

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080217\
 Data File : BF097311.D
 Acq On : 3 Aug 2017 10:35
 Operator : SJ/JU
 Sample : I4471-19MS
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-L6-NSWMS

Manual Integrations
 APPROVED

Sohil
 8/3/2017 6:08:38 PM

Quant Time: Aug 03 13:15:44 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 03 12:06:13 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.45	152	104063	20.00	ng	0.00
21) Naphthalene-d8	7.73	136	418532	20.00	ng	0.00
38) Acenaphthene-d10	9.48	164	166214	20.00	ng	0.00
63) Phenanthrene-d10	10.96	188	286983	20.00	ng	0.00
75) Chrysene-d12	13.57	240	176901	20.00	ng	0.00
86) Perylene-d12	14.92	264	163233	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.05	112	734985	106.47	ng	0.00
7) Phenol-d6	6.13	99	831367	105.49	ng	0.00
23) Nitrobenzene-d5	7.02	82	503720	70.60	ng	0.00
41) 2,4,6-Tribromophenol	10.27	330	154466	117.62	ng	0.00
44) 2-Fluorobiphenyl	8.82	172	739445	75.50	ng	0.00
78) Terphenyl-d14	12.53	244	494027	56.94	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.98	88	76556	26.575	ng	# 74
3) Pyridine	2.59	79	255881	29.008	ng	# 63
4) n-Nitrosodimethylamine	2.53	42	165745	33.917	ng	79
6) Aniline	6.12	93	252108	25.422	ng	92
8) 2-Chlorophenol	6.25	128	274683	37.213	ng	96
9) Benzaldehyde	5.99	77	185336	39.732	ng	99
10) Phenol	6.14	94	363134	38.848	ng	96
11) bis(2-Chloroethyl)ether	6.20	93	262285	35.477	ng	93
12) 1,3-Dichlorobenzene	6.39	146	285871	35.938	ng	98
13) 1,4-Dichlorobenzene	6.47	146	295602	37.498	ng	94
14) 1,2-Dichlorobenzene	6.62	146	247836	36.006	ng	97
15) Benzyl Alcohol	6.62	79	213098	42.710	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.74	45	556692	37.542	ng	80
17) 2-Methylphenol	6.75	107	217703	38.215	ng	# 87
18) Hexachloroethane	6.96	117	91884	31.860	ng	# 78
19) n-Nitroso-di-n-propylamine	6.89	70	199189	38.399	ng	# 84
20) 3+4-Methylphenols	6.90	107	302457	40.650	ng	# 61
22) Acetophenone	6.87	105	384274	38.233	ng	# 95
24) Nitrobenzene	7.04	77	257874	34.706	ng	97
25) Isophorone	7.29	82	476123	34.077	ng	95
26) 2-Nitrophenol	7.36	139	142312	35.402	ng	# 90
27) 2,4-Dimethylphenol	7.42	122	221480	33.399	ng	95
28) bis(2-Chloroethoxy)methane	7.50	93	313767	34.413	ng	99
29) 2,4-Dichlorophenol	7.62	162	222506	38.949	ng	96
30) 1,2,4-Trichlorobenzene	7.68	180	191195	35.113	ng	96
31) Naphthalene	7.76	128	722158	36.604	ng	100
33) 4-Chloroaniline	7.83	127	234470	29.208	ng	98
34) Hexachlorobutadiene	7.88	225	98716	34.196	ng	99
35) Caprolactam	8.19	113	80100m	43.727	ng	
36) 4-Chloro-3-methylphenol	8.33	107	218755	35.100	ng	88
37) 2-Methylnaphthalene	8.45	142	450303	36.049	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.62	216	178838	40.324	ng	99
40) Hexachlorocyclopentadiene	8.60	237	15947	16.027	ng	95
42) 2,4,6-Trichlorophenol	8.74	196	129038	40.150	ng	97

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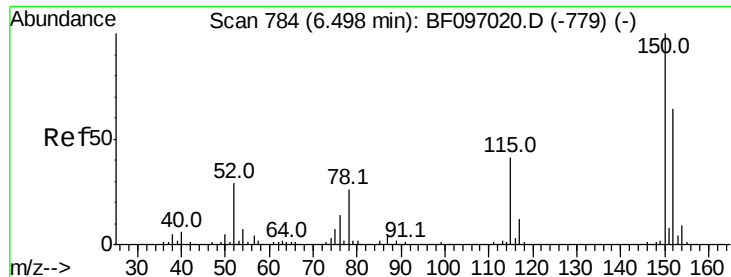
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	8.79	196	129362	40.213	nq	97
45) 1,1'-Biphenyl	8.92	154	514860	36.265	nq	99
46) 2-Chloronaphthalene	8.93	162	391094	37.435	nq	# 93
47) 2-Nitroaniline	9.04	65	165564	43.667	nq	100
48) Acenaphthylene	9.35	152	560760	34.969	nq	99
49) Dimethylphthalate	9.22	163	677873	53.706	nq	100
50) 2,6-Dinitrotoluene	9.29	165	99398	37.130	nq	# 76
51) Acenaphthene	9.52	154	343257	36.340	nq	98
52) 3-Nitroaniline	9.45	138	108085	32.528	nq	94
53) 2,4-Dinitrophenol	9.59	184	6355	5.221	nq	# 68
54) Dibenzofuran	9.69	168	487127	38.718	nq	97
55) 4-Nitrophenol	9.65	139	117031	59.225	nq	# 63
56) 2,4-Dinitrotoluene	9.69	165	126268	41.030	nq	# 65
57) Fluorene	10.03	166	372945	39.439	nq	98
58) 2,3,4,6-Tetrachlorophenol	9.82	232	87686	39.478	nq	# 94
59) Diethylphthalate	9.92	149	443517	38.301	nq	100
60) 4-Chlorophenyl-phenylether	10.02	204	155779	39.894	nq	98
61) 4-Nitroaniline	10.06	138	107117	33.926	nq	92
62) Azobenzene	10.19	77	461068	42.920	nq	91
64) 4,6-Dinitro-2-methylphenol	10.11	198	27480	15.410	nq	93
65) n-Nitrosodiphenylamine	10.15	169	407429	40.803	nq	99
66) 4-Bromophenyl-phenylether	10.51	248	109918	38.379	nq	99
67) Hexachlorobenzene	10.58	284	111458	34.704	nq	# 88
68) Atrazine	10.68	200	115217	40.239	nq	93
69) Pentachlorophenol	10.78	266	81961	61.678	nq	94
70) Phenanthrene	10.98	178	585030	38.047	nq	99
71) Anthracene	11.03	178	561140	35.630	nq	98
72) Carbazole	11.19	167	549970	35.508	nq	99
73) Di-n-butylphthalate	11.53	149	738784	38.587	nq	99
74) Fluoranthene	12.16	202	538966	35.779	nq	98
76) Benzidine	12.29	184	137618	20.966	nq	# 93
77) Pyrene	12.38	202	539126	37.227	nq	99
79) Butylbenzylphthalate	13.02	149	283369	38.466	nq	# 82
80) Benzo(a)anthracene	13.57	228	399088	34.866	nq	99
81) 3,3'-Dichlorobenzidine	13.53	252	135089	31.296	nq	# 97
82) Chrysene	13.60	228	396526	35.477	nq	99
83) Bis(2-ethylhexyl)phthalate	13.58	149	366217	38.074	nq	98
84) Di-n-octyl phthalate	14.19	149	638603	36.179	nq	# 92
85) Indeno(1,2,3-cd)pyrene	16.13	276	284155	29.649	nq	99
87) Benzo(b)fluoranthene	14.56	252	358076	36.493	nq	98
88) Benzo(k)fluoranthene	14.59	252	340381	36.403	nq	97
89) Benzo(a)pyrene	14.87	252	327087	36.422	nq	99
90) Dibenzo(a,h)anthracene	16.13	278	237946	32.310	nq	98
91) Benzo(g,h,i)perylene	16.48	276	253811	32.865	nq	99

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



#1

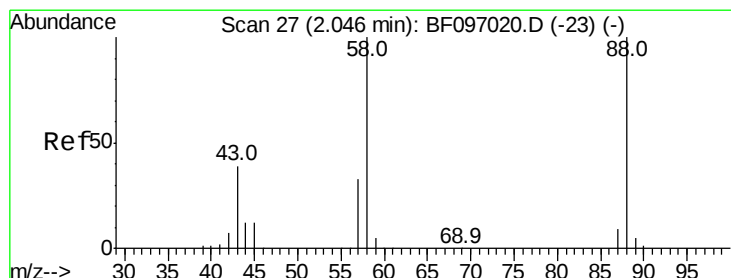
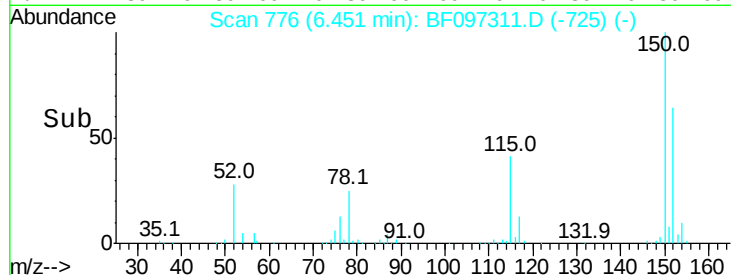
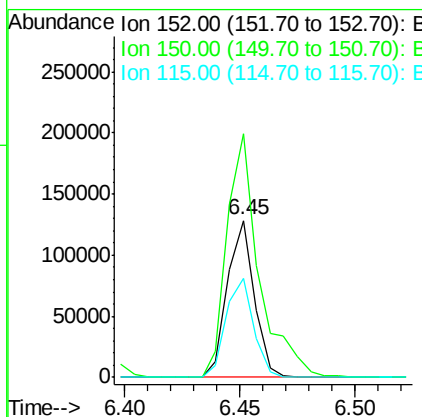
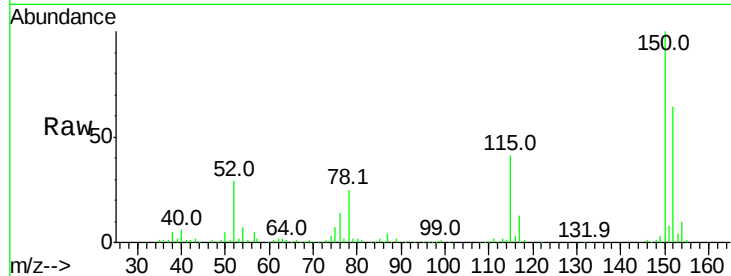
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.45 min Scan# 776
Delta R.T. 0.00 min
Lab File: BF097311.D
Acq: 3 Aug 2017 10:35

Instrument :
BNA_F
ClientSampleId :
E2-L6-NSWMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	126.2	189.2
115	63.4	52.2	78.2

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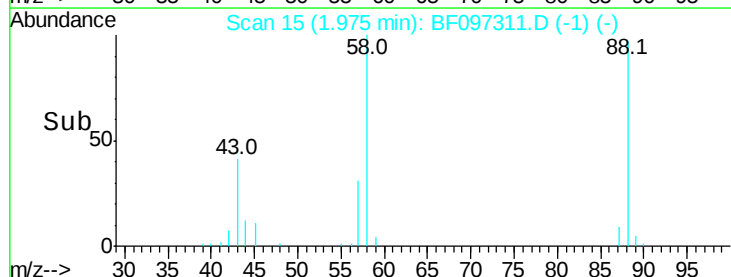
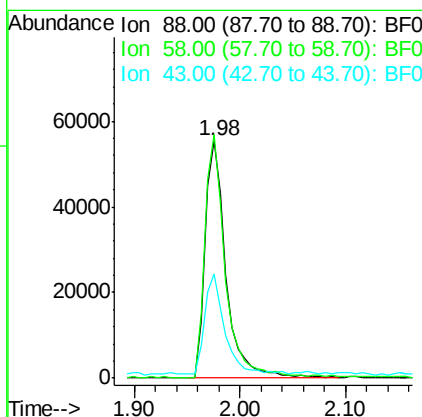
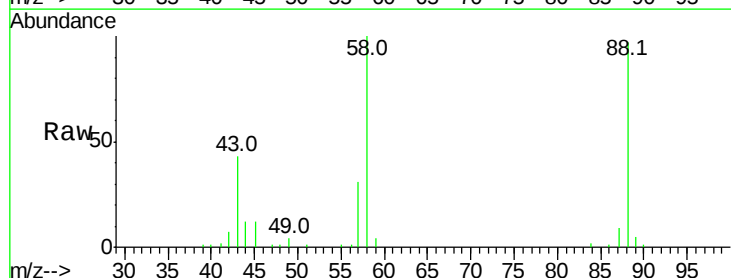
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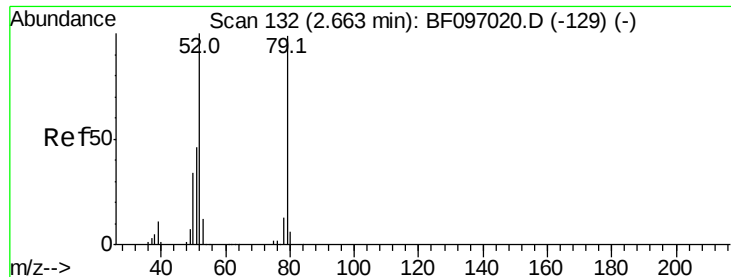


#2

1,4-Dioxane
Concen: 26.575 ng
RT: 1.98 min Scan# 15
Delta R.T. 0.05 min
Lab File: BF097311.D
Acq: 3 Aug 2017 10:35

Tgt Ion	Ratio	Lower	Upper
88	100		
58	101.1	61.4	92.0#
43	39.9	23.4	35.0#





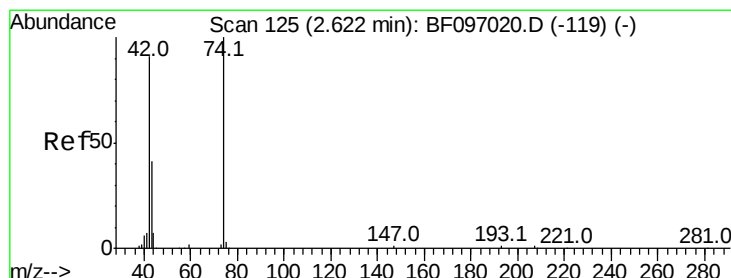
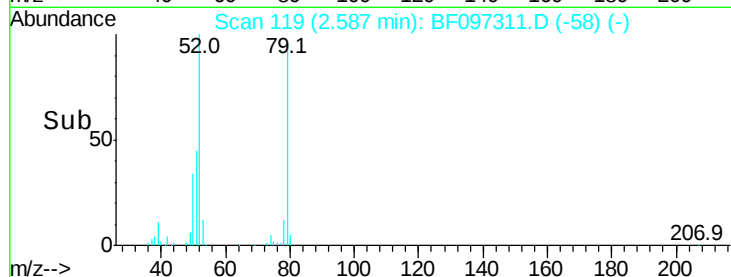
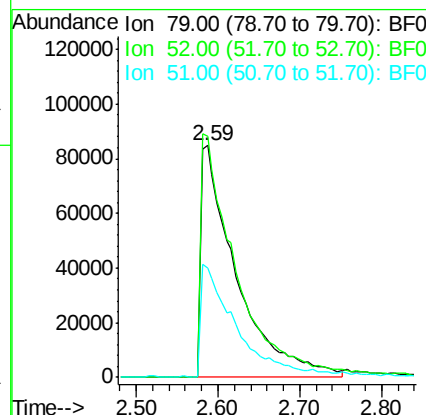
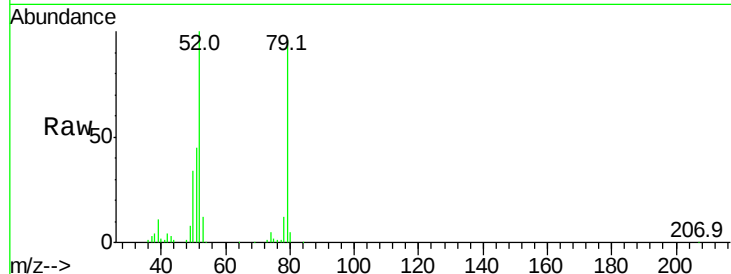
#3
 Pvridine
 Concen: 29.008 ng
 RT: 2.59 min Scan# 119
 Delta R.T. 0.06 min
 Lab File: BF097311.D
 Acq: 3 Aug 2017 10:35

Instrument :
 BNA_F
 ClientSampleId :
 E2-L6-NSWMS

Tot Ion	Ratio	Lower	Upper
79	100		
52	104.4	54.8	82.2#
51	47.1	27.0	40.4#

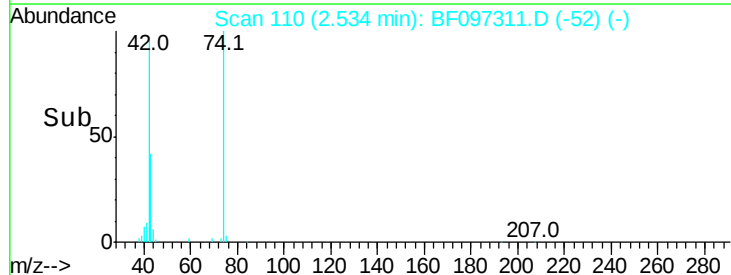
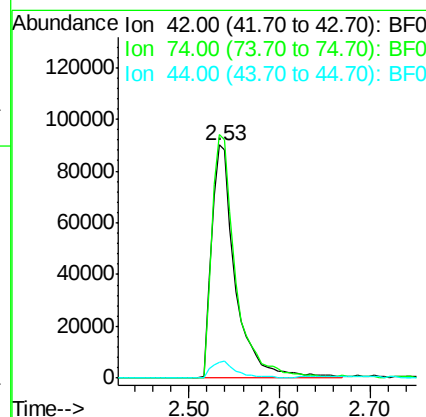
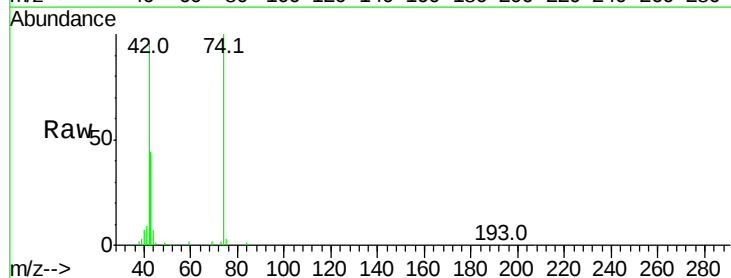
Manual Integrations
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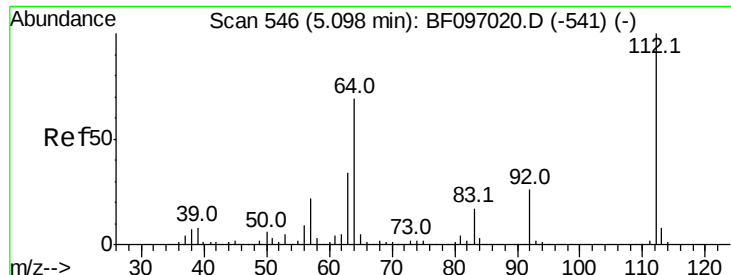
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#4
 n-Nitrosodimethylamine
 Concen: 33.917 ng
 RT: 2.53 min Scan# 110
 Delta R.T. 0.04 min
 Lab File: BF097311.D
 Acq: 3 Aug 2017 10:35

Tgt Ion	Ratio	Lower	Upper
42	100		
74	104.5	103.9	155.9
44	6.8	5.7	8.5





#5

2-Fluorophenol

Concen: 106.472 ng

RT: 5.05 min Scan# 538

Delta R.T. 0.01 min

Lab File: BF097311.D

Acq: 3 Aug 2017 10:35

Instrument :

BNA_F

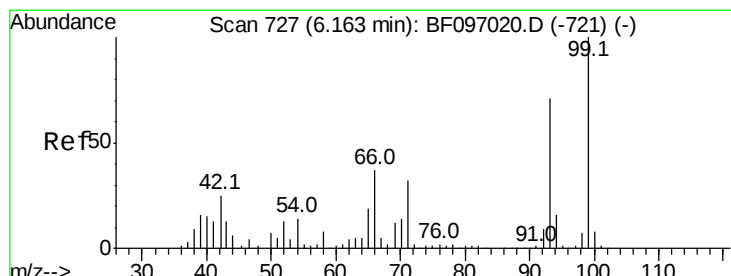
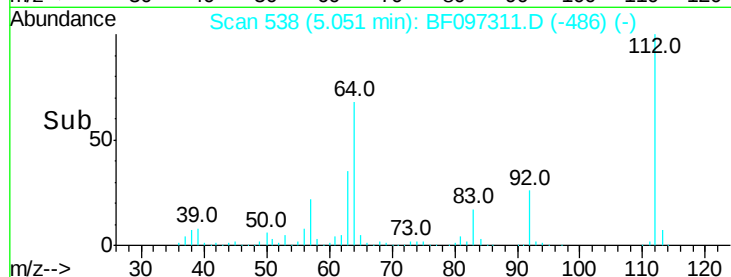
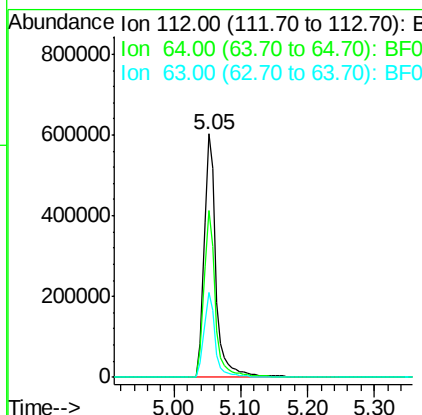
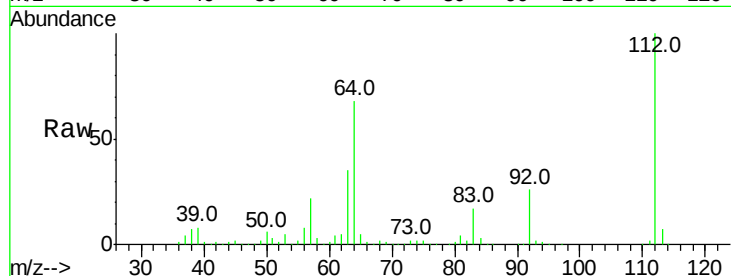
ClientSampleId :

E2-L6-NSWMS

Tot Ion:	112	Resp:	734985
Ion Ratio	Lower	Upper	
112	100		
64	68.3	46.0	69.0
63	34.9	23.4	35.0

Manual Integrations
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#6

Aniline

Concen: 25.422 ng

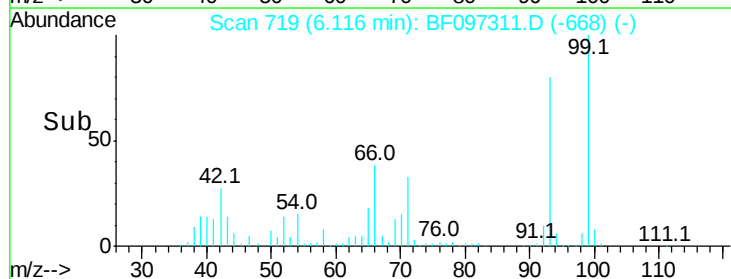
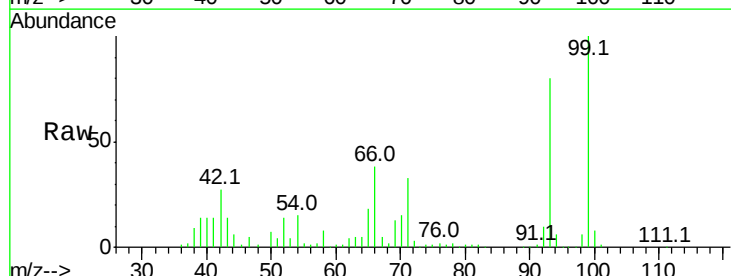
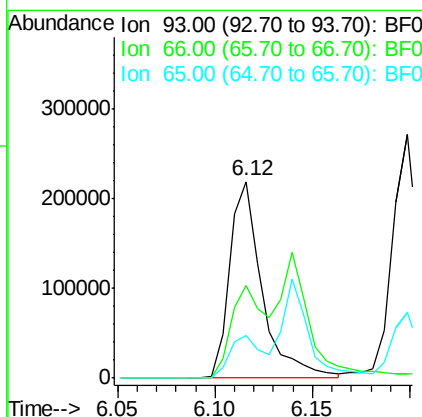
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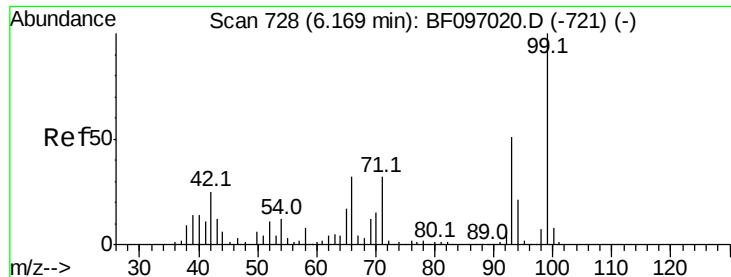
Delta R.T. 0.00 min

Lab File: BF097311.D

Acq: 3 Aug 2017 10:35

Tgt Ion:	93	Resp:	252108
Ion Ratio	Lower	Upper	
93	100		
66	47.3	32.9	49.3
65	21.9	16.0	24.0





#7

Phenol-d6

Concen: 105.494 ng

RT: 6.13 min Scan# 721

Delta R.T. 0.00 min

Lab File: BF097311.D

Acq: 3 Aug 2017 10:35

Instrument :

BNA_F

ClientSampleId :

E2-L6-NSWMS

Tot Ion: 99 Resp: 831367

Ion Ratio Lower Upper

99 100

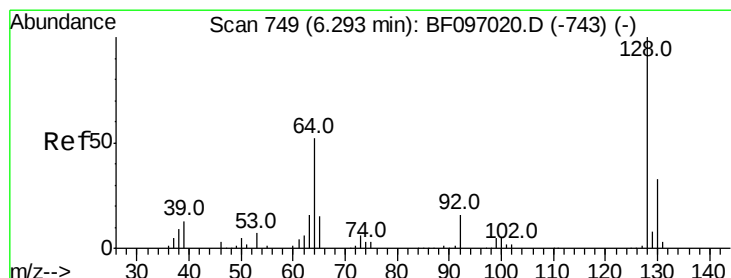
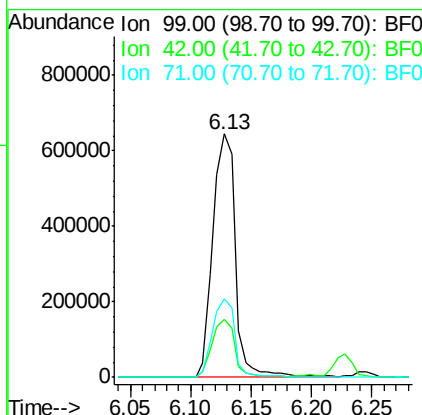
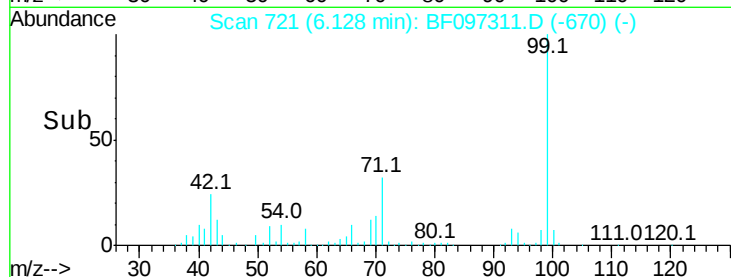
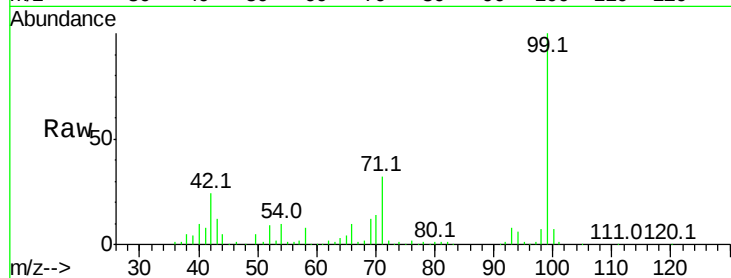
42 24.1 13.5 20.3#

71 32.3 24.5 36.7

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#8

2-Chlorophenol

Concen: 37.213 ng

RT: 6.25 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF097311.D

Acq: 3 Aug 2017 10:35

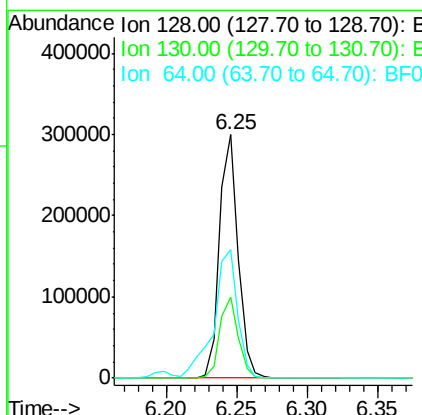
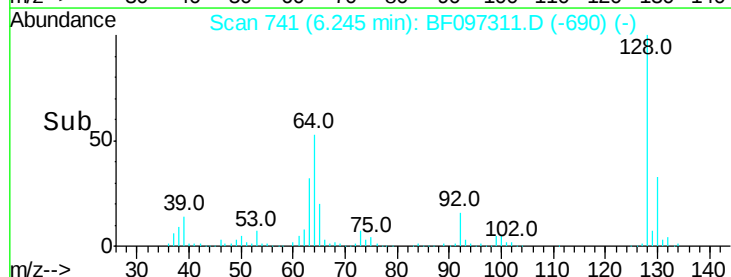
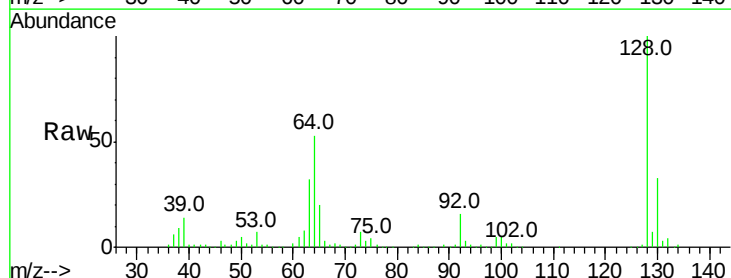
Tgt Ion: 128 Resp: 274683

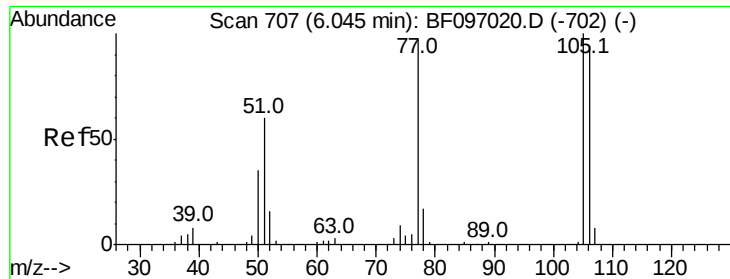
Ion Ratio Lower Upper

128 100

130 33.3 12.9 52.9

64 52.6 28.4 68.4





#9

Benzaldehyde

Concen: 39.732 ng

RT: 5.99 min Scan# 698

Delta R.T. -0.01 min

Lab File: BF097311.D

Acq: 3 Aug 2017 10:35

Instrument :

BNA_F

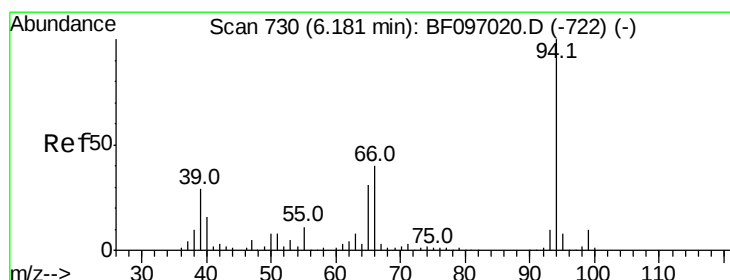
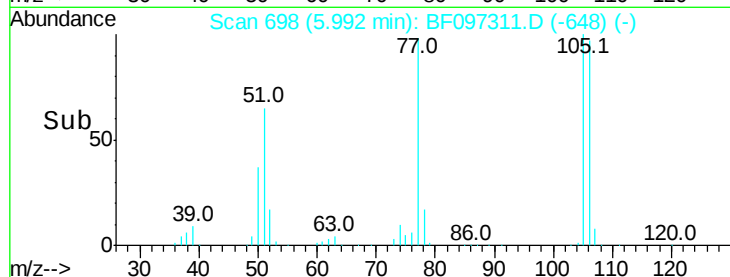
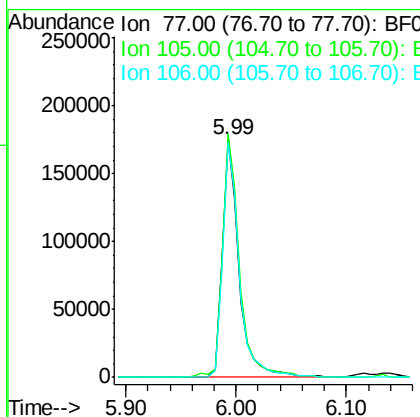
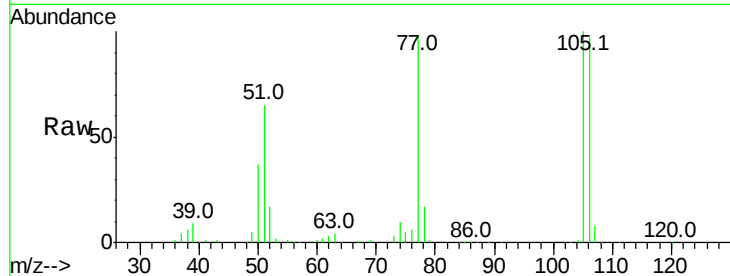
ClientSampleId :

E2-L6-NSWMS

Tot Ion:	77	Resp:	185336
Ion	Ratio	Lower	Upper
77	100		
105	102.4	83.8	123.8
106	98.9	79.1	119.1

Manual Integrations
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#10

Phenol

Concen: 38.848 ng

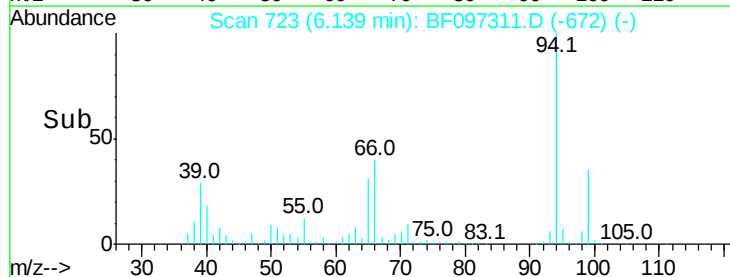
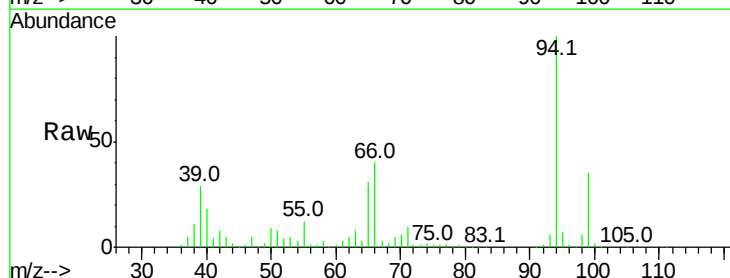
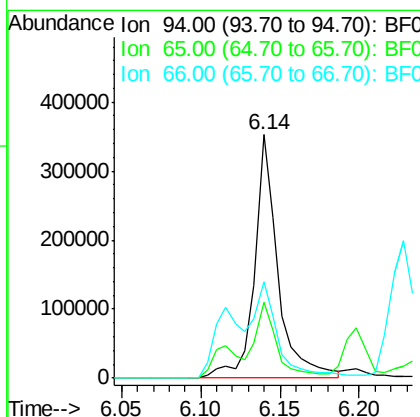
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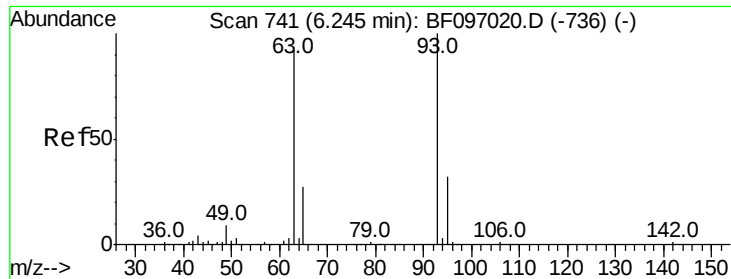
Delta R.T. 0.00 min

Lab File: BF097311.D

Acq: 3 Aug 2017 10:35

Tgt Ion:	94	Resp:	363134
Ion	Ratio	Lower	Upper
94	100		
65	31.3	9.9	49.9
66	39.6	23.1	63.1





#11

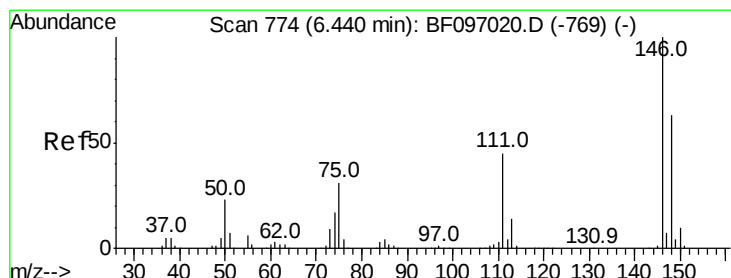
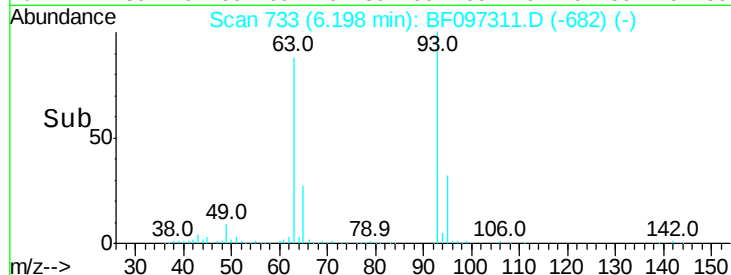
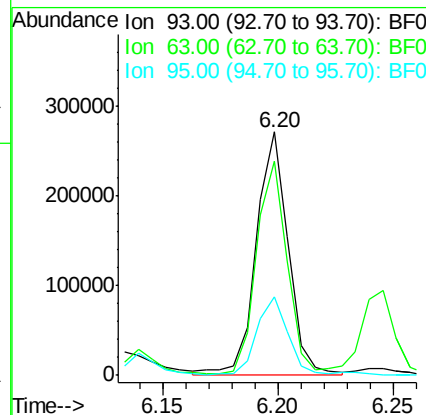
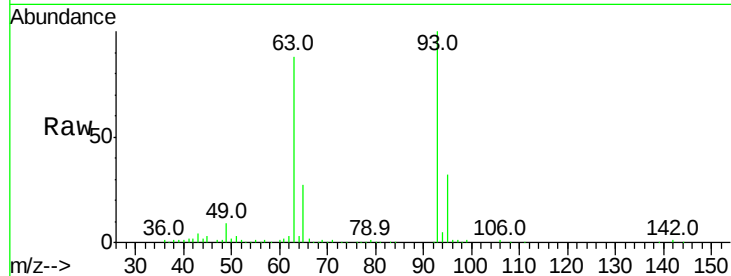
bis(2-Chloroethyl)ether
Concen: 35.477 ng
RT: 6.20 min Scan# 733
Delta R.T. 0.00 min
Lab File: BF097311.D
Acq: 3 Aug 2017 10:35

Instrument :
BNA_F
ClientSampleId :
E2-L6-NSWMS

Tot Ion	93	Ratio	100	Resp	262285
Ion	93	100		Lower	Upper
	63	88.0		59.2	99.2
	95	32.3		12.8	52.8

Manual Integrations
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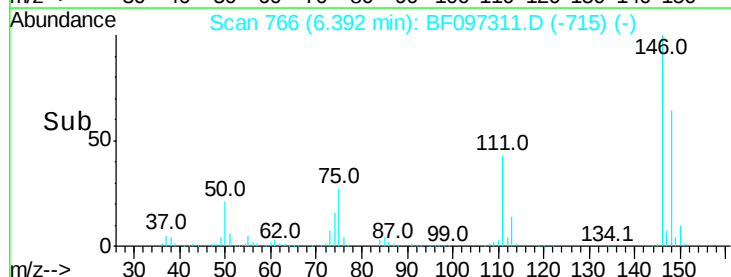
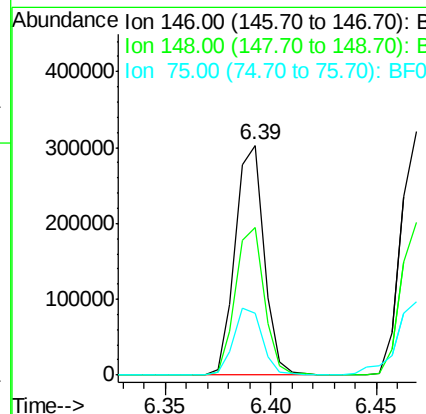
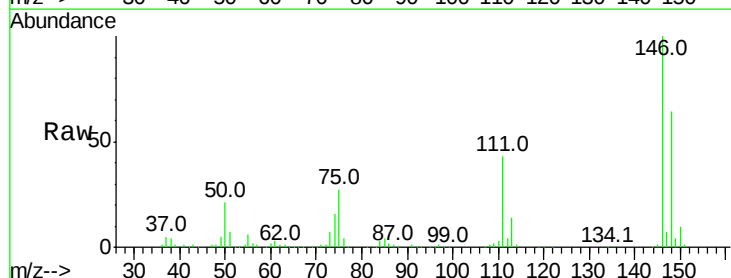
Sohil
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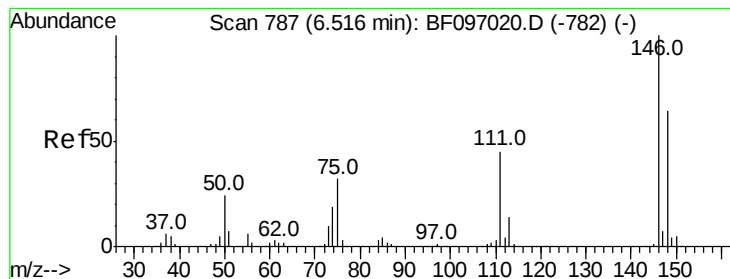


#12

1,3-Dichlorobenzene
Concen: 35.938 ng
RT: 6.39 min Scan# 766
Delta R.T. 0.00 min
Lab File: BF097311.D
Acq: 3 Aug 2017 10:35

Tgt Ion	146	Ratio	100	Resp	285871
Ion	146	100		Lower	Upper
	148	64.1		51.8	77.6
	75	27.0		23.1	34.7





#13

1,4-Dichlorobenzene

Concen: 37.498 ng

RT: 6.47 min Scan# 779

Delta R.T. 0.00 min

Lab File: BF097311.D

Acq: 3 Aug 2017 10:35

Instrument :

BNA_F

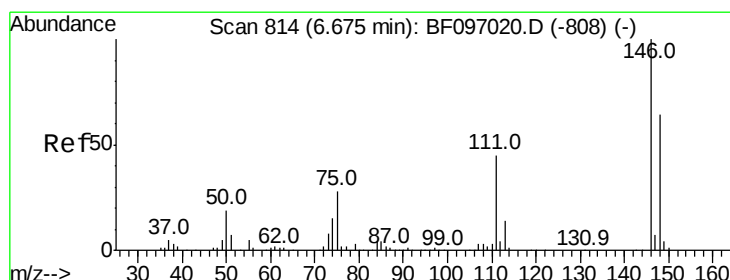
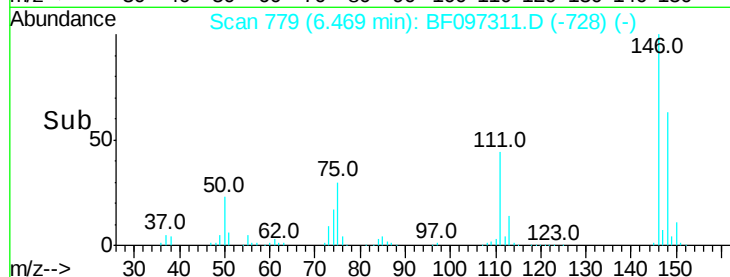
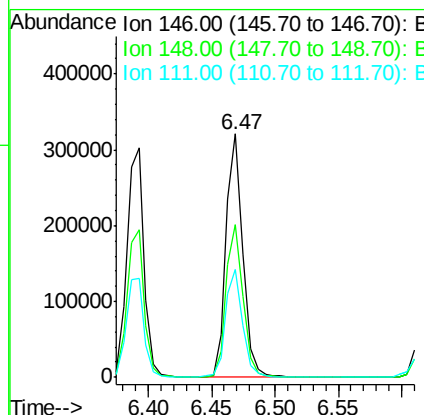
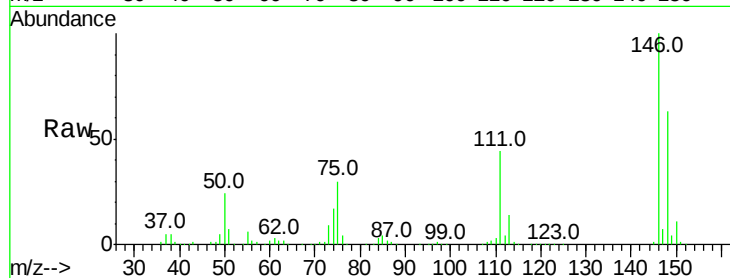
ClientSampleId :

E2-L6-NSWMS

Tot Ion:	146	Resp:	295602
Ion Ratio	Lower	Upper	
146	100		
148	62.7	52.2	78.2
111	44.1	30.3	45.5

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 36.006 ng

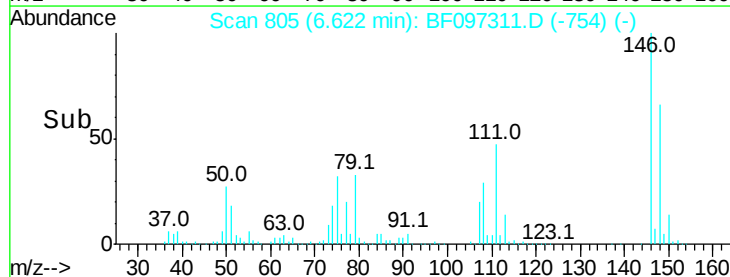
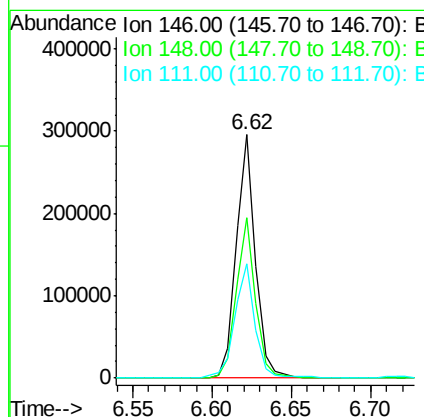
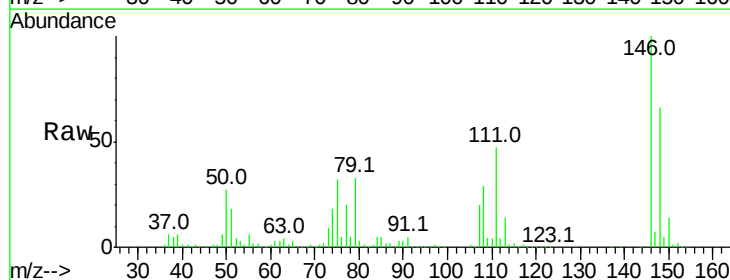
RT: 6.62 min Scan# 805

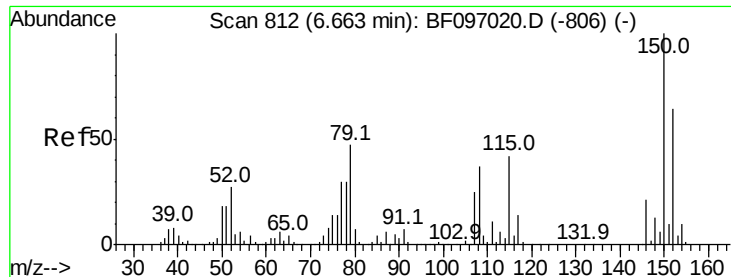
Delta R.T. 0.00 min

Lab File: BF097311.D

Acq: 3 Aug 2017 10:35

Tgt Ion:	146	Resp:	247836
Ion Ratio	Lower	Upper	
146	100		
148	65.6	50.4	75.6
111	46.8	38.2	57.4





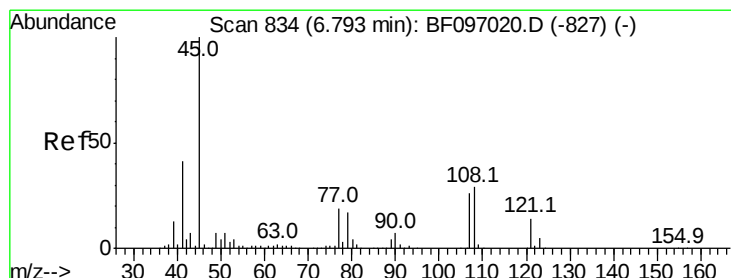
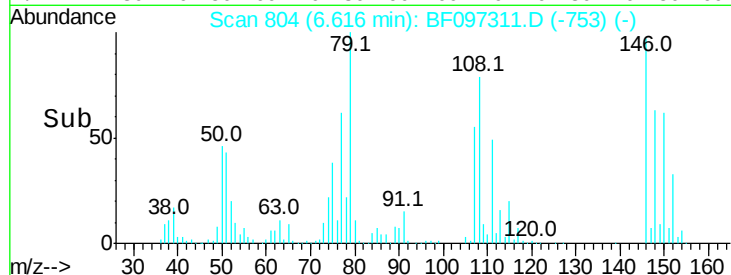
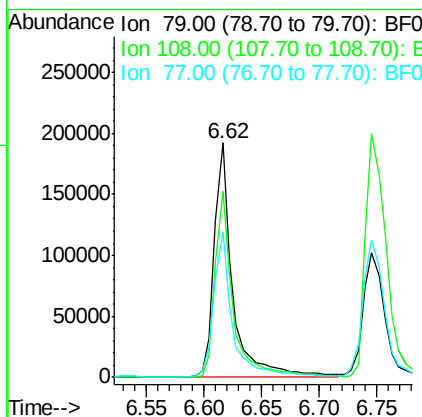
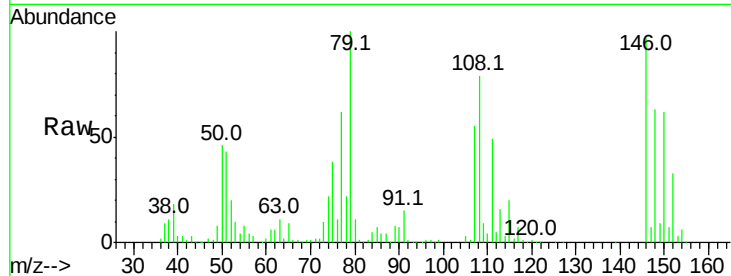
#15
Benzyl Alcohol
Concen: 42.710 ng
RT: 6.62 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF097311.D
Acq: 3 Aug 2017 10:35

Instrument :
BNA_F
ClientSampled :
E2-L6-NSWMS

Tot Ion	Ratio	Lower	Upper
79	100		
108	79.3	63.4	95.0
77	62.0	49.2	73.8

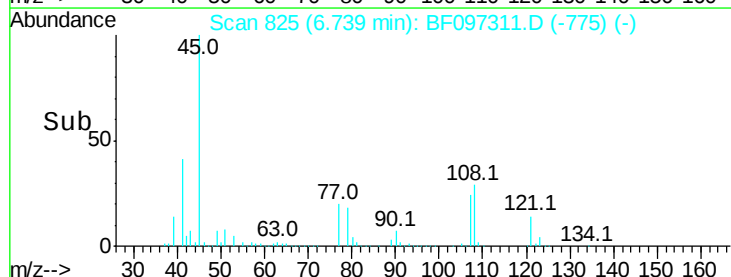
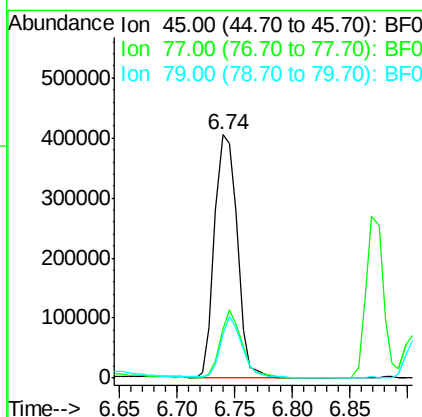
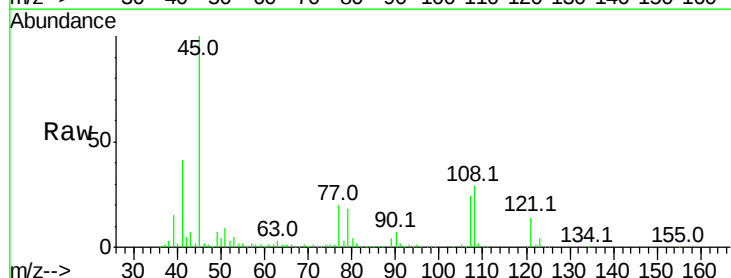
Manual Integrations
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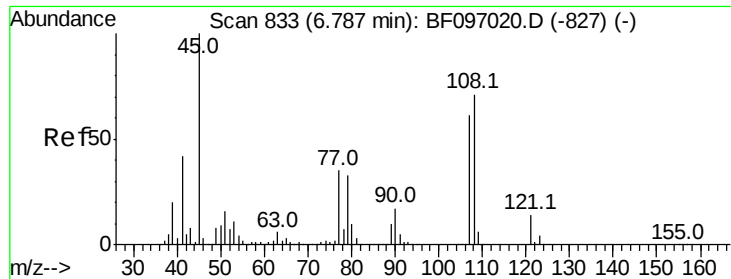
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#16
2,2'-oxybis(1-chloropropane)
Concen: 37.542 ng
RT: 6.74 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF097311.D
Acq: 3 Aug 2017 10:35

Tgt Ion	Ratio	Lower	Upper
45	100		
77	20.4	0.0	33.2
79	18.3	0.0	30.0





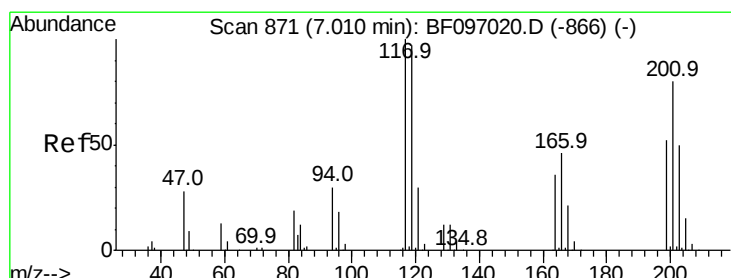
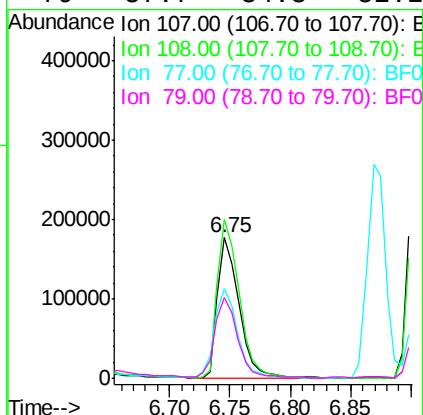
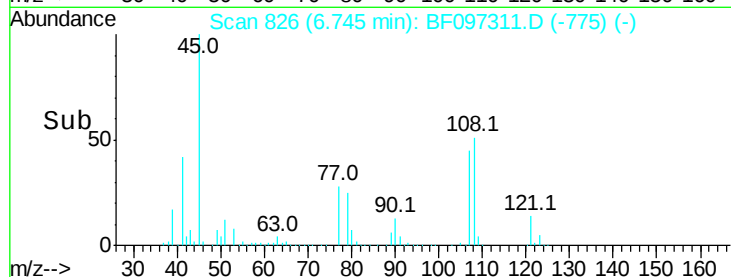
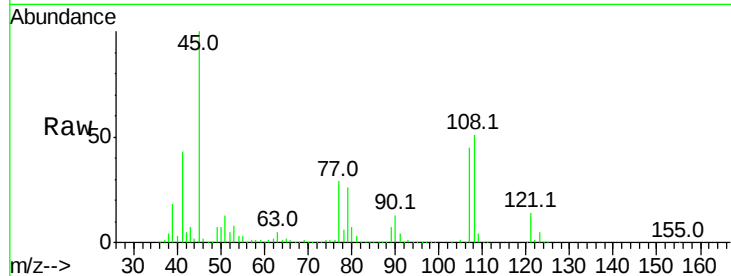
#17
2-Methylphenol
Concen: 38.215 ng
RT: 6.75 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF097311.D
Acq: 3 Aug 2017 10:35

Instrument :
BNA_F
ClientSampleId :
E2-L6-NSWMS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	217703		
108	112.6	93.4	140.0	
77	63.7	35.8	53.6#	
79	57.7	34.8	52.2#	

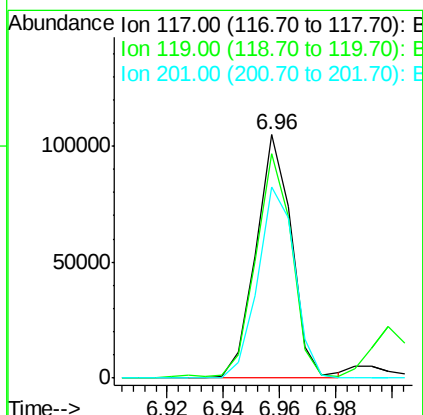
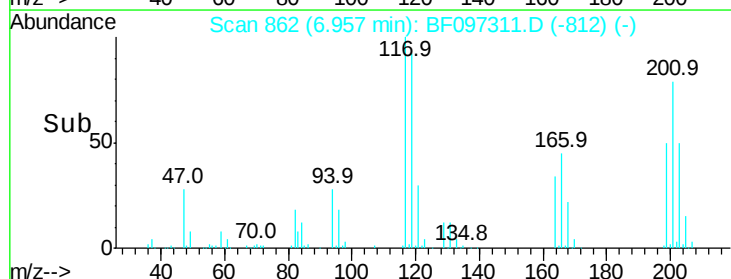
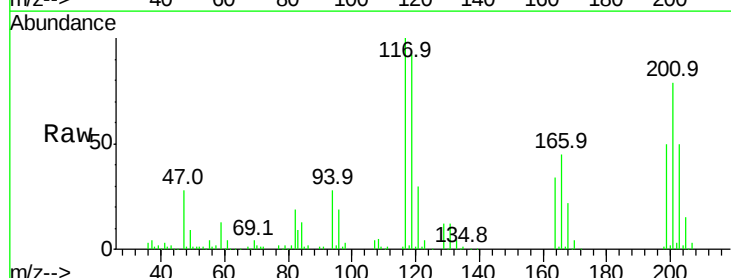
Manual Integrations
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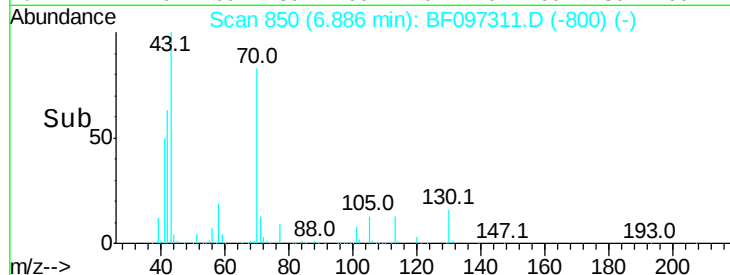
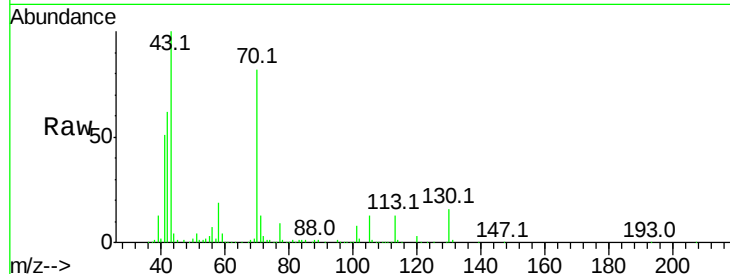
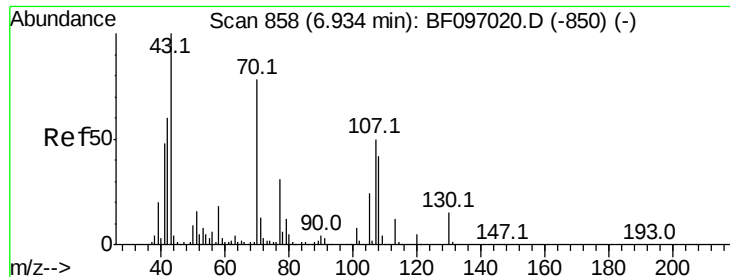
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#18
Hexachloroethane
Concen: 31.860 ng
RT: 6.96 min Scan# 862
Delta R.T. -0.01 min
Lab File: BF097311.D
Acq: 3 Aug 2017 10:35

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	91884		
119	92.2	77.4	116.0	
201	78.7	94.6	141.8#	





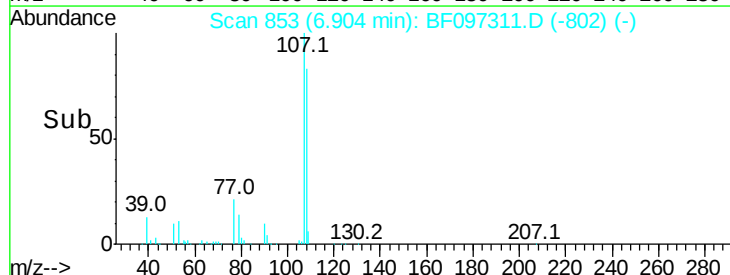
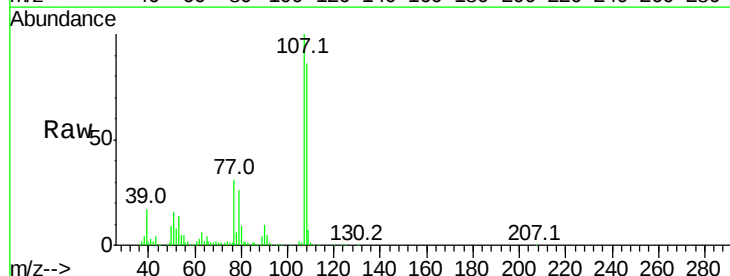
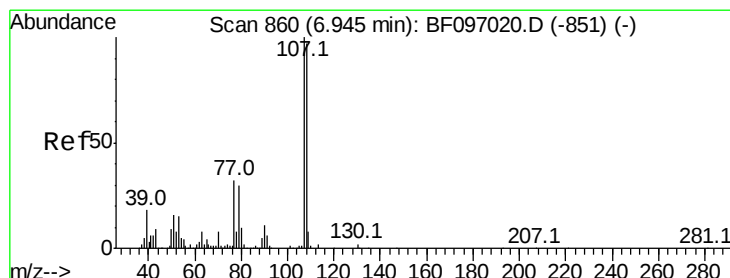
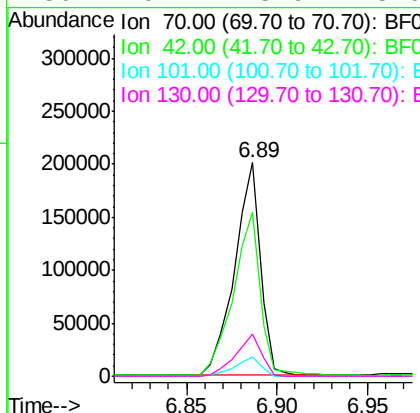
#19
n-Nitroso-di-n-propylamine
Concen: 38.399 ng
RT: 6.89 min Scan# 850
Delta R.T. -0.01 min
Lab File: BF097311.D
Acq: 3 Aug 2017 10:35

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	76.4	47.2	70.8#		
101	9.2	7.2	10.8		
130	19.7	15.9	23.9		

Instrument :
BNA_F
ClientSampleId :
E2-L6-NSWMS

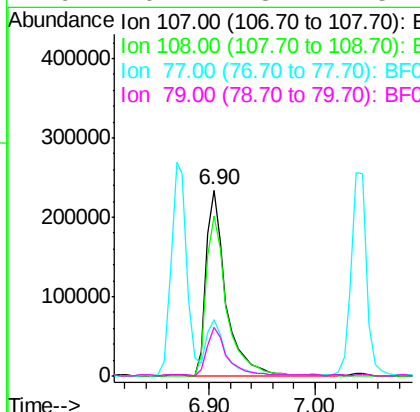
Manual Integrations
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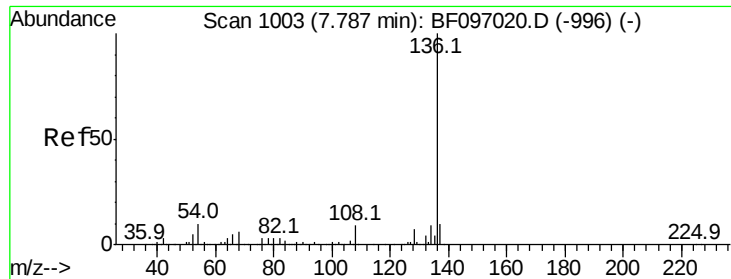
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#20
3+4-Methylphenols
Concen: 40.650 ng
RT: 6.90 min Scan# 853
Delta R.T. 0.00 min
Lab File: BF097311.D
Acq: 3 Aug 2017 10:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	86.1	71.0	111.0		
77	30.5	90.5	130.5#		
79	26.4	8.4	48.4		





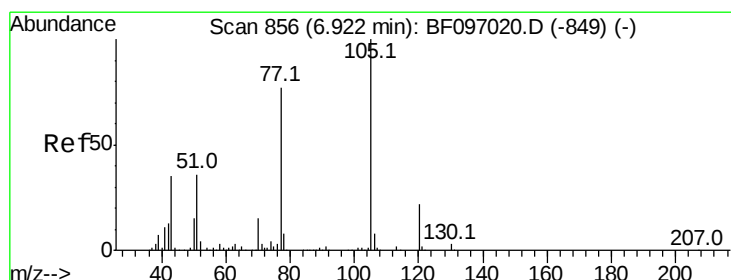
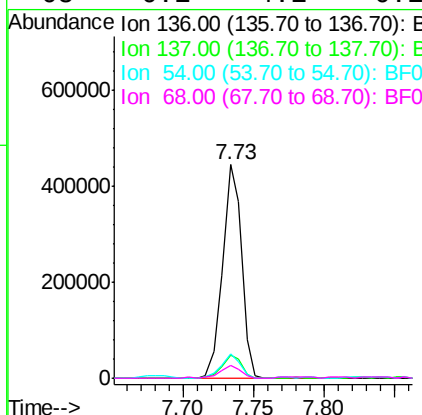
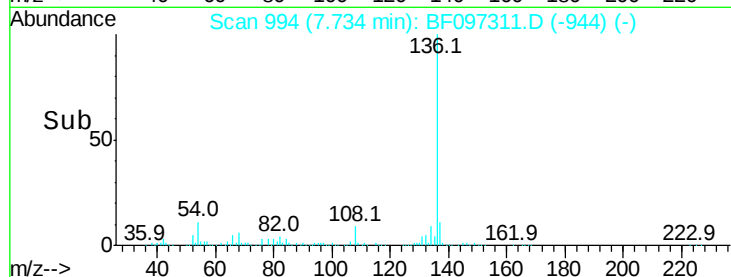
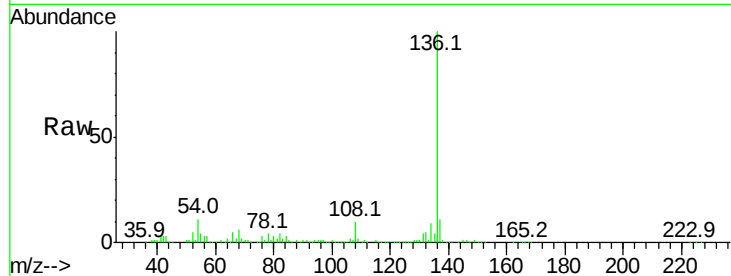
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.73 min Scan# 994
Delta R.T. -0.01 min
Lab File: BF097311.D
Acq: 3 Aug 2017 10:35

Instrument :
BNA_F
ClientSampleId :
E2-L6-NSWMS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	8.5	12.7	
54	11.5	4.9	7.3	
68	6.1	4.1	6.1	

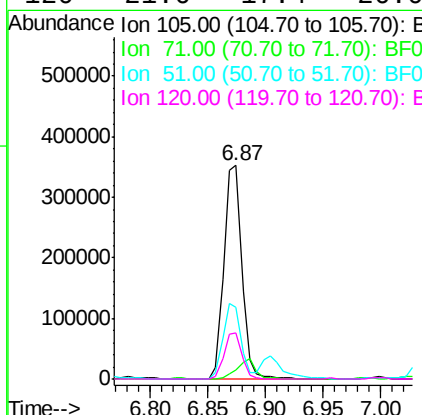
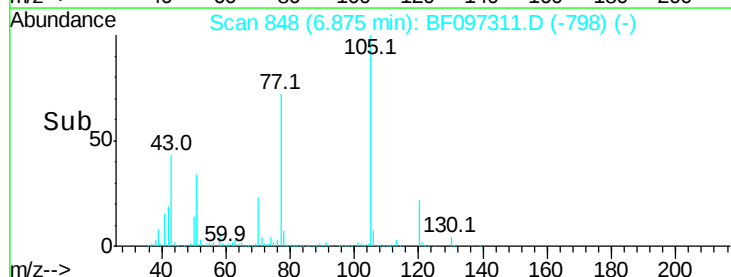
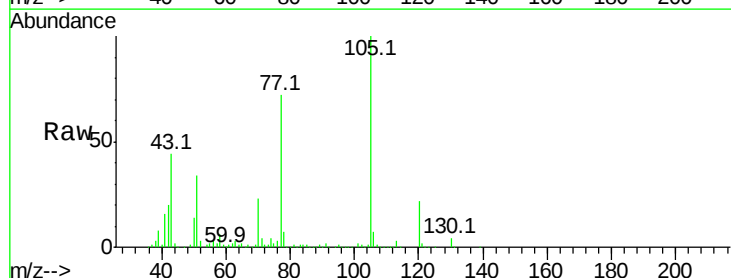
Manual Integrations
APPROVED

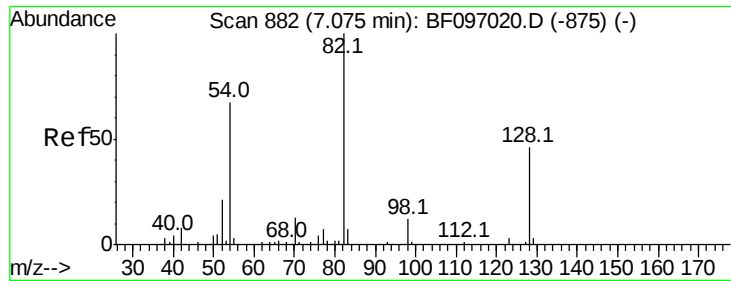
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#22
Acetophenone
Concen: 38.233 ng
RT: 6.87 min Scan# 848
Delta R.T. -0.01 min
Lab File: BF097311.D
Acq: 3 Aug 2017 10:35

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	4.3	2.8	4.2	
51	33.7	30.7	46.1	
120	21.6	17.4	26.0	





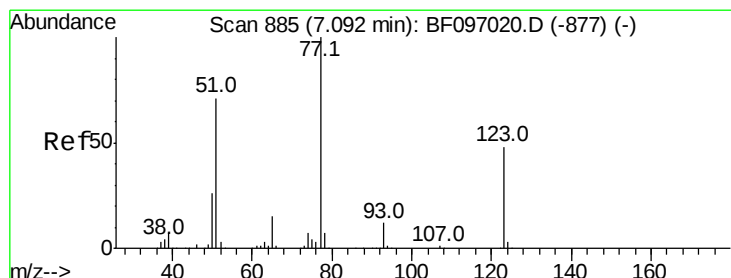
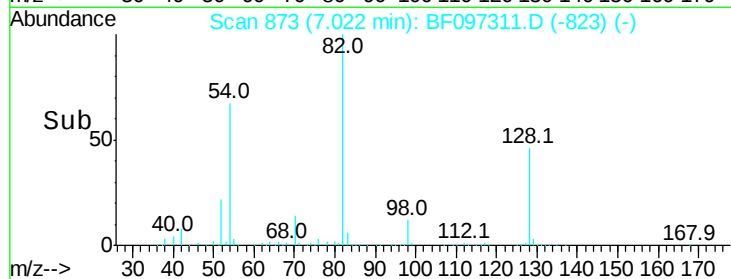
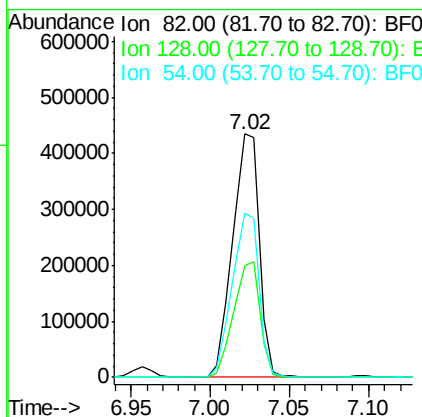
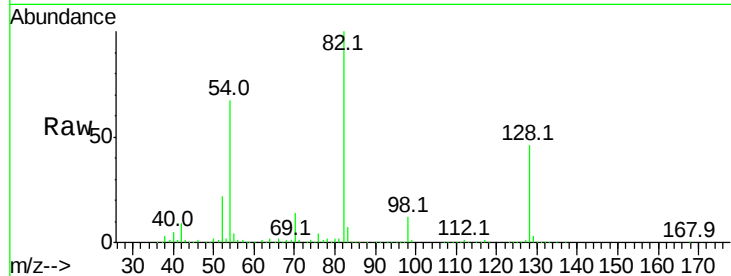
#23
Nitrobenzene-d5
Concen: 70.604 ng
RT: 7.02 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF097311.D
Acq: 3 Aug 2017 10:35

Instrument :
BNA_F
ClientSampleId :
E2-L6-NSWMS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.1	34.0	51.0	
54	67.3	42.2	63.2	

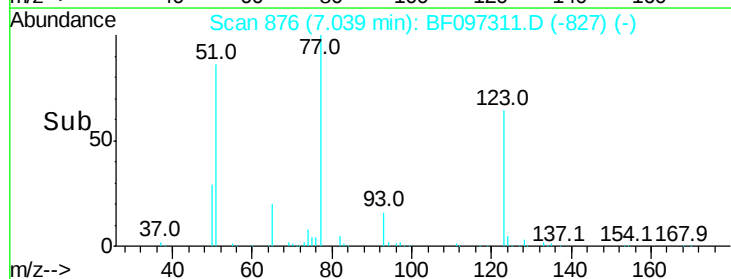
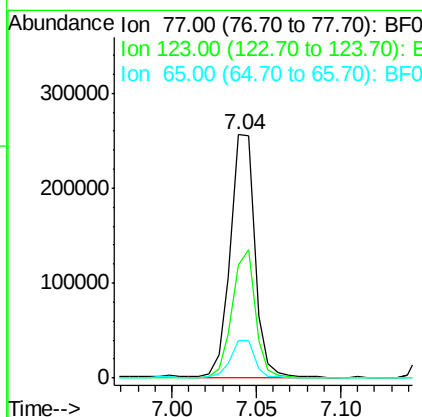
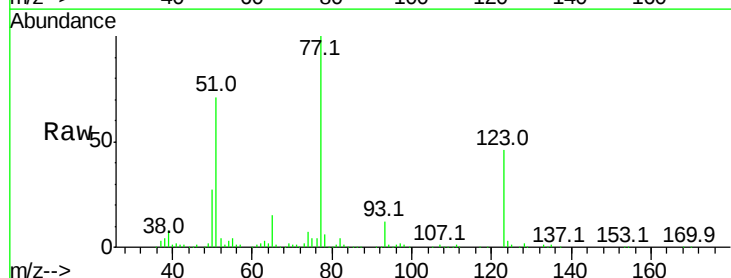
Manual Integrations
APPROVED

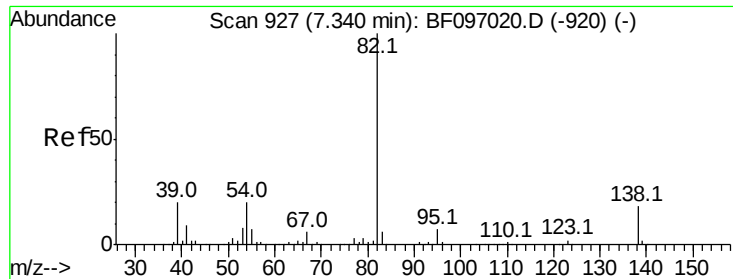
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#24
Nitrobenzene
Concen: 34.706 ng
RT: 7.04 min Scan# 876
Delta R.T. -0.01 min
Lab File: BF097311.D
Acq: 3 Aug 2017 10:35

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	46.4	35.8	53.8	
65	15.5	10.6	15.8	





#25

Isophorone

Concen: 34.077 ng

RT: 7.29 min Scan# 918

Delta R.T. -0.01 min

Lab File: BF097311.D

Acq: 3 Aug 2017 10:35

Instrument :

BNA_F

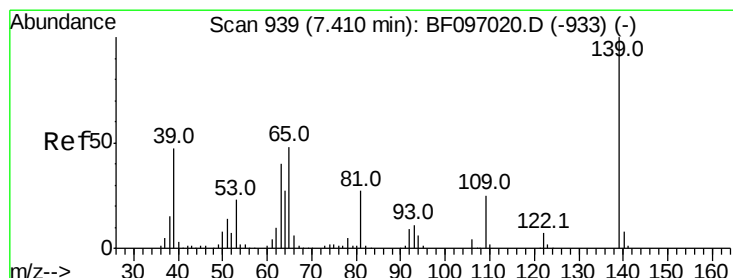
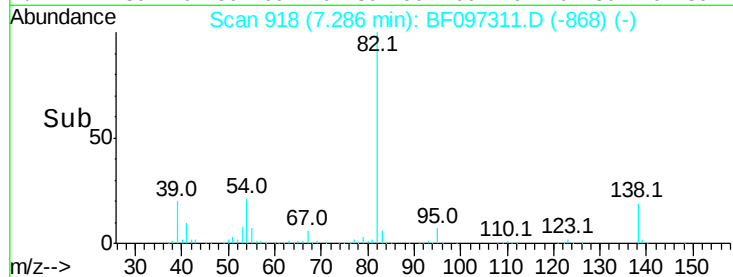
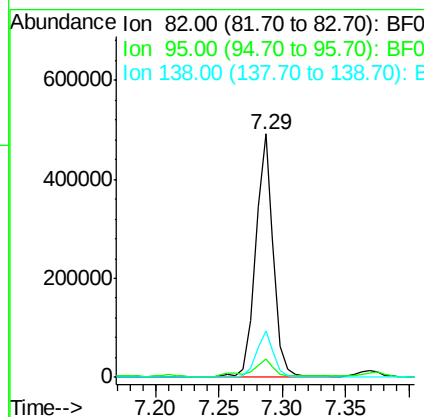
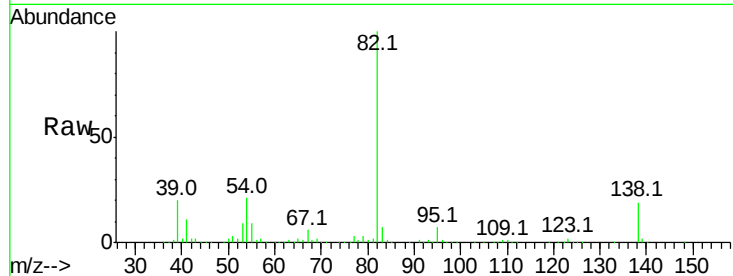
ClientSampleId :

E2-L6-NSWMS

Tot Ion	82	Resp	476123
Ion Ratio	Lower	Upper	
82	100		
95	7.3	5.3	7.9
138	18.9	13.1	19.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 35.402 ng

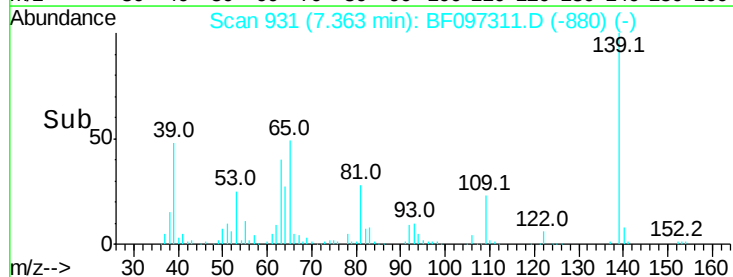
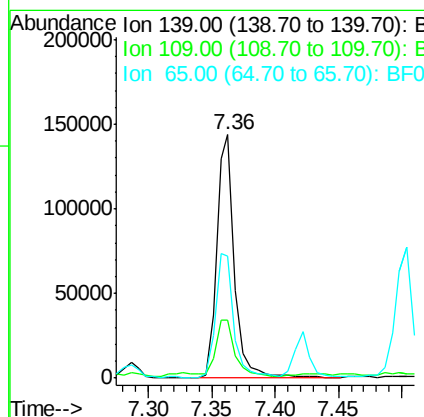
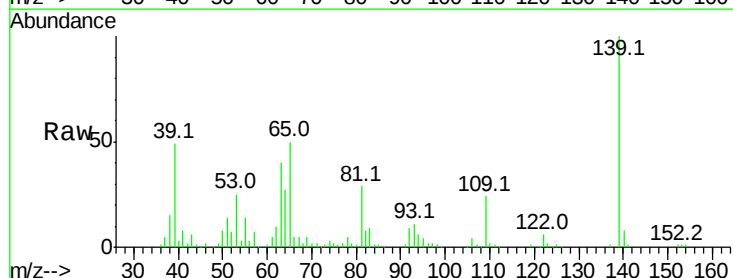
RT: 7.36 min Scan# 931

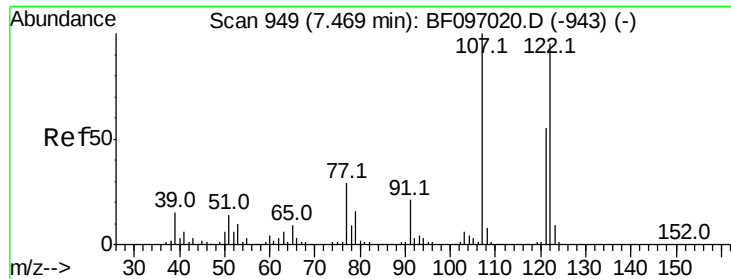
Delta R.T. 0.00 min

Lab File: BF097311.D

Acq: 3 Aug 2017 10:35

Tgt Ion	139	Resp	142312
Ion Ratio	Lower	Upper	
139	100		
109	23.9	21.0	31.6
65	49.9	33.0	49.6#





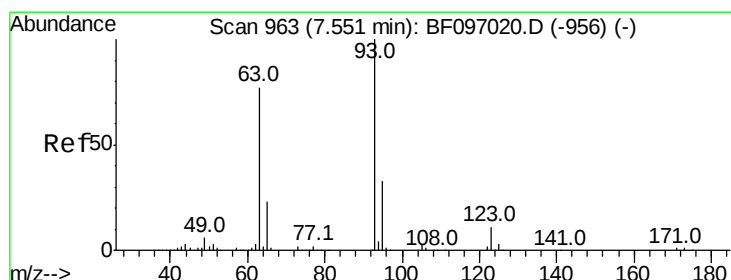
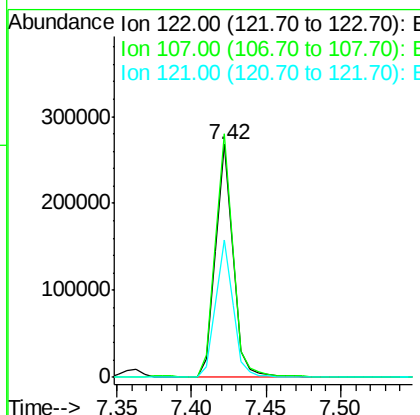
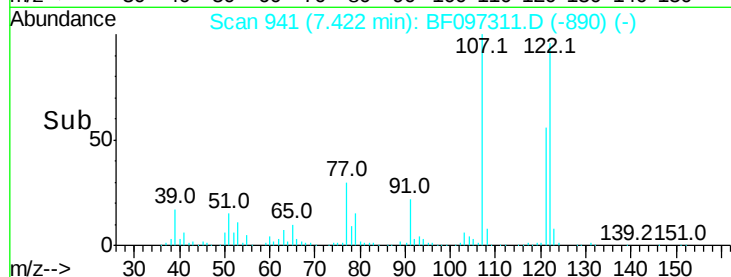
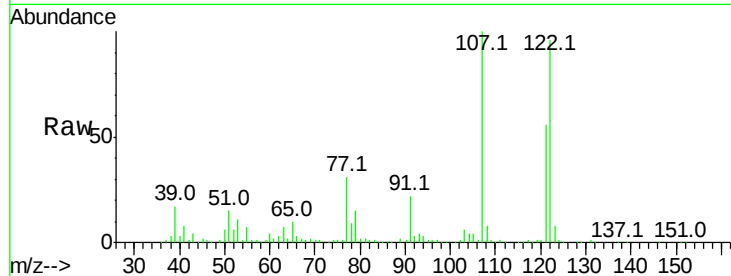
#27
2,4-Dimethylphenol
Concen: 33.399 ng
RT: 7.42 min Scan# 941
Delta R.T. 0.00 min
Lab File: BF097311.D
Acq: 3 Aug 2017 10:35

Instrument :
BNA_F
ClientSampleId :
E2-L6-NSWMS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	221480		
107	104.4	89.2	133.8	
121	58.6	45.2	67.8	

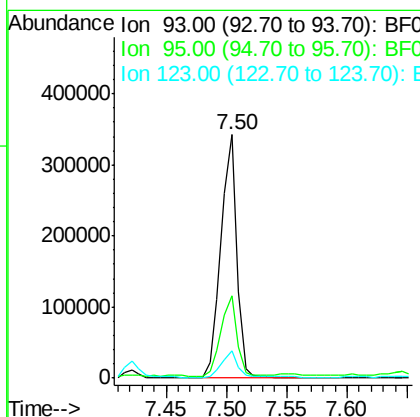
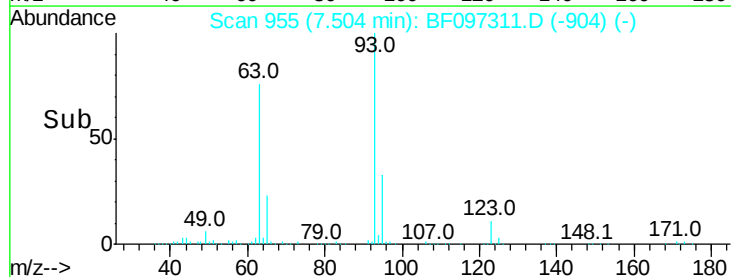
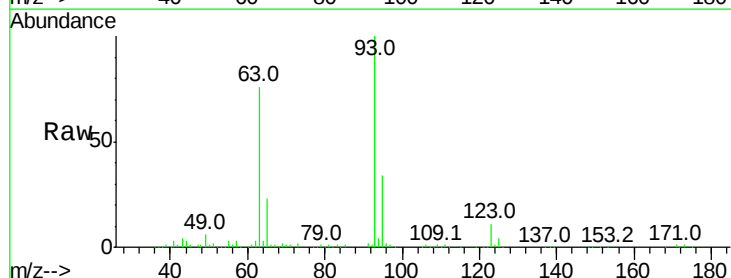
Manual Integrations
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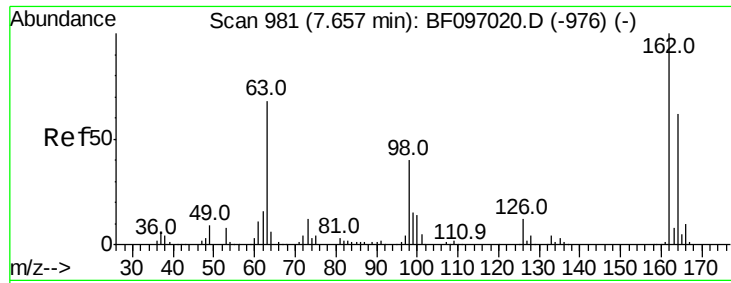
Sohil
8/3/2017 6:08:38 PM



#28
bis(2-Chloroethoxy)methane
Concen: 34.413 ng
RT: 7.50 min Scan# 955
Delta R.T. 0.00 min
Lab File: BF097311.D
Acq: 3 Aug 2017 10:35

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	313767		
95	33.8	26.5	39.7	
123	11.1	9.0	13.4	





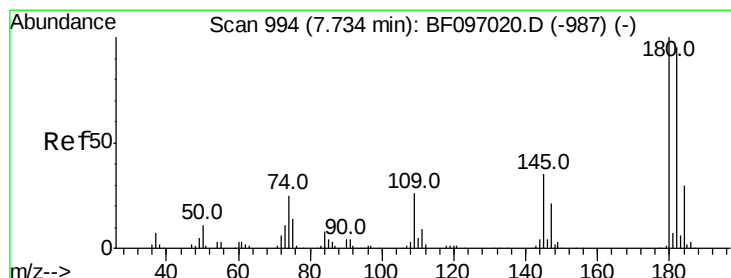
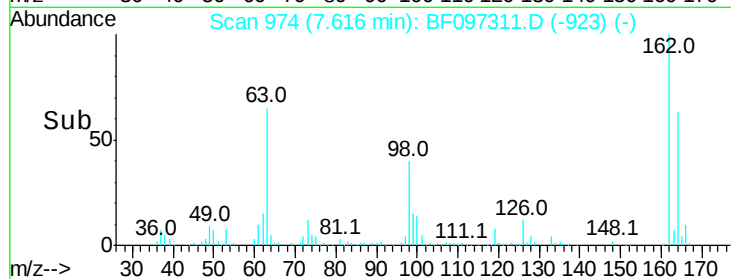
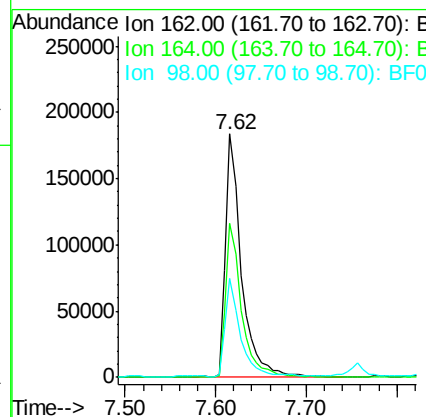
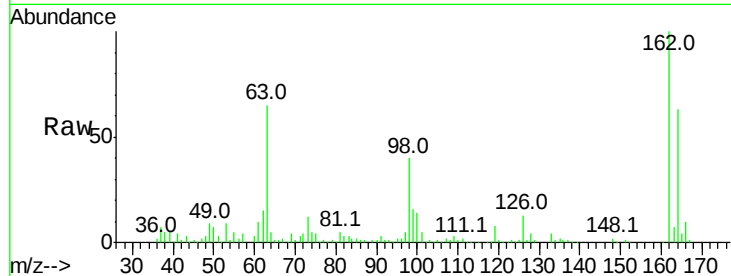
#29
 2,4-Dichlorophenol
 Concen: 38.949 ng
 RT: 7.62 min Scan# 974
 Delta R.T. 0.00 min
 Lab File: BF097311.D
 Acq: 3 Aug 2017 10:35

Instrument :
 BNA_F
 ClientSampleId :
 E2-L6-NSWMS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	63.4	44.6	84.6
98	40.5	14.8	54.8

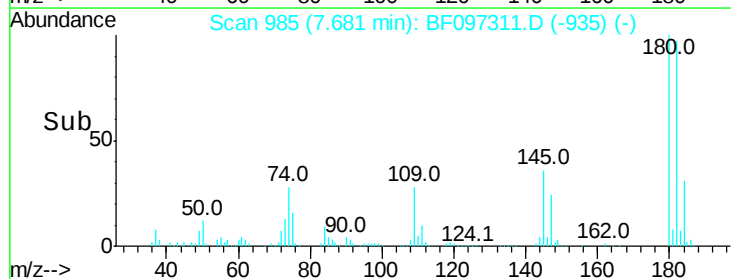
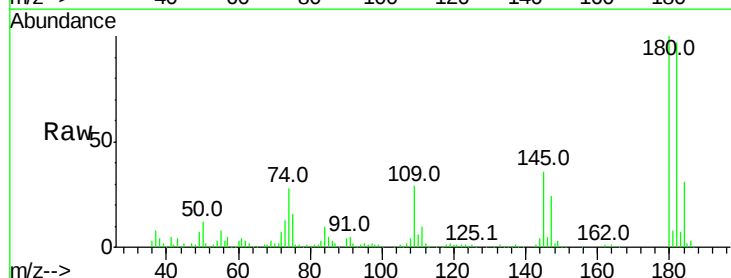
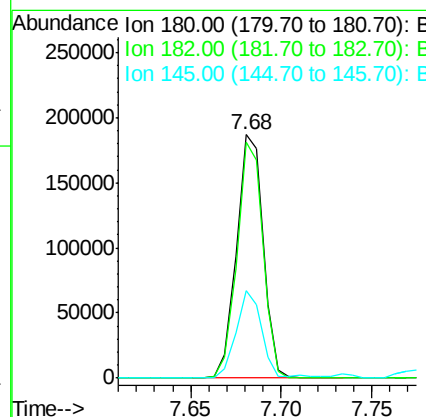
Manual Integrations
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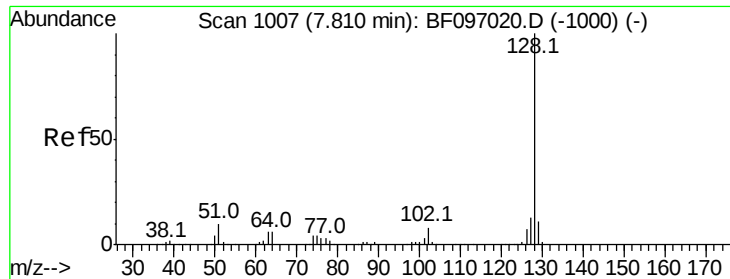
Sohil
 8/3/2017 6:08:38 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 35.113 ng
 RT: 7.68 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: BF097311.D
 Acq: 3 Aug 2017 10:35

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	96.9	75.8	113.6
145	36.1	25.3	37.9





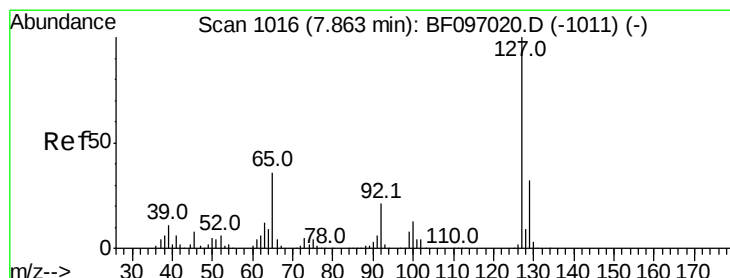
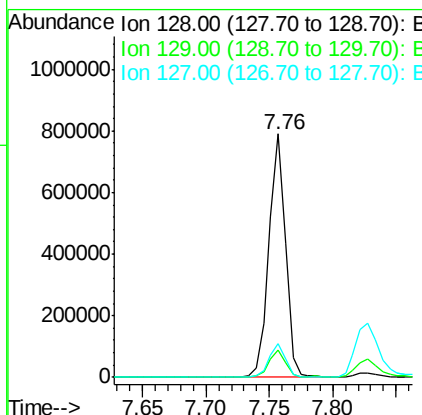
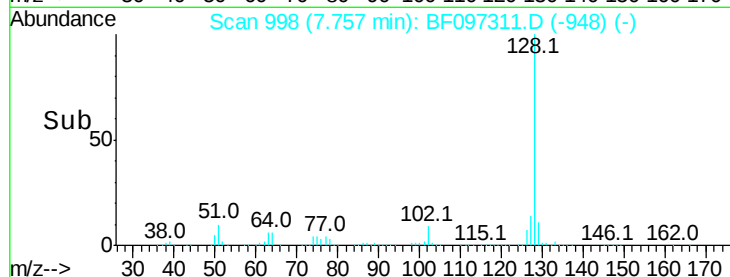
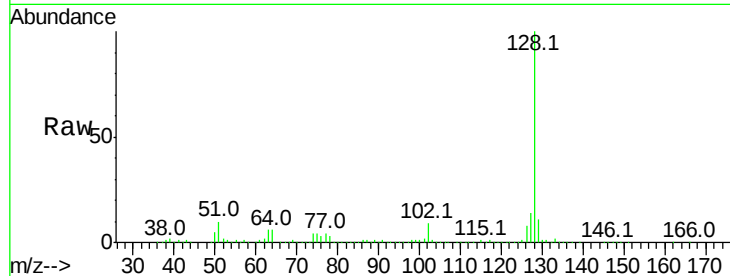
#31
Naphthalene
Concen: 36.604 ng
RT: 7.76 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF097311.D
Acq: 3 Aug 2017 10:35

Instrument :
BNA_F
ClientSampleId :
E2-L6-NSWMS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	722158		
129	11.3	9.0	13.6	
127	13.6	10.8	16.2	

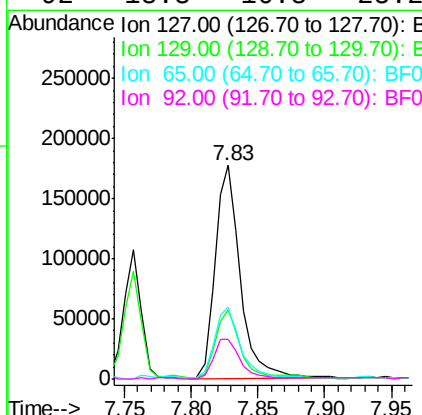
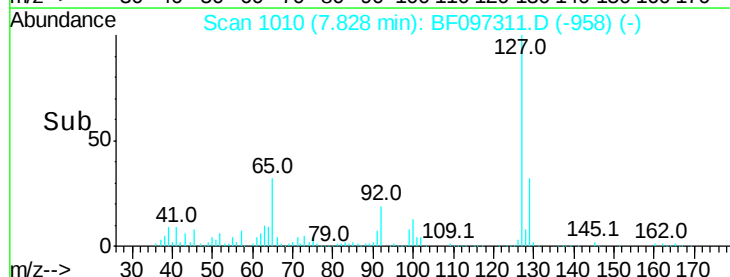
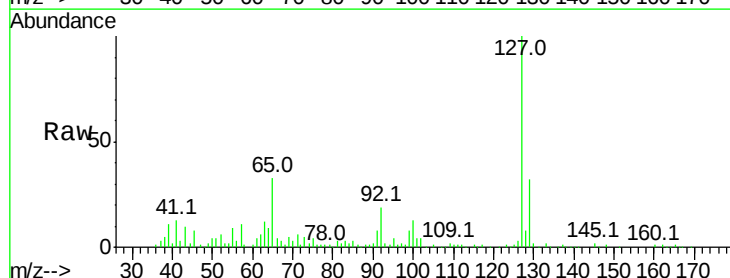
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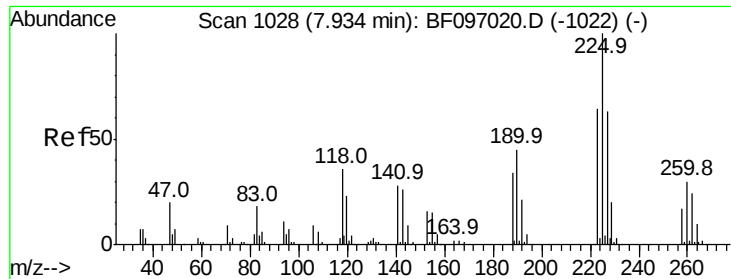
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#33
4-Chloroaniline
Concen: 29.208 ng
RT: 7.83 min Scan# 1010
Delta R.T. 0.01 min
Lab File: BF097311.D
Acq: 3 Aug 2017 10:35

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	234470		
129	32.4	26.2	39.2	
65	33.3	27.8	41.8	
92	18.8	16.8	25.2	





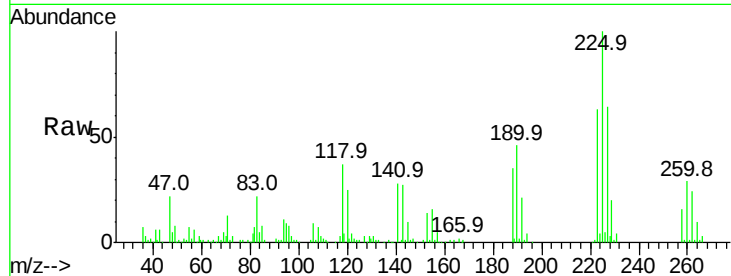
#34
Hexachlorobutadiene
Concen: 34.196 ng
RT: 7.88 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BF097311.D
Acq: 3 Aug 2017 10:35

Instrument :
BNA_F
ClientSampleId :
E2-L6-NSWMS

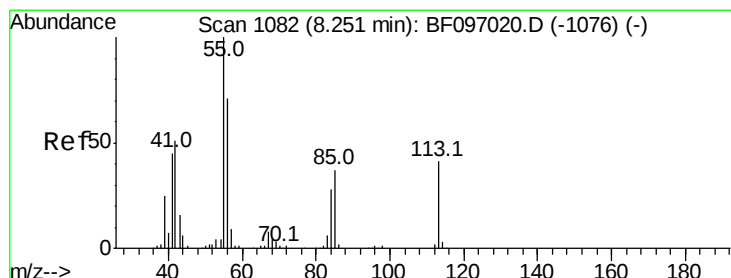
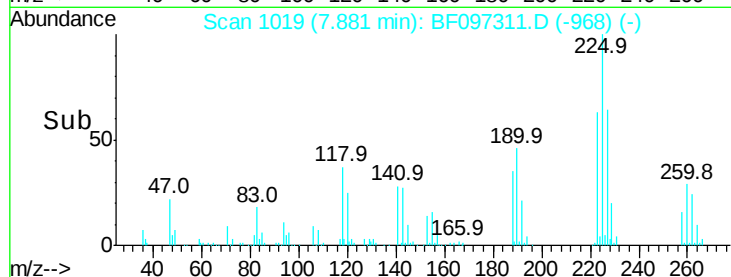
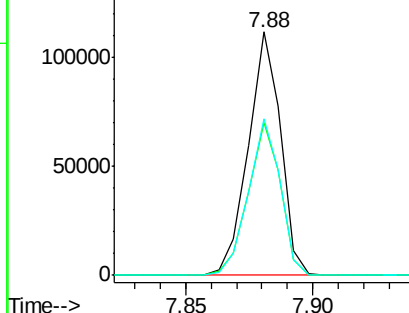
Tot Ion:	225	Resp:	98716
Ion Ratio	Lower	Upper	
225	100		
223	62.6	48.8	73.2
227	64.2	51.1	76.7

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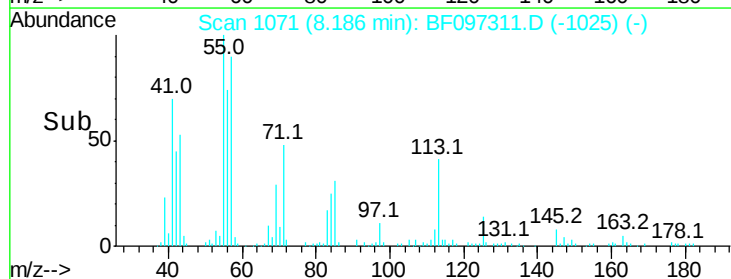
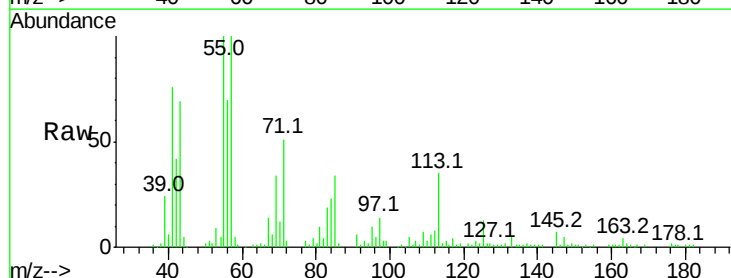
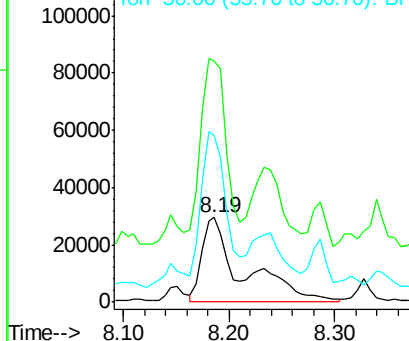
Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

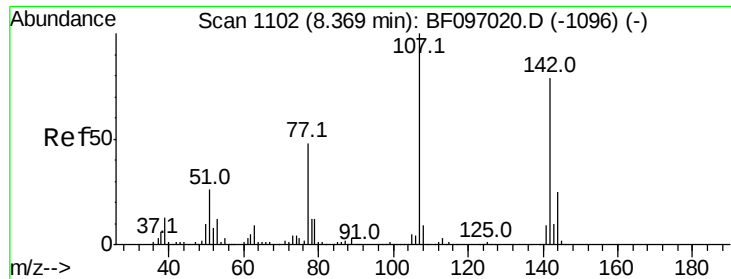


#35
Caprolactam
Concen: 43.727 ng m
RT: 8.19 min Scan# 1071
Delta R.T. -0.03 min
Lab File: BF097311.D
Acq: 3 Aug 2017 10:35

Tgt Ion:	113	Resp:	80100
Ion Ratio	Lower	Upper	
113	100		
55	284.3	150.2	190.2#
56	197.9	107.8	147.8#

Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0





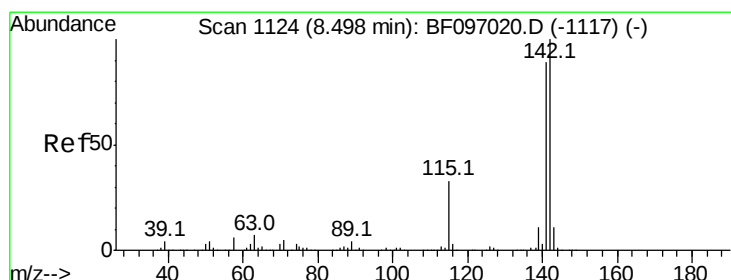
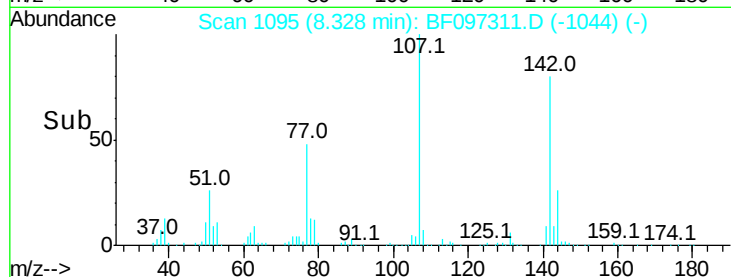
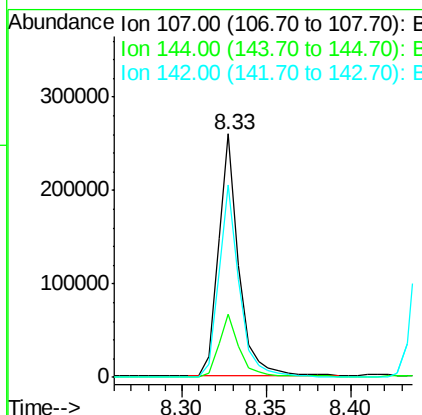
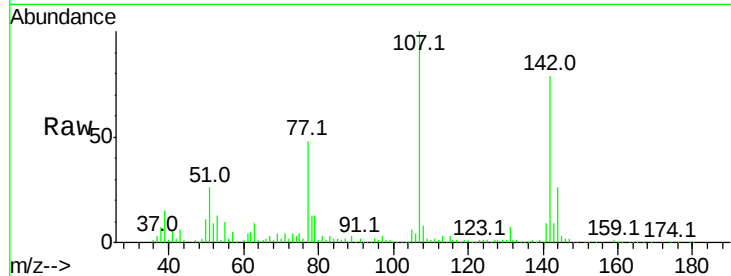
#36
 4-Chloro-3-methylphenol
 Concen: 35.100 ng
 RT: 8.33 min Scan# 1095
 Delta R.T. 0.00 min
 Lab File: BF097311.D
 Acq: 3 Aug 2017 10:35

Instrument :
 BNA_F
 ClientSampleId :
 E2-L6-NSWMS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	218755		
144	26.0		24.2	36.4
142	78.9		73.4	110.0

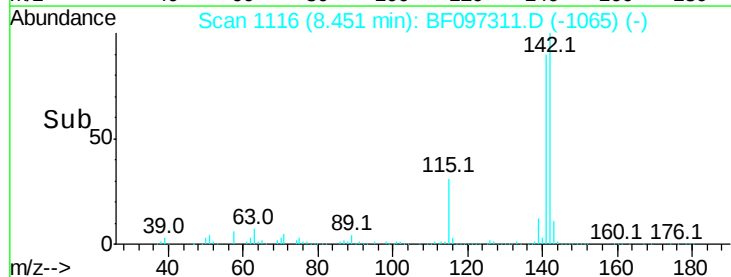
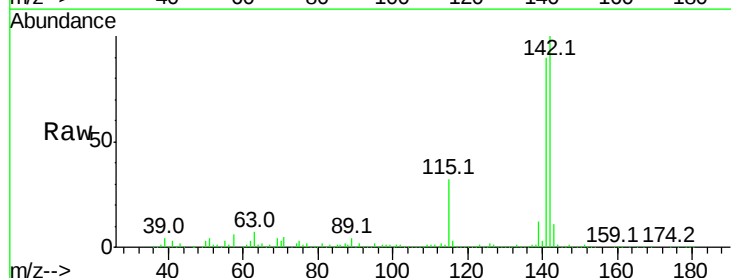
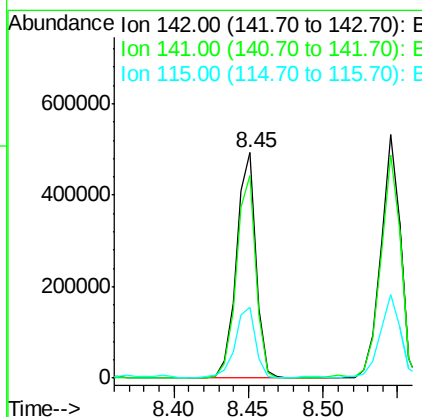
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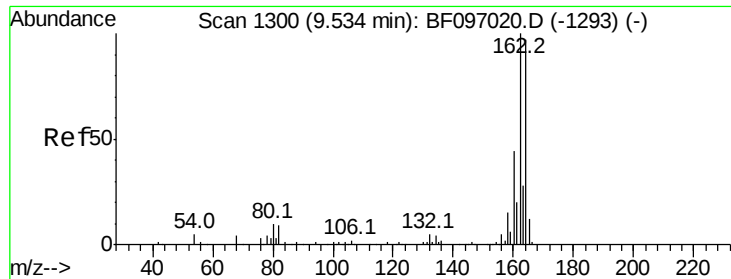
Sohil
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#37
 2-Methylnaphthalene
 Concen: 36.049 ng
 RT: 8.45 min Scan# 1116
 Delta R.T. 0.00 min
 Lab File: BF097311.D
 Acq: 3 Aug 2017 10:35

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	450303		
141	89.9		71.3	106.9
115	31.6		27.1	40.7





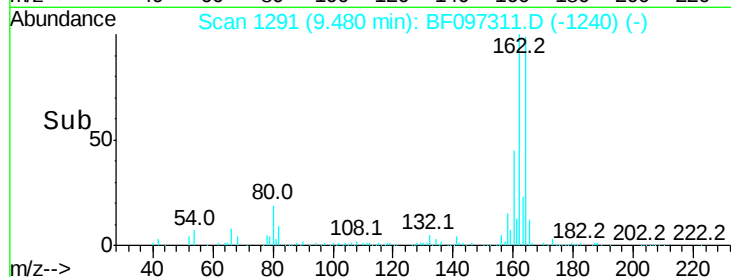
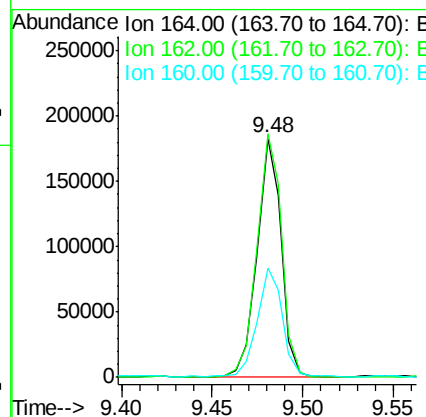
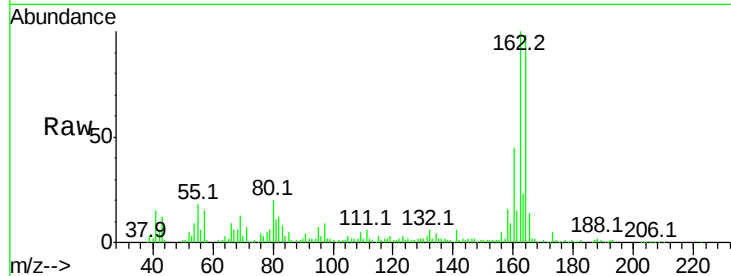
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.48 min Scan# 1291
 Delta R.T. 0.00 min
 Lab File: BF097311.D
 Acq: 3 Aug 2017 10:35

Instrument :
 BNA_F
 ClientSampleId :
 E2-L6-NSWMS

Tot Ion	Ratio	Resp	Lower	Upper
164	100	166214		
162	101.9	82.6	123.8	
160	45.7	36.2	54.2	

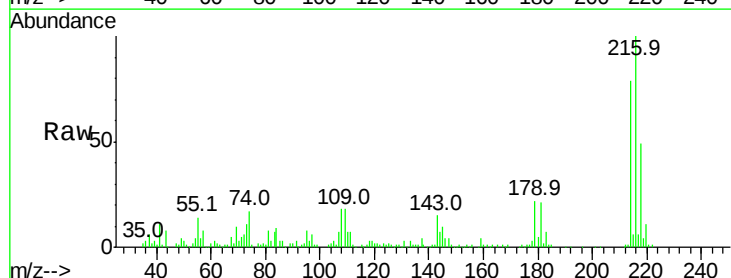
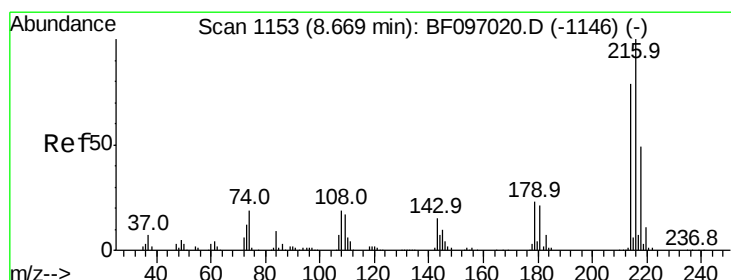
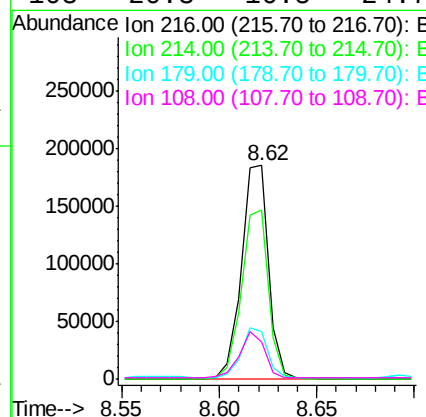
Manual Integrations
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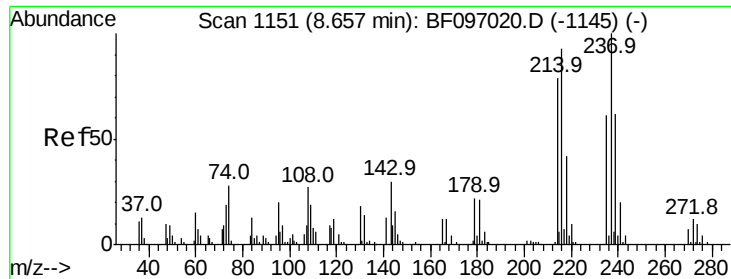
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#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.324 ng
 RT: 8.62 min Scan# 1145
 Delta R.T. 0.00 min
 Lab File: BF097311.D
 Acq: 3 Aug 2017 10:35

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	178838		
214	78.8	63.4	95.2	
179	23.2	17.9	26.9	
108	20.3	16.5	24.7	





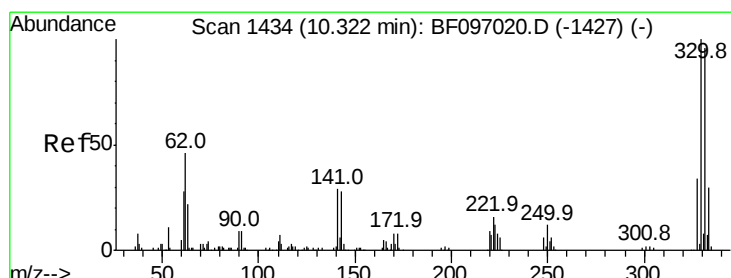
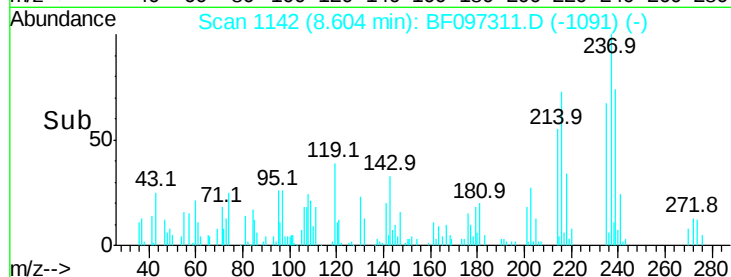
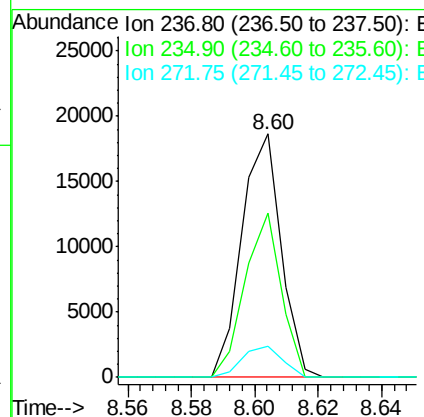
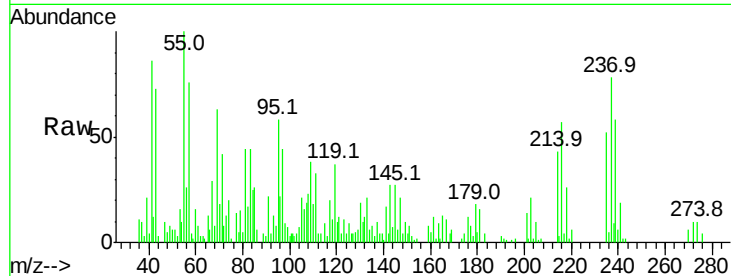
#40
 Hexachlorocyclopentadiene
 Concen: 16.027 ng
 RT: 8.60 min Scan# 1142
 Delta R.T. 0.00 min
 Lab File: BF097311.D
 Acq: 3 Aug 2017 10:35

Instrument :
 BNA_F
 ClientSampleId :
 E2-L6-NSWMS

Tot Ion:	237	Resp:	15947
Ion Ratio	Lower	Upper	
237	100		
235	67.2	42.6	82.6
272	12.9	0.0	31.9

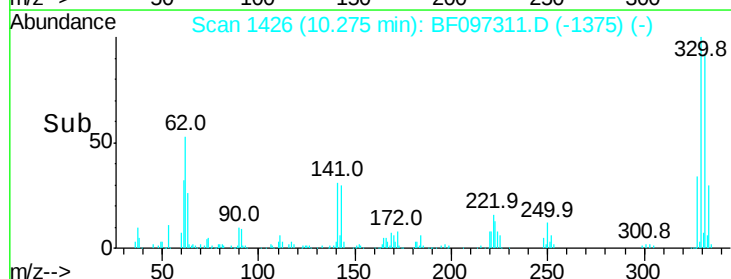
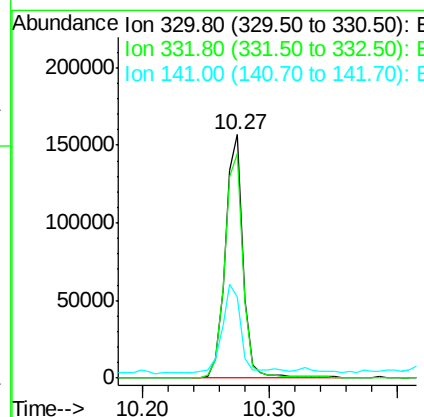
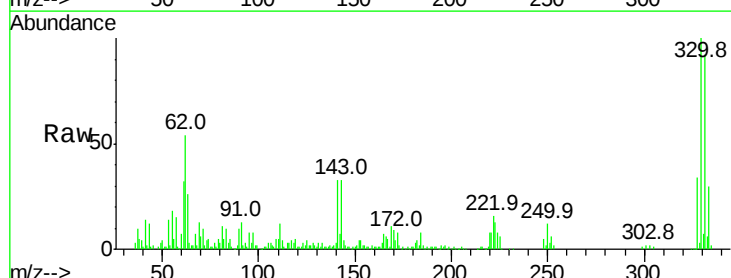
Manual Integrations
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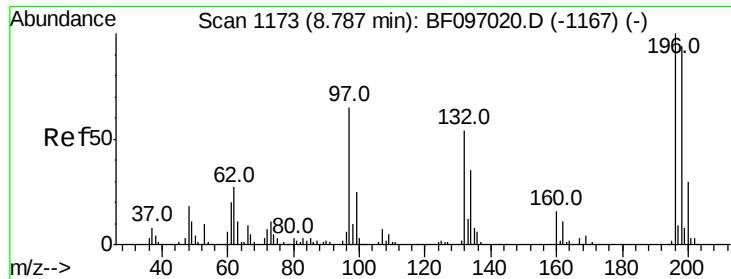
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#41
 2,4,6-Tribromophenol
 Concen: 117.621 ng
 RT: 10.27 min Scan# 1426
 Delta R.T. 0.00 min
 Lab File: BF097311.D
 Acq: 3 Aug 2017 10:35

Tgt Ion:	330	Resp:	154466
Ion Ratio	Lower	Upper	
330	100		
332	95.9	76.6	115.0
141	37.4	31.4	47.2





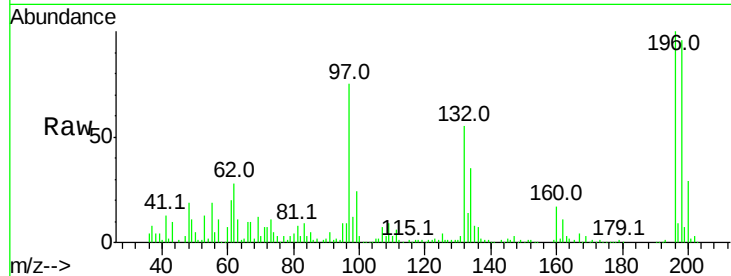
#42
 2,4,6-Trichlorophenol
 Concen: 40.150 ng
 RT: 8.74 min Scan# 1165
 Delta R.T. 0.00 min
 Lab File: BF097311.D
 Acq: 3 Aug 2017 10:35

Instrument :
 BNA_F
 ClientSampleId :
 E2-L6-NSWMS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	129038		
198	96.5	74.2	111.4	
200	29.1	24.0	36.0	

Manual Integrations
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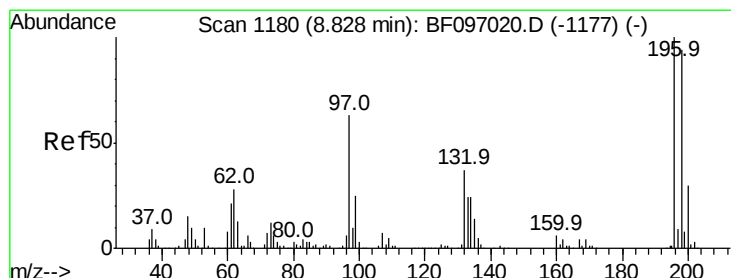
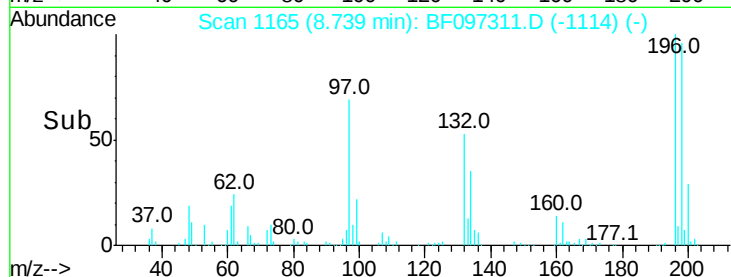
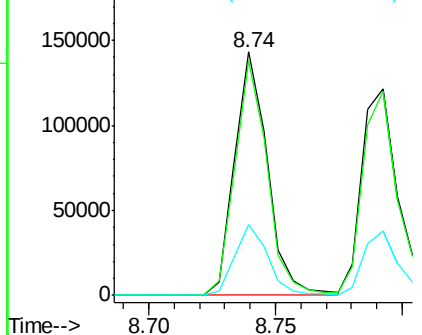


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#43
 2,4,5-Trichlorophenol
 Concen: 40.213 ng
 RT: 8.79 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF097311.D
 Acq: 3 Aug 2017 10:35

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	129362		
198	98.4	75.7	113.5	
97	61.4	47.7	71.5	
132	33.5	28.0	42.0	

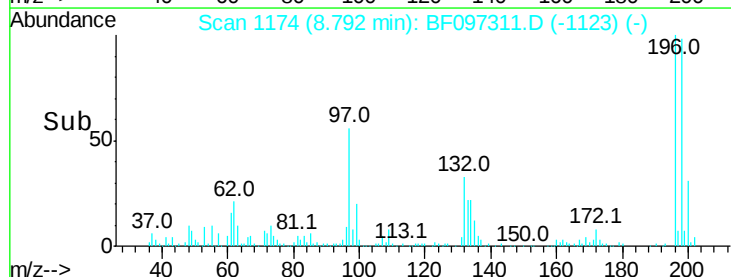
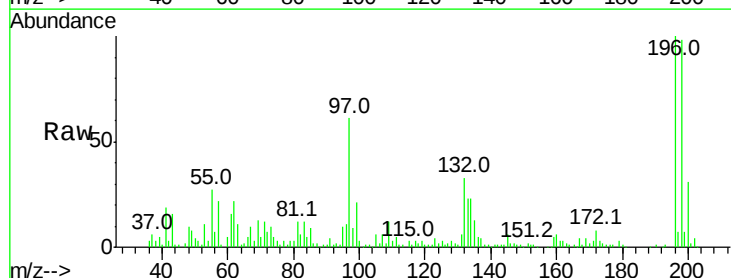
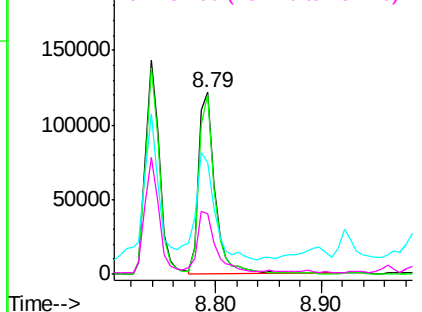
Abundance

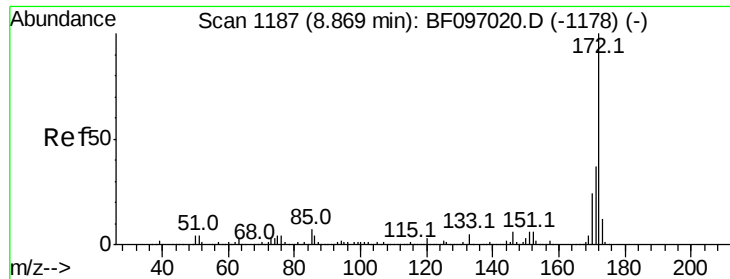
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E





#44

2-Fluorobiphenyl

Concen: 75.500 ng

RT: 8.82 min Scan# 1178

Delta R.T. 0.00 min

Lab File: BF097311.D

Acq: 3 Aug 2017 10:35

Instrument :

BNA_F

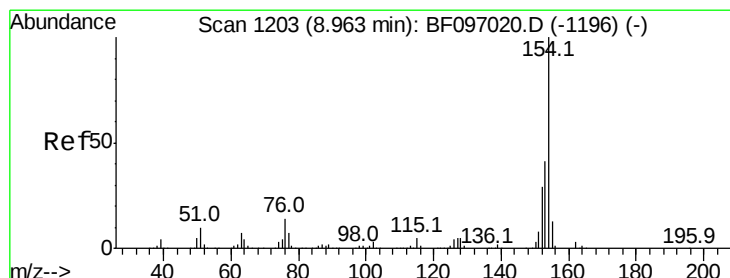
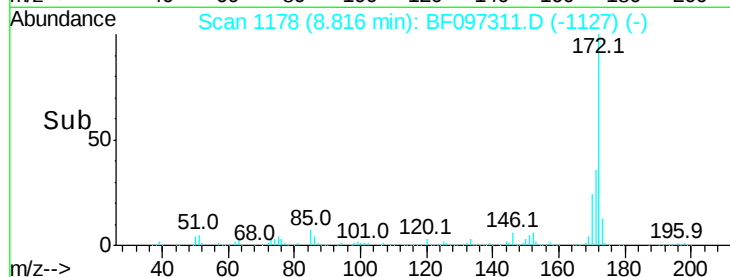
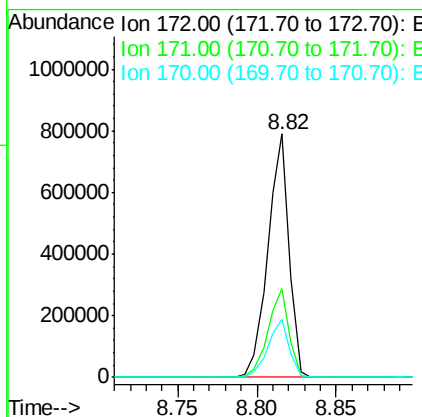
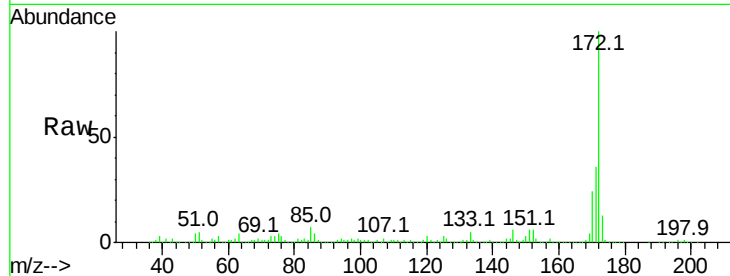
ClientSampled :

E2-L6-NSWMS

Tot Ion:	172	Resp:	739445
Ion Ratio	Lower	Upper	
172	100		
171	36.4	29.6	44.4
170	23.9	19.8	29.8

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#45

1,1'-Biphenyl

Concen: 36.265 ng

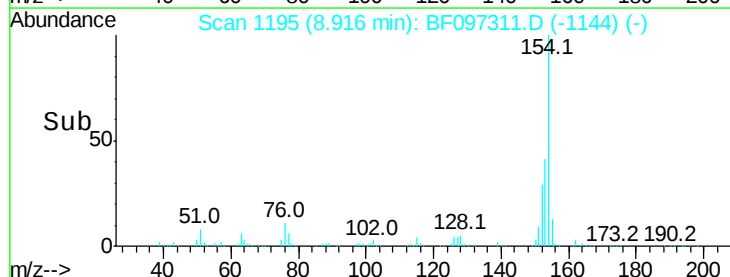
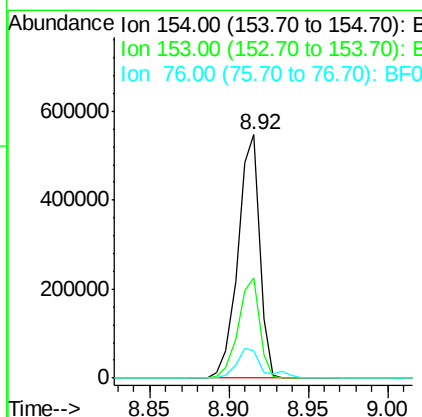
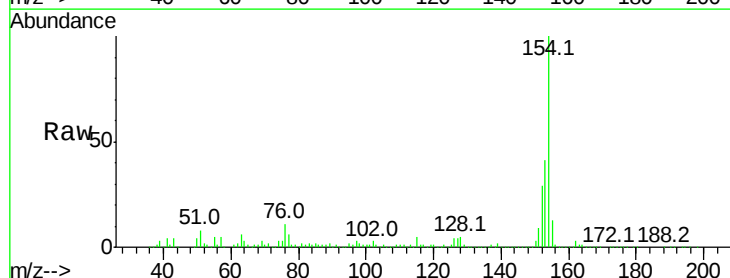
RT: 8.92 min Scan# 1195

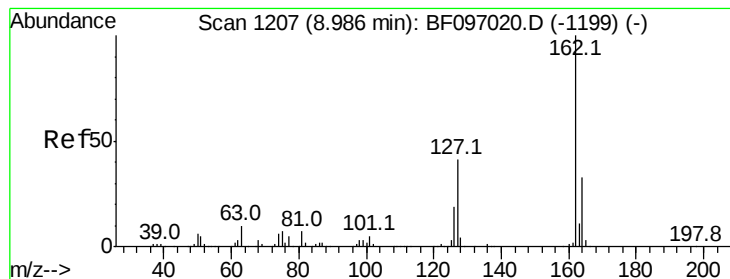
Delta R.T. 0.00 min

Lab File: BF097311.D

Acq: 3 Aug 2017 10:35

Tgt Ion:	154	Resp:	514860
Ion Ratio	Lower	Upper	
154	100		
153	41.3	21.2	61.2
76	11.4	0.0	29.9





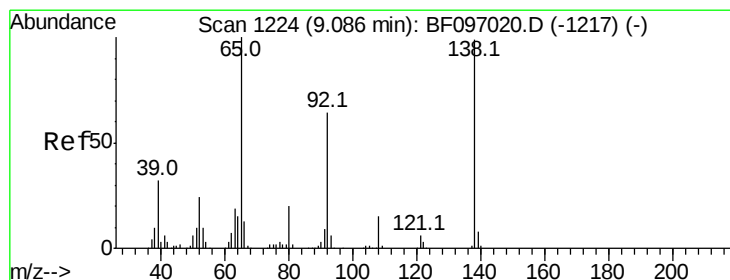
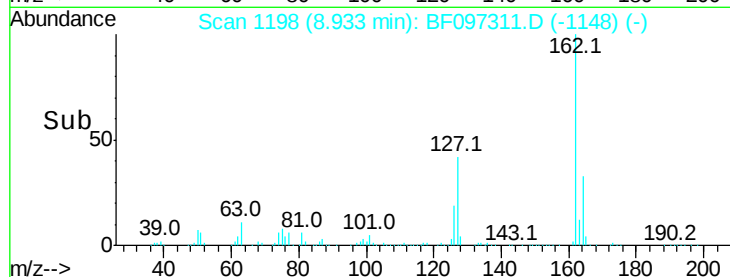
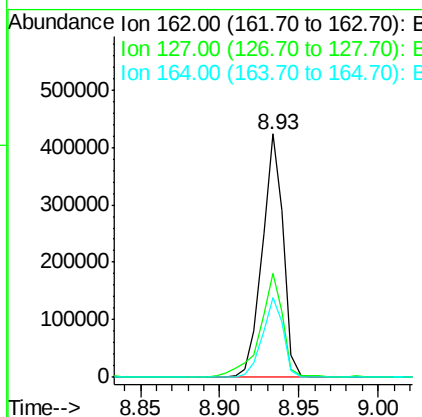
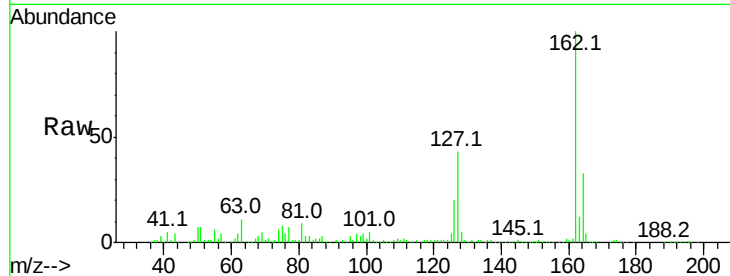
#46
 2-Chloronaphthalene
 Concen: 37.435 ng
 RT: 8.93 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF097311.D
 Acq: 3 Aug 2017 10:35

Instrument :
 BNA_F
 ClientSampleId :
 E2-L6-NSWMS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	42.8	28.3	42.5#	
164	32.7	27.0	40.4	

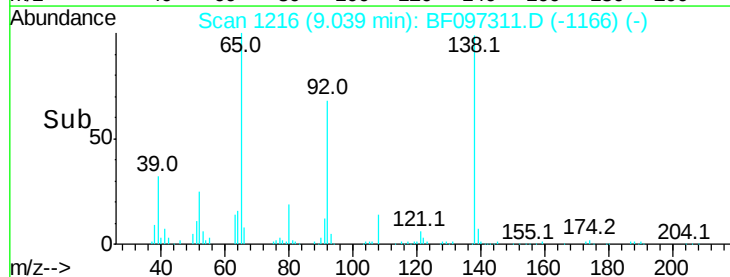
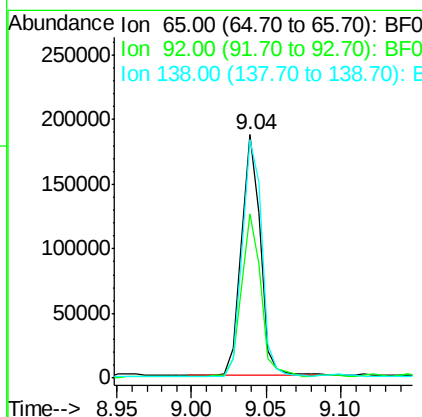
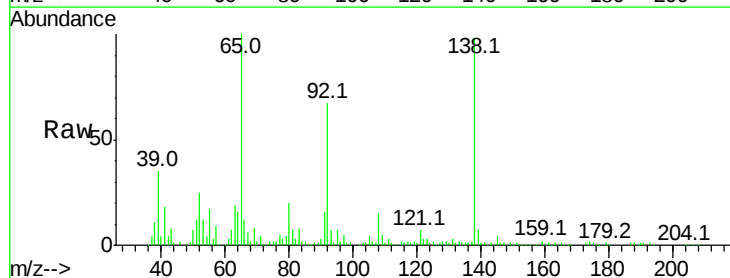
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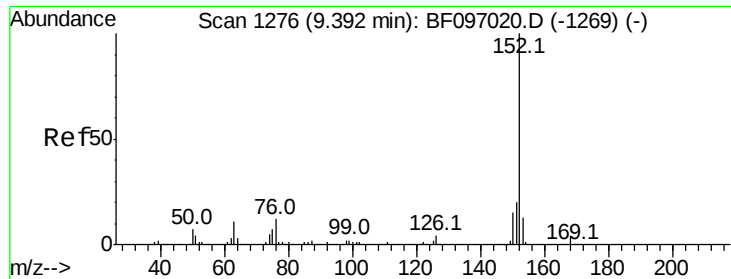
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#47
 2-Nitroaniline
 Concen: 43.667 ng
 RT: 9.04 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF097311.D
 Acq: 3 Aug 2017 10:35

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	67.4	53.9	80.9	
138	97.9	78.8	118.2	





#48

Acenaphthylene

Concen: 34.969 ng

RT: 9.35 min Scan# 1268

Delta R.T. 0.00 min

Lab File: BF097311.D

Acq: 3 Aug 2017 10:35

Instrument :

BNA_F

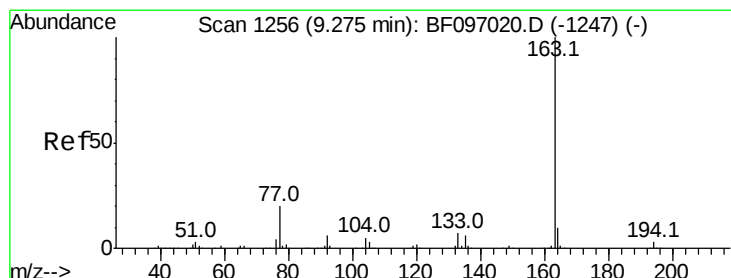
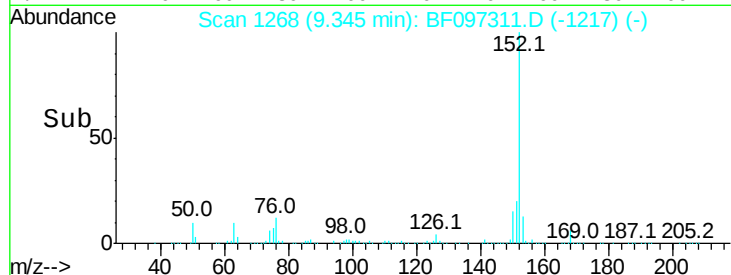
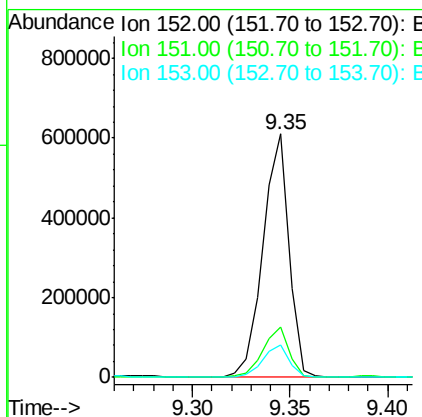
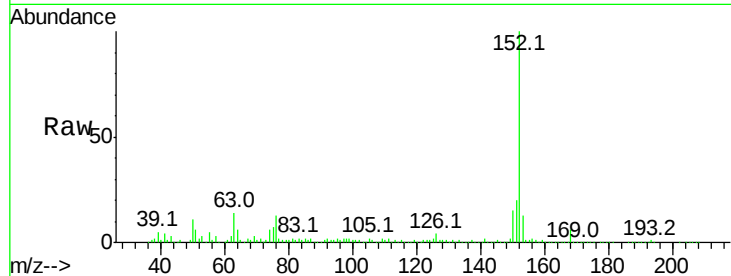
ClientSampleId :

E2-L6-NSWMS

Tot Ion:	152	Resp:	560760
Ion Ratio	Lower	Upper	
152	100		
151	20.5	16.8	25.2
153	13.1	10.8	16.2

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#49

Dimethylphthalate

Concen: 53.706 ng

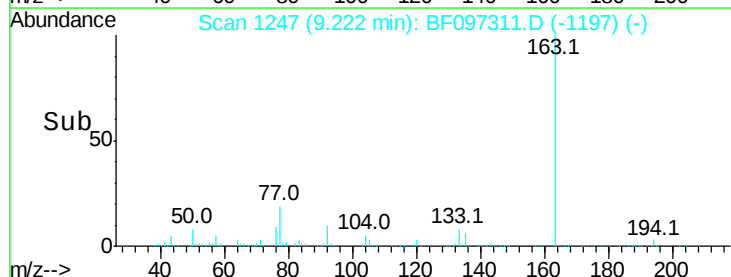
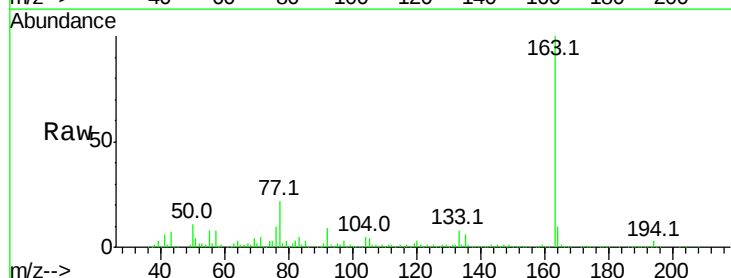
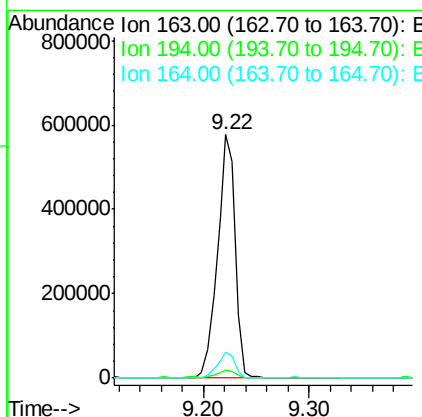
RT: 9.22 min Scan# 1247

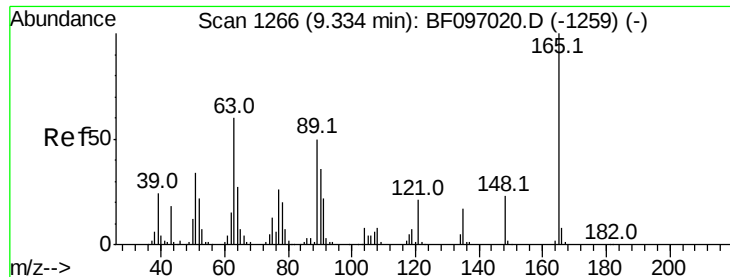
Delta R.T. -0.01 min

Lab File: BF097311.D

Acq: 3 Aug 2017 10:35

Tgt Ion:	163	Resp:	677873
Ion Ratio	Lower	Upper	
163	100		
194	3.2	2.6	4.0
164	10.4	8.4	12.6





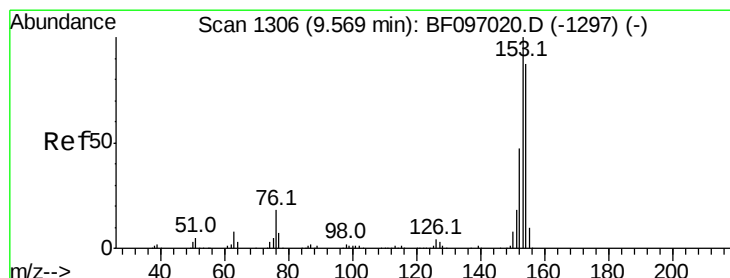
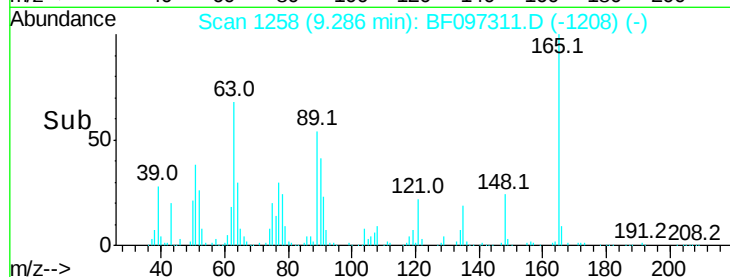
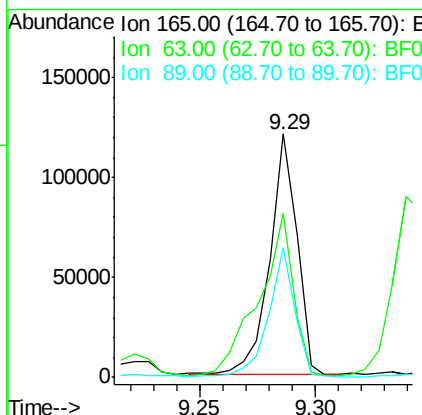
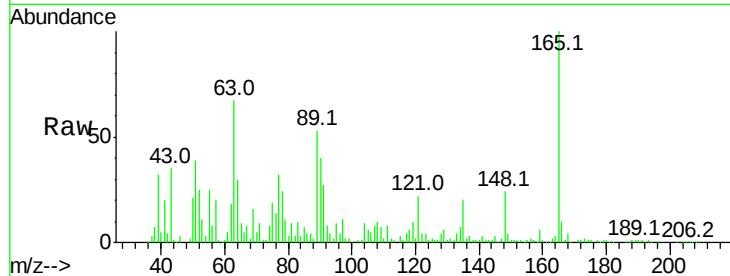
#50
2,6-Dinitrotoluene
Concen: 37.130 ng
RT: 9.29 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BF097311.D
Acq: 3 Aug 2017 10:35

Instrument :
BNA_F
ClientSampleId :
E2-L6-NSWMS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	67.3	34.3	51.5#	
89	53.1	37.1	55.7	

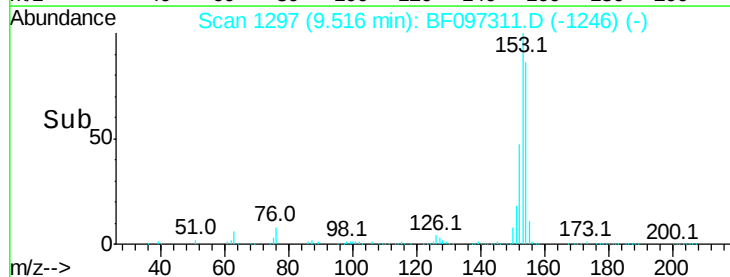
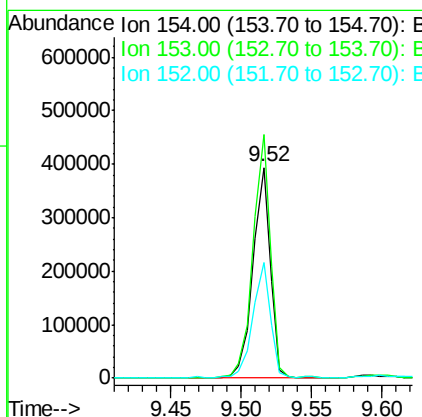
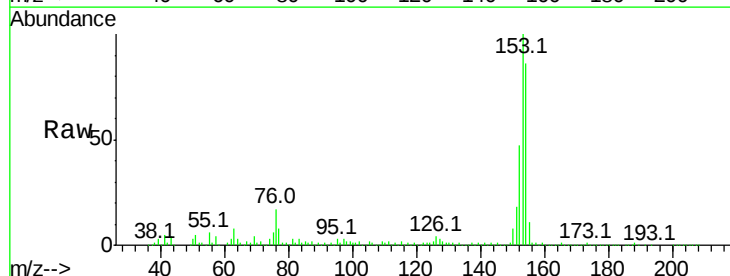
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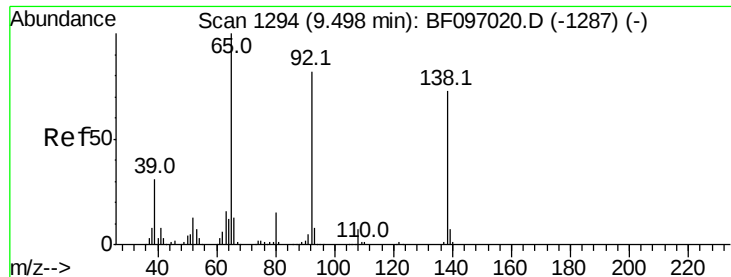
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#51
Acenaphthene
Concen: 36.340 ng
RT: 9.52 min Scan# 1297
Delta R.T. 0.00 min
Lab File: BF097311.D
Acq: 3 Aug 2017 10:35

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	115.8	90.5	135.7	
152	54.9	43.6	65.4	





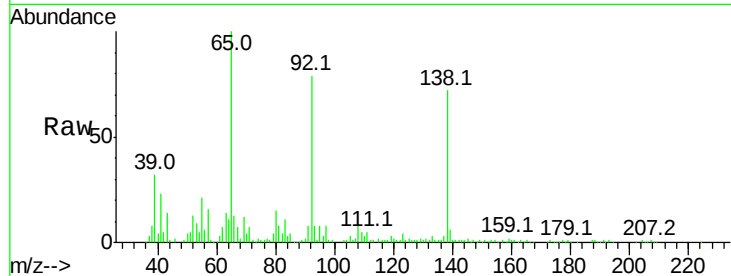
#52
3-Nitroaniline
Concen: 32.528 ng
RT: 9.45 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BF097311.D
Acq: 3 Aug 2017 10:35

Instrument :
BNA_F
ClientSampleId :
E2-L6-NSWMS

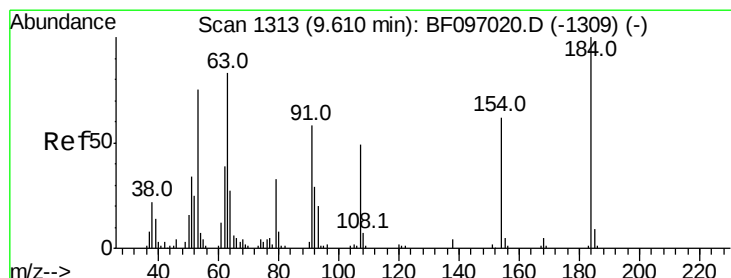
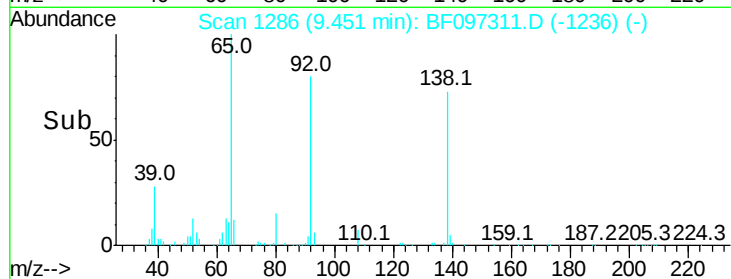
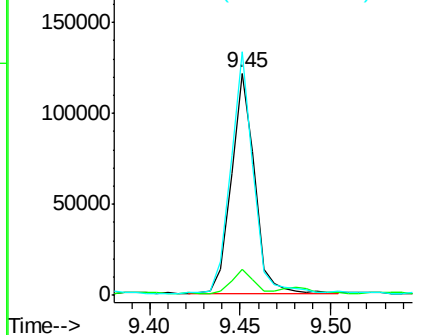
Tot Ion	Ratio	Lower	Upper
138	100		
108	11.5	9.1	13.7
92	109.7	93.8	140.6

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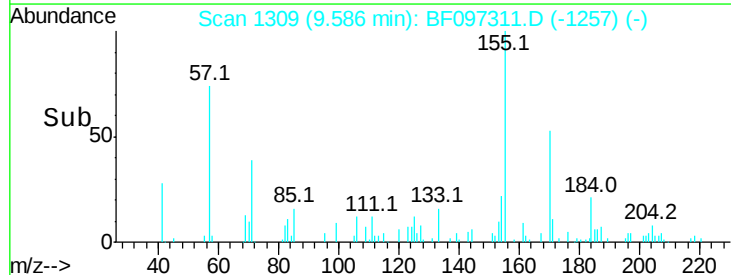
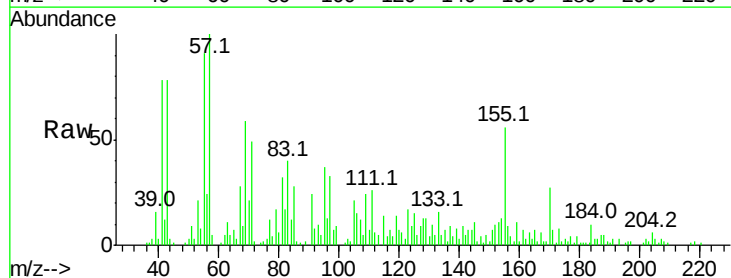
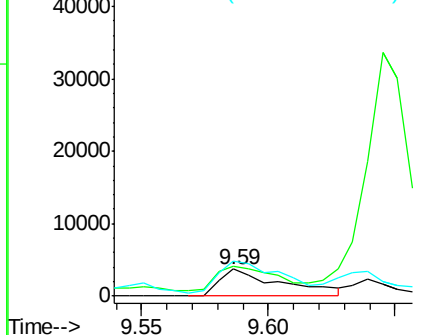
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0

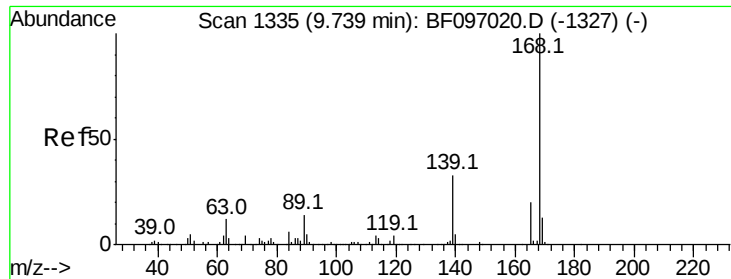


#53
2,4-Dinitrophenol
Concen: 5.221 ng
RT: 9.59 min Scan# 1309
Delta R.T. 0.01 min
Lab File: BF097311.D
Acq: 3 Aug 2017 10:35

Tgt Ion	Ratio	Lower	Upper
184	100		
63	112.1	62.7	94.1#
154	128.9	81.1	121.7#

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





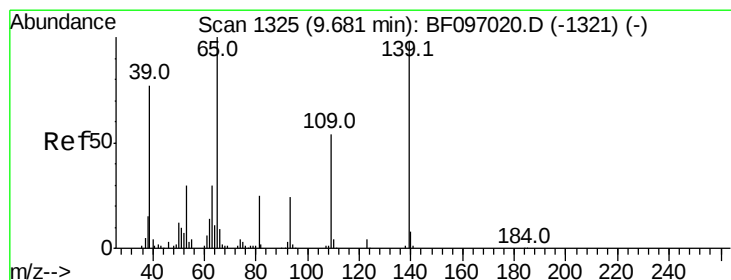
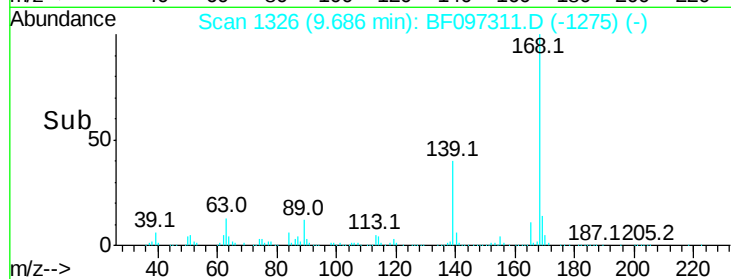
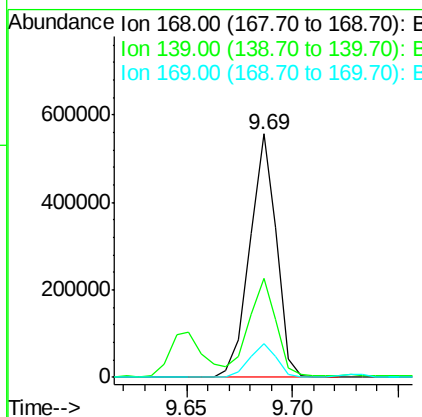
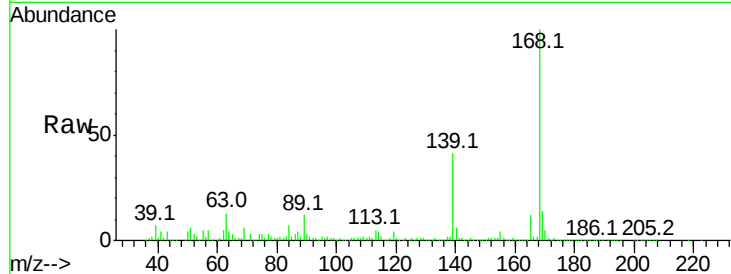
#54
Dibenzenofuran
 Concen: 38.718 ng
 RT: 9.69 min Scan# 1326
 Delta R.T. 0.00 min
 Lab File: BF097311.D
 Acq: 3 Aug 2017 10:35

Instrument :
 BNA_F
 ClientSampleId :
 E2-L6-NSWMS

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.5	30.6	45.8
169	14.1	10.8	16.2

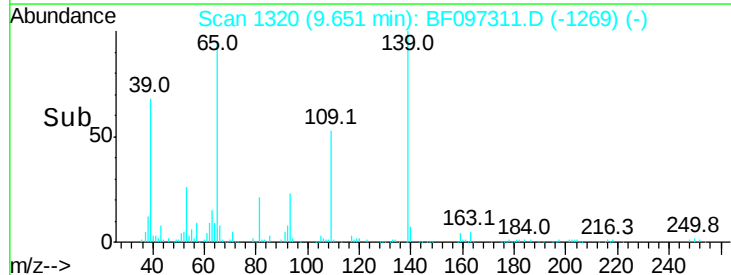
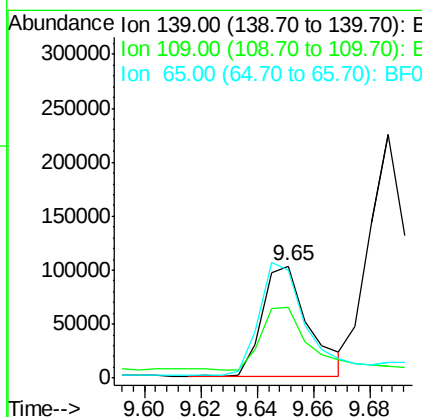
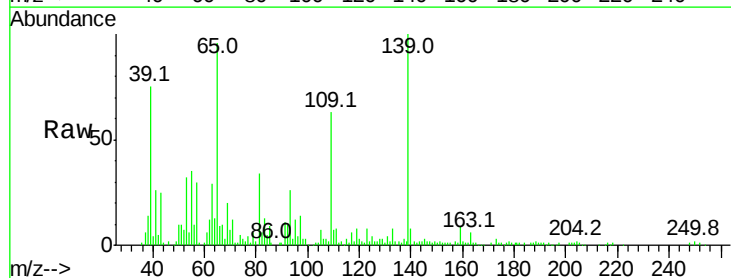
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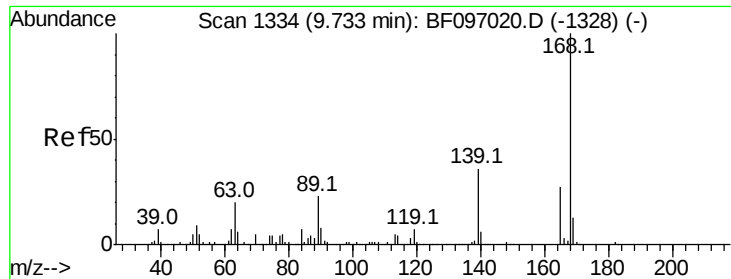
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#55
4-Nitrophenol
 Concen: 59.225 ng
 RT: 9.65 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: BF097311.D
 Acq: 3 Aug 2017 10:35

Tgt Ion	Ratio	Lower	Upper
139	100		
109	62.8	34.1	74.1
65	95.6	31.4	71.4#





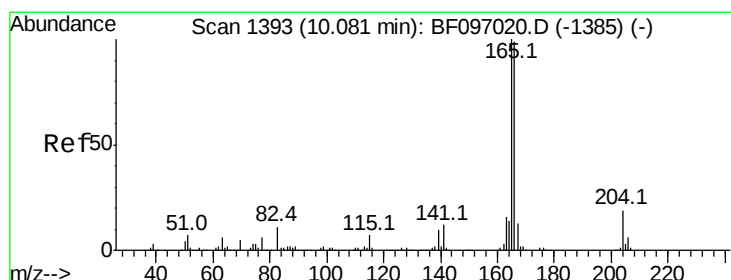
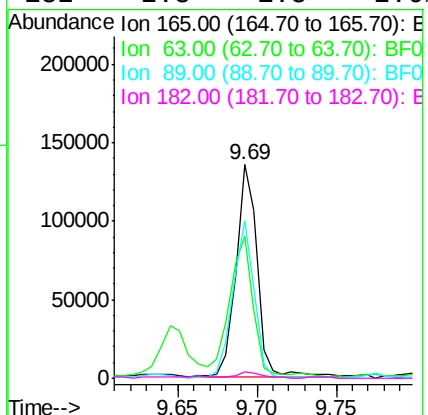
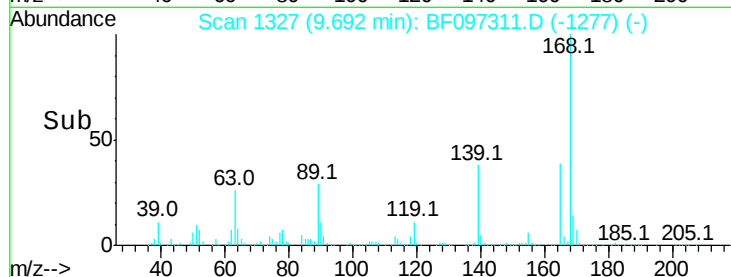
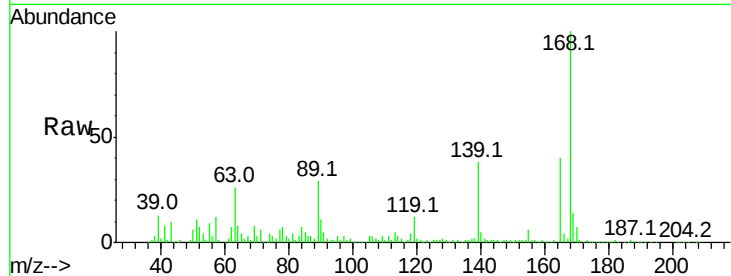
#56
 2,4-Dinitrotoluene
 Concen: 41.030 ng
 RT: 9.69 min Scan# 1327
 Delta R.T. -0.01 min
 Lab File: BF097311.D
 Acq: 3 Aug 2017 10:35

Instrument :
 BNA_F
 ClientSampleId :
 E2-L6-NSWMS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	66.3	25.4	38.0#	
89	74.0	46.4	69.6#	
182	2.8	1.8	2.6#	

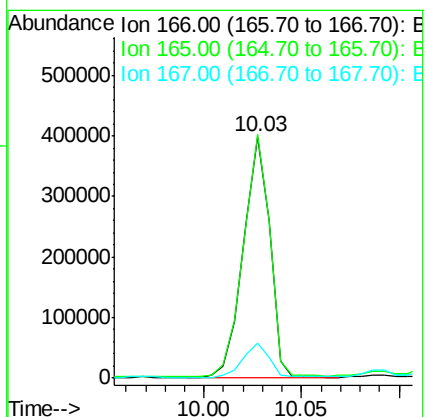
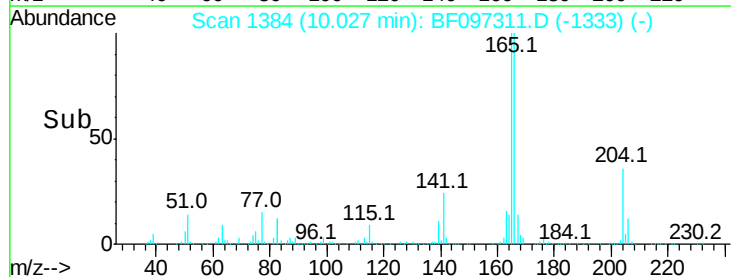
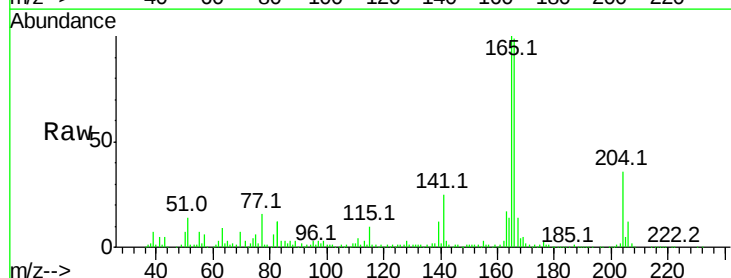
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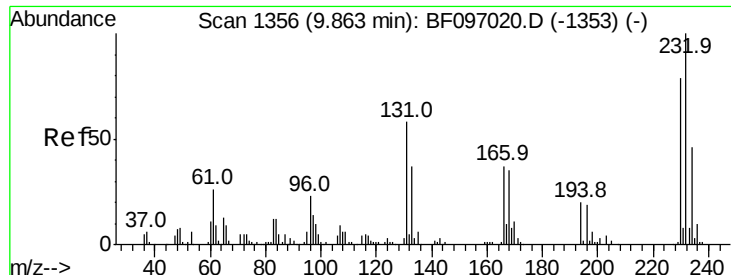
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#57
 Fluorene
 Concen: 39.439 ng
 RT: 10.03 min Scan# 1384
 Delta R.T. 0.00 min
 Lab File: BF097311.D
 Acq: 3 Aug 2017 10:35

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	100.9	78.8	118.2	
167	14.3	10.6	16.0	





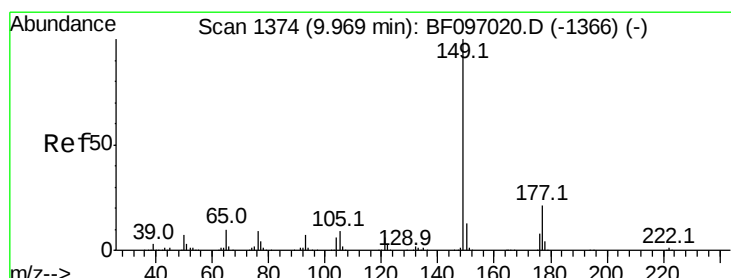
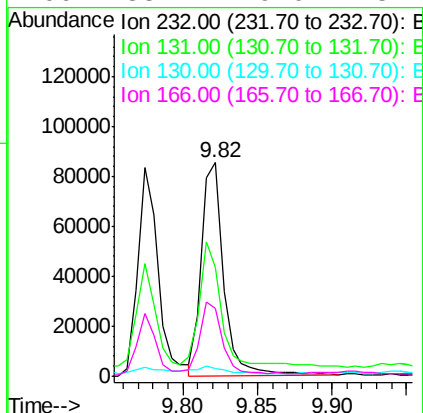
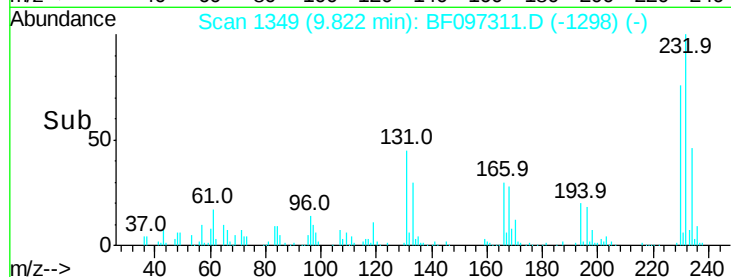
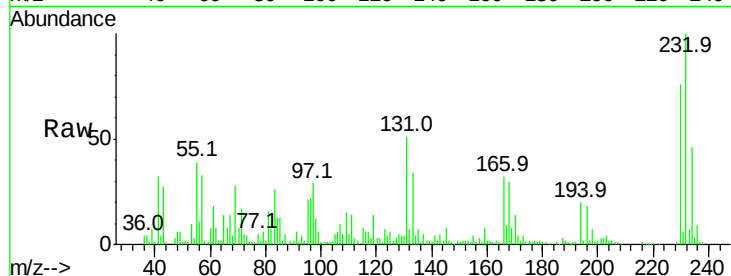
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 39.478 ng
 RT: 9.82 min Scan# 1349
 Delta R.T. 0.00 min
 Lab File: BF097311.D
 Acq: 3 Aug 2017 10:35

Instrument :
 BNA_F
 ClientSampleId :
 E2-L6-NSWMS

Tot Ion	Ratio	Lower	Upper
232	100		
131	51.1	44.8	67.2
130	4.6	2.3	3.5
166	33.7	29.0	43.4

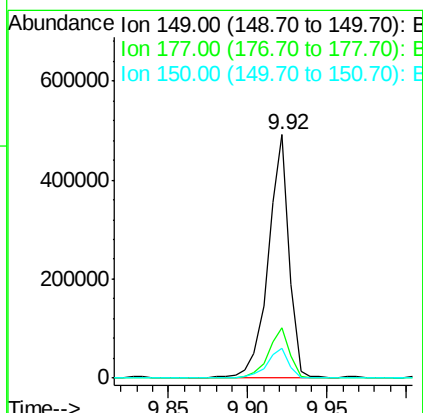
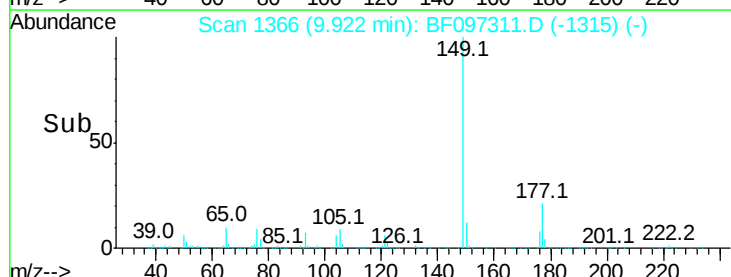
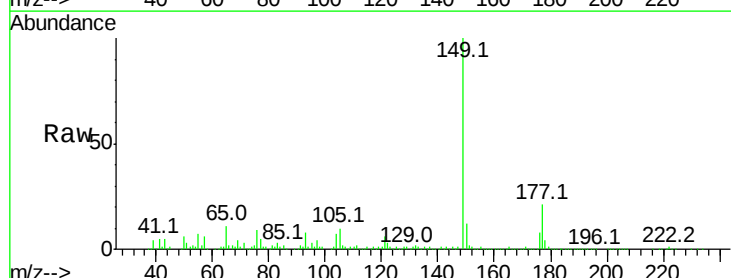
Manual Integrations
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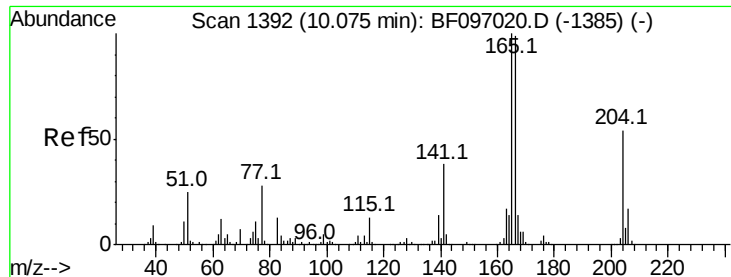
Sohil
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#59
 Diethylphthalate
 Concen: 38.301 ng
 RT: 9.92 min Scan# 1366
 Delta R.T. 0.00 min
 Lab File: BF097311.D
 Acq: 3 Aug 2017 10:35

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.9	16.7	25.1
150	12.3	10.2	15.2





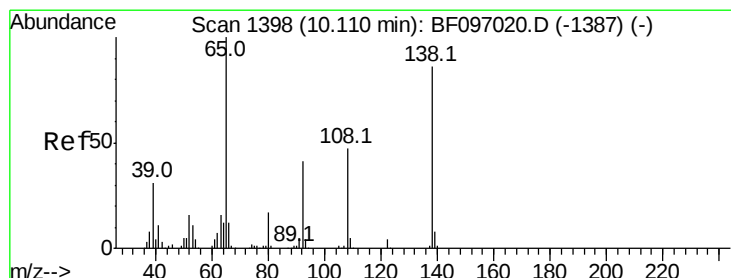
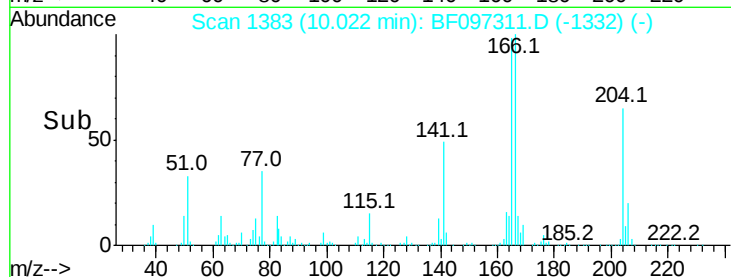
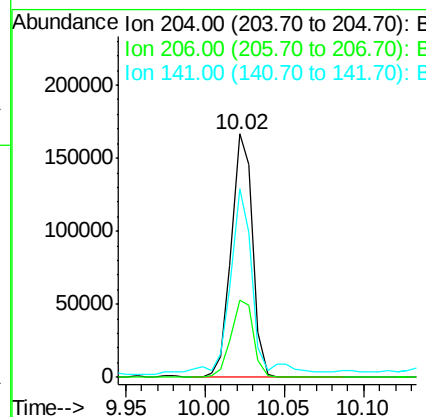
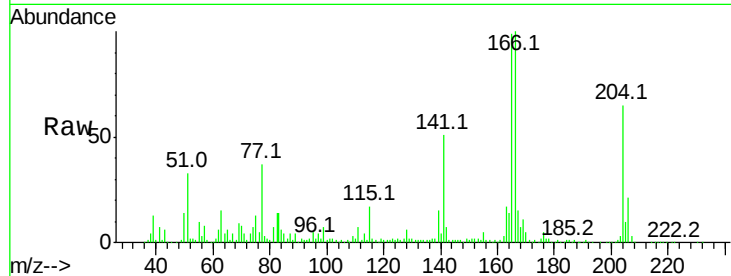
#60
4-Chlorophenyl-phenylether
Concen: 39.894 ng
RT: 10.02 min Scan# 1383
Delta R.T. 0.00 min
Lab File: BF097311.D
Acq: 3 Aug 2017 10:35

Instrument :
BNA_F
ClientSampled :
E2-L6-NSWMS

Tot Ion	Ratio	Lower	Upper
204	100		
206	31.5	26.2	39.2
141	77.6	60.8	91.2

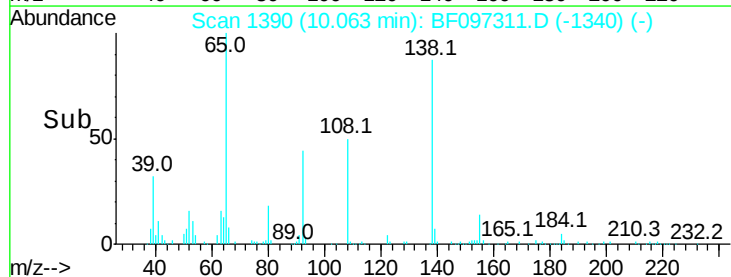
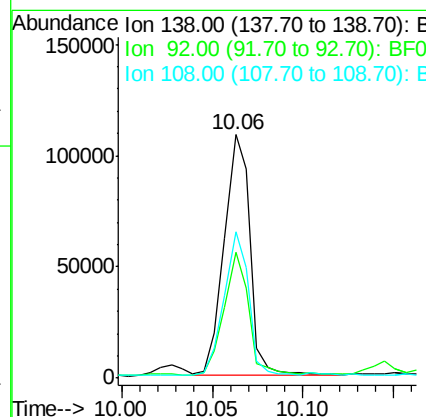
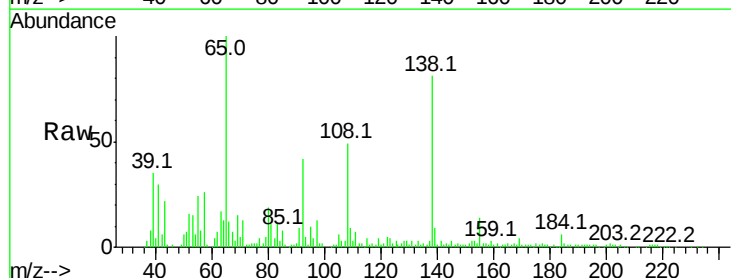
Manual Integrations
APPROVED

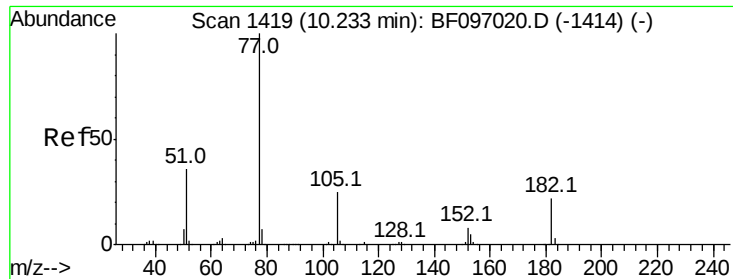
Sohil
8/3/2017 6:08:38 PM



#61
4-Nitroaniline
Concen: 33.926 ng
RT: 10.06 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BF097311.D
Acq: 3 Aug 2017 10:35

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.7	21.8	61.8
108	60.0	42.3	82.3





#62

Azobenzene

Concen: 42.920 ng

RT: 10.19 min Scan# 1411

Delta R.T. 0.00 min

Lab File: BF097311.D

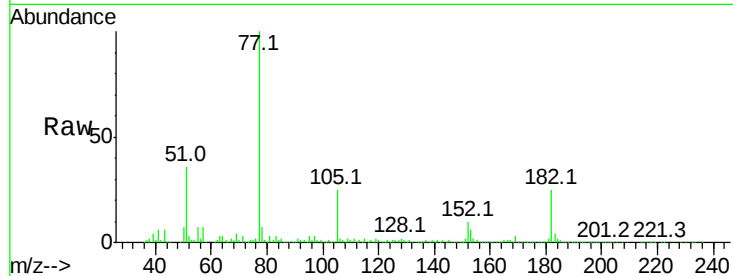
Acq: 3 Aug 2017 10:35

Instrument :

BNA_F

ClientSampleId :

E2-L6-NSWMS



Tot Ion: 77 Resp: 461068

Ion Ratio Lower Upper

77 100

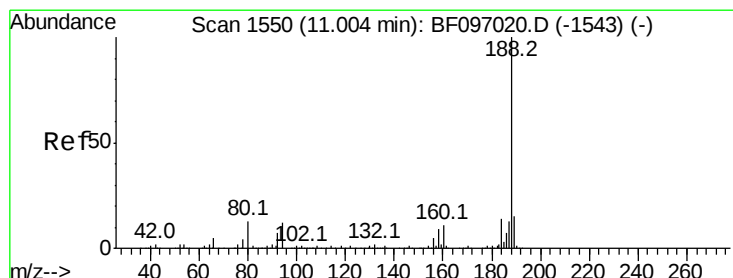
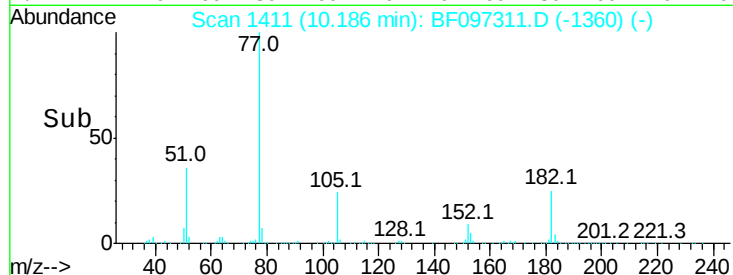
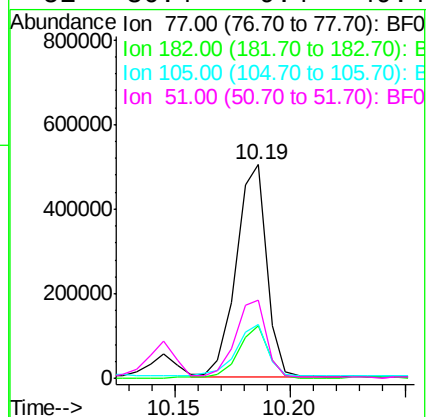
182 24.7 0.1 40.1

105 25.2 3.6 43.6

51 36.4 9.4 49.4

Manual Integrations
APPROVED

Sohil
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#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 10.96 min Scan# 1542

Delta R.T. 0.00 min

Lab File: BF097311.D

Acq: 3 Aug 2017 10:35

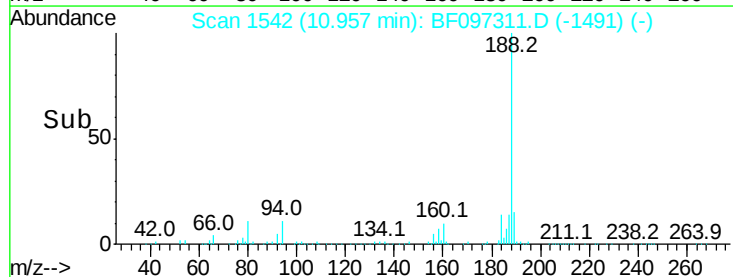
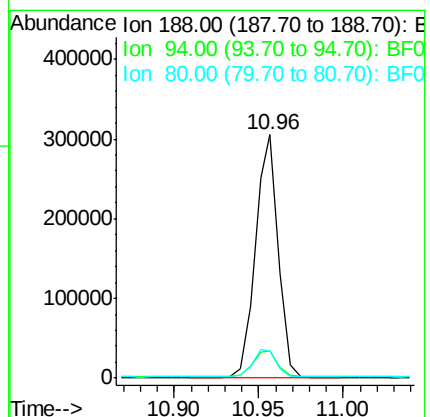
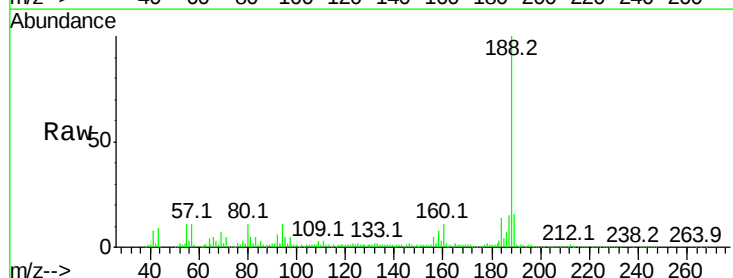
Tgt Ion: 188 Resp: 286983

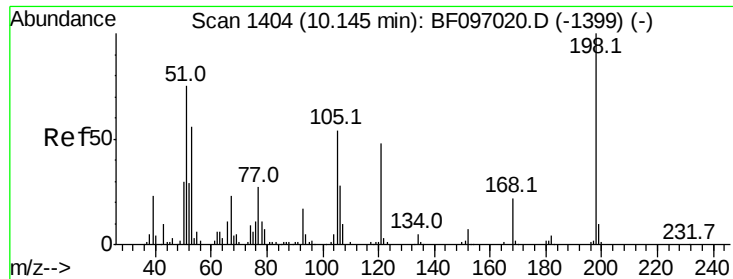
Ion Ratio Lower Upper

188 100

94 11.4 9.4 14.2

80 11.3 10.2 15.2





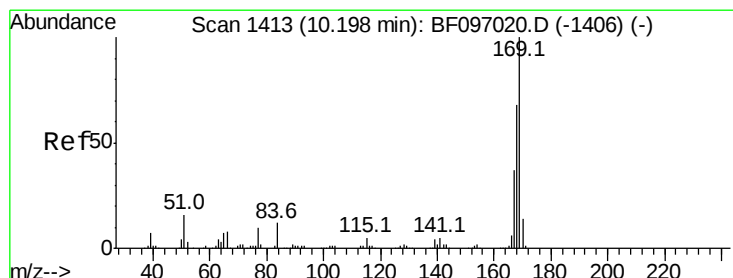
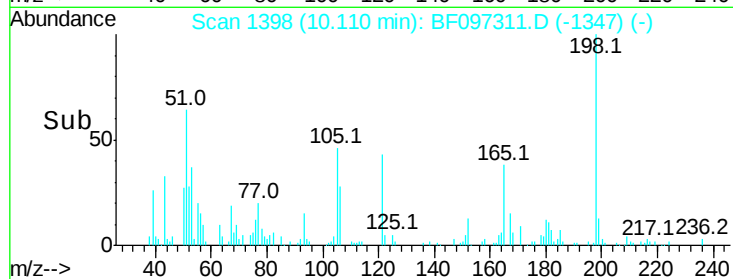
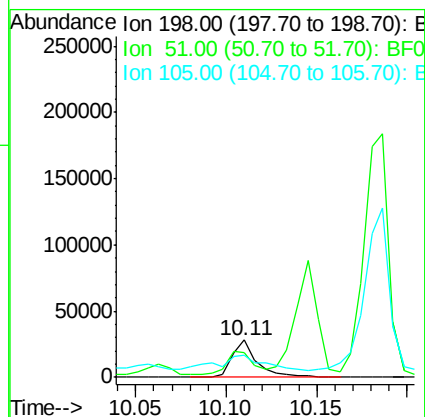
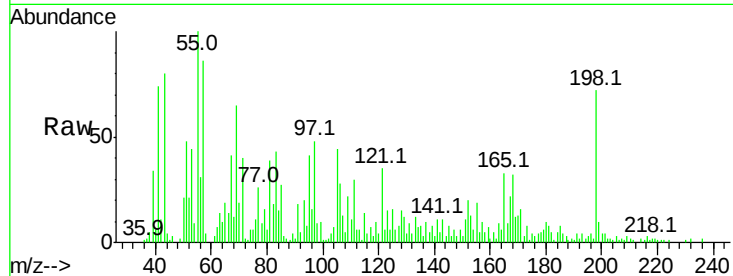
#64
4,6-Dinitro-2-methylphenol
Concen: 15.410 ng
RT: 10.11 min Scan# 1398
Delta R.T. 0.00 min
Lab File: BF097311.D
Acq: 3 Aug 2017 10:35

Instrument :
BNA_F
ClientSampleId :
E2-L6-NSWMS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	27480		
51	67.3		53.2	93.2
105	60.9		45.8	85.8

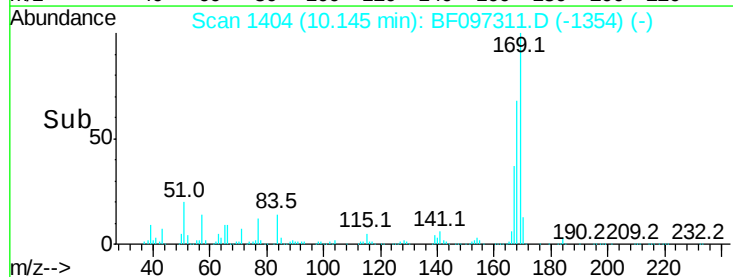
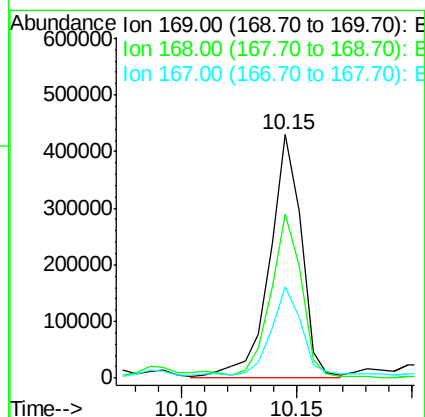
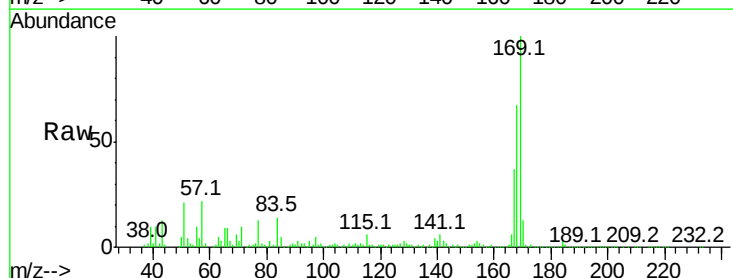
Manual Integrations
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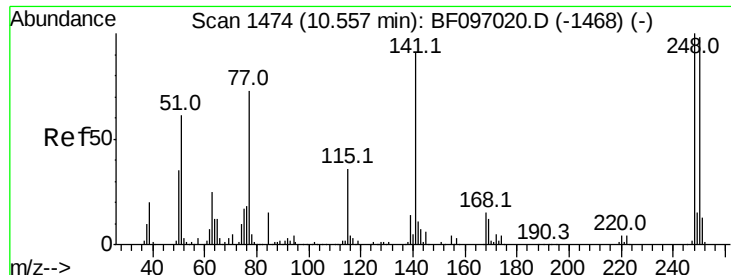
Sohil
8/3/2017 6:08:38 PM



#65
n-Nitrosodiphenylamine
Concen: 40.803 ng
RT: 10.15 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BF097311.D
Acq: 3 Aug 2017 10:35

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	407429		
168	67.4		53.2	79.8
167	37.2		29.5	44.3





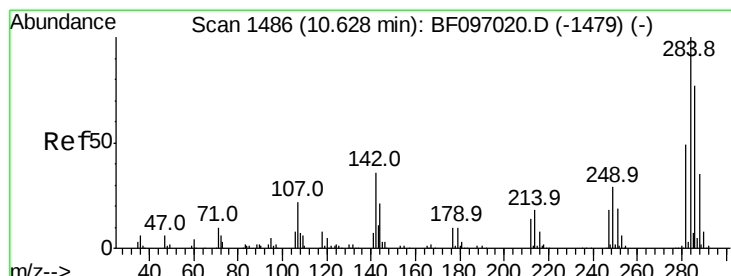
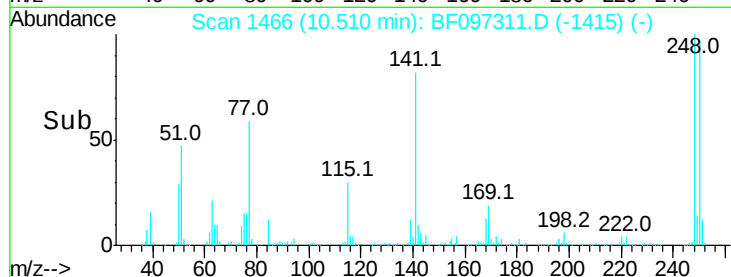
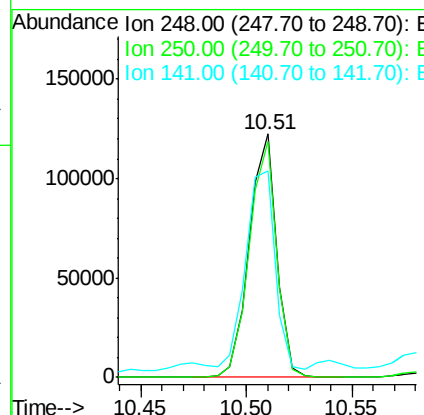
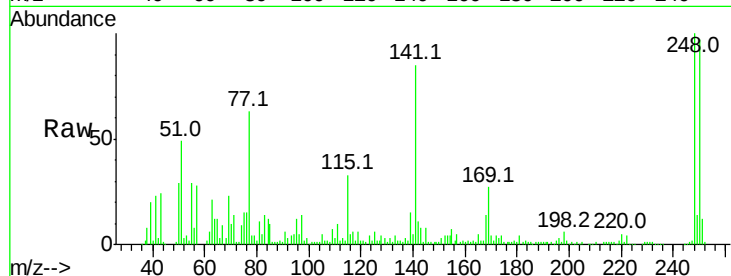
#66
4-Bromophenyl-phenylether
Concen: 38.379 ng
RT: 10.51 min Scan# 1466
Delta R.T. 0.00 min
Lab File: BF097311.D
Acq: 3 Aug 2017 10:35

Instrument :
BNA_F
ClientSampleId :
E2-L6-NSWMS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.0	76.8	115.2
141	85.0	68.6	103.0

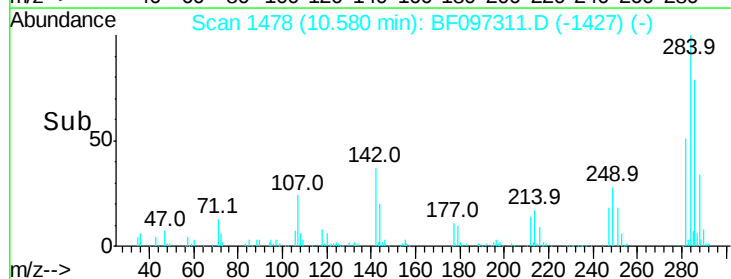
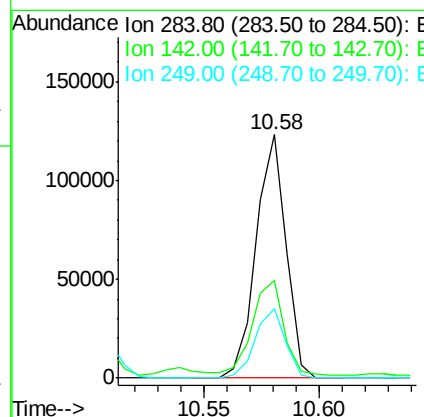
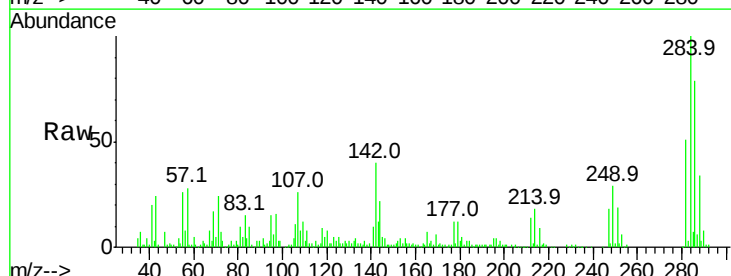
Manual Integrations
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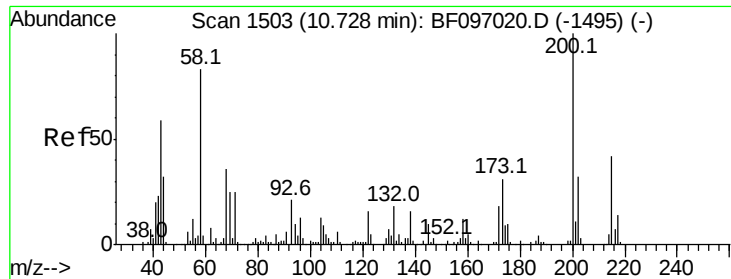
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#67
Hexachlorobenzene
Concen: 34.704 ng
RT: 10.58 min Scan# 1478
Delta R.T. 0.00 min
Lab File: BF097311.D
Acq: 3 Aug 2017 10:35

Tgt Ion	Ratio	Lower	Upper
284	100		
142	40.2	22.8	34.2#
249	28.6	24.0	36.0





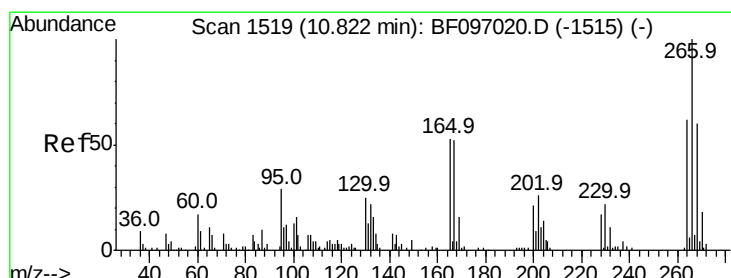
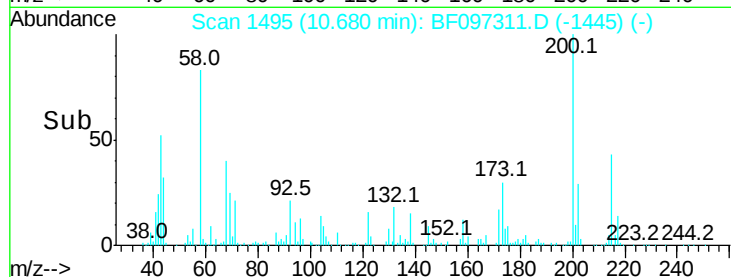
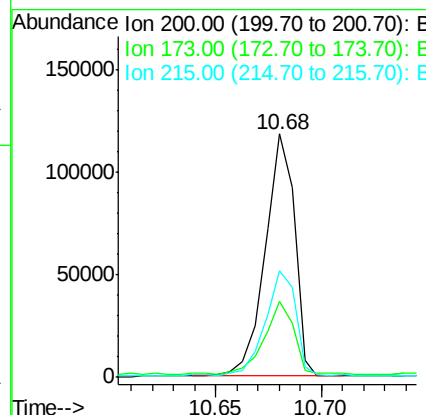
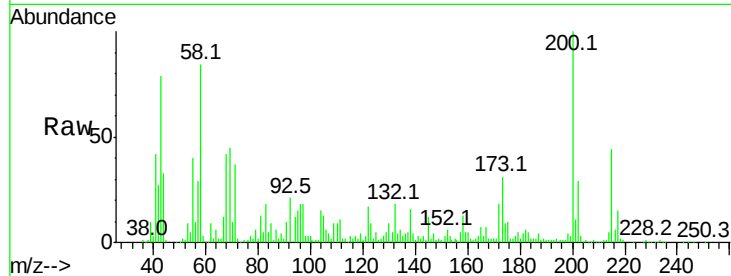
#68
Atrazine
Concen: 40.239 ng
RT: 10.68 min Scan# 1495
Delta R.T. -0.01 min
Lab File: BF097311.D
Acq: 3 Aug 2017 10:35

Instrument :
BNA_F
ClientSampleId :
E2-L6-NSWMS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	31.2	6.3	46.3
215	43.8	27.2	67.2

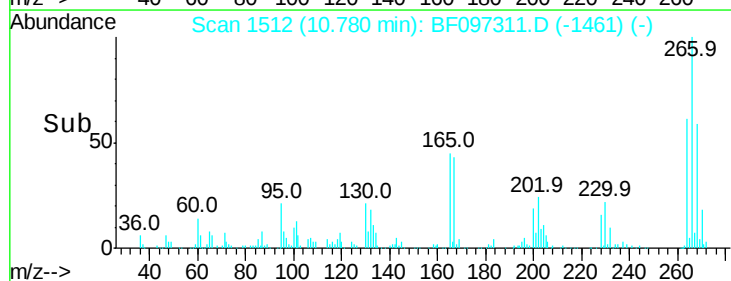
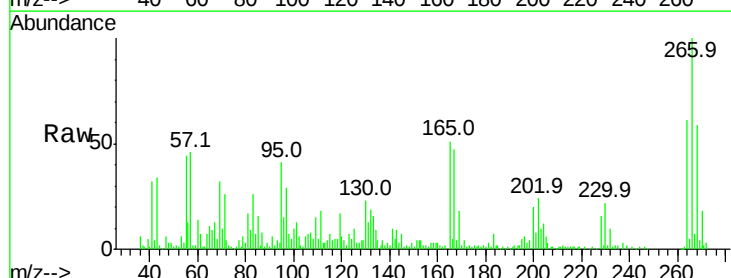
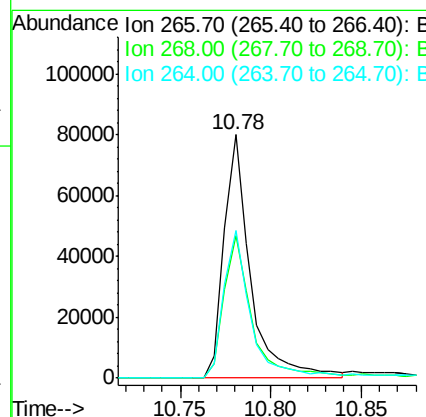
Manual Integrations
APPROVED

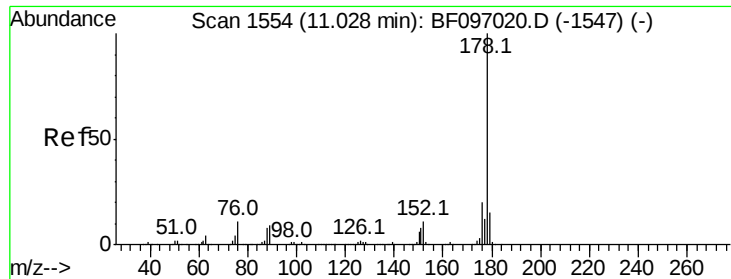
Sohil
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#69
Pentachlorophenol
Concen: 61.678 ng
RT: 10.78 min Scan# 1512
Delta R.T. 0.00 min
Lab File: BF097311.D
Acq: 3 Aug 2017 10:35

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	58.6	51.1	76.7
264	60.8	51.7	77.5





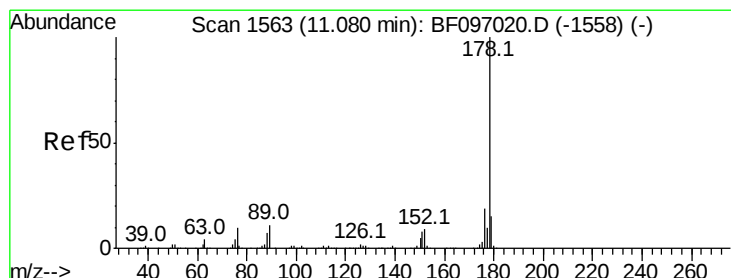
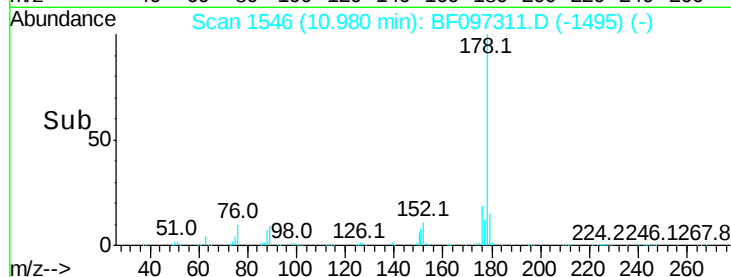
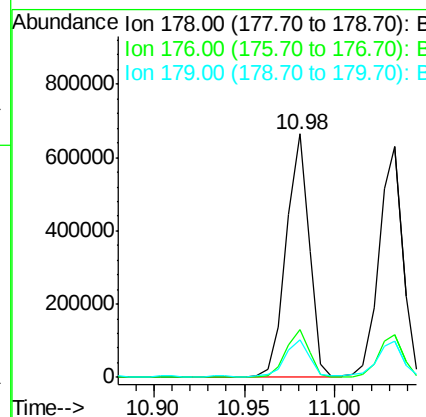
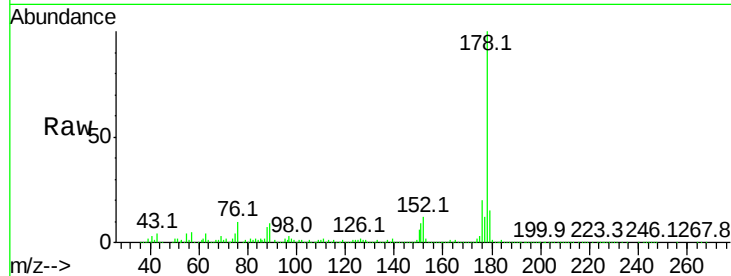
#70
Phenanthrene
Concen: 38.047 ng
RT: 10.98 min Scan# 1546
Delta R.T. 0.00 min
Lab File: BF097311.D
Acq: 3 Aug 2017 10:35

Instrument :
BNA_F
ClientSampleId :
E2-L6-NSWMS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.2	24.4
179	15.5	12.6	19.0

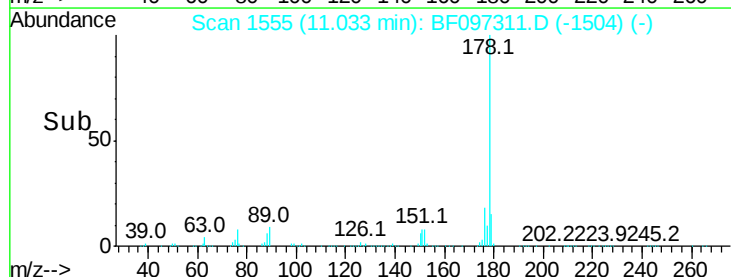
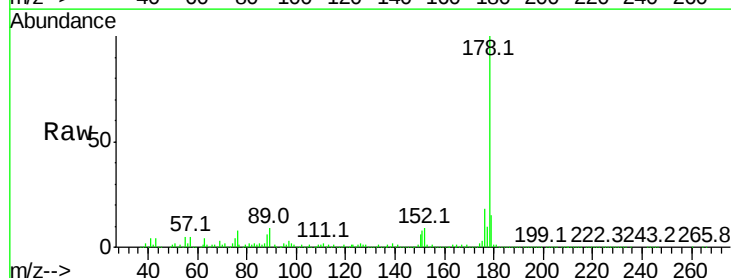
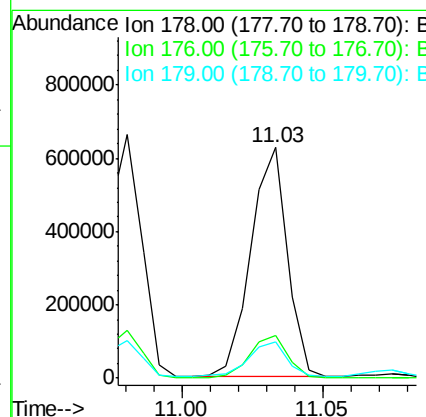
Manual Integrations
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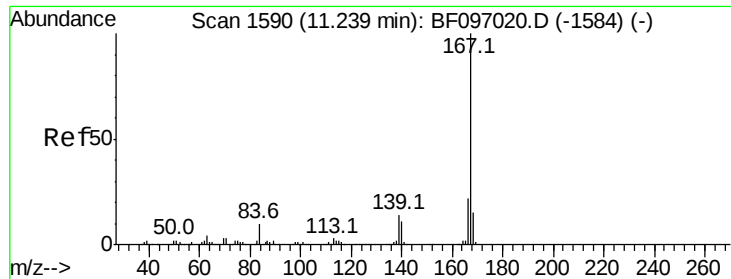
Sohil
8/3/2017 6:08:38 PM



#71
Anthracene
Concen: 35.630 ng
RT: 11.03 min Scan# 1555
Delta R.T. 0.00 min
Lab File: BF097311.D
Acq: 3 Aug 2017 10:35

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.8	23.8
179	15.4	12.7	19.1





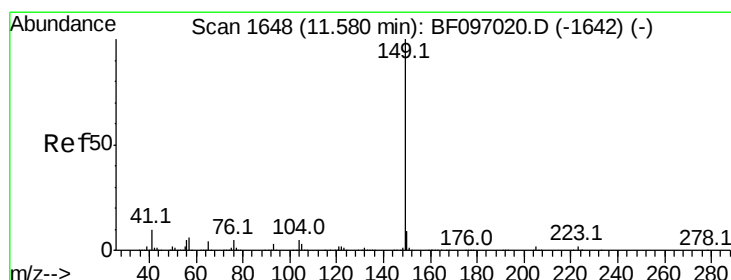
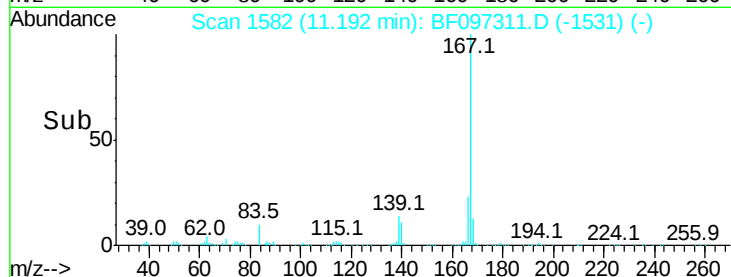
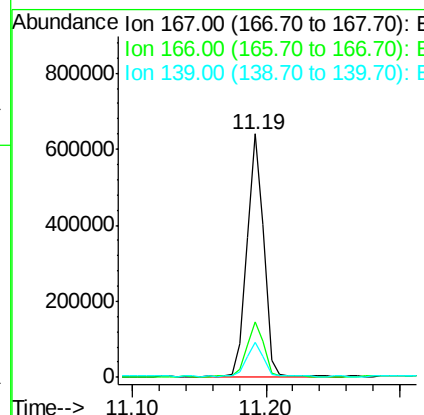
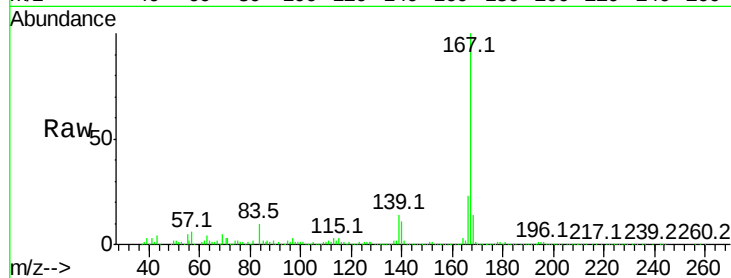
#72
 Carbazole
 Concen: 35.508 ng
 RT: 11.19 min Scan# 1582
 Delta R.T. 0.00 min
 Lab File: BF097311.D
 Acq: 3 Aug 2017 10:35

Instrument :
 BNA_F
 ClientSampleId :
 E2-L6-NSWMS

Tot Ion	Ratio	Resp	Lower	Upper
167	100			
166	22.7	18.1	27.1	
139	14.2	11.7	17.5	

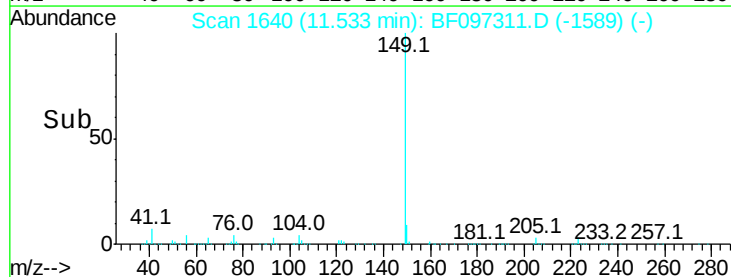
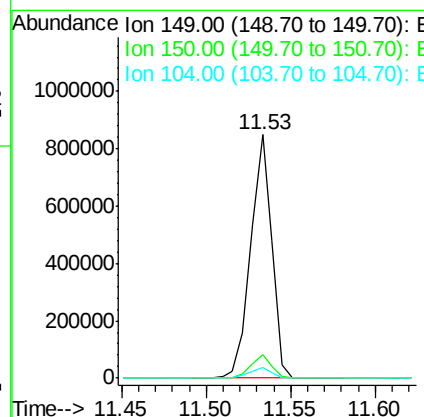
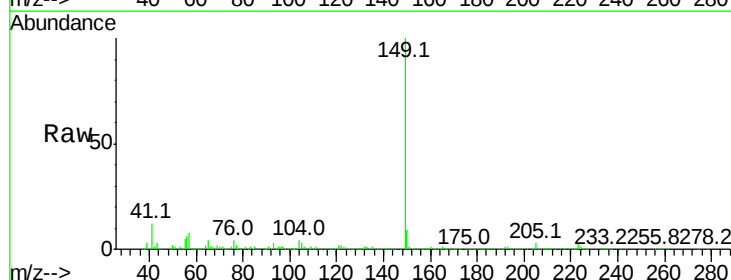
Manual Integrations
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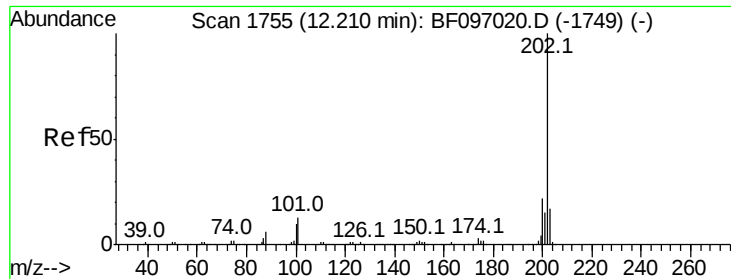
Sohil
 8/3/2017 6:08:38 PM



#73
 Di-n-butylphthalate
 Concen: 38.587 ng
 RT: 11.53 min Scan# 1640
 Delta R.T. 0.00 min
 Lab File: BF097311.D
 Acq: 3 Aug 2017 10:35

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.5	7.7	11.5	
104	4.3	4.0	6.0	





#74

Fluoranthene

Concen: 35.779 ng

RT: 12.16 min Scan# 1746

Delta R.T. 0.00 min

Lab File: BF097311.D

Acq: 3 Aug 2017 10:35

Instrument :

BNA_F

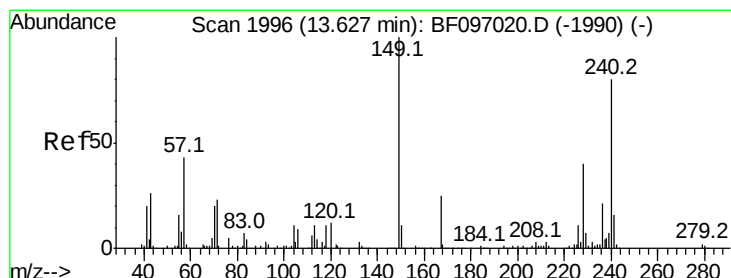
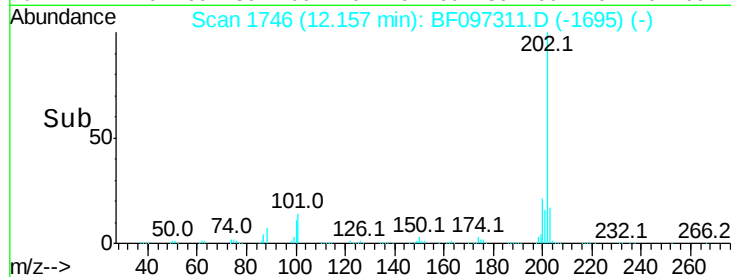
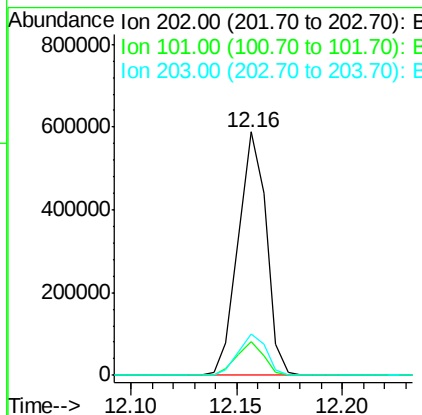
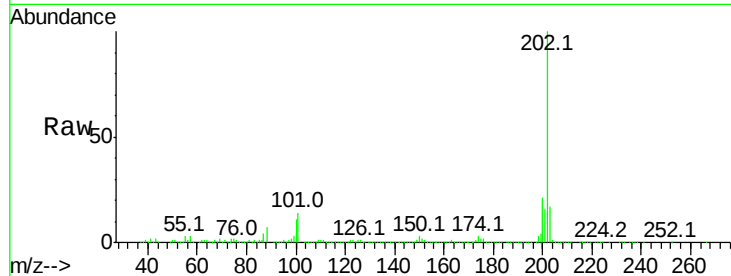
ClientSampleId :

E2-L6-NSWMS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	14.0	0.0	33.2
203	17.2	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

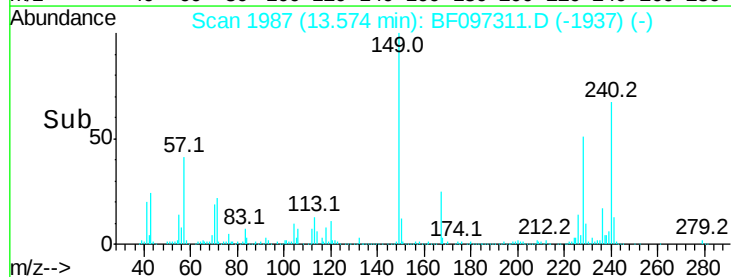
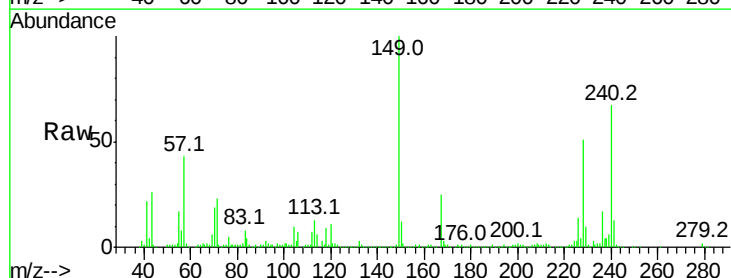
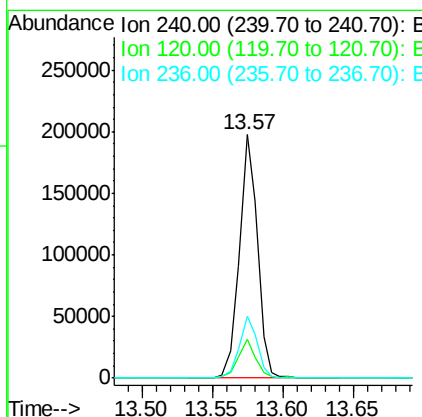
RT: 13.57 min Scan# 1987

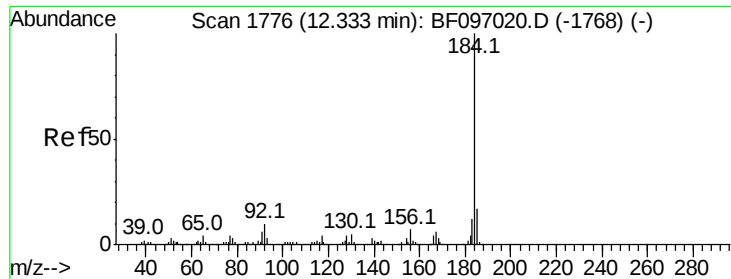
Delta R.T. -0.01 min

Lab File: BF097311.D

Acq: 3 Aug 2017 10:35

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	16.2	5.8	8.8#
236	25.4	20.5	30.7





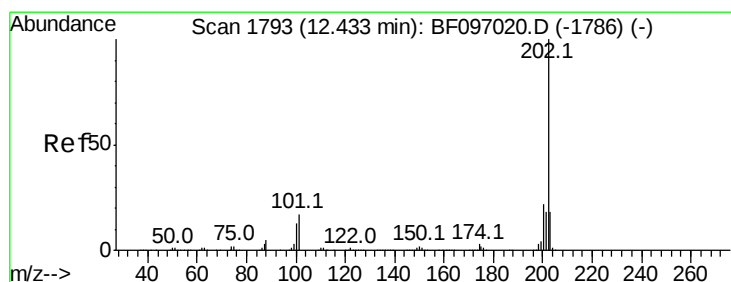
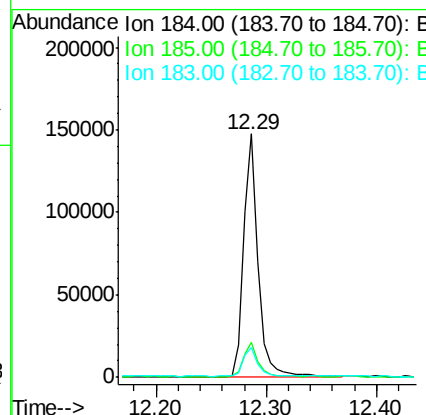
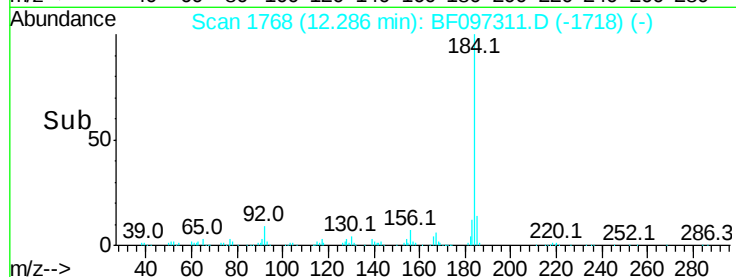
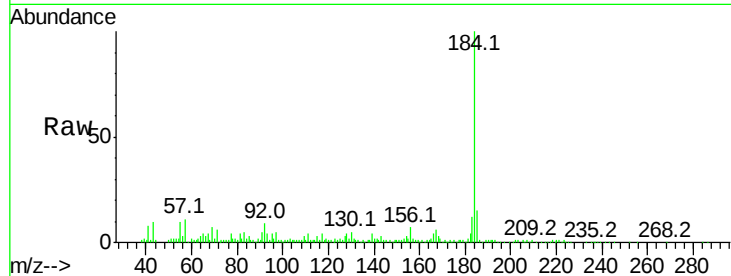
#76
Benzidine
Concen: 20.966 ng
RT: 12.29 min Scan# 1768
Delta R.T. -0.01 min
Lab File: BF097311.D
Acq: 3 Aug 2017 10:35

Instrument :
BNA_F
ClientSampleId :
E2-L6-NSWMS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
185	14.6	15.5	23.3#	
183	12.1	9.8	14.6	

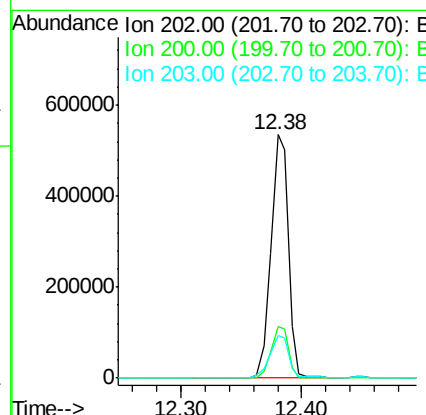
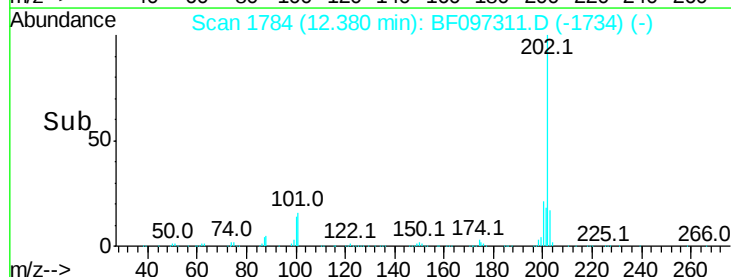
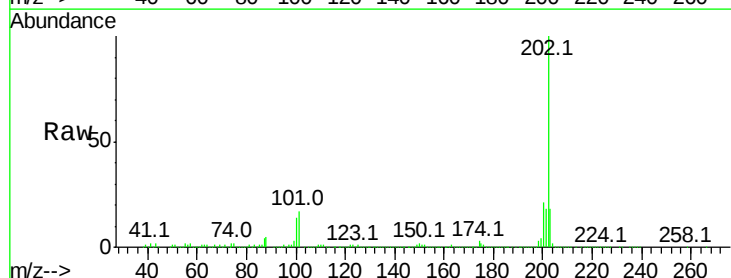
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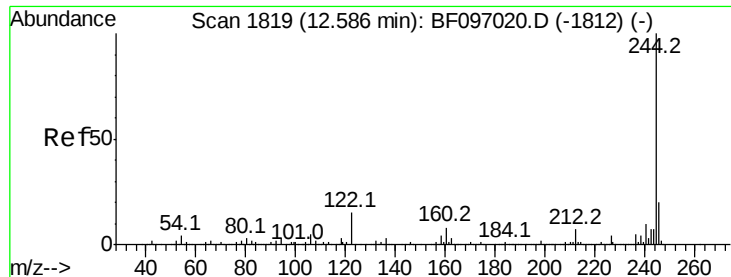
Sohil
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#77
Pyrene
Concen: 37.227 ng
RT: 12.38 min Scan# 1784
Delta R.T. -0.01 min
Lab File: BF097311.D
Acq: 3 Aug 2017 10:35

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	21.3	17.6	26.4	
203	17.6	14.4	21.6	





#78

Terphenyl-d14

Concen: 56.939 ng

RT: 12.53 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BF097311.D

Acq: 3 Aug 2017 10:35

Instrument :

BNA_F

ClientSampleId :

E2-L6-NSWMS

Tot Ion:244 Resp: 494027

Ion Ratio Lower Upper

244 100

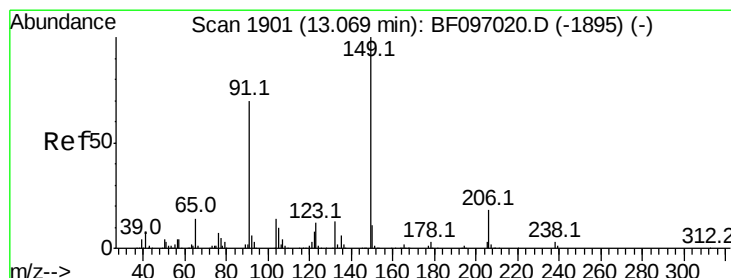
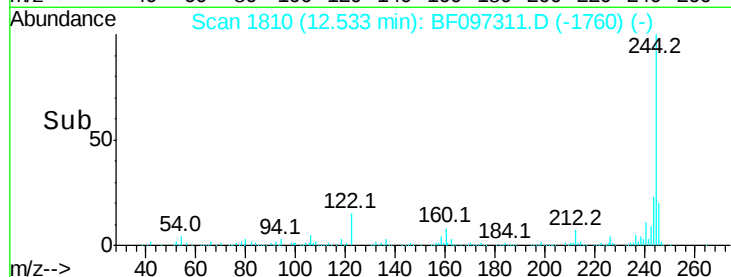
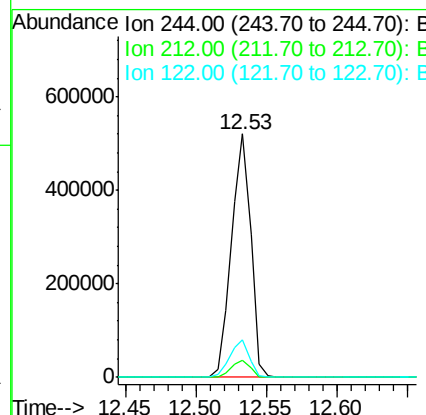
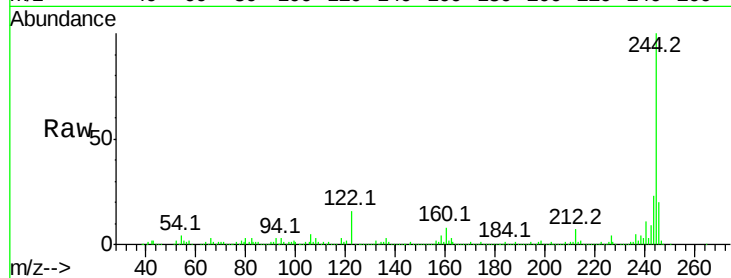
212 7.0 6.0 9.0

122 15.6 10.3 15.5#

Manual Integrations
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#79

Butylbenzylphthalate

Concen: 38.466 ng

RT: 13.02 min Scan# 1892

Delta R.T. 0.00 min

Lab File: BF097311.D

Acq: 3 Aug 2017 10:35

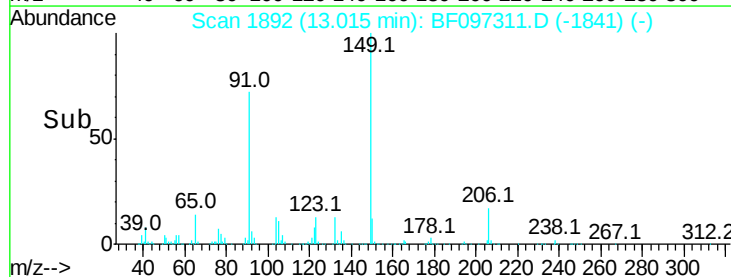
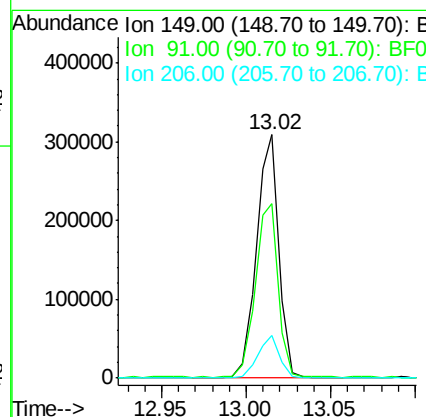
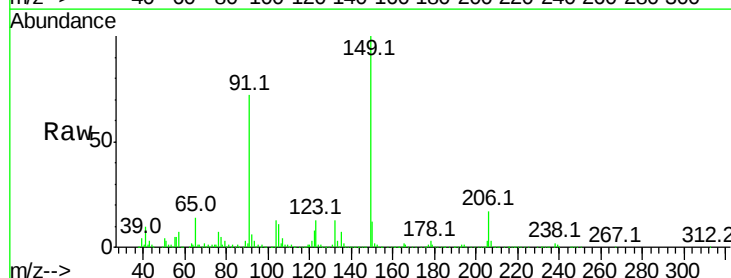
Tgt Ion:149 Resp: 283369

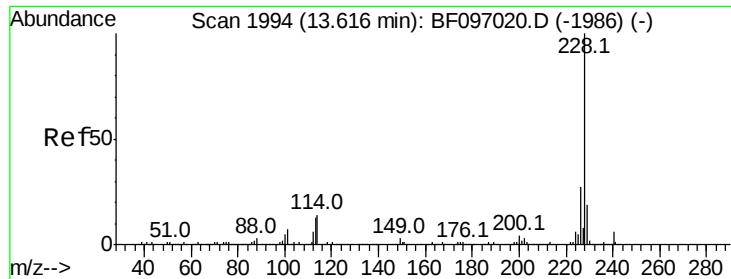
Ion Ratio Lower Upper

149 100

91 71.9 45.0 67.4#

206 17.5 17.0 25.6





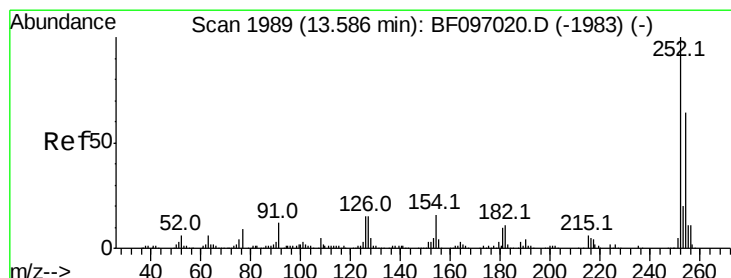
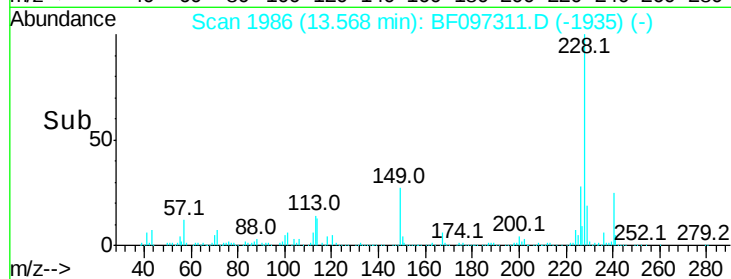
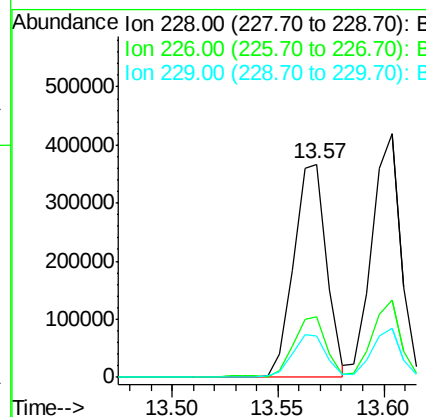
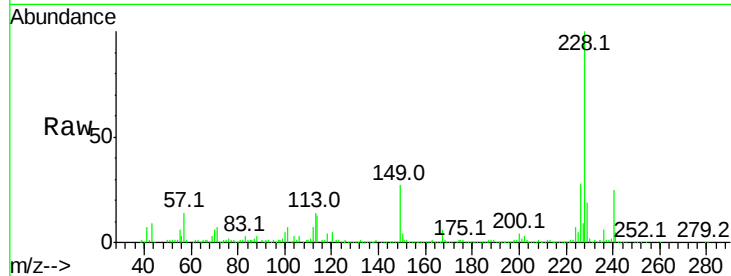
#80
Benzo(a)anthracene
Concen: 34.866 ng
RT: 13.57 min Scan# 1986
Delta R.T. 0.00 min
Lab File: BF097311.D
Acq: 3 Aug 2017 10:35

Instrument :
BNA_F
ClientSampleId :
E2-L6-NSWMS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.6	33.8
229	19.4	16.3	24.5

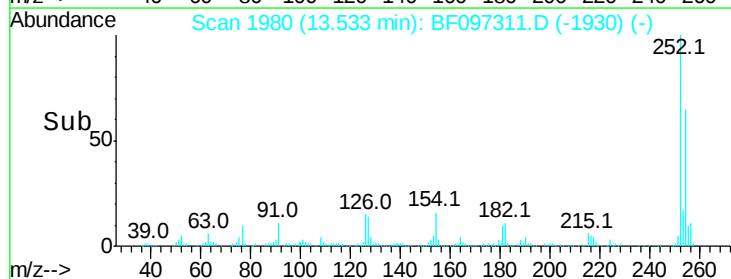
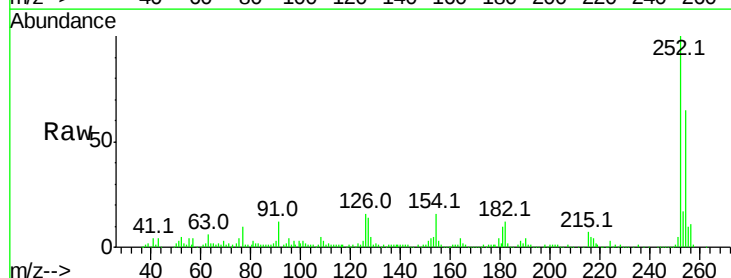
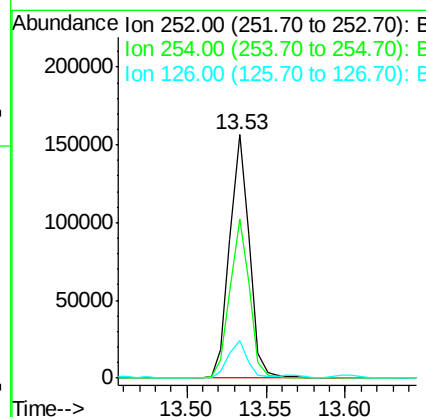
Manual Integrations
APPROVED

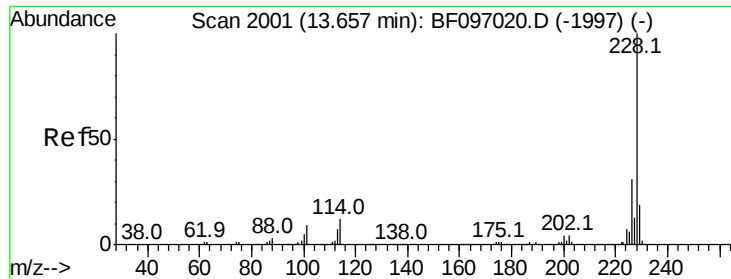
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#81
3,3'-Dichlorobenzidine
Concen: 31.296 ng
RT: 13.53 min Scan# 1980
Delta R.T. -0.01 min
Lab File: BF097311.D
Acq: 3 Aug 2017 10:35

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.2	51.5	77.3
126	15.6	15.8	23.8





#82

Chrysene

Concen: 35.477 ng

RT: 13.60 min Scan# 1992

Delta R.T. 0.00 min

Lab File: BF097311.D

Acq: 3 Aug 2017 10:35

Instrument :

BNA_F

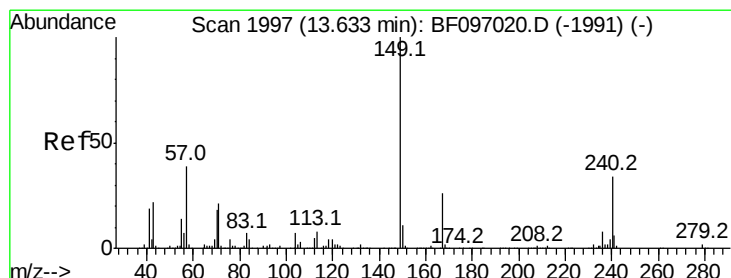
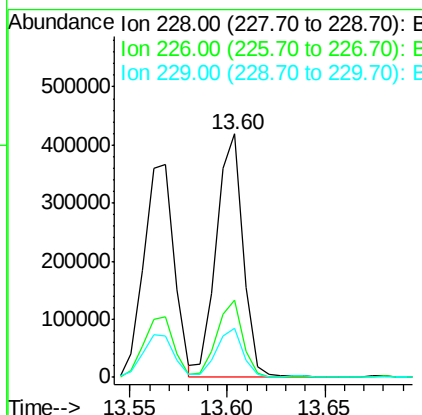
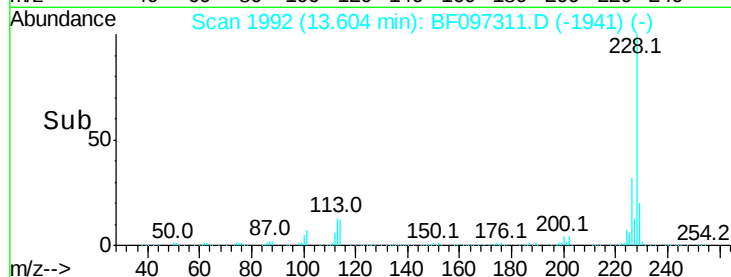
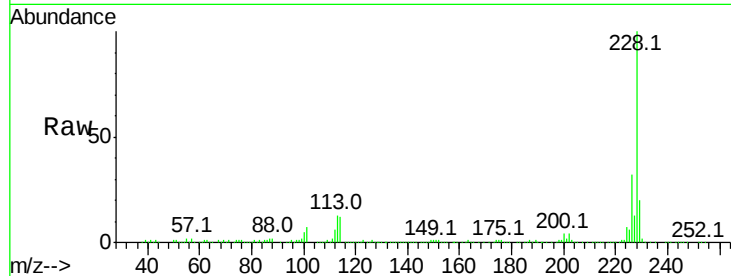
ClientSampled :

E2-L6-NSWMS

Tot Ion:	228	Resp:	396526
Ion Ratio	Lower	Upper	
228	100		
226	31.7	24.9	37.3
229	20.3	15.8	23.6

Manual Integrations
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#83

Bis(2-ethylhexyl)phthalate

Concen: 38.074 ng

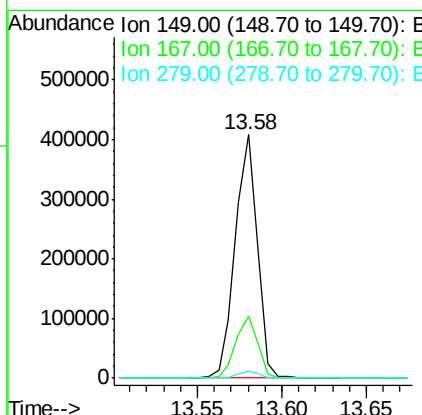
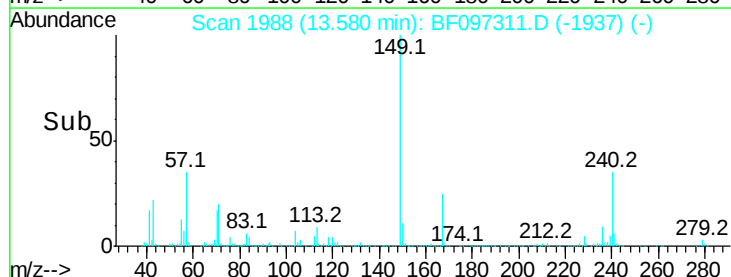
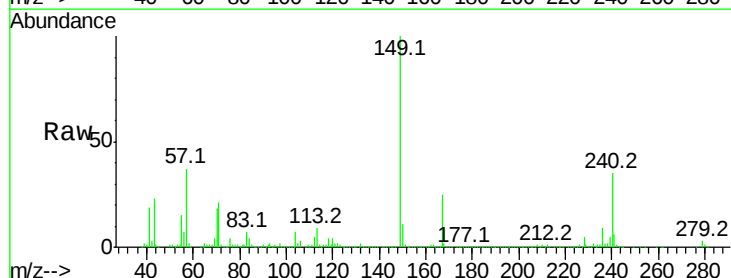
RT: 13.58 min Scan# 1988

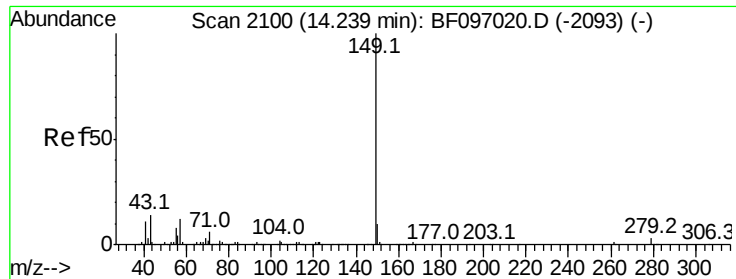
Delta R.T. 0.00 min

Lab File: BF097311.D

Acq: 3 Aug 2017 10:35

Tgt Ion:	149	Resp:	366217
Ion Ratio	Lower	Upper	
149	100		
167	25.2	21.0	31.4
279	2.7	1.9	2.9





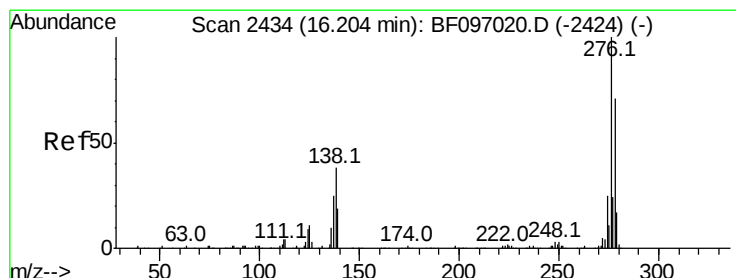
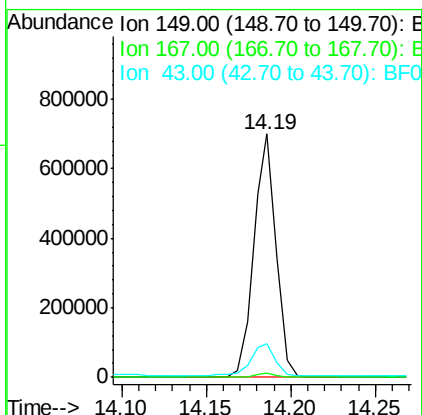
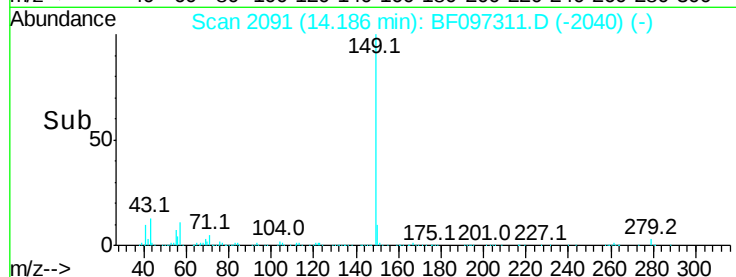
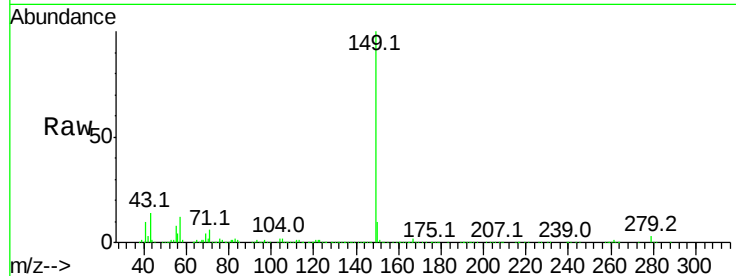
#84
Di-n-octyl phthalate
Concen: 36.179 ng
RT: 14.19 min Scan# 2091
Delta R.T. 0.00 min
Lab File: BF097311.D
Acq: 3 Aug 2017 10:35

Instrument :
BNA_F
ClientSampleId :
E2-L6-NSWMS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	1.4	1.2	1.8
43	13.8	8.5	12.7

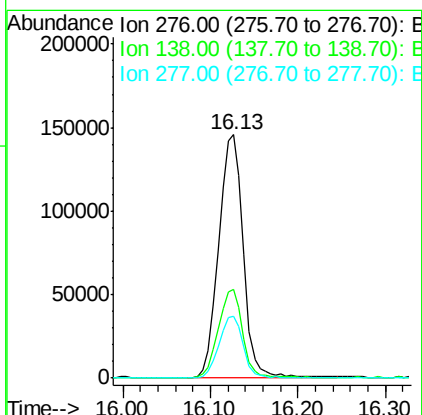
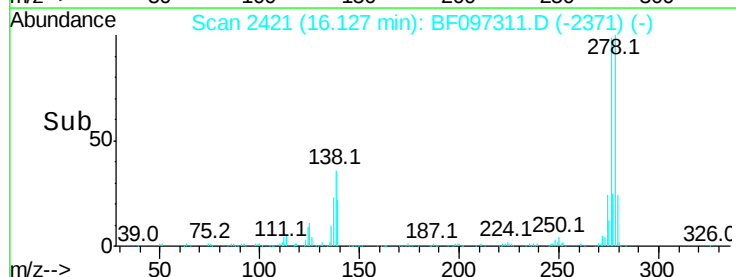
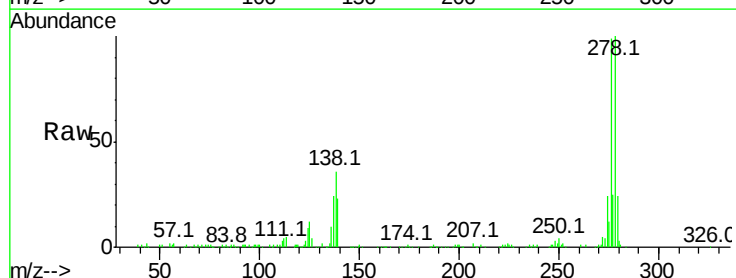
Manual Integrations
APPROVED

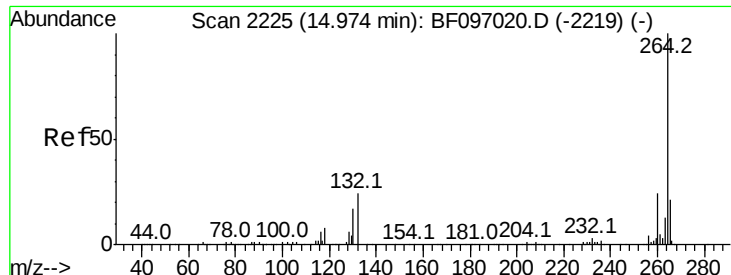
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#85
Indeno(1,2,3-cd)pyrene
Concen: 29.649 ng
RT: 16.13 min Scan# 2421
Delta R.T. -0.01 min
Lab File: BF097311.D
Acq: 3 Aug 2017 10:35

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	36.1	27.8	41.6
277	25.1	20.2	30.4





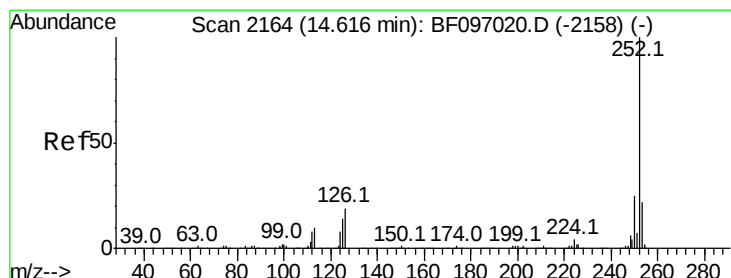
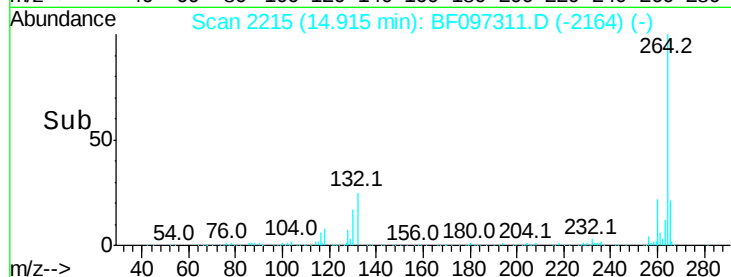
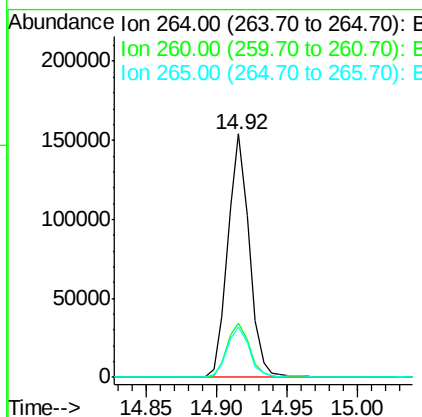
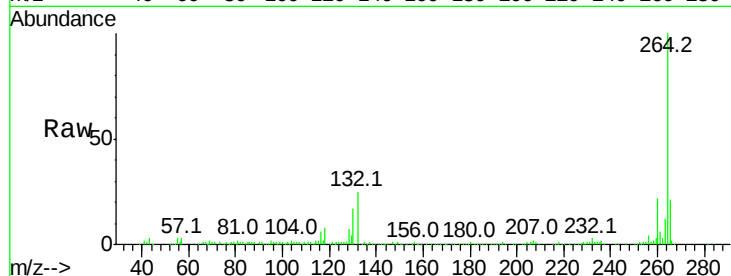
#86
Pervlene-d12
Concen: 20.000 ng
RT: 14.92 min Scan# 2215
Delta R.T. 0.00 min
Lab File: BF097311.D
Acq: 3 Aug 2017 10:35

Instrument :
BNA_F
ClientSampleId :
E2-L6-NSWMS

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.5	29.3
265	20.7	17.2	25.8

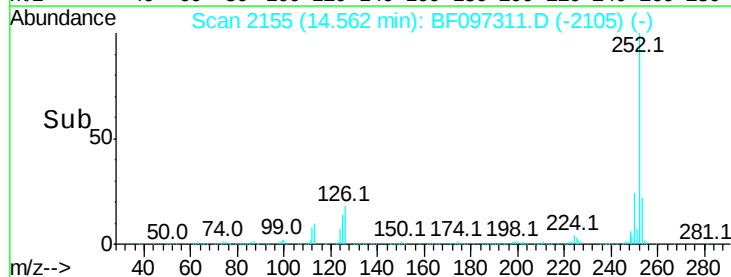
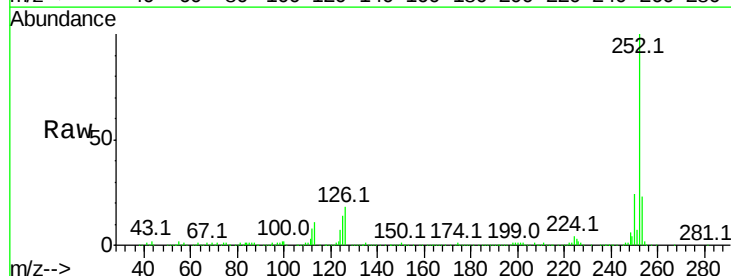
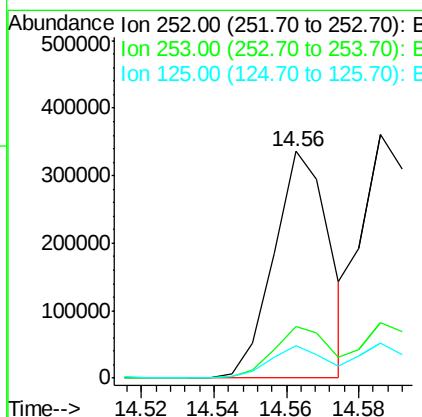
Manual Integrations
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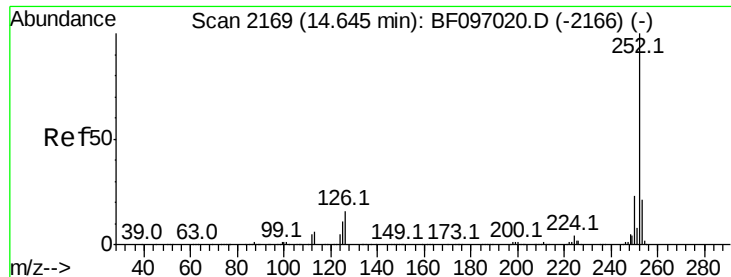
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#87
Benzo(b)fluoranthene
Concen: 36.493 ng
RT: 14.56 min Scan# 2155
Delta R.T. -0.01 min
Lab File: BF097311.D
Acq: 3 Aug 2017 10:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.1	27.1
125	14.5	9.8	14.8





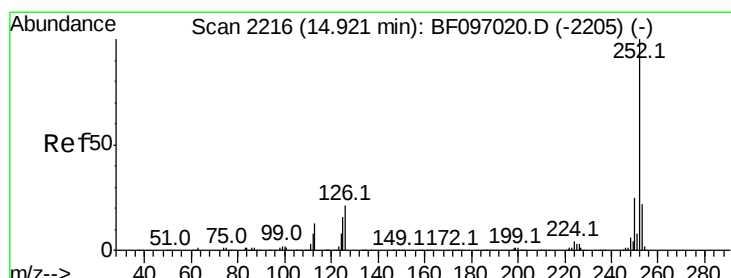
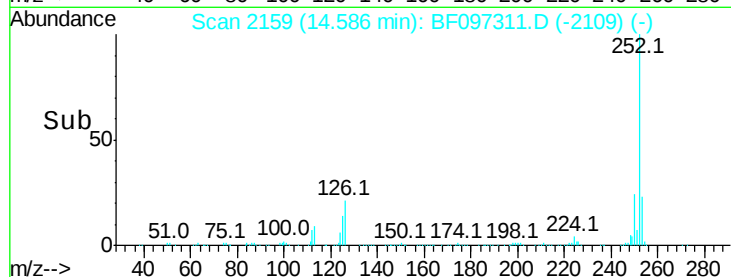
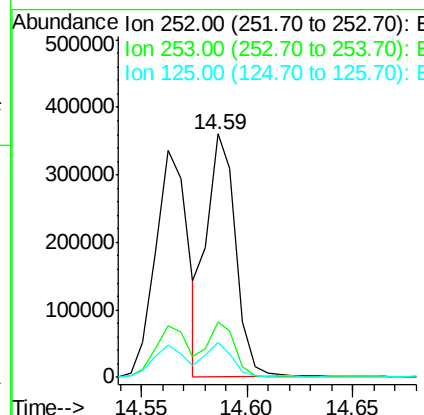
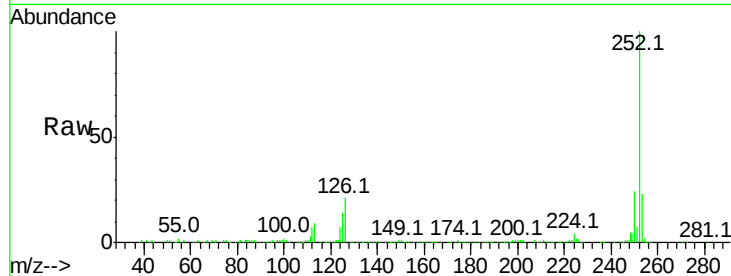
#88
Benzo(k)fluoranthene
Concen: 36.403 ng
RT: 14.59 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BF097311.D
Acq: 3 Aug 2017 10:35

Instrument :
BNA_F
ClientSampleId :
E2-L6-NSWMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.4	27.6
125	14.2	13.1	19.7

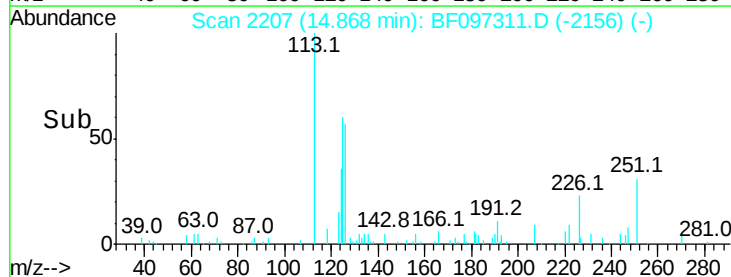
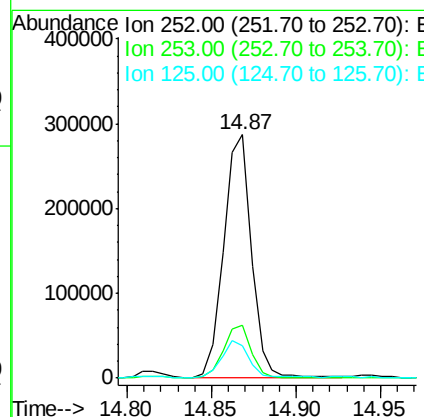
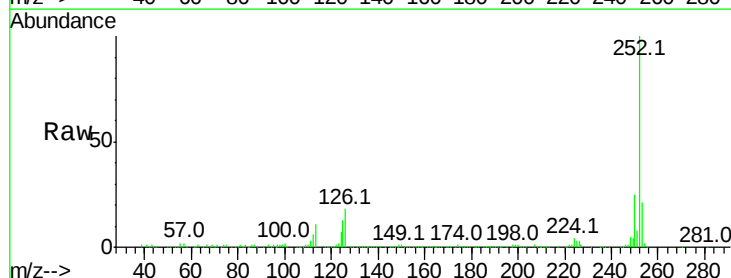
Manual Integrations
APPROVED

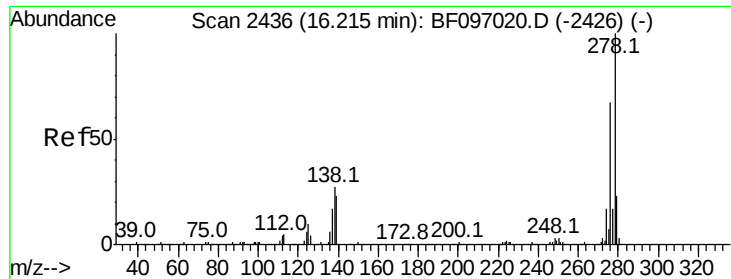
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#89
Benzo(a)pyrene
Concen: 36.422 ng
RT: 14.87 min Scan# 2207
Delta R.T. 0.00 min
Lab File: BF097311.D
Acq: 3 Aug 2017 10:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.5	26.3
125	13.4	11.0	16.4





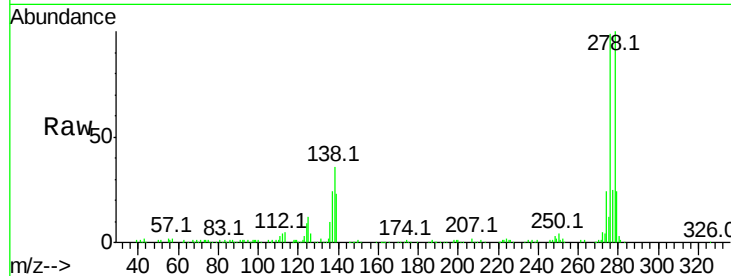
#90
Dibenzo(a,h)anthracene
Concen: 32.310 ng
RT: 16.13 min Scan# 2421
Delta R.T. -0.01 min
Lab File: BF097311.D
Acq: 3 Aug 2017 10:35

Instrument :
BNA_F
ClientSampleId :
E2-L6-NSWMS

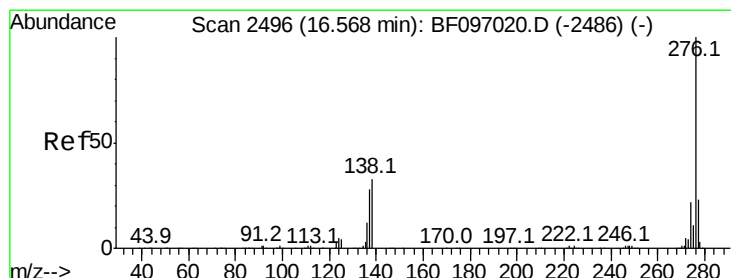
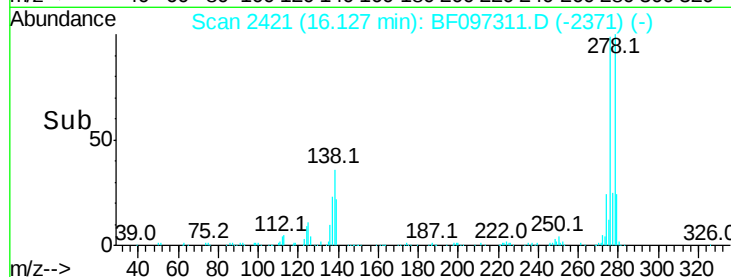
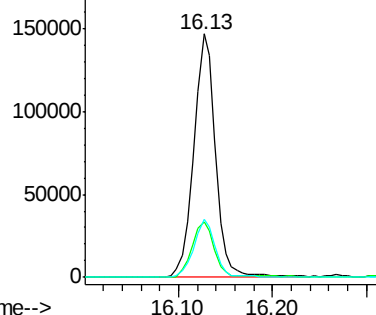
Tot Ion:	278	Resp:	237946
Ion Ratio	Lower	Upper	
278	100		
139	22.7	16.6	24.8
279	23.6	19.3	28.9

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Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#91
Benzo(g,h,i)perylene
Concen: 32.865 ng
RT: 16.48 min Scan# 2481
Delta R.T. -0.01 min
Lab File: BF097311.D
Acq: 3 Aug 2017 10:35

Tgt Ion:	276	Resp:	253811
Ion Ratio	Lower	Upper	
276	100		
277	23.0	18.6	28.0
138	30.8	25.4	38.0

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

