

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081017\
 Data File : BF097571.D
 Acq On : 10 Aug 2017 21:23
 Operator : SJ/JU
 Sample : I4689-01MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TRAP-ROCK-FINESMS

Manual Integrations
 APPROVED

Quant Time: Aug 11 11:57:12 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 07 16:02:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.39	152	104168	20.00	ng	-0.02
21) Naphthalene-d8	7.67	136	461567	20.00	ng	-0.02
38) Acenaphthene-d10	9.42	164	187270	20.00	ng	-0.02
63) Phenanthrene-d10	10.89	188	290402	20.00	ng	-0.02
75) Chrysene-d12	13.52	240	154638	20.00	ng	-0.02
86) Perylene-d12	14.86	264	178490	20.00	ng	-0.01

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System Monitoring Compounds

5) 2-Fluorophenol	4.99	112	624530	90.38	ng	-0.01
7) Phenol-d6	6.07	99	761684	96.55	ng	-0.01
23) Nitrobenzene-d5	6.97	82	489292	62.19	ng	-0.02
41) 2,4,6-Tribromophenol	10.21	330	134108	90.64	ng	-0.02
44) 2-Fluorobiphenyl	8.75	172	728251	66.00	ng	-0.02
78) Terphenyl-d14	12.47	244	473834	62.47	ng	-0.02

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Target Compounds

						Qvalue
2) 1,4-Dioxane	1.90	88	76099	26.390	ng	# 65
3) Pyridine	2.50	79	235015	26.616	ng	# 65
4) n-Nitrosodimethylamine	2.45	42	142851	29.202	ng	81
6) Aniline	6.06	93	267997	26.997	ng	96
8) 2-Chlorophenol	6.19	128	231254	31.298	ng	94
9) Benzaldehyde	5.95	77	93830	20.095	ng	99
10) Phenol	6.09	94	328127	35.067	ng	99
11) bis(2-Chloroethyl)ether	6.14	93	218595	29.537	ng	90
12) 1,3-Dichlorobenzene	6.33	146	217587	27.326	ng	97
13) 1,4-Dichlorobenzene	6.41	146	220520	27.945	ng	96
14) 1,2-Dichlorobenzene	6.56	146	200588	29.113	ng	98
15) Benzyl Alcohol	6.56	79	187876	37.617	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.69	45	441125	29.718	ng	95
17) 2-Methylphenol	6.69	107	171297	30.039	ng	# 89
18) Hexachloroethane	6.89	117	69571	24.099	ng	# 81
19) n-Nitroso-di-n-propylamine	6.83	70	148374	28.574	ng	# 78
20) 3+4-Methylphenols	6.86	107	227613	30.560	ng	# 62
22) Acetophenone	6.82	105	288149	25.996	ng	# 98
24) Nitrobenzene	6.99	77	259059	31.614	ng	96
25) Isophorone	7.23	82	448105	29.082	ng	96
26) 2-Nitrophenol	7.30	139	132992	29.999	ng	# 82
27) 2,4-Dimethylphenol	7.37	122	219639	30.034	ng	97
28) bis(2-Chloroethoxy)methane	7.45	93	304151	30.248	ng	99
29) 2,4-Dichlorophenol	7.57	162	199757	31.707	ng	97
30) 1,2,4-Trichlorobenzene	7.62	180	169420	28.213	ng	98
31) Naphthalene	7.70	128	658702	30.274	ng	99
33) 4-Chloroaniline	7.77	127	207407	23.427	ng	97
34) Hexachlorobutadiene	7.82	225	84269	26.470	ng	94
35) Caprolactam	8.15	113	54684	27.069	ng	# 47
36) 4-Chloro-3-methylphenol	8.28	107	207508	30.191	ng	90
37) 2-Methylnaphthalene	8.39	142	425419	30.881	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.56	216	152630	30.545	ng	99
40) Hexachlorocyclopentadiene	8.54	237	21314	17.784	ng	94
42) 2,4,6-Trichlorophenol	8.69	196	104512	28.862	ng	98

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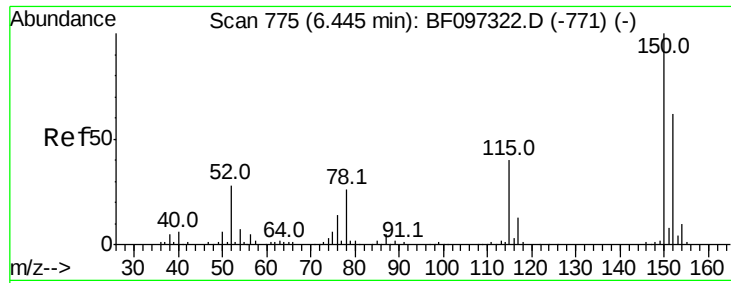
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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	8.74	196	100109	27.621	nq	97
45) 1,1'-Biphenyl	8.85	154	476725	29.804	nq	97
46) 2-Chloronaphthalene	8.87	162	369460	31.388	nq	94
47) 2-Nitroaniline	8.99	65	145801	34.131	nq	94
48) Acenaphthylene	9.28	152	557539	30.859	nq	99
49) Dimethylphthalate	9.17	163	574178	40.375	nq	99
50) 2,6-Dinitrotoluene	9.23	165	91652	30.387	nq	# 74
51) Acenaphthene	9.45	154	325246	30.562	nq	97
52) 3-Nitroaniline	9.40	138	100966	26.969	nq	92
54) Dibenzofuran	9.63	168	460672	32.498	nq	96
55) 4-Nitrophenol	9.62	139	31445m	14.124	nq	
56) 2,4-Dinitrotoluene	9.65	165	121457	35.029	nq	# 79
57) Fluorene	9.97	166	364383	34.201	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.76	232	77946	31.147	nq	# 96
59) Diethylphthalate	9.86	149	425490	32.613	nq	99
60) 4-Chlorophenyl-phenylether	9.96	204	146915	33.393	nq	97
61) 4-Nitroaniline	10.02	138	101584	28.556	nq	91
62) Azobenzene	10.12	77	423354	34.978	nq	93
64) 4,6-Dinitro-2-methylphenol	10.07	198	12503	6.929	nq	# 75
65) n-Nitrosodiphenylamine	10.09	169	333771	33.033	nq	98
66) 4-Bromophenyl-phenylether	10.45	248	94529	32.617	nq	96
67) Hexachlorobenzene	10.52	284	97741	30.075	nq	# 86
68) Atrazine	10.63	200	94979	32.781	nq	93
69) Pentachlorophenol	10.73	266	31334	23.302	nq	99
70) Phenanthrene	10.92	178	489967	31.489	nq	99
71) Anthracene	10.97	178	508305	31.895	nq	98
72) Carbazole	11.14	167	470097	29.993	nq	98
73) Di-n-butylphthalate	11.47	149	611617	31.569	nq	98
74) Fluoranthene	12.10	202	416801	27.343	nq	99
76) Benzidine	12.23	184	209159	36.453	nq	# 94
77) Pyrene	12.32	202	409099	32.315	nq	99
79) Butylbenzylphthalate	12.96	149	202029	31.373	nq	# 82
80) Benzo(a)anthracene	13.51	228	284187	28.402	nq	99
81) 3,3'-Dichlorobenzidine	13.48	252	99792	26.448	nq	# 97
82) Chrysene	13.54	228	289916	29.673	nq	99
83) Bis(2-ethylhexyl)phthalate	13.52	149	249287	29.649	nq	98
84) Di-n-octyl phthalate	14.13	149	429366	27.827	nq	# 93
85) Indeno(1,2,3-cd)pyrene	16.04	276	303478	36.224	nq	98
87) Benzo(b)fluoranthene	14.52	252	325977	30.382	nq	99
88) Benzo(k)fluoranthene	14.54	252	263026m	25.726	nq	
89) Benzo(a)pyrene	14.81	252	301317	30.685	nq	97
90) Dibenzo(a,h)anthracene	16.04	278	255679	31.751	nq	95
91) Benzo(g,h,i)perylene	16.39	276	250064	29.612	nq	99

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



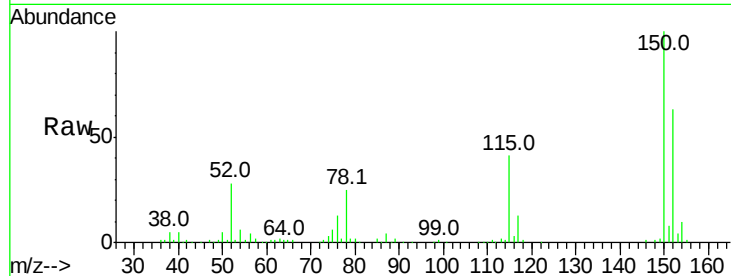
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.39 min Scan# 800
Delta R.T. -0.02 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

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Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	126.2	189.2
115	64.6	52.2	78.2

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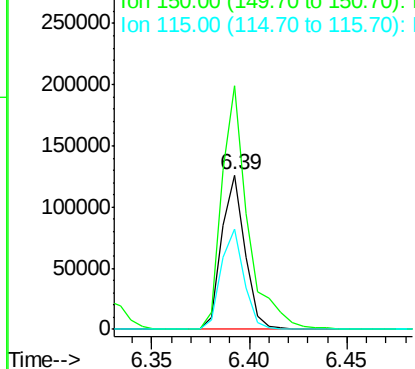


Abundance

Ion 152.00 (151.70 to 152.70): E

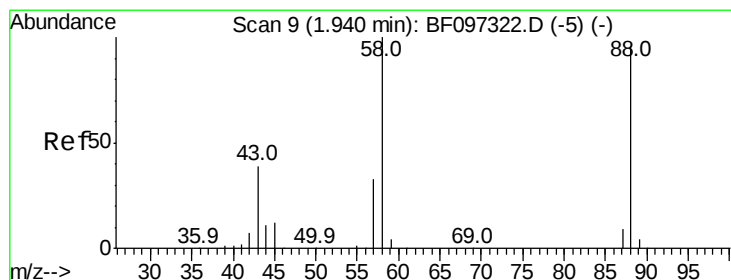
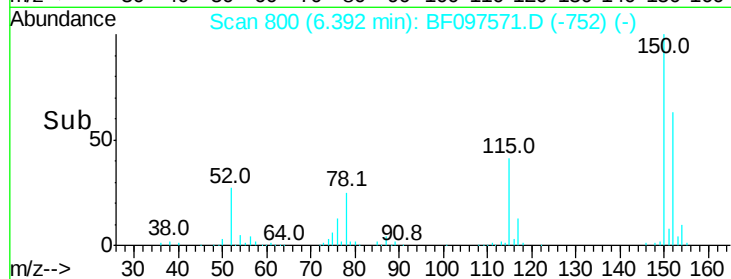
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



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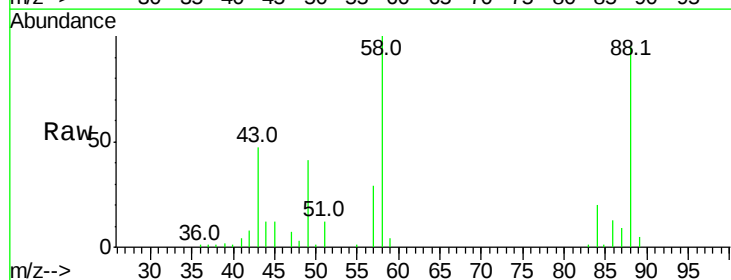
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#2

1,4-Dioxane
Concen: 26.390 ng
RT: 1.90 min Scan# 36
Delta R.T. 0.00 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

Tgt Ion	Ratio	Lower	Upper
88	100		
58	110.6	61.4	92.0#
43	42.8	23.4	35.0#

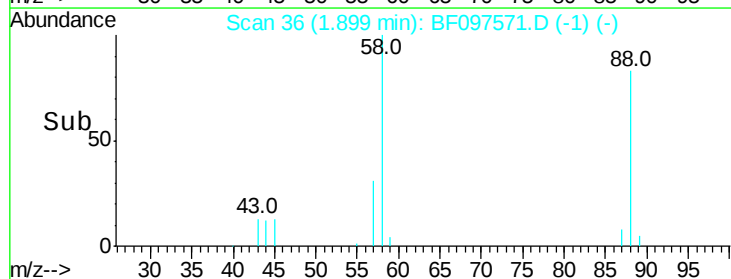
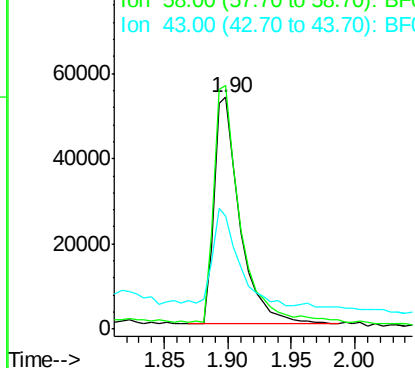


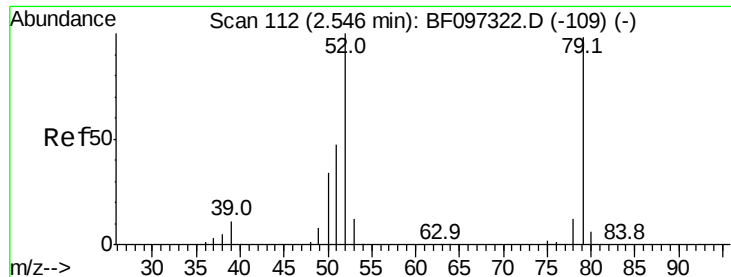
Abundance

Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 26.616 ng

RT: 2.50 min Scan# 139

Delta R.T. 0.01 min

Lab File: BF097571.D

Acq: 10 Aug 2017 21:23

Instrument :

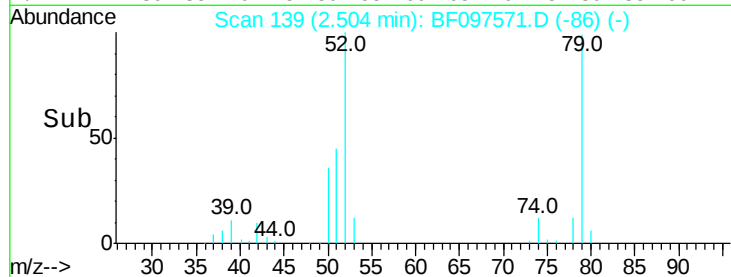
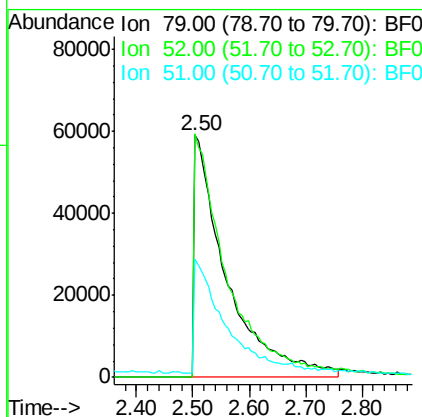
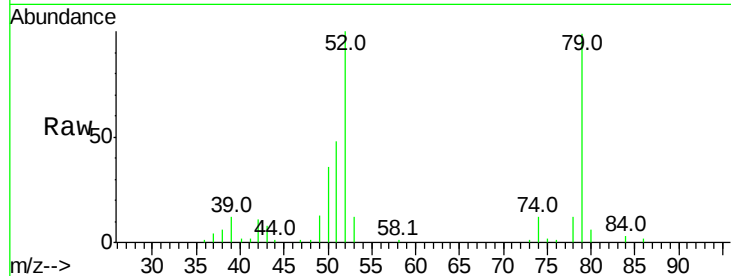
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ClientSampleId :

TRAP-ROCK-FINESMS

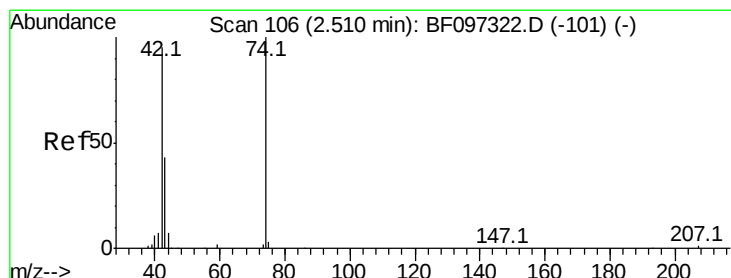
Tot Ion:	79	Resp:	235015
Ion Ratio	Lower	Upper	
79	100		
52	100.6	54.8	82.2#
51	48.8	27.0	40.4#

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#4

n-Nitrosodimethylamine

Concen: 29.202 ng

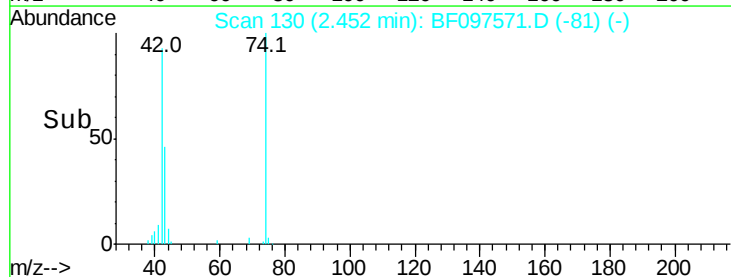
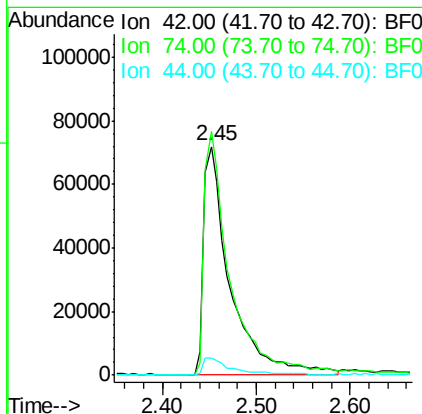
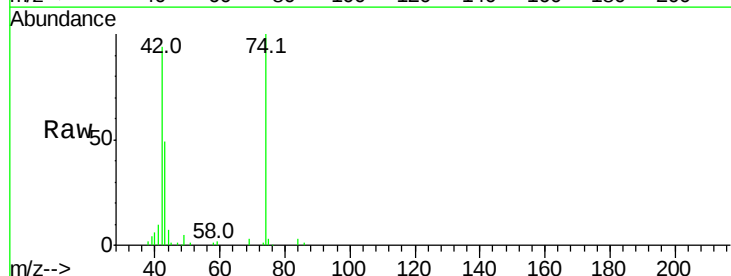
RT: 2.45 min Scan# 130

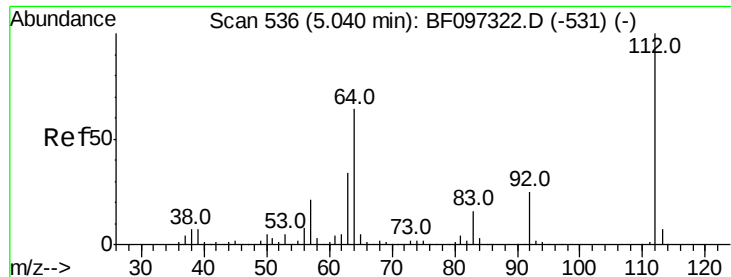
Delta R.T. -0.01 min

Lab File: BF097571.D

Acq: 10 Aug 2017 21:23

Tgt Ion:	42	Resp:	142851
Ion Ratio	Lower	Upper	
42	100		
74	106.5	103.9	155.9
44	7.7	5.7	8.5





#5

2-Fluorophenol

Concen: 90.380 ng

RT: 4.99 min Scan# 562

Delta R.T. -0.01 min

Lab File: BF097571.D

Acq: 10 Aug 2017 21:23

Instrument :

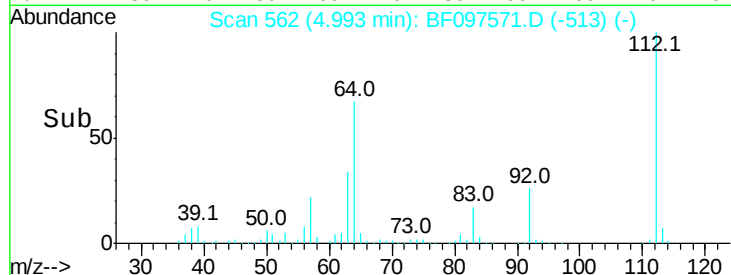
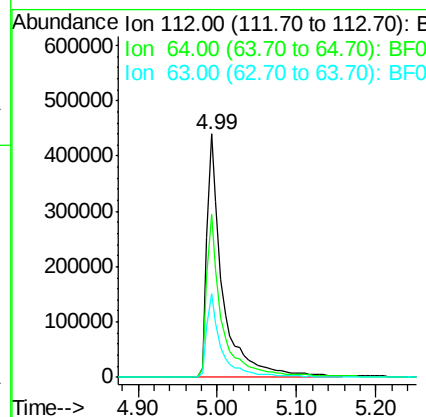
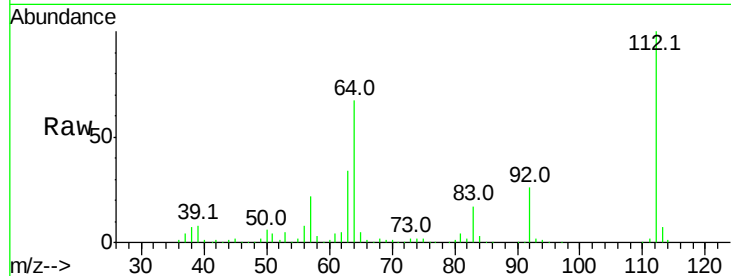
BNA_F

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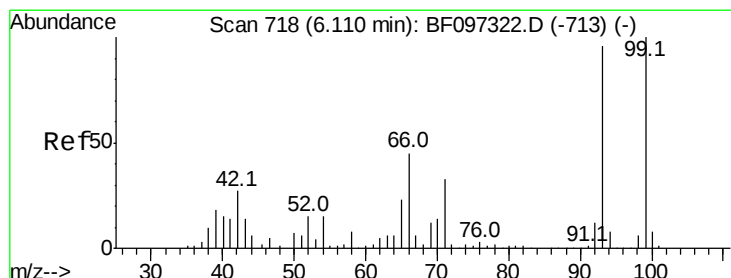
Tot Ion:	112	Resp:	624530
Ion Ratio	Lower	Upper	
112	100		
64	66.9	46.0	69.0
63	34.3	23.4	35.0

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#6

Aniline

Concen: 26.997 ng

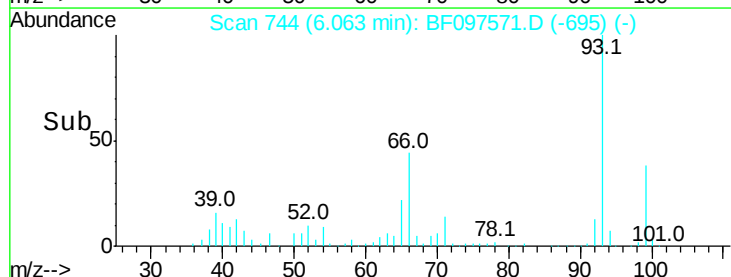
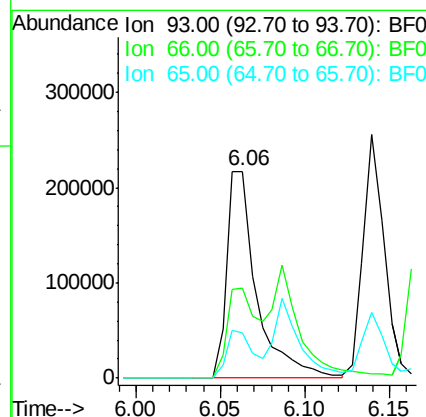
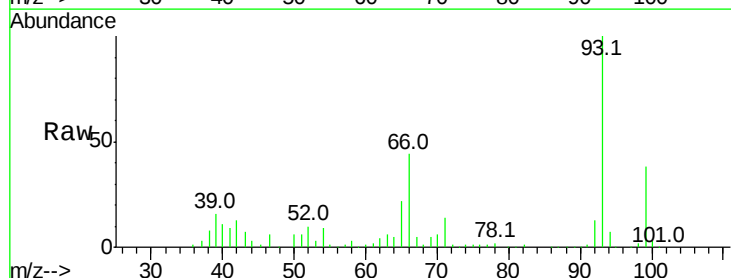
RT: 6.06 min Scan# 744

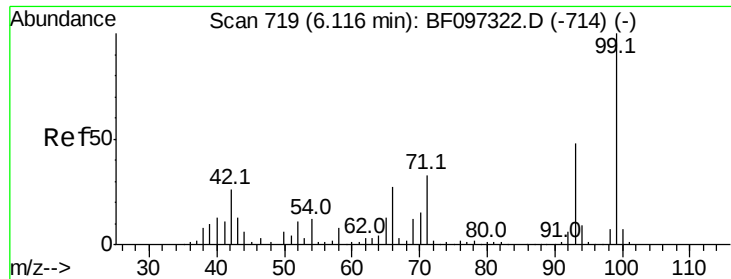
Delta R.T. -0.01 min

Lab File: BF097571.D

Acq: 10 Aug 2017 21:23

Tgt Ion:	93	Resp:	267997
Ion Ratio	Lower	Upper	
93	100		
66	43.8	32.9	49.3
65	21.8	16.0	24.0





#7

Phenol-d6

Concen: 96.555 ng

RT: 6.07 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF097571.D

Acq: 10 Aug 2017 21:23

Instrument :

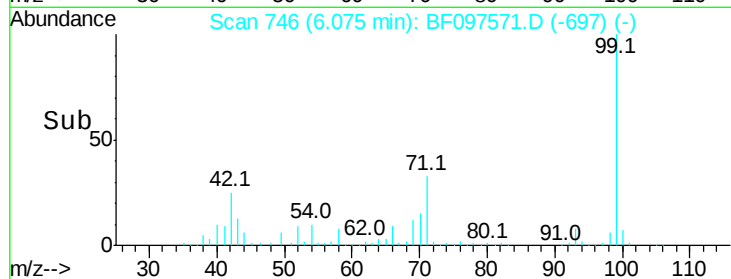
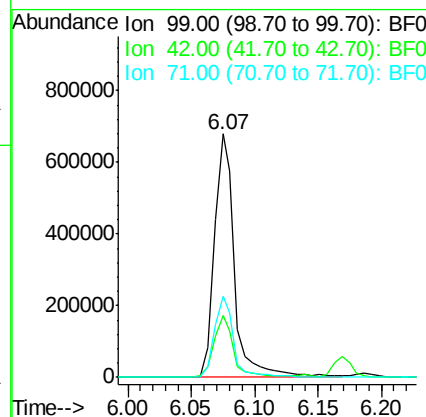
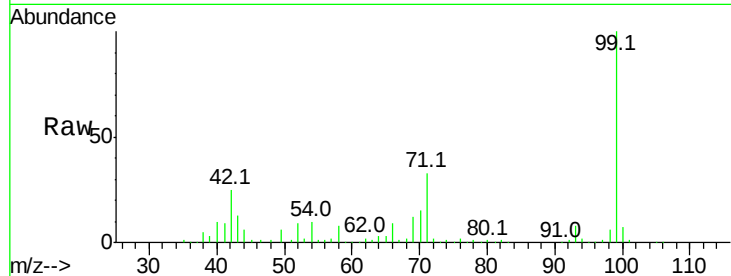
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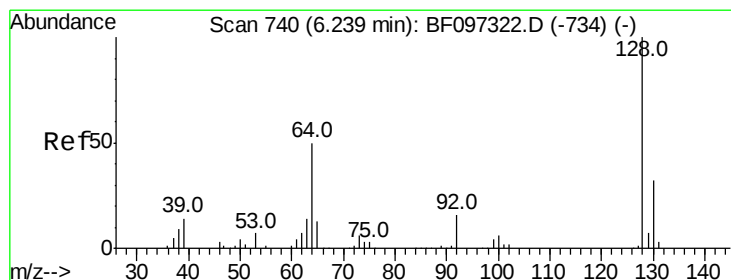
Tot Ion:	99	Resp:	761684
Ion Ratio	Lower	Upper	
99	100		
42	25.2	13.5	20.3#
71	33.4	24.5	36.7

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#8

2-Chlorophenol

Concen: 31.298 ng

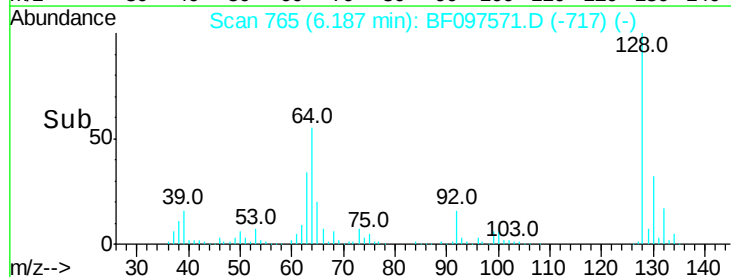
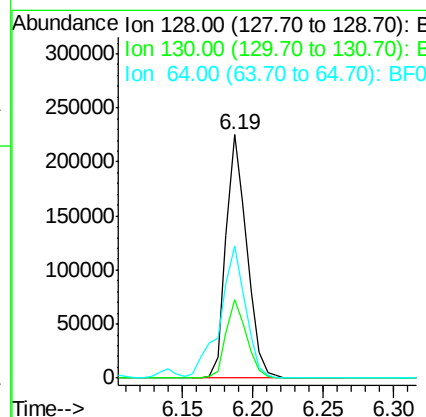
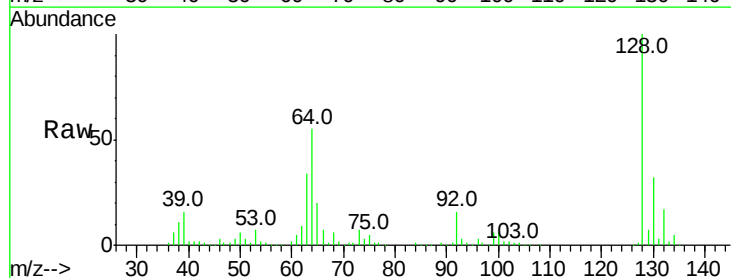
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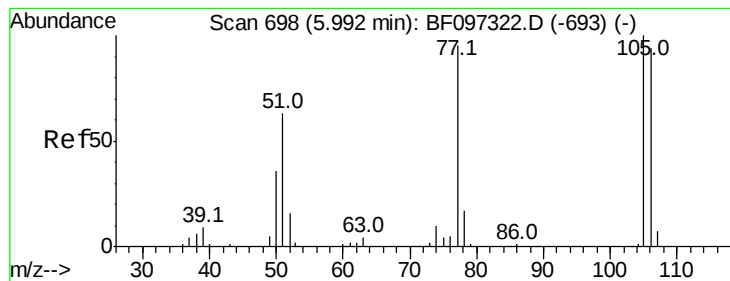
Delta R.T. -0.02 min

Lab File: BF097571.D

Acq: 10 Aug 2017 21:23

Tgt Ion:	128	Resp:	231254
Ion Ratio	Lower	Upper	
128	100		
130	32.3	12.9	52.9
64	54.6	28.4	68.4





#9

Benzaldehyde

Concen: 20.095 ng

RT: 5.95 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF097571.D

Acq: 10 Aug 2017 21:23

Instrument :

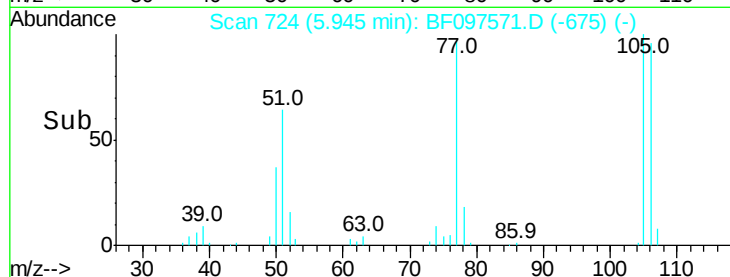
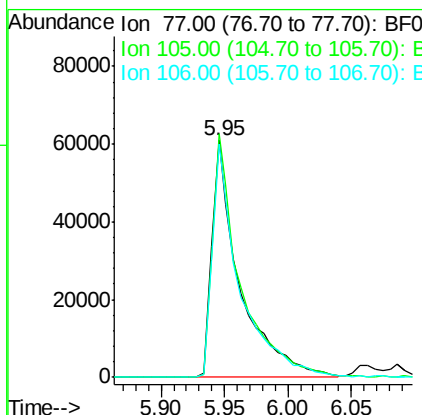
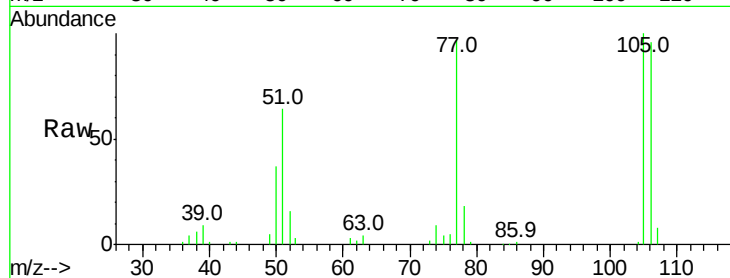
BNA_F

ClientSampleId :

TRAP-ROCK-FINESMS

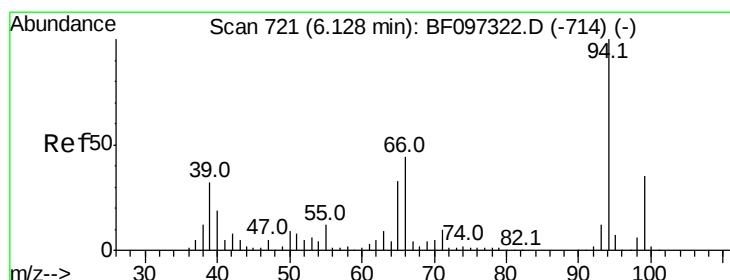
Tot Ion:	77	Resp:	93830
Ion	Ratio	Lower	Upper
77	100		
105	102.7	83.8	123.8
106	98.3	79.1	119.1

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#10

Phenol

Concen: 35.067 ng

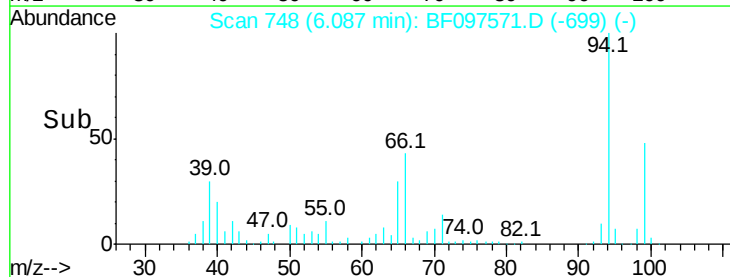
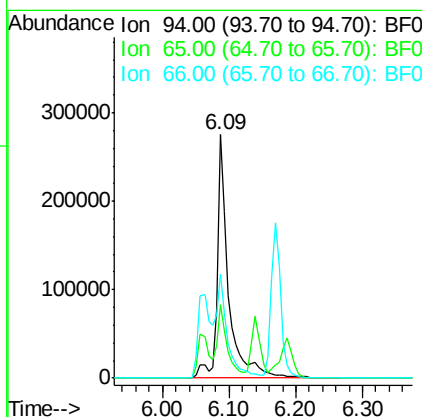
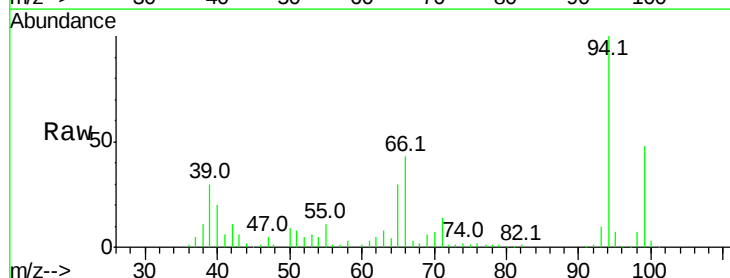
RT: 6.09 min Scan# 748

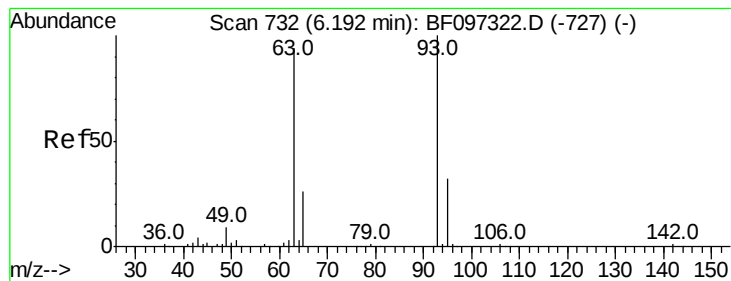
Delta R.T. -0.01 min

Lab File: BF097571.D

Acq: 10 Aug 2017 21:23

Tgt Ion:	94	Resp:	328127
Ion	Ratio	Lower	Upper
94	100		
65	30.4	9.9	49.9
66	42.9	23.1	63.1



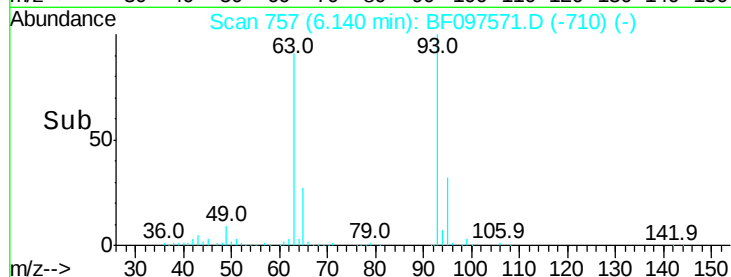
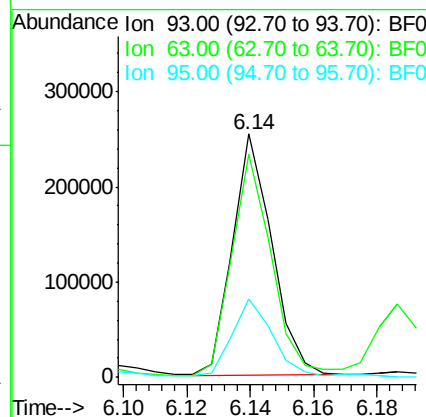
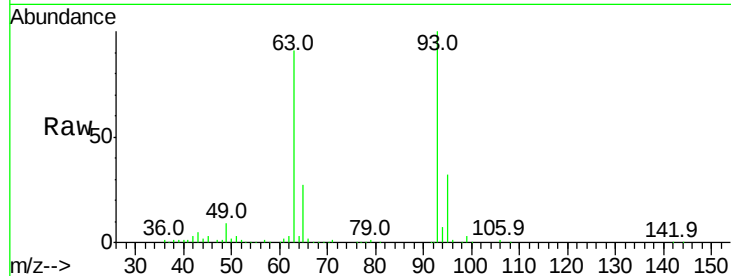


#11
bis(2-Chloroethyl)ether
Concen: 29.537 ng
RT: 6.14 min Scan# 757
Delta R.T. -0.02 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

Instrument :
BNA_F
ClientSampleId :
TRAP-ROCK-FINESMS

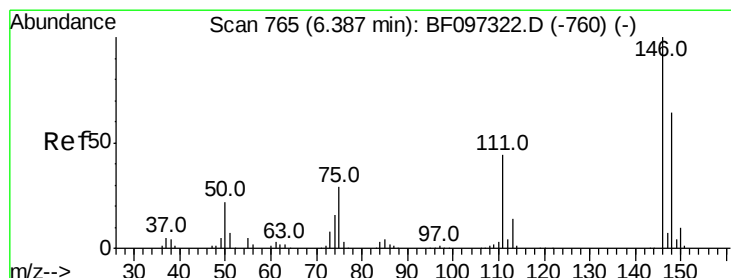
Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	91.5	59.2	99.2	
95	32.2	12.8	52.8	

Manual Integrations
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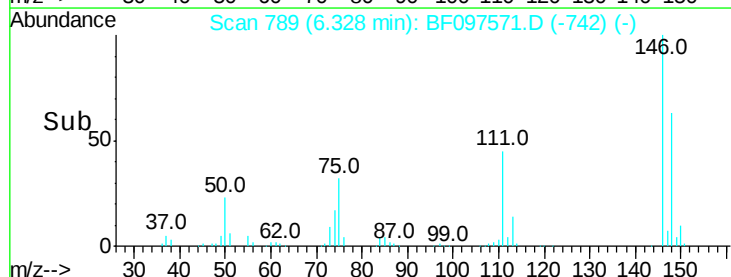
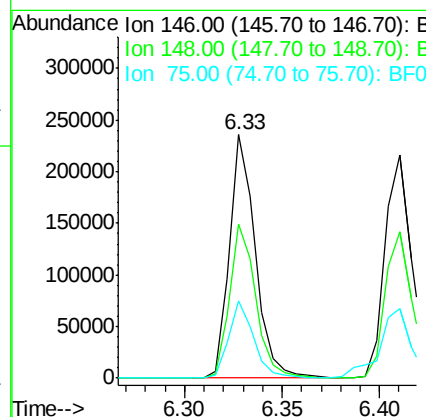
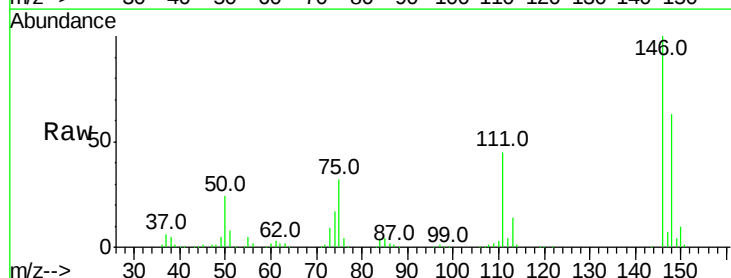
sohil

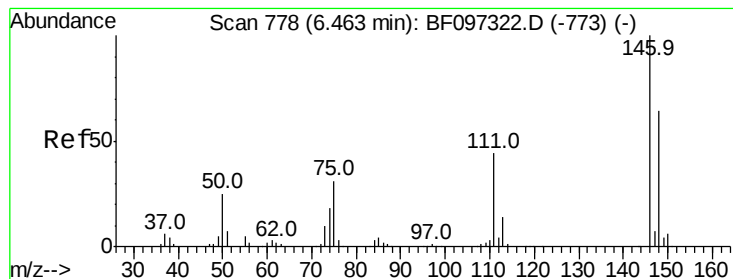
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#12
1,3-Dichlorobenzene
Concen: 27.326 ng
RT: 6.33 min Scan# 789
Delta R.T. -0.02 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	63.3	51.8	77.6	
75	31.7	23.1	34.7	





#13

1,4-Dichlorobenzene

Concen: 27.945 ng

RT: 6.41 min Scan# 803

Delta R.T. -0.02 min

Lab File: BF097571.D

Acq: 10 Aug 2017 21:23

Instrument :

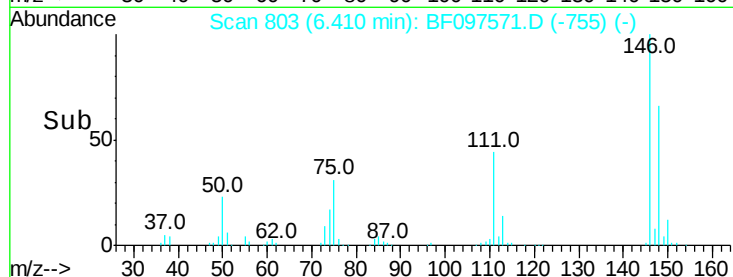
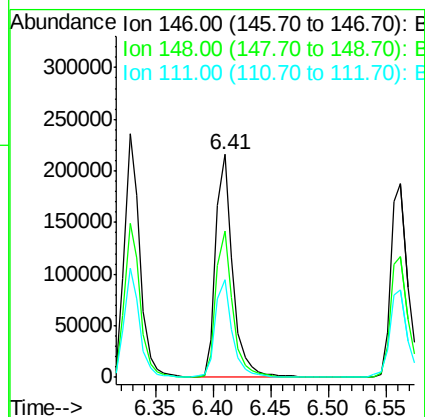
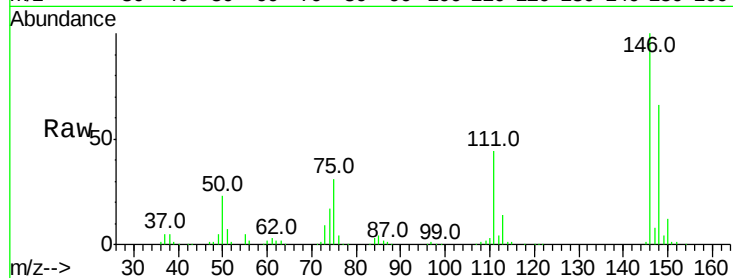
BNA_F

ClientSampleId :

TRAP-ROCK-FINESMS

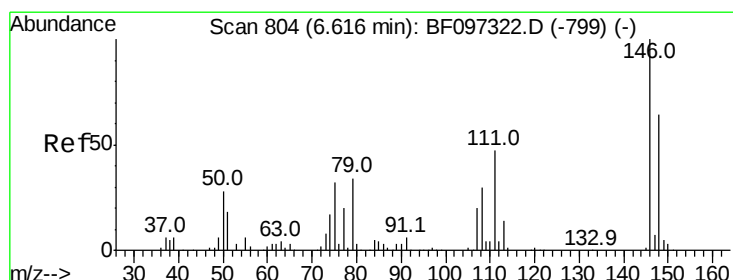
Tot Ion:	146	Resp:	220520
Ion Ratio	Lower	Upper	
146	100		
148	65.9	52.2	78.2
111	44.0	30.3	45.5

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 29.113 ng

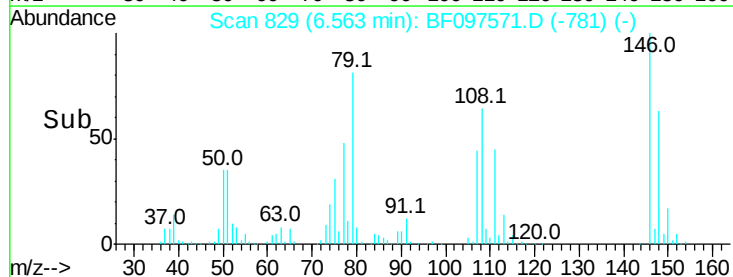
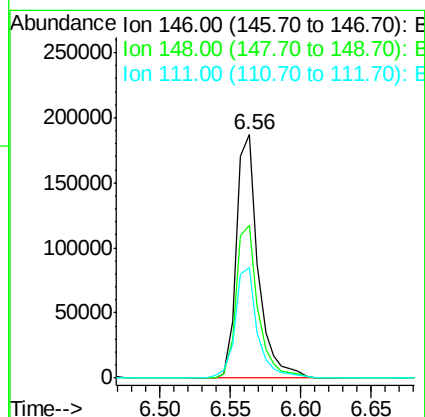
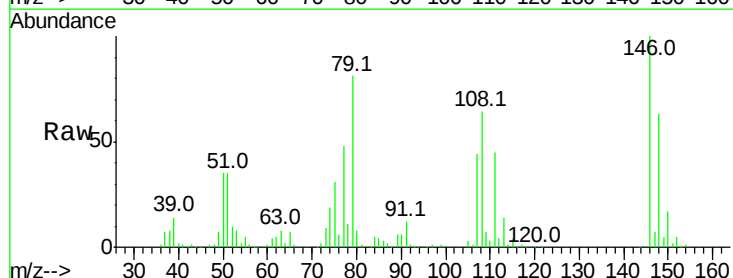
RT: 6.56 min Scan# 829

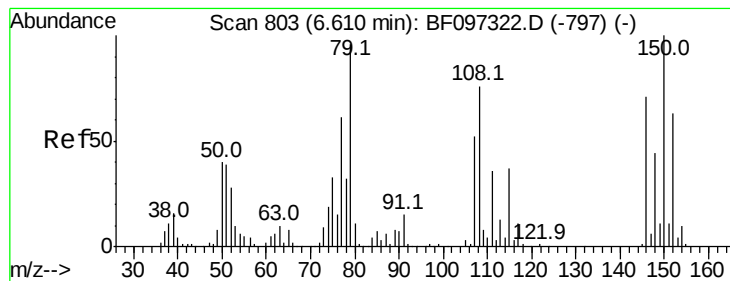
Delta R.T. -0.02 min

Lab File: BF097571.D

Acq: 10 Aug 2017 21:23

Tgt Ion:	146	Resp:	200588
Ion Ratio	Lower	Upper	
146	100		
148	62.7	50.4	75.6
111	45.1	38.2	57.4





#15

Benzyl Alcohol

Concen: 37.617 ng

RT: 6.56 min Scan# 829

Delta R.T. -0.02 min

Lab File: BF097571.D

Acq: 10 Aug 2017 21:23

Instrument :

BNA_F

ClientSampleId :

TRAP-ROCK-FINESMS

Tot Ion: 79 Resp: 187876

Ion Ratio Lower Upper

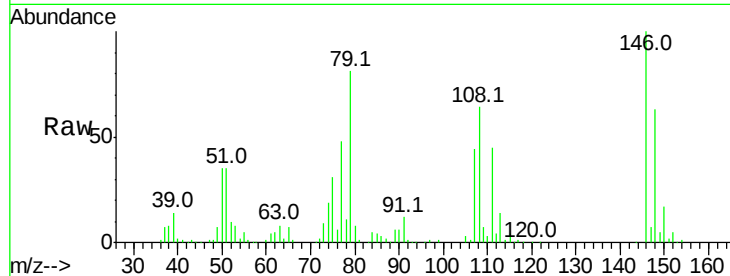
79 100

108 78.6 63.4 95.0

77 59.3 49.2 73.8

Manual Integrations

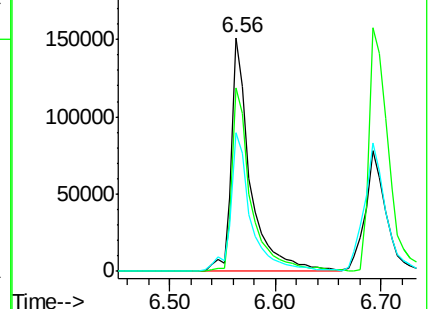
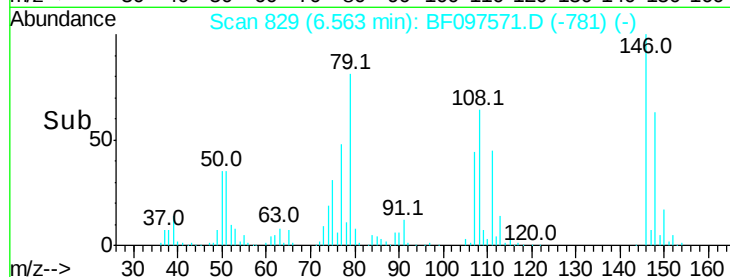
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Abundance Ion 79.00 (78.70 to 79.70): BF0

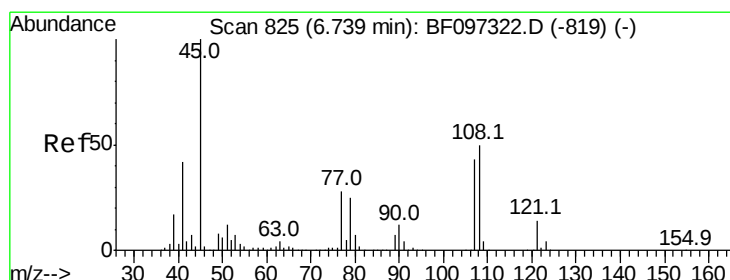
Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



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#16

2,2'-oxybis(1-Chloropropane)

Concen: 29.718 ng

RT: 6.69 min Scan# 850

Delta R.T. -0.02 min

Lab File: BF097571.D

Acq: 10 Aug 2017 21:23

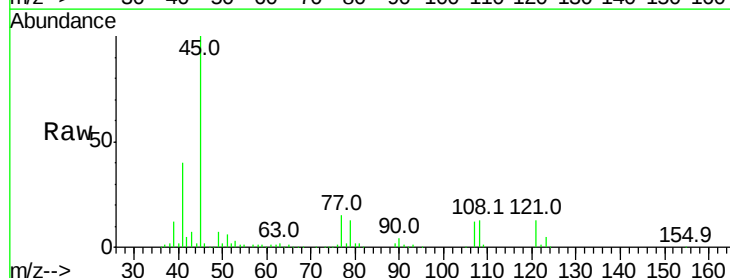
Tgt Ion: 45 Resp: 441125

Ion Ratio Lower Upper

45 100

77 15.0 0.0 33.2

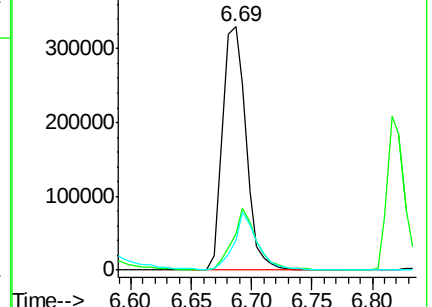
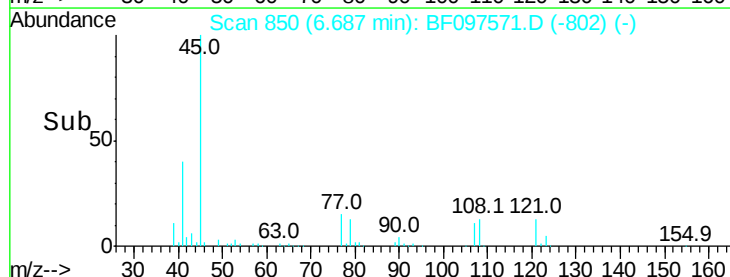
79 12.5 0.0 30.0

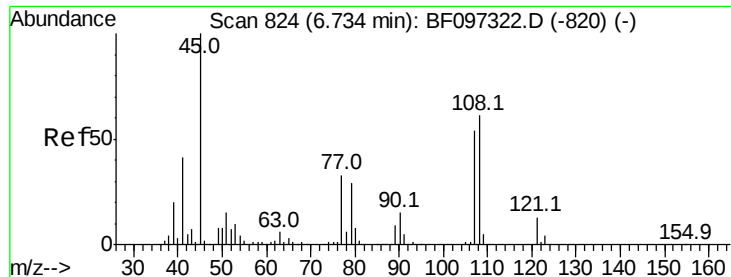


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 30.039 ng

RT: 6.69 min Scan# 851

Delta R.T. -0.02 min

Lab File: BF097571.D

Acq: 10 Aug 2017 21:23

Instrument :

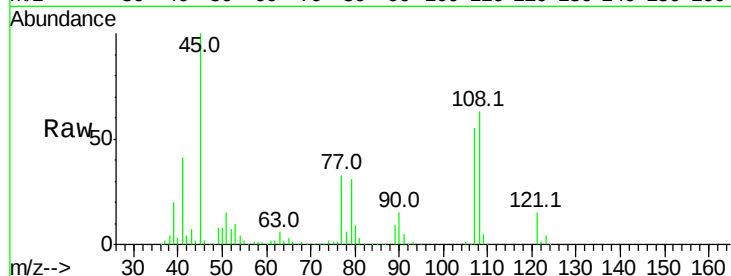
BNA_F

ClientSampleId :

TRAP-ROCK-FINESMS

Tot Ion:	107	Resp:	171297
Ion Ratio	Lower	Upper	
107	100		
108	114.0	93.4	140.0
77	60.3	35.8	53.6#
79	56.6	34.8	52.2#

Manual Integrations
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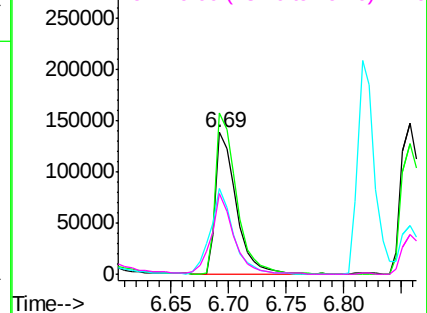
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

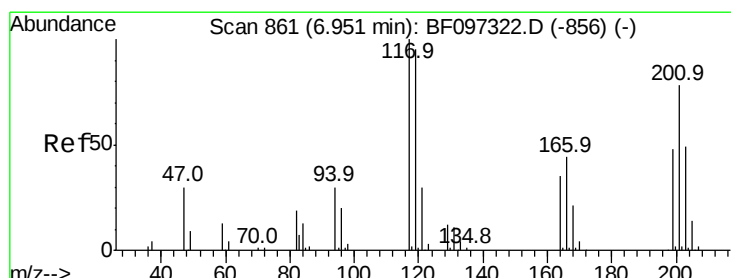
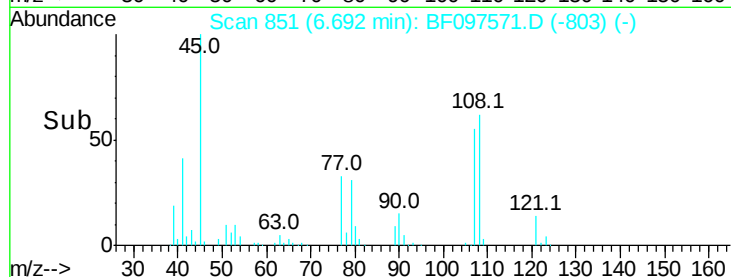
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



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#18

Hexachloroethane

Concen: 24.099 ng

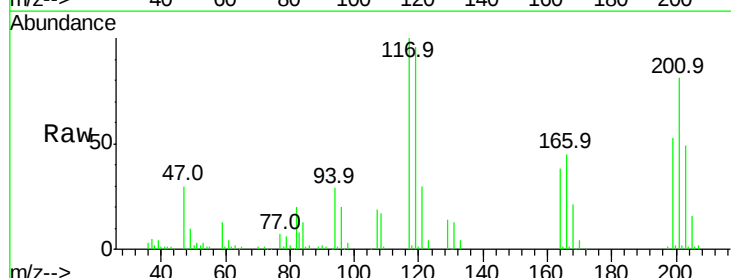
RT: 6.89 min Scan# 885

Delta R.T. -0.02 min

Lab File: BF097571.D

Acq: 10 Aug 2017 21:23

Tgt Ion:	117	Resp:	69571
Ion Ratio	Lower	Upper	
117	100		
119	96.0	77.4	116.0
201	80.7	94.6	141.8#

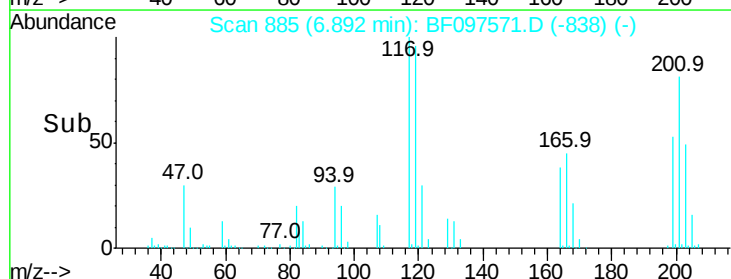
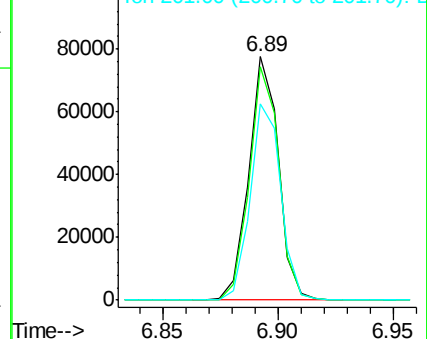


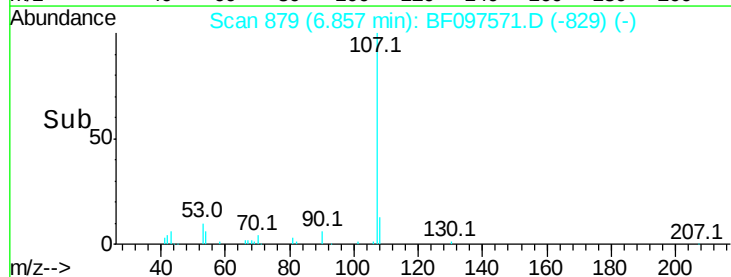
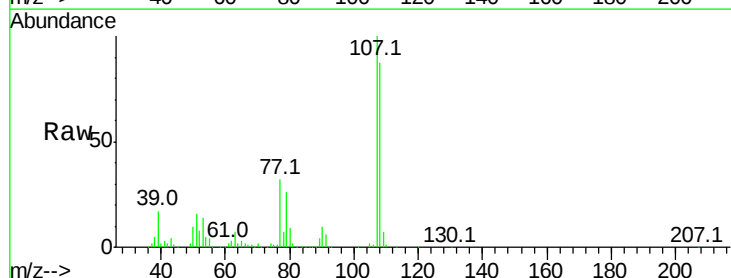
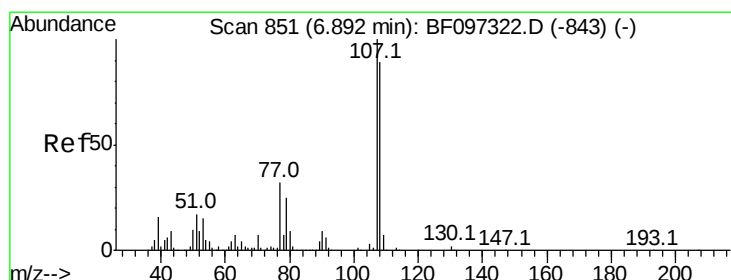
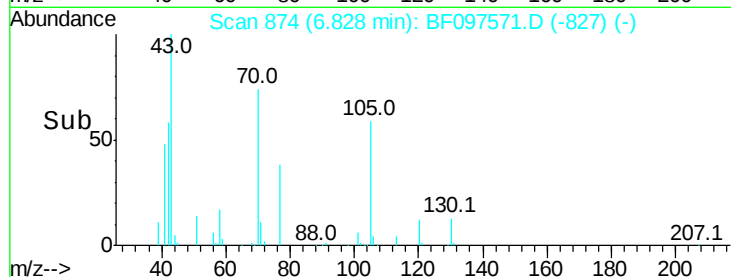
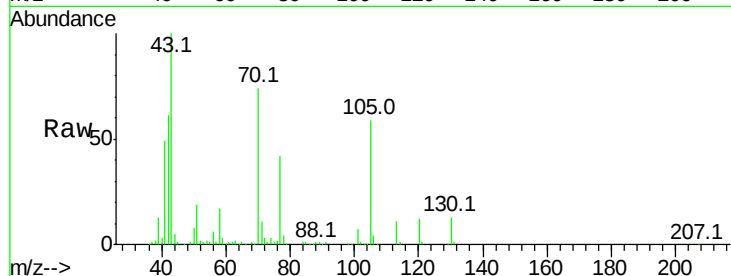
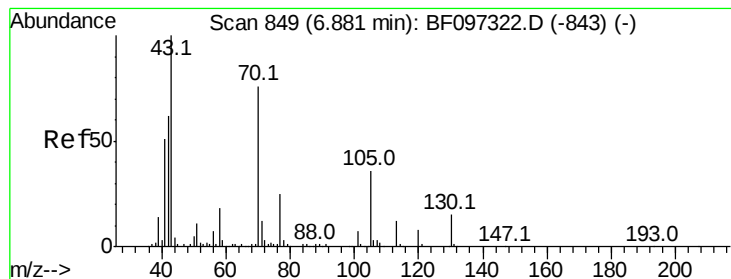
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 28.574 ng

RT: 6.83 min Scan# 874

Delta R.T. -0.02 min

Lab File: BF097571.D

Acq: 10 Aug 2017 21:23

Tot Ion: 70 Resp: 148374

Ion Ratio Lower Upper

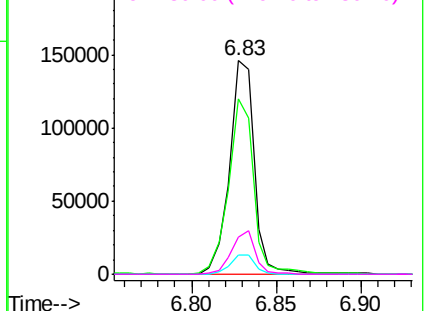
70 100

42 82.3 47.2 70.8#

101 9.1 7.2 10.8

130 17.7 15.9 23.9

Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E



Instrument :
BNA_F
ClientSampleId :
TRAP-ROCK-FINESMS

Manual Integrations
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#20

3+4-Methylphenols

Concen: 30.560 ng

RT: 6.86 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF097571.D

Acq: 10 Aug 2017 21:23

Tgt Ion:107 Resp: 227613

Ion Ratio Lower Upper

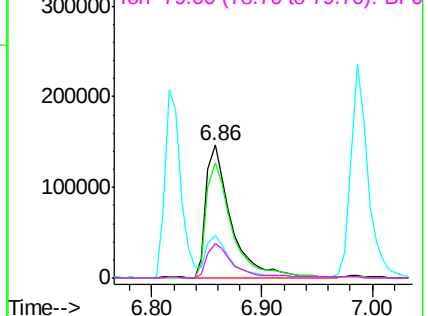
107 100

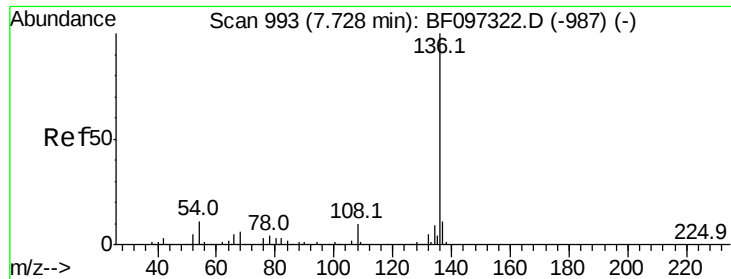
108 87.0 71.0 111.0

77 32.2 90.5 130.5#

79 26.0 8.4 48.4

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



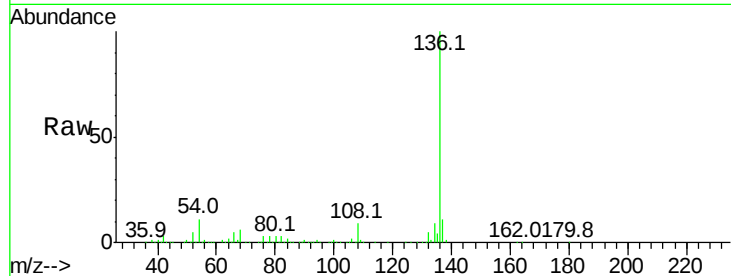


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.67 min Scan# 1018
Delta R.T. -0.02 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

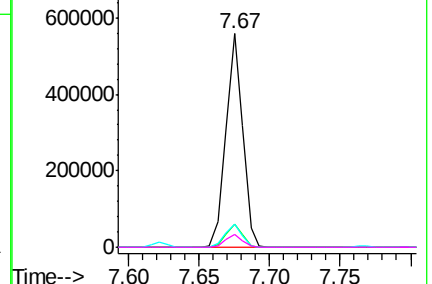
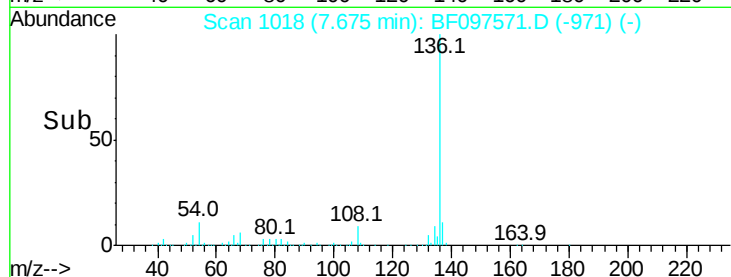
Instrument :
BNA_F
ClientSampleId :
TRAP-ROCK-FINESMS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.7	8.5	12.7	
54	11.0	4.9	7.3	
68	6.1	4.1	6.1	

Manual Integrations
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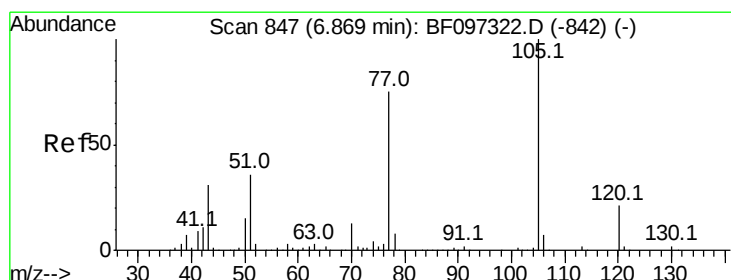


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0



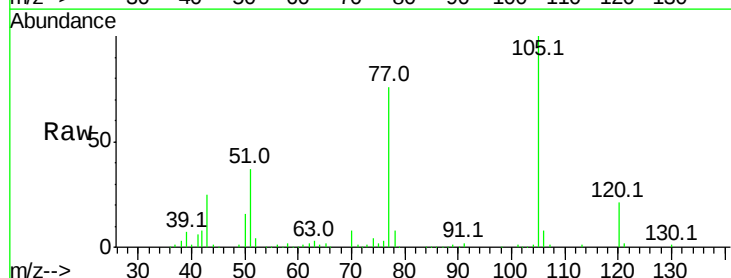
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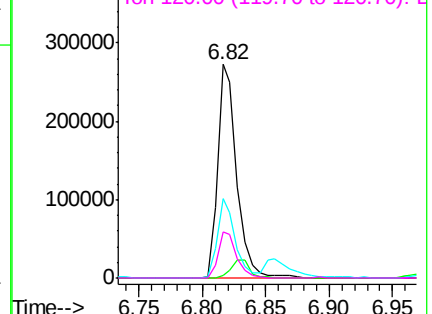
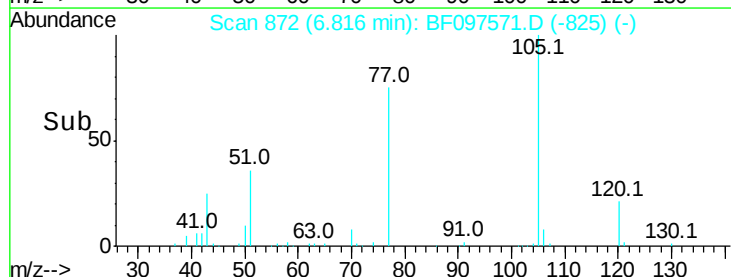


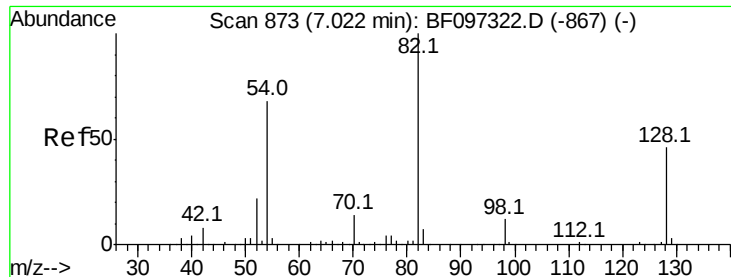
#22
Acetophenone
Concen: 25.996 ng
RT: 6.82 min Scan# 872
Delta R.T. -0.02 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	1.4	2.8	4.2	
51	37.1	30.7	46.1	
120	21.3	17.4	26.0	



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E



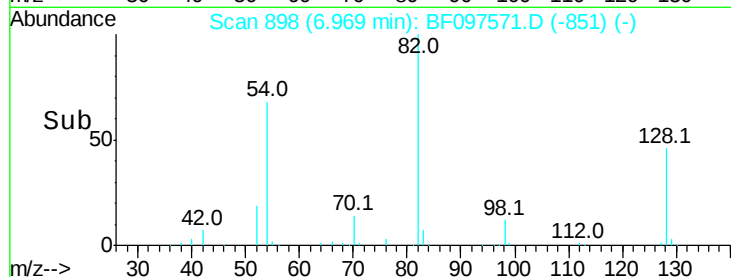
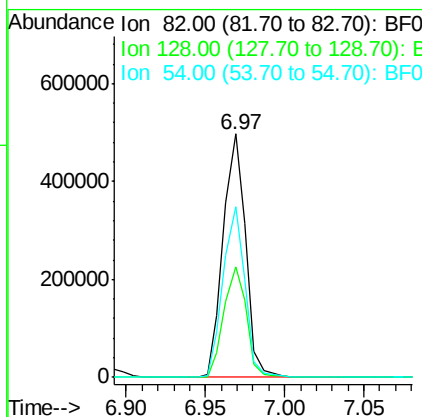
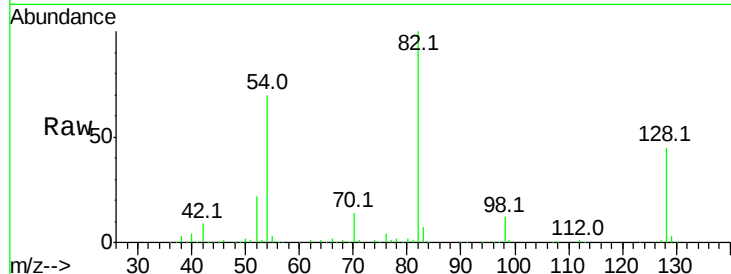


#23
Nitrobenzene-d5
Concen: 62.188 ng
RT: 6.97 min Scan# 898
Delta R.T. -0.02 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

Instrument :
BNA_F
ClientSampleId :
TRAP-ROCK-FINESMS

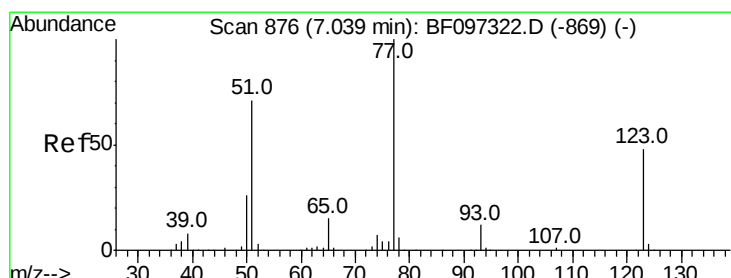
Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.5	34.0	51.0	
54	69.8	42.2	63.2	

Manual Integrations
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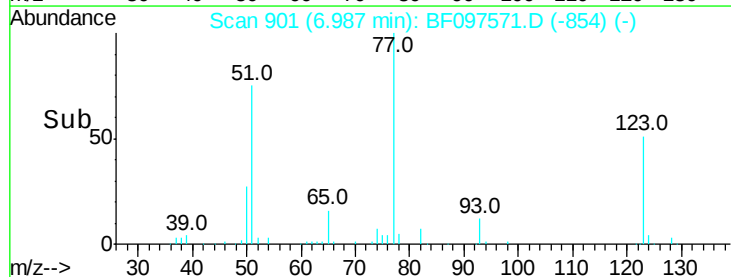
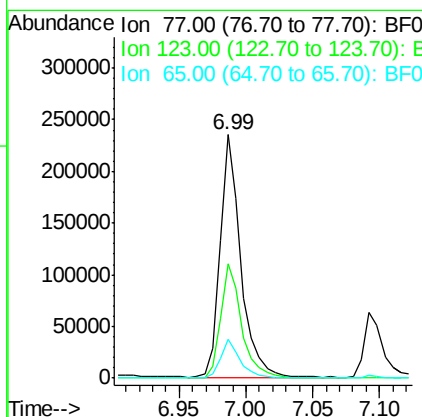
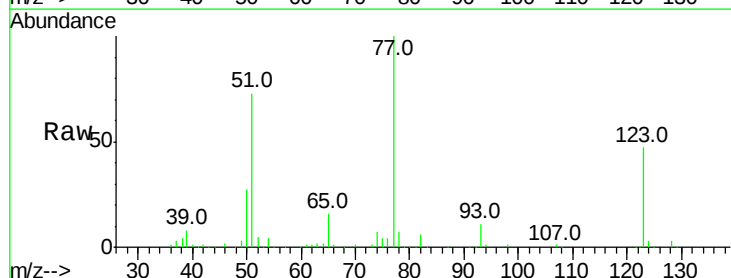
sohil

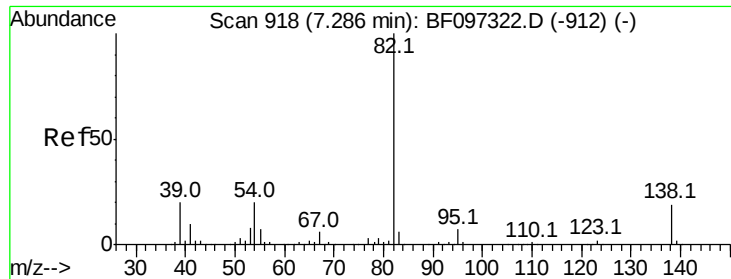
8/14/2017 6:34:10 PM



#24
Nitrobenzene
Concen: 31.614 ng
RT: 6.99 min Scan# 901
Delta R.T. -0.02 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	47.0	35.8	53.8	
65	15.8	10.6	15.8	





#25

Isophorone

Concen: 29.082 ng

RT: 7.23 min Scan# 943

Delta R.T. -0.02 min

Lab File: BF097571.D

Acq: 10 Aug 2017 21:23

Instrument :

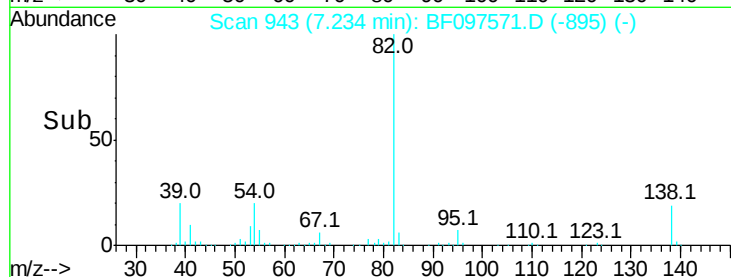
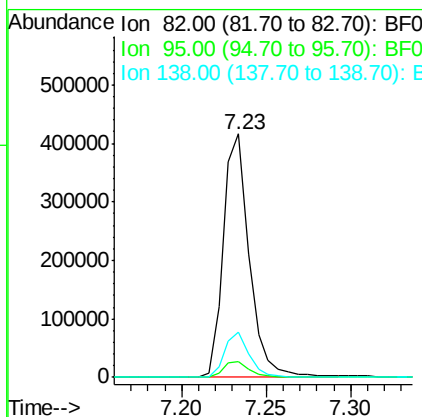
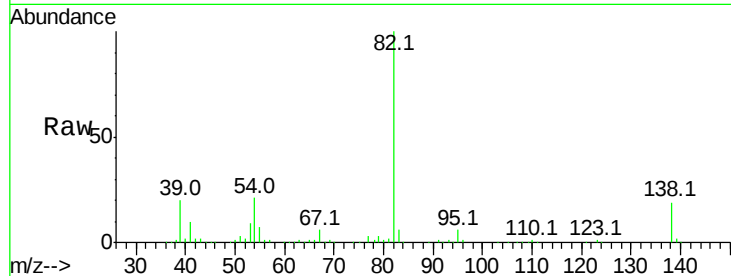
BNA_F

ClientSampleId :

TRAP-ROCK-FINESMS

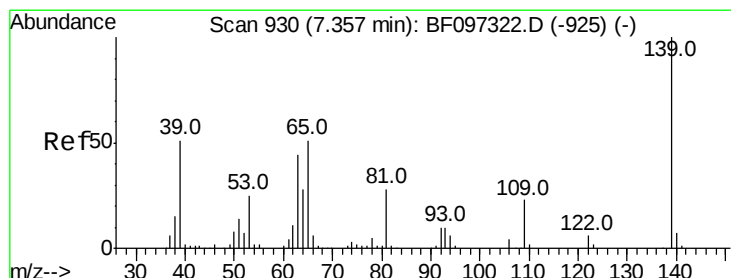
Tot Ion:	82	Resp:	448105
Ion Ratio		Lower	Upper
82	100		
95	6.4	5.3	7.9
138	18.8	13.1	19.7

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#26

2-Nitrophenol

Concen: 29.999 ng

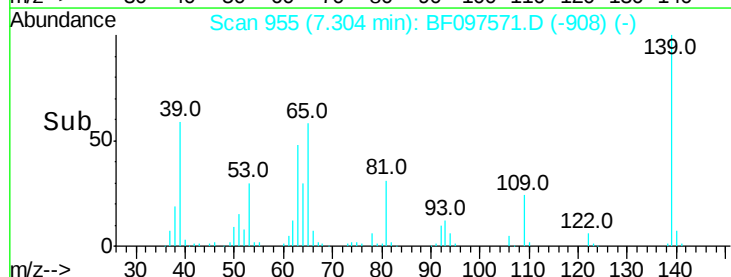
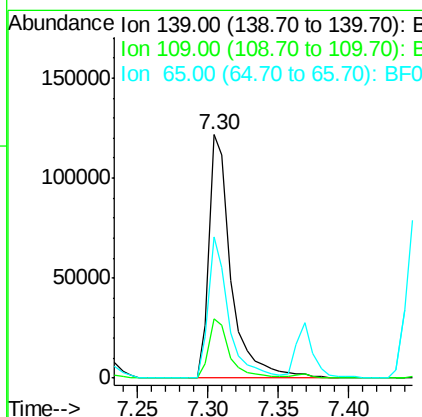
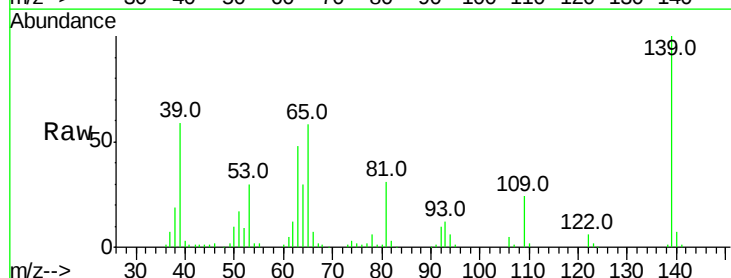
RT: 7.30 min Scan# 955

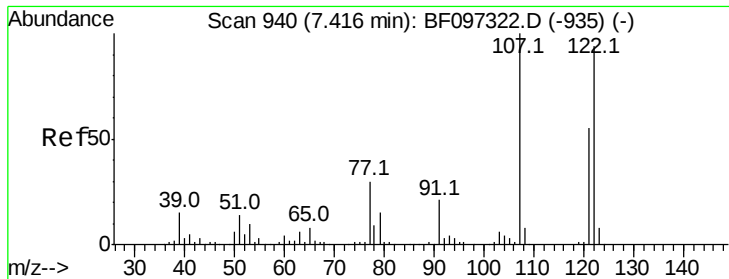
Delta R.T. -0.02 min

Lab File: BF097571.D

Acq: 10 Aug 2017 21:23

Tgt Ion:	139	Resp:	132992
Ion Ratio		Lower	Upper
139	100		
109	24.1	21.0	31.6
65	58.1	33.0	49.6#





#27

2,4-Dimethylphenol

Concen: 30.034 ng

RT: 7.37 min Scan# 966

Delta R.T. -0.02 min

Lab File: BF097571.D

Acq: 10 Aug 2017 21:23

Instrument :

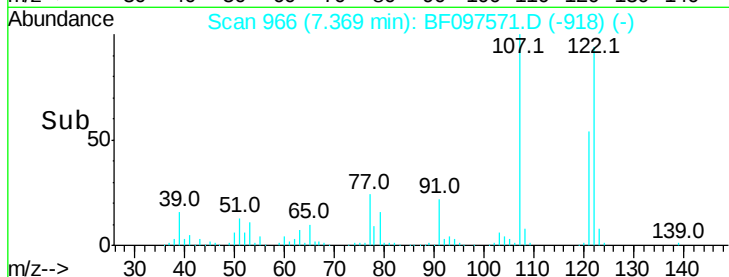
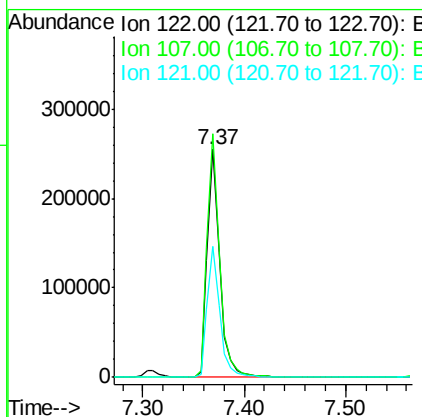
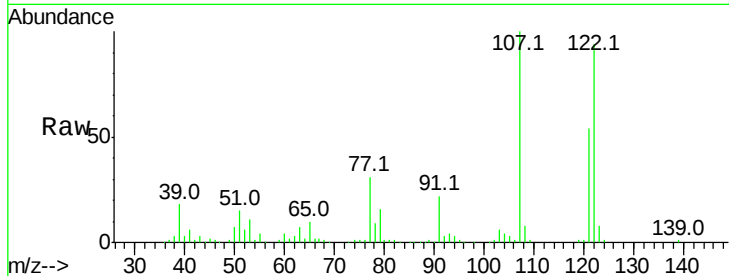
BNA_F

ClientSampleId :

TRAP-ROCK-FINESMS

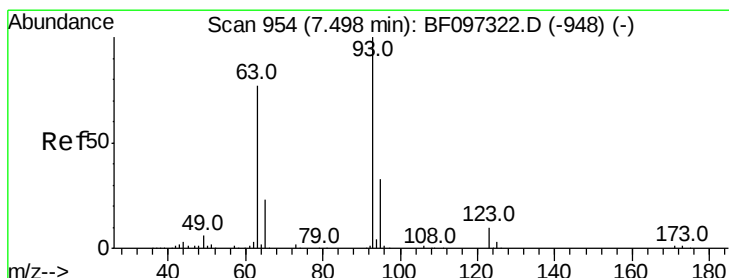
Tot Ion:	122	Resp:	219639
Ion Ratio	Lower	Upper	
122	100		
107	106.9	89.2	133.8
121	57.3	45.2	67.8

Manual Integrations
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#28

bis(2-Chloroethoxy)methane

Concen: 30.248 ng

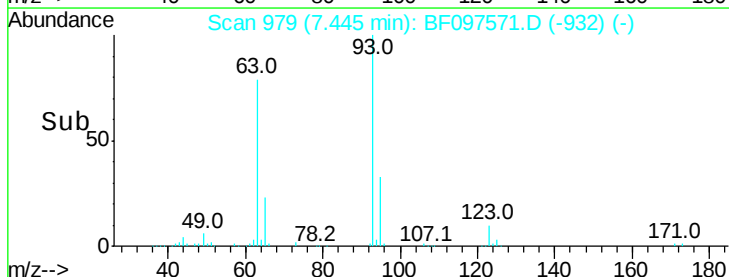
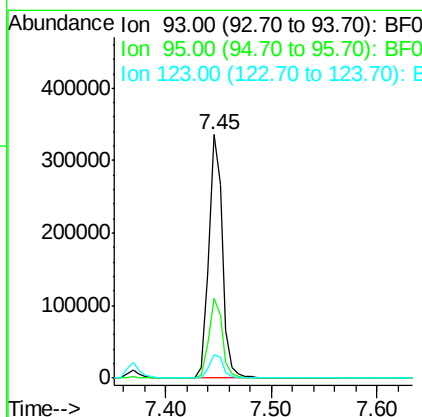
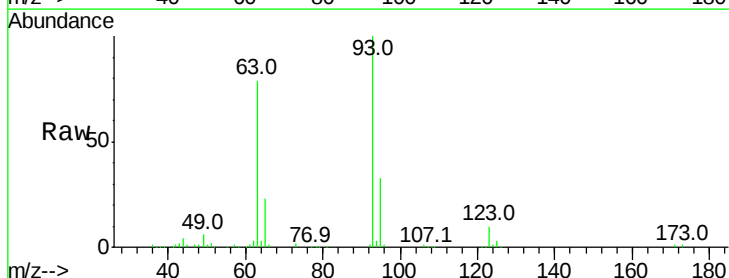
RT: 7.45 min Scan# 979

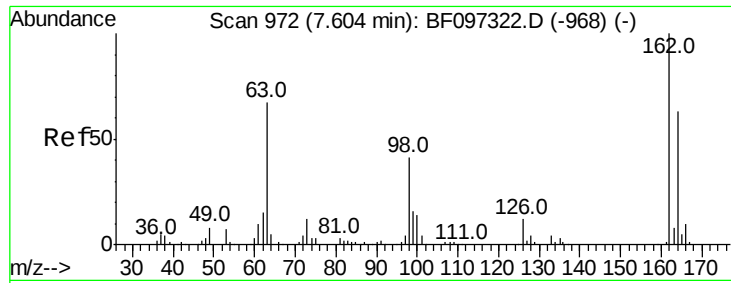
Delta R.T. -0.02 min

Lab File: BF097571.D

Acq: 10 Aug 2017 21:23

Tgt Ion:	93	Resp:	304151
Ion Ratio	Lower	Upper	
93	100		
95	32.8	26.5	39.7
123	9.9	9.0	13.4



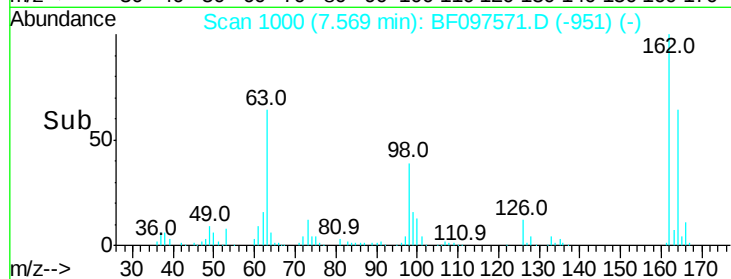
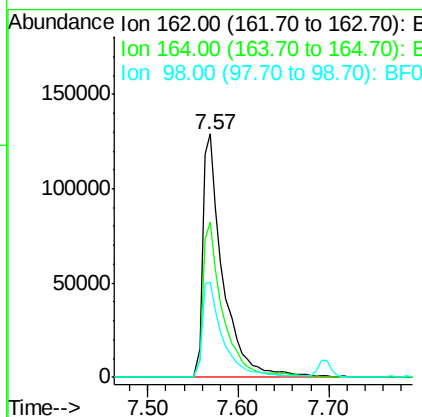
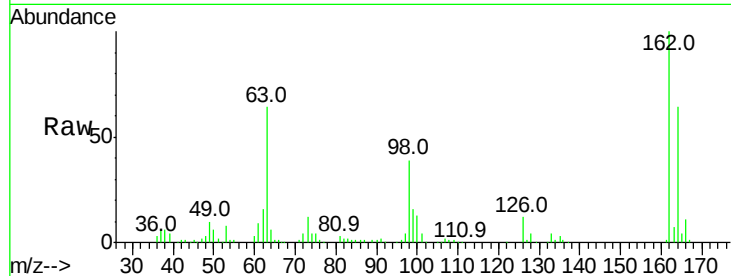


#29
2,4-Dichlorophenol
Concen: 31.707 ng
RT: 7.57 min Scan# 1000
Delta R.T. -0.01 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

Instrument :
BNA_F
ClientSampleId :
TRAP-ROCK-FINESMS

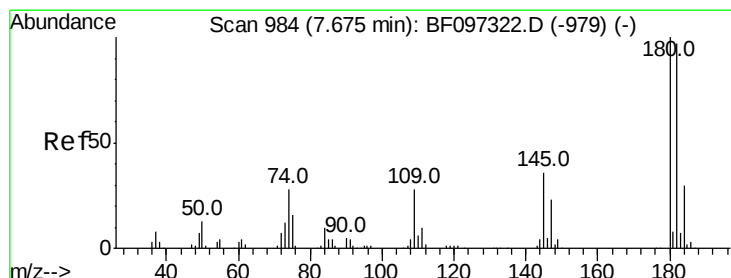
Tot Ion:	162	Resp:	199757
Ion Ratio	Lower	Upper	
162	100		
164	64.0	44.6	84.6
98	39.0	14.8	54.8

Manual Integrations
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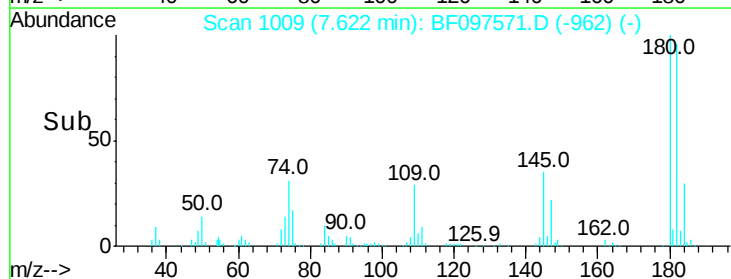
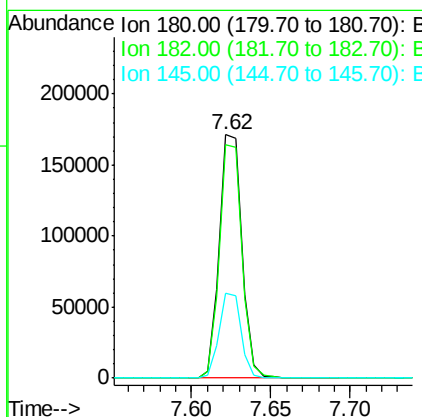
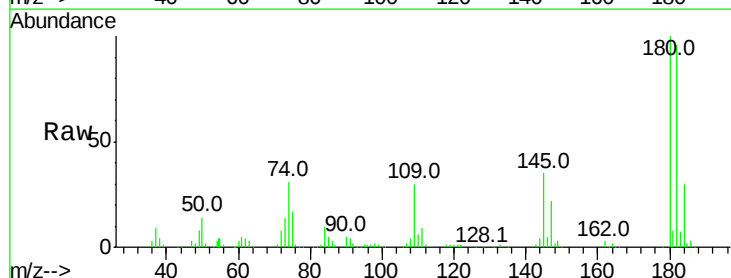
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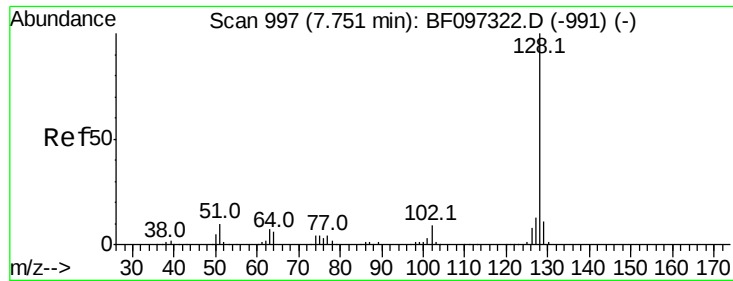
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#30
1,2,4-Trichlorobenzene
Concen: 28.213 ng
RT: 7.62 min Scan# 1009
Delta R.T. -0.02 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

Tgt Ion:	180	Resp:	169420
Ion Ratio	Lower	Upper	
180	100		
182	95.6	75.8	113.6
145	35.0	25.3	37.9



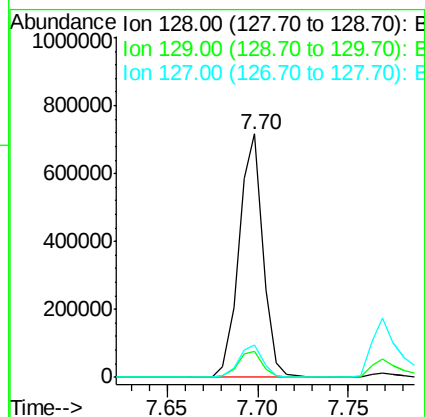
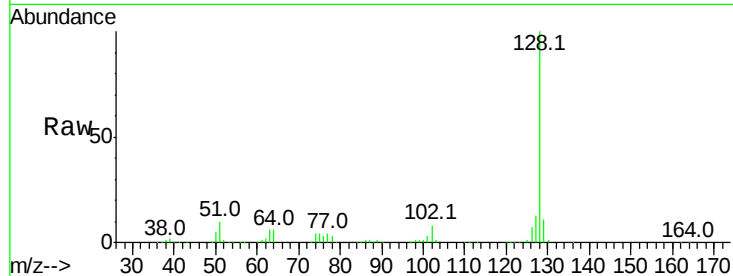


#31
Naphthalene
Concen: 30.274 ng
RT: 7.70 min Scan# 1022
Delta R.T. -0.02 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

Instrument :
BNA_F
ClientSampleId :
TRAP-ROCK-FINESMS

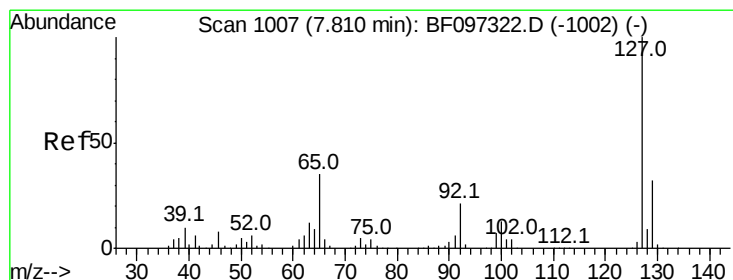
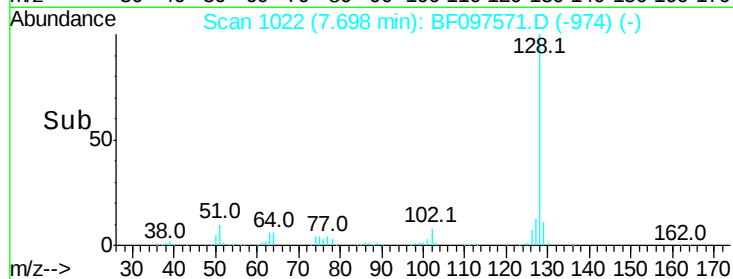
Tot Ion:128	Resp:	658702
Ion Ratio	Lower	Upper
128 100		
129 10.9	9.0	13.6
127 13.3	10.8	16.2

Manual Integrations
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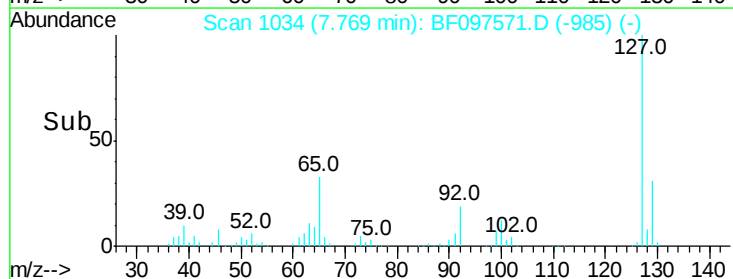
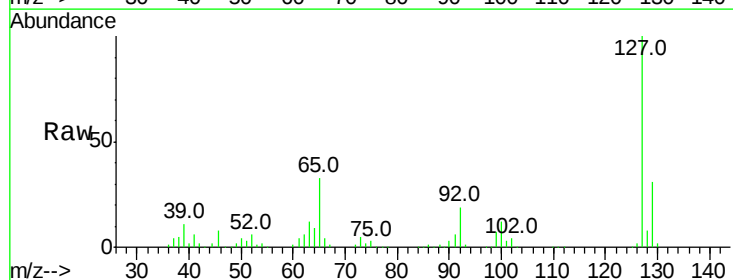
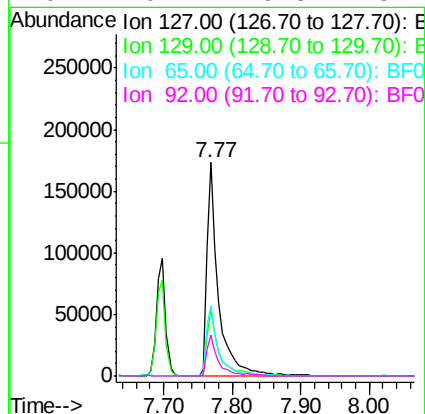
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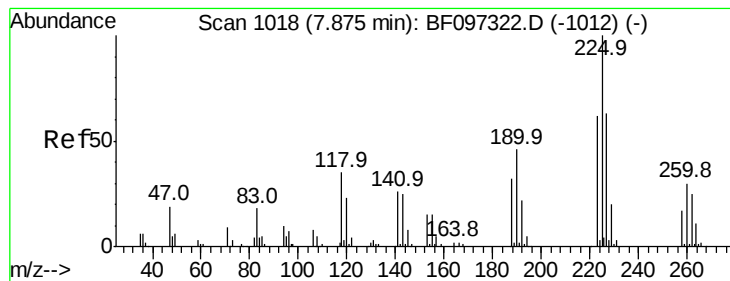
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#33
4-Chloroaniline
Concen: 23.427 ng
RT: 7.77 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

Tgt Ion:127	Resp:	207407
Ion Ratio	Lower	Upper
127 100		
129 31.2	26.2	39.2
65 33.2	27.8	41.8
92 19.2	16.8	25.2



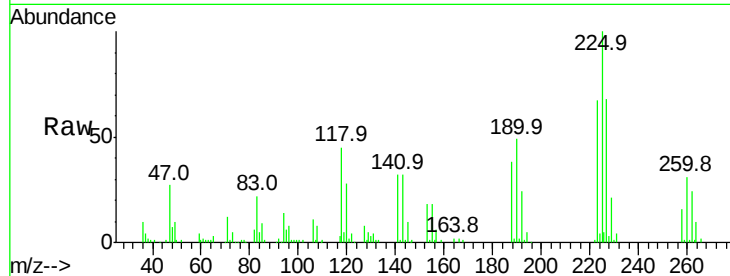


#34
 Hexachlorobutadiene
 Concen: 26.470 ng
 RT: 7.82 min Scan# 1042
 Delta R.T. -0.02 min
 Lab File: BF097571.D
 Acq: 10 Aug 2017 21:23

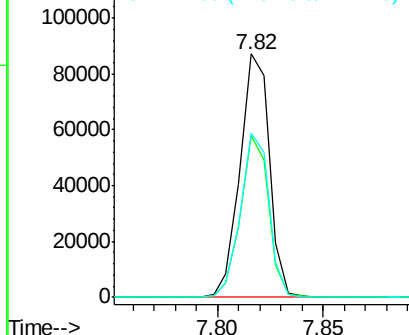
Instrument :
 BNA_F
 ClientSampleId :
 TRAP-ROCK-FINESMS

Tot Ion:	225	Resp:	84269
Ion Ratio	Lower	Upper	
225	100		
223	66.5	48.8	73.2
227	67.6	51.1	76.7

Manual Integrations
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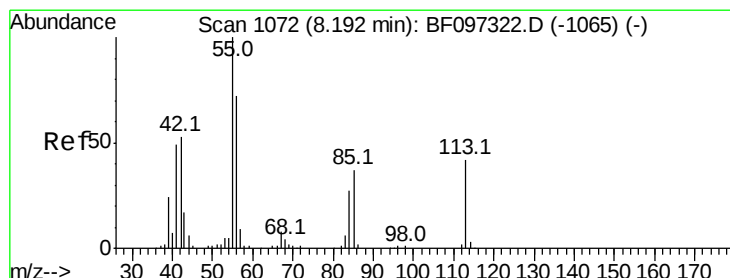
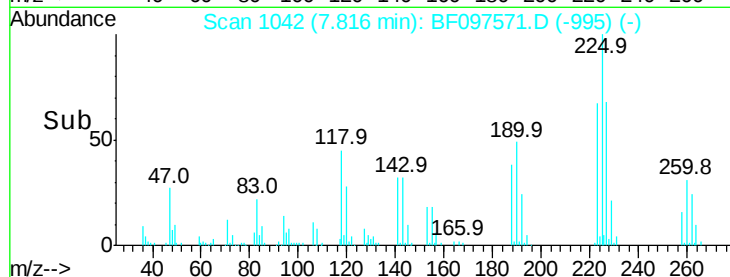


Abundance Ion 225.00 (224.70 to 225.70): E
 Ion 223.00 (222.70 to 223.70): E
 Ion 227.00 (226.70 to 227.70): E



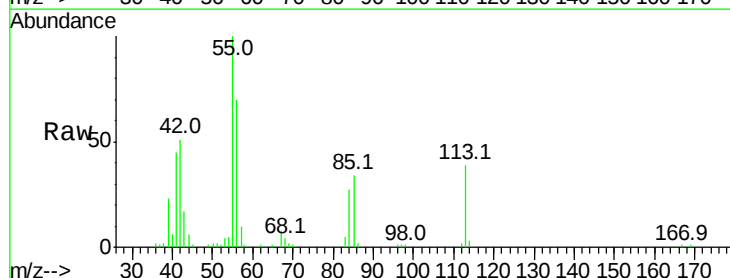
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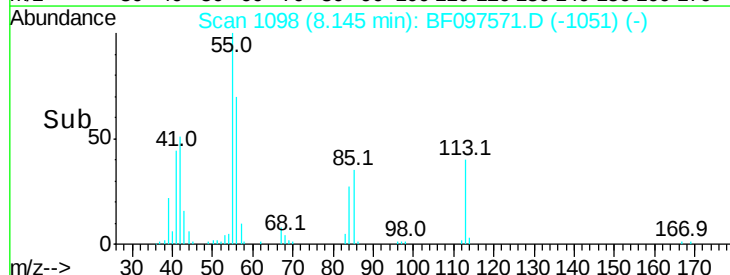
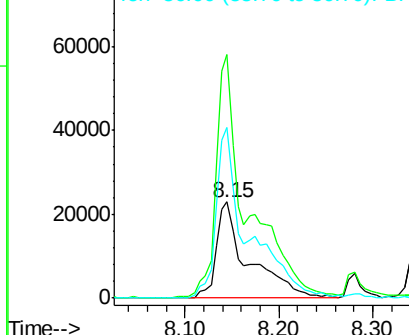


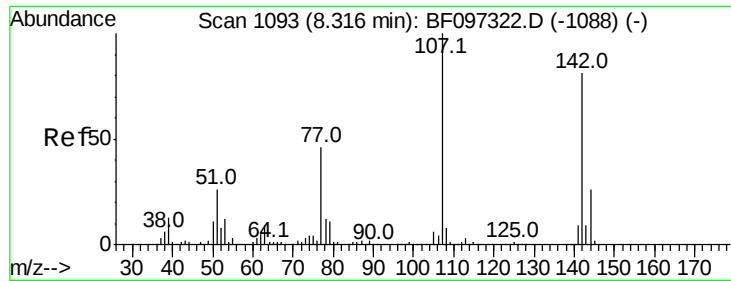
#35
 Caprolactam
 Concen: 27.069 ng
 RT: 8.15 min Scan# 1098
 Delta R.T. -0.02 min
 Lab File: BF097571.D
 Acq: 10 Aug 2017 21:23

Tgt Ion:	113	Resp:	54684
Ion Ratio	Lower	Upper	
113	100		
55	253.2	150.2	190.2#
56	177.0	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



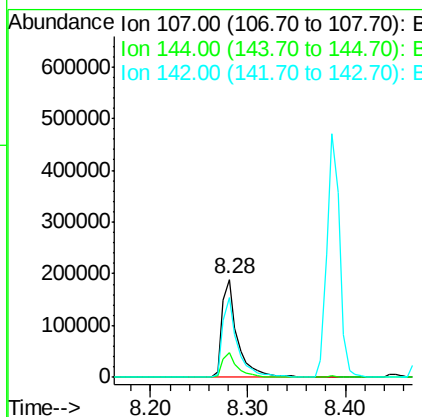
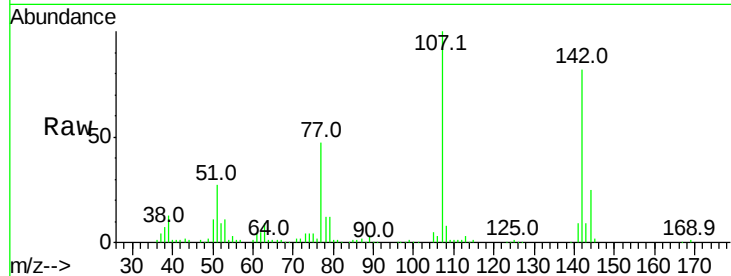


#36
 4-Chloro-3-methylphenol
 Concen: 30.191 ng
 RT: 8.28 min Scan# 1121
 Delta R.T. -0.01 min
 Lab File: BF097571.D
 Acq: 10 Aug 2017 21:23

Instrument :
 BNA_F
 ClientSampleId :
 TRAP-ROCK-FINESMS

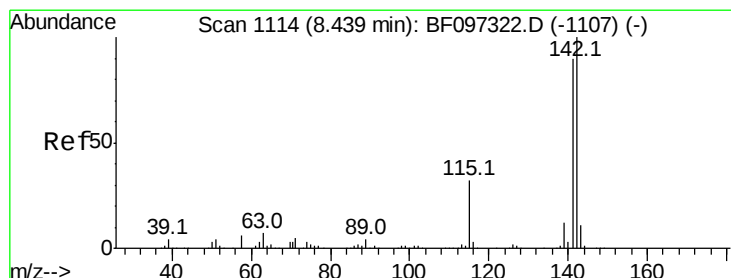
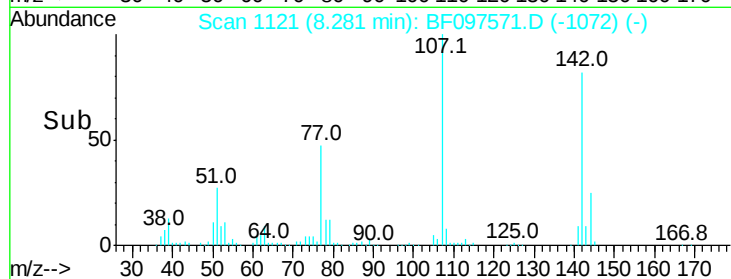
Tot Ion	Ratio	Lower	Upper
107	100		
144	25.5	24.2	36.4
142	82.2	73.4	110.0

Manual Integrations
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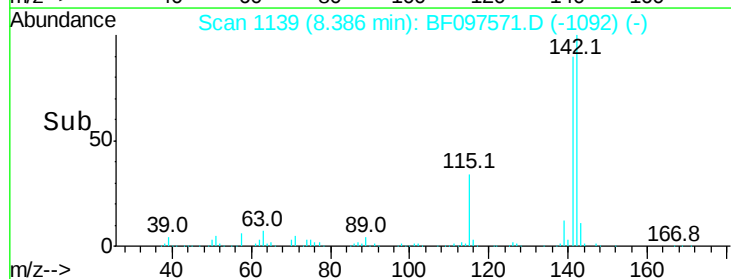
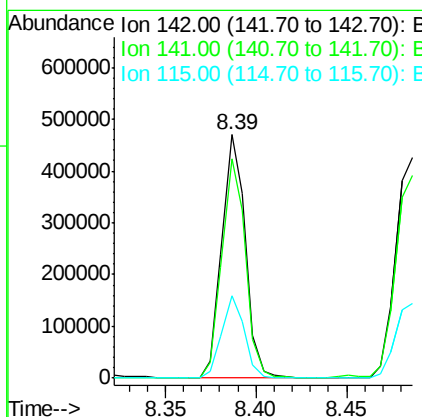
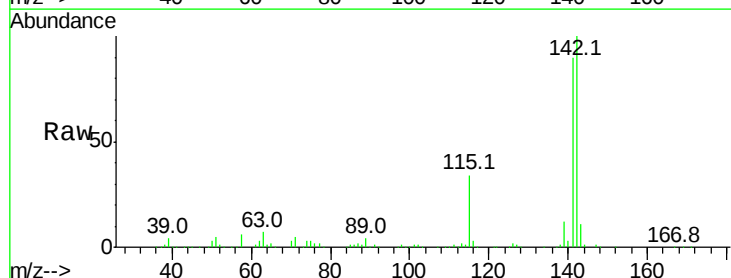
sohil

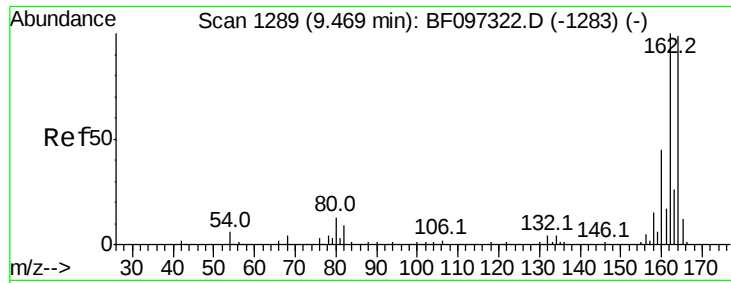
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#37
 2-Methylnaphthalene
 Concen: 30.881 ng
 RT: 8.39 min Scan# 1139
 Delta R.T. -0.02 min
 Lab File: BF097571.D
 Acq: 10 Aug 2017 21:23

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.0	71.3	106.9
115	33.6	27.1	40.7



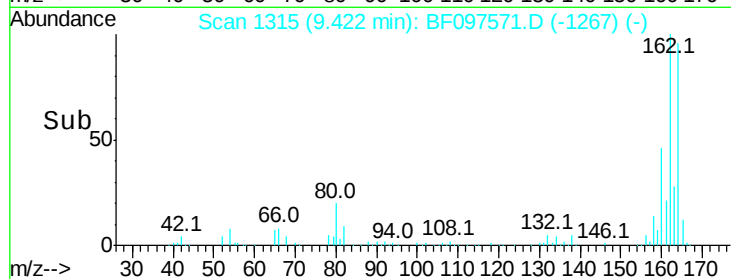
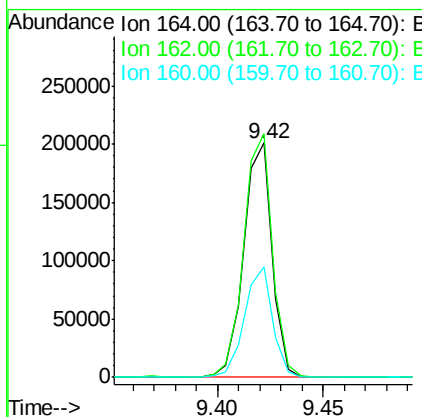
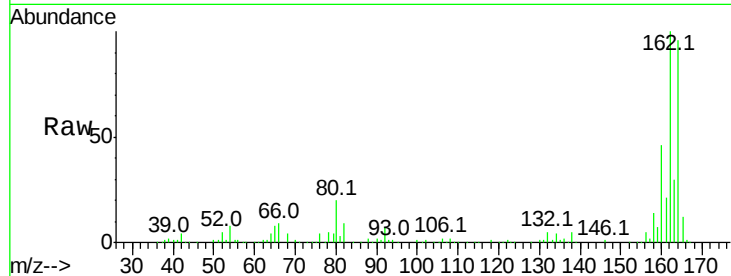


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.42 min Scan# 1315
Delta R.T. -0.02 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

Instrument :
BNA_F
ClientSampleId :
TRAP-ROCK-FINESMS

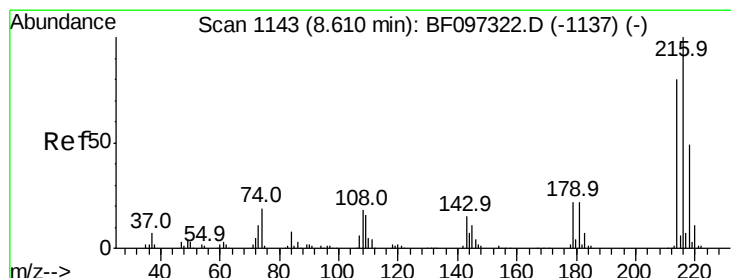
Tot Ion	Ratio	Lower	Upper
164	100		
162	103.9	82.6	123.8
160	47.3	36.2	54.2

Manual Integrations
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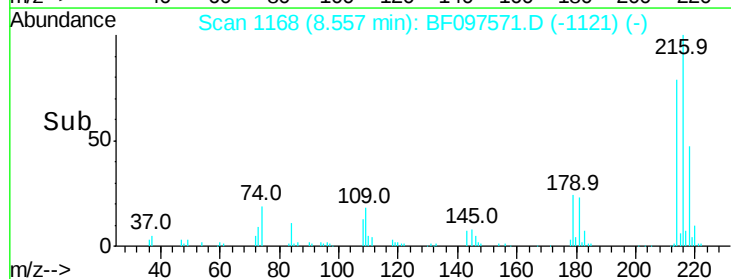
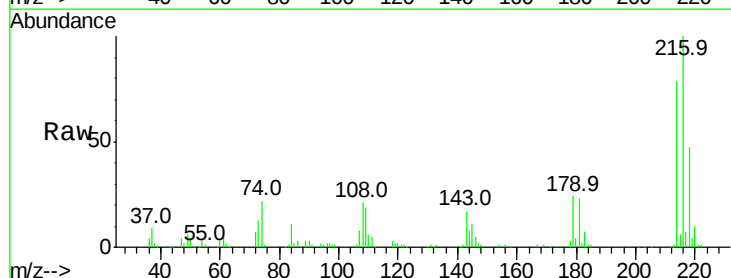
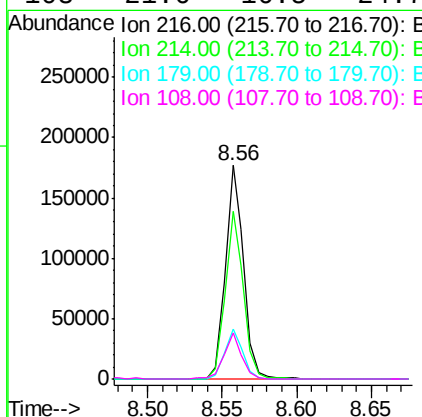
sohil

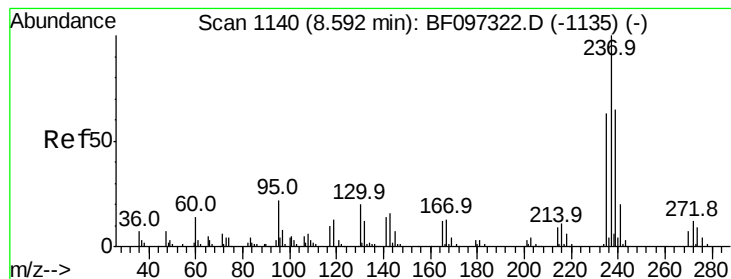
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#39
1,2,4,5-Tetrachlorobenzene
Concen: 30.545 ng
RT: 8.56 min Scan# 1168
Delta R.T. -0.02 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.4	63.4	95.2
179	23.1	17.9	26.9
108	21.6	16.5	24.7





#40

Hexachlorocyclopentadiene

Concen: 17.784 ng

RT: 8.54 min Scan# 1165

Delta R.T. -0.02 min

Lab File: BF097571.D

Acq: 10 Aug 2017 21:23

Instrument :

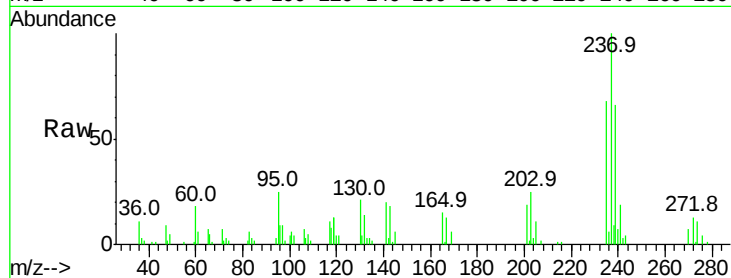
BNA_F

ClientSampleId :

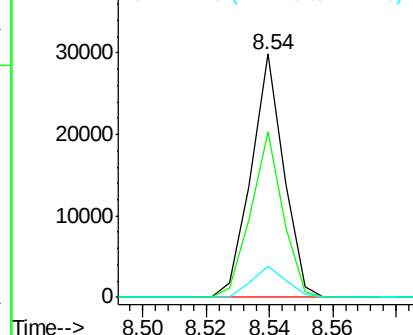
TRAP-ROCK-FINESMS

Tot Ion:	237	Resp:	21314
Ion Ratio	Lower	Upper	
237	100		
235	67.8	42.6	82.6
272	12.7	0.0	31.9

Manual Integrations
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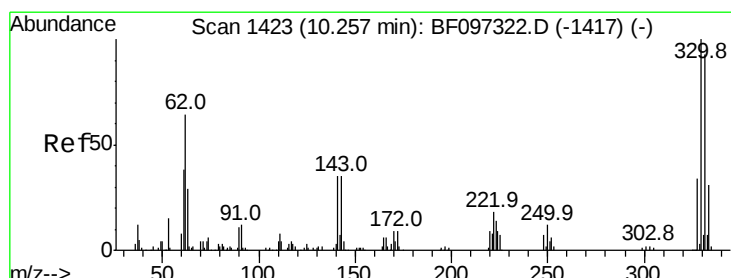
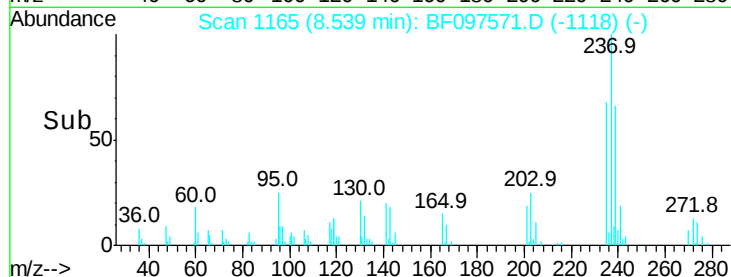


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



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#41

2,4,6-Tribromophenol

Concen: 90.637 ng

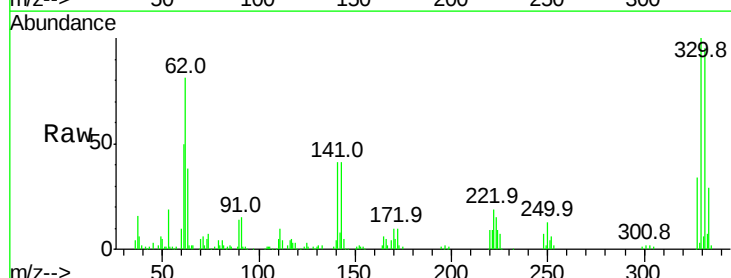
RT: 10.21 min Scan# 1449

Delta R.T. -0.02 min

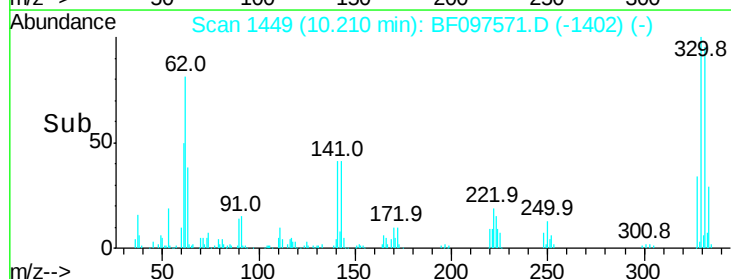
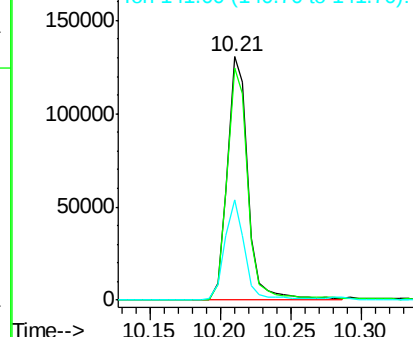
Lab File: BF097571.D

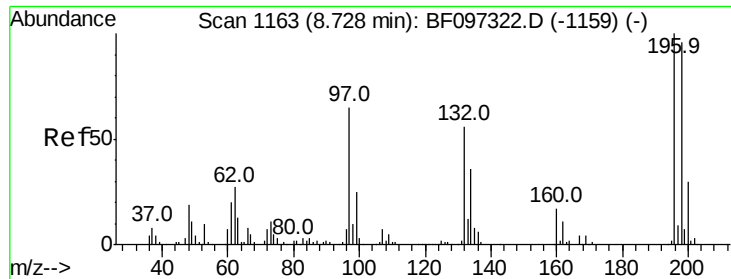
Acq: 10 Aug 2017 21:23

Tgt Ion:	330	Resp:	134108
Ion Ratio	Lower	Upper	
330	100		
332	98.0	76.6	115.0
141	39.6	31.4	47.2



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



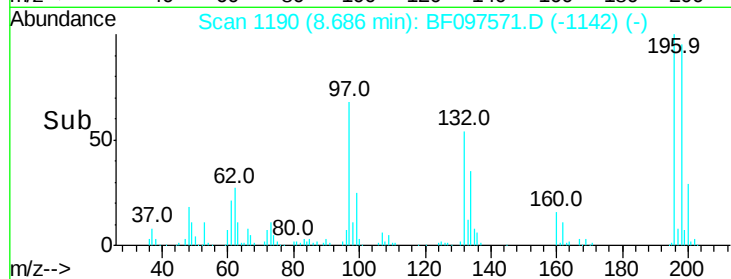
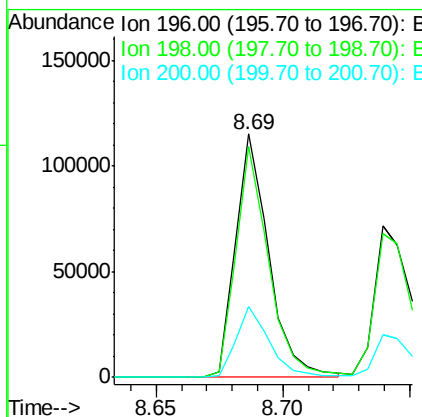
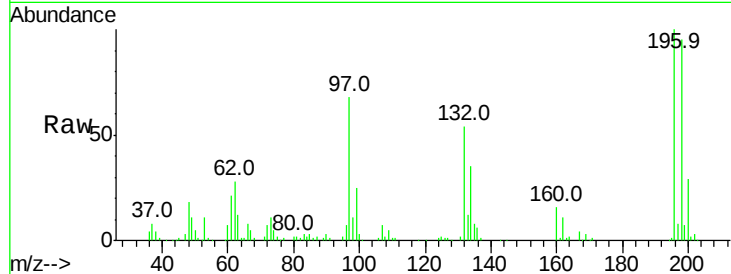


#42
 2,4,6-Trichlorophenol
 Concen: 28.862 ng
 RT: 8.69 min Scan# 1190
 Delta R.T. -0.02 min
 Lab File: BF097571.D
 Acq: 10 Aug 2017 21:23

Instrument :
 BNA_F
 ClientSampleId :
 TRAP-ROCK-FINESMS

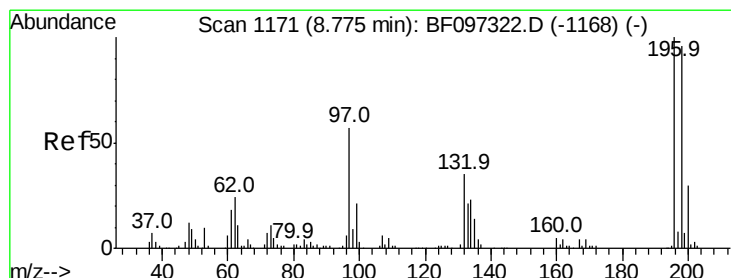
Tot Ion	196	Resp	104512
Ion Ratio	Lower	Upper	
196	100		
198	95.0	74.2	111.4
200	29.1	24.0	36.0

Manual Integrations
 APPROVED



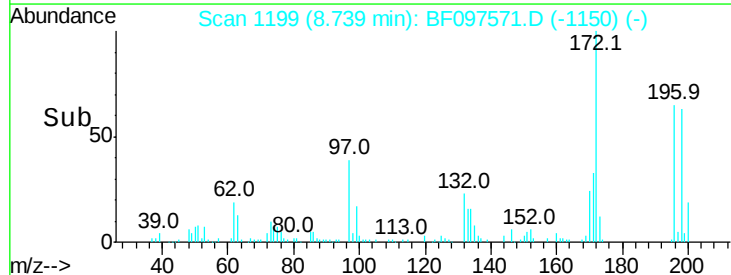
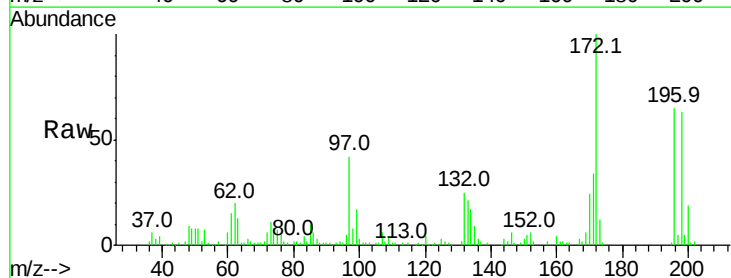
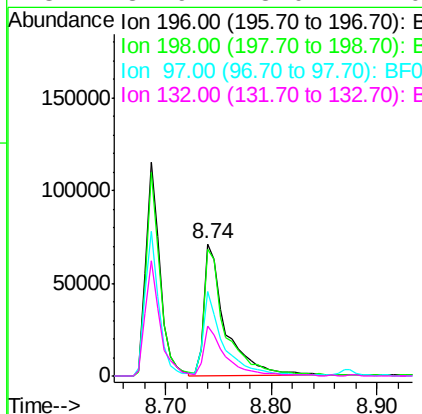
sohil

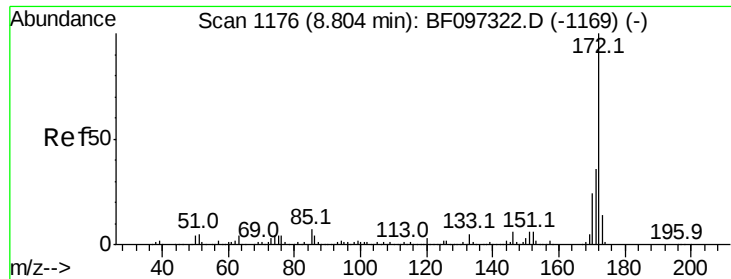
8/14/2017 6:34:10 PM



#43
 2,4,5-Trichlorophenol
 Concen: 27.621 ng
 RT: 8.74 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF097571.D
 Acq: 10 Aug 2017 21:23

Tgt Ion	196	Resp	100109
Ion Ratio	Lower	Upper	
196	100		
198	95.7	75.7	113.5
97	64.0	47.7	71.5
132	37.9	28.0	42.0



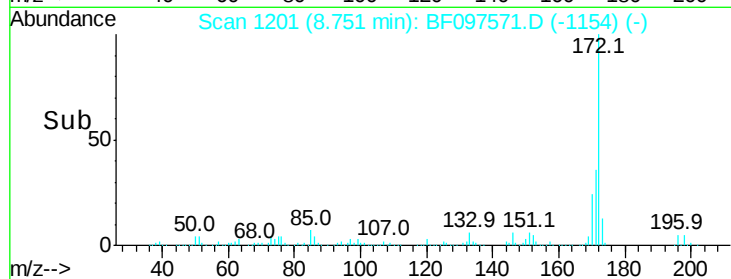
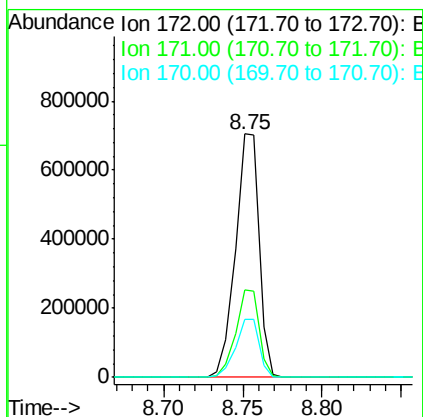
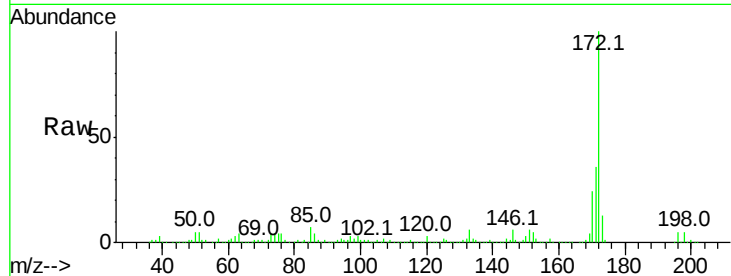


#44
2-Fluorobiphenyl
Concen: 65.996 ng
RT: 8.75 min Scan# 1201
Delta R.T. -0.02 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

Instrument :
BNA_F
ClientSampleId :
TRAP-ROCK-FINESMS

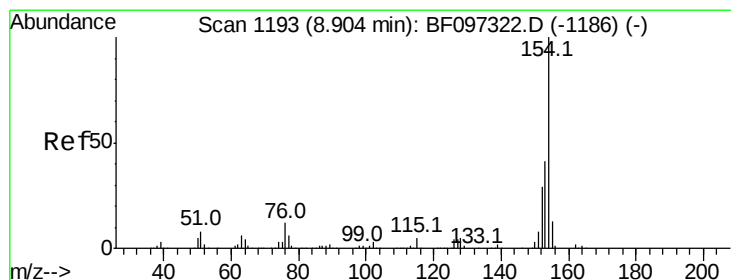
Tot Ion	Ratio	Resp	Lower	Upper
172	100	728251		
171	36.0		29.6	44.4
170	23.9		19.8	29.8

Manual Integrations
APPROVED



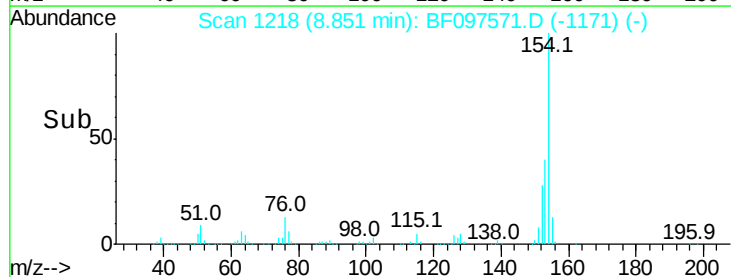
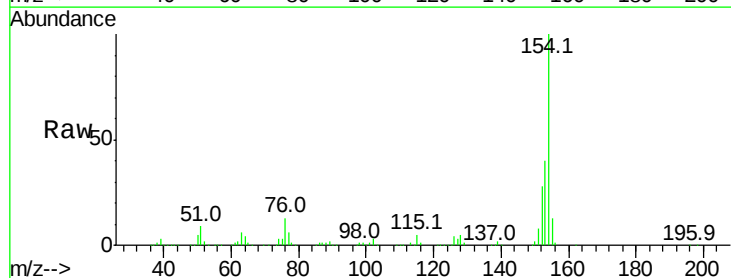
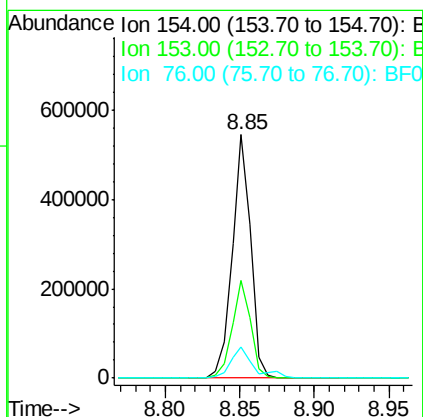
sohil

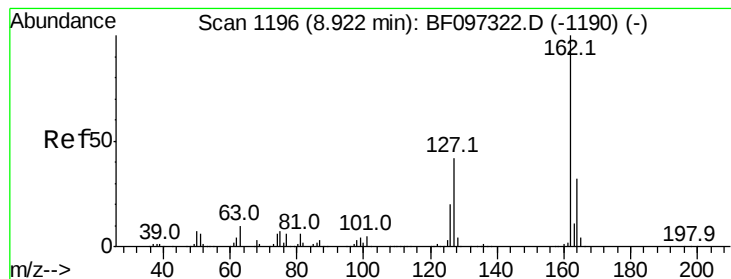
8/14/2017 6:34:10 PM



#45
1,1'-Biphenyl
Concen: 29.804 ng
RT: 8.85 min Scan# 1218
Delta R.T. -0.02 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	476725		
153	40.2		21.2	61.2
76	12.9		0.0	29.9



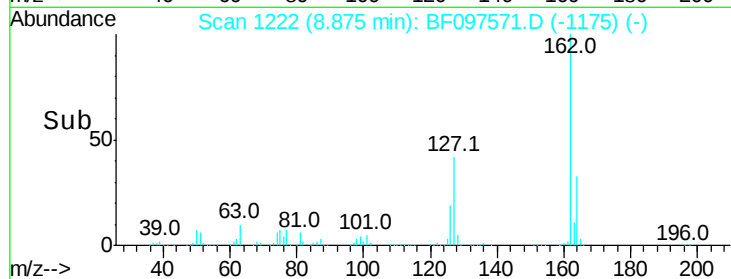
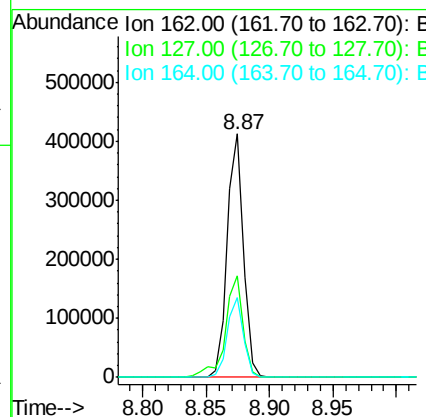
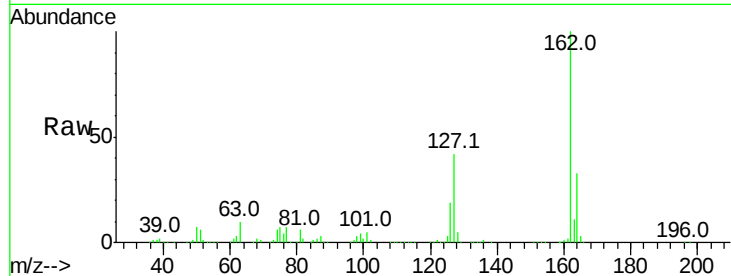


#46
2-Chloronaphthalene
Concen: 31.388 ng
RT: 8.87 min Scan# 1222
Delta R.T. -0.02 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

Instrument :
BNA_F
ClientSampleId :
TRAP-ROCK-FINESMS

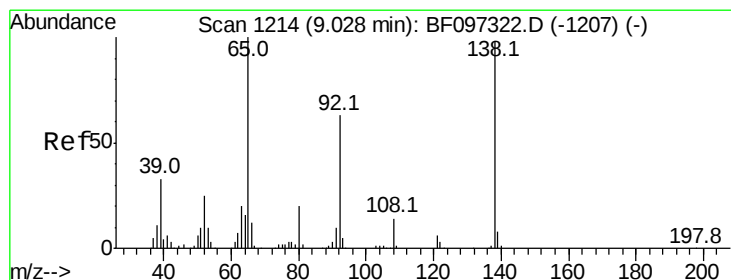
Tot Ion	Ratio	Resp	Lower	Upper
162	100	369460		
127	41.7	28.3	42.5	
164	33.0	27.0	40.4	

Manual Integrations
APPROVED



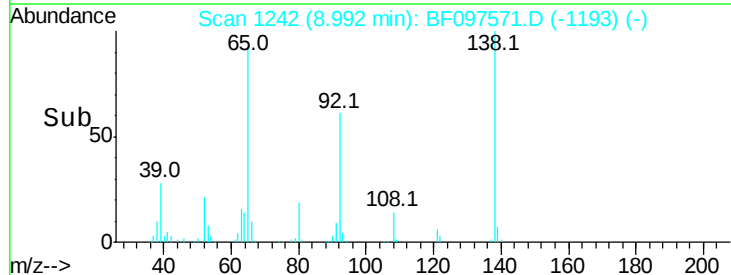
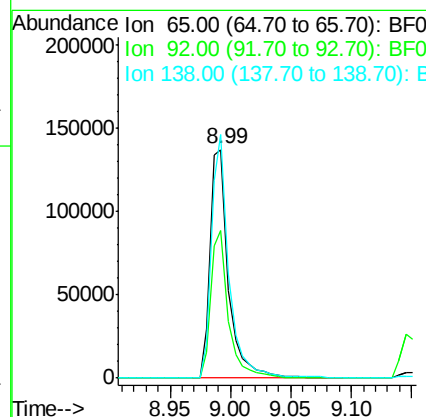
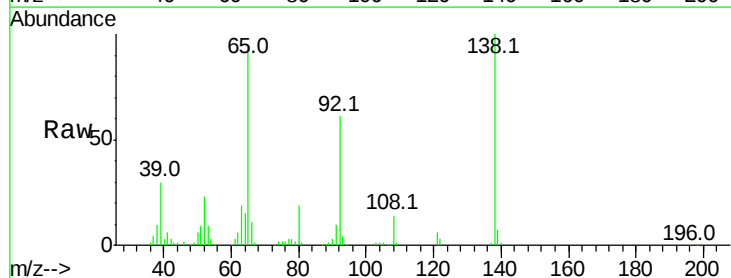
sohil

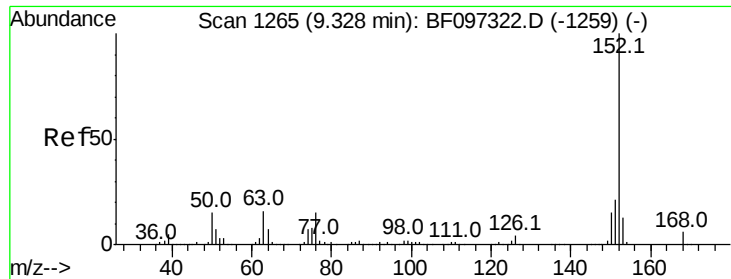
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#47
2-Nitroaniline
Concen: 34.131 ng
RT: 8.99 min Scan# 1242
Delta R.T. -0.01 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	145801		
92	64.9	53.9	80.9	
138	106.6	78.8	118.2	



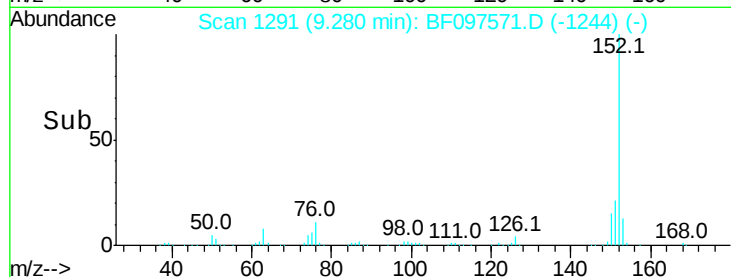
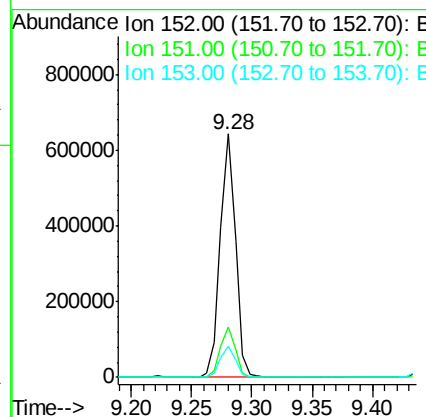
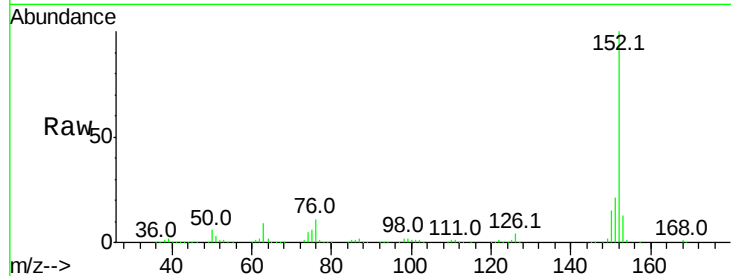


#48
Acenaphthylene
Concen: 30.859 ng
RT: 9.28 min Scan# 1291
Delta R.T. -0.02 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

Instrument :
BNA_F
ClientSampleId :
TRAP-ROCK-FINESMS

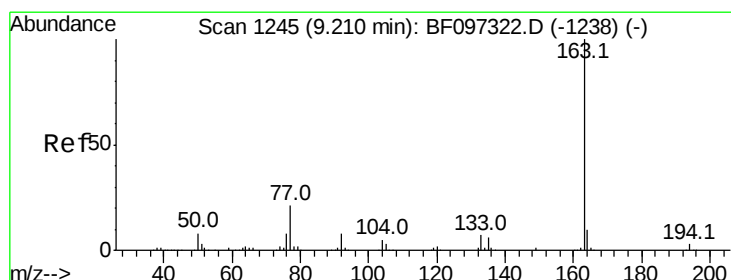
Tot Ion	Ratio	Resp	Lower	Upper
152	100	557539		
151	20.7		16.8	25.2
153	12.7		10.8	16.2

Manual Integrations
APPROVED



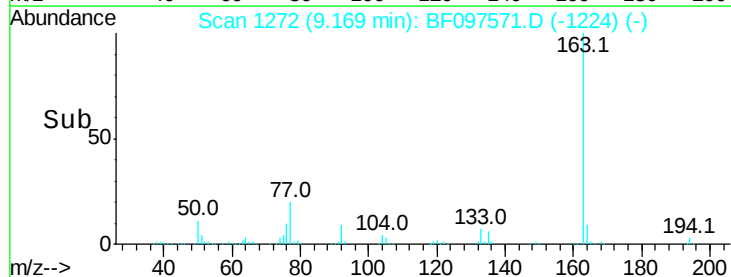
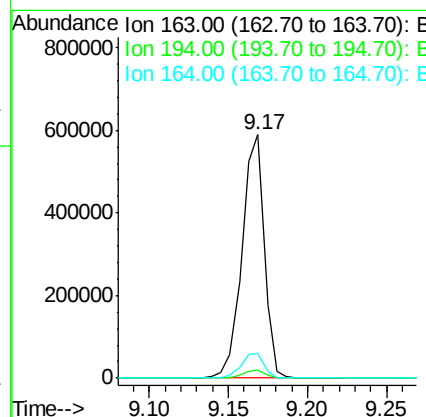
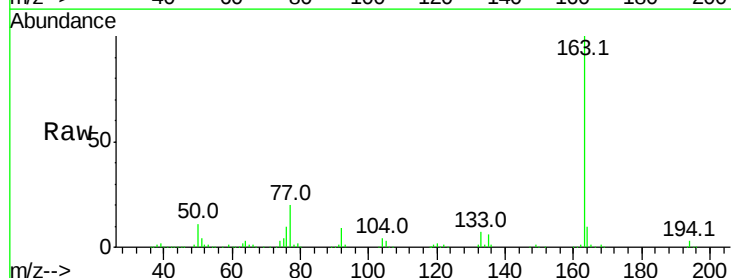
sohil

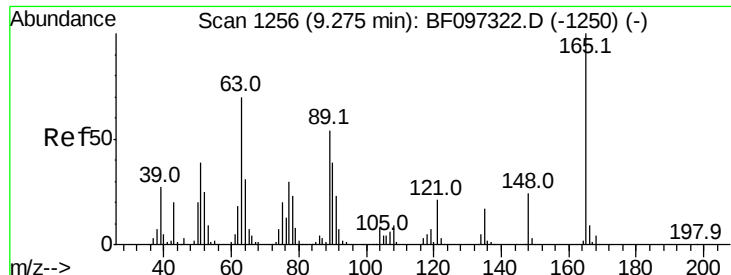
8/14/2017 6:34:10 PM



#49
Dimethylphthalate
Concen: 40.375 ng
RT: 9.17 min Scan# 1272
Delta R.T. -0.02 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	574178		
194	3.2		2.6	4.0
164	10.0		8.4	12.6



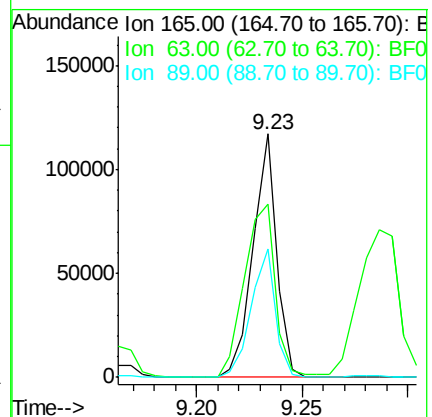
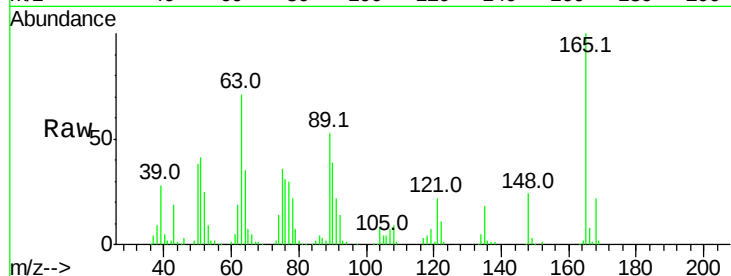


#50
2,6-Dinitrotoluene
Concen: 30.387 ng
RT: 9.23 min Scan# 1283
Delta R.T. -0.02 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

Instrument :
BNA_F
ClientSampleId :
TRAP-ROCK-FINESMS

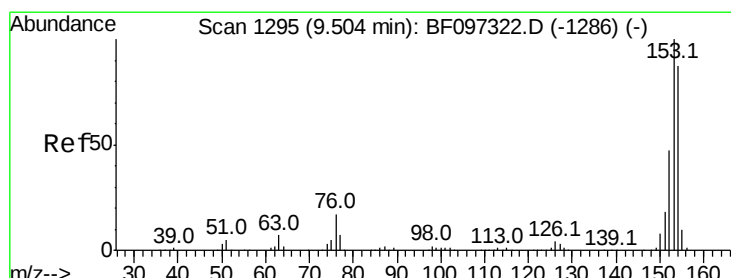
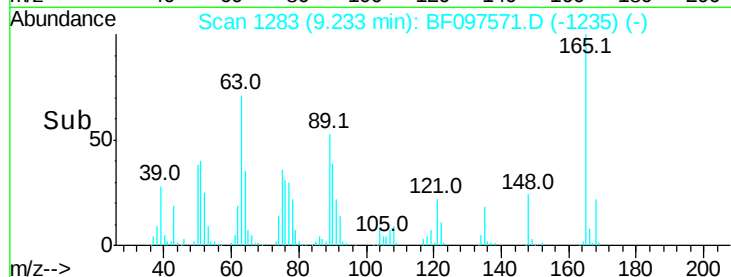
Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	71.2	34.3	51.5#	
89	52.7	37.1	55.7	

Manual Integrations
APPROVED



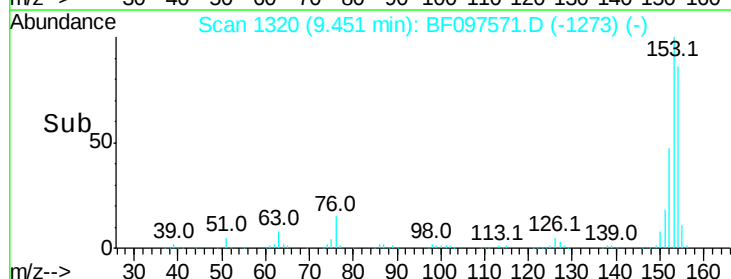
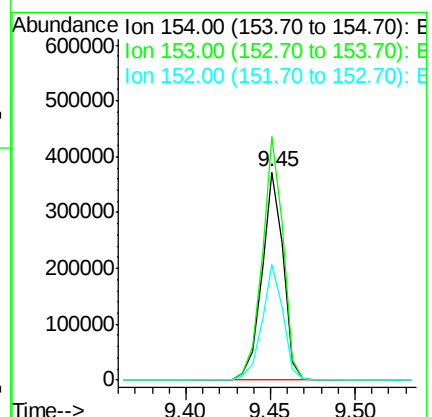
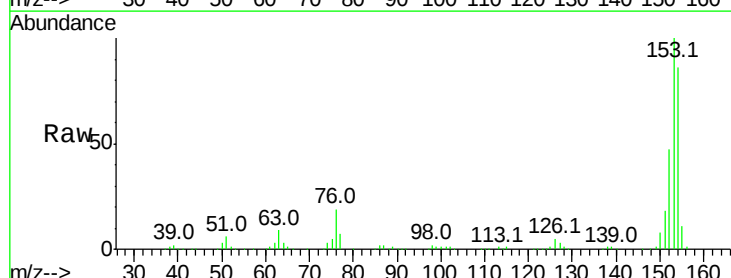
sohil

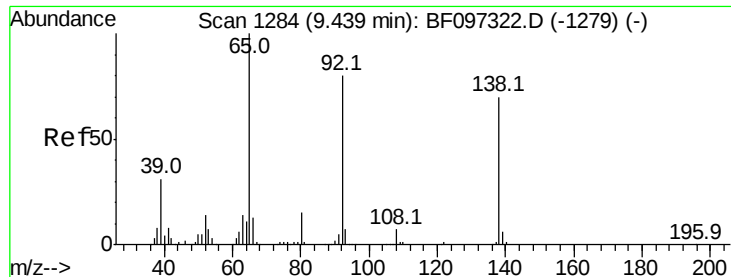
8/14/2017 6:34:10 PM



#51
Acenaphthene
Concen: 30.562 ng
RT: 9.45 min Scan# 1320
Delta R.T. -0.02 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	116.9	90.5	135.7	
152	55.3	43.6	65.4	





#52

3-Nitroaniline

Concen: 26.969 ng

RT: 9.40 min Scan# 1312

Delta R.T. -0.02 min

Lab File: BF097571.D

Acq: 10 Aug 2017 21:23

Instrument :

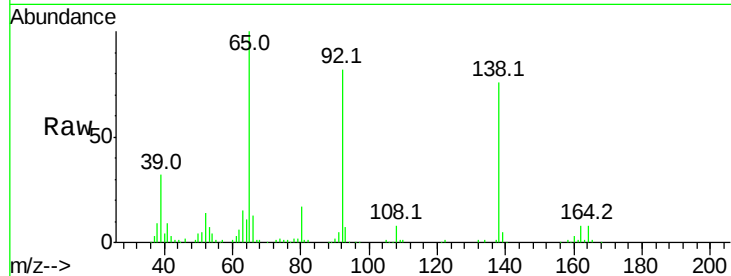
BNA_F

ClientSampleId :

TRAP-ROCK-FINESMS

Tot Ion:138	Resp:	100966
Ion Ratio	Lower	Upper
138	100	
108	10.0	9.1 13.7
92	108.3	93.8 140.6

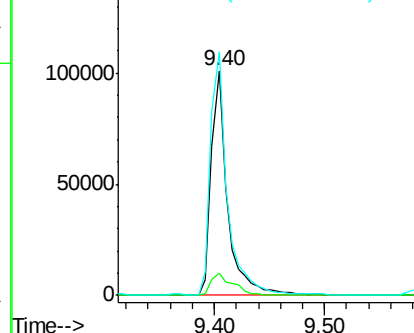
Manual Integrations
APPROVED



Abundance Ion 138.00 (137.70 to 138.70): E

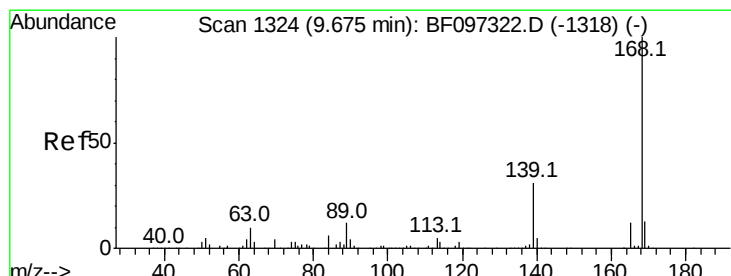
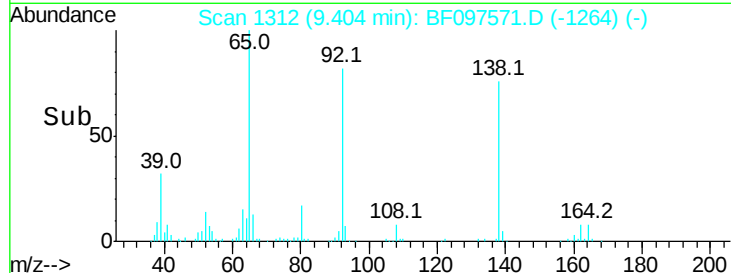
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0



sohil

8/14/2017 6:34:10 PM



#54

Dibenzofuran

Concen: 32.498 ng

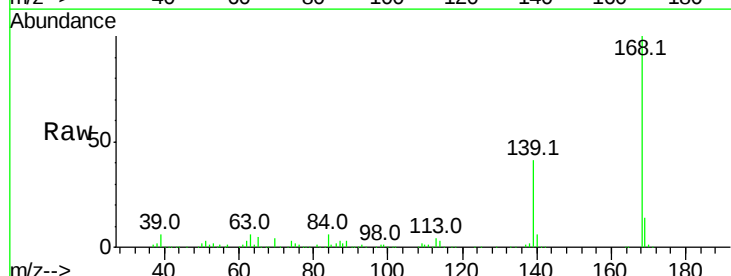
RT: 9.63 min Scan# 1350

Delta R.T. -0.02 min

Lab File: BF097571.D

Acq: 10 Aug 2017 21:23

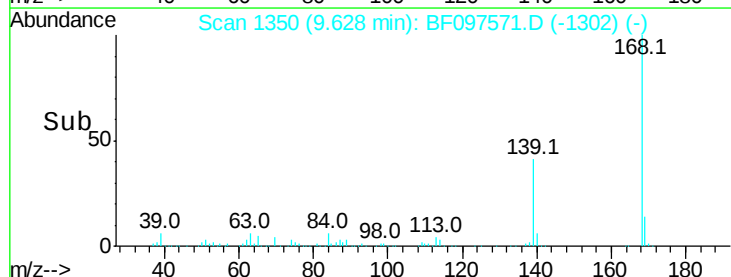
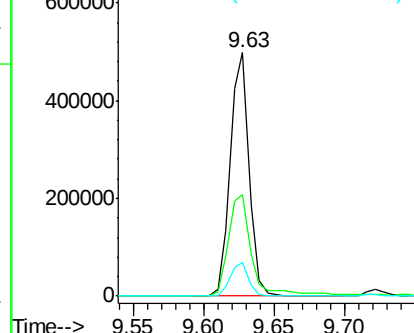
Tgt Ion:168	Resp:	460672
Ion Ratio	Lower	Upper
168	100	
139	41.5	30.6 45.8
169	13.7	10.8 16.2

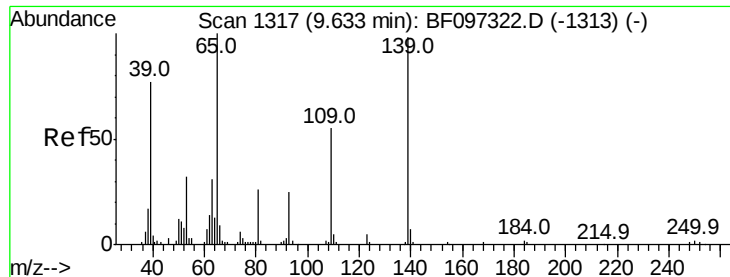


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



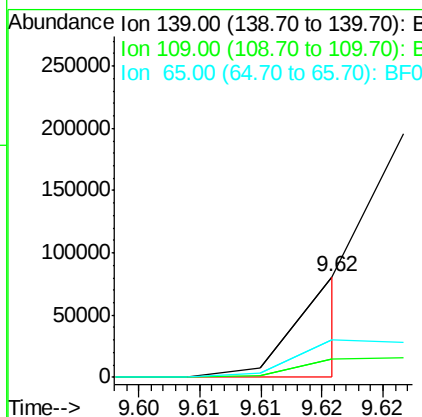
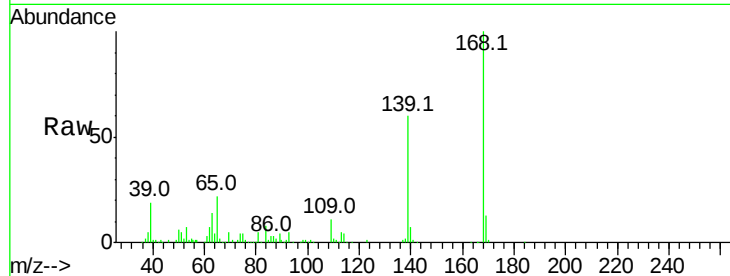


#55
4-Nitrophenol
Concen: 14.124 ng/ml
RT: 9.62 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

Instrument :
BNA_F
ClientSampleId :
TRAP-ROCK-FINESMS

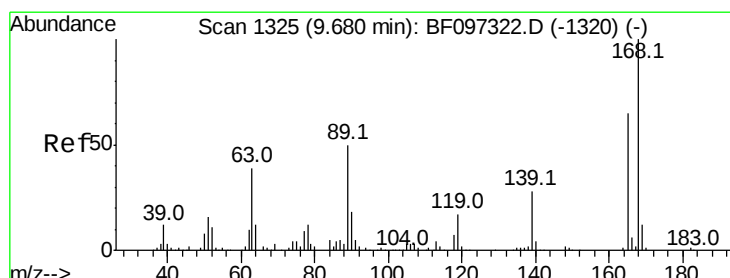
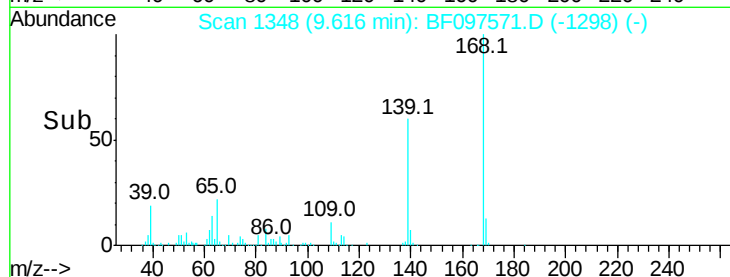
Tot Ion	Ratio	Lower	Upper
139	100		
109	17.9	34.1	74.1#
65	36.8	31.4	71.4

Manual Integrations
APPROVED



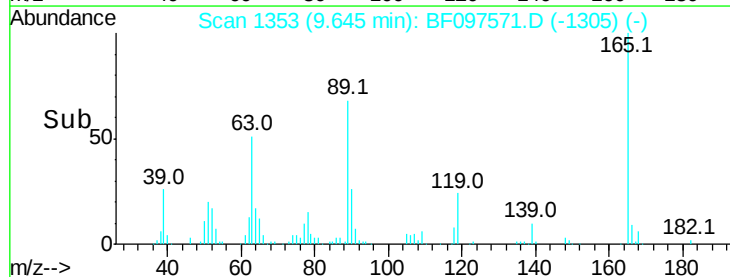
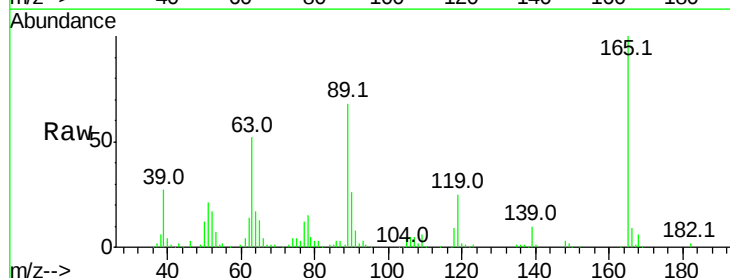
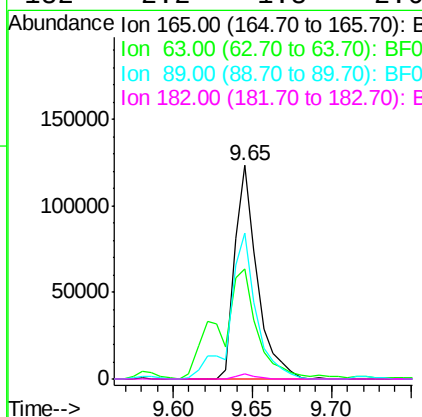
sohil

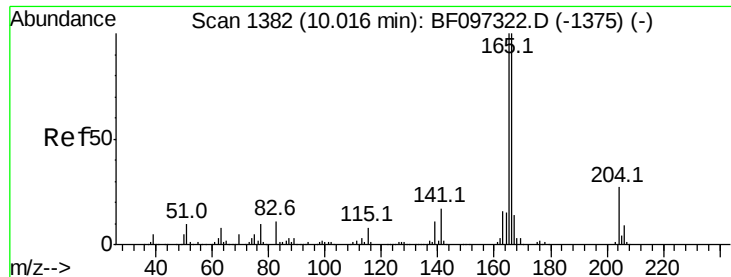
8/14/2017 6:34:10 PM



#56
2,4-Dinitrotoluene
Concen: 35.029 ng/ml
RT: 9.65 min Scan# 1353
Delta R.T. -0.02 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

Tgt Ion	Ratio	Lower	Upper
165	100		
63	51.8	25.4	38.0#
89	68.2	46.4	69.6
182	2.2	1.8	2.6



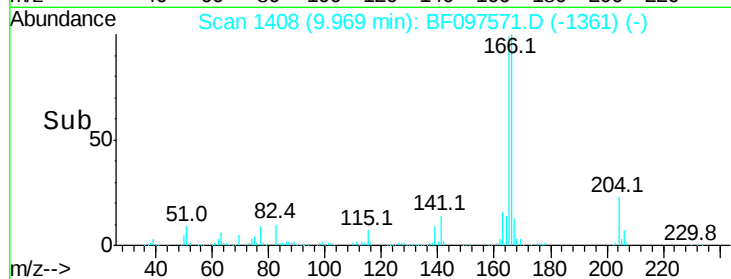
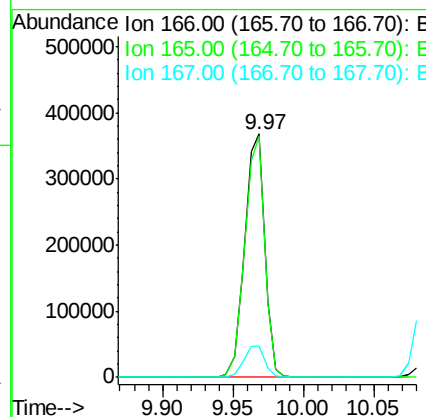
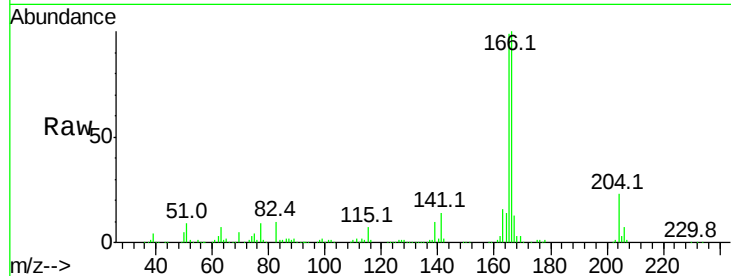


#57
Fluorene
Concen: 34.201 ng
RT: 9.97 min Scan# 1408
Delta R.T. -0.02 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

Instrument :
BNA_F
ClientSampleId :
TRAP-ROCK-FINESMS

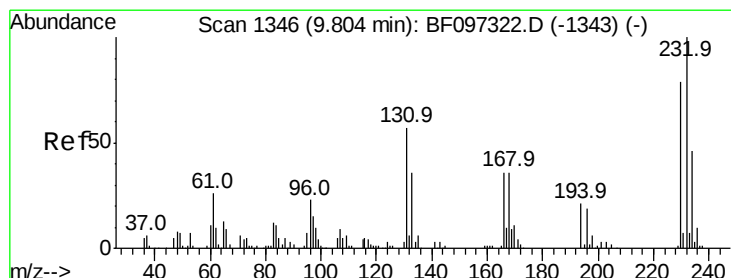
Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	99.3	78.8	118.2	
167	12.8	10.6	16.0	

Manual Integrations
APPROVED



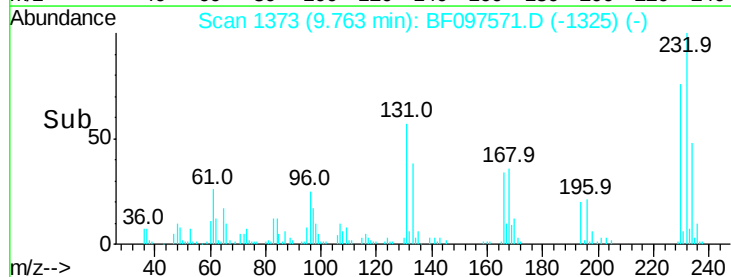
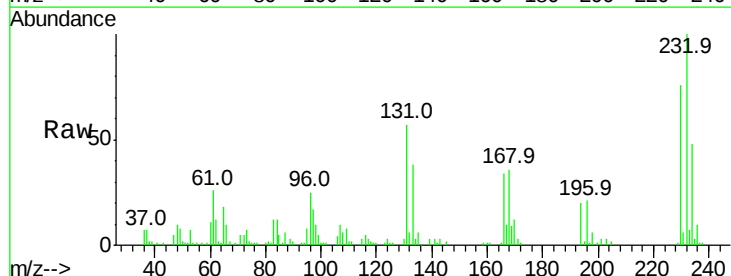
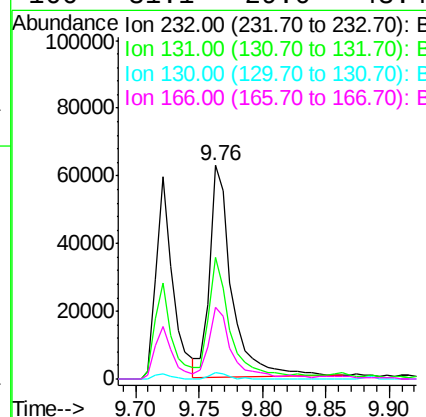
sohil

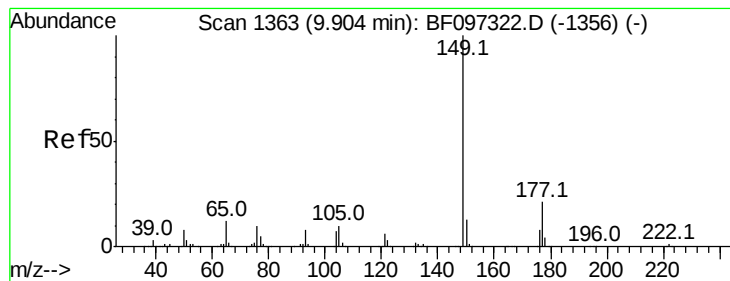
8/14/2017 6:34:10 PM



#58
2,3,4,6-Tetrachlorophenol
Concen: 31.147 ng
RT: 9.76 min Scan# 1373
Delta R.T. -0.02 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	55.4	44.8	67.2	
130	2.2	2.3	3.5#	
166	31.1	29.0	43.4	





#59

Diethylphthalate

Concen: 32.613 ng

RT: 9.86 min Scan# 1390

Delta R.T. -0.02 min

Lab File: BF097571.D

Acq: 10 Aug 2017 21:23

Instrument :

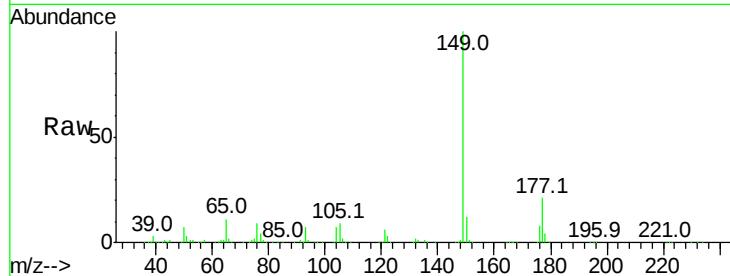
BNA_F

ClientSampleId :

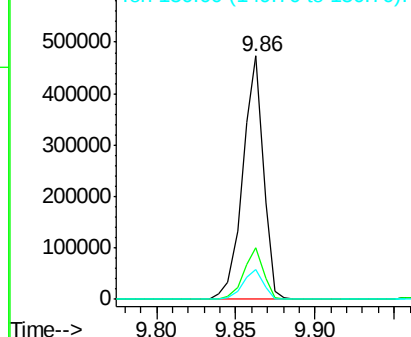
TRAP-ROCK-FINESMS

Tot Ion:	149	Resp:	425490
Ion Ratio	Lower	Upper	
149	100		
177	21.3	16.7	25.1
150	12.2	10.2	15.2

Manual Integrations
APPROVED

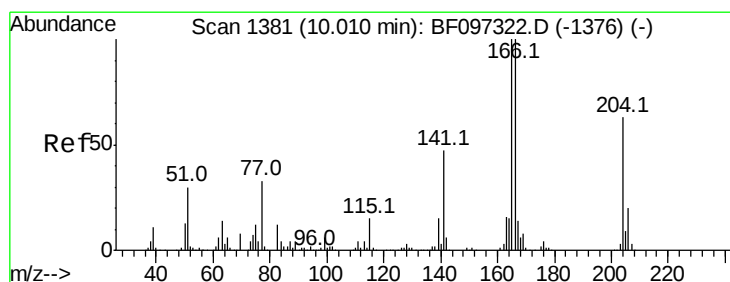
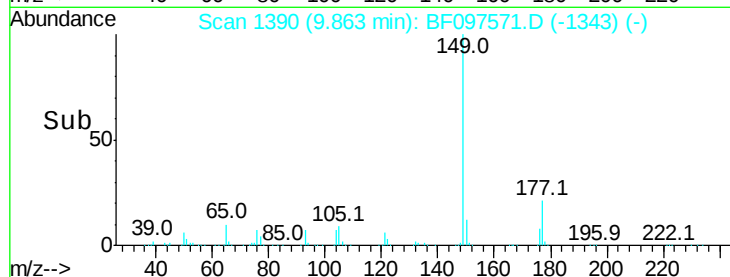


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



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#60

4-Chlorophenyl-phenylether

Concen: 33.393 ng

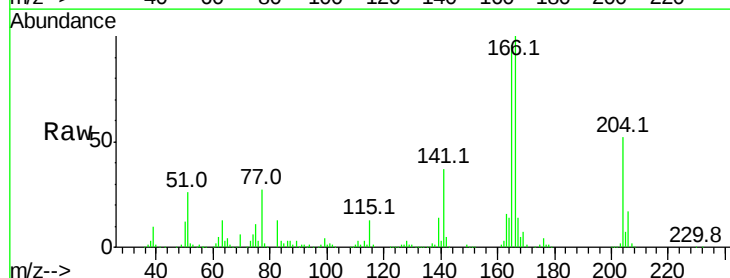
RT: 9.96 min Scan# 1407

Delta R.T. -0.02 min

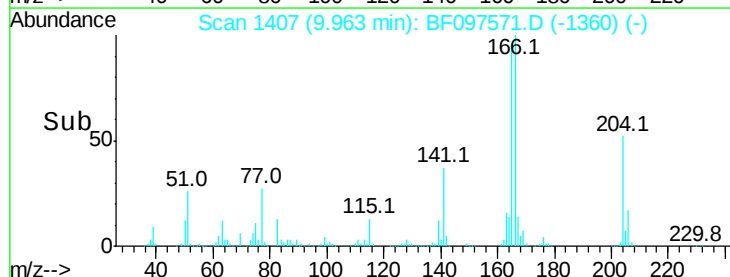
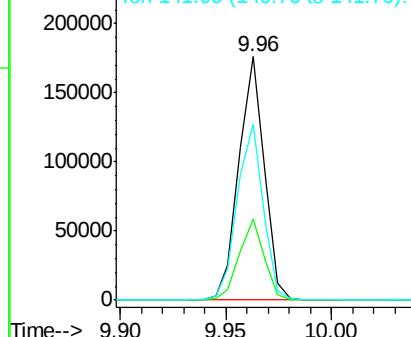
Lab File: BF097571.D

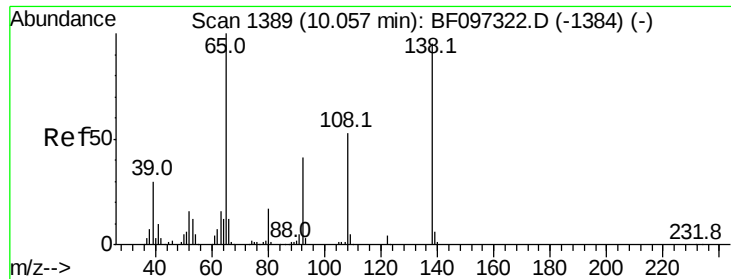
Acq: 10 Aug 2017 21:23

Tgt Ion:	204	Resp:	146915
Ion Ratio	Lower	Upper	
204	100		
206	33.2	26.2	39.2
141	72.2	60.8	91.2



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E



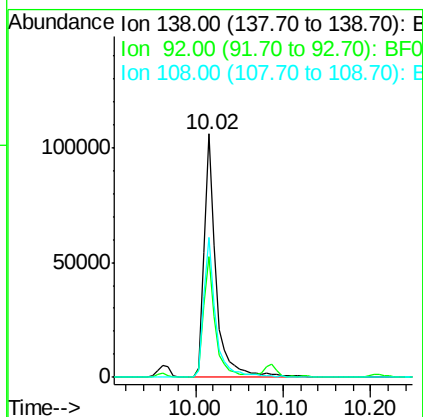
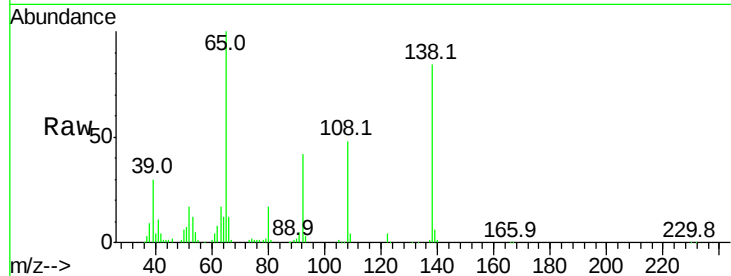


#61
4-Nitroaniline
Concen: 28.556 ng
RT: 10.02 min Scan# 1416
Delta R.T. -0.02 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

Instrument :
BNA_F
ClientSampleId :
TRAP-ROCK-FINESMS

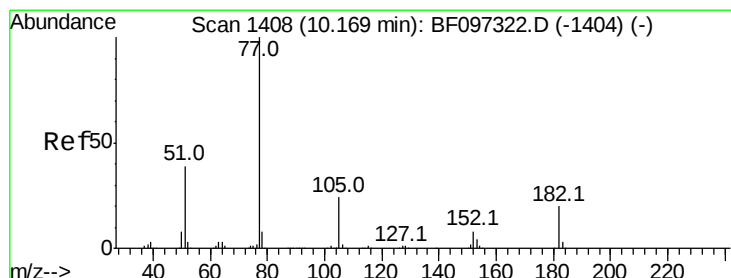
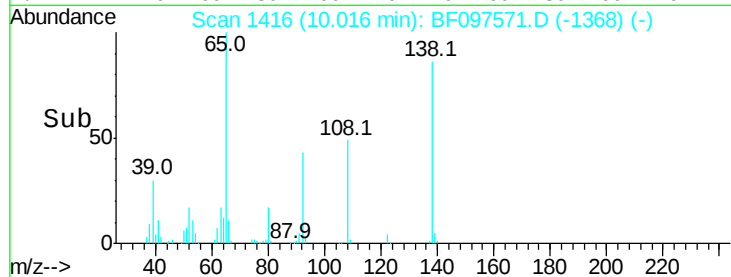
Tot Ion	Ratio	Resp	Lower	Upper
138	100			
92	49.5	21.8	61.8	
108	57.6	42.3	82.3	

Manual Integrations
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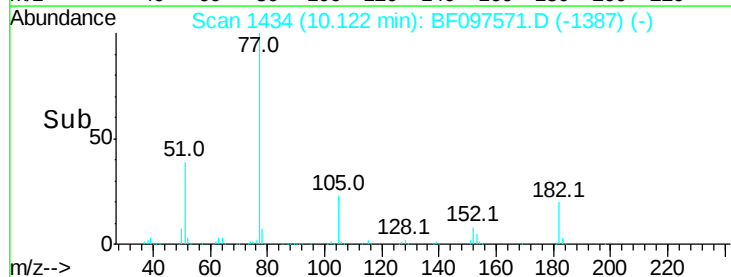
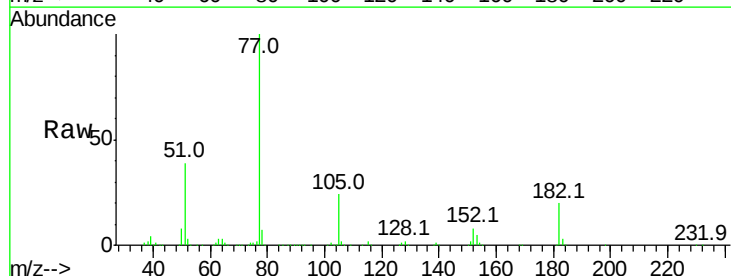
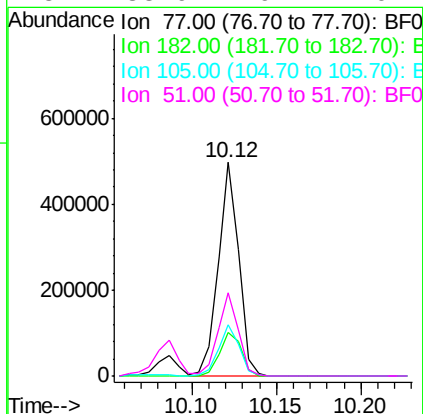
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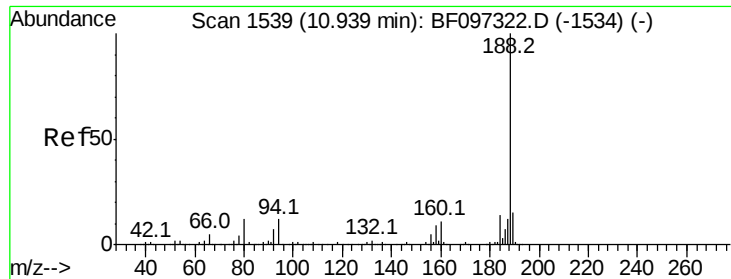
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#62
Azobenzene
Concen: 34.978 ng
RT: 10.12 min Scan# 1434
Delta R.T. -0.02 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
182	20.3	0.1	40.1	
105	23.7	3.6	43.6	
51	38.9	9.4	49.4	



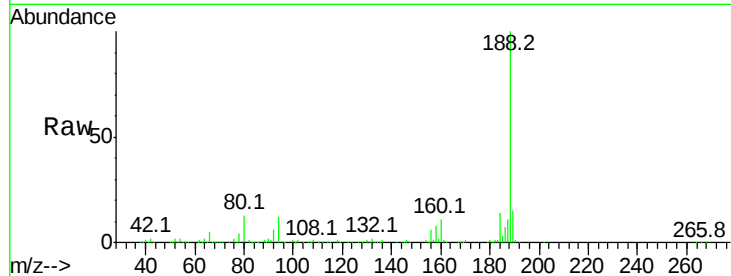


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.89 min Scan# 1565
Delta R.T. -0.02 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

Instrument :
BNA_F
ClientSampleId :
TRAP-ROCK-FINESMS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	290402		
94	12.2		9.4	14.2
80	12.6		10.2	15.2

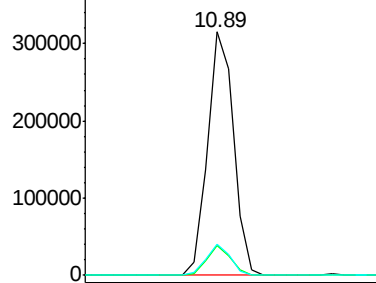
Manual Integrations
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Abundance Ion 188.00 (187.70 to 188.70): E

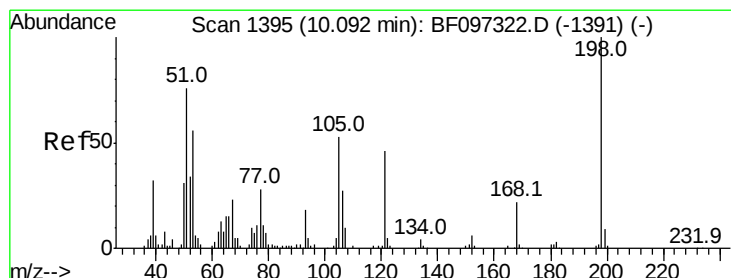
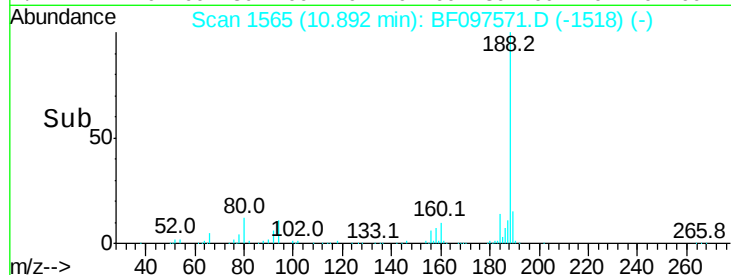
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



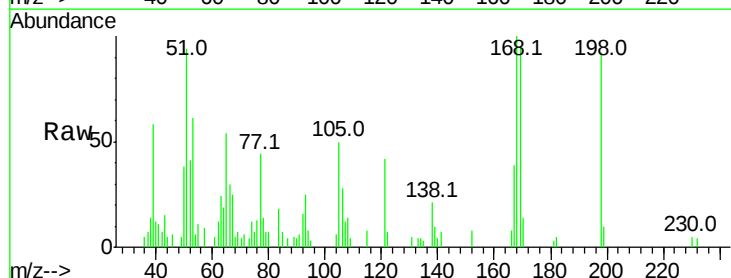
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#64
4,6-Dinitro-2-methylphenol
Concen: 6.929 ng
RT: 10.07 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

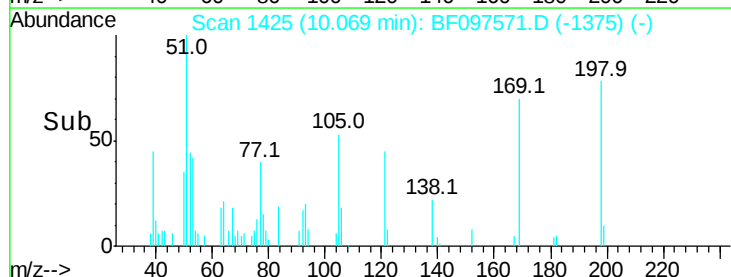
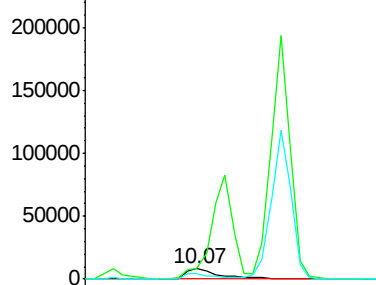
Tgt Ion	Ratio	Resp	Lower	Upper
198	100	12503		
51	102.1		53.2	93.2#
105	54.6		45.8	85.8

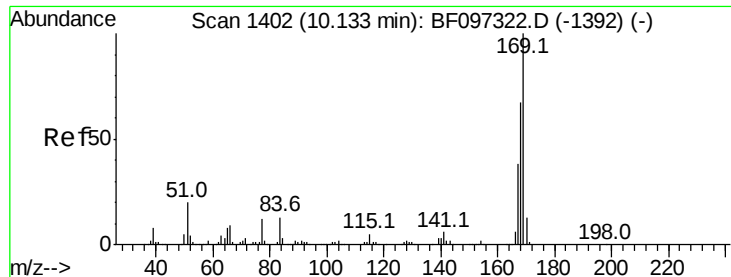


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 33.033 ng

RT: 10.09 min Scan# 1428

Delta R.T. -0.02 min

Lab File: BF097571.D

Acq: 10 Aug 2017 21:23

Instrument :

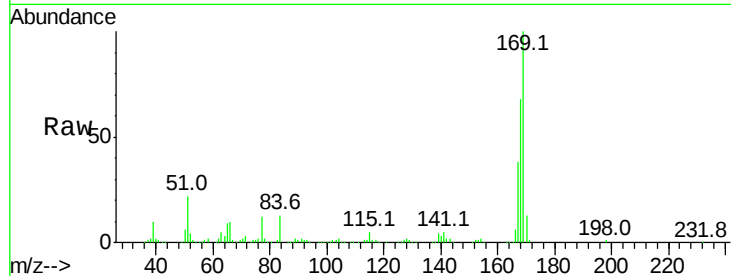
BNA_F

ClientSampleId :

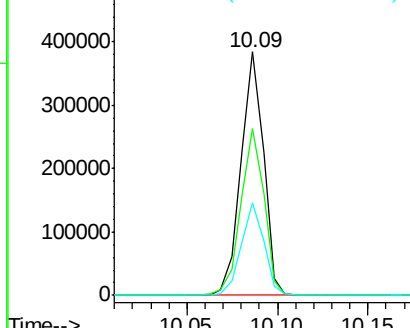
TRAP-ROCK-FINESMS

Tot Ion:	169	Resp:	333771
Ion Ratio	Lower	Upper	
169	100		
168	68.4	53.2	79.8
167	38.1	29.5	44.3

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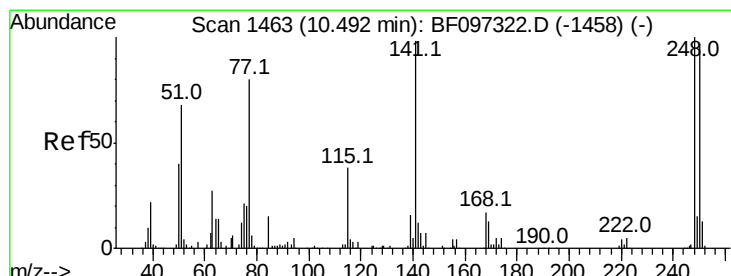
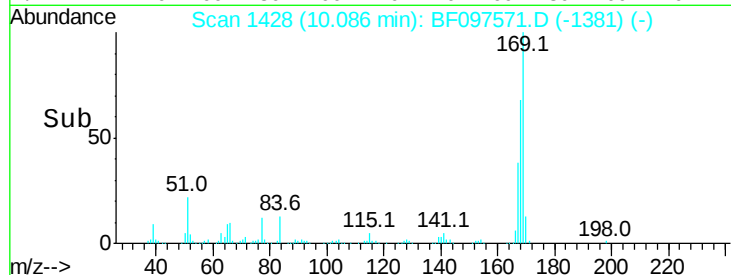


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



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#66

4-Bromophenyl-phenylether

Concen: 32.617 ng

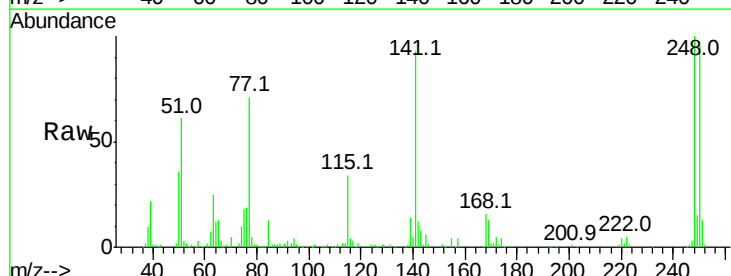
RT: 10.45 min Scan# 1489

Delta R.T. -0.02 min

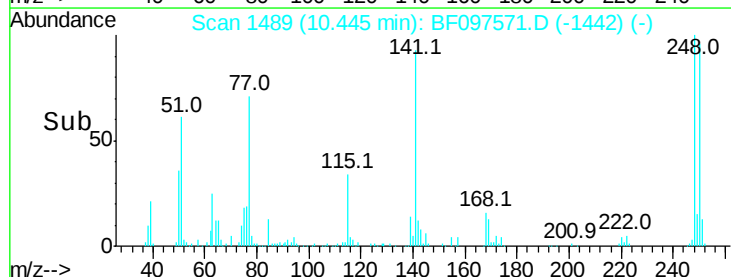
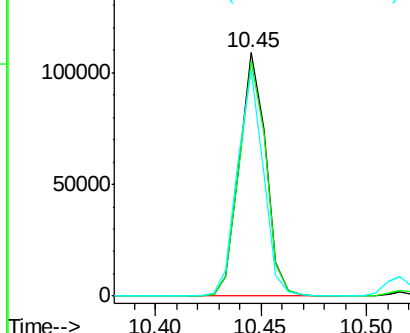
Lab File: BF097571.D

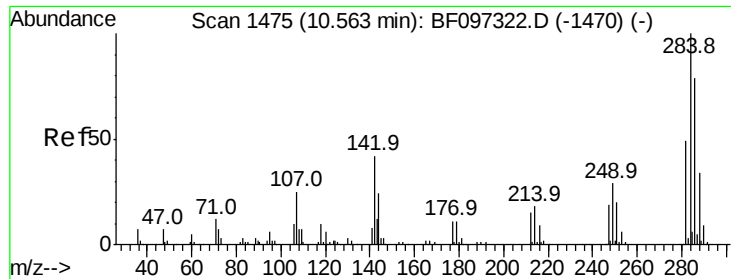
Acq: 10 Aug 2017 21:23

Tgt Ion:	248	Resp:	94529
Ion Ratio	Lower	Upper	
248	100		
250	96.2	76.8	115.2
141	92.7	68.6	103.0



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E



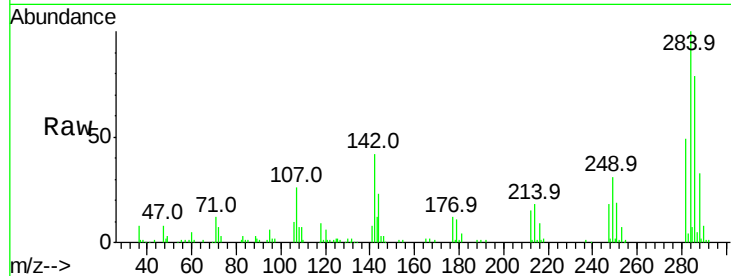


#67
Hexachlorobenzene
Concen: 30.075 ng
RT: 10.52 min Scan# 1501
Delta R.T. -0.02 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

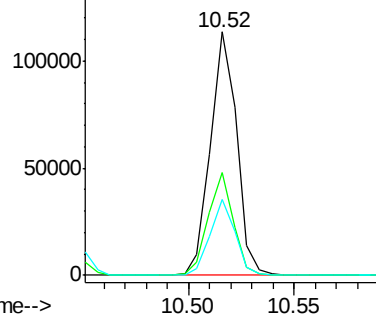
Instrument :
BNA_F
ClientSampleId :
TRAP-ROCK-FINESMS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	42.2	22.8	34.2#	
249	31.1	24.0	36.0	

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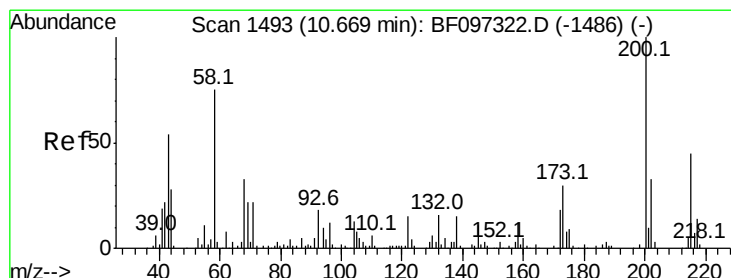
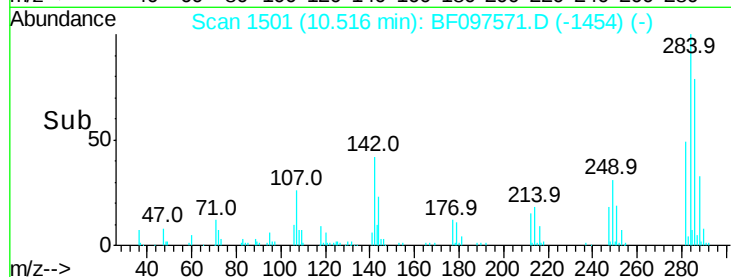


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



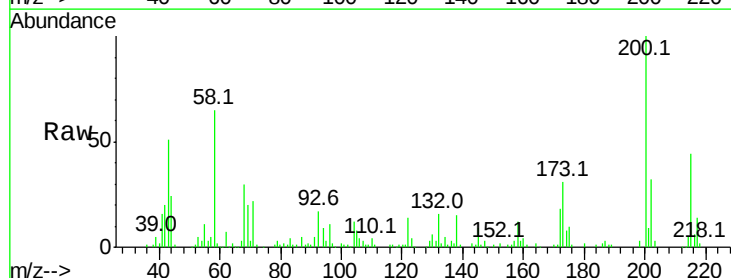
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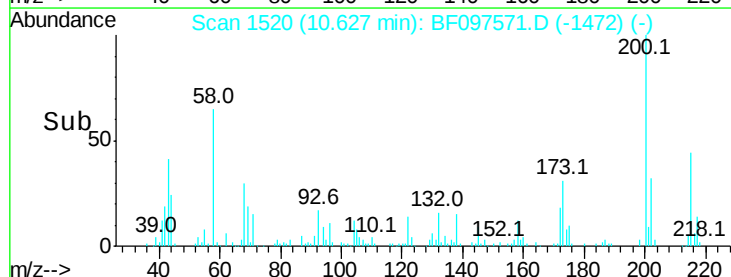
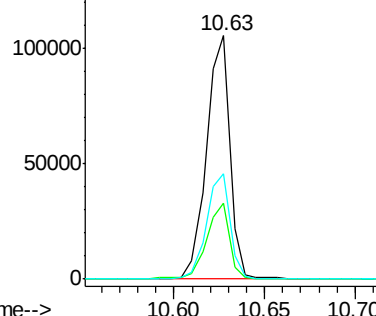


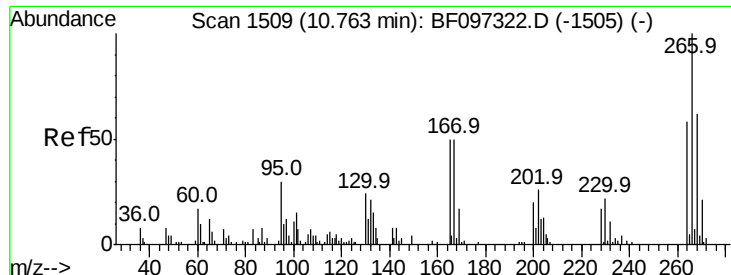
#68
Atrazine
Concen: 32.781 ng
RT: 10.63 min Scan# 1520
Delta R.T. -0.02 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	31.0	6.3	46.3	
215	43.5	27.2	67.2	



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



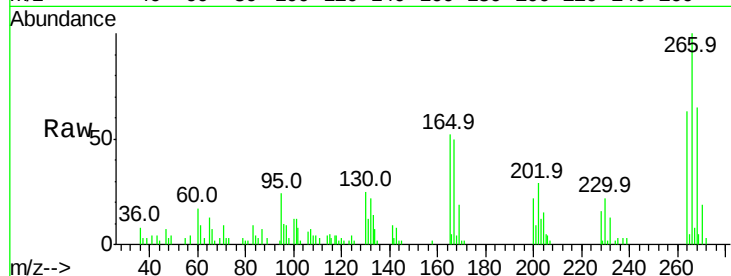


#69
 Pentachlorophenol
 Concen: 23.302 ng
 RT: 10.73 min Scan# 1537
 Delta R.T. -0.02 min
 Lab File: BF097571.D
 Acq: 10 Aug 2017 21:23

Instrument :
 BNA_F
 ClientSampleId :
 TRAP-ROCK-FINESMS

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.6	51.1	76.7
264	63.1	51.7	77.5

Manual Integrations
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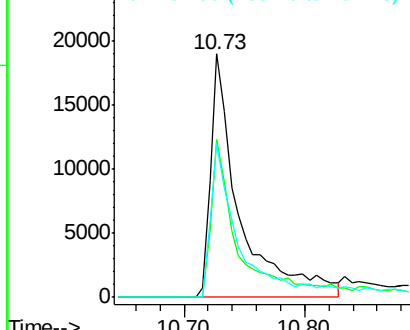


Abundance

Ion 265.70 (265.40 to 266.40): E

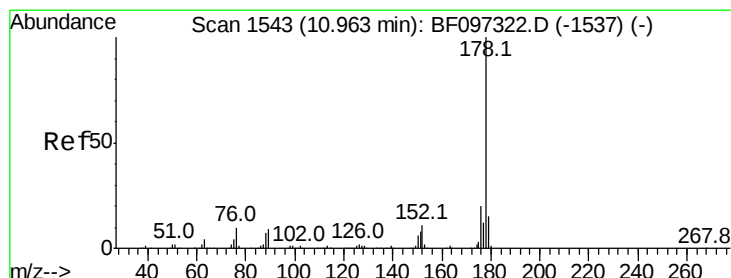
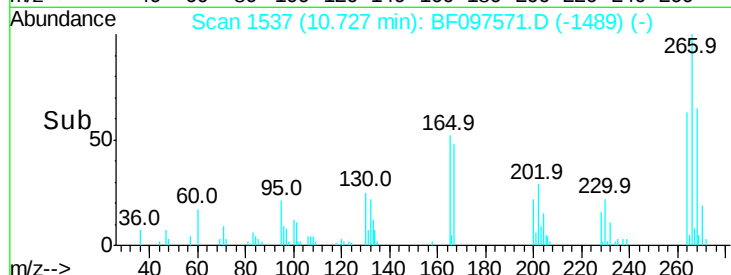
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



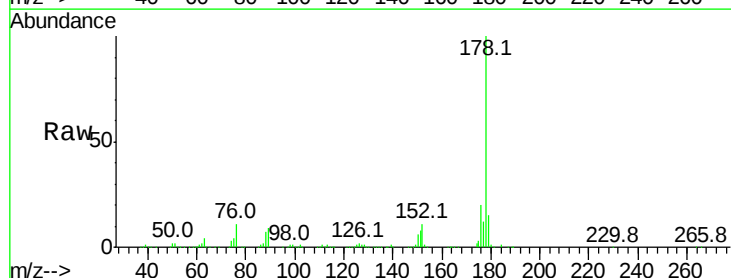
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#70
 Phenanthrene
 Concen: 31.489 ng
 RT: 10.92 min Scan# 1569
 Delta R.T. -0.02 min
 Lab File: BF097571.D
 Acq: 10 Aug 2017 21:23

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.2	24.4
179	15.2	12.6	19.0

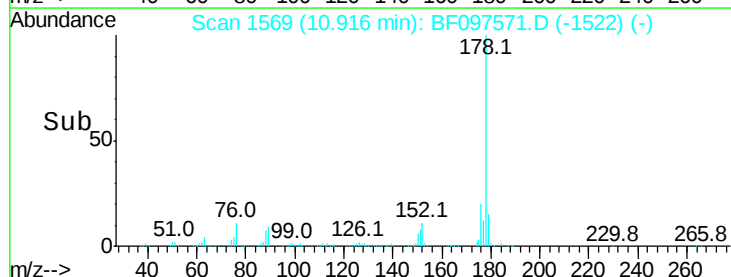
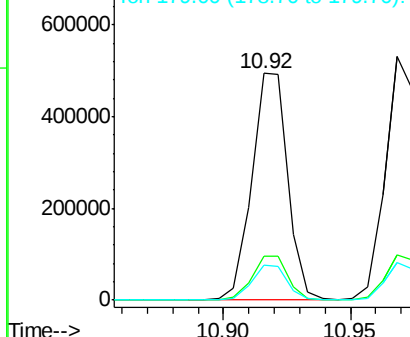


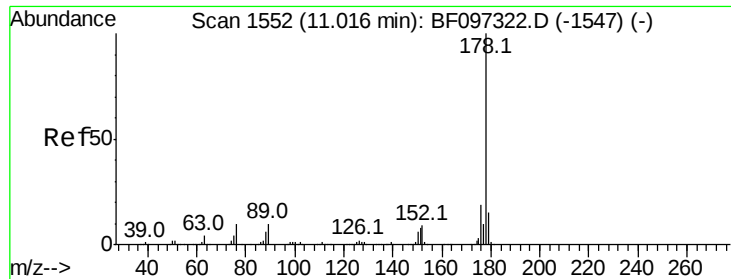
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



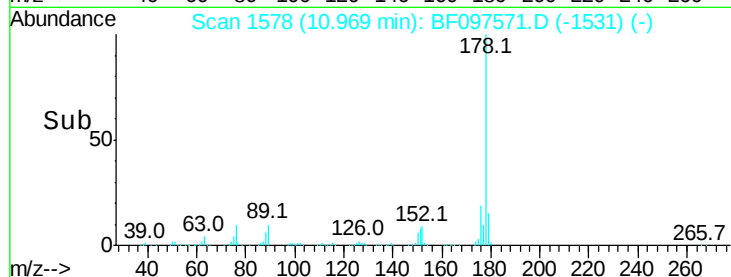
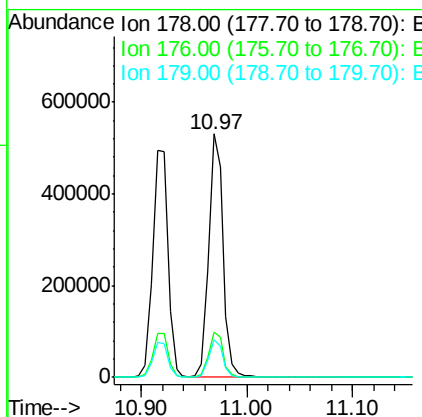
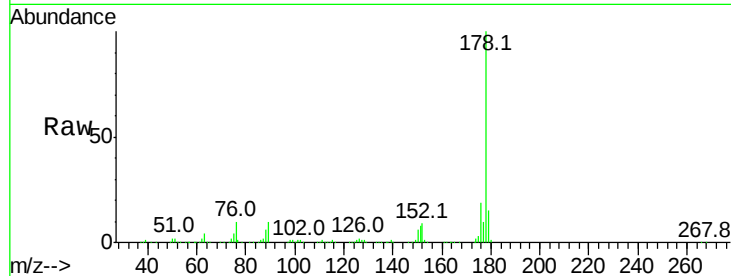


#71
 Anthracene
 Concen: 31.895 ng
 RT: 10.97 min Scan# 1578
 Delta R.T. -0.02 min
 Lab File: BF097571.D
 Acq: 10 Aug 2017 21:23

Instrument :
 BNA_F
 ClientSampleId :
 TRAP-ROCK-FINESMS

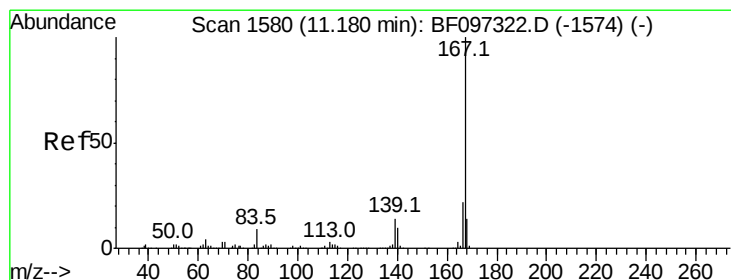
Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.8	23.8
179	15.2	12.7	19.1

Manual Integrations
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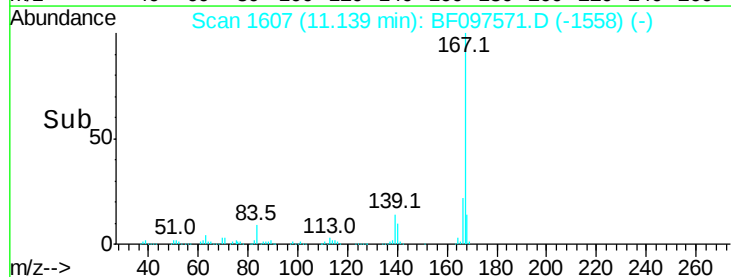
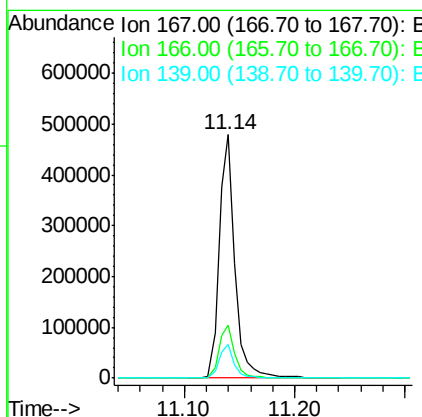
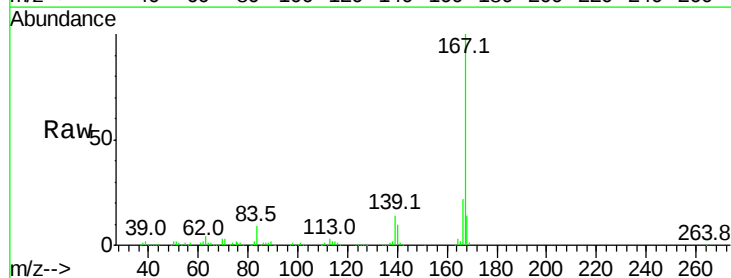
sohil

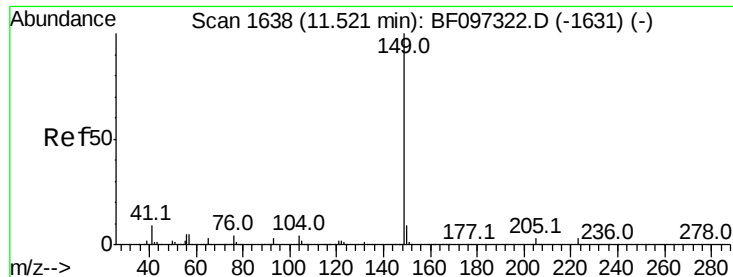
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#72
 Carbazole
 Concen: 29.993 ng
 RT: 11.14 min Scan# 1607
 Delta R.T. -0.01 min
 Lab File: BF097571.D
 Acq: 10 Aug 2017 21:23

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.8	18.1	27.1
139	13.7	11.7	17.5



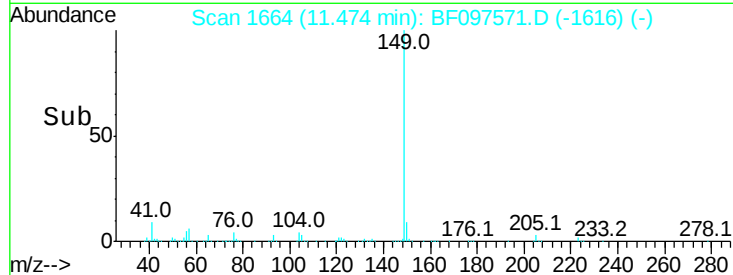
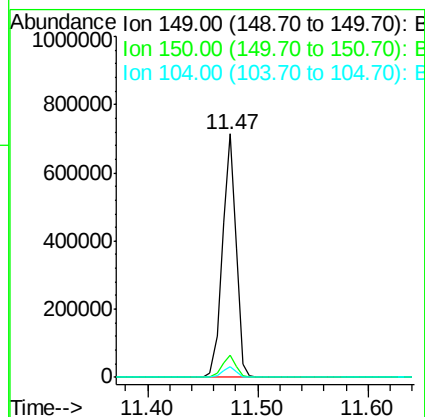
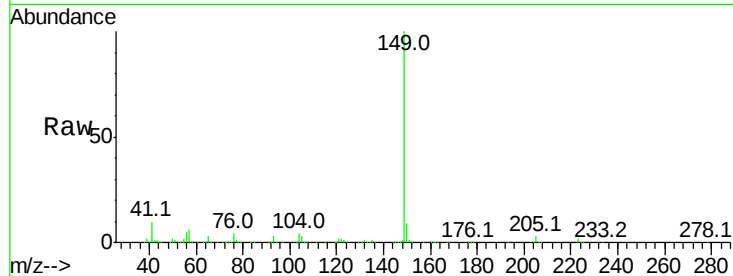


#73
Di-n-butylphthalate
Concen: 31.569 ng
RT: 11.47 min Scan# 1664
Delta R.T. -0.02 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

Instrument :
BNA_F
ClientSampleId :
TRAP-ROCK-FINESMS

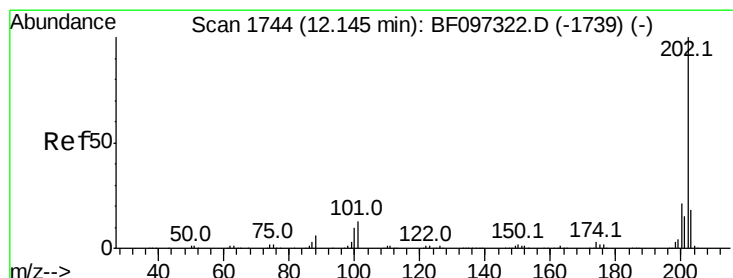
Tot Ion:	149	Resp:	611617
Ion Ratio	Lower	Upper	
149	100		
150	9.0	7.7	11.5
104	4.3	4.0	6.0

Manual Integrations
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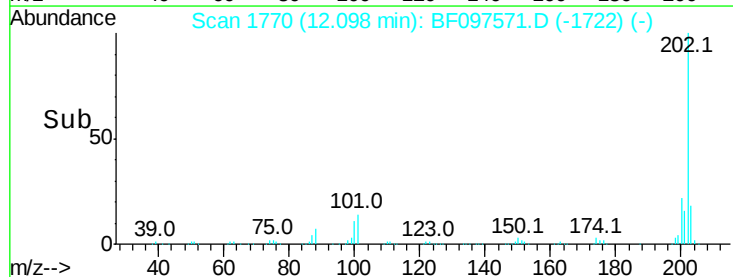
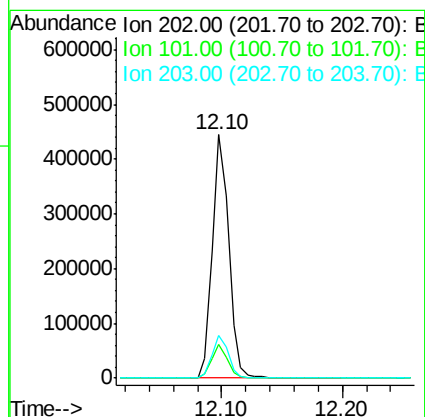
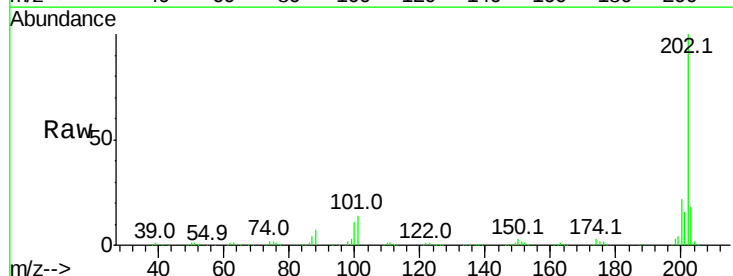
sohil

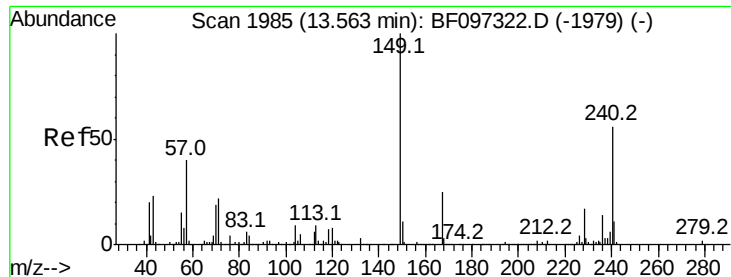
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#74
Fluoranthene
Concen: 27.343 ng
RT: 12.10 min Scan# 1770
Delta R.T. -0.02 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

Tgt Ion:	202	Resp:	416801
Ion Ratio	Lower	Upper	
202	100		
101	14.1	0.0	33.2
203	17.8	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.52 min Scan# 2012

Delta R.T. -0.02 min

Lab File: BF097571.D

Acq: 10 Aug 2017 21:23

Instrument :

BNA_F

ClientSampleId :

TRAP-ROCK-FINESMS

Tot Ion:240 Resp: 154638

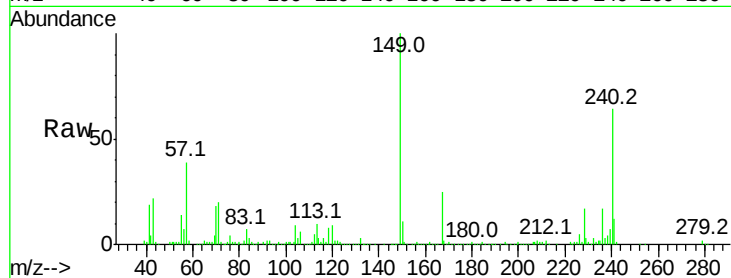
Ion Ratio Lower Upper

240 100

120 14.5 5.8 8.8#

236 26.1 20.5 30.7

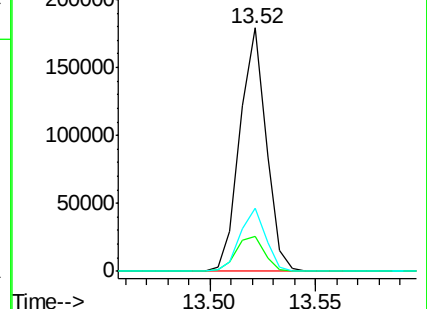
Manual Integrations
APPROVED



Abundance Ion 240.00 (239.70 to 240.70): E

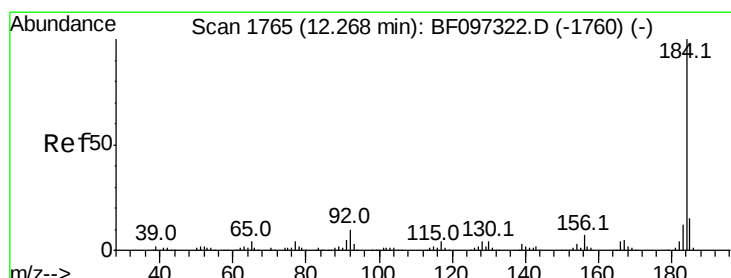
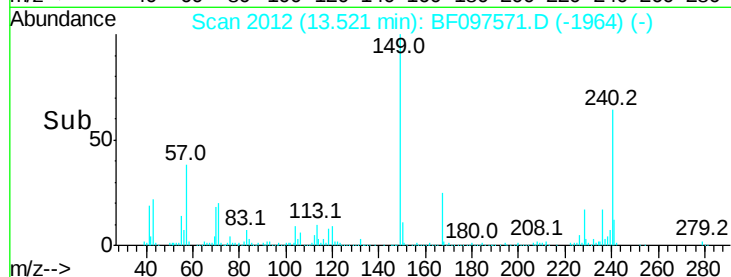
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



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#76

Benzidine

Concen: 36.453 ng

RT: 12.23 min Scan# 1793

Delta R.T. -0.01 min

Lab File: BF097571.D

Acq: 10 Aug 2017 21:23

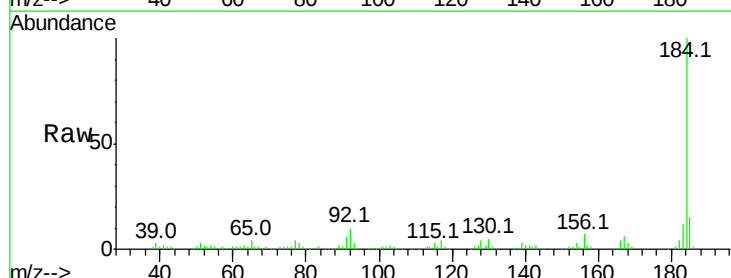
Tgt Ion:184 Resp: 209159

Ion Ratio Lower Upper

184 100

185 15.2 15.5 23.3#

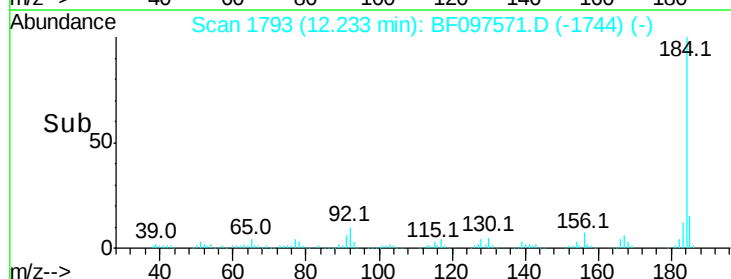
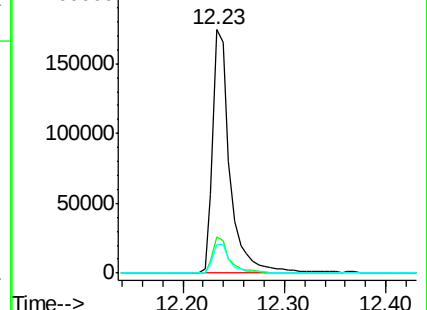
183 11.7 9.8 14.6

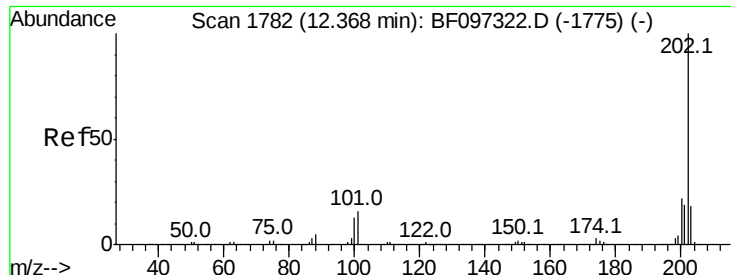


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



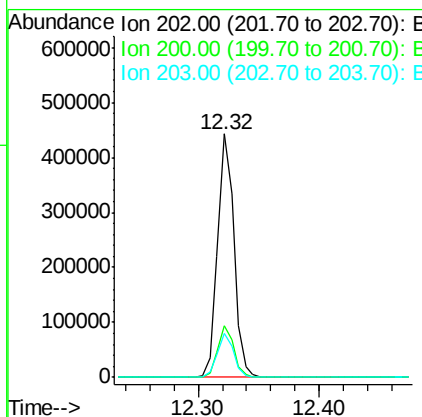
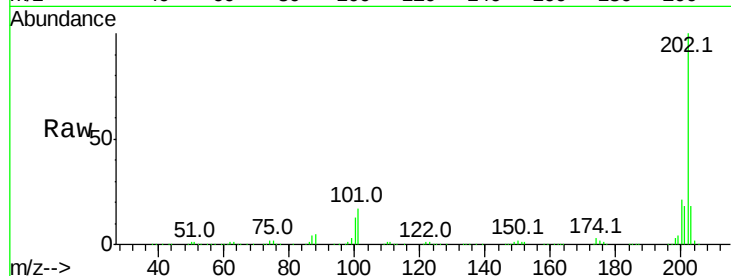


#77
Pvrene
Concen: 32.315 ng
RT: 12.32 min Scan# 1808
Delta R.T. -0.02 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

Instrument :
BNA_F
ClientSampleId :
TRAP-ROCK-FINESMS

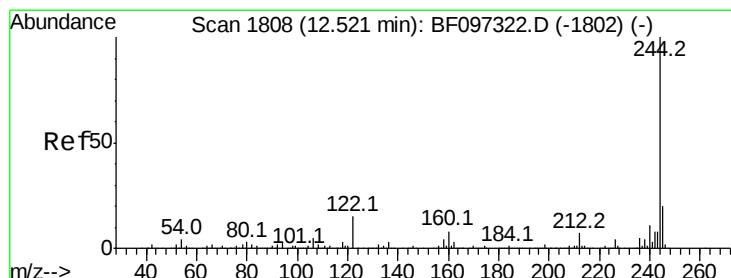
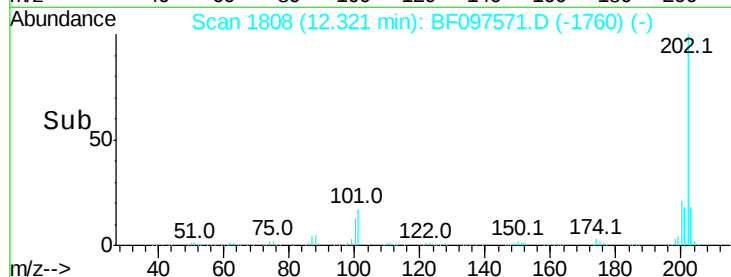
Tot Ion	Ratio	Resp	Lower	Upper
202	100			
200	21.4		17.6	26.4
203	18.1		14.4	21.6

Manual Integrations
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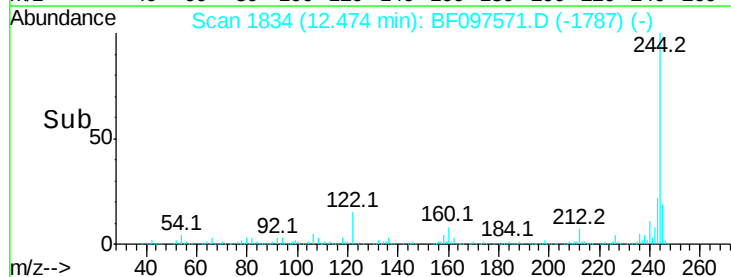
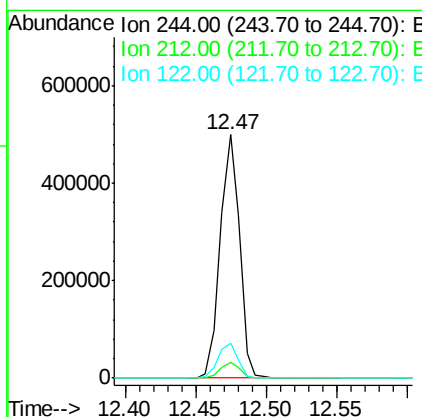
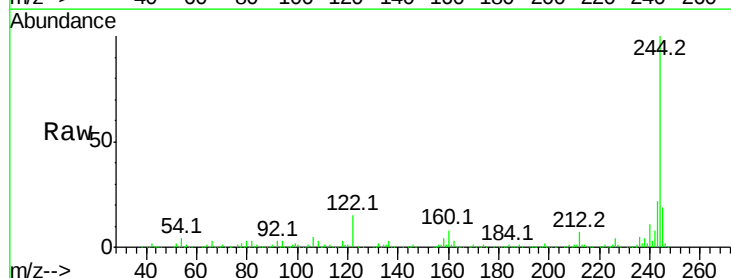
sohil

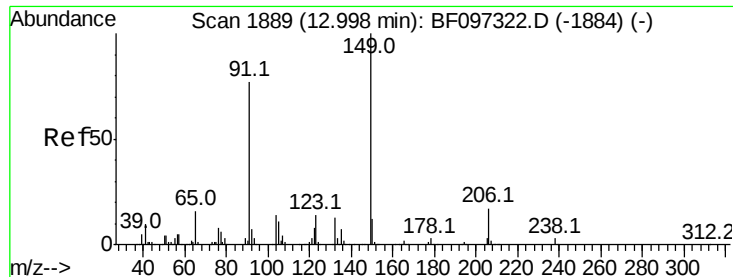
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#78
Terphenyl-d14
Concen: 62.474 ng
RT: 12.47 min Scan# 1834
Delta R.T. -0.02 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

Tgt Ion	Ratio	Resp	Lower	Upper
244	100			
212	6.7		6.0	9.0
122	14.6		10.3	15.5



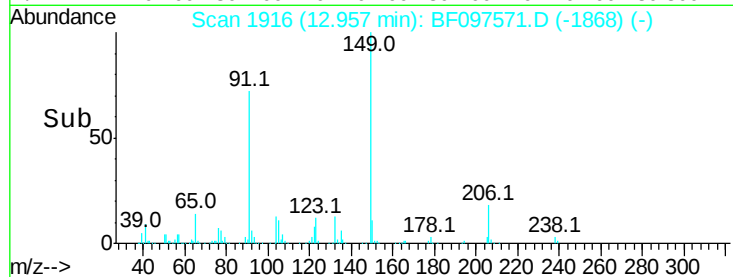
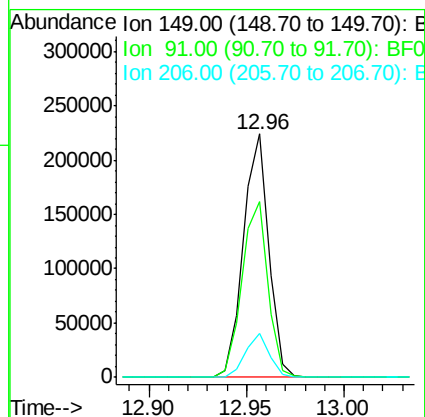
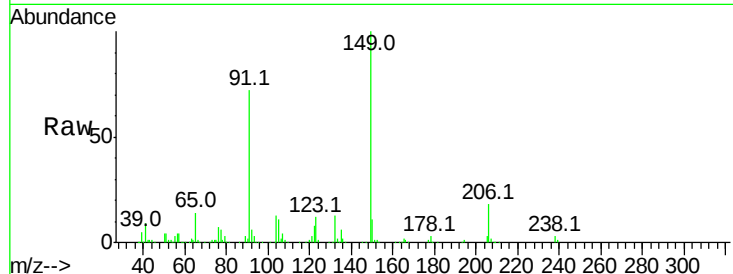


#79
Butylbenzylphthalate
Concen: 31.373 ng
RT: 12.96 min Scan# 1916
Delta R.T. -0.02 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

Instrument :
BNA_F
ClientSampleId :
TRAP-ROCK-FINESMS

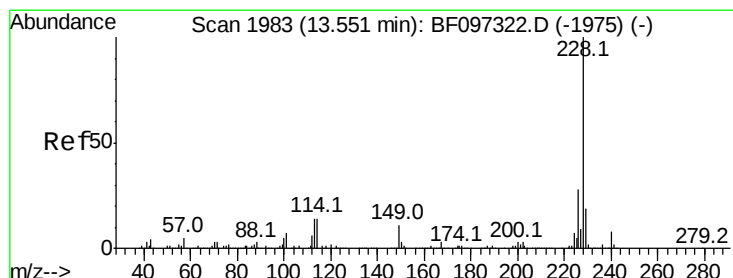
Tot Ion	Ratio	Resp	Lower	Upper
149	100	202029		
91	72.4	45.0	67.4#	
206	18.2	17.0	25.6	

Manual Integrations
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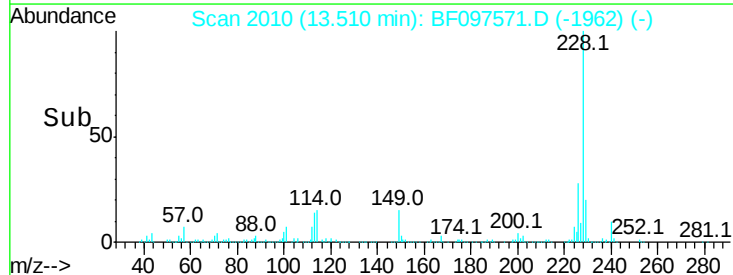
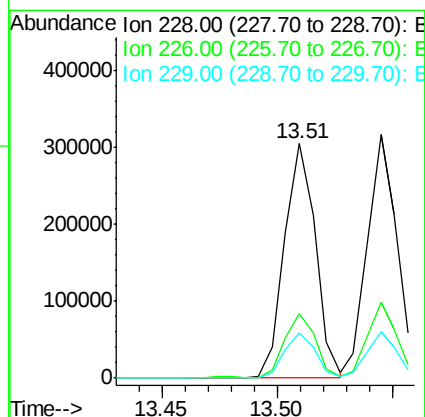
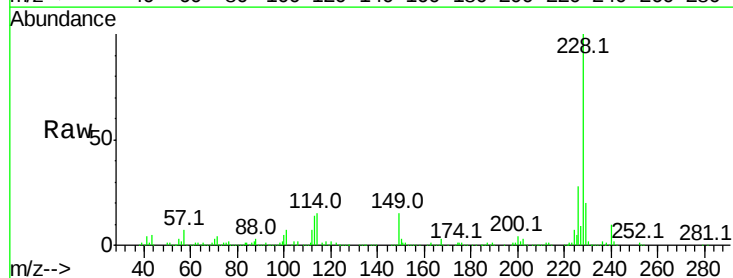
sohil

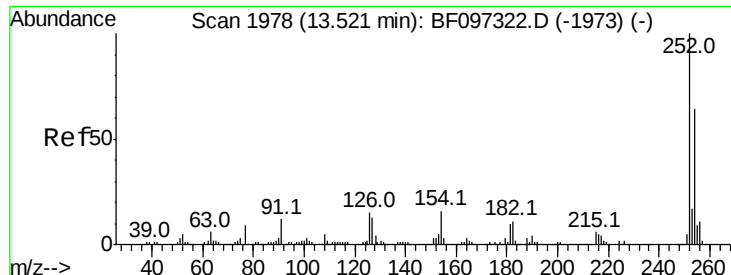
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#80
Benzo(a)anthracene
Concen: 28.402 ng
RT: 13.51 min Scan# 2010
Delta R.T. -0.02 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	284187		
226	27.7	22.6	33.8	
229	19.5	16.3	24.5	



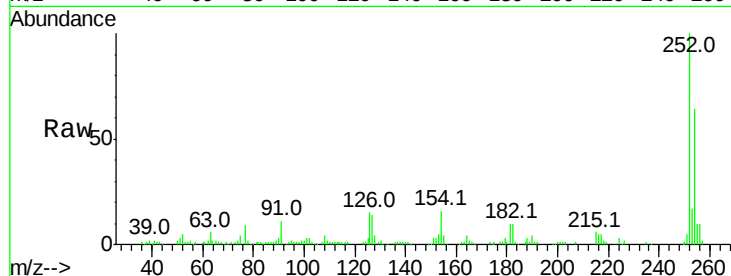


#81
 3,3'-Dichlorobenzidine
 Concen: 26.448 ng
 RT: 13.48 min Scan# 2005
 Delta R.T. -0.02 min
 Lab File: BF097571.D
 Acq: 10 Aug 2017 21:23

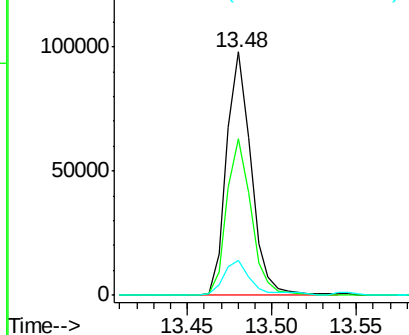
Instrument :
 BNA_F
 ClientSampleId :
 TRAP-ROCK-FINESMS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.1	51.5	77.3
126	14.5	15.8	23.8

Manual Integrations
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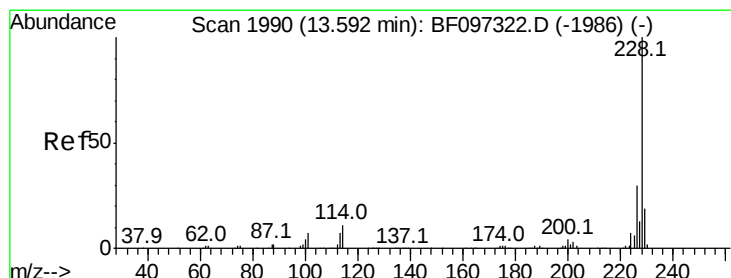
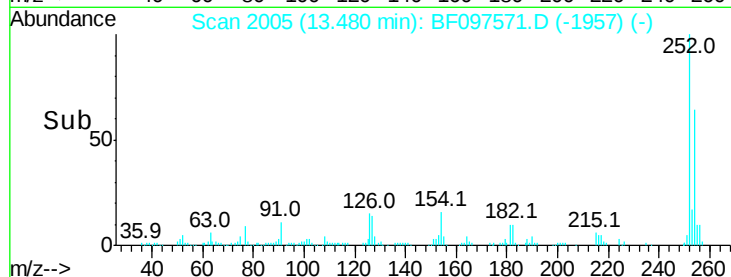


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E



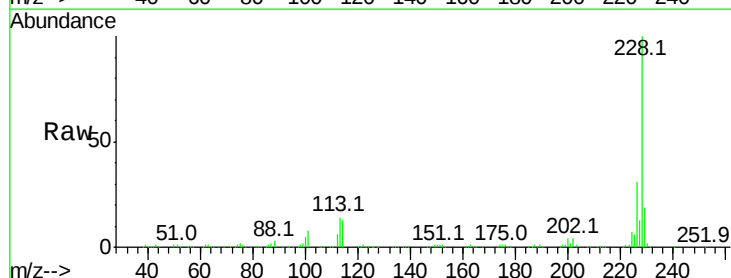
sohil

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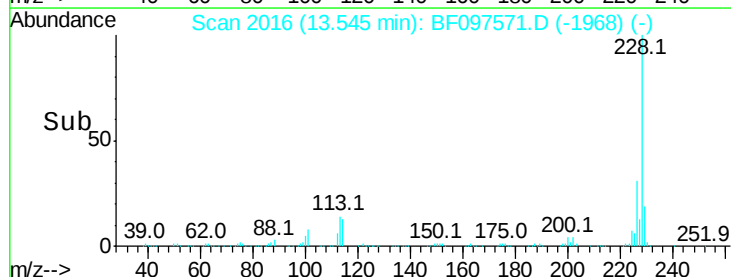
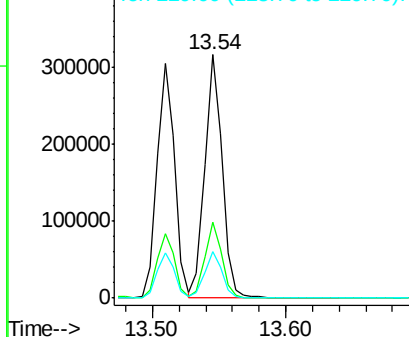


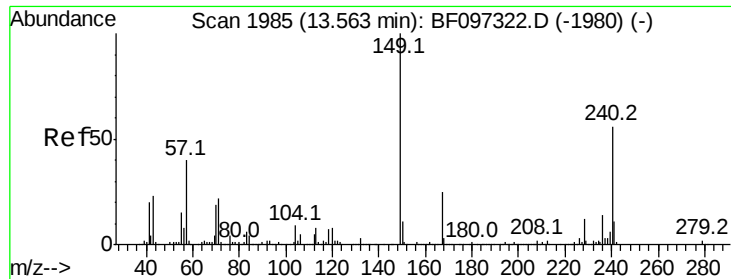
#82
 Chrysene
 Concen: 29.673 ng
 RT: 13.54 min Scan# 2016
 Delta R.T. -0.02 min
 Lab File: BF097571.D
 Acq: 10 Aug 2017 21:23

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.3	24.9	37.3
229	19.3	15.8	23.6



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



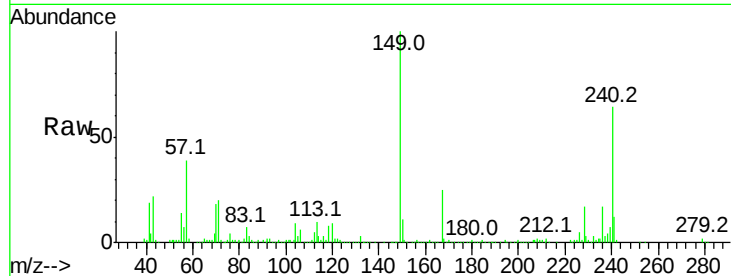


#83
 Bis(2-ethylhexyl)phthalate
 Concen: 29.649 ng
 RT: 13.52 min Scan# 2012
 Delta R.T. -0.02 min
 Lab File: BF097571.D
 Acq: 10 Aug 2017 21:23

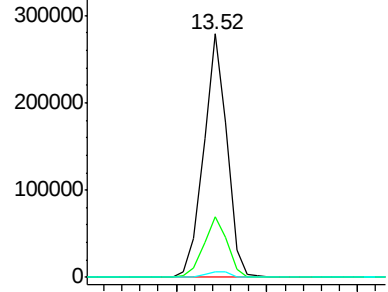
Instrument :
 BNA_F
 ClientSampleId :
 TRAP-ROCK-FINESMS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	249287		
167	25.0		21.0	31.4
279	2.3		1.9	2.9

Manual Integrations
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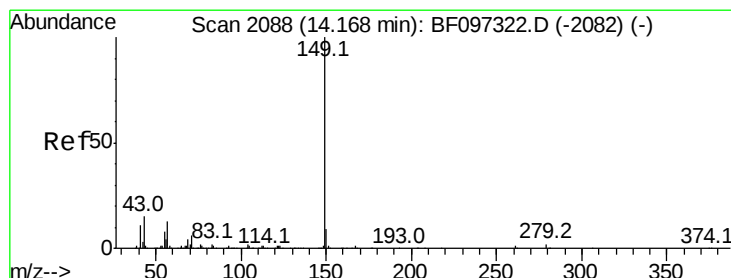
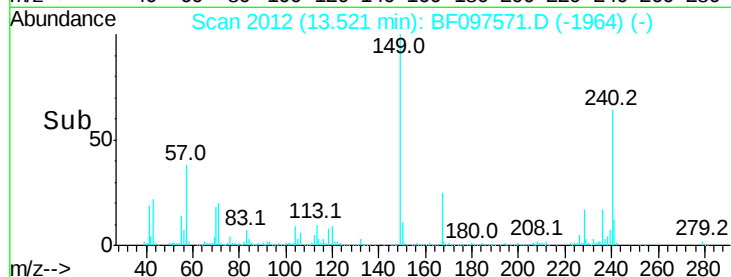


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



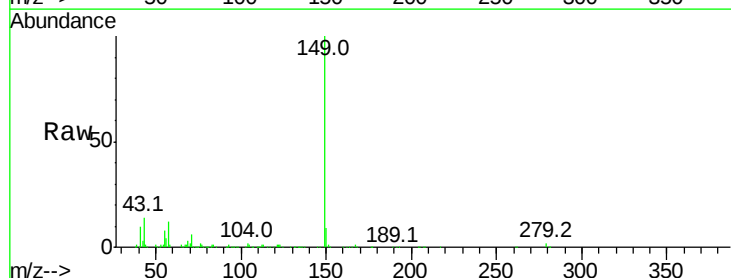
sohil

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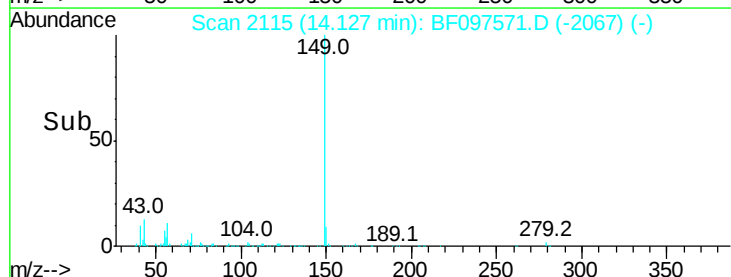
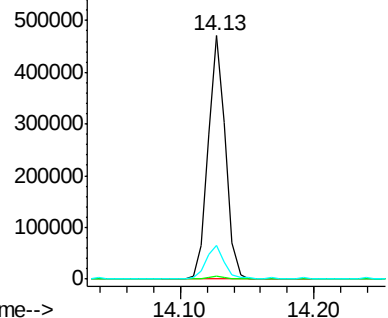


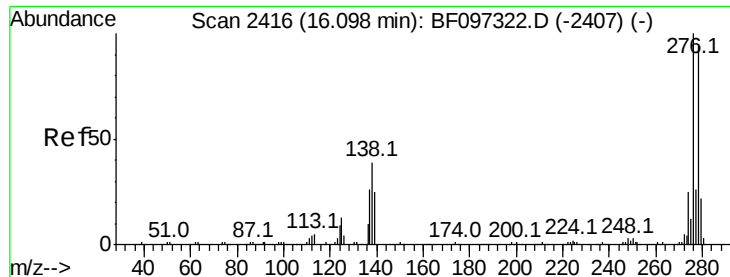
#84
 Di-n-octyl phthalate
 Concen: 27.827 ng
 RT: 14.13 min Scan# 2115
 Delta R.T. -0.02 min
 Lab File: BF097571.D
 Acq: 10 Aug 2017 21:23

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	429366		
167	1.5		1.2	1.8
43	13.5		8.5	12.7#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0



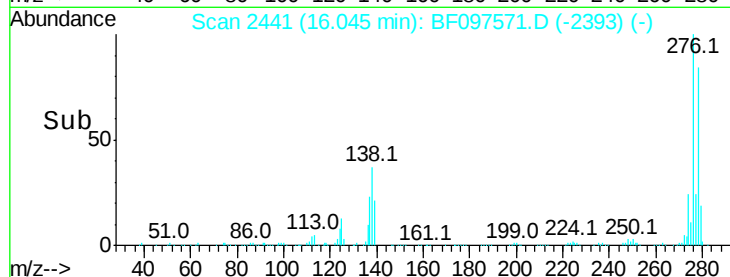
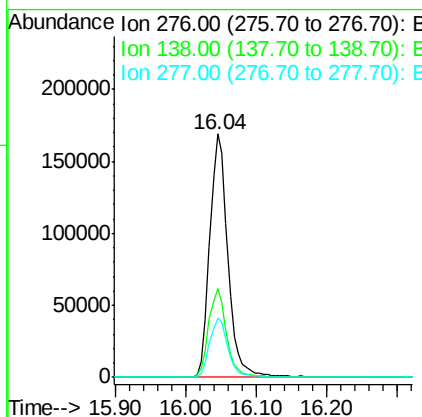
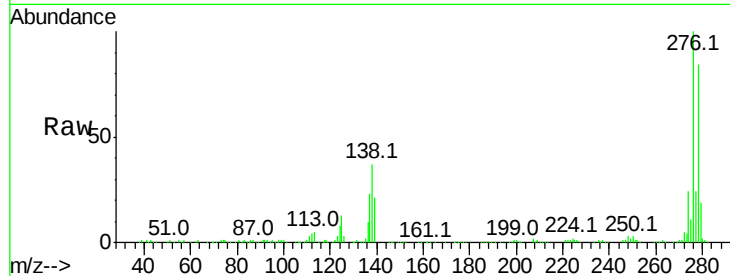


#85
Indeno(1,2,3-cd)pyrene
Concen: 36.224 ng
RT: 16.04 min Scan# 2441
Delta R.T. -0.02 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

Instrument :
BNA_F
ClientSampleId :
TRAP-ROCK-FINESMS

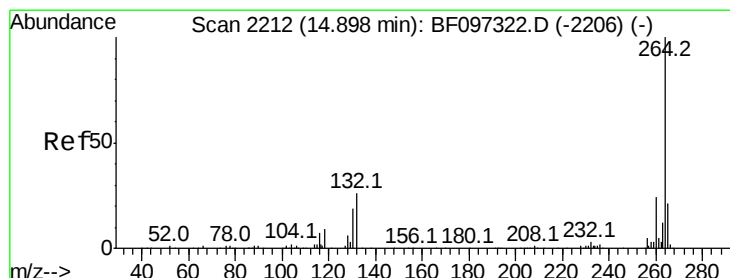
Tot Ion	Ratio	Lower	Upper
276	100		
138	35.9	27.8	41.6
277	24.5	20.2	30.4

Manual Integrations
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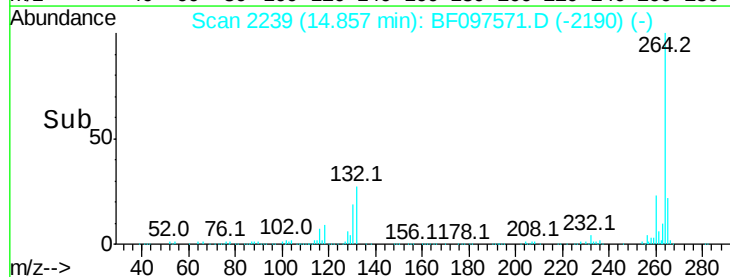
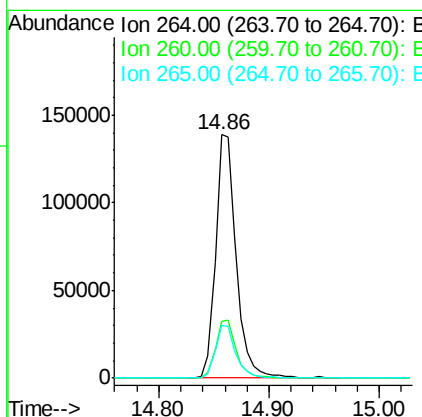
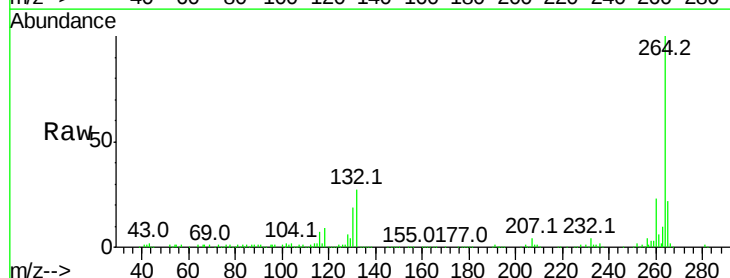
sohil

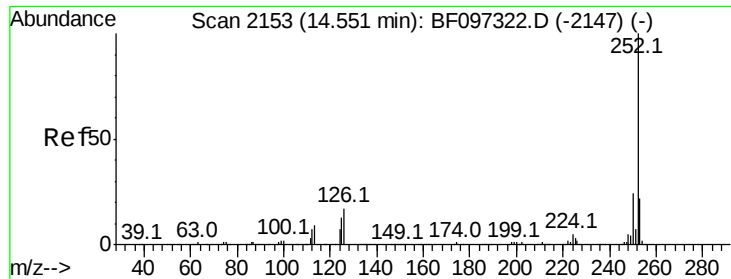
8/14/2017 6:34:10 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 14.86 min Scan# 2239
Delta R.T. -0.01 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	21.6	17.2	25.8



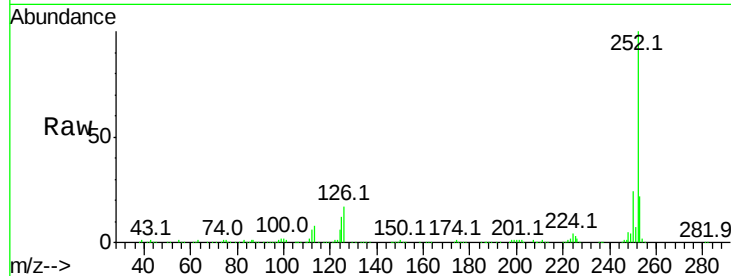


#87
Benzo(b)fluoranthene
Concen: 30.382 ng
RT: 14.52 min Scan# 2181
Delta R.T. -0.01 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

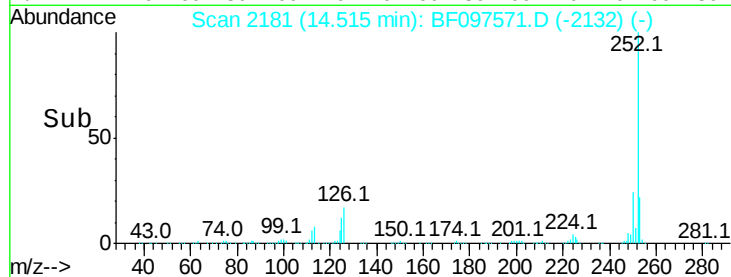
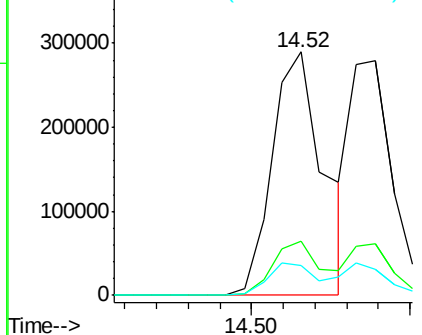
Instrument :
BNA_F
ClientSampleId :
TRAP-ROCK-FINESMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.1	27.1
125	12.0	9.8	14.8

Manual Integrations
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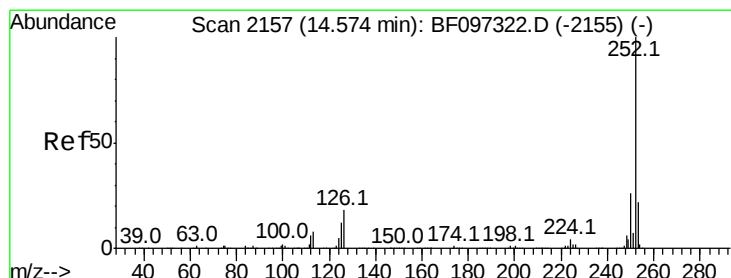


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



sohil

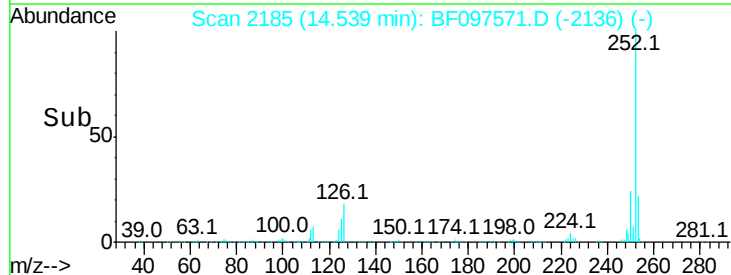
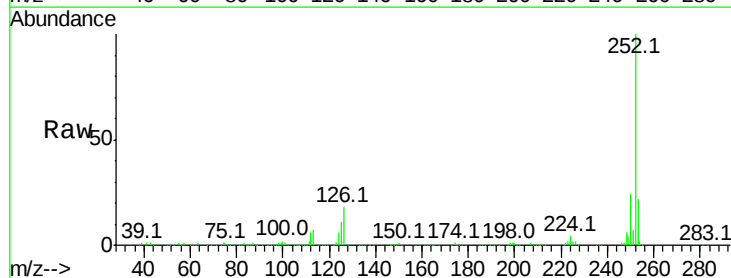
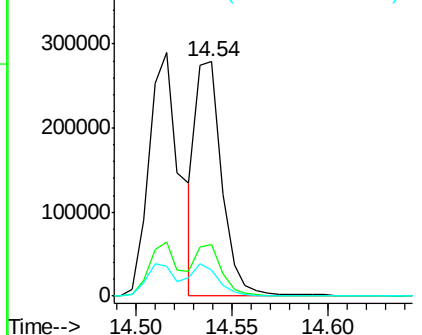
8/14/2017 6:34:10 PM

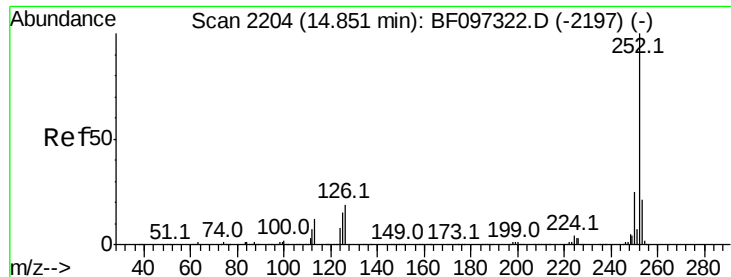


#88
Benzo(k)fluoranthene
Concen: 25.726 ng m
RT: 14.54 min Scan# 2185
Delta R.T. -0.01 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.4	27.6
125	11.3	13.1	19.7#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



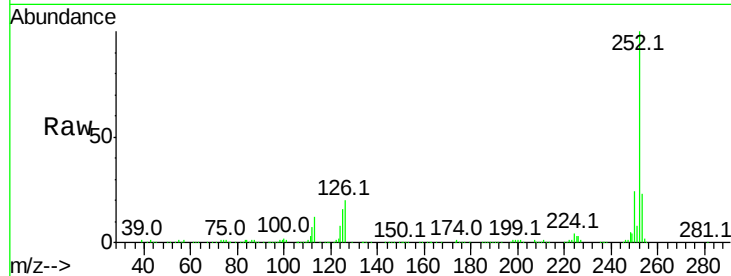


#89
Benzo(a)pyrene
Concen: 30.685 ng
RT: 14.81 min Scan# 2231
Delta R.T. -0.01 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

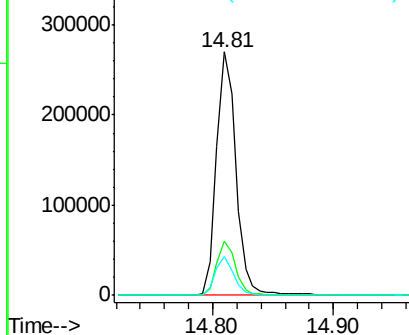
Instrument :
BNA_F
ClientSampleId :
TRAP-ROCK-FINESMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	15.9	11.0	16.4

Manual Integrations
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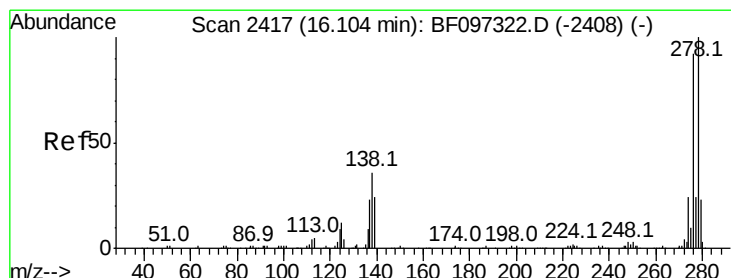
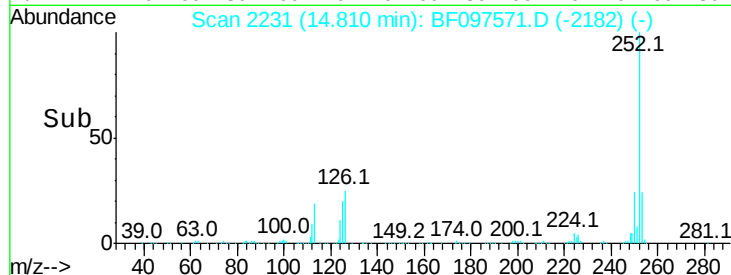


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



sohil

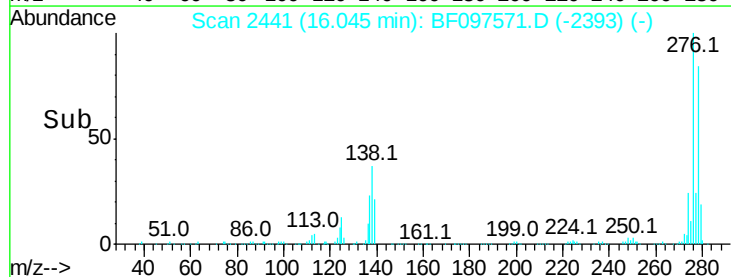
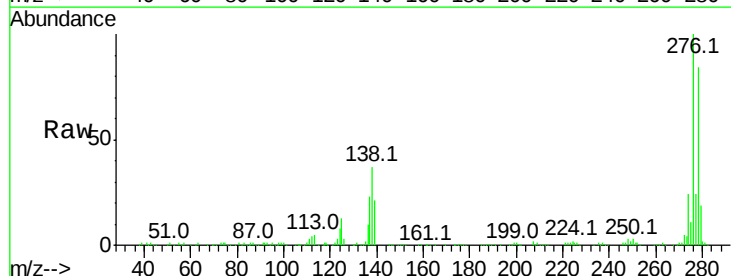
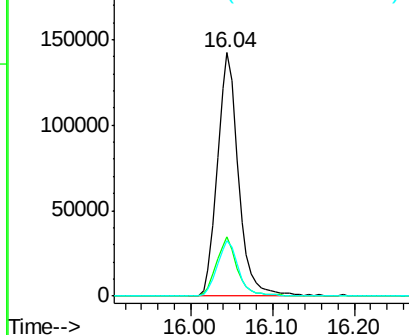
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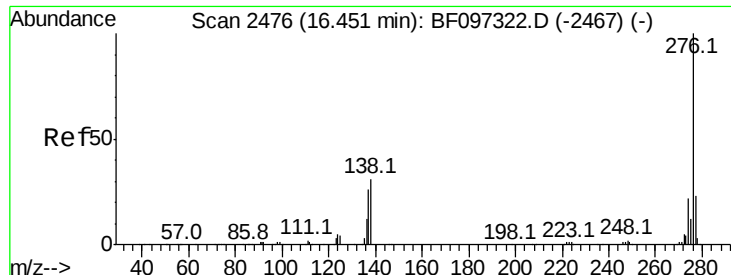


#90
Dibenzo(a,h)anthracene
Concen: 31.751 ng
RT: 16.04 min Scan# 2441
Delta R.T. -0.02 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

Tgt Ion	Ratio	Lower	Upper
278	100		
139	24.5	16.6	24.8
279	22.9	19.3	28.9

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



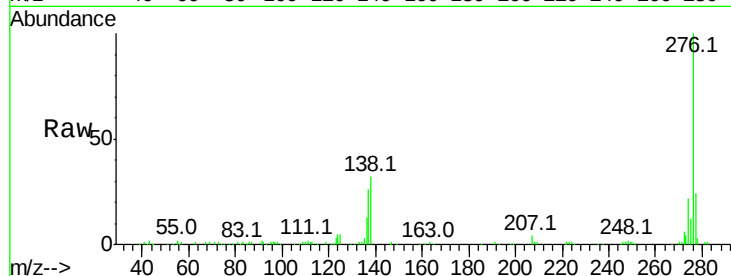


#91
 Benzo(a,h,i)perylene
 Concen: 29.612 ng
 RT: 16.39 min Scan# 2500
 Delta R.T. -0.02 min
 Lab File: BF097571.D
 Acq: 10 Aug 2017 21:23

Instrument :
 BNA_F
 ClientSampleId :
 TRAP-ROCK-FINESMS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.6	28.0
138	31.6	25.4	38.0

Manual Integrations
 APPROVED

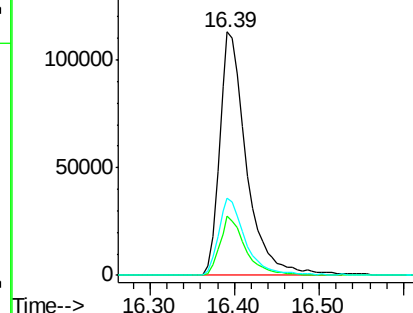
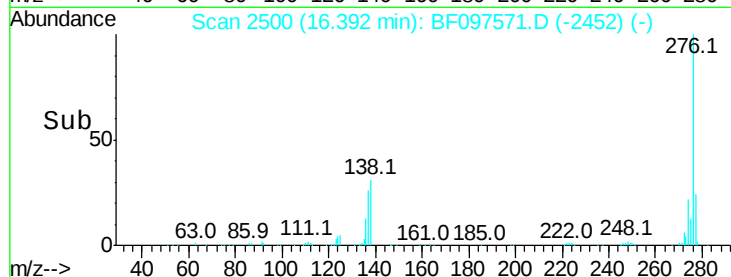


Abundance

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



sohil

8/14/2017 6:34:10 PM