

Data Path : U:\HPCHEM1\BNA F\DATA\BF082117\
 Data File : BF097920.D
 Acq On : 21 Aug 2017 22:10
 Operator : SJ/JU
 Sample : I4820-03MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-110-ESWMSD

Manual Integrations
 APPROVED

Sohil
 8/22/2017 5:44:42 PM

Quant Time: Aug 22 05:52:23 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	111395	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	445164	20.00	ng	0.00
38) Acenaphthene-d10	9.79	164	187413	20.00	ng	0.00
63) Phenanthrene-d10	11.27	188	313265	20.00	ng	0.00
75) Chrysene-d12	13.90	240	225742	20.00	ng	0.00
86) Perylene-d12	15.32	264	173565	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	794609	108.50	ng	0.02
7) Phenol-d6	6.39	99	1093430	109.89	ng	0.00
23) Nitrobenzene-d5	7.32	82	679011	82.86	ng	0.00
41) 2,4,6-Tribromophenol	10.57	330	168499	103.62	ng	0.00
44) 2-Fluorobiphenyl	9.11	172	942224	73.86	ng	0.00
78) Terphenyl-d14	12.85	244	576574	53.26	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.50	88	168852	41.342	ng	89
3) Pyridine	3.21	79	477543	42.295	ng	87
4) n-Nitrosodimethylamine	3.16	42	189588	43.639	ng	79
6) Aniline	6.42	93	375035	26.830	ng	99
8) 2-Chlorophenol	6.54	128	353654	45.790	ng	98
9) Benzaldehyde	6.30	77	254437	40.370	ng	88
10) Phenol	6.40	94	516331	44.368	ng	99
11) bis(2-Chloroethyl)ether	6.49	93	404728	46.078	ng	96
12) 1,3-Dichlorobenzene	6.69	146	352595	42.442	ng	# 93
13) 1,4-Dichlorobenzene	6.77	146	358218	42.397	ng	# 94
14) 1,2-Dichlorobenzene	6.92	146	333296	42.781	ng	99
15) Benzyl Alcohol	6.90	79	345748	46.410	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.03	45	508713	43.045	ng	90
17) 2-Methylphenol	7.01	107	319916	47.004	ng	95
18) Hexachloroethane	7.26	117	128799	38.881	ng	# 82
19) n-Nitroso-di-n-propylamine	7.17	70	281782	41.368	ng	# 88
20) 3+4-Methylphenols	7.17	107	375110	45.123	ng	96
22) Acetophenone	7.16	105	503604	42.823	ng	# 91
24) Nitrobenzene	7.33	77	448332	49.137	ng	91
25) Isophorone	7.58	82	790769	46.408	ng	97
26) 2-Nitrophenol	7.65	139	156977	47.544	ng	# 77
27) 2,4-Dimethylphenol	7.69	122	322231	45.344	ng	93
28) bis(2-Chloroethoxy)methane	7.79	93	494421	44.136	ng	98
29) 2,4-Dichlorophenol	7.90	162	268789	45.566	ng	96
30) 1,2,4-Trichlorobenzene	7.97	180	278742	42.625	ng	97
31) Naphthalene	8.06	128	1029685	44.554	ng	99
32) Benzoic acid	7.83	122	223506	43.812	ng	90
33) 4-Chloroaniline	8.10	127	185481	19.030	ng	97
34) Hexachlorobutadiene	8.17	225	156884	41.089	ng	96
35) Caprolactam	8.48	113	96287m	48.014	ng	
36) 4-Chloro-3-methylphenol	8.59	107	328451	43.337	ng	# 78
37) 2-Methylnaphthalene	8.75	142	650275	45.894	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	256196	44.543	ng	98
40) Hexachlorocyclopentadiene	8.90	237	92739	33.563	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.03	196	177672	46.011	nq	100
43) 2,4,5-Trichlorophenol	9.07	196	181834	47.465	nq	97
45) 1,1'-Biphenyl	9.21	154	724286	42.380	nq	96
46) 2-Chloronaphthalene	9.23	162	525738	41.634	nq	# 91
47) 2-Nitroaniline	9.33	65	227606	53.766	nq	95
48) Acenaphthylene	9.65	152	874676	44.109	nq	99
49) Dimethylphthalate	9.52	163	763991	55.768	nq	99
50) 2,6-Dinitrotoluene	9.57	165	124252	45.438	nq	# 53
51) Acenaphthene	9.82	154	531199	42.474	nq	99
52) 3-Nitroaniline	9.74	138	115184	32.648	nq	82
53) 2,4-Dinitrophenol	9.85	184	24327	26.473	nq	# 79
54) Dibenzofuran	9.99	168	759375	45.305	nq	98
55) 4-Nitrophenol	9.91	139	223106	79.274	nq	# 39
56) 2,4-Dinitrotoluene	9.98	165	158010	46.044	nq	# 63
57) Fluorene	10.33	166	551093	42.526	nq	95
58) 2,3,4,6-Tetrachlorophenol	10.11	232	140313	47.307	nq	94
59) Diethylphthalate	10.22	149	656825	45.849	nq	99
60) 4-Chlorophenyl-phenylether	10.33	204	251764	41.819	nq	89
61) 4-Nitroaniline	10.35	138	141345	42.153	nq	# 68
62) Azobenzene	10.49	77	740976	43.543	nq	93
64) 4,6-Dinitro-2-methylphenol	10.38	198	18164	18.492	nq	92
65) n-Nitrosodiphenylamine	10.44	169	494975	46.400	nq	98
66) 4-Bromophenyl-phenylether	10.82	248	152920	47.008	nq	98
67) Hexachlorobenzene	10.88	284	139694	42.131	nq	# 83
68) Atrazine	10.98	200	136915	48.396	nq	98
69) Pentachlorophenol	11.07	266	157789	81.618	nq	97
70) Phenanthrene	11.30	178	924932	55.408	nq	100
71) Anthracene	11.34	178	819255	48.387	nq	100
72) Carbazole	11.50	167	708565	44.089	nq	98
73) Di-n-butylphthalate	11.84	149	914441	49.398	nq	99
74) Fluoranthene	12.48	202	1149200	65.957	nq	99
76) Benzidine	12.60	184	405518	54.788	nq	# 92
77) Pyrene	12.71	202	1173921	63.582	nq	99
79) Butylbenzylphthalate	13.33	149	361130	51.016	nq	# 78
80) Benzo(a)anthracene	13.90	228	788213	58.258	nq	98
81) 3,3'-Dichlorobenzidine	13.86	252	197154	43.184	nq	# 97
82) Chrysene	13.93	228	793642	58.968	nq	98
83) Bis(2-ethylhexyl)phthalate	13.89	149	415311	52.946	nq	# 99
84) Di-n-octyl phthalate	14.50	149	807218	59.144	nq	99
85) Indeno(1,2,3-cd)pyrene	16.72	276	599239m	60.524	nq	
87) Benzo(b)fluoranthene	14.92	252	870026	79.525	nq	99
88) Benzo(k)fluoranthene	14.95	252	513899m	49.997	nq	
89) Benzo(a)pyrene	15.27	252	683756	70.598	nq	98
90) Dibenzo(a,h)anthracene	16.73	278	355873	45.134	nq	99
91) Benzo(g,h,i)perylene	17.13	276	508400	61.795	nq	# 93

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

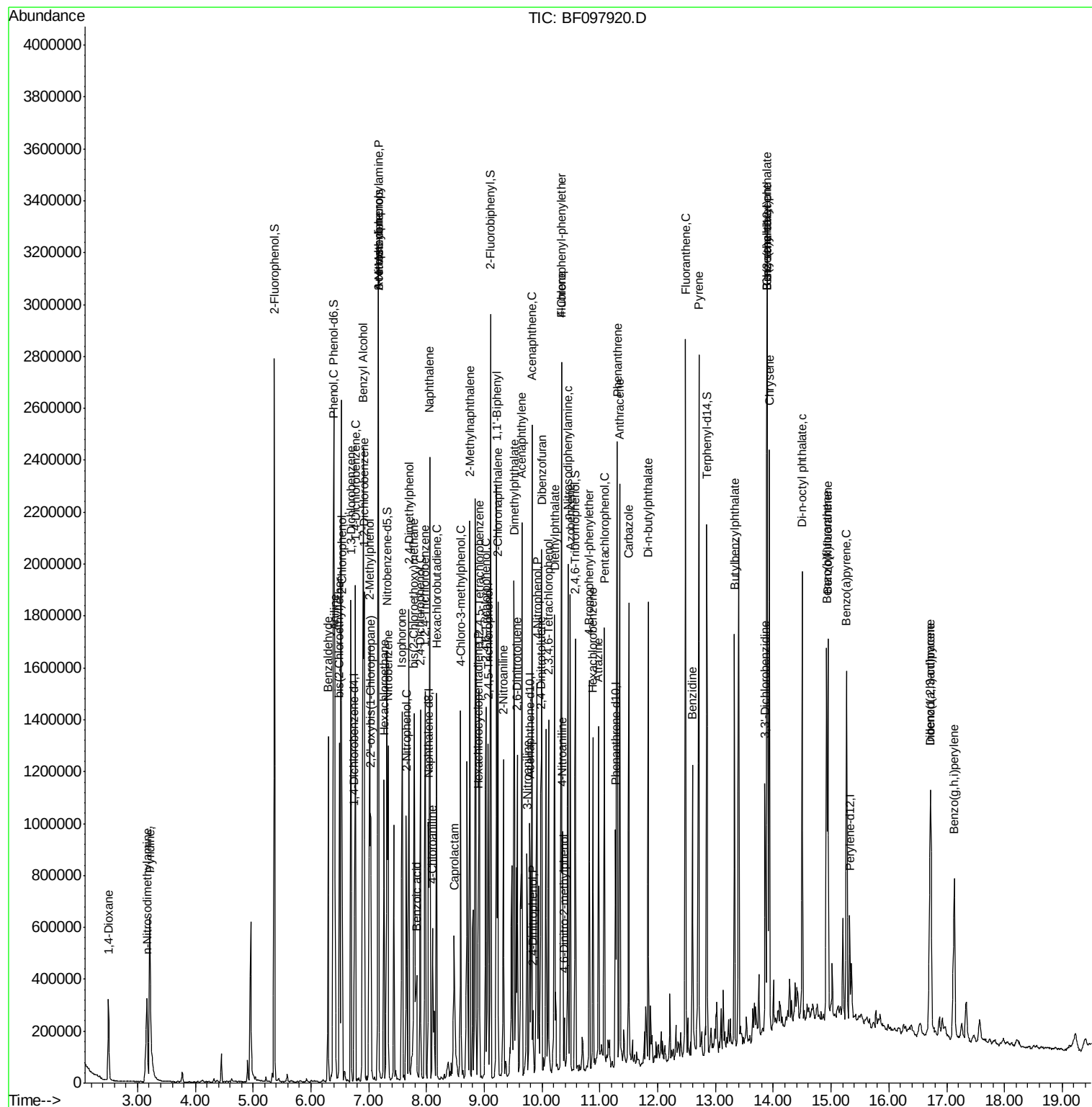
Data Path : U:\HPCHEM1\BNA F\DATA\BF082117\
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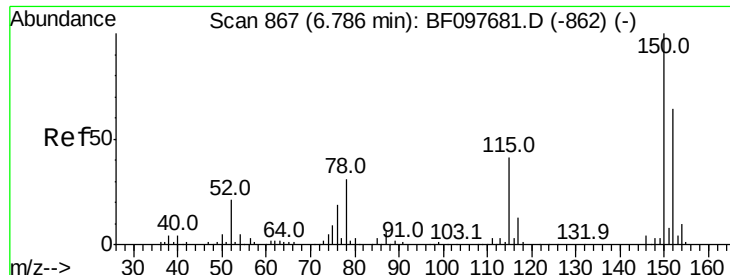
Instrument :
 BNA_F
 ClientSampleId :
 E2-I10-ESWMSD

Manual Integrations
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#1

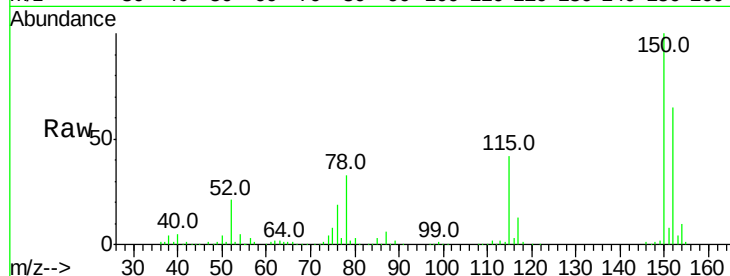
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.00 min
Lab File: BF097920.D
Acq: 21 Aug 2017 22:10

Instrument :
BNA_F
ClientSampleId :
E2-110-ESWMSD

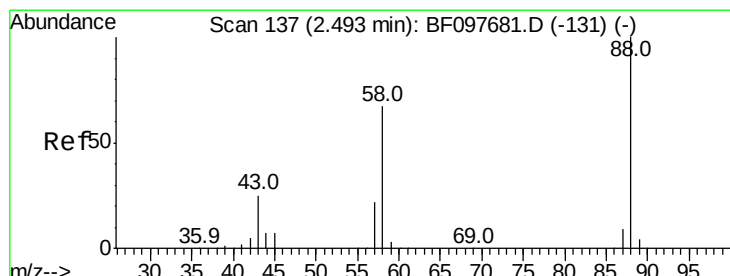
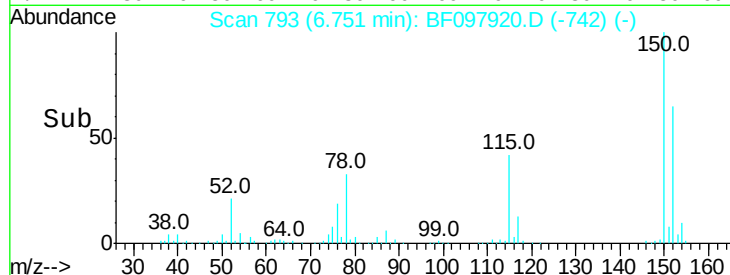
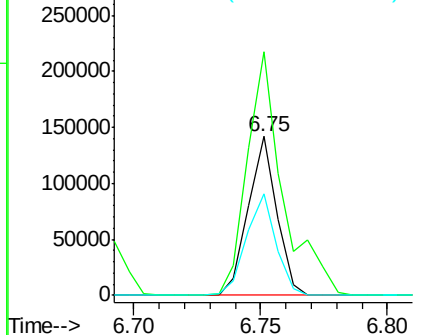
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.4	126.2	189.2
115	64.1	52.2	78.2

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

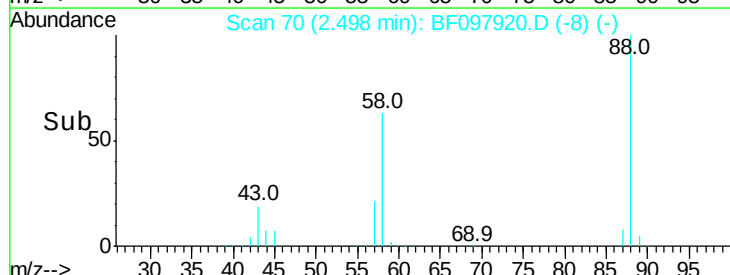
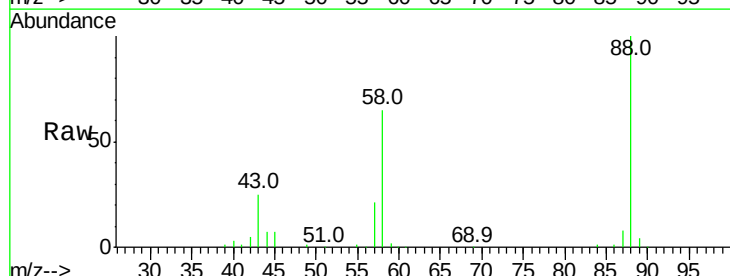
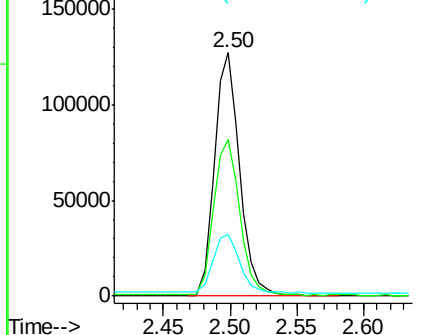


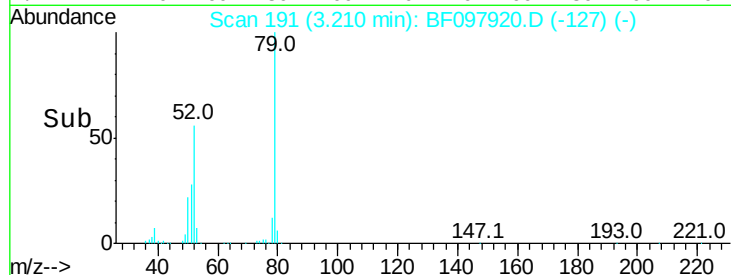
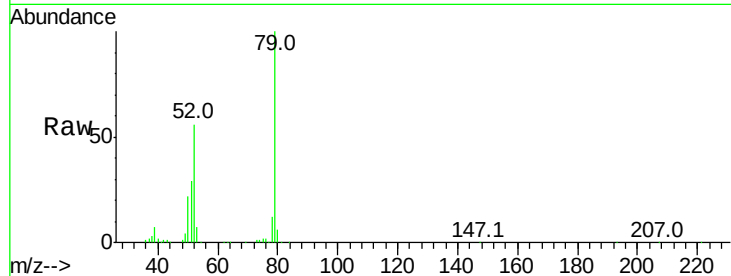
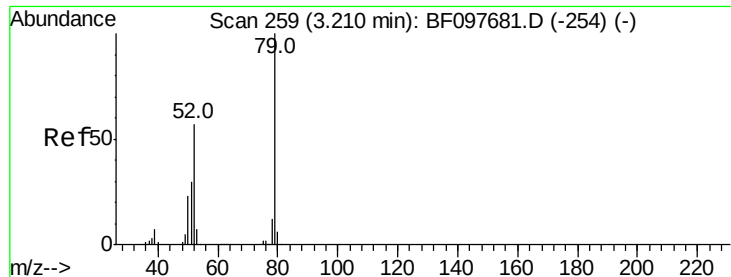
#2

1,4-Dioxane
Concen: 41.342 ng
RT: 2.50 min Scan# 70
Delta R.T. 0.06 min
Lab File: BF097920.D
Acq: 21 Aug 2017 22:10

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.0	61.4	92.0
43	26.1	23.4	35.0

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





#3

Pvridine

Concen: 42.295 ng

RT: 3.21 min Scan# 191

Delta R.T. 0.08 min

Lab File: BF097920.D

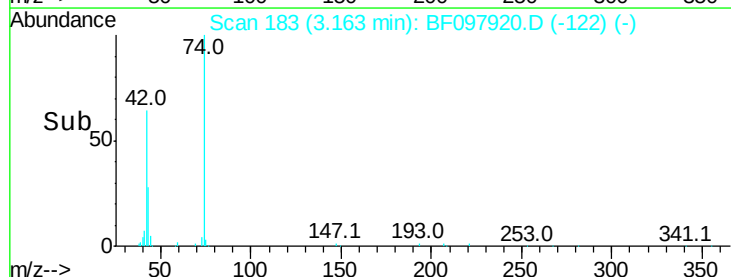
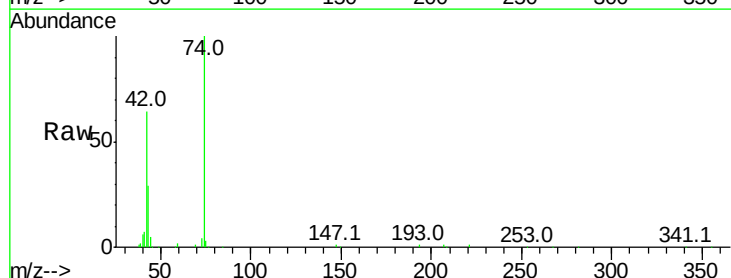
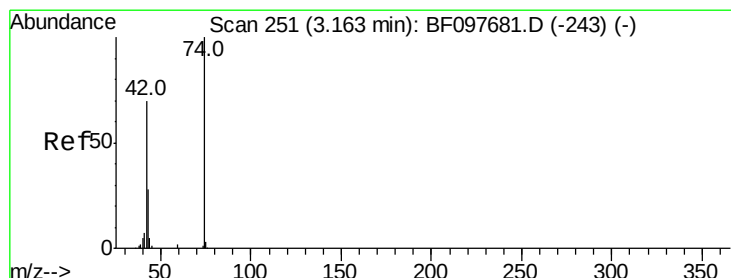
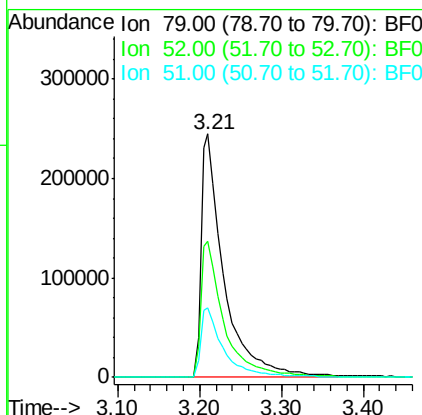
Acq: 21 Aug 2017 22:10

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		477543		
52	56.1	54.8	82.2		
51	28.5	27.0	40.4		

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#4

n-Nitrosodimethylamine

Concen: 43.639 ng

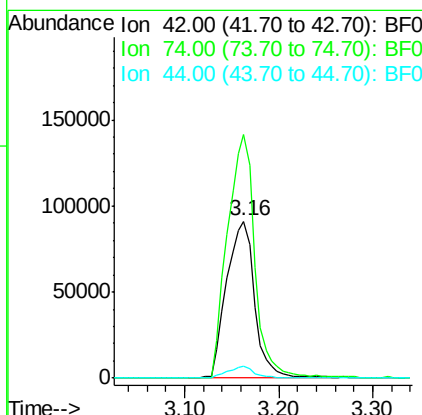
RT: 3.16 min Scan# 183

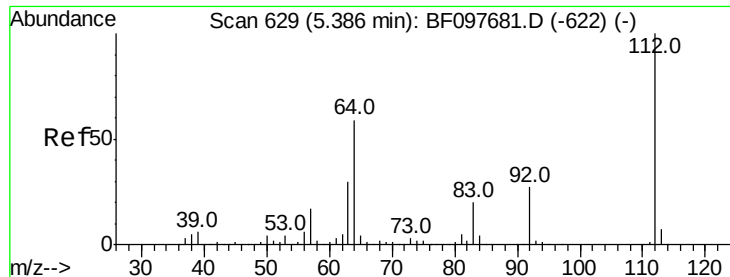
Delta R.T. 0.06 min

Lab File: BF097920.D

Acq: 21 Aug 2017 22:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		189588		
74	155.5	103.9	155.9		
44	7.6	5.7	8.5		





#5

2-Fluorophenol

Concen: 108.502 ng

RT: 5.37 min Scan# 558

Delta R.T. 0.02 min

Lab File: BF097920.D

Acq: 21 Aug 2017 22:10

Instrument :

BNA_F

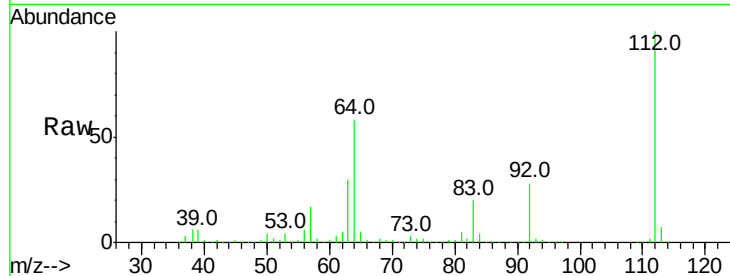
ClientSampleId :

E2-110-ESWMSD

Tot Ion:	112	Resp:	794609
Ion Ratio	Lower	Upper	
112	100		
64	58.2	46.0	69.0
63	30.1	23.4	35.0

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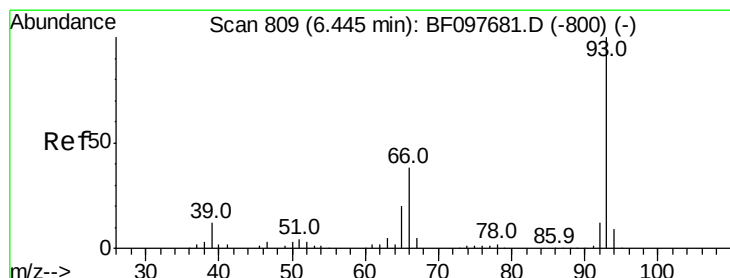
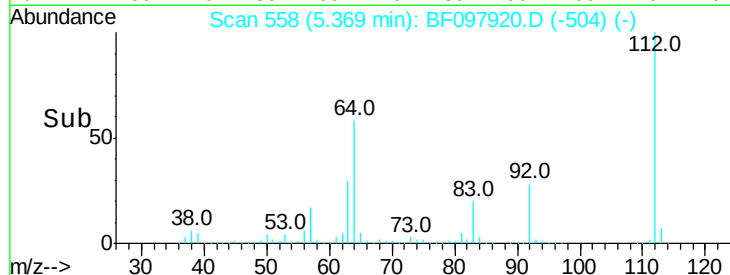
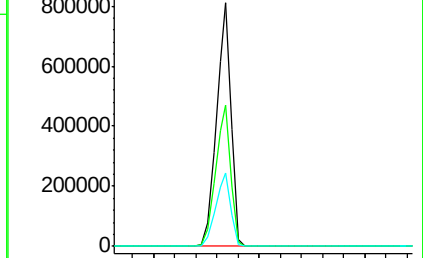
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 26.830 ng

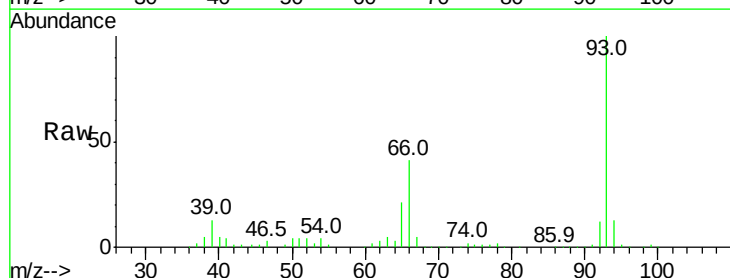
RT: 6.42 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF097920.D

Acq: 21 Aug 2017 22:10

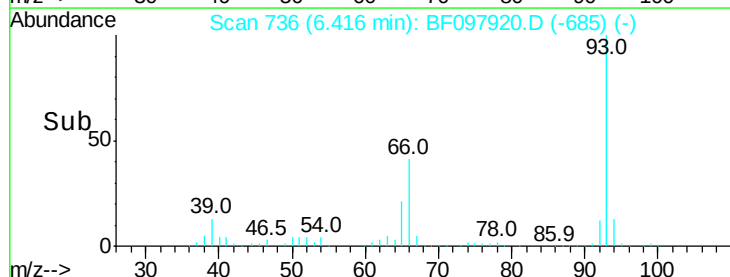
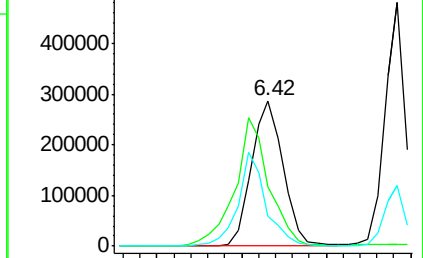
Tgt Ion:	93	Resp:	375035
Ion Ratio	Lower	Upper	
93	100		
66	40.7	32.9	49.3
65	21.0	16.0	24.0

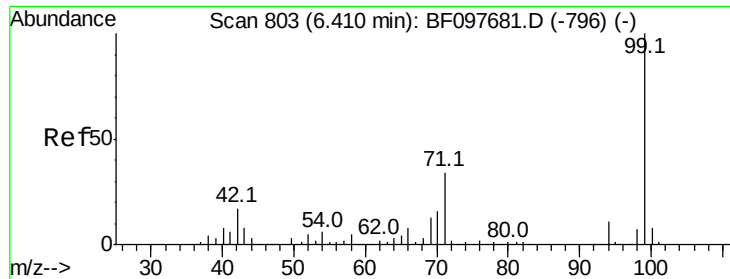


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 109.887 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.01 min

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Instrument :

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E2-110-ESWMSD

Tot Ion: 99 Resp: 1093430

Ion Ratio Lower Upper

99 100

42 16.3 13.5 20.3

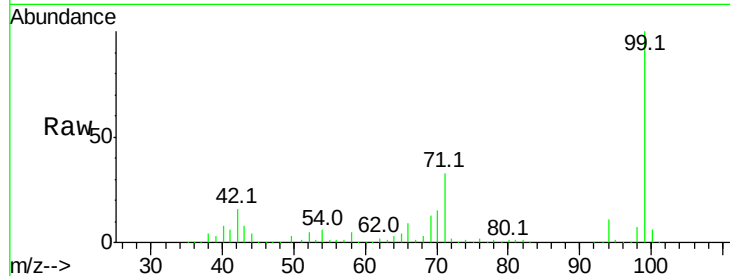
71 33.4 24.5 36.7

Manual Integrations

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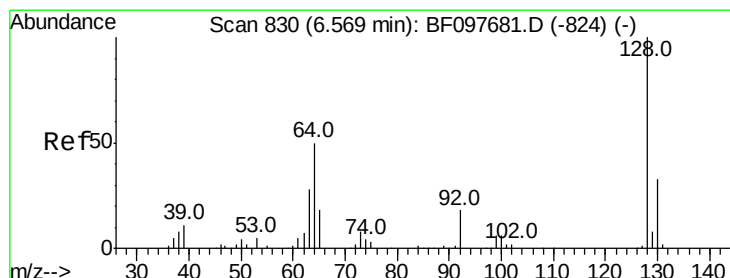
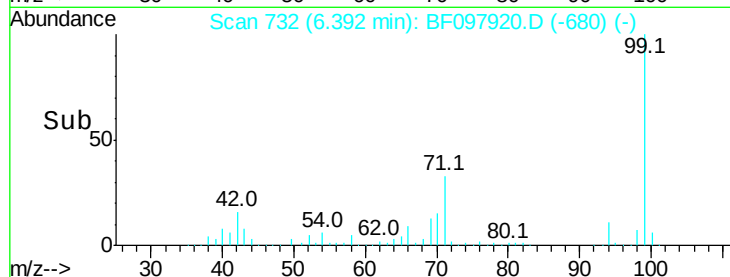
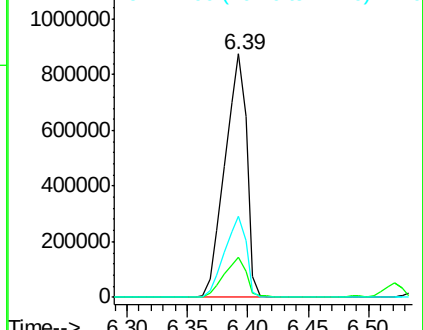
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 45.790 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.01 min

Lab File: BF097920.D

Acq: 21 Aug 2017 22:10

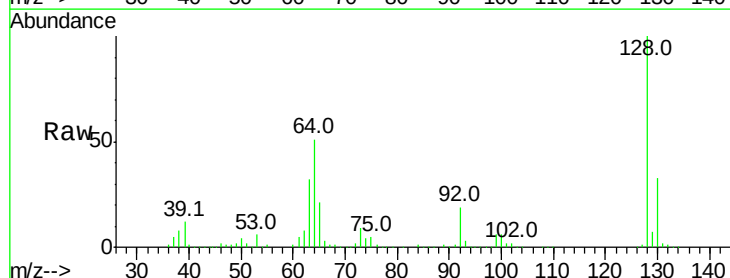
Tgt Ion: 128 Resp: 353654

Ion Ratio Lower Upper

128 100

130 33.4 12.9 52.9

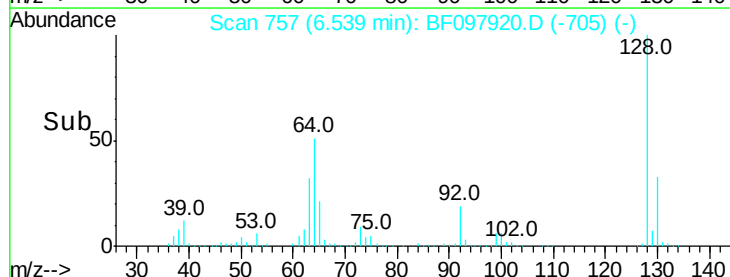
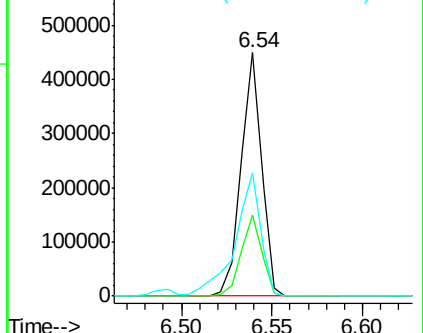
64 50.7 28.4 68.4

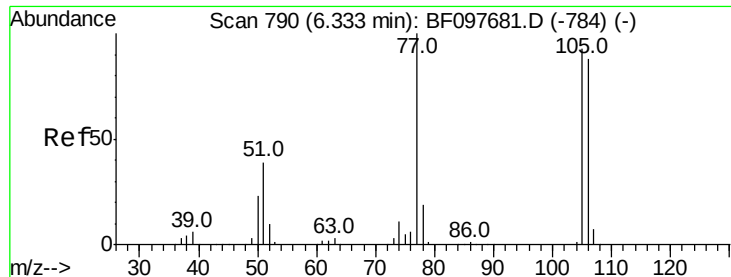


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 40.370 ng

RT: 6.30 min Scan# 716

Delta R.T. -0.00 min

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Acq: 21 Aug 2017 22:10

Instrument :

BNA_F

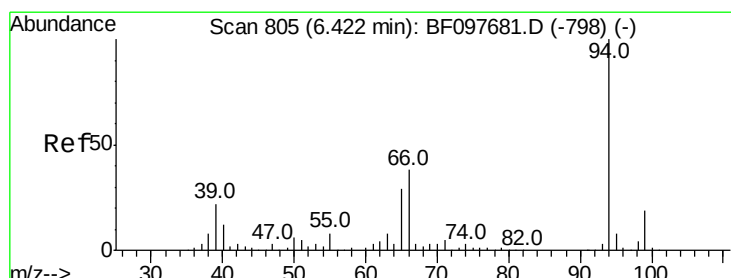
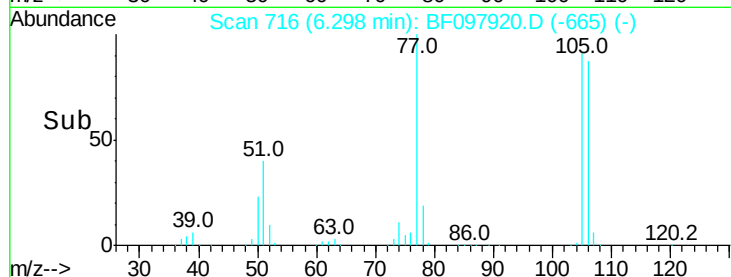
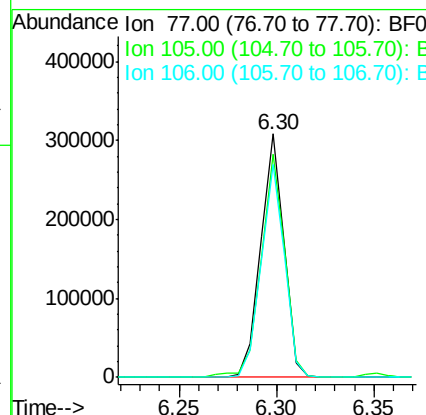
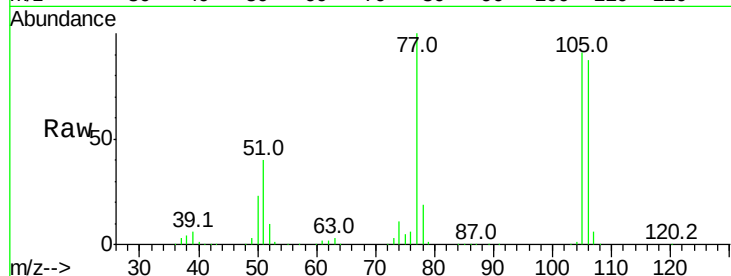
ClientSampleId :

E2-110-ESWMSD

Tot Ion:	77	Resp:	254437
Ion Ratio	Lower	Upper	
77	100		
105	91.4	83.8	123.8
106	87.4	79.1	119.1

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#10

Phenol

Concen: 44.368 ng

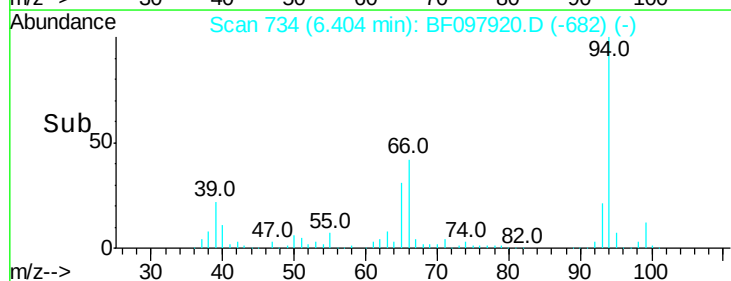
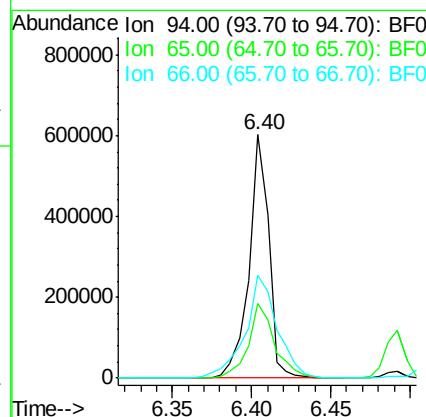
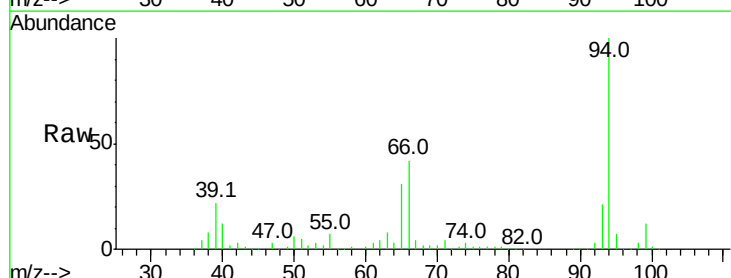
RT: 6.40 min Scan# 734

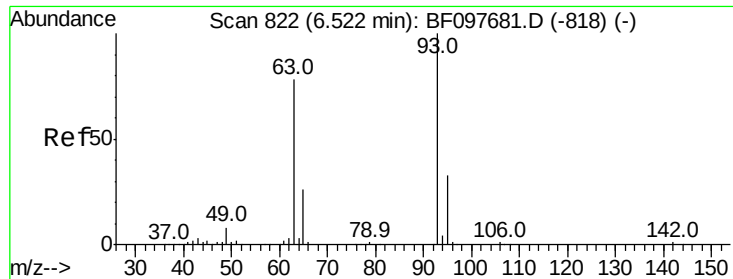
Delta R.T. 0.01 min

Lab File: BF097920.D

Acq: 21 Aug 2017 22:10

Tgt Ion:	94	Resp:	516331
Ion Ratio	Lower	Upper	
94	100		
65	30.6	9.9	49.9
66	42.2	23.1	63.1





#11

bis(2-Chloroethyl)ether

Concen: 46.078 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF097920.D

Acq: 21 Aug 2017 22:10

Instrument :

BNA_F

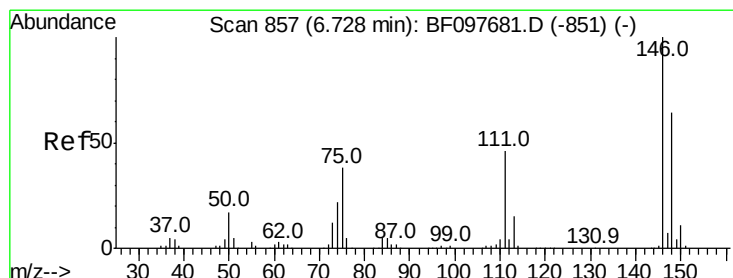
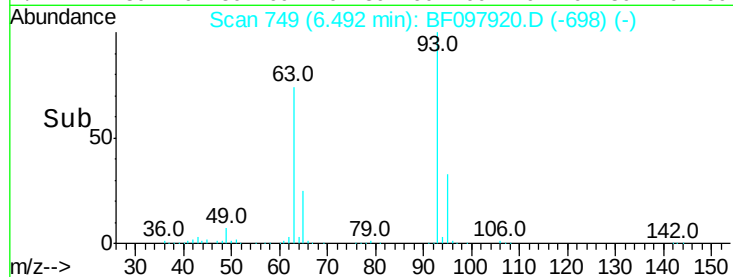
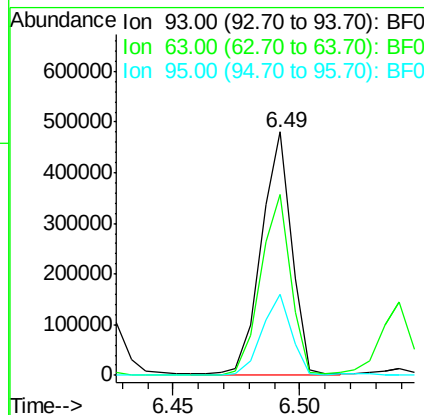
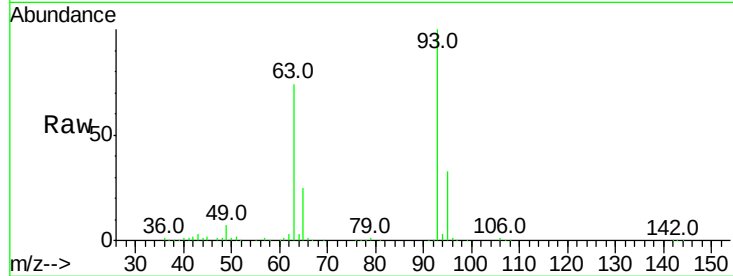
ClientSampleId :

E2-110-ESWMSD

Tot Ion:	93	Resp:	404728
Ion Ratio	Lower	Upper	
93	100		
63	74.2	59.2	99.2
95	33.4	12.8	52.8

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#12

1,3-Dichlorobenzene

Concen: 42.442 ng

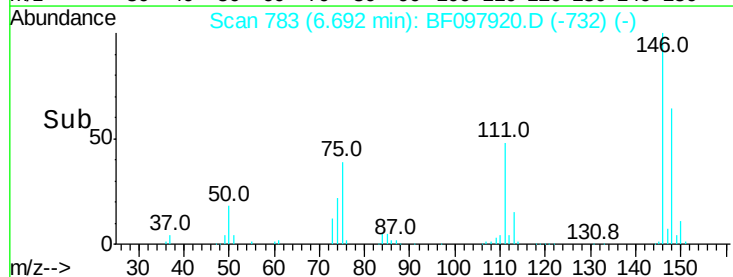
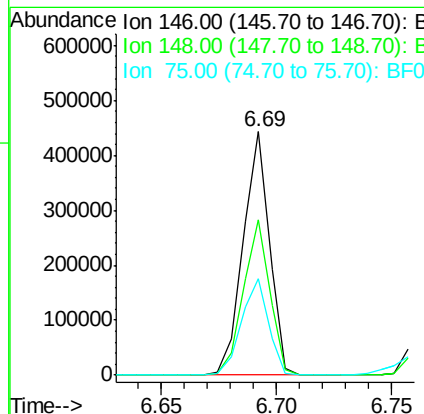
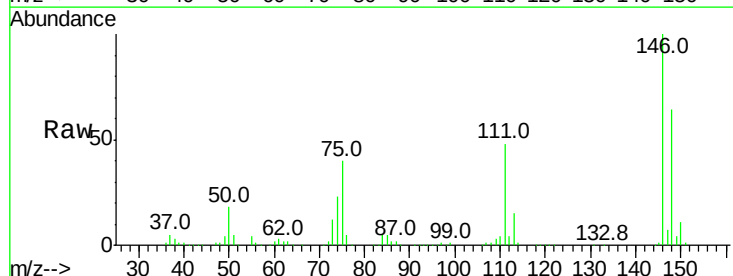
RT: 6.69 min Scan# 783

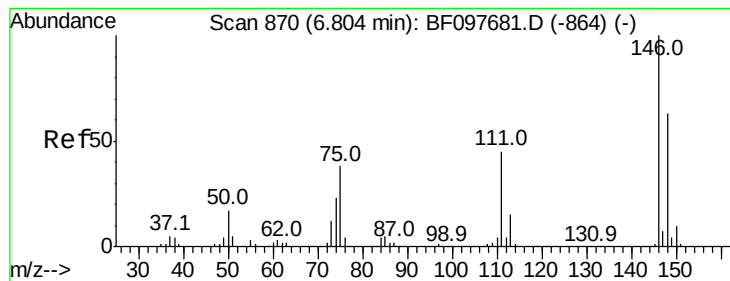
Delta R.T. -0.00 min

Lab File: BF097920.D

Acq: 21 Aug 2017 22:10

Tgt Ion:	146	Resp:	352595
Ion Ratio	Lower	Upper	
146	100		
148	63.7	51.8	77.6
75	39.5	23.1	34.7#





#13

1,4-Dichlorobenzene

Concen: 42.397 ng

RT: 6.77 min Scan# 796

Delta R.T. -0.00 min

Lab File: BF097920.D

Acq: 21 Aug 2017 22:10

Instrument :

BNA_F

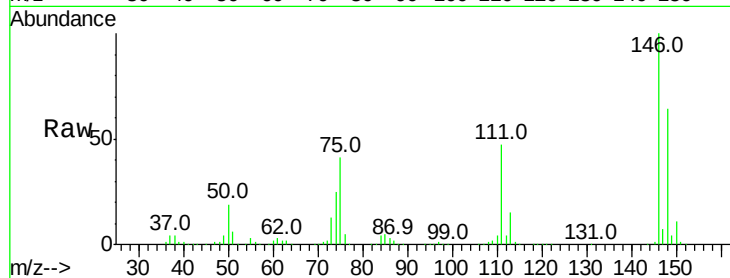
ClientSampleId :

E2-110-ESWMSD

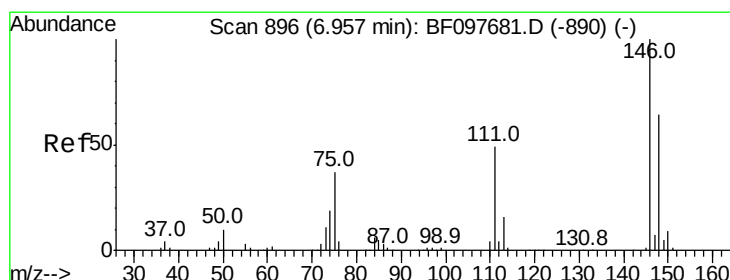
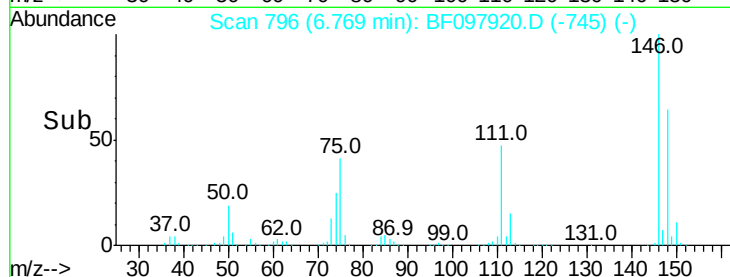
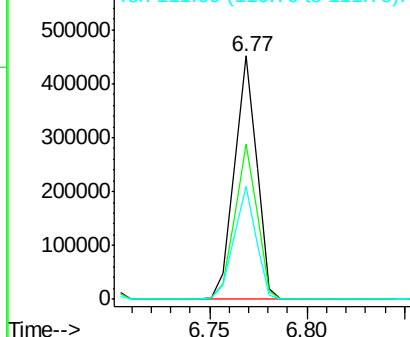
Tot Ion:	146	Resp:	358218
Ion Ratio	Lower	Upper	
146	100		
148	63.8	52.2	78.2
111	46.7	30.3	45.5#

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 42.781 ng

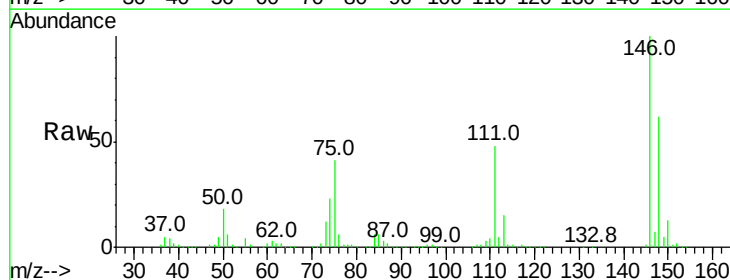
RT: 6.92 min Scan# 822

Delta R.T. -0.00 min

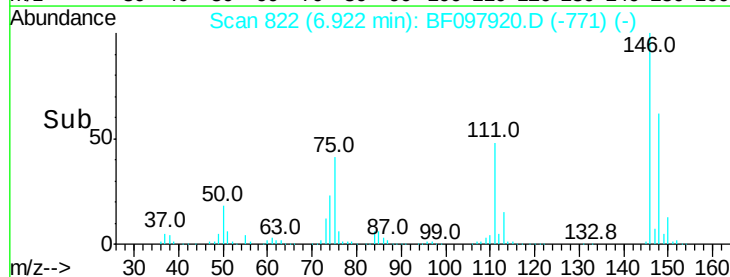
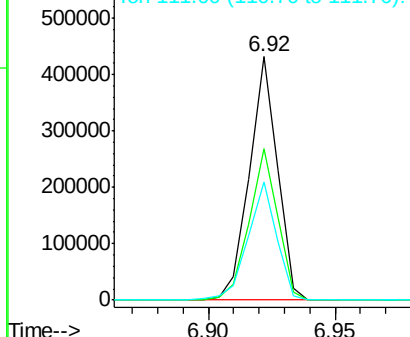
Lab File: BF097920.D

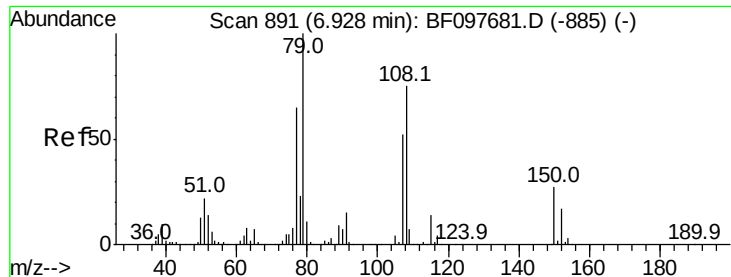
Acq: 21 Aug 2017 22:10

Tgt Ion:	146	Resp:	333296
Ion Ratio	Lower	Upper	
146	100		
148	62.3	50.4	75.6
111	48.3	38.2	57.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 46.410 ng

RT: 6.90 min Scan# 818

Delta R.T. 0.01 min

Lab File: BF097920.D

Acq: 21 Aug 2017 22:10

Instrument :

BNA_F

ClientSampleId :

E2-110-ESWMSD

Tot Ion: 79 Resp: 345748

Ion Ratio Lower Upper

79 100

108 73.6 63.4 95.0

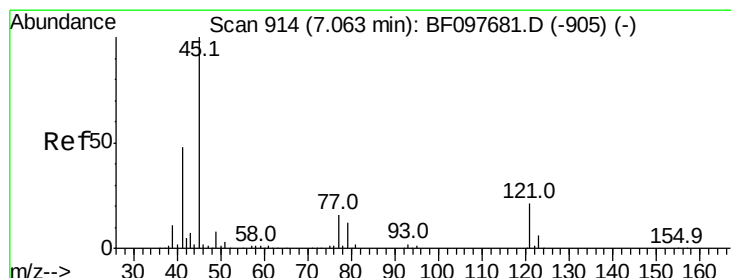
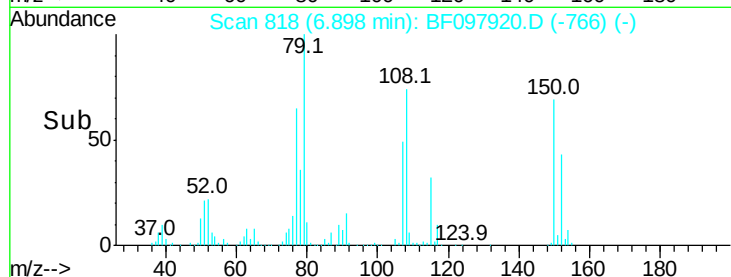
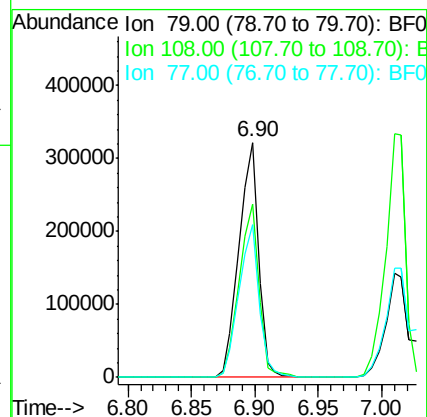
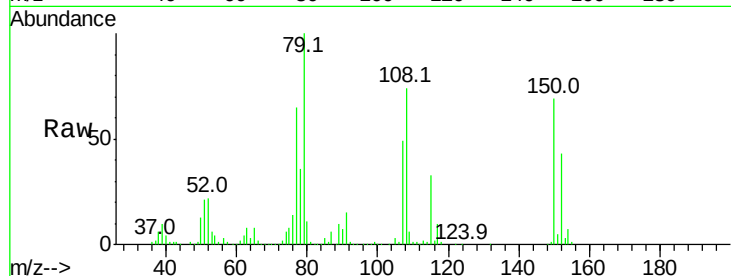
77 64.8 49.2 73.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 43.045 ng

RT: 7.03 min Scan# 840

Delta R.T. -0.01 min

Lab File: BF097920.D

Acq: 21 Aug 2017 22:10

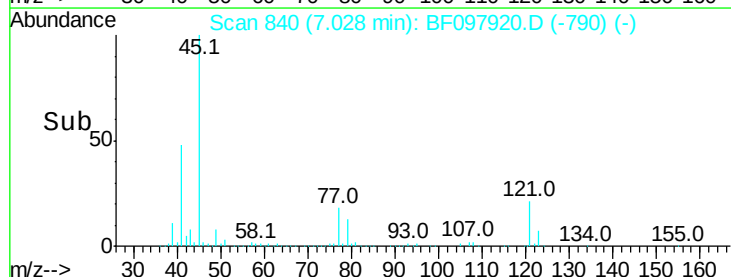
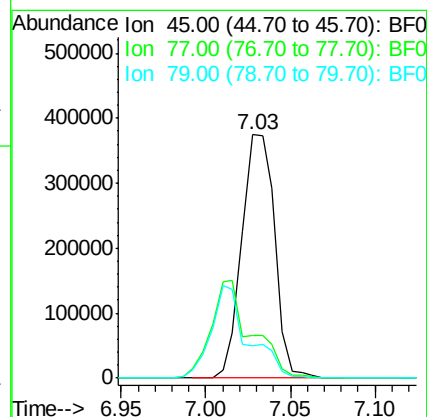
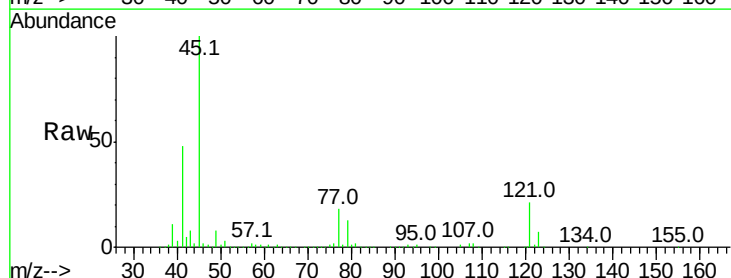
Tgt Ion: 45 Resp: 508713

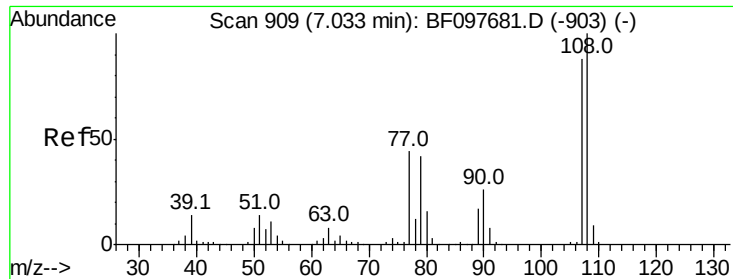
Ion Ratio Lower Upper

45 100

77 17.6 0.0 33.2

79 13.3 0.0 30.0





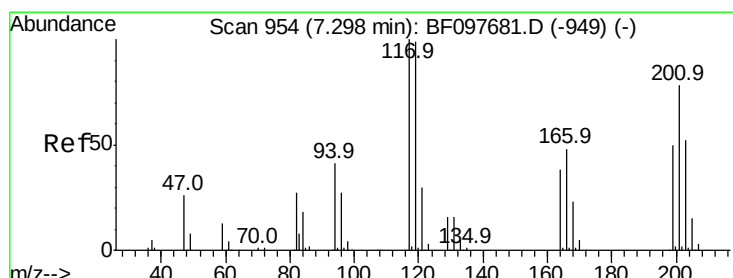
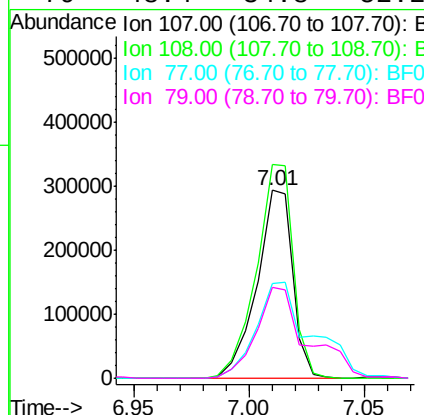
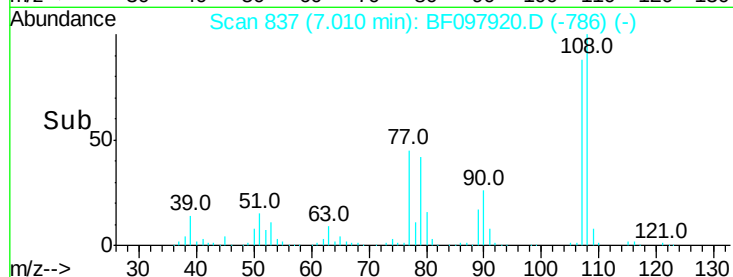
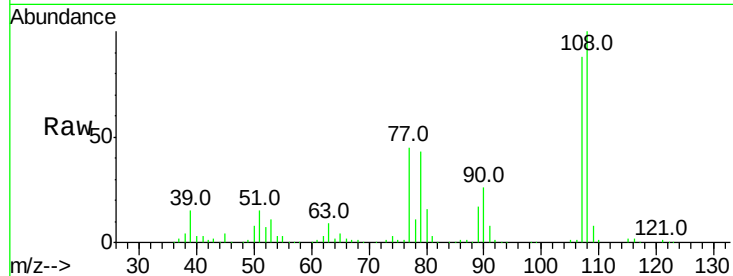
#17
2-Methylphenol
Concen: 47.004 ng
RT: 7.01 min Scan# 837
Delta R.T. -0.00 min
Lab File: BF097920.D
Acq: 21 Aug 2017 22:10

Instrument :
BNA_F
ClientSampleId :
E2-110-ESWMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100	319916		
108	108	113.7		93.4	140.0
77	77	50.7		35.8	53.6
79	79	48.4		34.8	52.2

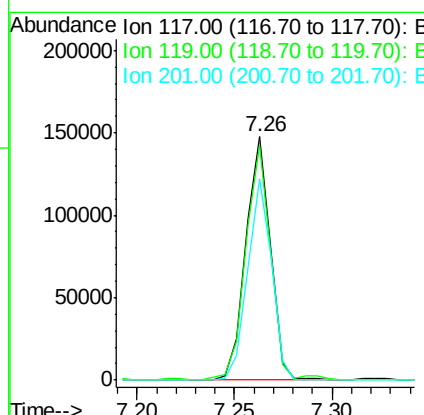
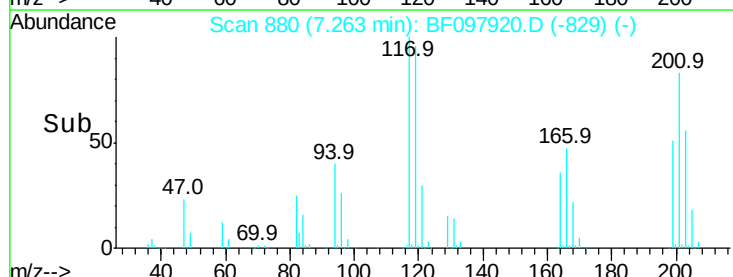
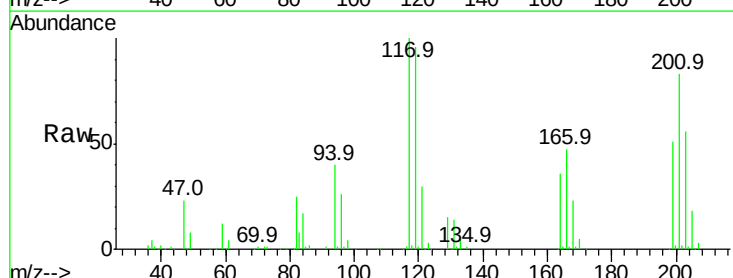
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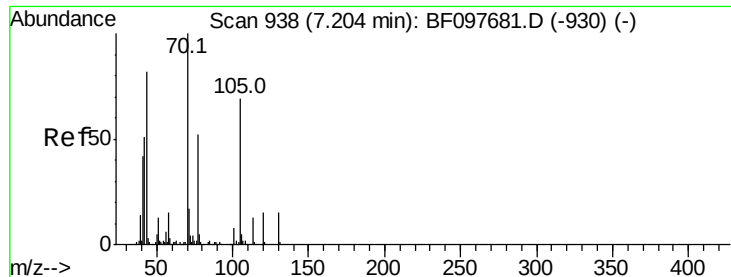
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#18
Hexachloroethane
Concen: 38.881 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.00 min
Lab File: BF097920.D
Acq: 21 Aug 2017 22:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117	100	128799		
119	119	96.1		77.4	116.0
201	201	82.7		94.6	141.8#





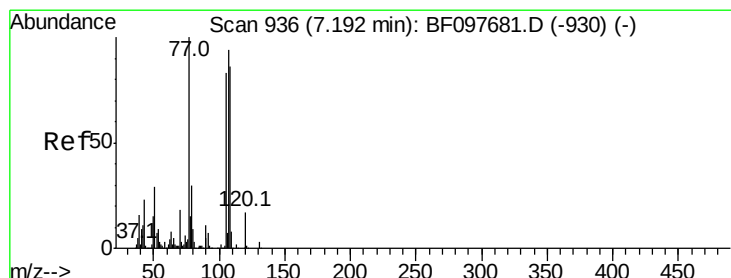
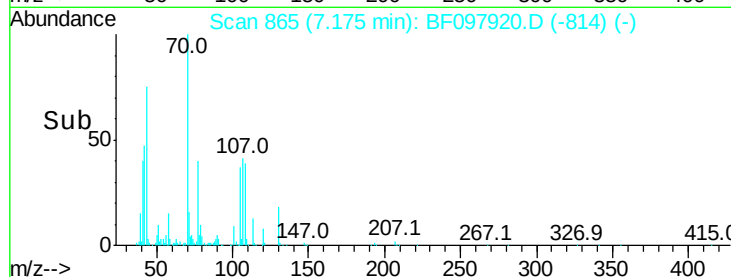
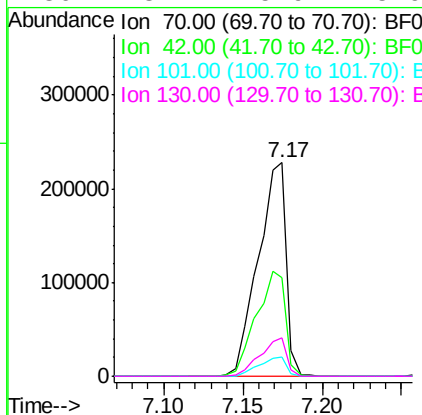
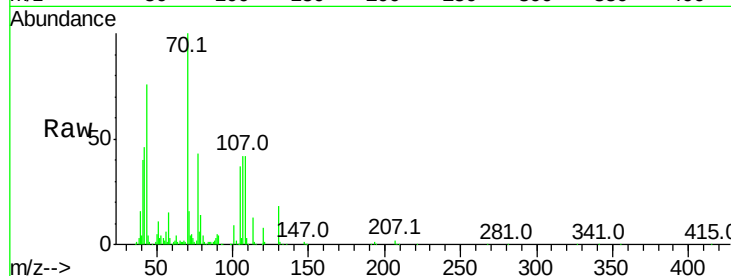
#19
n-Nitroso-di-n-propylamine
Concen: 41.368 ng
RT: 7.17 min Scan# 865
Delta R.T. -0.00 min
Lab File: BF097920.D
Acq: 21 Aug 2017 22:10

Instrument :
BNA_F
ClientSampleId :
E2-110-ESWMSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	46.4	47.2	70.8#
101	9.3	7.2	10.8
130	18.1	15.9	23.9

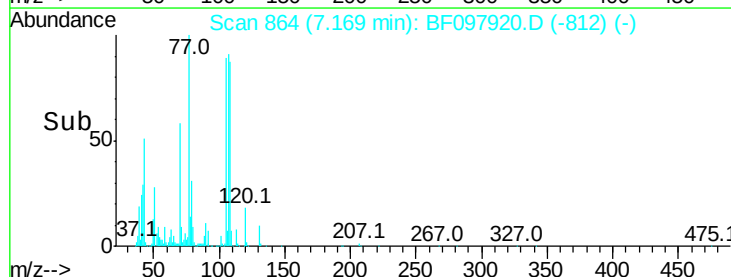
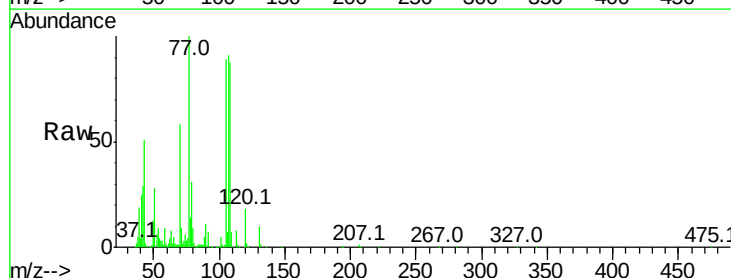
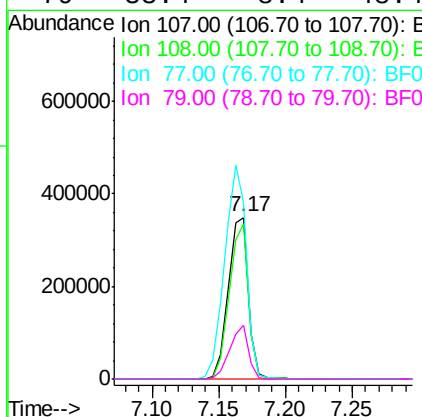
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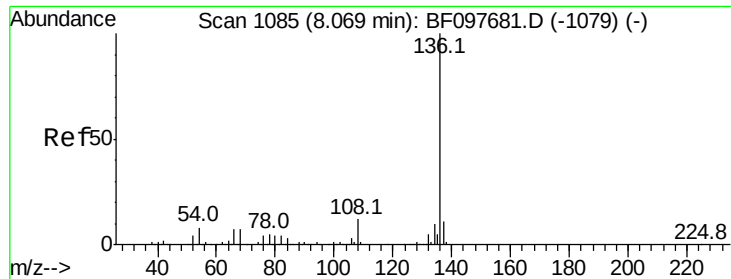
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#20
3+4-Methylphenols
Concen: 45.123 ng
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: BF097920.D
Acq: 21 Aug 2017 22:10

Tgt Ion	Ratio	Lower	Upper
107	100		
108	95.7	71.0	111.0
77	109.4	90.5	130.5
79	33.4	8.4	48.4





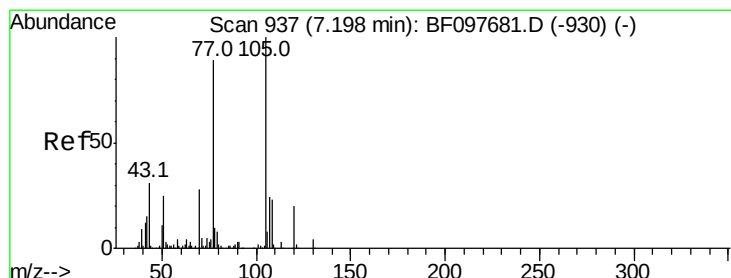
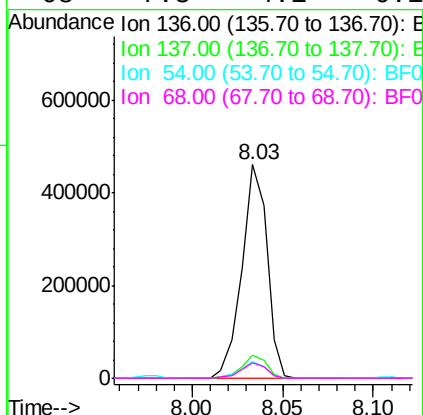
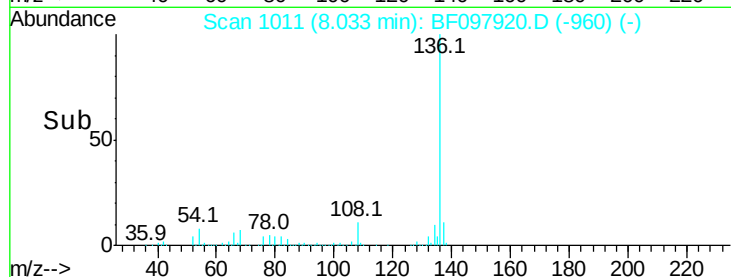
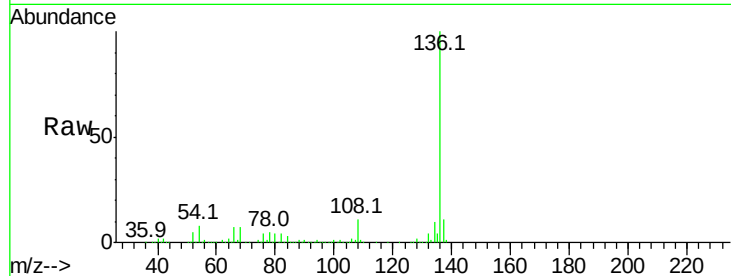
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BF097920.D
Acq: 21 Aug 2017 22:10

Instrument :
BNA_F
ClientSampleId :
E2-110-ESWMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.8	8.5	12.7	
54	7.7	4.9	7.3#	
68	7.3	4.1	6.1#	

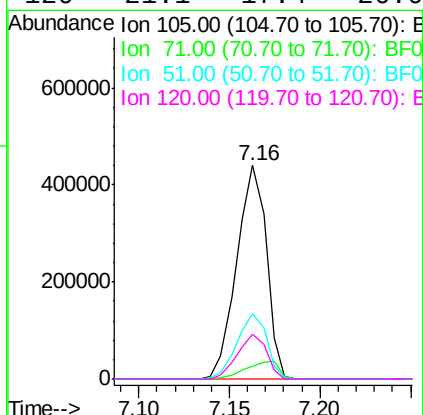
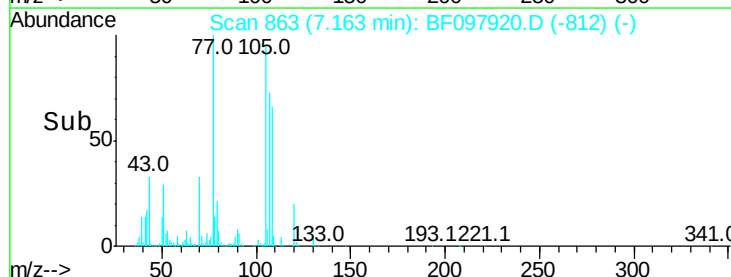
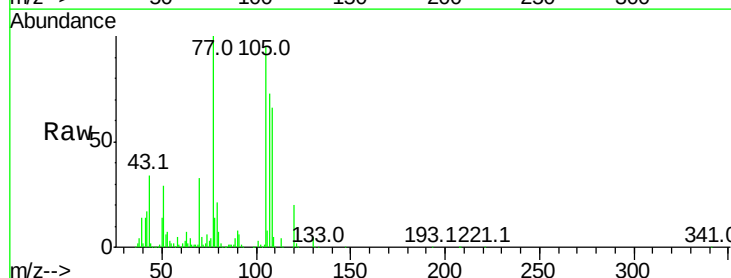
Manual Integrations
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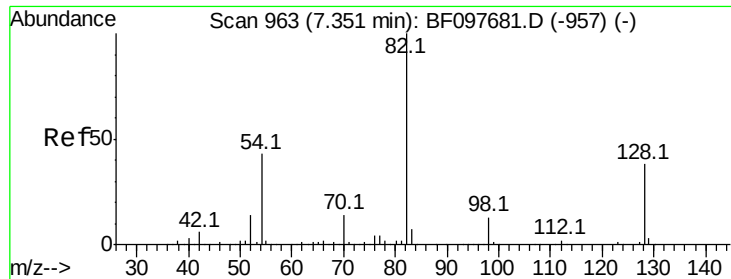
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#22
Acetophenone
Concen: 42.823 ng
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: BF097920.D
Acq: 21 Aug 2017 22:10

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	5.8	2.8	4.2#	
51	30.3	30.7	46.1#	
120	21.1	17.4	26.0	





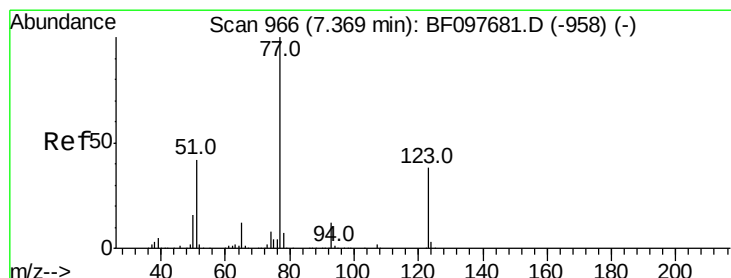
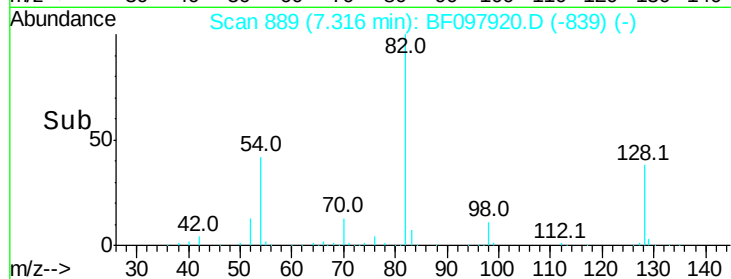
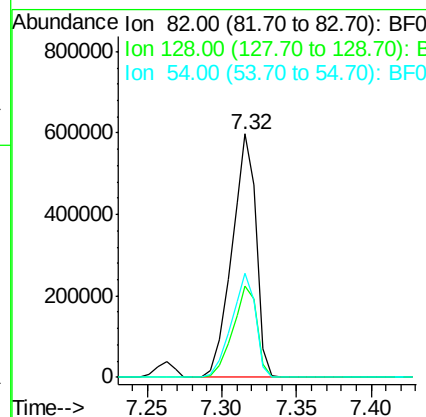
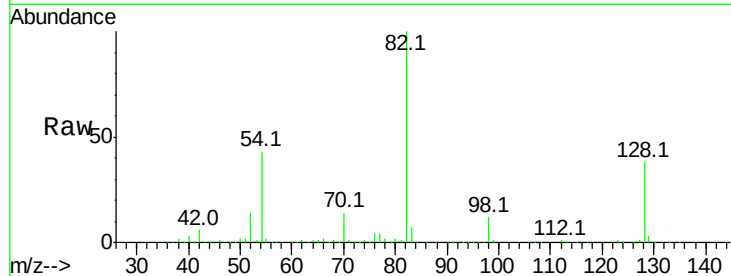
#23
 Nitrobenzene-d5
 Concen: 82.862 ng
 RT: 7.32 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF097920.D
 Acq: 21 Aug 2017 22:10

Instrument :
 BNA_F
 ClientSampleId :
 E2-110-ESWMSD

Tot Ion	82	Resp	679011
Ion Ratio	100	Lower	Upper
82	100		
128	37.5	34.0	51.0
54	42.6	42.2	63.2

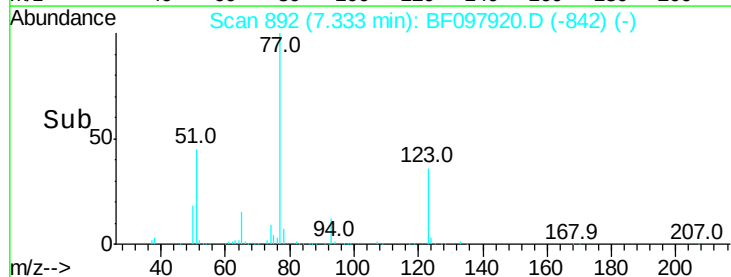
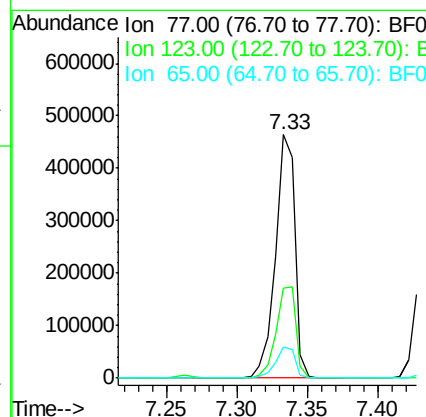
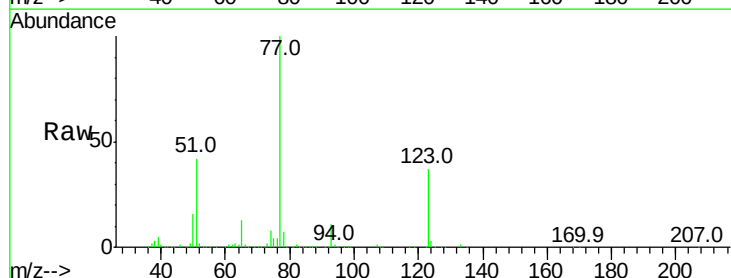
Manual Integrations
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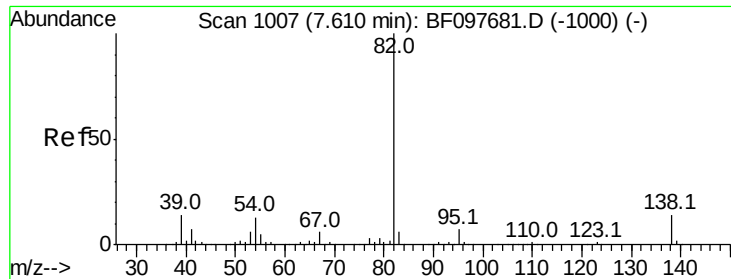
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#24
 Nitrobenzene
 Concen: 49.137 ng
 RT: 7.33 min Scan# 892
 Delta R.T. -0.01 min
 Lab File: BF097920.D
 Acq: 21 Aug 2017 22:10

Tgt Ion	77	Resp	448332
Ion Ratio	100	Lower	Upper
77	100		
123	37.0	35.8	53.8
65	13.1	10.6	15.8





#25

Isophorone

Concen: 46.408 ng

RT: 7.58 min Scan# 934

Delta R.T. -0.00 min

Lab File: BF097920.D

Acq: 21 Aug 2017 22:10

Instrument :

BNA_F

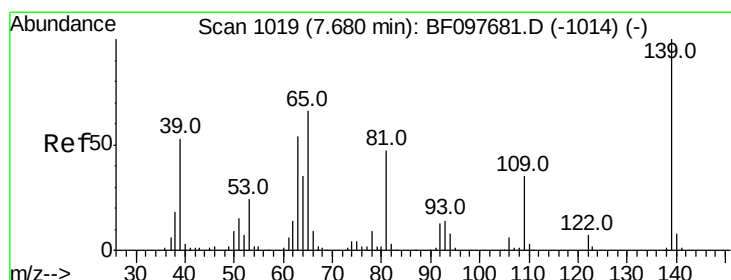
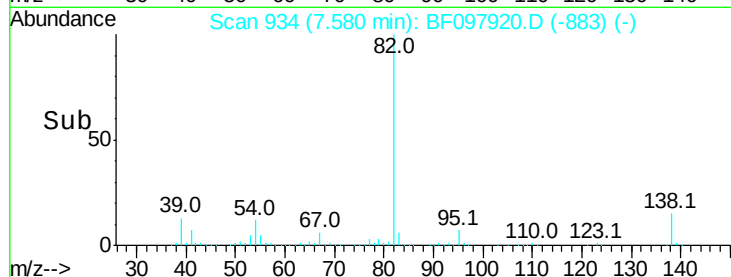
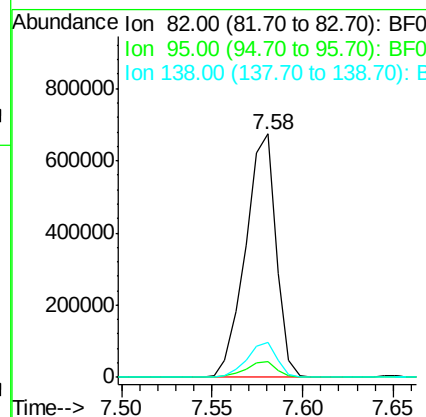
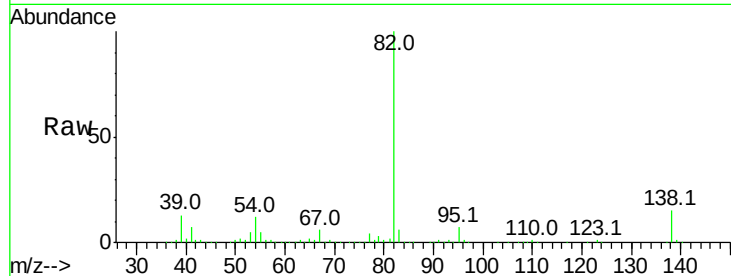
ClientSampleId :

E2-110-ESWMSD

Tot Ion	82	Resp	790769
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.3	7.9
138	14.5	13.1	19.7

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#26

2-Nitrophenol

Concen: 47.544 ng

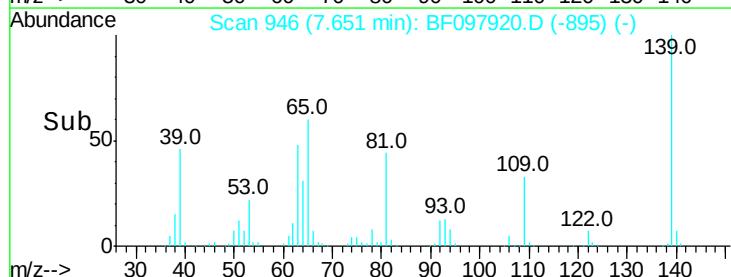
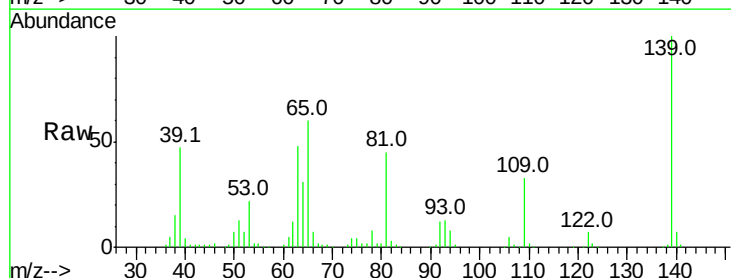
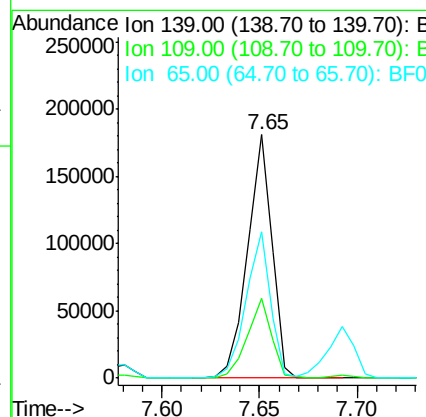
RT: 7.65 min Scan# 946

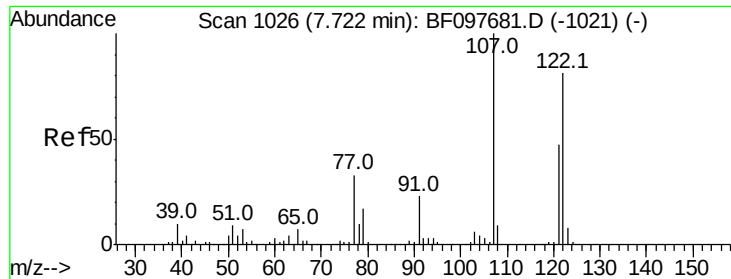
Delta R.T. -0.00 min

Lab File: BF097920.D

Acq: 21 Aug 2017 22:10

Tgt Ion	139	Resp	156977
Ion Ratio	Lower	Upper	
139	100		
109	32.5	21.0	31.6#
65	60.3	33.0	49.6#





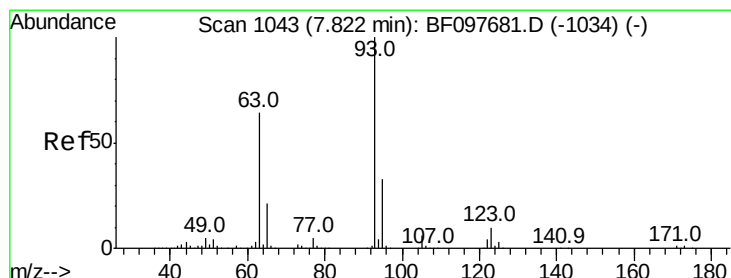
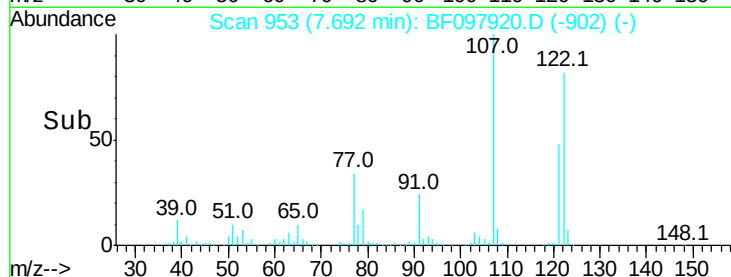
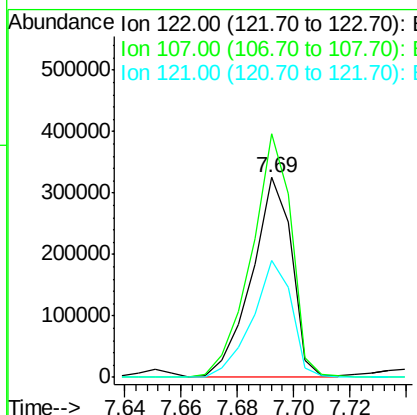
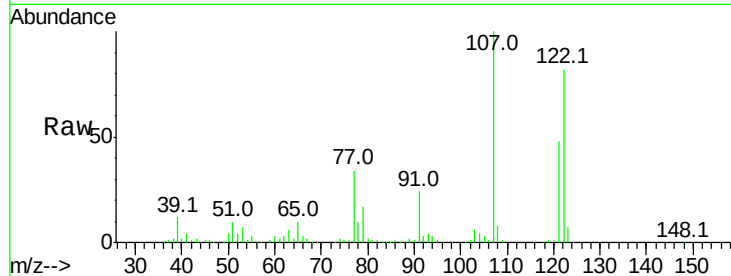
#27
 2,4-Dimethylphenol
 Concen: 45.344 ng
 RT: 7.69 min Scan# 953
 Delta R.T. -0.00 min
 Lab File: BF097920.D
 Acq: 21 Aug 2017 22:10

Instrument :
 BNA_F
 ClientSampleId :
 E2-110-ESWMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		322231		
107	121.8	89.2	133.8		
121	58.6	45.2	67.8		

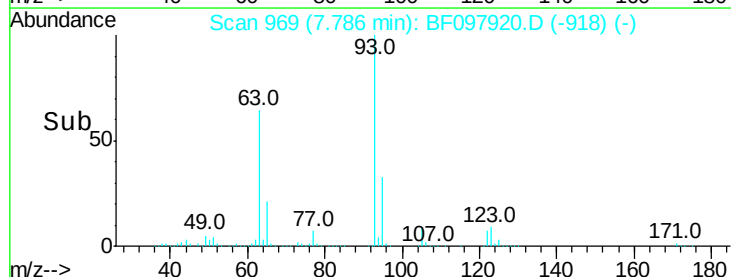
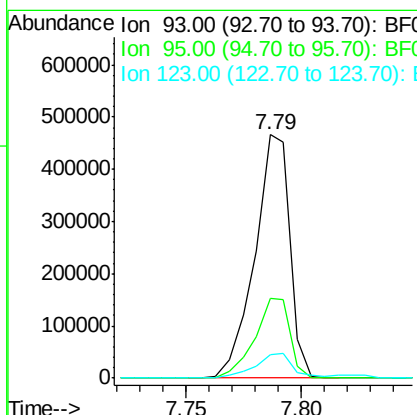
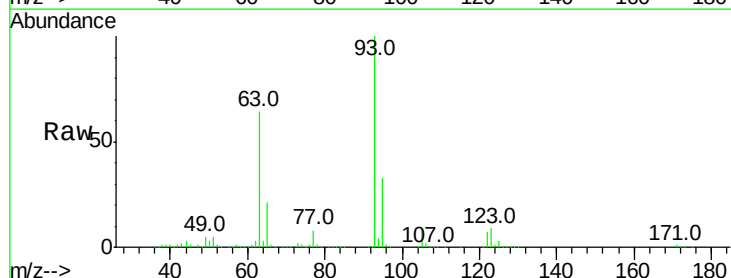
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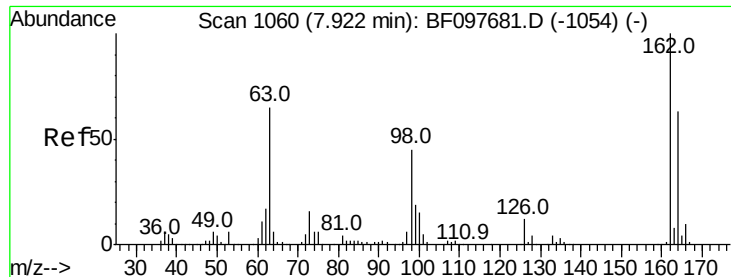
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#28
 bis(2-Chloroethoxy)methane
 Concen: 44.136 ng
 RT: 7.79 min Scan# 969
 Delta R.T. -0.00 min
 Lab File: BF097920.D
 Acq: 21 Aug 2017 22:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		494421		
95	32.8	26.5	39.7		
123	9.4	9.0	13.4		





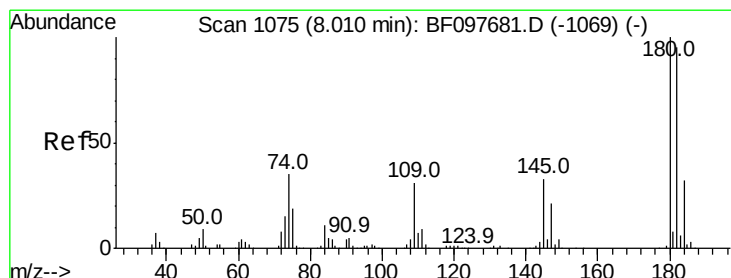
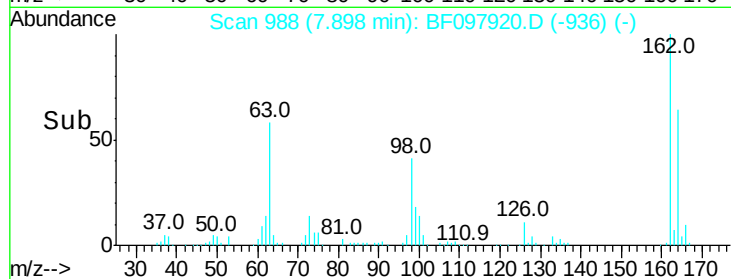
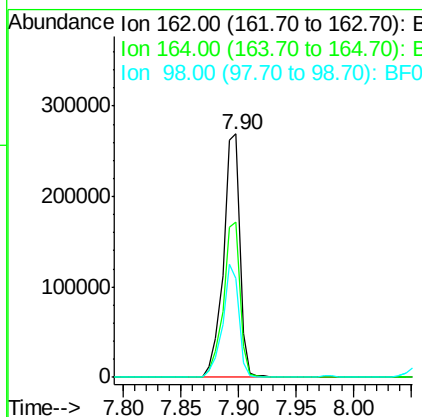
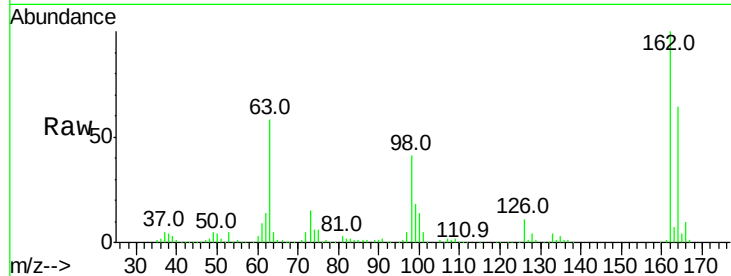
#29
 2,4-Dichlorophenol
 Concen: 45.566 ng
 RT: 7.90 min Scan# 988
 Delta R.T. 0.01 min
 Lab File: BF097920.D
 Acq: 21 Aug 2017 22:10

Instrument :
 BNA_F
 ClientSampleId :
 E2-110-ESWMSD

Tot Ion:	162	Resp:	268789
Ion Ratio	Lower	Upper	
162	100		
164	63.6	44.6	84.6
98	40.6	14.8	54.8

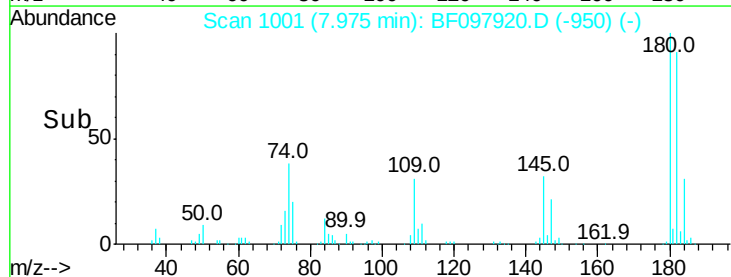
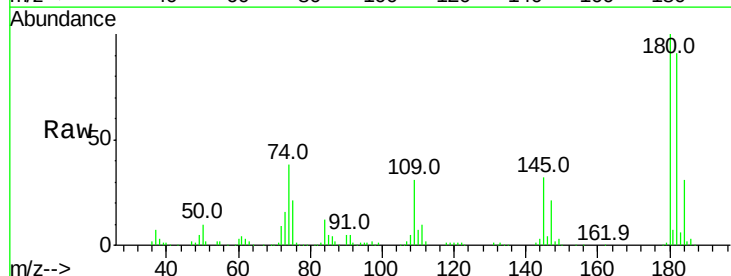
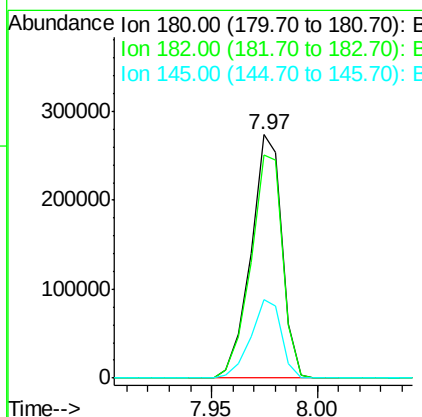
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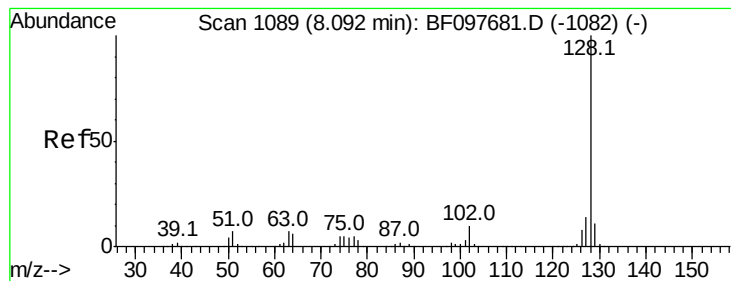
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#30
 1,2,4-Trichlorobenzene
 Concen: 42.625 ng
 RT: 7.97 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: BF097920.D
 Acq: 21 Aug 2017 22:10

Tgt Ion:	180	Resp:	278742
Ion Ratio	Lower	Upper	
180	100		
182	91.5	75.8	113.6
145	32.3	25.3	37.9





#31

Naphthalene

Concen: 44.554 ng

RT: 8.06 min Scan# 1015

Delta R.T. -0.00 min

Lab File: BF097920.D

Acq: 21 Aug 2017 22:10

Instrument :

BNA_F

ClientSampleId :

E2-110-ESWMSD

Tot Ion:128 Resp: 1029685

Ion Ratio Lower Upper

128 100

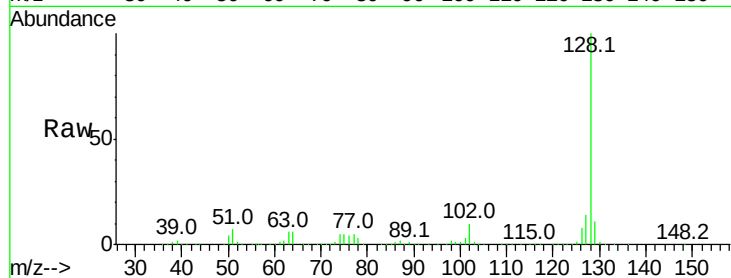
129 11.5 9.0 13.6

127 13.7 10.8 16.2

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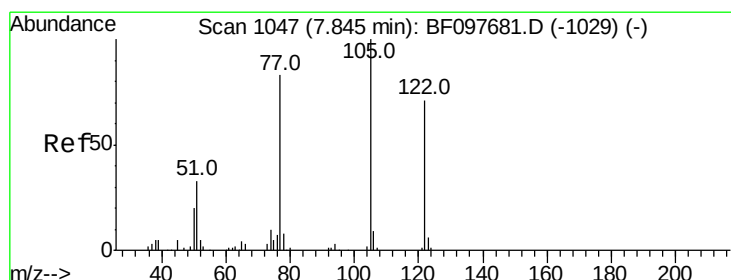
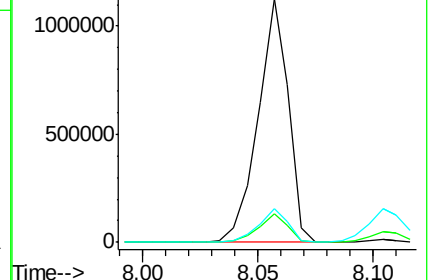
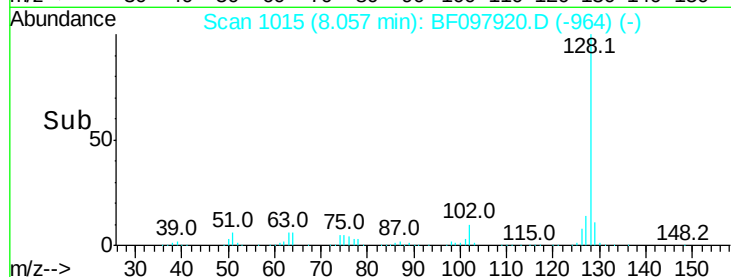
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 43.812 ng

RT: 7.83 min Scan# 976

Delta R.T. -0.01 min

Lab File: BF097920.D

Acq: 21 Aug 2017 22:10

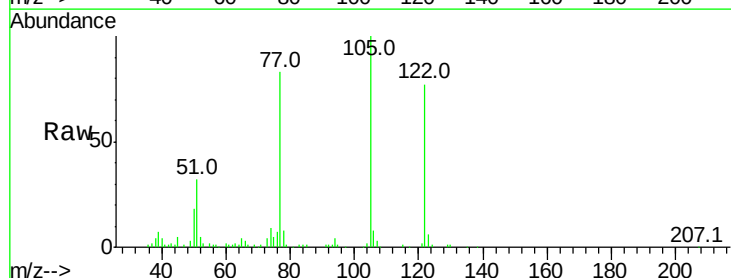
Tgt Ion:122 Resp: 223506

Ion Ratio Lower Upper

122 100

105 130.2 103.3 143.3

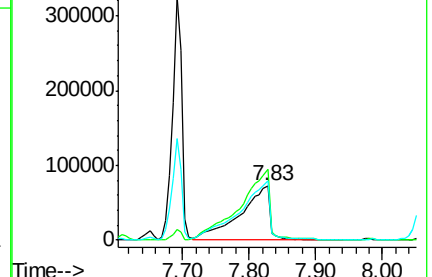
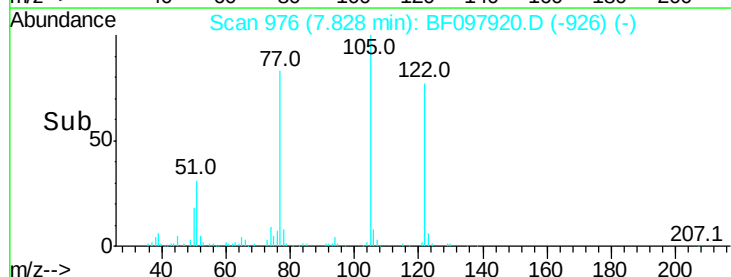
77 108.4 73.7 113.7

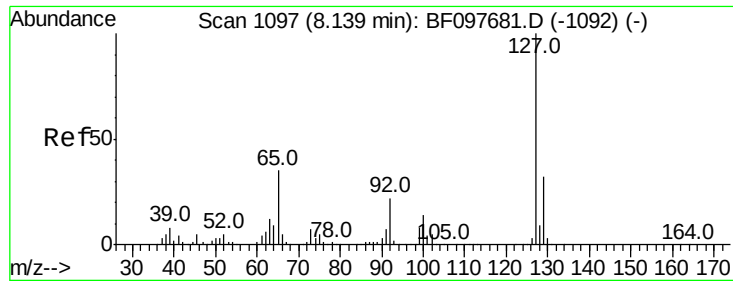


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





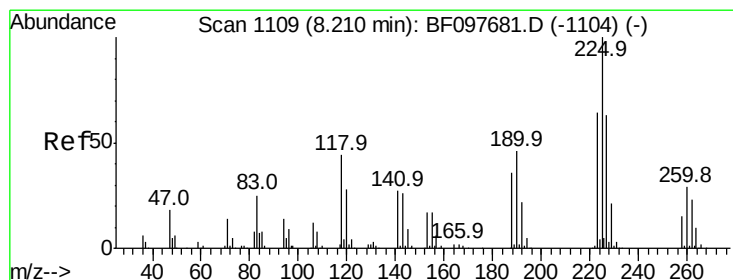
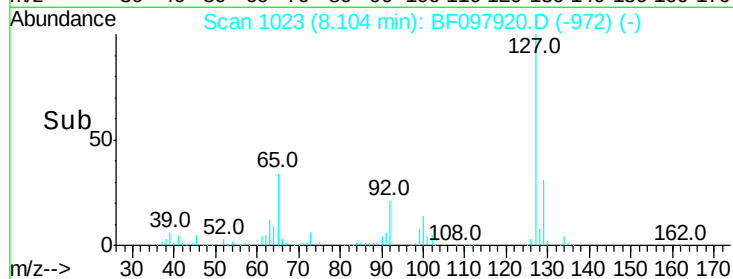
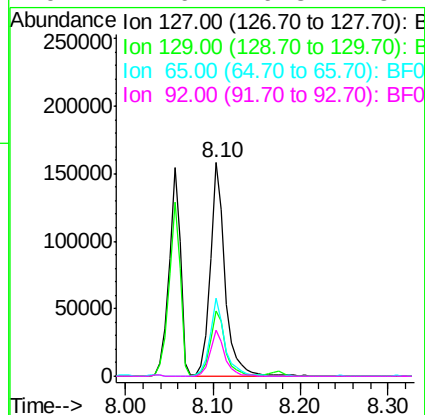
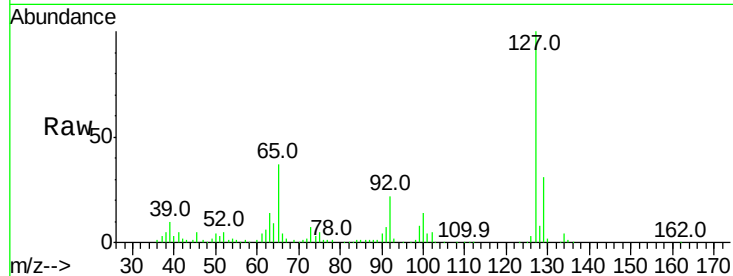
#33
4-Chloroaniline
Concen: 19.030 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BF097920.D
Acq: 21 Aug 2017 22:10

Instrument :
BNA_F
ClientSampleId :
E2-110-ESWMSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100	185481		
129	30.8	26.2	39.2	
65	36.5	27.8	41.8	
92	21.6	16.8	25.2	

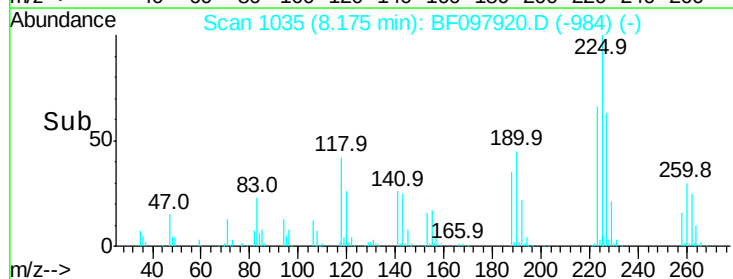
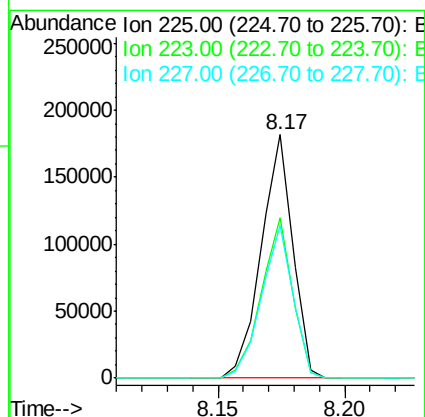
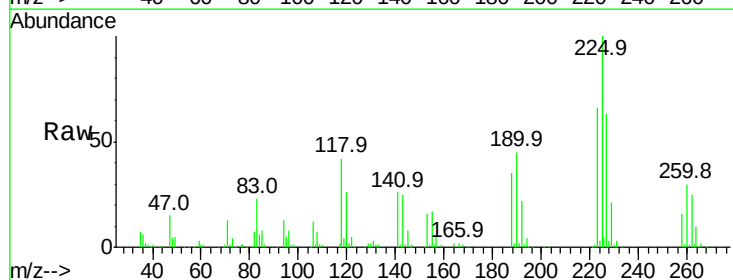
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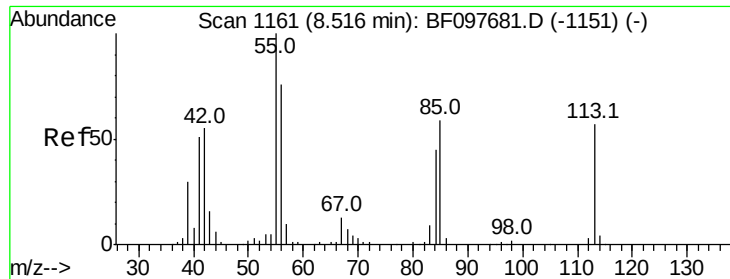
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#34
Hexachlorobutadiene
Concen: 41.089 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BF097920.D
Acq: 21 Aug 2017 22:10

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	156884		
223	66.0	48.8	73.2	
227	62.6	51.1	76.7	





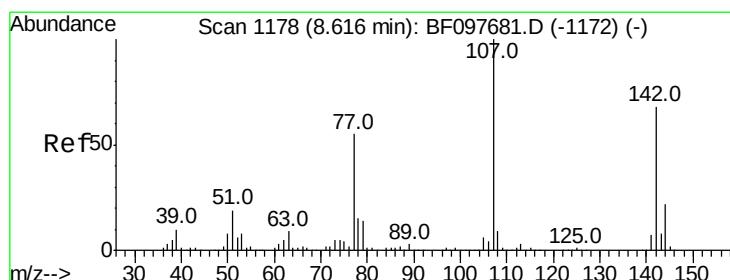
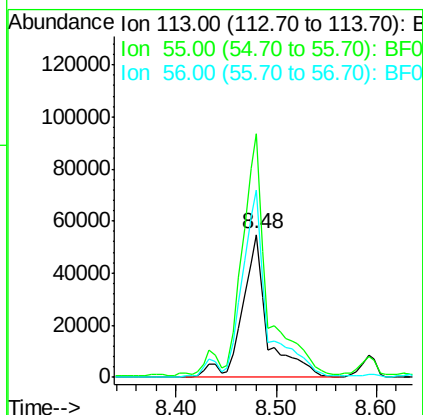
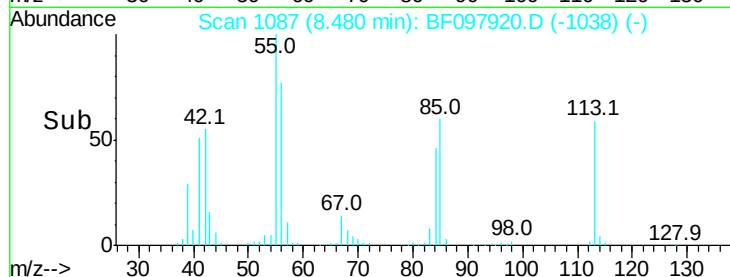
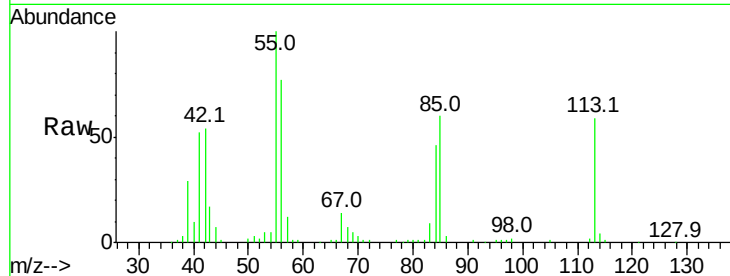
#35
 Caprolactam
 Concen: 48.014 ng/ml
 RT: 8.48 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: BF097920.D
 Acq: 21 Aug 2017 22:10

Instrument :
 BNA_F
 ClientSampleId :
 E2-110-ESWMSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	170.5	150.2	190.2
56	130.9	107.8	147.8

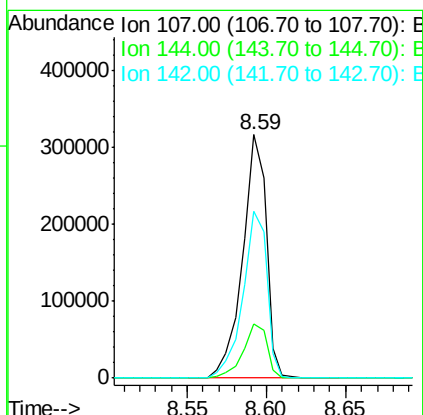
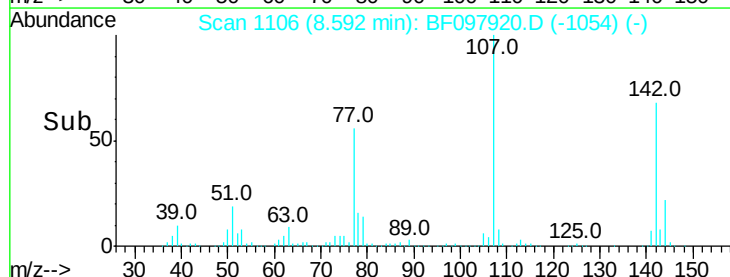
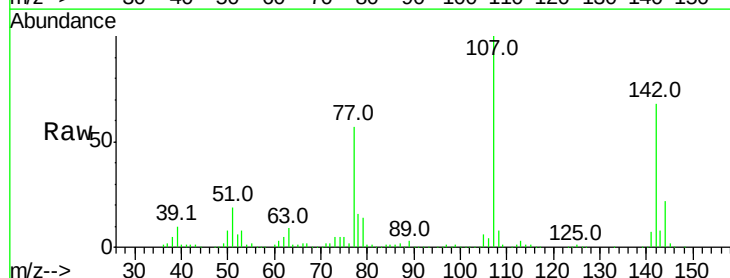
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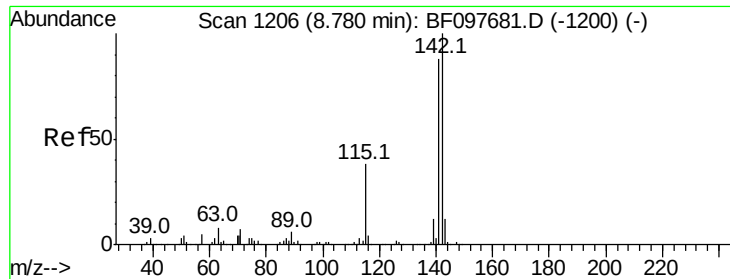
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#36
 4-Chloro-3-methylphenol
 Concen: 43.337 ng/ml
 RT: 8.59 min Scan# 1106
 Delta R.T. 0.01 min
 Lab File: BF097920.D
 Acq: 21 Aug 2017 22:10

Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.2	24.2	36.4#
142	68.5	73.4	110.0#





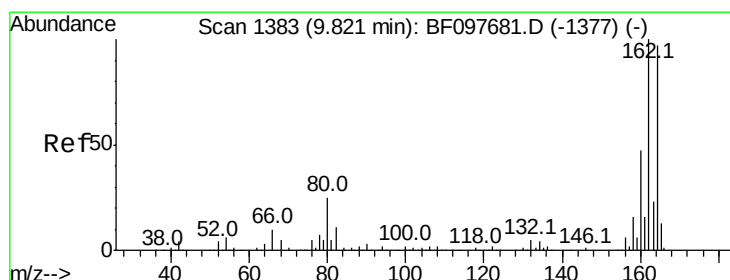
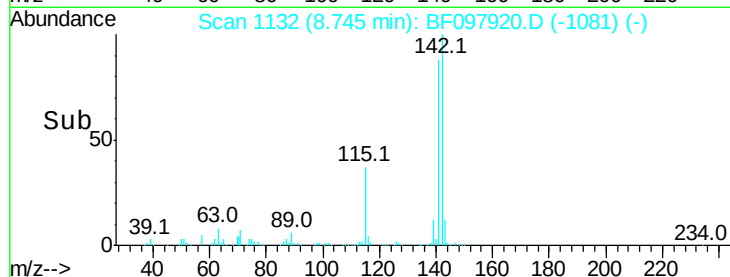
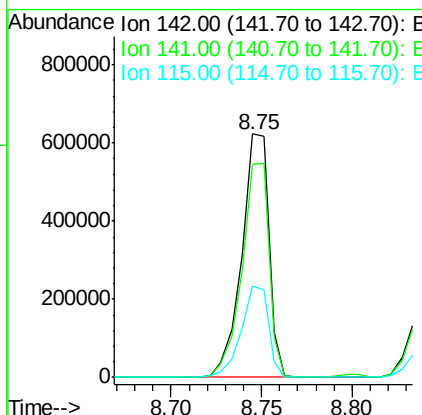
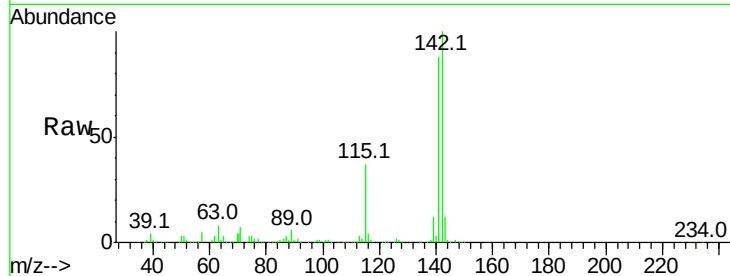
#37
2-Methylnaphthalene
Concen: 45.894 ng
RT: 8.75 min Scan# 1132
Delta R.T. -0.00 min
Lab File: BF097920.D
Acq: 21 Aug 2017 22:10

Instrument :
BNA_F
ClientSampleId :
E2-110-ESWMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.6	71.3	106.9
115	37.4	27.1	40.7

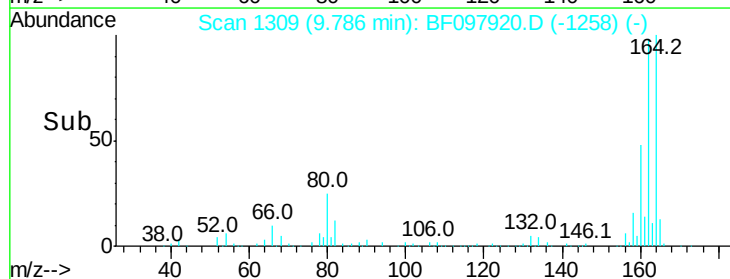
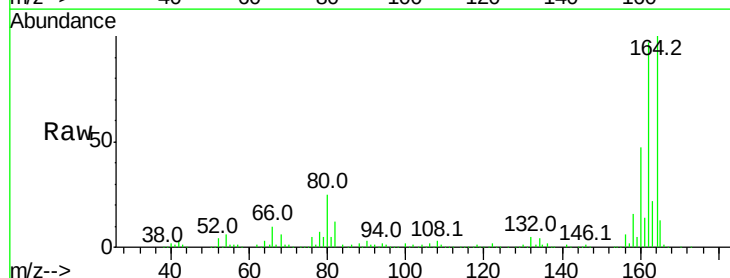
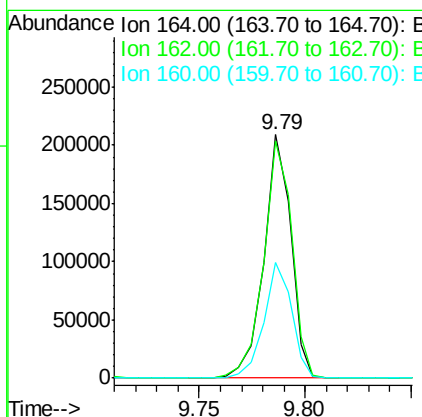
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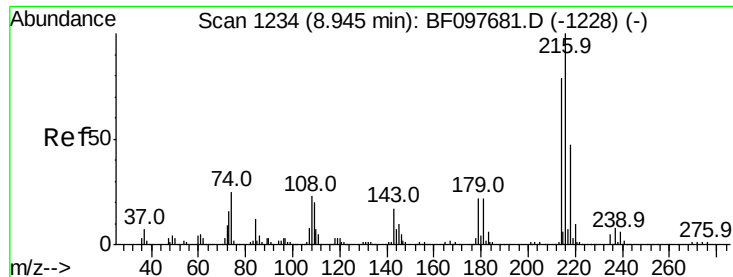
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BF097920.D
Acq: 21 Aug 2017 22:10

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.5	82.6	123.8
160	47.4	36.2	54.2





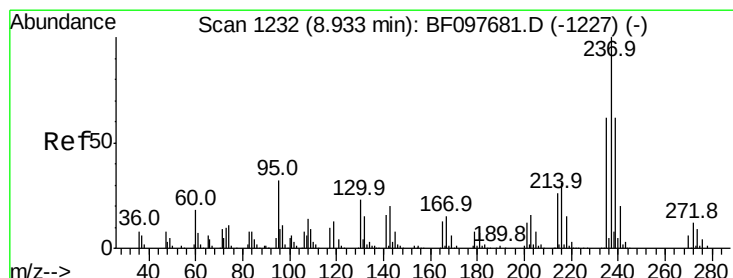
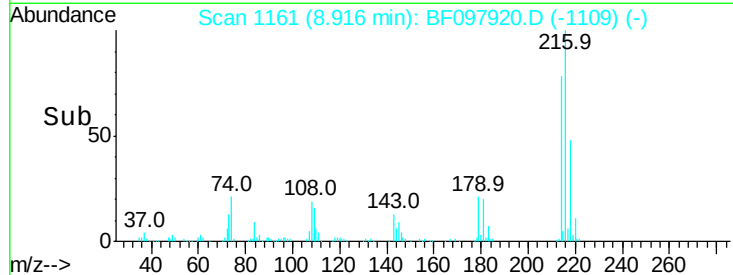
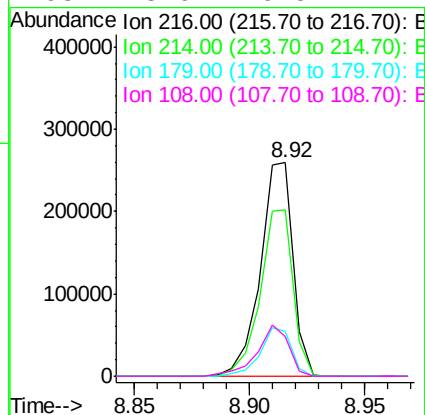
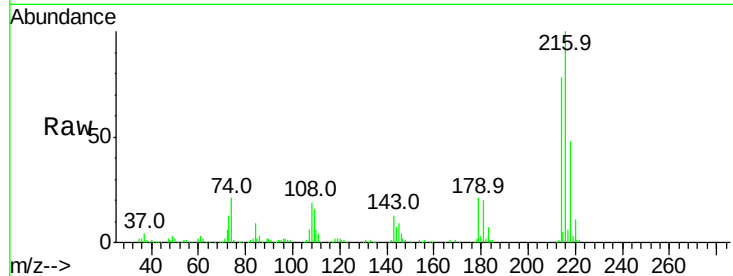
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.543 ng
 RT: 8.92 min Scan# 1161
 Delta R.T. 0.01 min
 Lab File: BF097920.D
 Acq: 21 Aug 2017 22:10

Instrument :
 BNA_F
 ClientSampleId :
 E2-110-ESWMSD

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	78.3	63.4	95.2
179	21.7	17.9	26.9
108	23.6	16.5	24.7

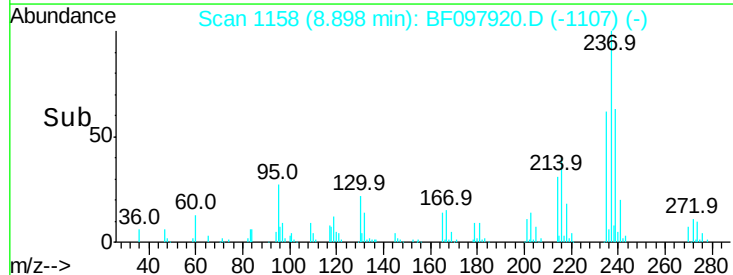
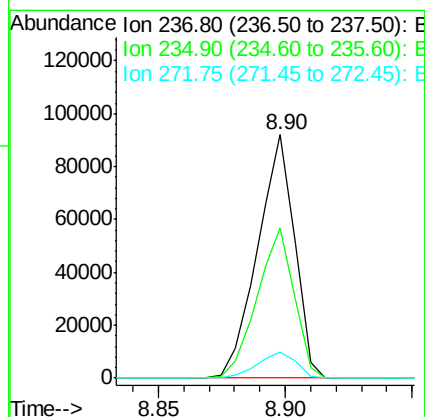
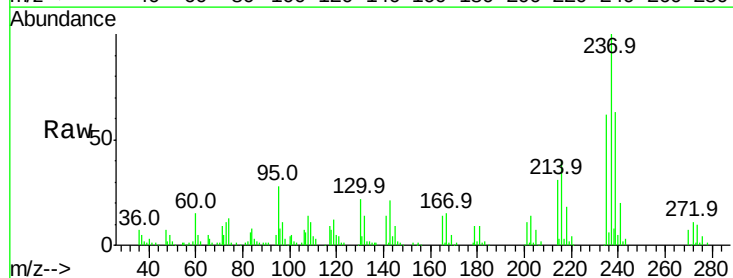
Manual Integrations
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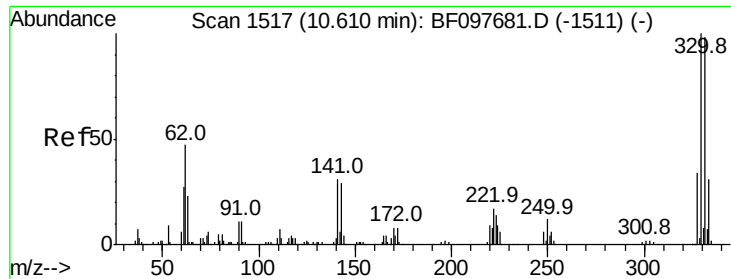
Sohil
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#40
 Hexachlorocyclopentadiene
 Concen: 33.563 ng
 RT: 8.90 min Scan# 1158
 Delta R.T. -0.00 min
 Lab File: BF097920.D
 Acq: 21 Aug 2017 22:10

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	61.6	42.6	82.6
272	10.9	0.0	31.9





#41

2,4,6-Tribromophenol

Concen: 103.621 ng

RT: 10.57 min Scan# 1443

Delta R.T. -0.00 min

Lab File: BF097920.D

Acq: 21 Aug 2017 22:10

Instrument :

BNA_F

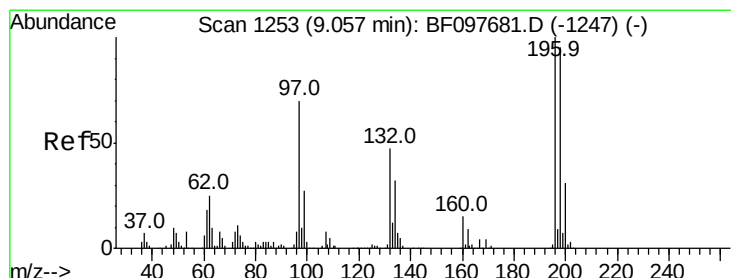
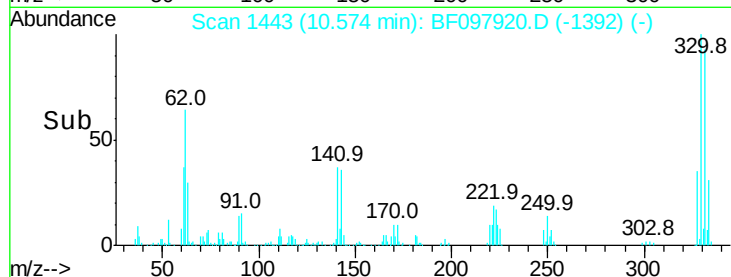
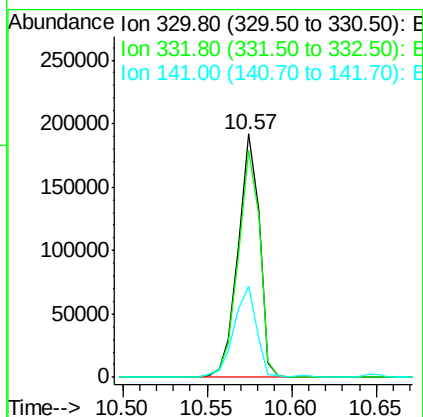
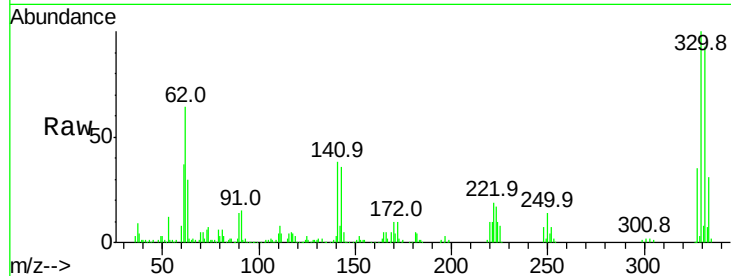
ClientSampleId :

E2-110-ESWMSD

Tot Ion:	330	Resp:	168499
Ion Ratio	Lower	Upper	
330	100		
332	94.7	76.6	115.0
141	39.2	31.4	47.2

Manual Integrations
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#42

2,4,6-Trichlorophenol

Concen: 46.011 ng

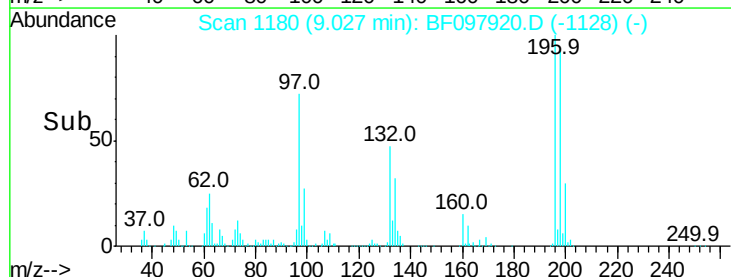
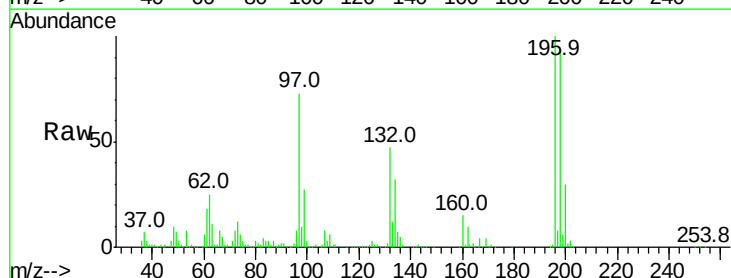
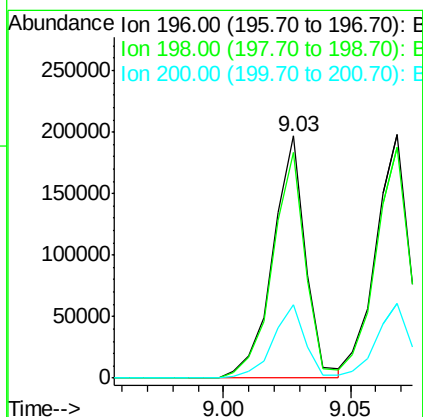
RT: 9.03 min Scan# 1180

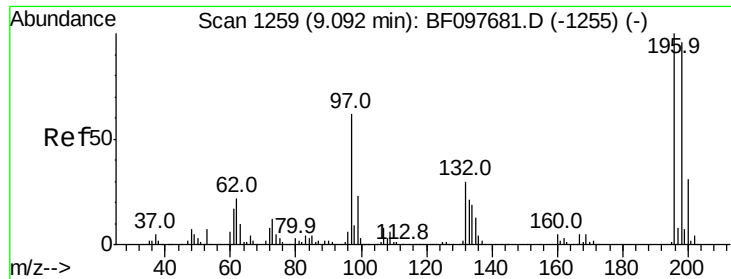
Delta R.T. 0.01 min

Lab File: BF097920.D

Acq: 21 Aug 2017 22:10

Tgt Ion:	196	Resp:	177672
Ion Ratio	Lower	Upper	
196	100		
198	93.0	74.2	111.4
200	30.1	24.0	36.0





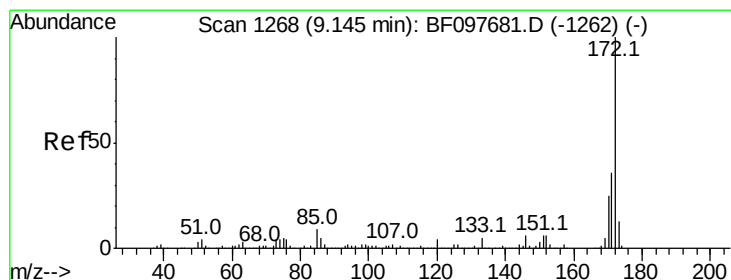
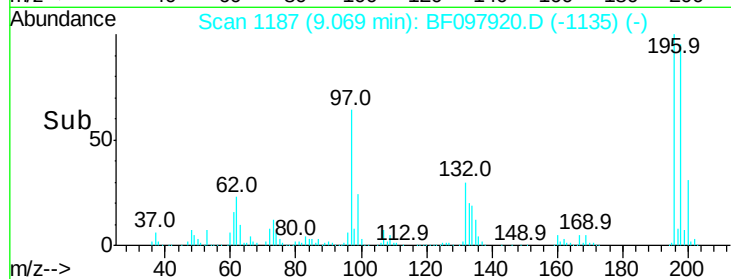
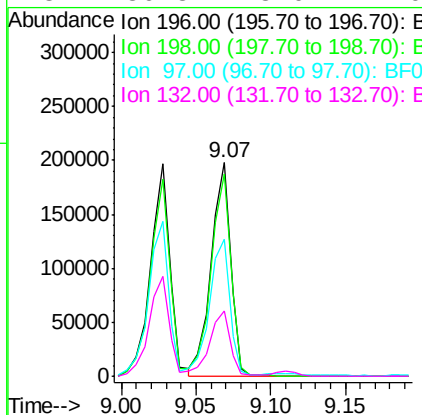
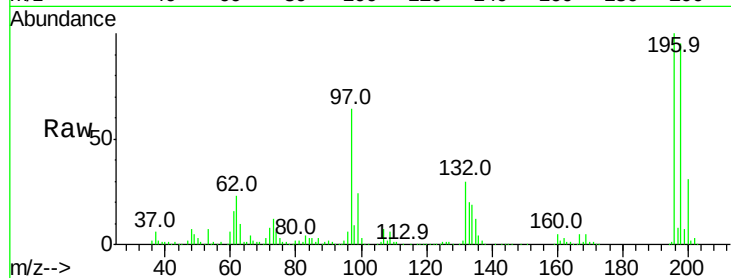
#43
 2,4,5-Trichlorophenol
 Concen: 47.465 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. 0.01 min
 Lab File: BF097920.D
 Acq: 21 Aug 2017 22:10

Instrument :
 BNA_F
 ClientSampleId :
 E2-110-ESWMSD

Tot Ion	196	Resp	181834
Ion Ratio	Lower	Upper	
196	100		
198	94.7	75.7	113.5
97	63.9	47.7	71.5
132	30.3	28.0	42.0

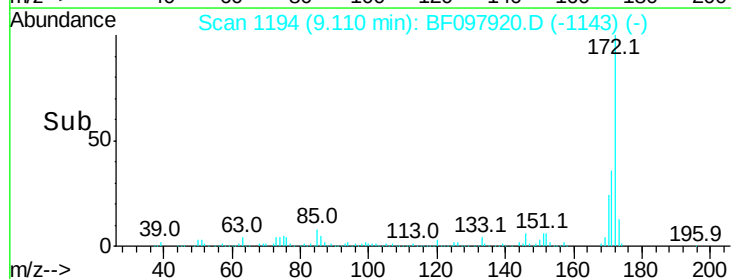
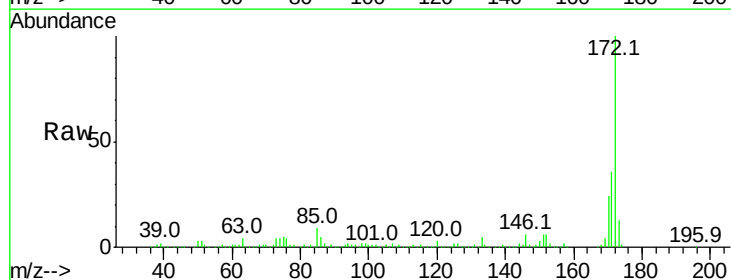
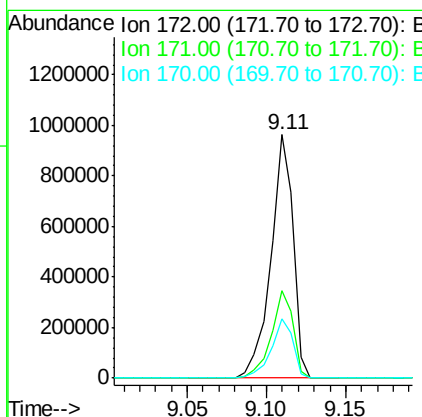
Manual Integrations
 APPROVED

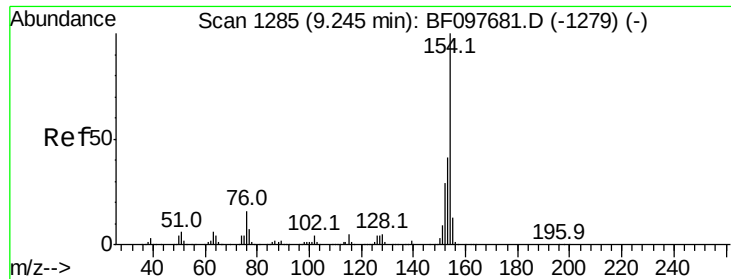
Sohil
 8/22/2017 5:44:42 PM



#44
 2-Fluorobiphenyl
 Concen: 73.865 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: BF097920.D
 Acq: 21 Aug 2017 22:10

Tgt Ion	172	Resp	942224
Ion Ratio	Lower	Upper	
172	100		
171	35.8	29.6	44.4
170	24.3	19.8	29.8





#45

1,1'-Biphenyl

Concen: 42.380 ng

RT: 9.21 min Scan# 1211

Delta R.T. -0.00 min

Lab File: BF097920.D

Acq: 21 Aug 2017 22:10

Instrument :

BNA_F

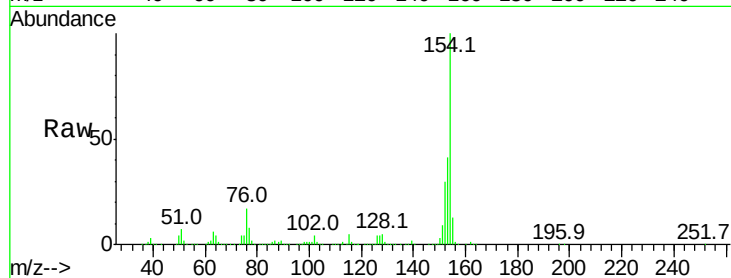
ClientSampleId :

E2-110-ESWMSD

Tot Ion:	154	Resp:	724286
Ion Ratio	Lower	Upper	
154	100		
153	41.3	21.2	61.2
76	16.7	0.0	29.9

Manual Integrations
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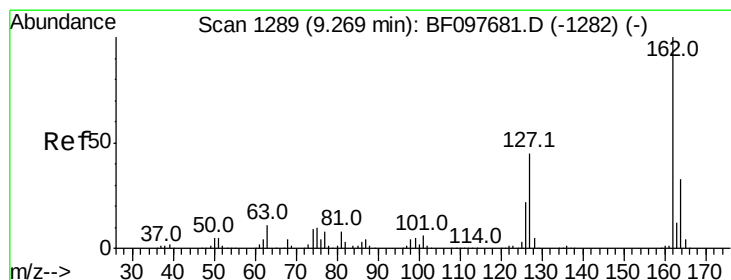
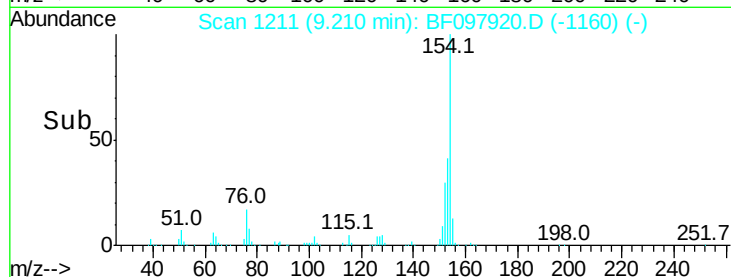
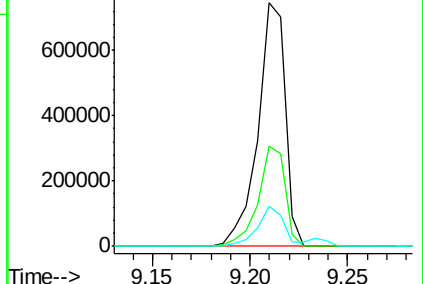
Sohil
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 41.634 ng

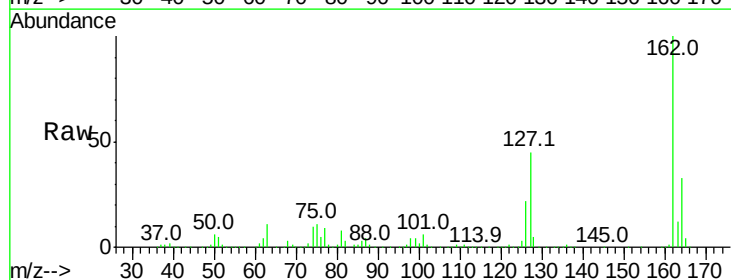
RT: 9.23 min Scan# 1215

Delta R.T. -0.00 min

Lab File: BF097920.D

Acq: 21 Aug 2017 22:10

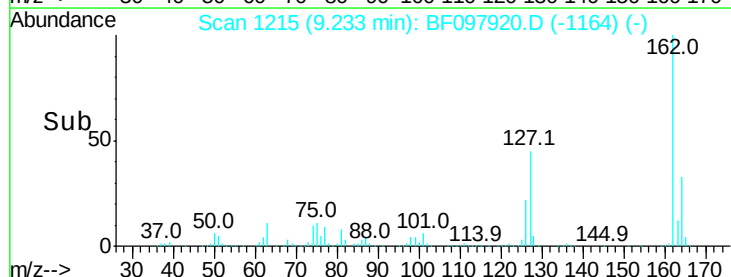
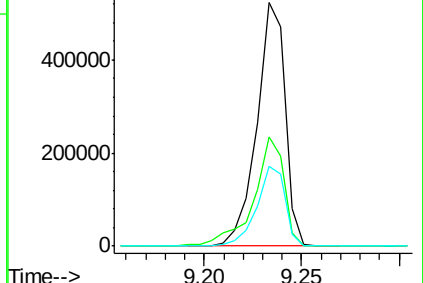
Tgt Ion:	162	Resp:	525738
Ion Ratio	Lower	Upper	
162	100		
127	45.1	28.3	42.5#
164	32.8	27.0	40.4

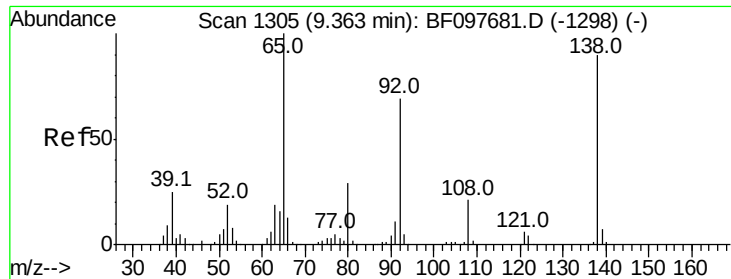


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





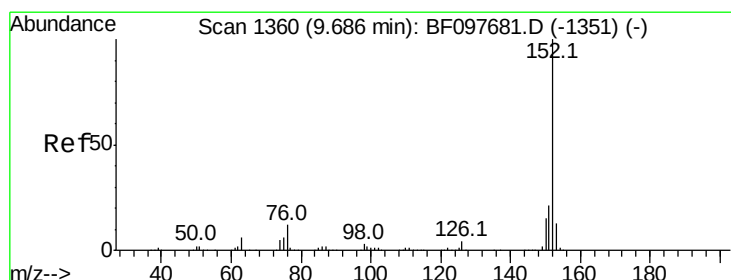
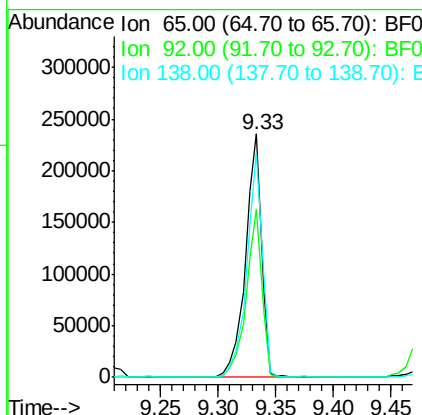
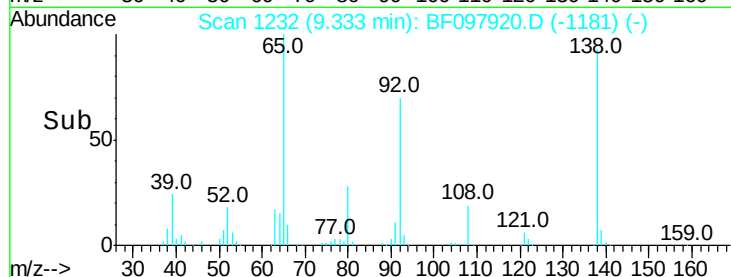
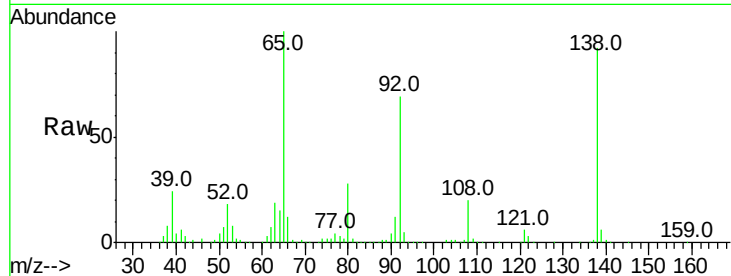
#47
 2-Nitroaniline
 Concen: 53.766 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: BF097920.D
 Acq: 21 Aug 2017 22:10

Instrument :
 BNA_F
 ClientSampleId :
 E2-110-ESWMSD

Tot Ion:	65	Resp:	227606
Ion Ratio	Lower	Upper	
65	100		
92	69.2	53.9	80.9
138	92.2	78.8	118.2

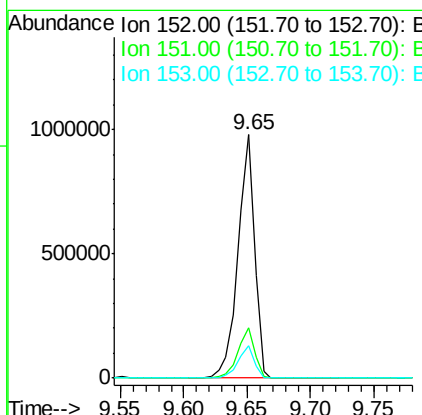
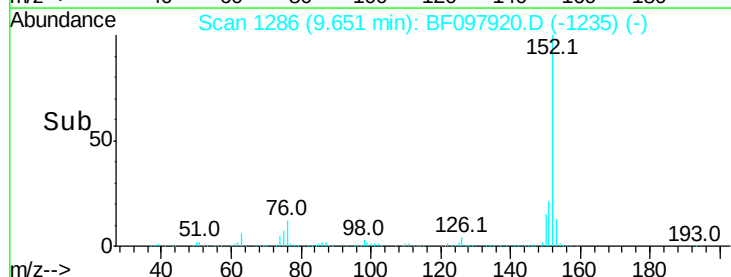
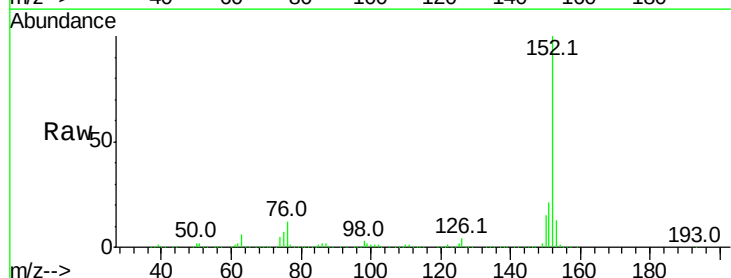
Manual Integrations
 APPROVED

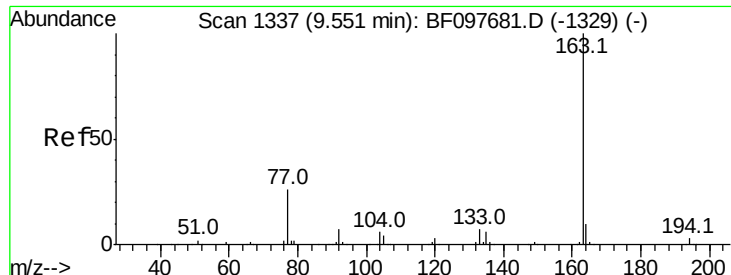
Sohil
 8/22/2017 5:44:42 PM



#48
 Acenaphthylene
 Concen: 44.109 ng
 RT: 9.65 min Scan# 1286
 Delta R.T. -0.00 min
 Lab File: BF097920.D
 Acq: 21 Aug 2017 22:10

Tgt Ion:	152	Resp:	874676
Ion Ratio	Lower	Upper	
152	100		
151	20.6	16.8	25.2
153	13.3	10.8	16.2





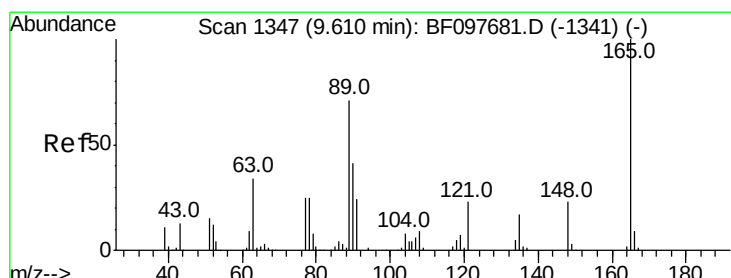
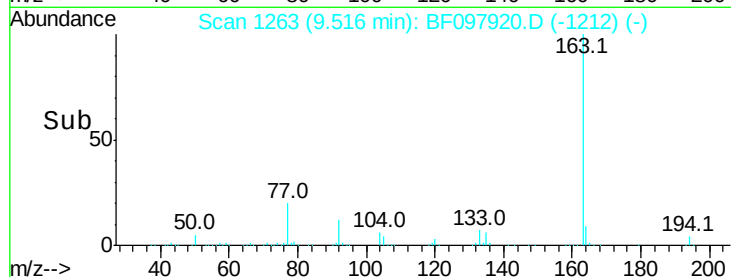
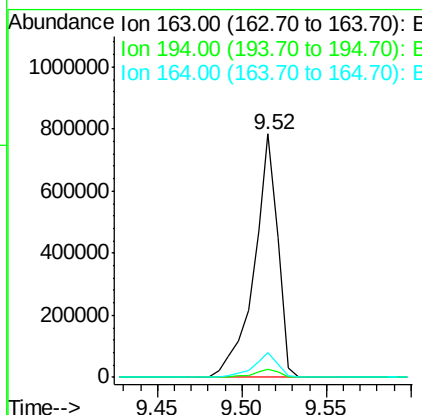
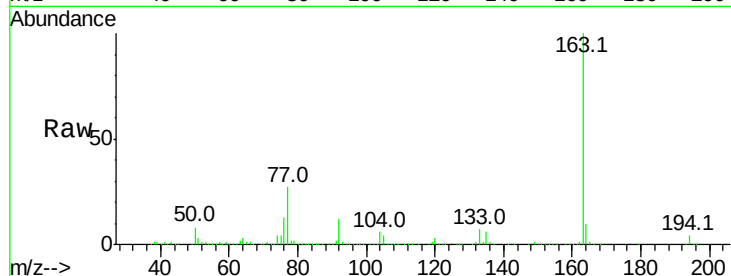
#49
Dimethylphthalate
Concen: 55.768 ng
RT: 9.52 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BF097920.D
Acq: 21 Aug 2017 22:10

Instrument :
BNA_F
ClientSampleId :
E2-110-ESWMSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.5	2.6	4.0	
164	10.3	8.4	12.6	

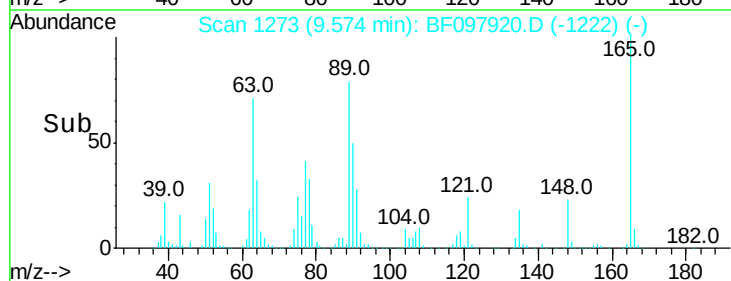
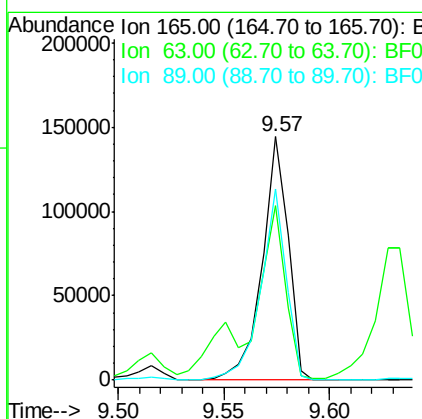
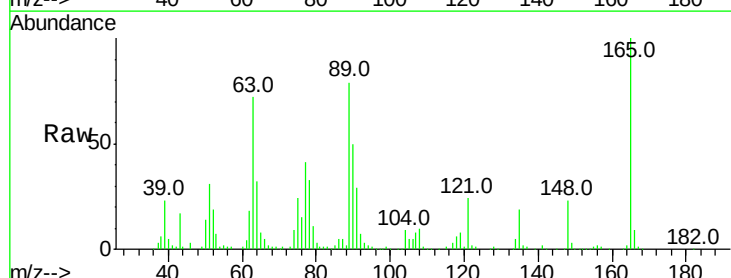
Manual Integrations
APPROVED

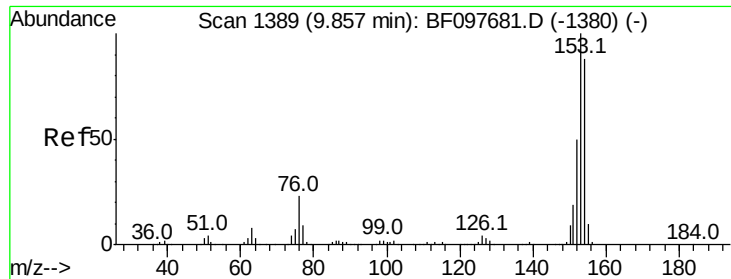
Sohil
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#50
2,6-Dinitrotoluene
Concen: 45.438 ng
RT: 9.57 min Scan# 1273
Delta R.T. -0.00 min
Lab File: BF097920.D
Acq: 21 Aug 2017 22:10

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	71.5	34.3	51.5#	
89	78.6	37.1	55.7#	





#51

Acenaphthene

Concen: 42.474 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.00 min

Lab File: BF097920.D

Acq: 21 Aug 2017 22:10

Instrument :

BNA_F

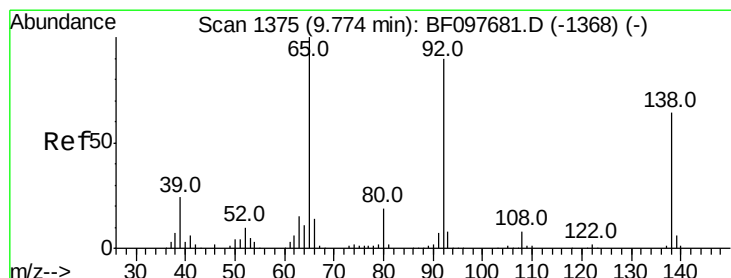
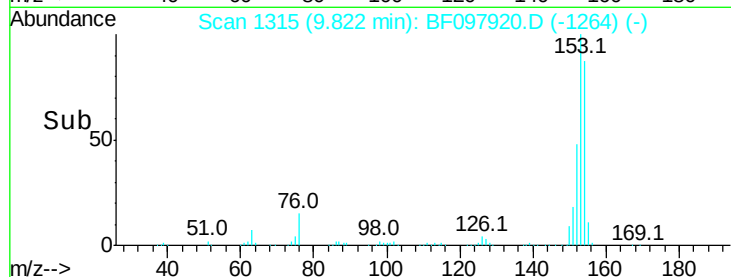
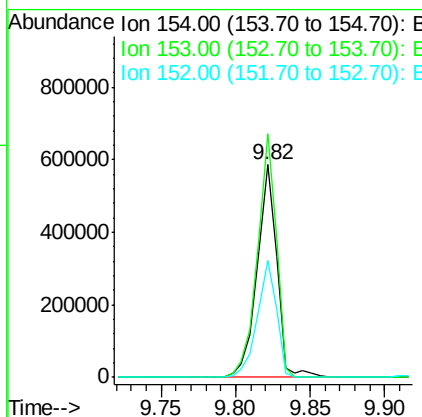
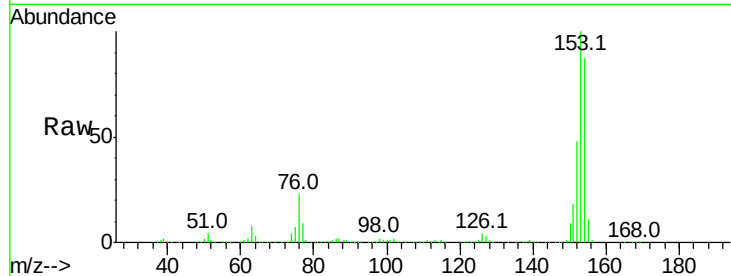
ClientSampleId :

E2-110-ESWMSD

Tot Ion	154	Resp	531199
Ion Ratio	Lower	Upper	
154	100		
153	114.5	90.5	135.7
152	55.1	43.6	65.4

Manual Integrations
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#52

3-Nitroaniline

Concen: 32.648 ng

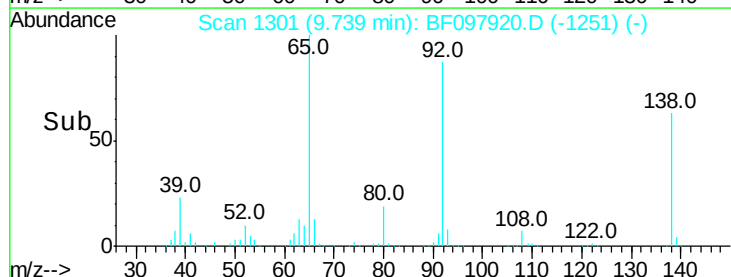
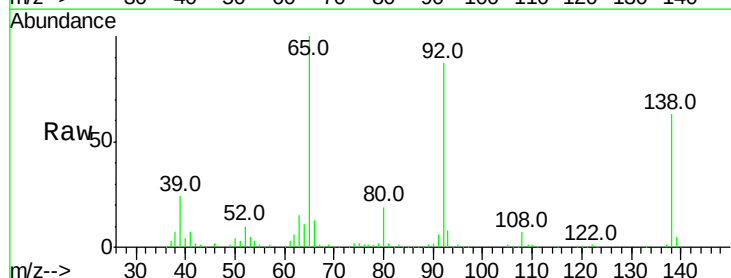
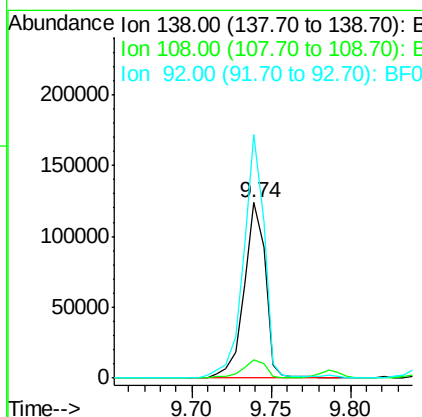
RT: 9.74 min Scan# 1301

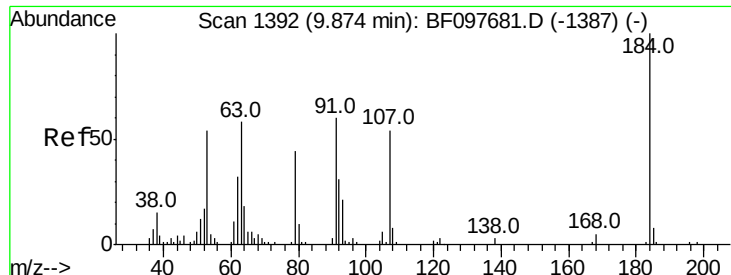
Delta R.T. -0.01 min

Lab File: BF097920.D

Acq: 21 Aug 2017 22:10

Tgt Ion	138	Resp	115184
Ion Ratio	Lower	Upper	
138	100		
108	10.7	9.1	13.7
92	138.6	93.8	140.6





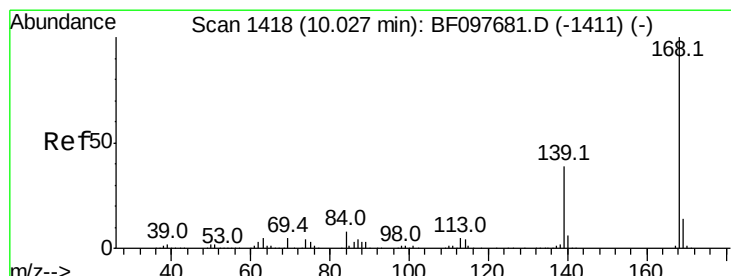
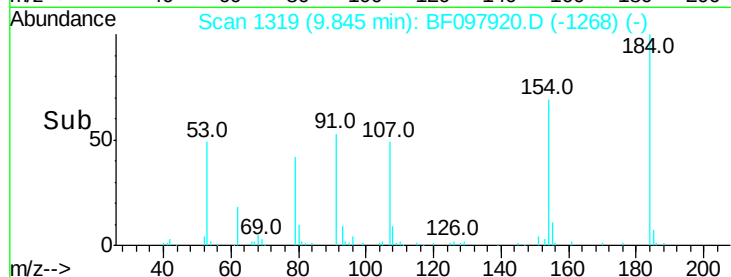
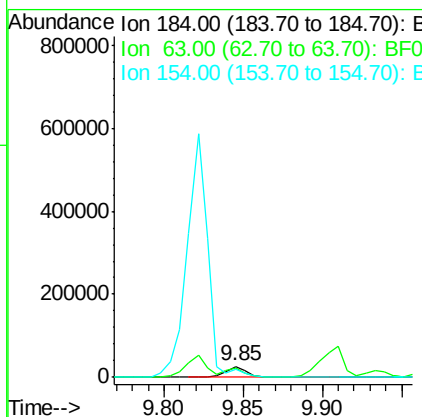
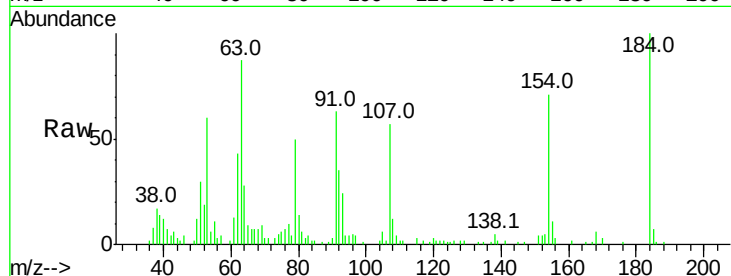
#53
 2,4-Dinitrophenol
 Concen: 26.473 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.00 min
 Lab File: BF097920.D
 Acq: 21 Aug 2017 22:10

Instrument :
 BNA_F
 ClientSampleId :
 E2-110-ESWMSD

Tot Ion:	184	Resp:	24327
Ion Ratio	Lower	Upper	
184	100		
63	86.7	62.7	94.1
154	70.8	81.1	121.7#

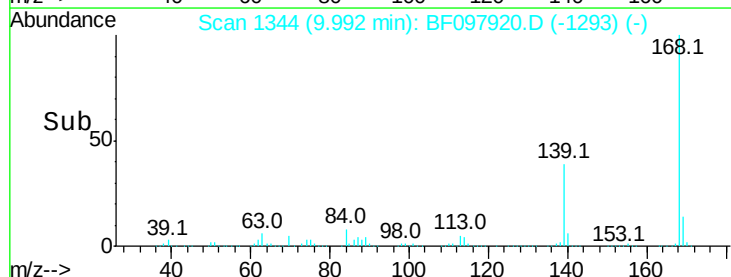
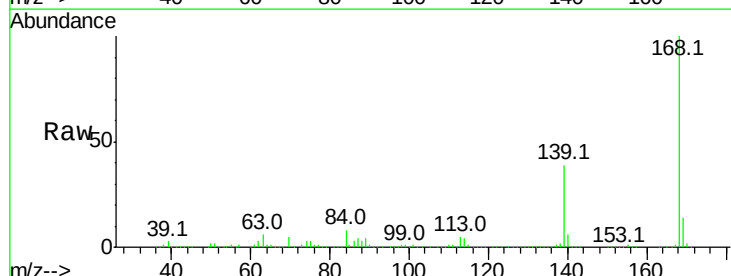
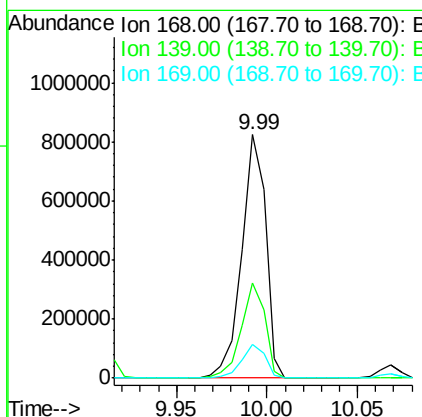
Manual Integrations
 APPROVED

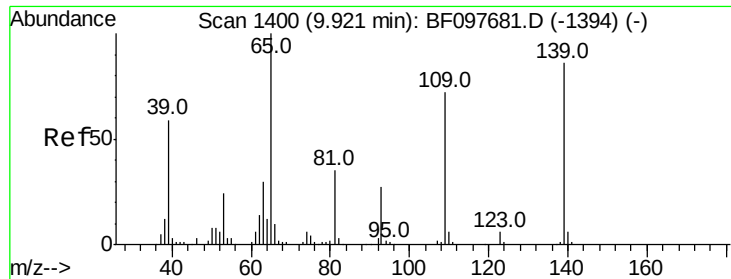
Sohil
 8/22/2017 5:44:42 PM



#54
 Dibenzofuran
 Concen: 45.305 ng
 RT: 9.99 min Scan# 1344
 Delta R.T. -0.00 min
 Lab File: BF097920.D
 Acq: 21 Aug 2017 22:10

Tgt Ion:	168	Resp:	759375
Ion Ratio	Lower	Upper	
168	100		
139	39.2	30.6	45.8
169	14.1	10.8	16.2





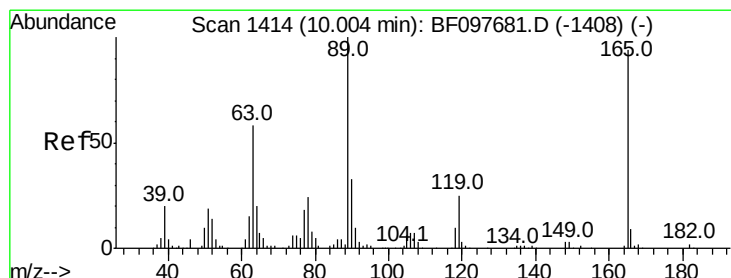
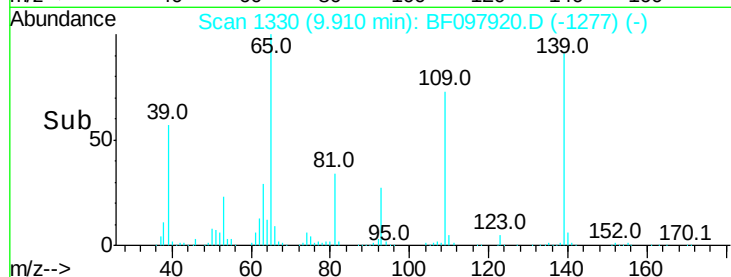
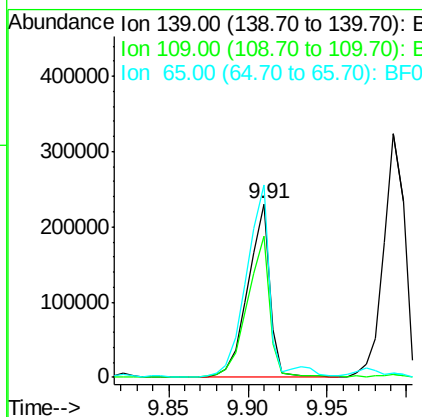
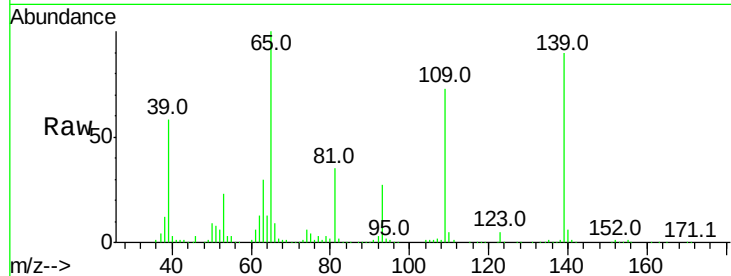
#55
4-Nitrophenol
Concen: 79.274 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.01 min
Lab File: BF097920.D
Acq: 21 Aug 2017 22:10

Instrument :
BNA_F
ClientSampleId :
E2-110-ESWMSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	81.0	34.1	74.1#	
65	110.7	31.4	71.4#	

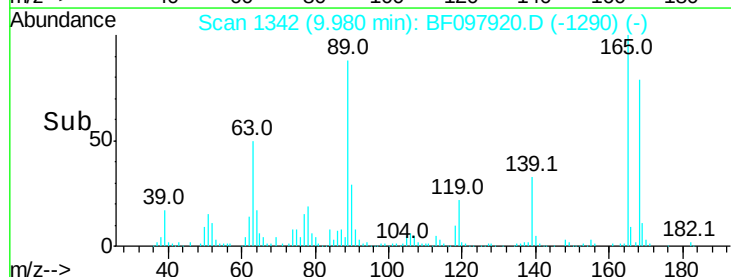
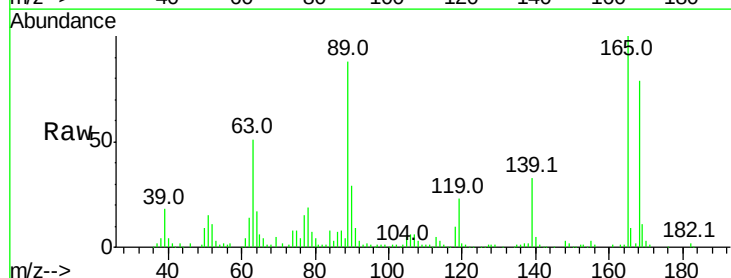
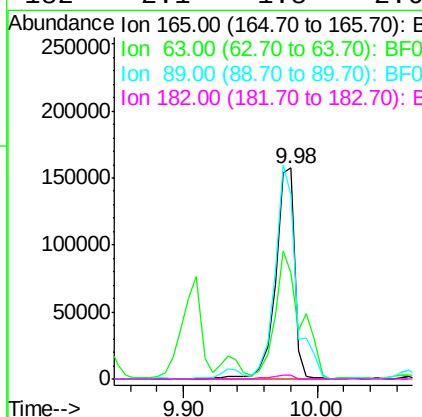
Manual Integrations
APPROVED

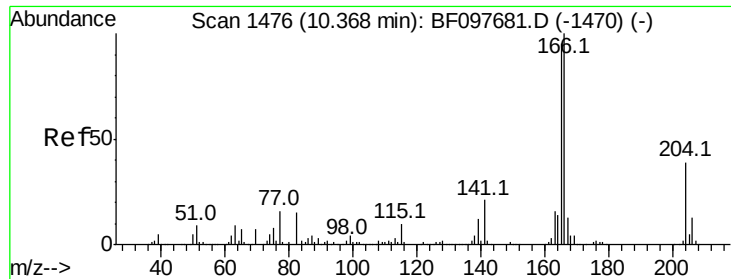
Sohil
8/22/2017 5:44:42 PM



#56
2,4-Dinitrotoluene
Concen: 46.044 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF097920.D
Acq: 21 Aug 2017 22:10

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	50.7	25.4	38.0#	
89	87.6	46.4	69.6#	
182	2.1	1.8	2.6	





#57

Fluorene

Concen: 42.526 ng

RT: 10.33 min Scan# 1402

Delta R.T. -0.00 min

Lab File: BF097920.D

Acq: 21 Aug 2017 22:10

Instrument :

BNA_F

ClientSampleId :

E2-110-ESWMSD

Tot Ion:166 Resp: 551093

Ion Ratio Lower Upper

166 100

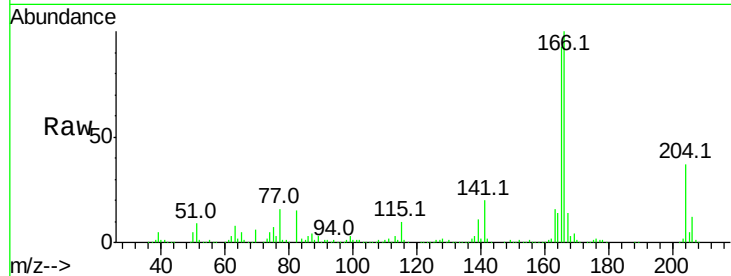
165 93.3 78.8 118.2

167 13.7 10.6 16.0

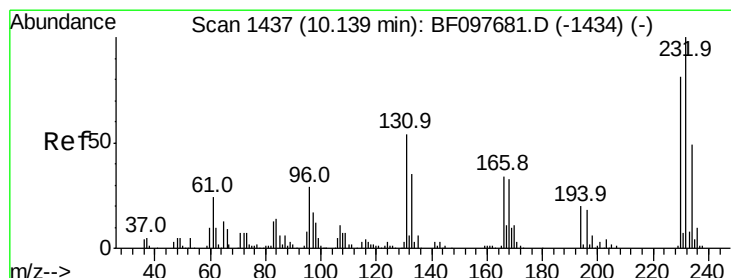
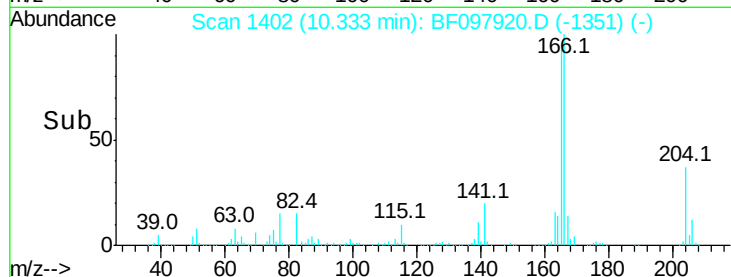
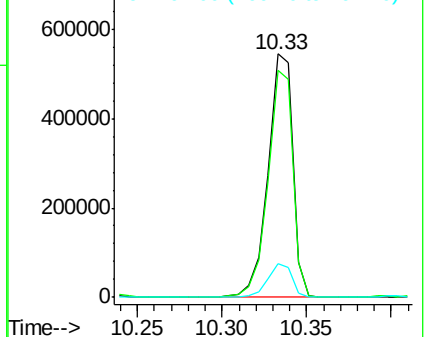
Manual Integrations
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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 47.307 ng

RT: 10.11 min Scan# 1364

Delta R.T. -0.00 min

Lab File: BF097920.D

Acq: 21 Aug 2017 22:10

Tgt Ion:232 Resp: 140313

Ion Ratio Lower Upper

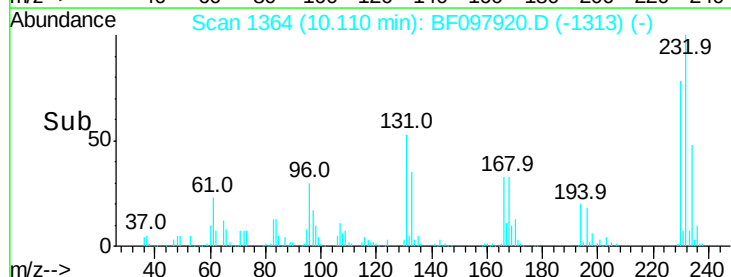
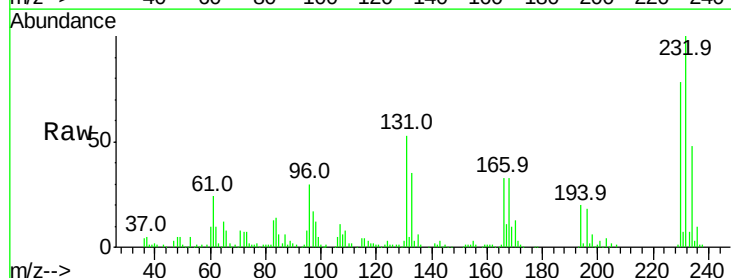
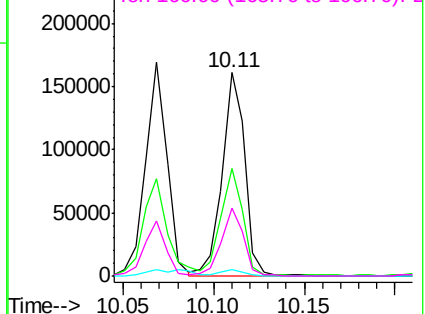
232 100

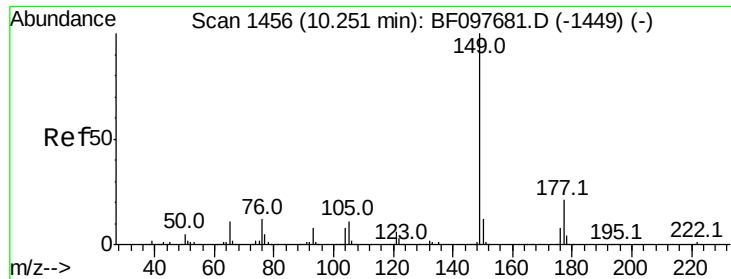
131 50.6 44.8 67.2

130 3.3 2.3 3.5

166 32.9 29.0 43.4

Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





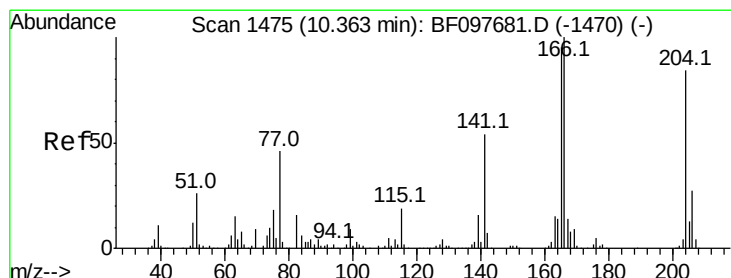
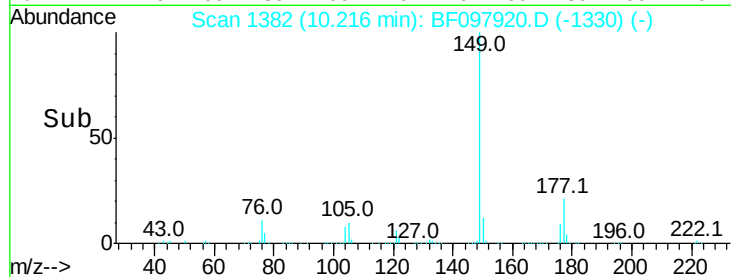
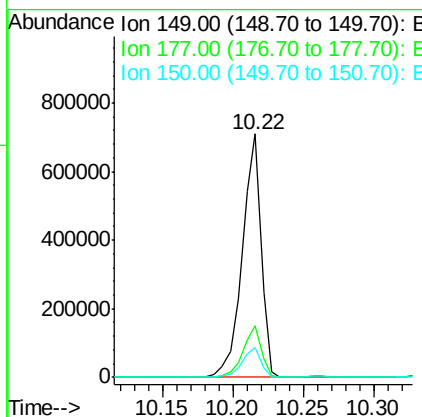
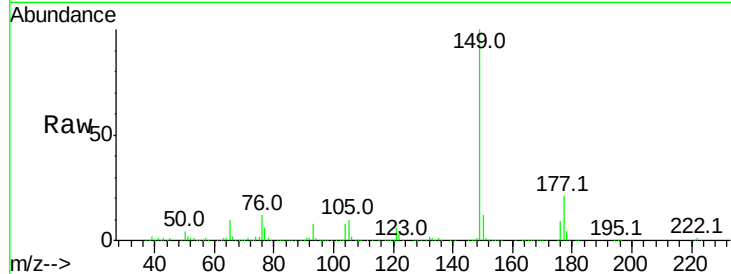
#59
Diethylphthalate
Concen: 45.849 ng
RT: 10.22 min Scan# 1382
Delta R.T. 0.01 min
Lab File: BF097920.D
Acq: 21 Aug 2017 22:10

Instrument :
BNA_F
ClientSampleId :
E2-110-ESWMSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	656825		
177	21.3	16.7	25.1	
150	12.3	10.2	15.2	

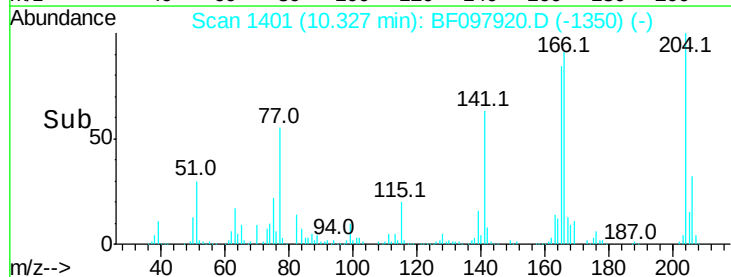
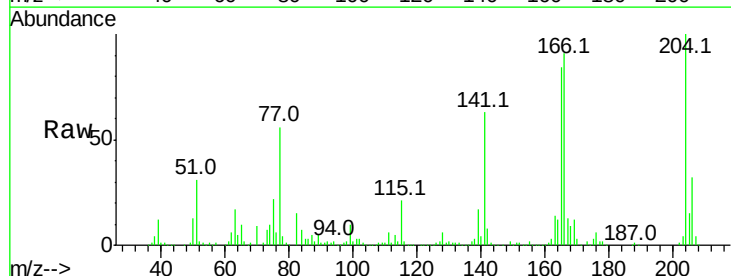
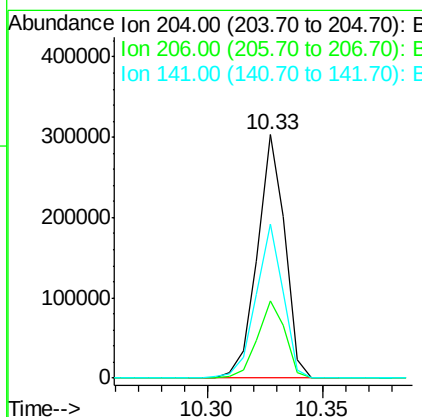
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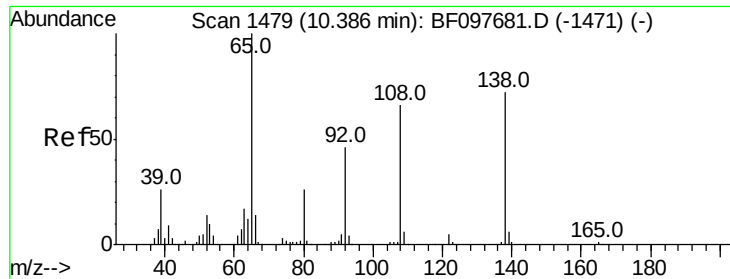
Sohil
8/22/2017 5:44:42 PM



#60
4-Chlorophenyl-phenylether
Concen: 41.819 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.00 min
Lab File: BF097920.D
Acq: 21 Aug 2017 22:10

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	251764		
206	32.0	26.2	39.2	
141	63.3	60.8	91.2	





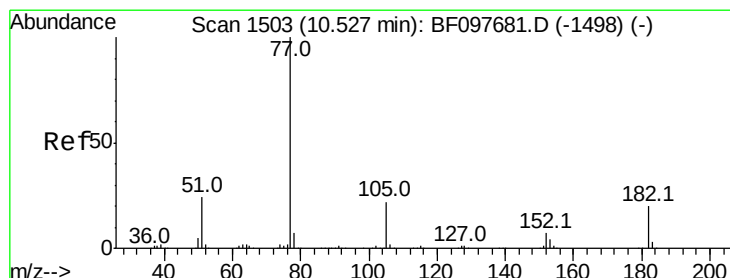
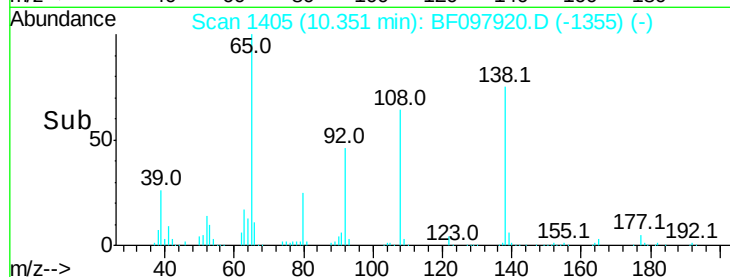
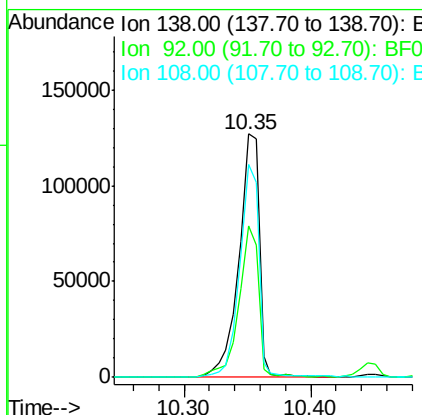
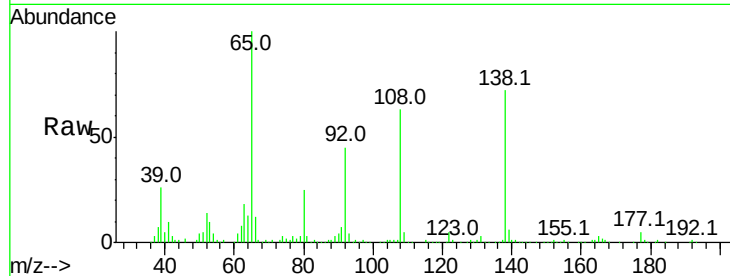
#61
4-Nitroaniline
Concen: 42.153 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF097920.D
Acq: 21 Aug 2017 22:10

Instrument :
BNA_F
ClientSampleId :
E2-110-ESWMSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
92	62.2	21.8	61.8#	
108	87.4	42.3	82.3#	

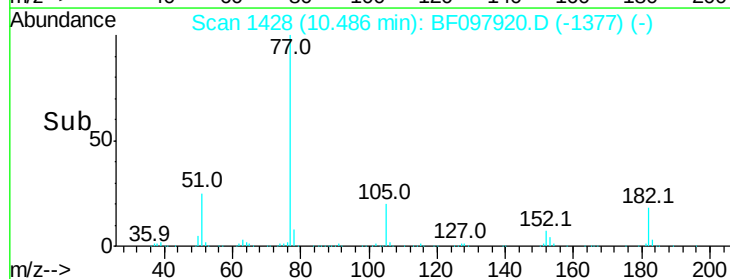
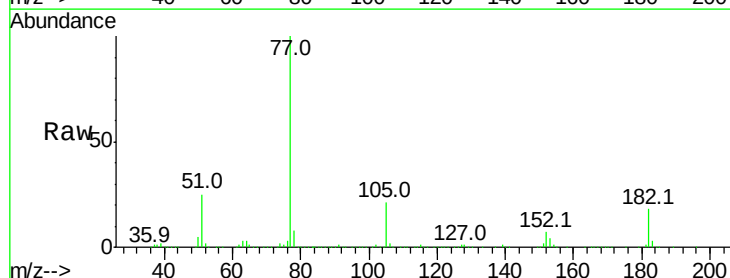
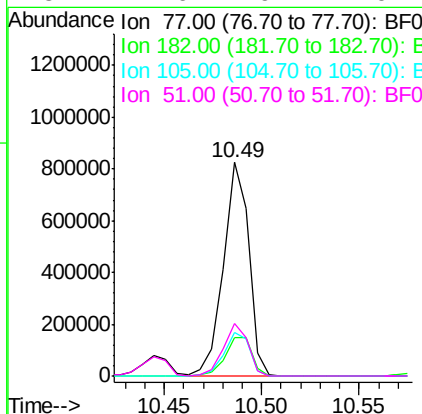
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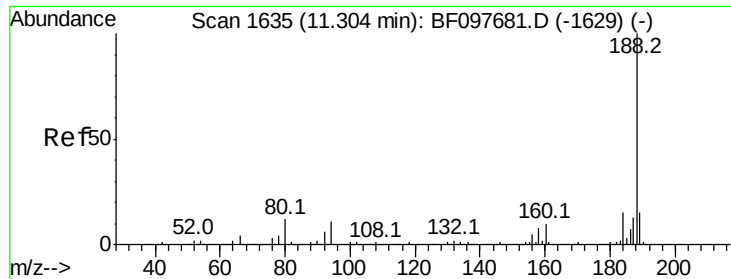
Sohil
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#62
Azobenzene
Concen: 43.543 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.00 min
Lab File: BF097920.D
Acq: 21 Aug 2017 22:10

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
182	17.7	0.1	40.1	
105	20.5	3.6	43.6	
51	24.6	9.4	49.4	





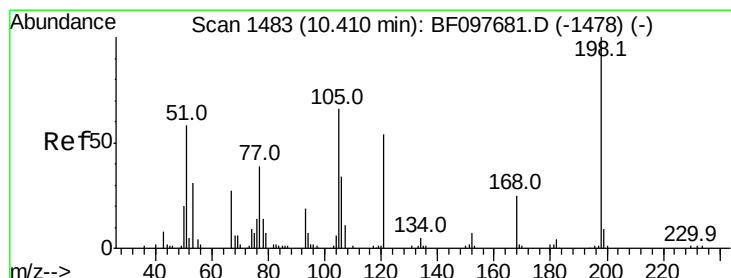
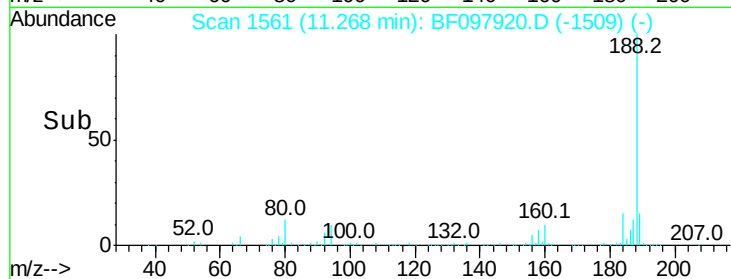
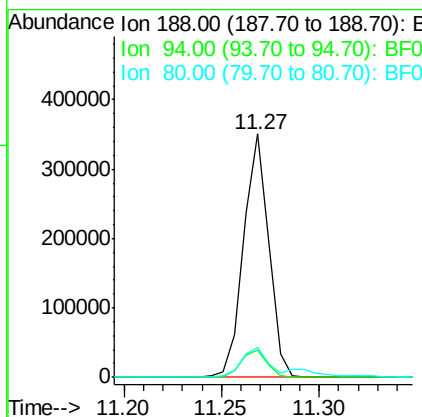
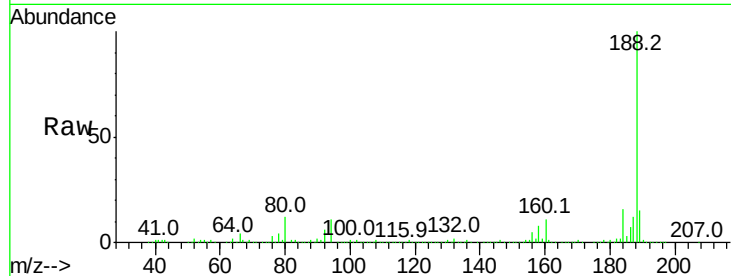
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.27 min Scan# 1561
Delta R.T. 0.01 min
Lab File: BF097920.D
Acq: 21 Aug 2017 22:10

Instrument :
BNA_F
ClientSampleId :
E2-110-ESWMSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	11.1	9.4	14.2	
80	12.2	10.2	15.2	

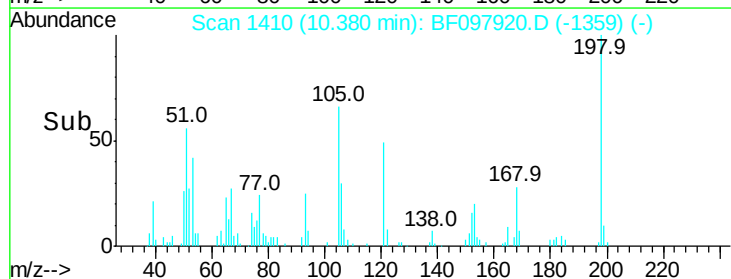
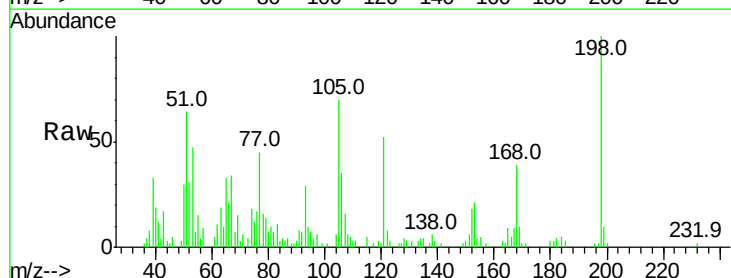
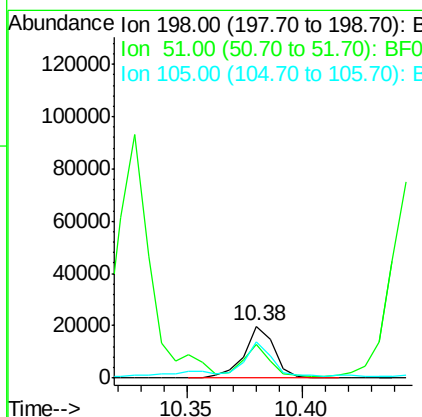
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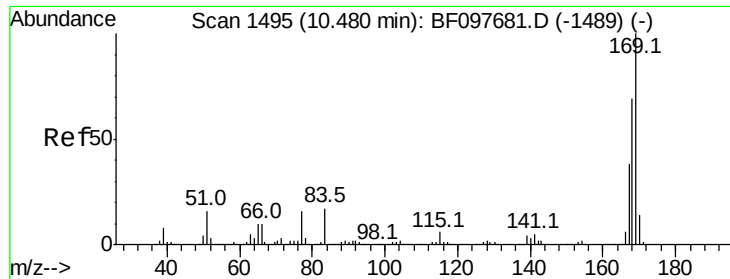
Sohil
8/22/2017 5:44:42 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 18.492 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.00 min
Lab File: BF097920.D
Acq: 21 Aug 2017 22:10

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	64.1	53.2	93.2	
105	70.5	45.8	85.8	





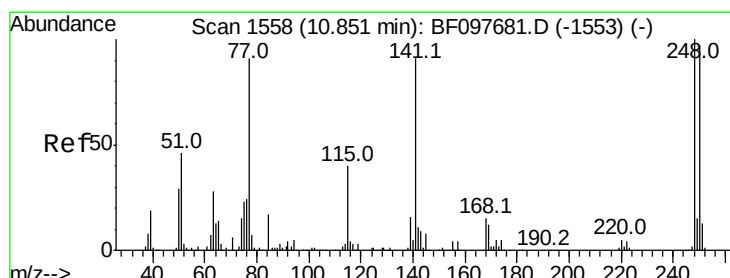
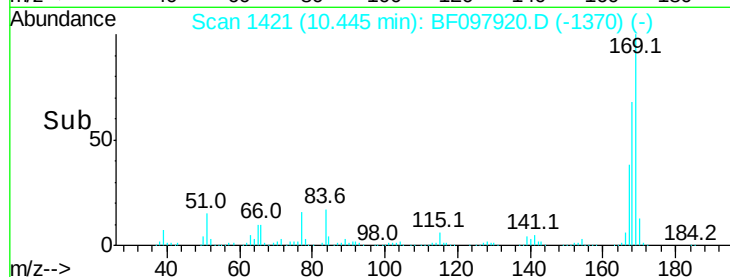
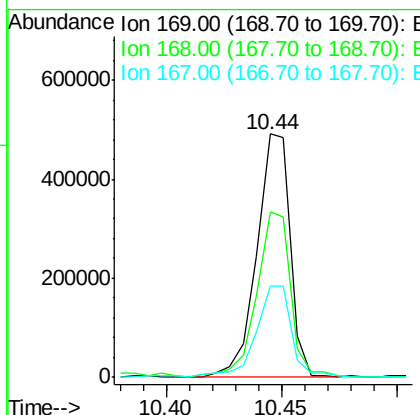
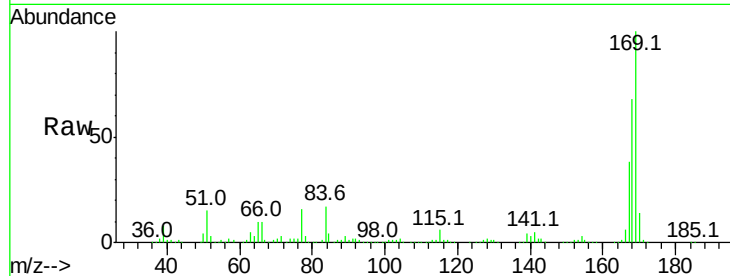
#65
 n-Nitrosodiphenylamine
 Concen: 46.400 ng
 RT: 10.44 min Scan# 1421
 Delta R.T. -0.00 min
 Lab File: BF097920.D
 Acq: 21 Aug 2017 22:10

Instrument :
 BNA_F
 ClientSampleId :
 E2-110-ESWMSD

Tot Ion	Ratio	Lower	Upper
169	100		
168	68.2	53.2	79.8
167	37.6	29.5	44.3

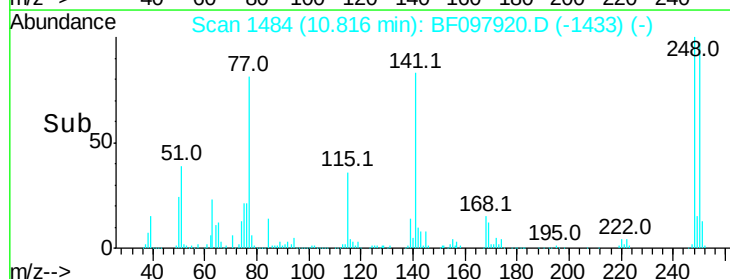
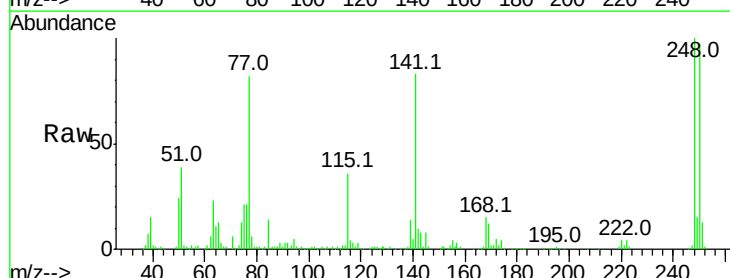
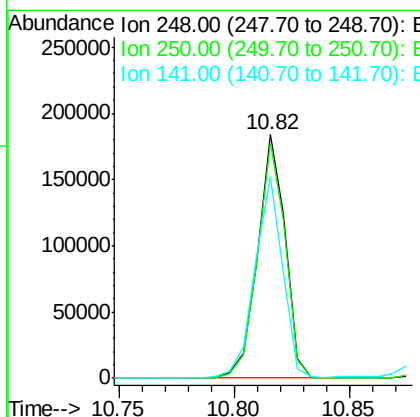
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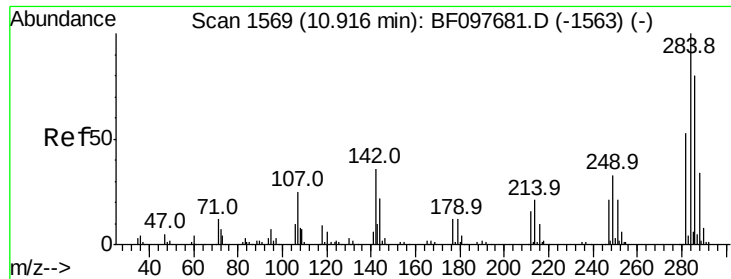
Sohil
 8/22/2017 5:44:42 PM



#66
 4-Bromophenyl-phenylether
 Concen: 47.008 ng
 RT: 10.82 min Scan# 1484
 Delta R.T. -0.00 min
 Lab File: BF097920.D
 Acq: 21 Aug 2017 22:10

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.6	76.8	115.2
141	82.7	68.6	103.0





#67

Hexachlorobenzene

Concen: 42.131 ng

RT: 10.88 min Scan# 1495

Delta R.T. -0.00 min

Lab File: BF097920.D

Acq: 21 Aug 2017 22:10

Instrument :

BNA_F

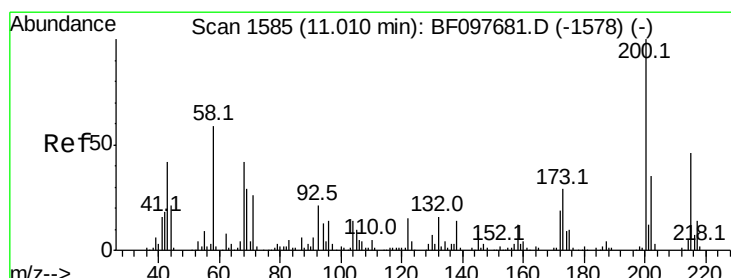
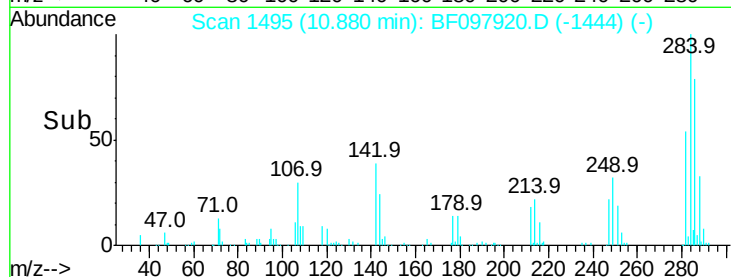
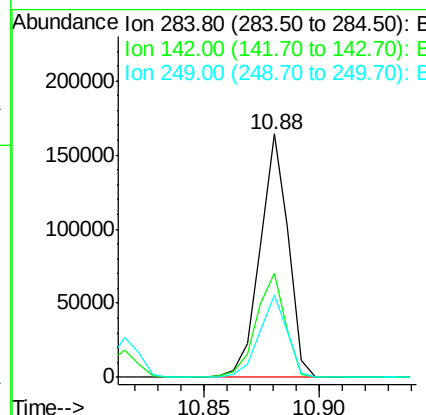
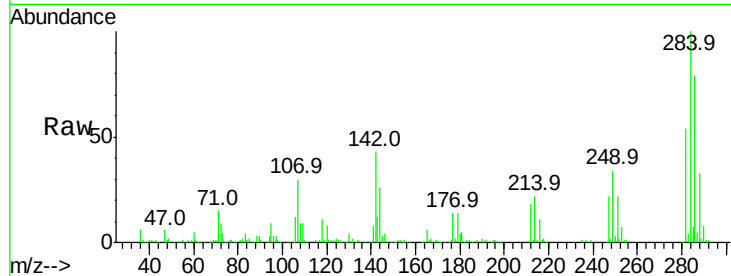
ClientSampleId :

E2-110-ESWMSD

Tot Ion:	284	Resp:	139694
Ion Ratio		Lower	Upper
284	100		
142	42.7	22.8	34.2#
249	33.8	24.0	36.0

Manual Integrations
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8/22/2017 5:44:42 PM



#68

Atrazine

Concen: 48.396 ng

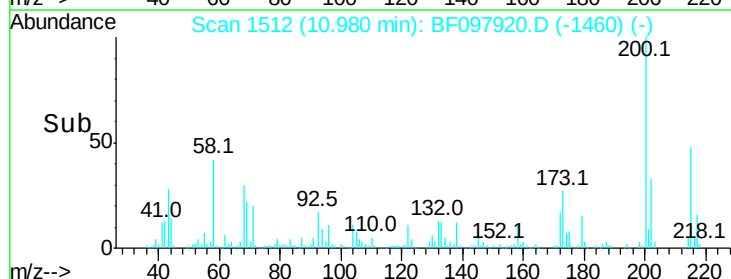
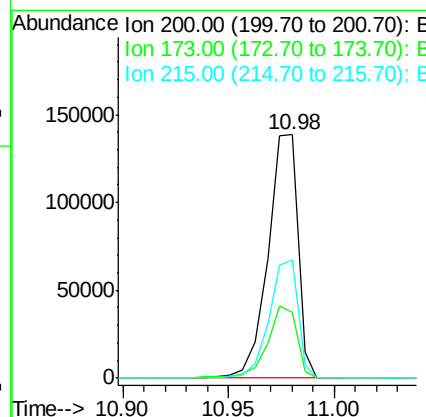
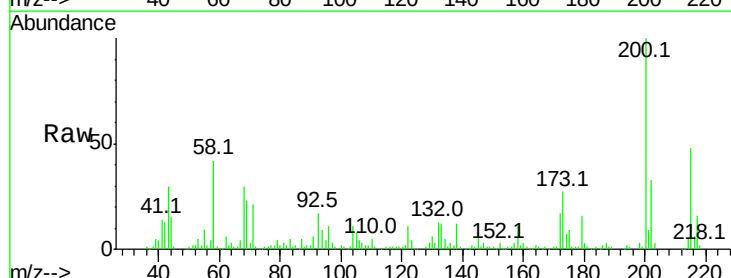
RT: 10.98 min Scan# 1512

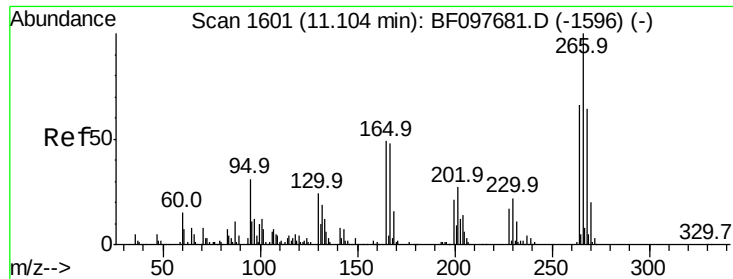
Delta R.T. 0.01 min

Lab File: BF097920.D

Acq: 21 Aug 2017 22:10

Tgt Ion:	200	Resp:	136915
Ion Ratio		Lower	Upper
200	100		
173	27.1	6.3	46.3
215	48.3	27.2	67.2





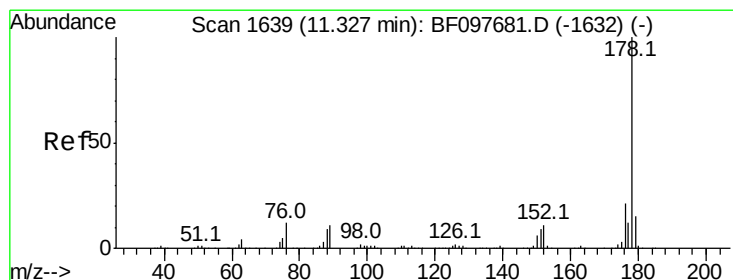
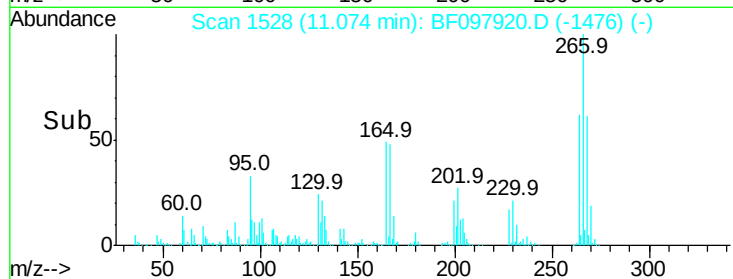
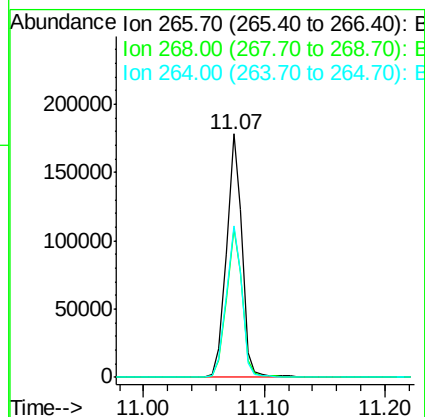
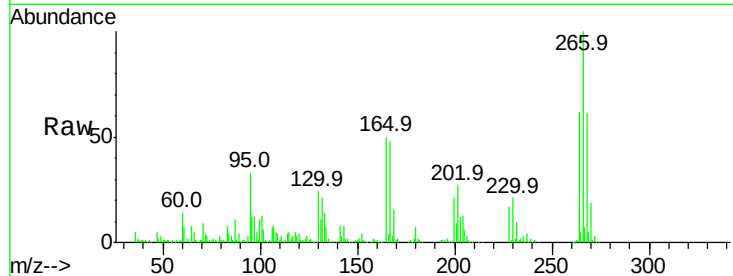
#69
 Pentachlorophenol
 Concen: 81.618 ng
 RT: 11.07 min Scan# 1528
 Delta R.T. 0.01 min
 Lab File: BF097920.D
 Acq: 21 Aug 2017 22:10

Instrument :
 BNA_F
 ClientSampleId :
 E2-110-ESWMSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	157789		
268	61.2		51.1	76.7
264	62.1		51.7	77.5

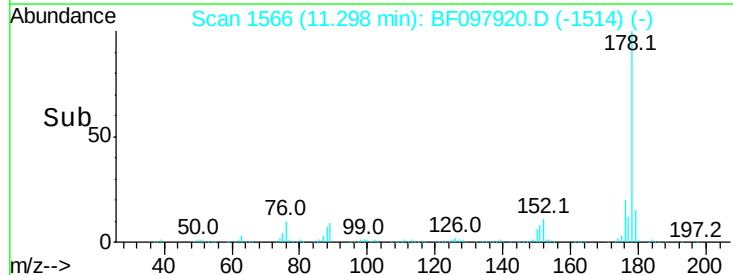
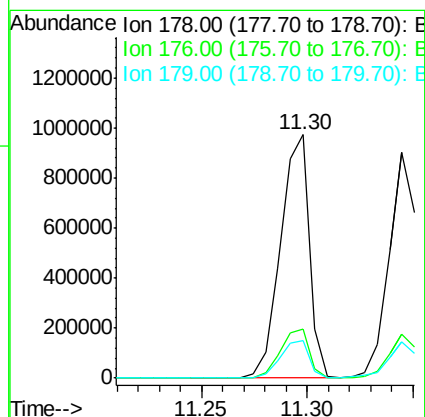
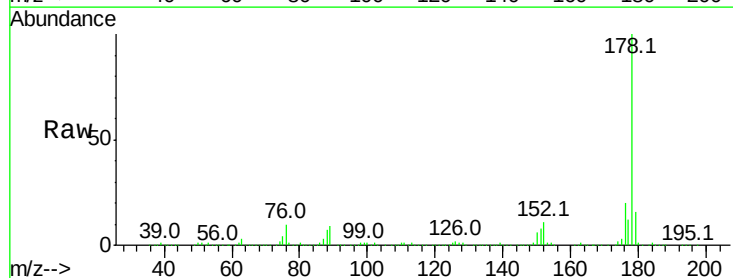
Manual Integrations
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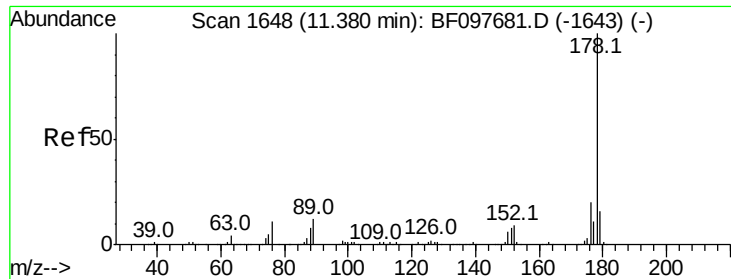
Sohil
 8/22/2017 5:44:42 PM



#70
 Phenanthrene
 Concen: 55.408 ng
 RT: 11.30 min Scan# 1566
 Delta R.T. 0.01 min
 Lab File: BF097920.D
 Acq: 21 Aug 2017 22:10

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	924932		
176	20.2		16.2	24.4
179	15.6		12.6	19.0





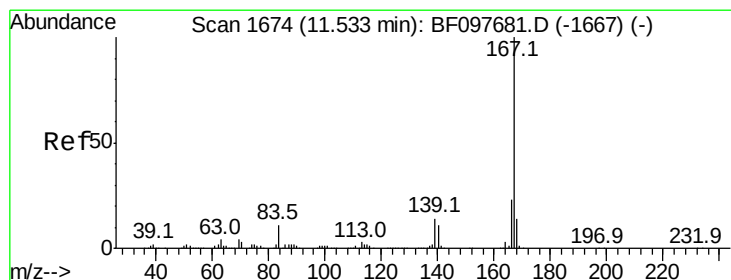
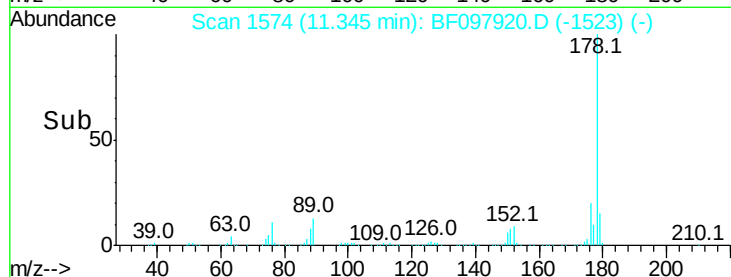
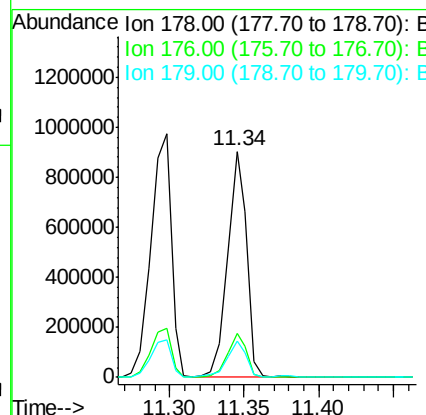
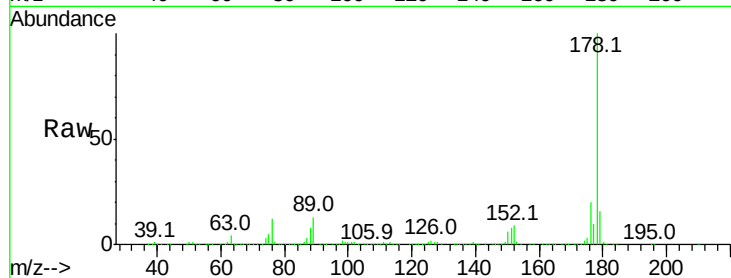
#71
 Anthracene
 Concen: 48.387 ng
 RT: 11.34 min Scan# 1574
 Delta R.T. -0.00 min
 Lab File: BF097920.D
 Acq: 21 Aug 2017 22:10

Instrument :
 BNA_F
 ClientSampleId :
 E2-110-ESWMSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.8
179	15.9	12.7	19.1

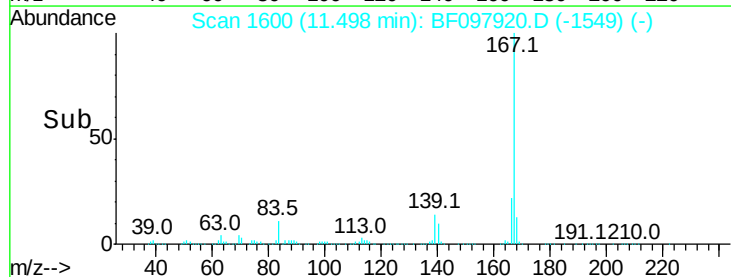
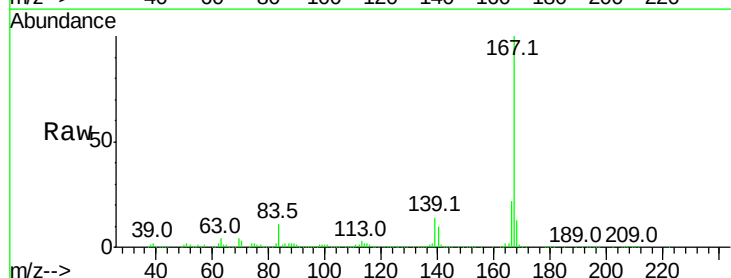
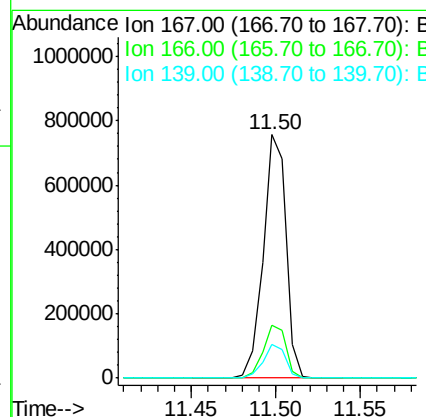
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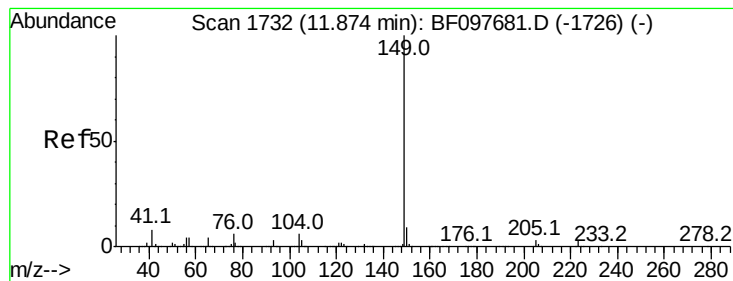
Sohil
 8/22/2017 5:44:42 PM



#72
 Carbazole
 Concen: 44.089 ng
 RT: 11.50 min Scan# 1600
 Delta R.T. -0.00 min
 Lab File: BF097920.D
 Acq: 21 Aug 2017 22:10

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.8	18.1	27.1
139	13.8	11.7	17.5





#73

Di-n-butylphthalate

Concen: 49.398 ng

RT: 11.84 min Scan# 1658

Delta R.T. 0.01 min

Lab File: BF097920.D

Acq: 21 Aug 2017 22:10

Instrument :

BNA_F

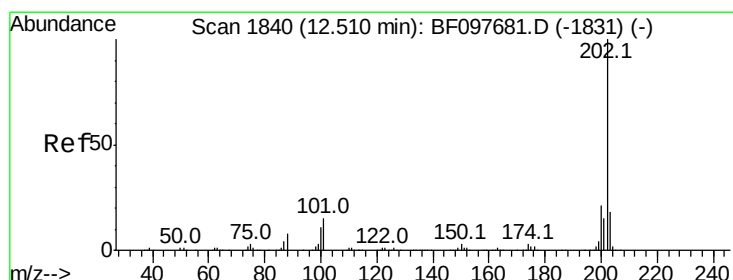
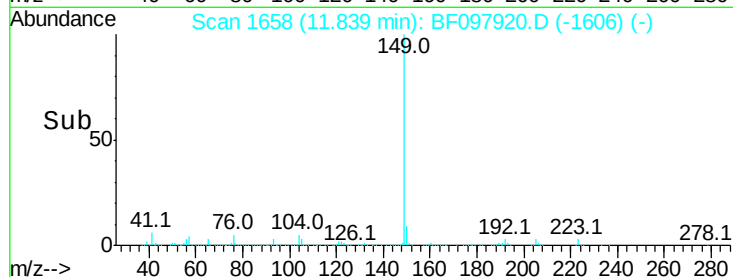
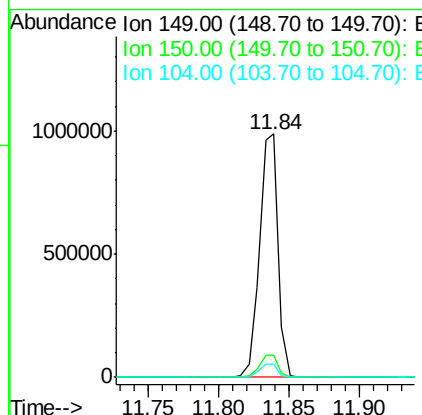
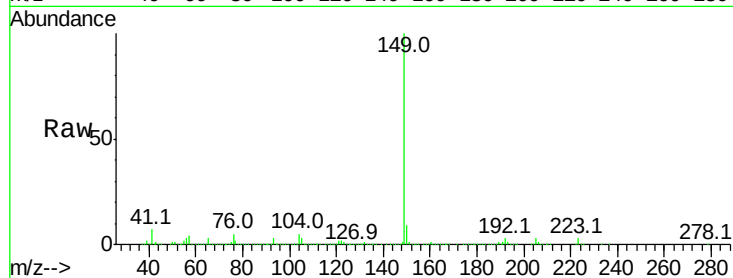
ClientSampled :

E2-110-ESWMSD

Tot Ion:	149	Resp:	914441
Ion Ratio	Lower	Upper	
149	100		
150	9.0	7.7	11.5
104	5.2	4.0	6.0

Manual Integrations
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8/22/2017 5:44:42 PM



#74

Fluoranthene

Concen: 65.957 ng

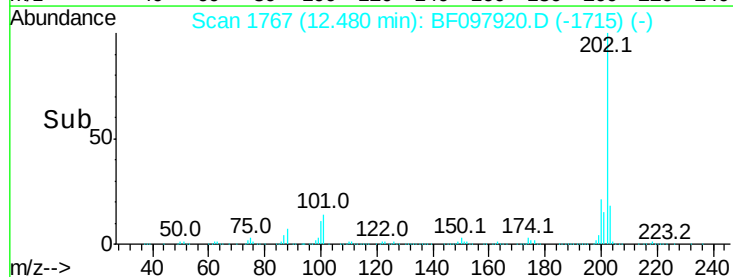
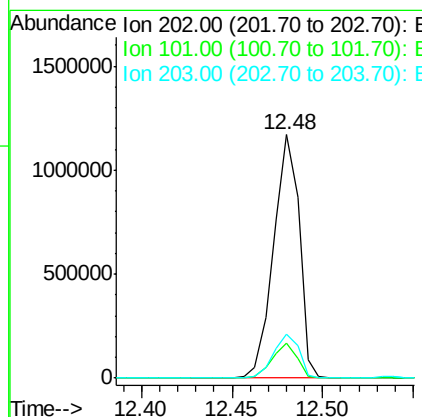
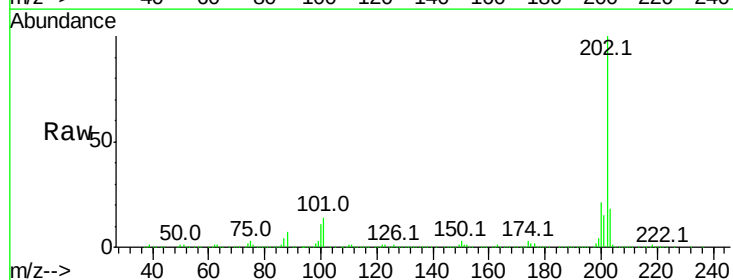
RT: 12.48 min Scan# 1767

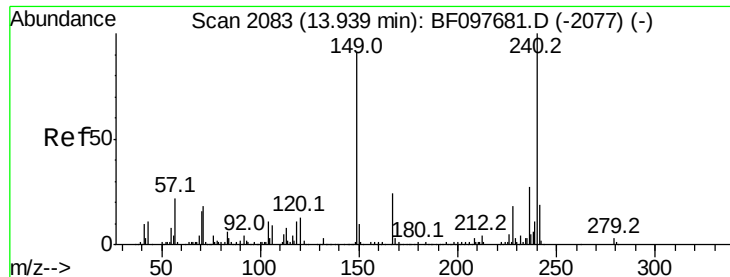
Delta R.T. 0.01 min

Lab File: BF097920.D

Acq: 21 Aug 2017 22:10

Tgt Ion:	202	Resp:	1149200
Ion Ratio	Lower	Upper	
202	100		
101	14.2	0.0	33.2
203	17.9	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.90 min Scan# 2009

Delta R.T. 0.01 min

Lab File: BF097920.D

Acq: 21 Aug 2017 22:10

Instrument :

BNA_F

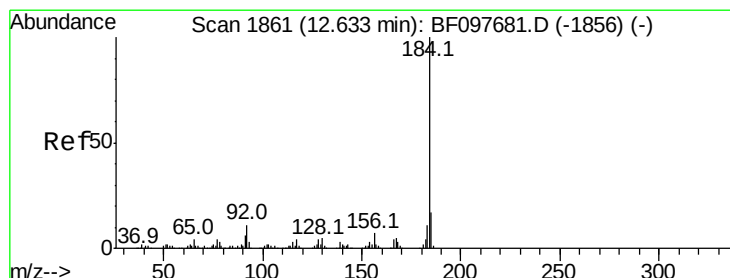
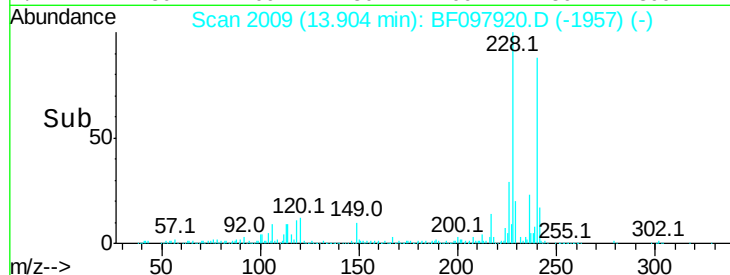
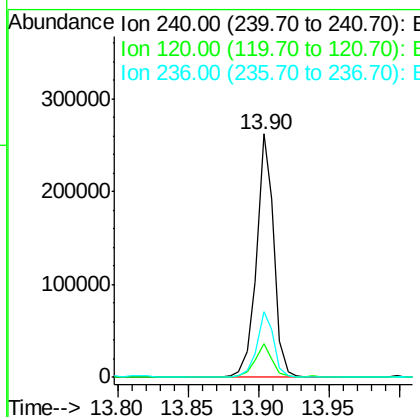
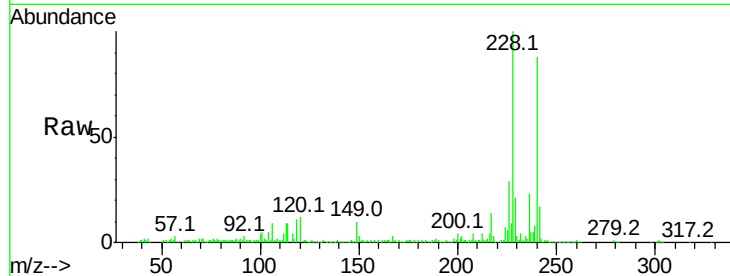
ClientSampleId :

E2-110-ESWMSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.8	5.8	8.8#
236	26.8	20.5	30.7

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#76

Benzidine

Concen: 54.788 ng

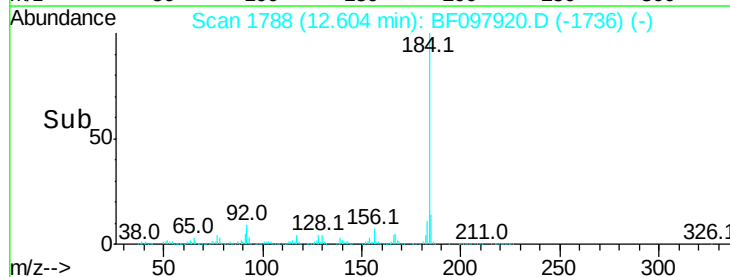
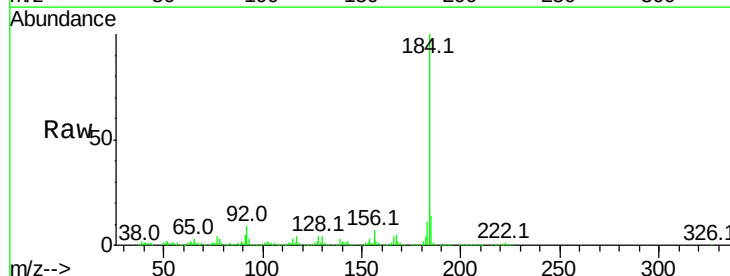
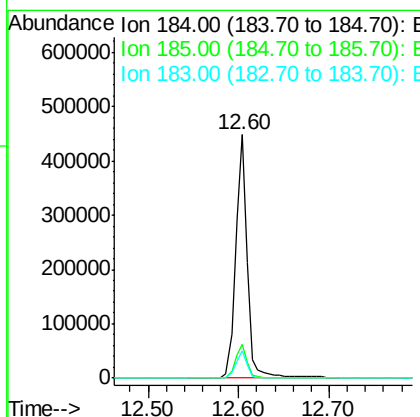
RT: 12.60 min Scan# 1788

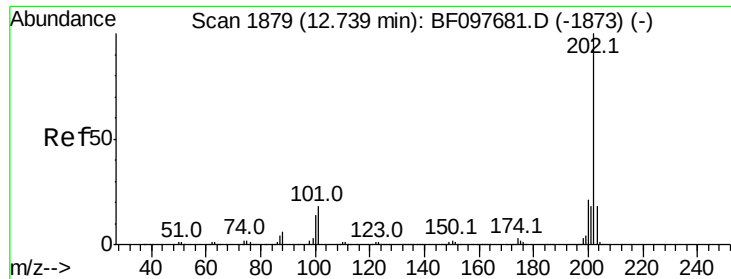
Delta R.T. 0.01 min

Lab File: BF097920.D

Acq: 21 Aug 2017 22:10

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.1	15.5	23.3#
183	11.0	9.8	14.6





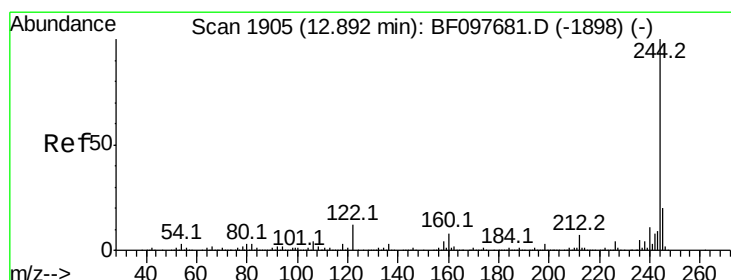
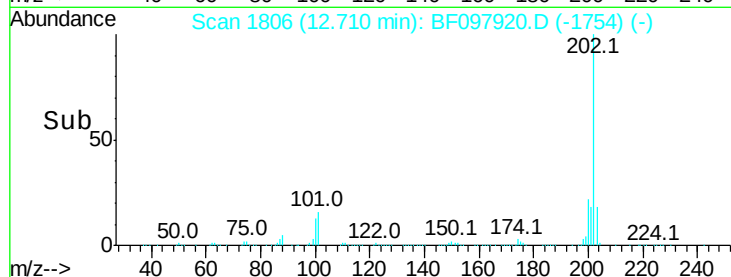
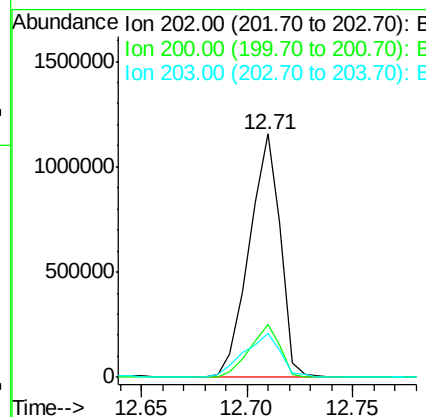
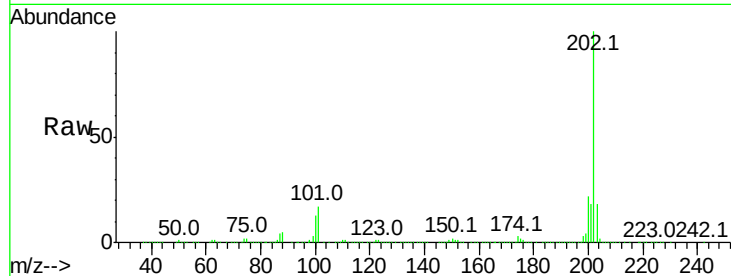
#77
Pvrene
Concen: 63.582 ng
RT: 12.71 min Scan# 1806
Delta R.T. 0.01 min
Lab File: BF097920.D
Acq: 21 Aug 2017 22:10

Instrument :
BNA_F
ClientSampleId :
E2-110-ESWMSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.6	26.4
203	18.2	14.4	21.6

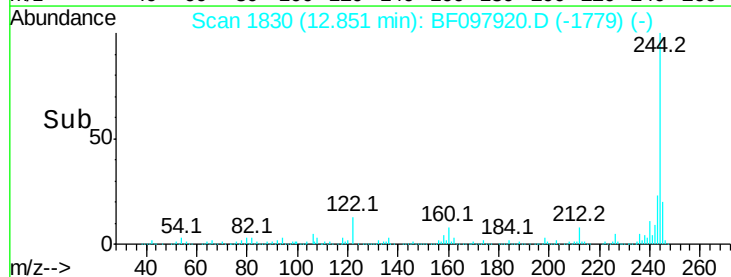
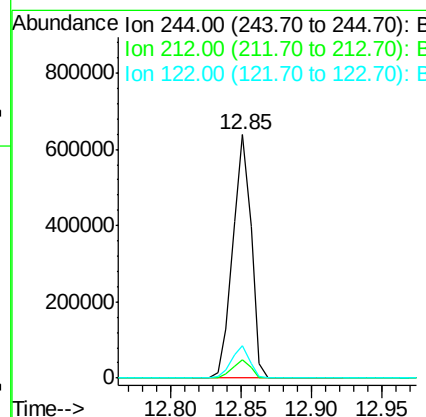
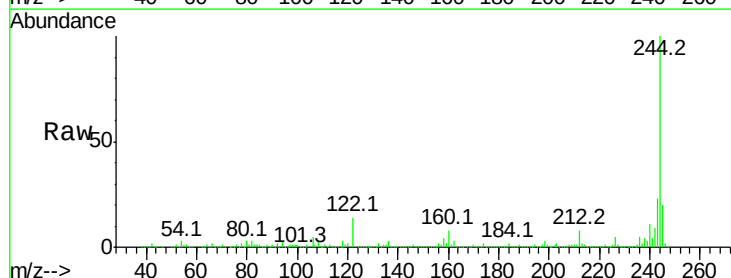
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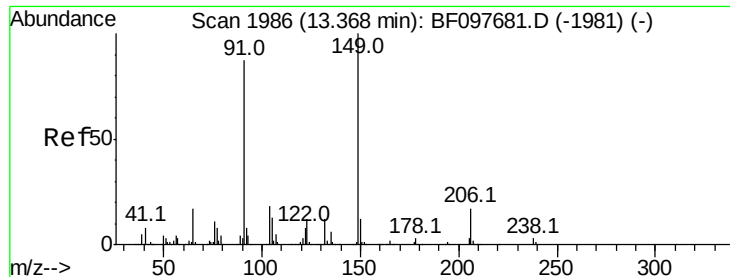
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#78
Terphenyl-d14
Concen: 53.262 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.00 min
Lab File: BF097920.D
Acq: 21 Aug 2017 22:10

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.0	9.0
122	13.5	10.3	15.5





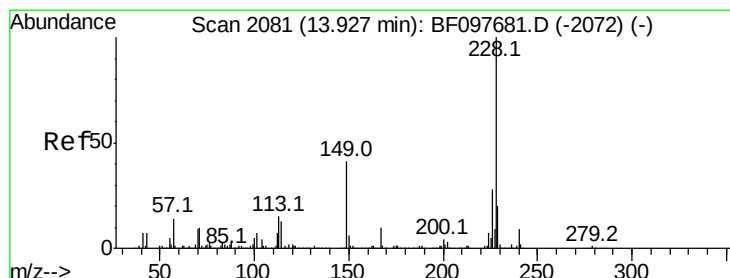
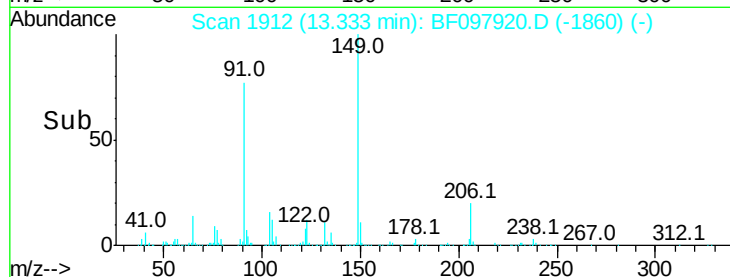
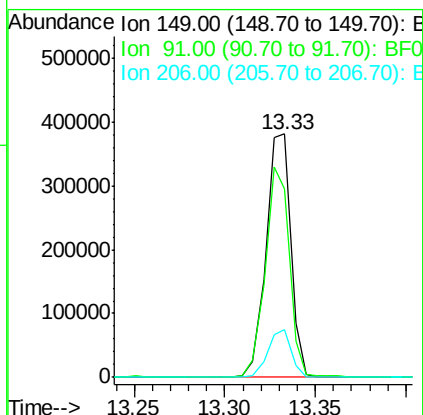
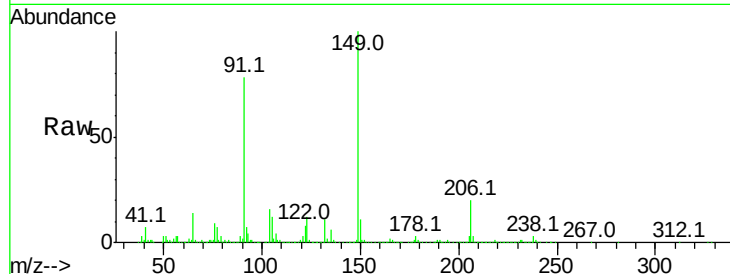
#79
Butylbenzylphthalate
Concen: 51.016 ng
RT: 13.33 min Scan# 1912
Delta R.T. 0.01 min
Lab File: BF097920.D
Acq: 21 Aug 2017 22:10

Instrument :
BNA_F
ClientSampleId :
E2-110-ESWMSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
91	77.7	45.0	67.4#	
206	19.6	17.0	25.6	

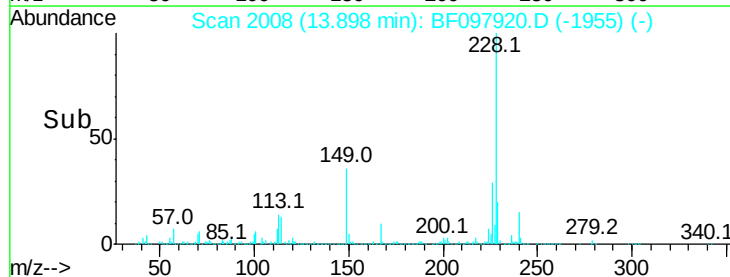
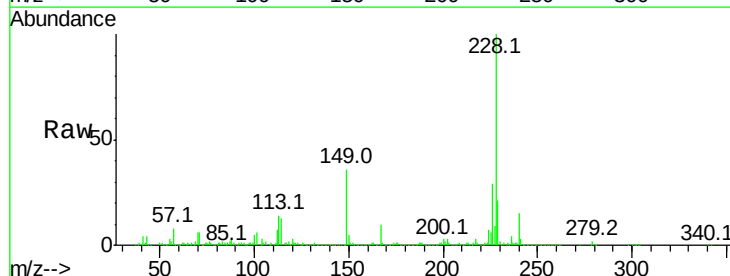
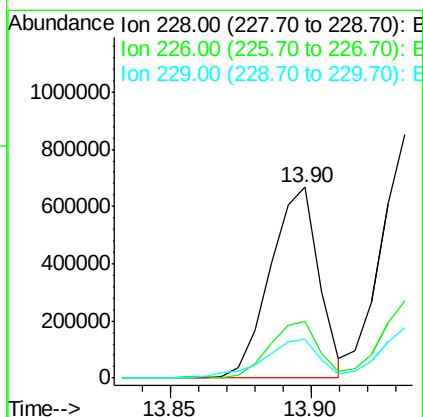
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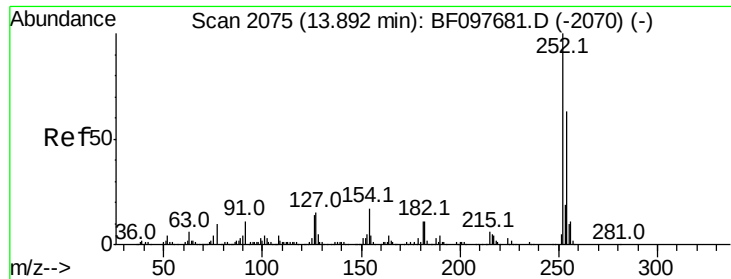
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#80
Benzo(a)anthracene
Concen: 58.258 ng
RT: 13.90 min Scan# 2008
Delta R.T. 0.01 min
Lab File: BF097920.D
Acq: 21 Aug 2017 22:10

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	29.4	22.6	33.8	
229	20.6	16.3	24.5	





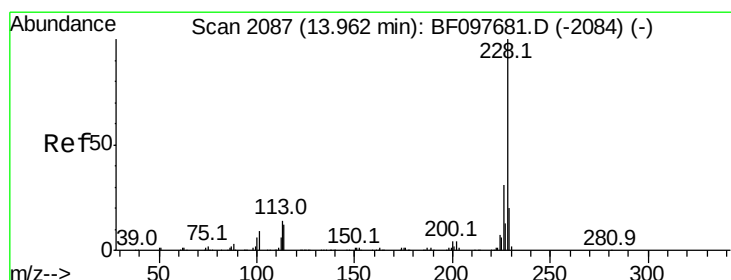
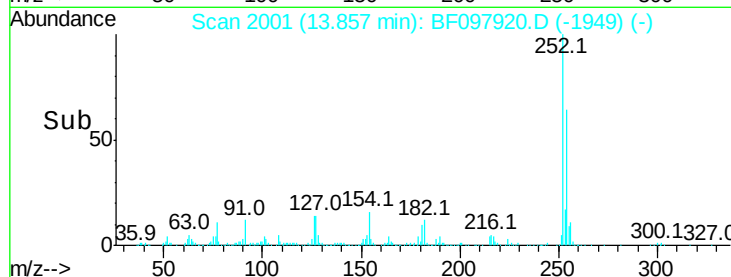
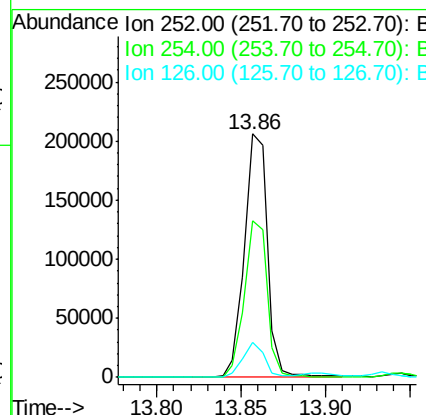
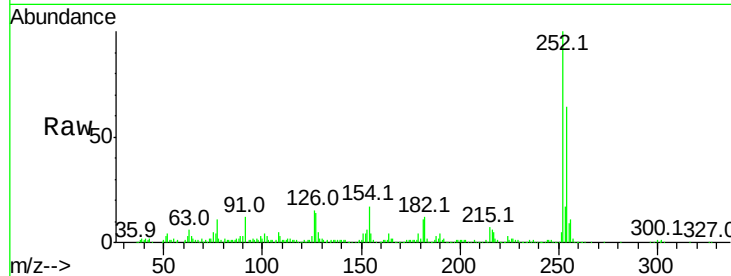
#81
 3,3'-Dichlorobenzidine
 Concen: 43.184 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. 0.01 min
 Lab File: BF097920.D
 Acq: 21 Aug 2017 22:10

Instrument :
 BNA_F
 ClientSampleId :
 E2-110-ESWMSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	197154		
254	64.2	51.5	77.3	
126	14.5	15.8	23.8	

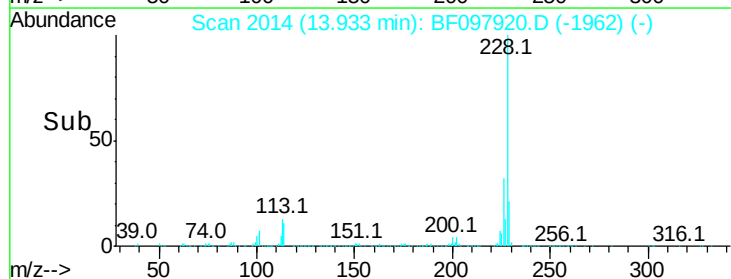
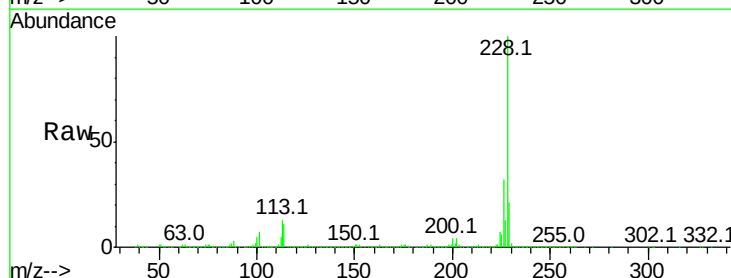
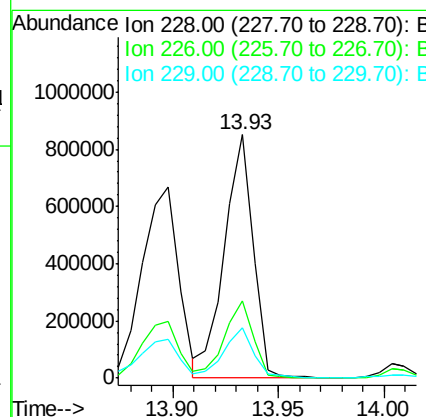
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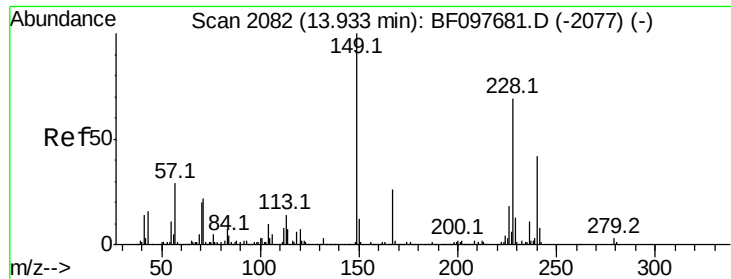
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#82
 Chrysene
 Concen: 58.968 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. 0.01 min
 Lab File: BF097920.D
 Acq: 21 Aug 2017 22:10

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	793642		
226	31.7	24.9	37.3	
229	20.8	15.8	23.6	





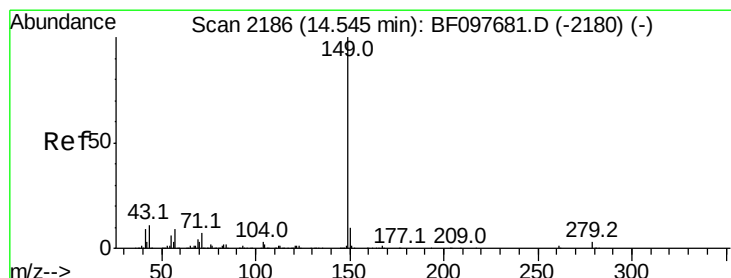
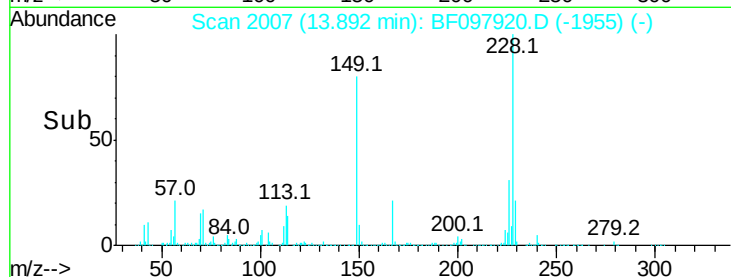
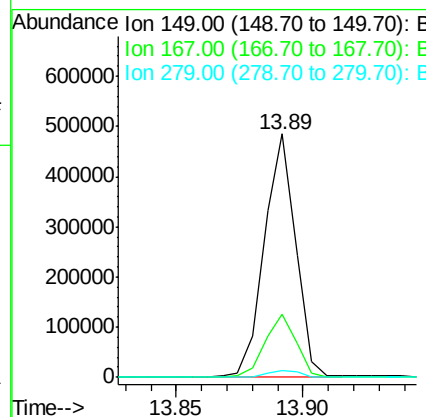
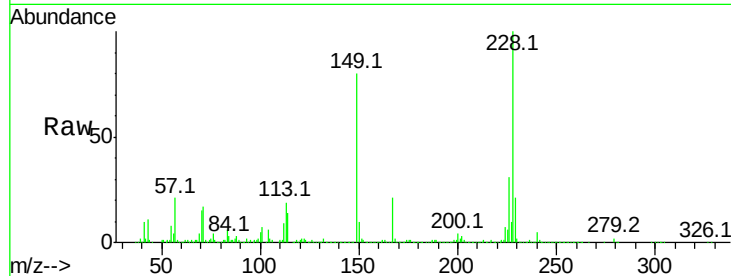
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 52.946 ng
 RT: 13.89 min Scan# 2007
 Delta R.T. 0.01 min
 Lab File: BF097920.D
 Acq: 21 Aug 2017 22:10

Instrument :
 BNA_F
 ClientSampleId :
 E2-110-ESWMSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	25.8	21.0	31.4	
279	3.0	1.9	2.9#	

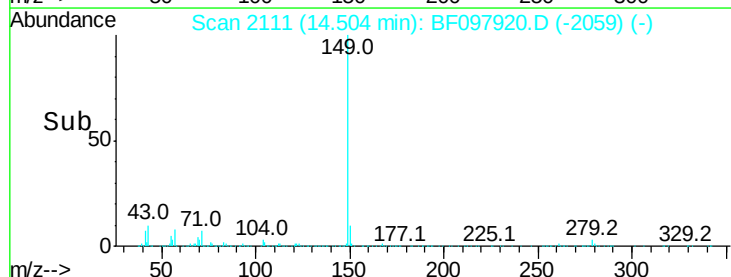
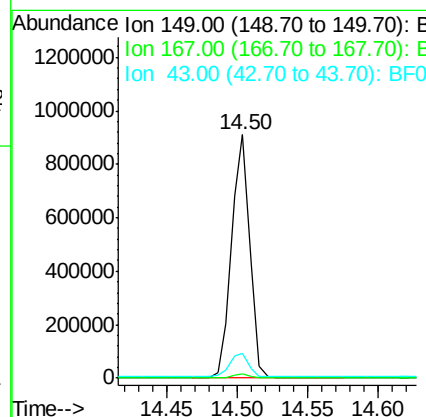
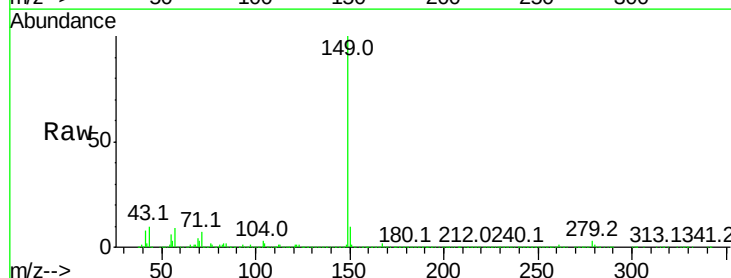
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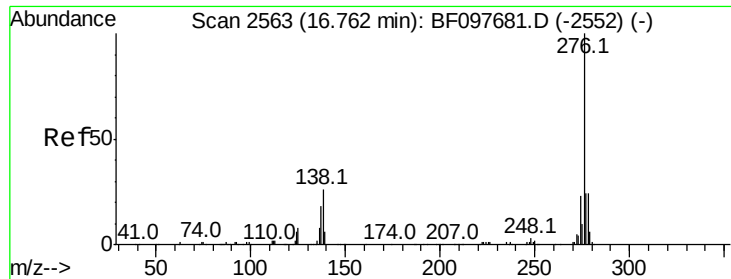
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#84
 Di-n-octyl phthalate
 Concen: 59.144 ng
 RT: 14.50 min Scan# 2111
 Delta R.T. 0.01 min
 Lab File: BF097920.D
 Acq: 21 Aug 2017 22:10

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.4	1.2	1.8	
43	10.1	8.5	12.7	





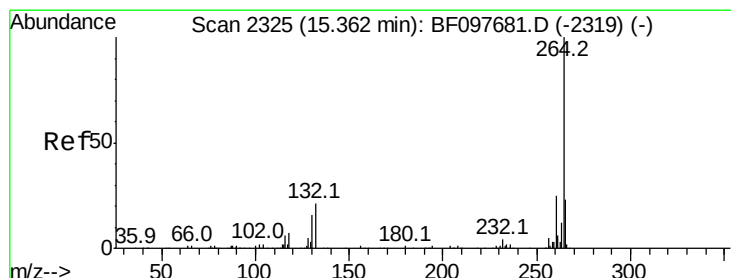
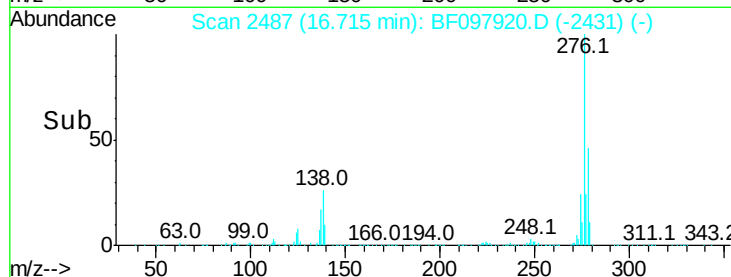
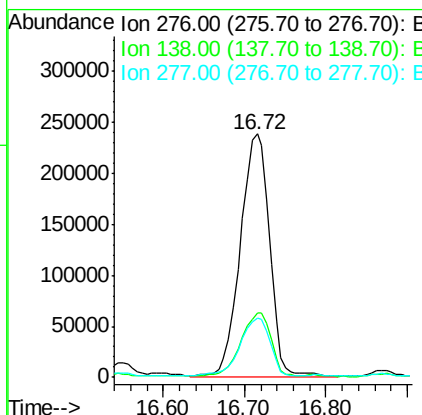
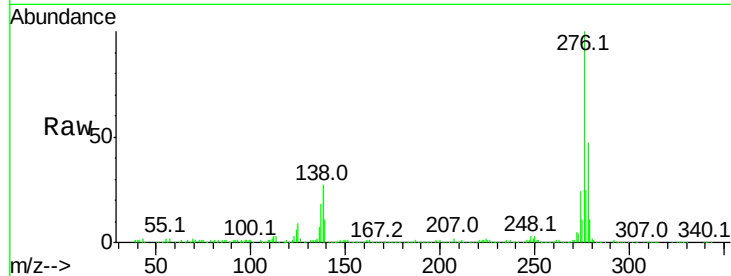
#85
Indeno(1,2,3-cd)pyrene
Concen: 60.524 ng/ml
RT: 16.72 min Scan# 2487
Delta R.T. 0.03 min
Lab File: BF097920.D
Acq: 21 Aug 2017 22:10

Instrument :
BNA_F
ClientSampleId :
E2-110-ESWMSD

Tot Ion	Ratio	Resp	Lower	Upper
276	100	599239		
138	1.6	27.8	41.6#	
277	1.5	20.2	30.4#	

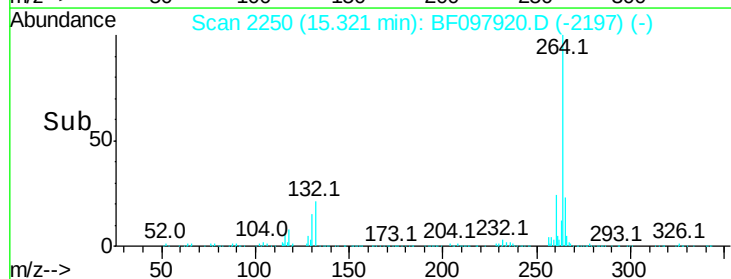
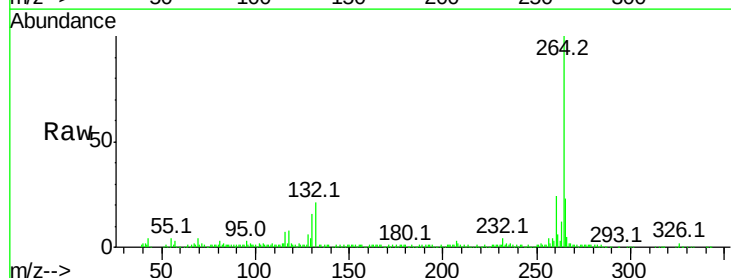
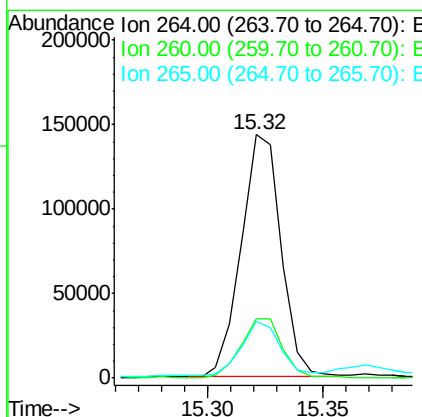
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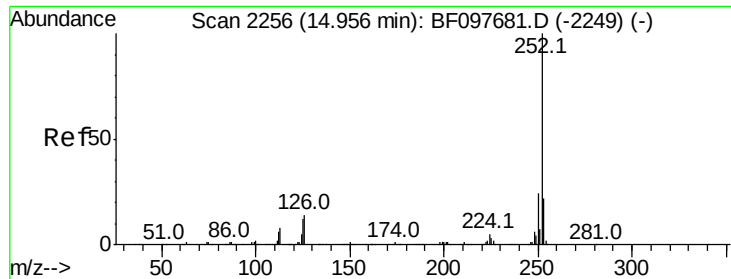
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2250
Delta R.T. 0.01 min
Lab File: BF097920.D
Acq: 21 Aug 2017 22:10

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	173565		
260	24.3	19.5	29.3	
265	23.1	17.2	25.8	





#87

Benzo(b)fluoranthene

Concen: 79.525 ng

RT: 14.92 min Scan# 2182

Delta R.T. 0.01 min

Lab File: BF097920.D

Acq: 21 Aug 2017 22:10

Instrument :

BNA_F

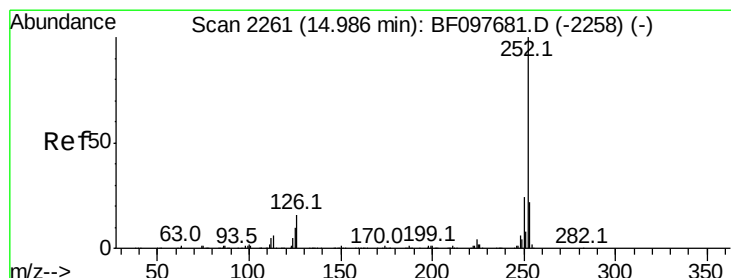
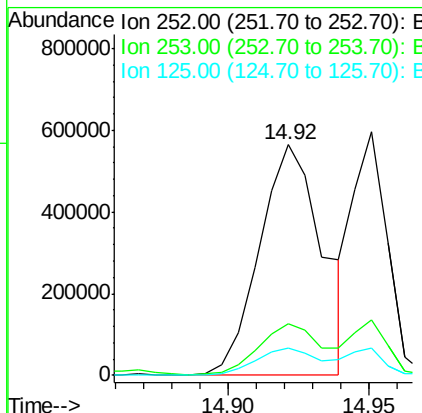
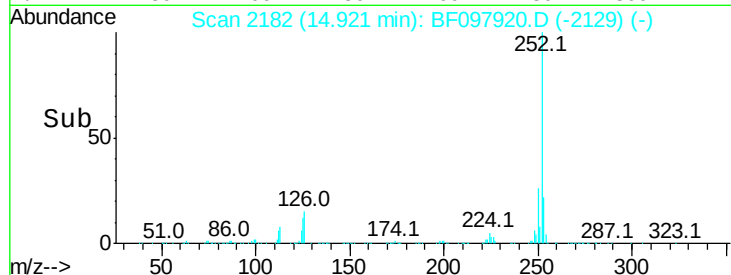
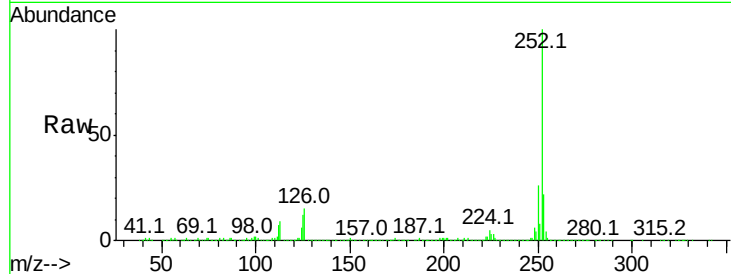
ClientSampleId :

E2-110-ESWMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	11.9	9.8	14.8

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#88

Benzo(k)fluoranthene

Concen: 49.997 ng m

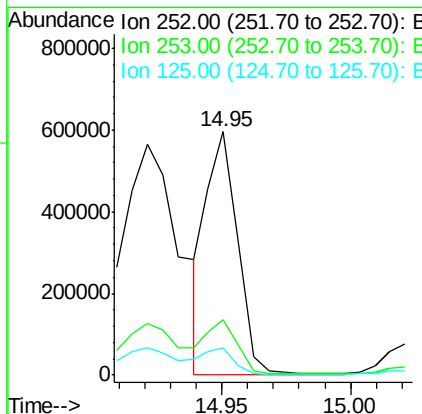
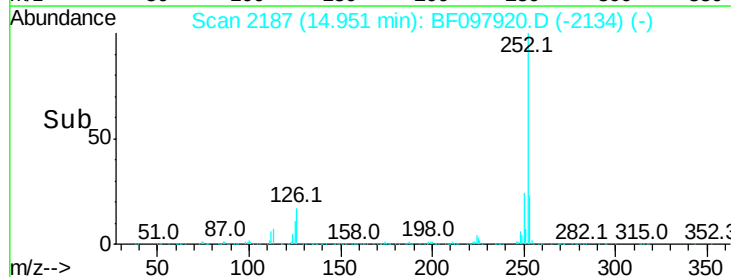
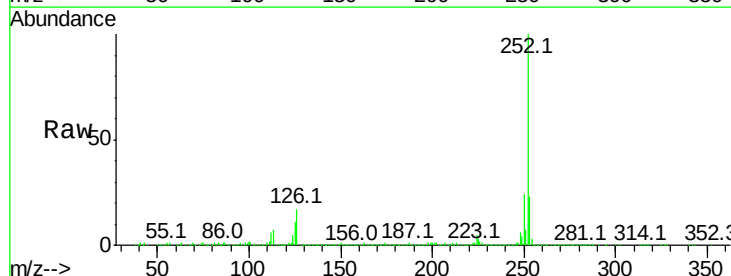
RT: 14.95 min Scan# 2187

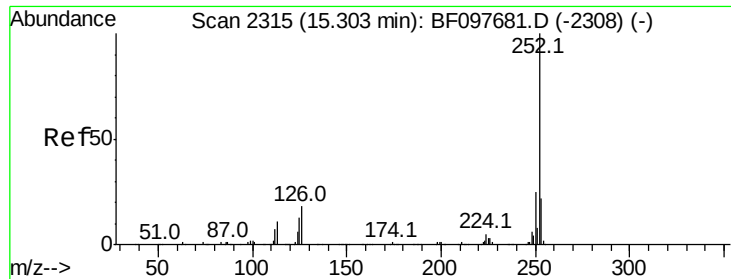
Delta R.T. 0.01 min

Lab File: BF097920.D

Acq: 21 Aug 2017 22:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.4	27.6
125	11.3	13.1	19.7#





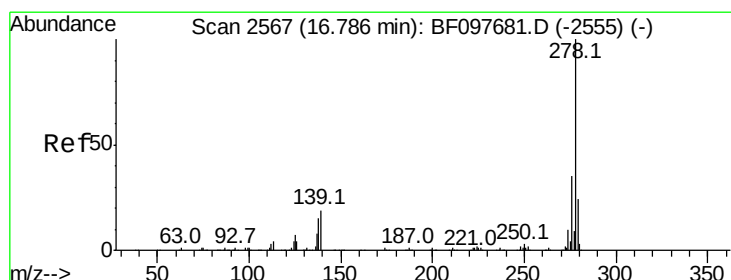
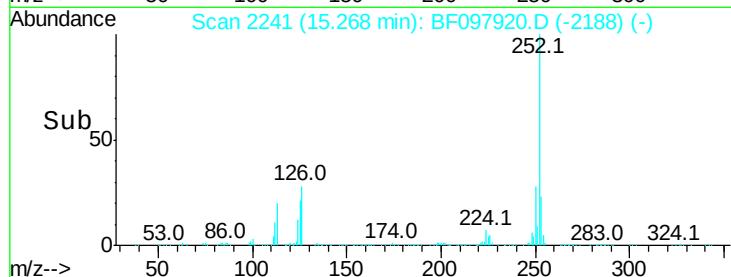
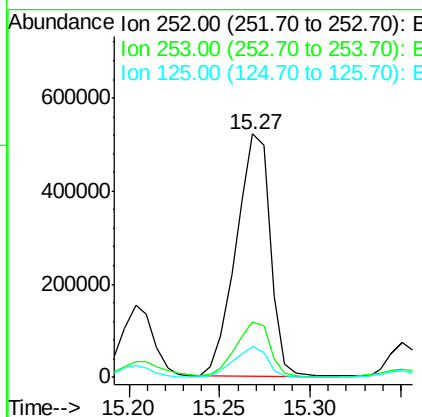
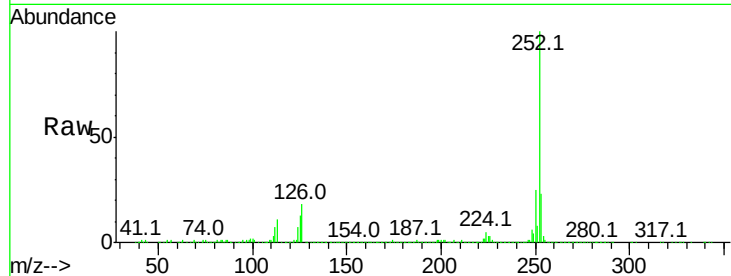
#89
Benzo(a)pyrene
Concen: 70.598 ng
RT: 15.27 min Scan# 2241
Delta R.T. 0.01 min
Lab File: BF097920.D
Acq: 21 Aug 2017 22:10

Instrument :
BNA_F
ClientSampleId :
E2-110-ESWMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.5	26.3
125	12.8	11.0	16.4

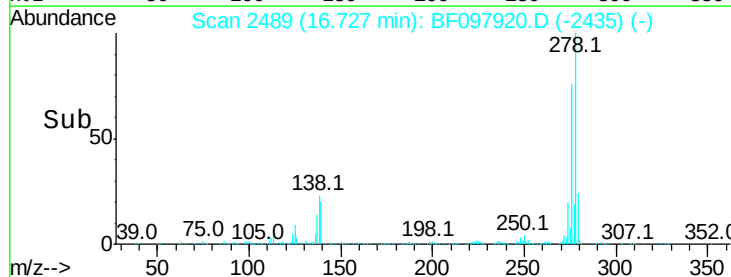
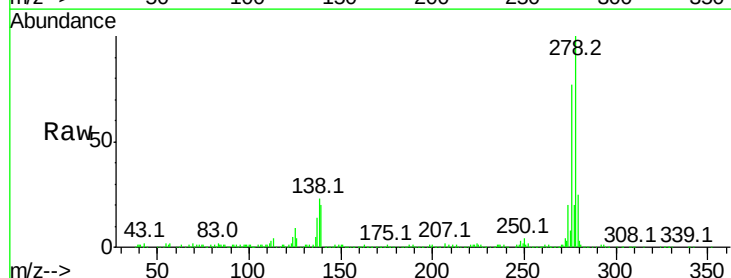
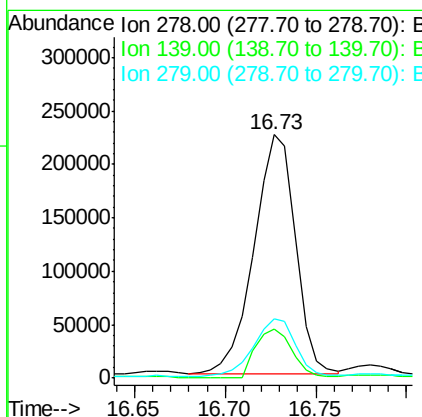
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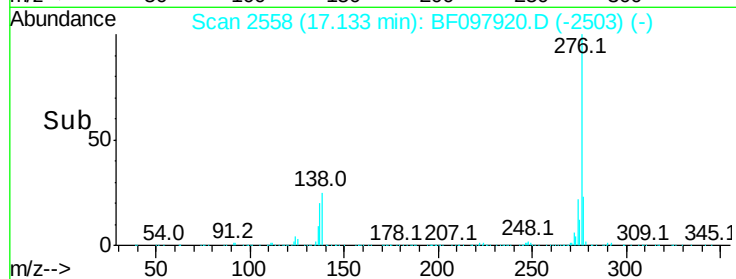
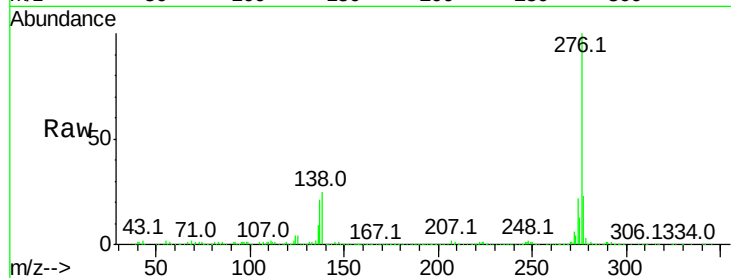
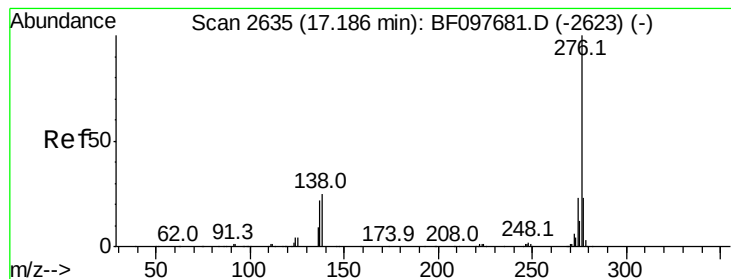
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 45.134 ng
RT: 16.73 min Scan# 2489
Delta R.T. 0.02 min
Lab File: BF097920.D
Acq: 21 Aug 2017 22:10

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.1	16.6	24.8
279	24.6	19.3	28.9





#91

Benzo(a,h,i)perylene

Concen: 61.795 ng

RT: 17.13 min Scan# 2558

Delta R.T. 0.02 min

Lab File: BF097920.D

Acq: 21 Aug 2017 22:10

Instrument :

BNA_F

ClientSampleId :

E2-110-ESWMSD

Tot Ion:276 Resp: 508400

Ion Ratio Lower Upper

276 100

277 23.2 18.6 28.0

138 25.1 25.4 38.0#

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