

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081017\
 Data File : BF097572.D
 Acq On : 10 Aug 2017 21:51
 Operator : SJ/JU
 Sample : I4689-01MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TRAP-ROCK-FINESMSD

Manual Integrations
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 8/14/2017 6:34:21 PM

Quant Time: Aug 11 11:59:05 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	107152	20.00	ng	-0.02
21) Naphthalene-d8	7.67	136	453299	20.00	ng	-0.02
38) Acenaphthene-d10	9.42	164	188997	20.00	ng	-0.02
63) Phenanthrene-d10	10.89	188	299230	20.00	ng	-0.02
75) Chrysene-d12	13.52	240	153406	20.00	ng	-0.02
86) Perylene-d12	14.86	264	188563	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	4.99	112	604493	85.04	ng	-0.01
7) Phenol-d6	6.07	99	730449	90.02	ng	-0.01
23) Nitrobenzene-d5	6.97	82	451058	58.37	ng	-0.02
41) 2,4,6-Tribromophenol	10.21	330	123947	83.00	ng	-0.02
44) 2-Fluorobiphenyl	8.75	172	671389	60.29	ng	-0.02
78) Terphenyl-d14	12.47	244	432202	57.44	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.89	88	74269	25.038	ng	# 73
3) Pyridine	2.50	79	206296	22.713	ng	# 61
4) n-Nitrosodimethylamine	2.45	42	129814	25.798	ng	80
6) Aniline	6.06	93	259388	25.402	ng	96
8) 2-Chlorophenol	6.19	128	226114	29.750	ng	94
9) Benzaldehyde	5.95	77	94445	19.663	ng	94
10) Phenol	6.09	94	321863	33.440	ng	98
11) bis(2-Chloroethyl)ether	6.14	93	225392	29.608	ng	91
12) 1,3-Dichlorobenzene	6.33	146	220972	26.978	ng	98
13) 1,4-Dichlorobenzene	6.41	146	231593	28.531	ng	95
14) 1,2-Dichlorobenzene	6.56	146	204907	28.911	ng	99
15) Benzyl Alcohol	6.56	79	187711	36.537	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.68	45	470138	30.791	ng	90
17) 2-Methylphenol	6.69	107	182835	31.169	ng	# 90
18) Hexachloroethane	6.89	117	79777	26.864	ng	# 77
19) n-Nitroso-di-n-propylamine	6.83	70	161388	30.215	ng	# 79
20) 3+4-Methylphenols	6.86	107	243971	31.845	ng	# 64
22) Acetophenone	6.82	105	309609	28.441	ng	# 99
24) Nitrobenzene	6.99	77	236749	29.419	ng	96
25) Isophorone	7.23	82	411759	27.210	ng	97
26) 2-Nitrophenol	7.30	139	121962	28.012	ng	# 81
27) 2,4-Dimethylphenol	7.37	122	196070	27.300	ng	97
28) bis(2-Chloroethoxy)methane	7.45	93	282185	28.575	ng	98
29) 2,4-Dichlorophenol	7.57	162	185352	29.957	ng	97
30) 1,2,4-Trichlorobenzene	7.62	180	159839	27.103	ng	98
31) Naphthalene	7.70	128	614466	28.756	ng	100
33) 4-Chloroaniline	7.77	127	191164	21.987	ng	99
34) Hexachlorobutadiene	7.82	225	81330	26.013	ng	98
35) Caprolactam	8.14	113	47977	24.182	ng	# 51
36) 4-Chloro-3-methylphenol	8.27	107	193732	28.701	ng	# 84
37) 2-Methylnaphthalene	8.39	142	407129	30.093	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.56	216	146123	28.976	ng	99
40) Hexachlorocyclopentadiene	8.54	237	19892	16.942	ng	94
42) 2,4,6-Trichlorophenol	8.69	196	95639	26.170	ng	98

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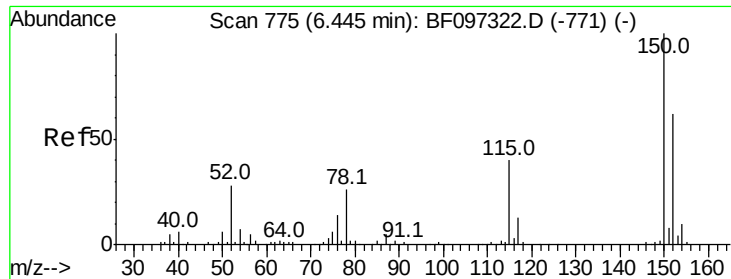
Manual Integrations
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	8.74	196	91982	25.147	nq	98
45) 1,1'-Biphenyl	8.85	154	454654	28.164	nq	98
46) 2-Chloronaphthalene	8.87	162	345941	29.121	nq #	94
47) 2-Nitroaniline	8.99	65	140280	32.538	nq	92
48) Acenaphthylene	9.28	152	541663	29.706	nq	99
49) Dimethylphthalate	9.16	163	546947	38.109	nq	99
50) 2,6-Dinitrotoluene	9.23	165	88218	28.981	nq #	81
51) Acenaphthene	9.45	154	315491	29.374	nq	99
52) 3-Nitroaniline	9.40	138	95619	25.307	nq #	93
54) Dibenzofuran	9.63	168	478106	33.420	nq	95
55) 4-Nitrophenol	9.62	139	34202m	15.222	nq	
56) 2,4-Dinitrotoluene	9.65	165	120000	34.292	nq #	80
57) Fluorene	9.96	166	342449	31.849	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.76	232	67609	26.770	nq	96
59) Diethylphthalate	9.86	149	405383	30.788	nq	98
60) 4-Chlorophenyl-phenylether	9.96	204	141880	31.954	nq	95
61) 4-Nitroaniline	10.02	138	90793	25.290	nq	93
62) Azobenzene	10.12	77	405055	33.160	nq	92
64) 4,6-Dinitro-2-methylphenol	10.07	198	10115	5.440	nq #	65
65) n-Nitrosodiphenylamine	10.09	169	321613	30.890	nq	98
66) 4-Bromophenyl-phenylether	10.45	248	89600	30.004	nq	93
67) Hexachlorobenzene	10.52	284	91960	27.461	nq #	90
68) Atrazine	10.62	200	93530	31.328	nq	93
69) Pentachlorophenol	10.73	266	28602	20.643	nq	96
70) Phenanthrene	10.92	178	475233	29.641	nq	99
71) Anthracene	10.97	178	494353	30.105	nq	99
72) Carbazole	11.14	167	449154	27.812	nq	98
73) Di-n-butylphthalate	11.47	149	599724	30.042	nq	98
74) Fluoranthene	12.10	202	398091	25.345	nq	98
76) Benzidine	12.23	184	203089	35.679	nq #	93
77) Pyrene	12.32	202	385108	30.664	nq	99
79) Butylbenzylphthalate	12.96	149	189362	29.642	nq #	83
80) Benzo(a)anthracene	13.51	228	261678	26.363	nq	100
81) 3,3'-Dichlorobenzidine	13.48	252	95770	25.585	nq #	96
82) Chrysene	13.55	228	262065	27.038	nq	100
83) Bis(2-ethylhexyl)phthalate	13.52	149	216916	26.006	nq	99
84) Di-n-octyl phthalate	14.13	149	404275	26.411	nq #	93
85) Indeno(1,2,3-cd)pyrene	16.04	276	238910	28.746	nq	99
87) Benzo(b)fluoranthene	14.52	252	315738	27.855	nq	98
88) Benzo(k)fluoranthene	14.54	252	257985m	23.885	nq	
89) Benzo(a)pyrene	14.81	252	301163	29.031	nq	98
90) Dibenzo(a,h)anthracene	16.04	278	203487	23.919	nq	98
91) Benzo(g,h,i)perylene	16.39	276	195225	21.883	nq	97

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



#1

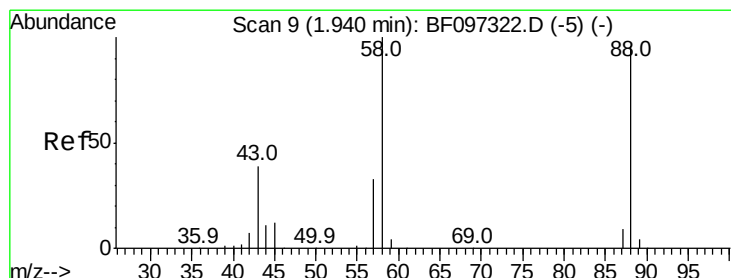
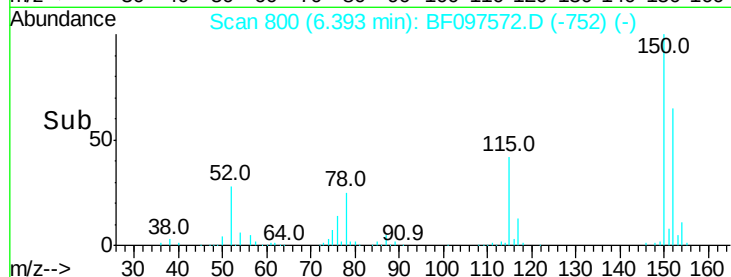
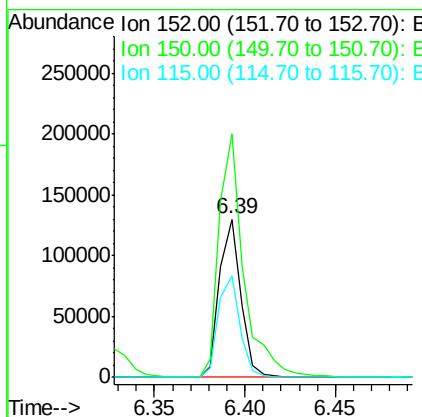
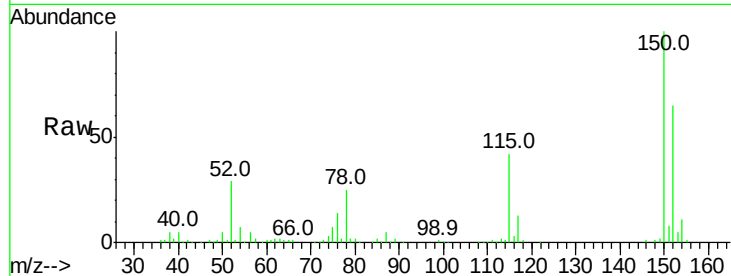
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.39 min Scan# 800
Delta R.T. -0.02 min
Lab File: BF097572.D
Acq: 10 Aug 2017 21:51

Instrument :
BNA_F
ClientSampleId :
TRAP-ROCK-FINESMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.0	126.2	189.2
115	64.1	52.2	78.2

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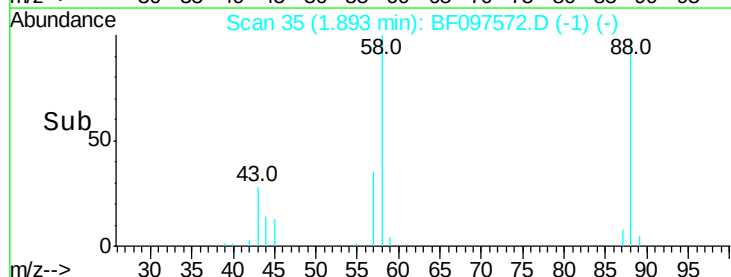
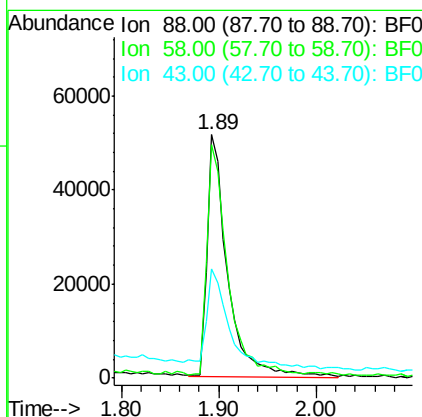
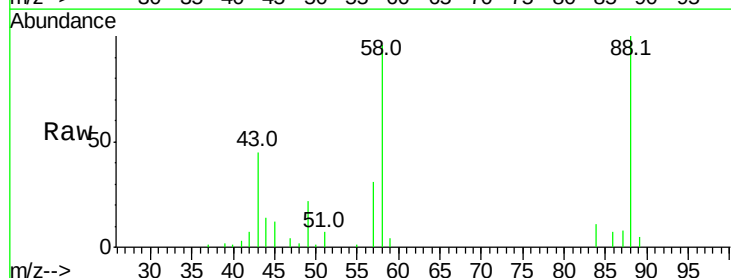
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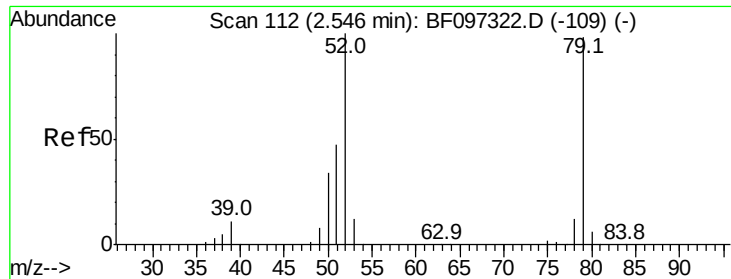


#2

1,4-Dioxane
Concen: 25.038 ng
RT: 1.89 min Scan# 35
Delta R.T. -0.01 min
Lab File: BF097572.D
Acq: 10 Aug 2017 21:51

Tgt Ion	Ratio	Lower	Upper
88	100		
58	96.0	61.4	92.0#
43	50.7	23.4	35.0#





#3

Pvridine

Concen: 22.713 ng

RT: 2.50 min Scan# 139

Delta R.T. 0.01 min

Lab File: BF097572.D

Acq: 10 Aug 2017 21:51

Instrument :

BNA_F

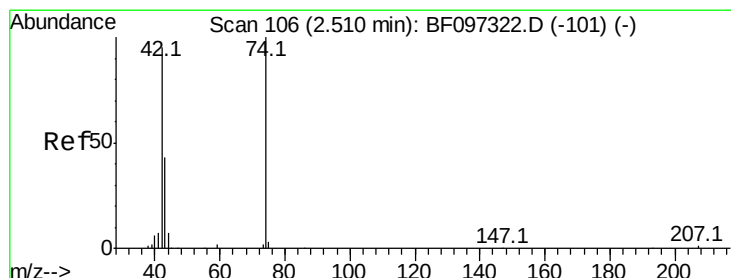
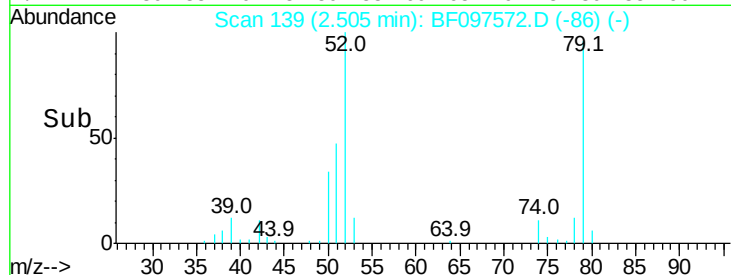
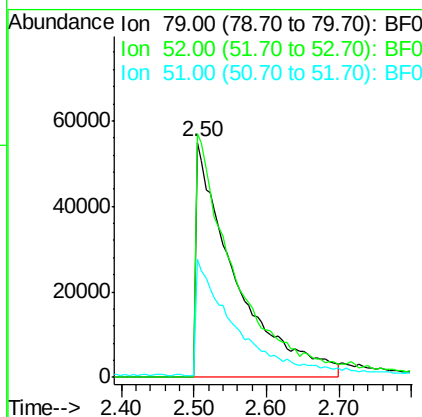
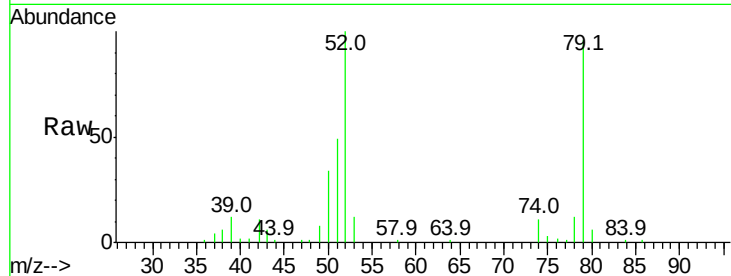
ClientSampleId :

TRAP-ROCK-FINESMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
52	103.7	54.8	82.2#		
51	50.5	27.0	40.4#		

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#4

n-Nitrosodimethylamine

Concen: 25.798 ng

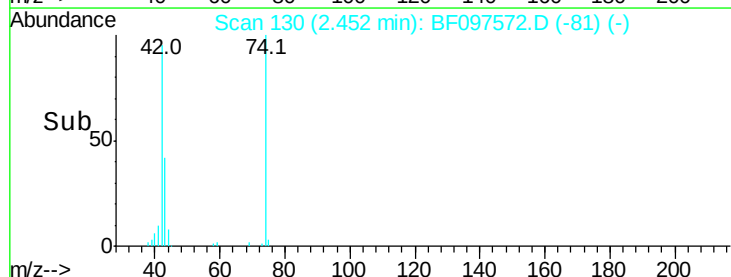
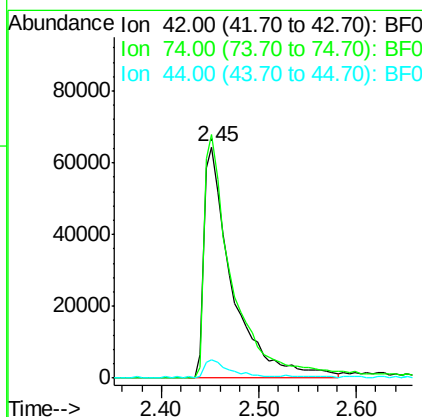
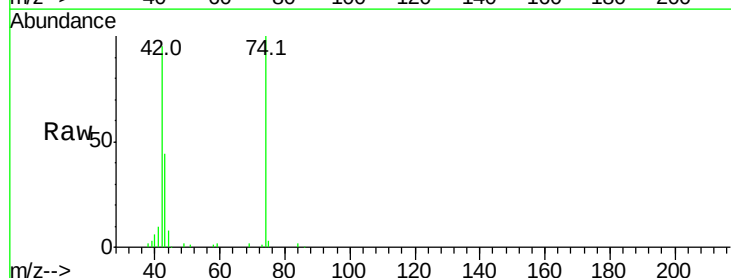
RT: 2.45 min Scan# 130

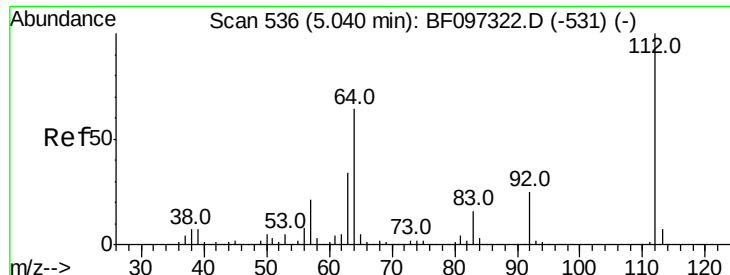
Delta R.T. -0.01 min

Lab File: BF097572.D

Acq: 10 Aug 2017 21:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100				
74	105.5	103.9	155.9		
44	8.0	5.7	8.5		





#5

2-Fluorophenol

Concen: 85.044 ng

RT: 4.99 min Scan# 562

Delta R.T. -0.01 min

Lab File: BF097572.D

Acq: 10 Aug 2017 21:51

Instrument :

BNA_F

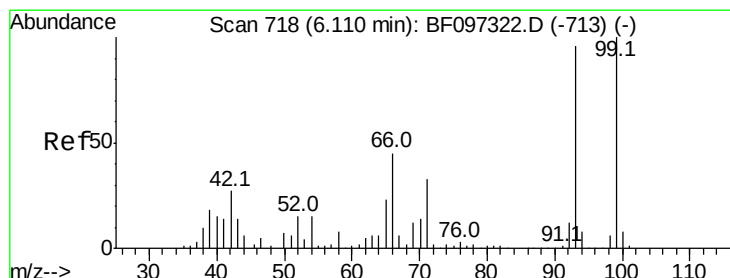
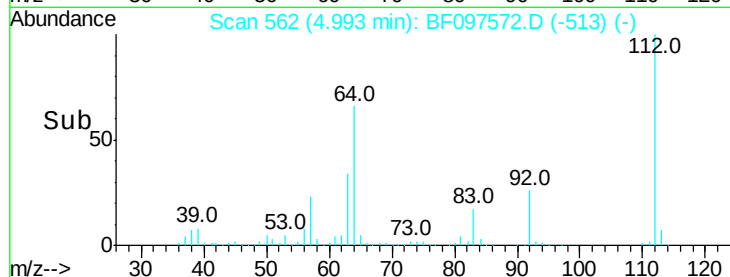
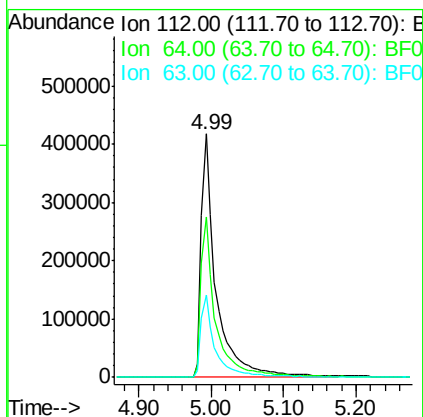
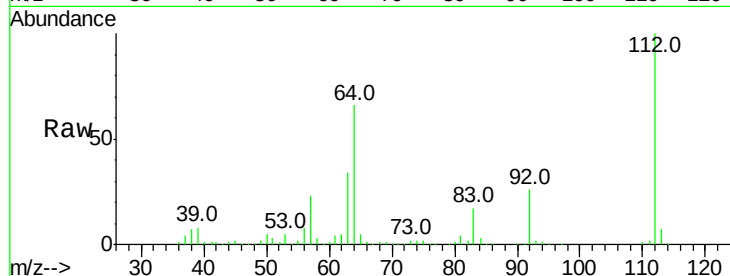
ClientSampleId :

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Tot Ion:	112	Resp:	604493
Ion Ratio	Lower	Upper	
112	100		
64	66.0	46.0	69.0
63	33.8	23.4	35.0

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#6

Aniline

Concen: 25.402 ng

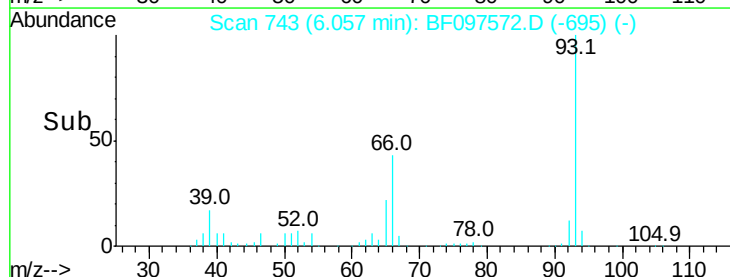
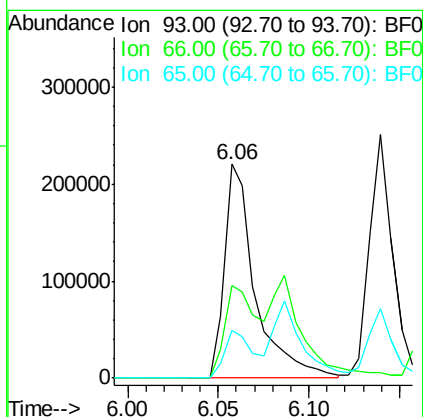
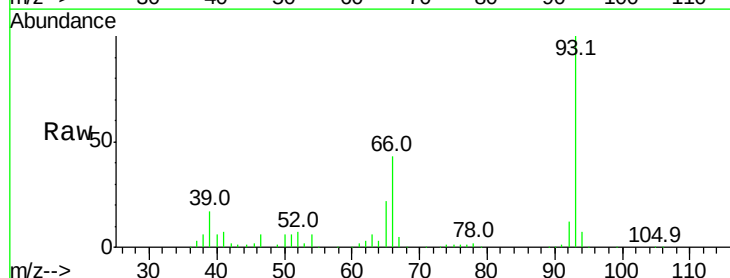
RT: 6.06 min Scan# 743

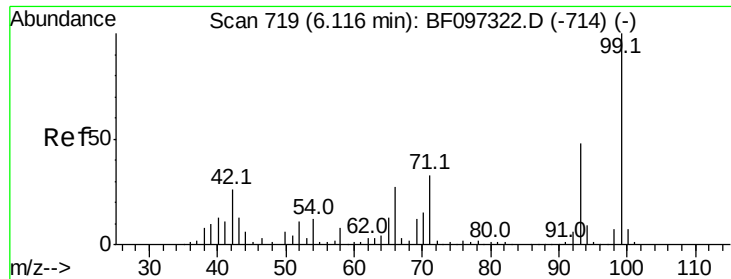
Delta R.T. -0.02 min

Lab File: BF097572.D

Acq: 10 Aug 2017 21:51

Tgt Ion:	93	Resp:	259388
Ion Ratio	Lower	Upper	
93	100		
66	43.2	32.9	49.3
65	22.5	16.0	24.0





#7

Phenol-d6

Concen: 90.017 ng

RT: 6.07 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF097572.D

Acq: 10 Aug 2017 21:51

Instrument :

BNA_F

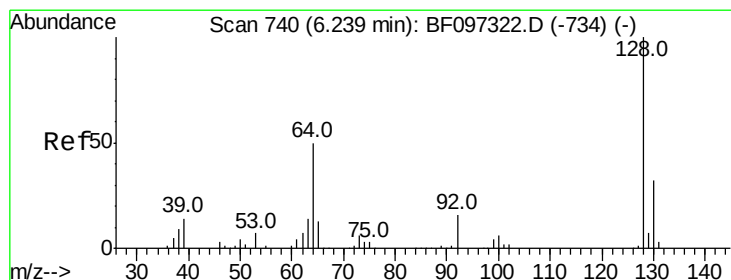
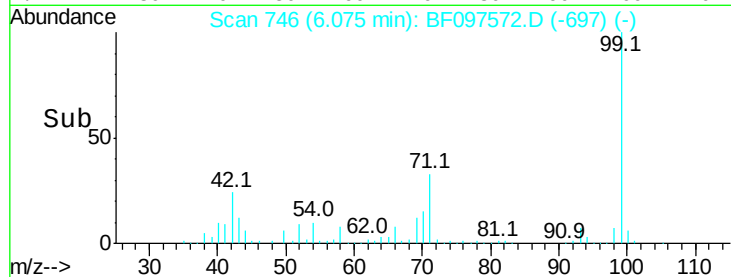
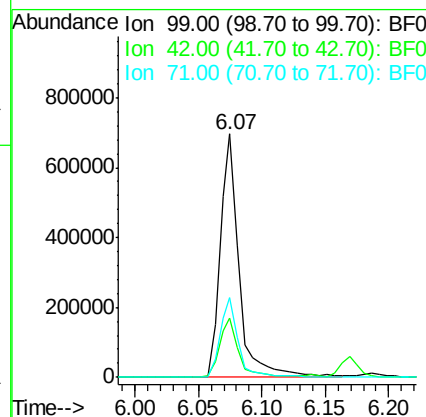
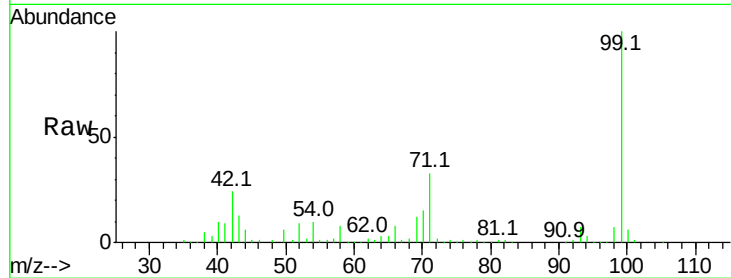
ClientSampleId :

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Tot Ion:	99	Resp:	730449
Ion Ratio	Lower	Upper	
99	100		
42	24.1	13.5	20.3#
71	32.9	24.5	36.7

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#8

2-Chlorophenol

Concen: 29.750 ng

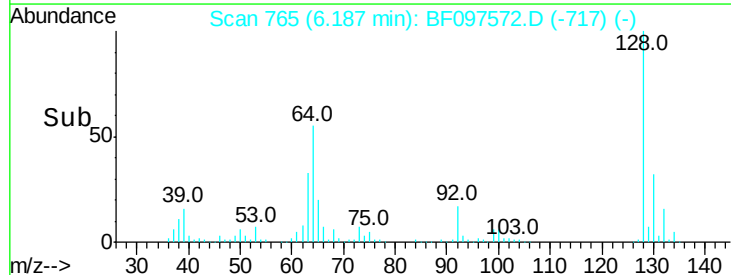
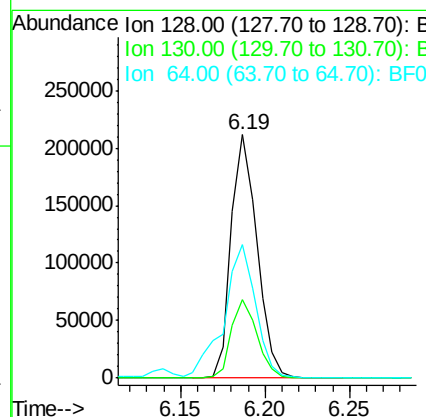
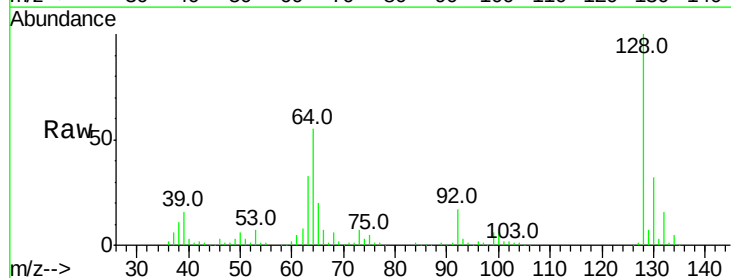
RT: 6.19 min Scan# 765

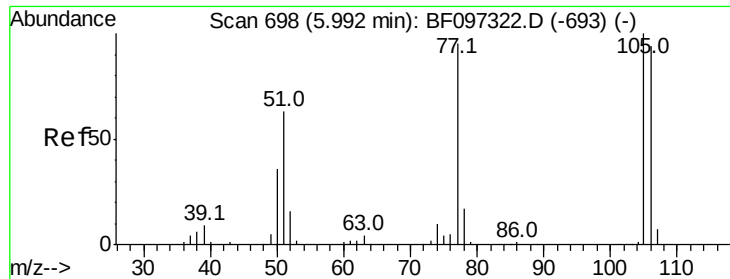
Delta R.T. -0.02 min

Lab File: BF097572.D

Acq: 10 Aug 2017 21:51

Tgt Ion:	128	Resp:	226114
Ion Ratio	Lower	Upper	
128	100		
130	32.2	12.9	52.9
64	55.0	28.4	68.4





#9

Benzaldehyde

Concen: 19.663 ng

RT: 5.95 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF097572.D

Acq: 10 Aug 2017 21:51

Instrument :

BNA_F

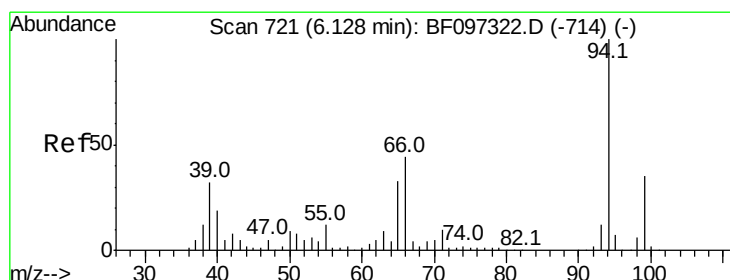
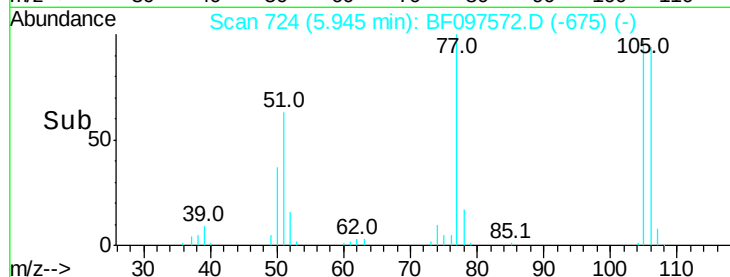
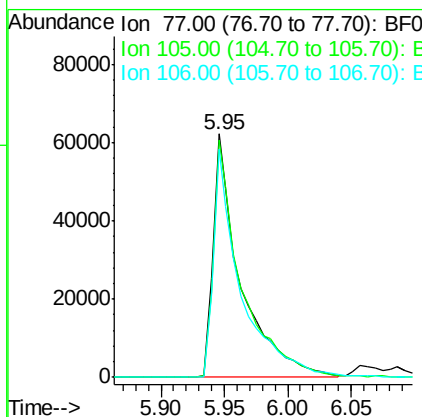
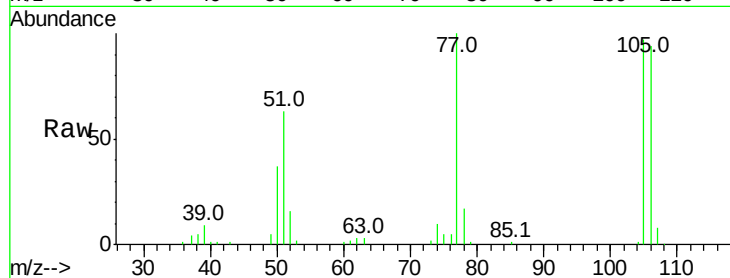
ClientSampleId :

TRAP-ROCK-FINESMSD

Tot Ion:	77	Resp:	94445
Ion	Ratio	Lower	Upper
77	100		
105	97.4	83.8	123.8
106	93.6	79.1	119.1

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#10

Phenol

Concen: 33.440 ng

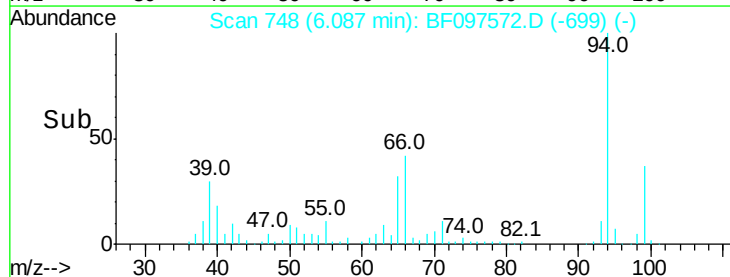
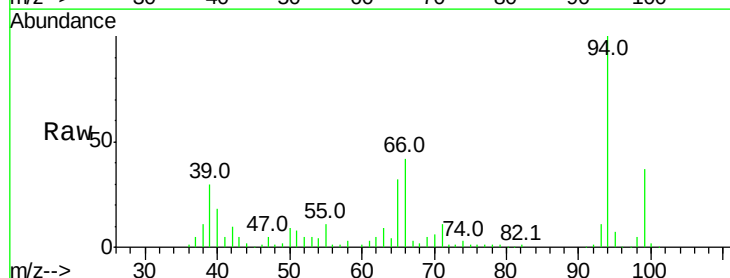
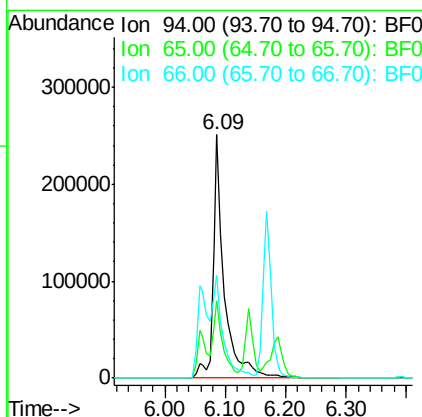
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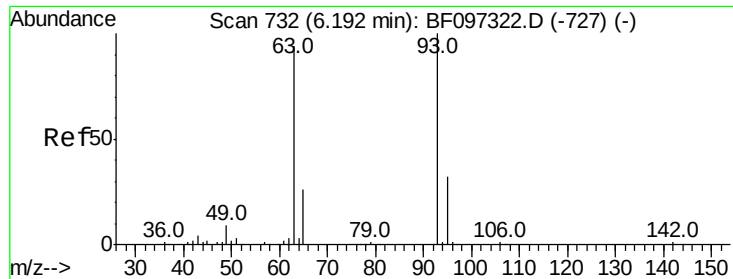
Delta R.T. -0.01 min

Lab File: BF097572.D

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Tgt Ion:	94	Resp:	321863
Ion	Ratio	Lower	Upper
94	100		
65	31.8	9.9	49.9
66	42.4	23.1	63.1





#11

bis(2-Chloroethyl)ether

Concen: 29.608 ng

RT: 6.14 min Scan# 757

Delta R.T. -0.02 min

Lab File: BF097572.D

Acq: 10 Aug 2017 21:51

Instrument :

BNA_F

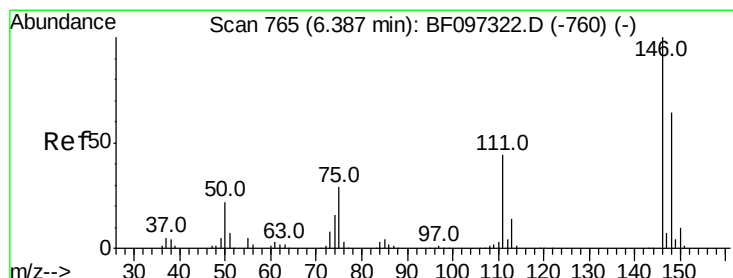
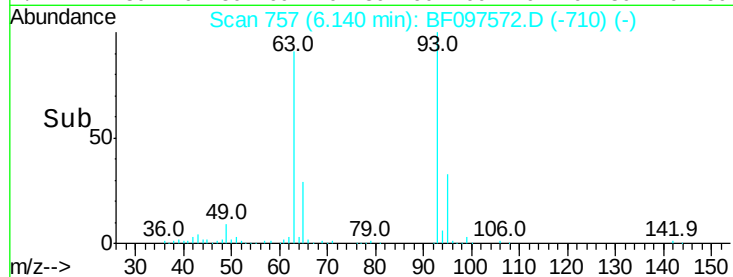
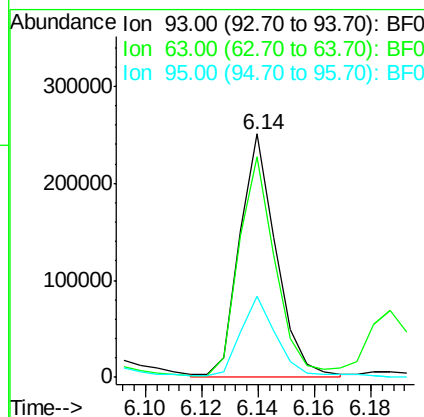
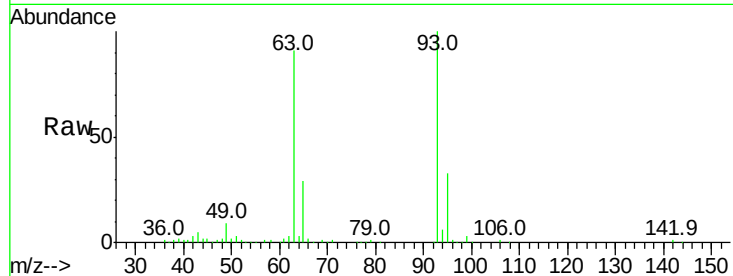
ClientSampleId :

TRAP-ROCK-FINESMSD

Tot Ion:	93	Resp:	225392
Ion Ratio	Lower	Upper	
93	100		
63	90.7	59.2	99.2
95	33.1	12.8	52.8

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#12

1,3-Dichlorobenzene

Concen: 26.978 ng

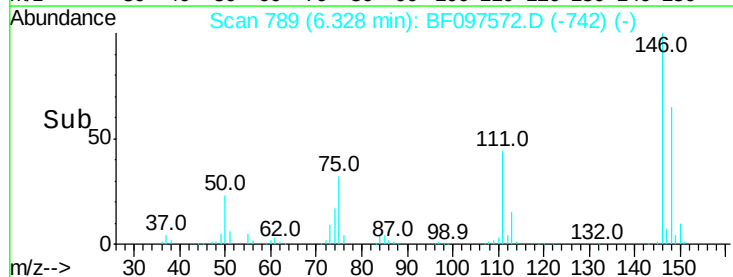
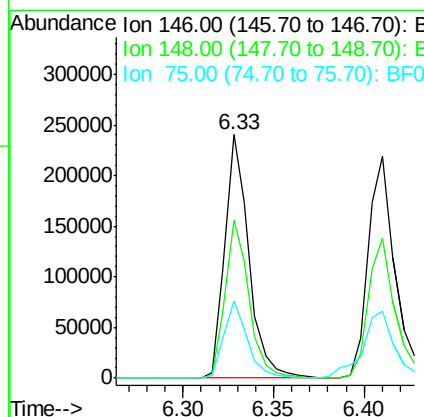
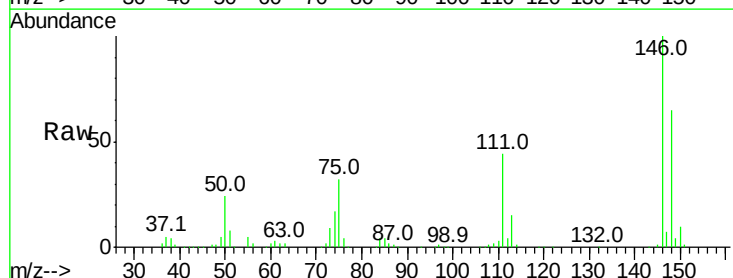
RT: 6.33 min Scan# 789

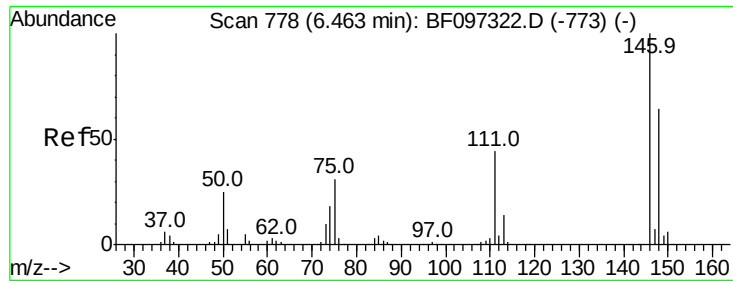
Delta R.T. -0.02 min

Lab File: BF097572.D

Acq: 10 Aug 2017 21:51

Tgt Ion:	146	Resp:	220972
Ion Ratio	Lower	Upper	
146	100		
148	64.9	51.8	77.6
75	31.8	23.1	34.7





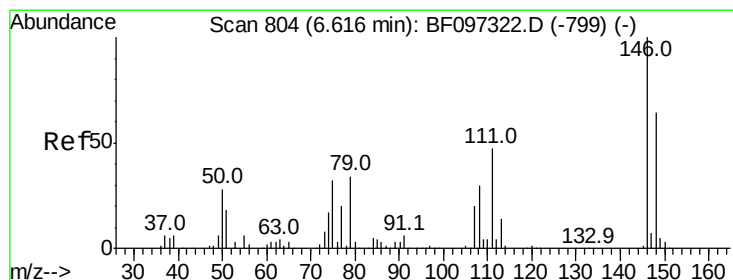
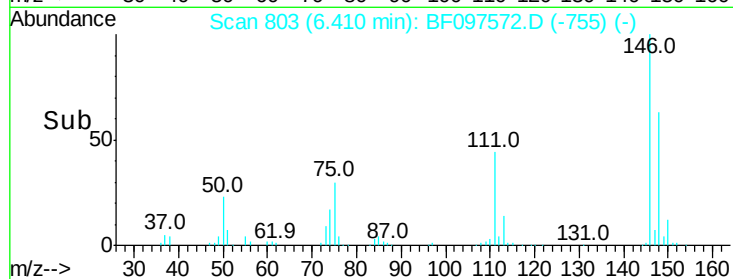
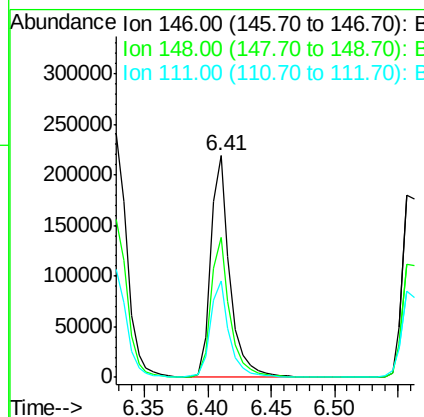
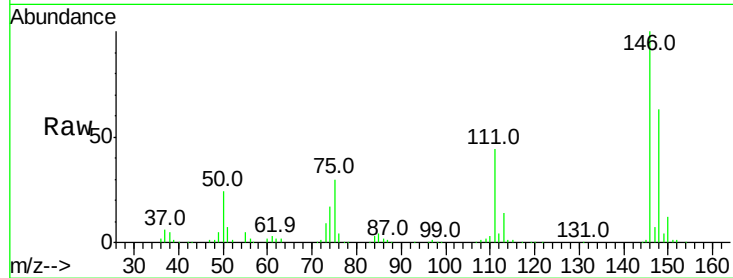
#13
 1,4-Dichlorobenzene
 Concen: 28.531 ng
 RT: 6.41 min Scan# 803
 Delta R.T. -0.02 min
 Lab File: BF097572.D
 Acq: 10 Aug 2017 21:51

Instrument :
 BNA_F
 ClientSampleId :
 TRAP-ROCK-FINESMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.2	52.2	78.2
111	43.6	30.3	45.5

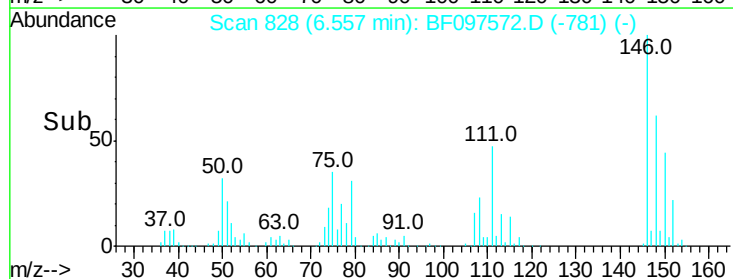
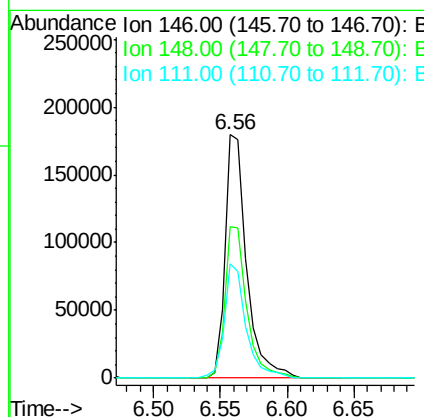
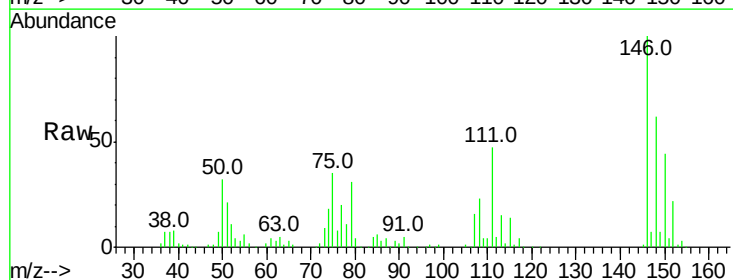
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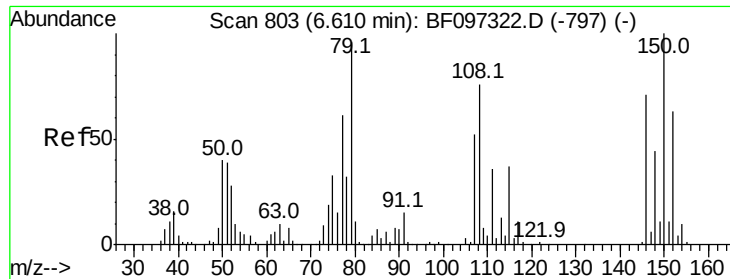
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#14
 1,2-Dichlorobenzene
 Concen: 28.911 ng
 RT: 6.56 min Scan# 828
 Delta R.T. -0.02 min
 Lab File: BF097572.D
 Acq: 10 Aug 2017 21:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.4	50.4	75.6
111	47.1	38.2	57.4





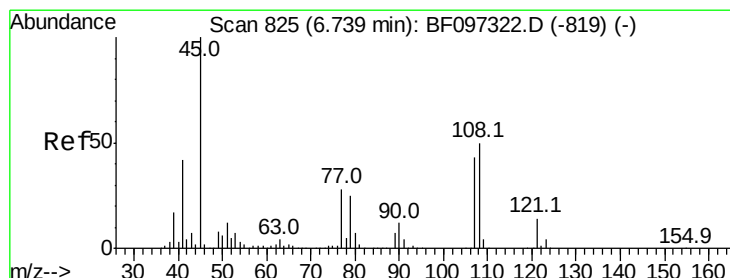
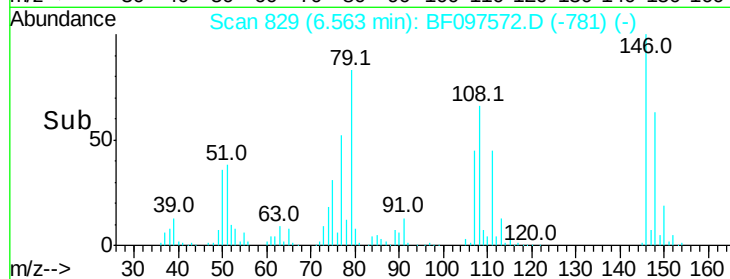
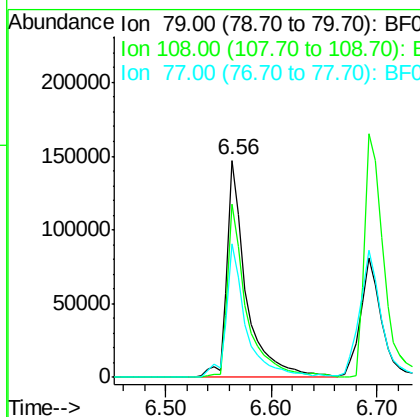
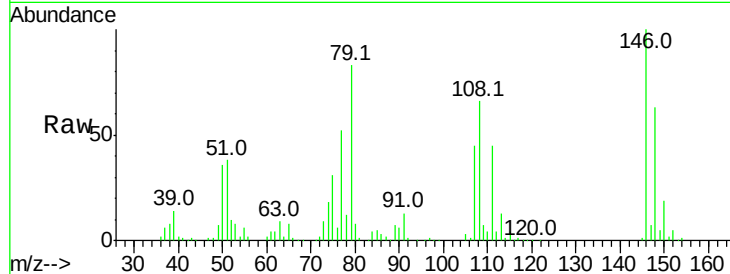
#15
Benzyl Alcohol
Concen: 36.537 ng
RT: 6.56 min Scan# 829
Delta R.T. -0.02 min
Lab File: BF097572.D
Acq: 10 Aug 2017 21:51

Instrument :
BNA_F
ClientSampleId :
TRAP-ROCK-FINESMSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	79.7	63.4	95.0
77	61.7	49.2	73.8

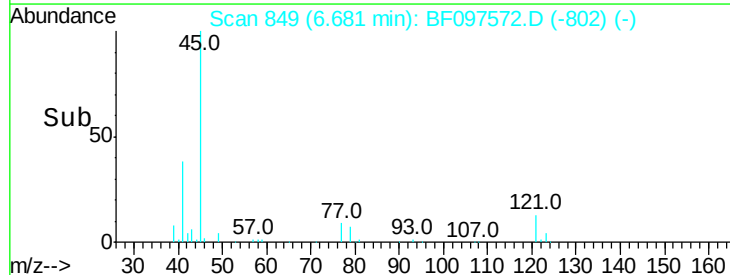
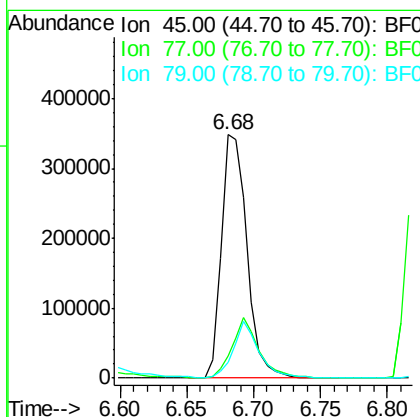
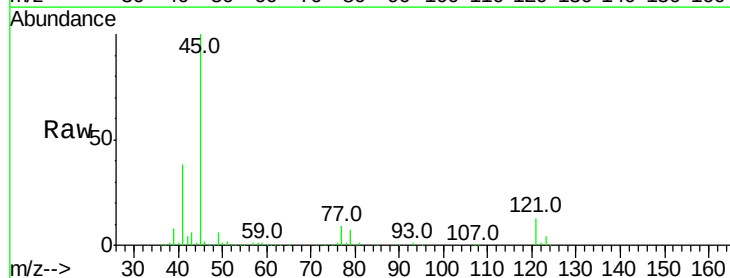
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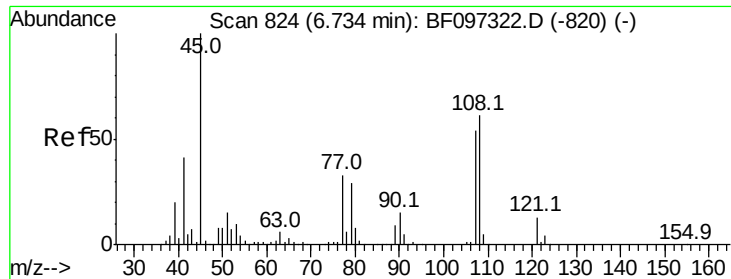
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 30.791 ng
RT: 6.68 min Scan# 849
Delta R.T. -0.02 min
Lab File: BF097572.D
Acq: 10 Aug 2017 21:51

Tgt Ion	Ratio	Lower	Upper
45	100		
77	9.1	0.0	33.2
79	6.6	0.0	30.0





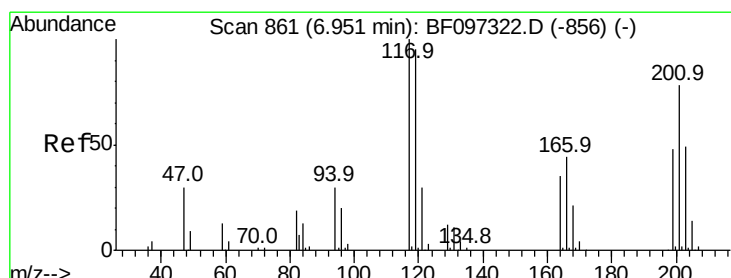
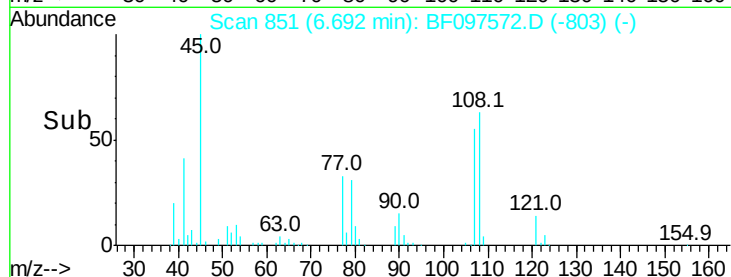
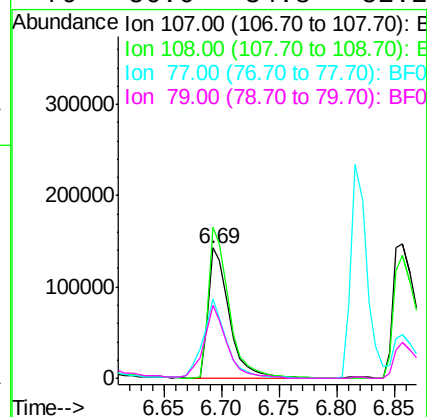
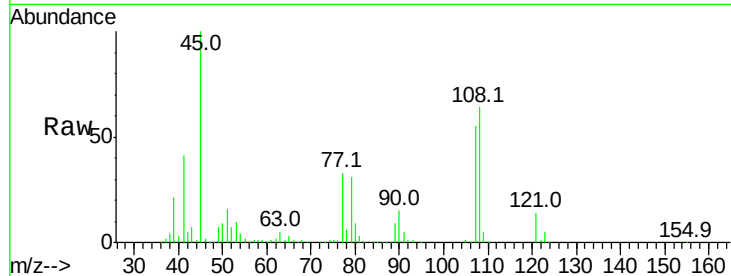
#17
2-Methylphenol
Concen: 31.169 ng
RT: 6.69 min Scan# 851
Delta R.T. -0.02 min
Lab File: BF097572.D
Acq: 10 Aug 2017 21:51

Instrument :
BNA_F
ClientSampleId :
TRAP-ROCK-FINESMSD

Tot Ion	Ratio	Resp Lower	Resp Upper
107	100		
108	116.0	93.4	140.0
77	60.7	35.8	53.6#
79	56.6	34.8	52.2#

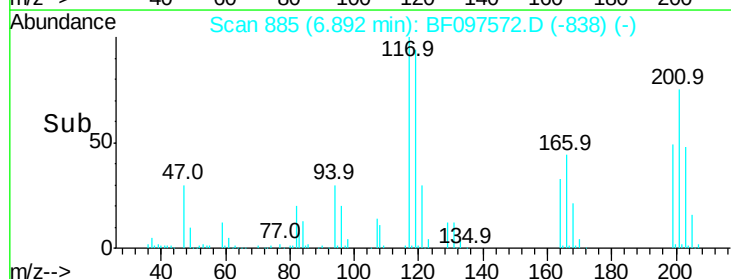
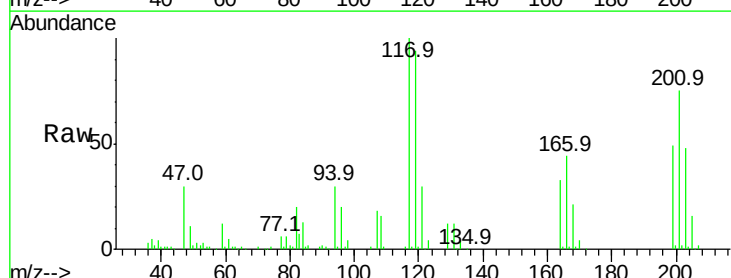
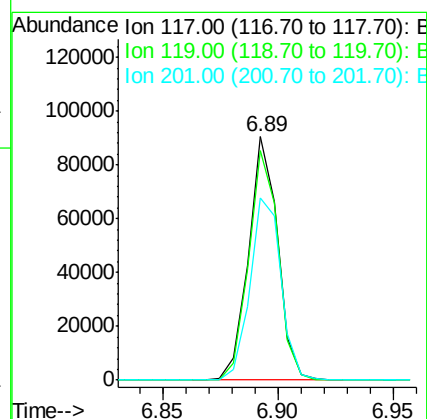
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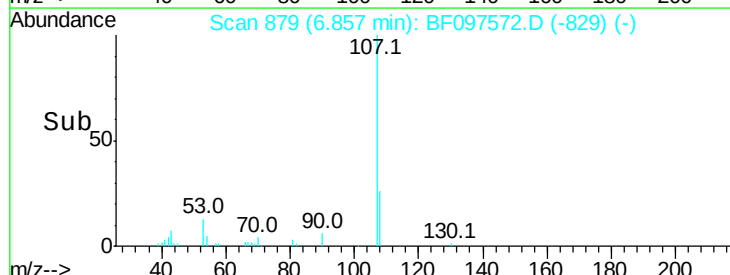
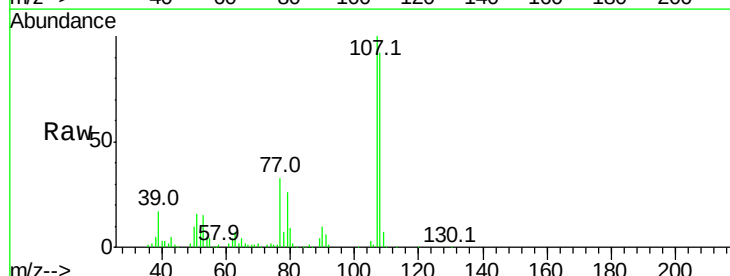
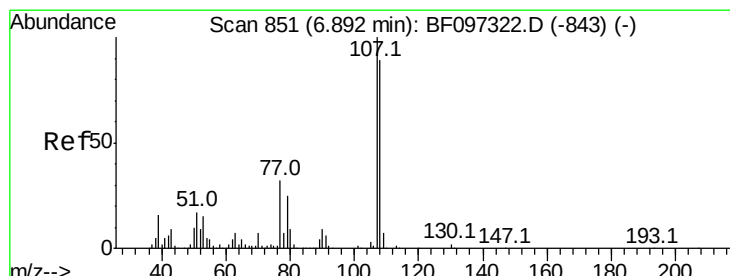
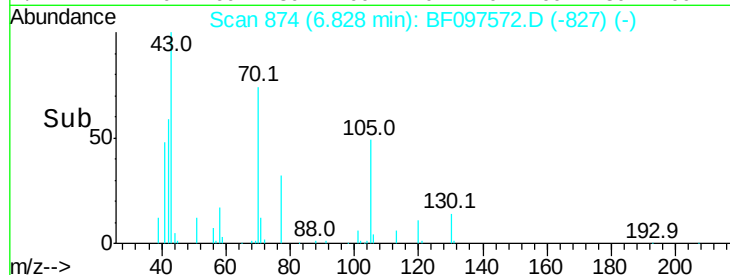
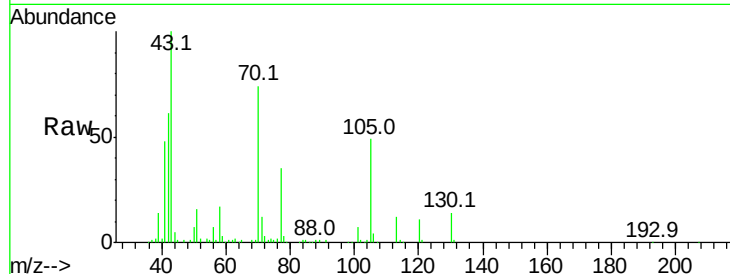
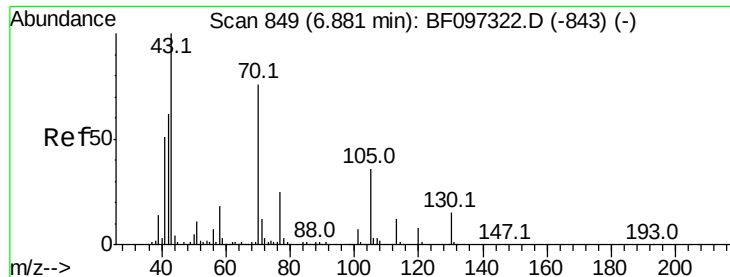
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#18
Hexachloroethane
Concen: 26.864 ng
RT: 6.89 min Scan# 885
Delta R.T. -0.02 min
Lab File: BF097572.D
Acq: 10 Aug 2017 21:51

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
119	94.3	77.4	116.0
201	74.9	94.6	141.8#





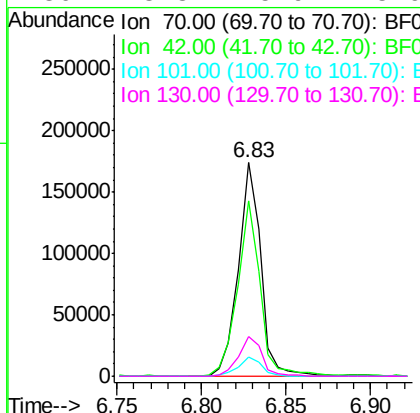
#19
n-Nitroso-di-n-propylamine
Concen: 30.215 ng
RT: 6.83 min Scan# 874
Delta R.T. -0.02 min
Lab File: BF097572.D
Acq: 10 Aug 2017 21:51

Instrument :
BNA_F
ClientSampleId :
TRAP-ROCK-FINESMSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	82.2	47.2	70.8#
101	9.1	7.2	10.8
130	18.8	15.9	23.9

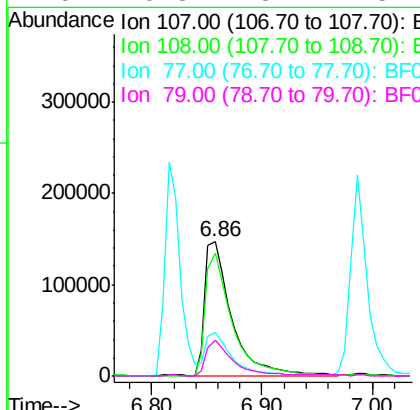
Manual Integrations
APPROVED

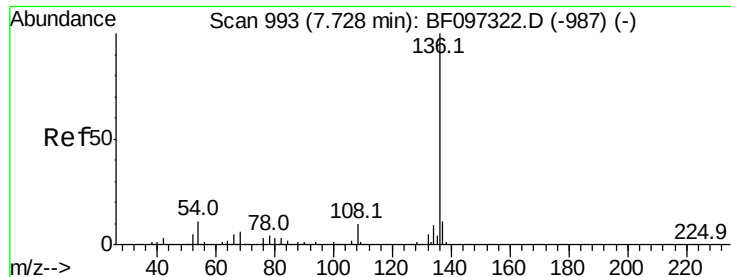
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#20
3+4-Methylphenols
Concen: 31.845 ng
RT: 6.86 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF097572.D
Acq: 10 Aug 2017 21:51

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.9	71.0	111.0
77	32.6	90.5	130.5#
79	26.3	8.4	48.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.67 min Scan# 1018

Delta R.T. -0.02 min

Lab File: BF097572.D

Acq: 10 Aug 2017 21:51

Instrument :

BNA_F

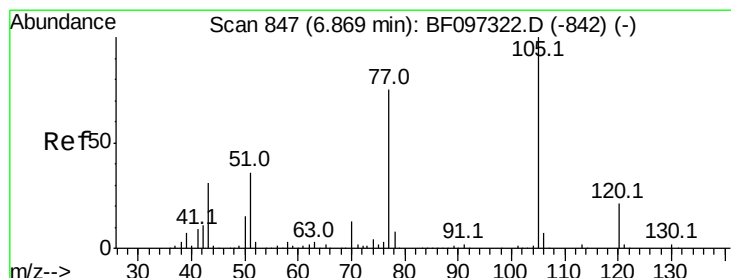
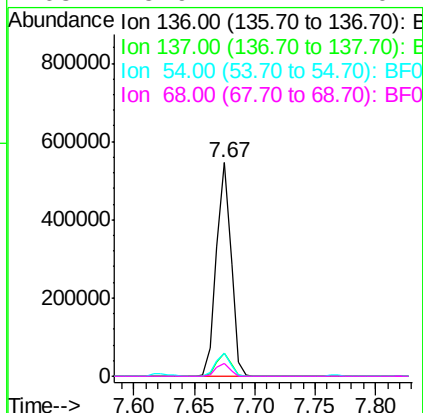
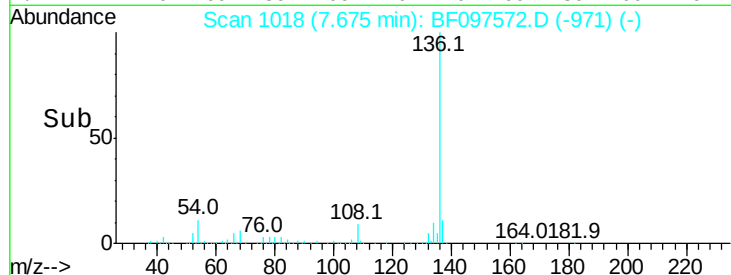
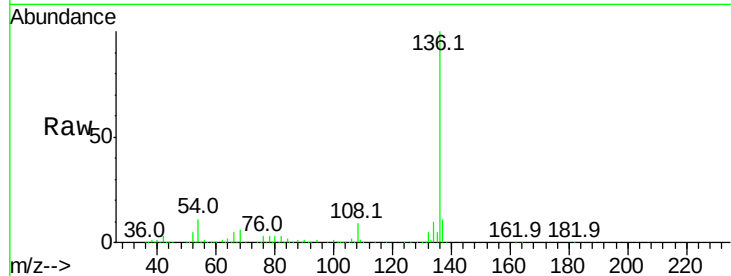
ClientSampleId :

TRAP-ROCK-FINESMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	453299		
137	10.7		8.5	12.7
54	10.9		4.9	7.3#
68	5.9		4.1	6.1

Manual Integrations
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#22

Acetophenone

Concen: 28.441 ng

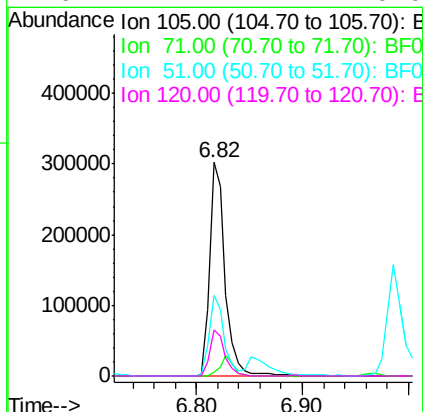
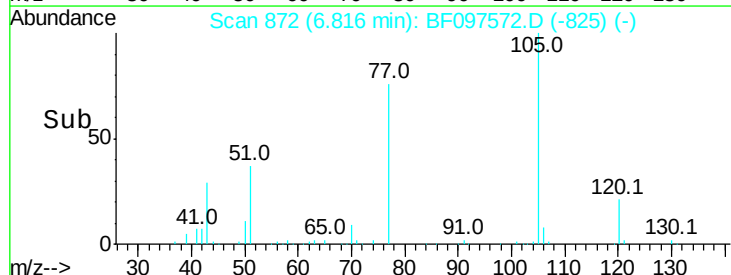
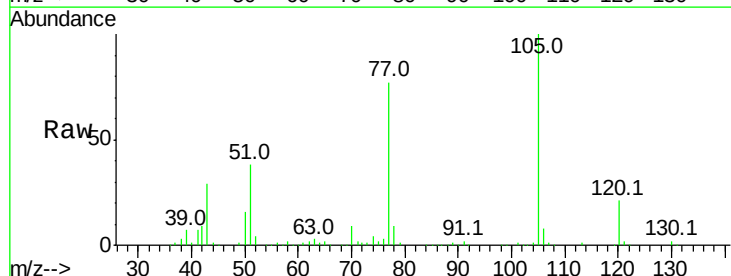
RT: 6.82 min Scan# 872

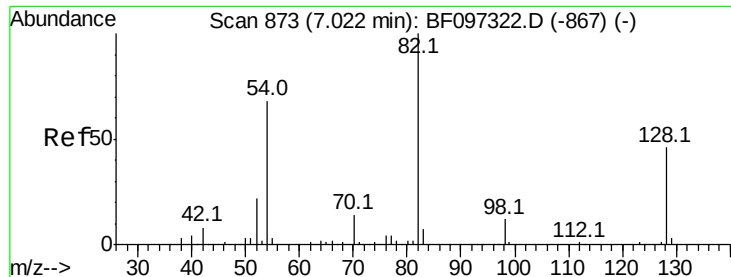
Delta R.T. -0.02 min

Lab File: BF097572.D

Acq: 10 Aug 2017 21:51

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	309609		
71	1.7		2.8	4.2#
51	38.0		30.7	46.1
120	21.4		17.4	26.0





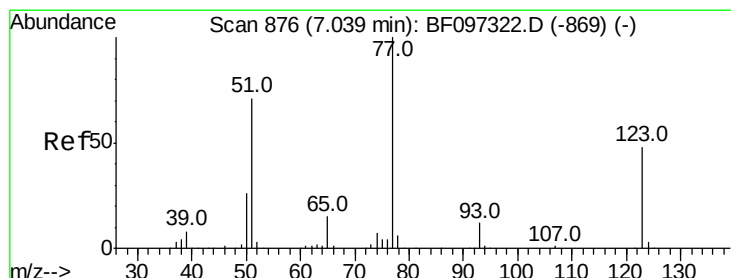
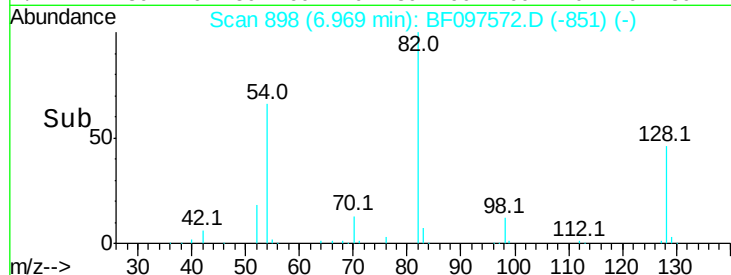
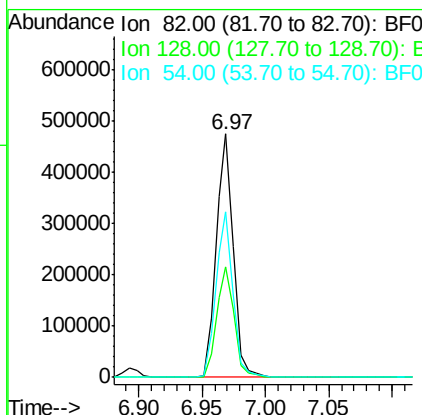
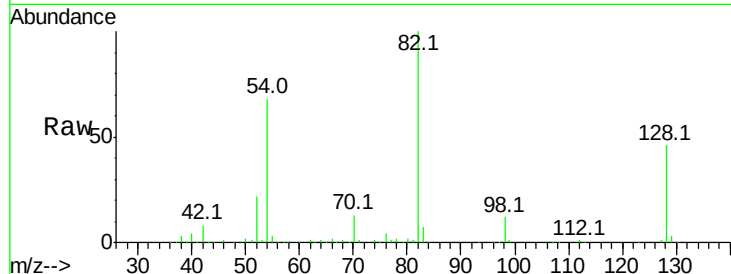
#23
 Nitrobenzene-d5
 Concen: 58.374 ng
 RT: 6.97 min Scan# 898
 Delta R.T. -0.02 min
 Lab File: BF097572.D
 Acq: 10 Aug 2017 21:51

Instrument :
 BNA_F
 ClientSampleId :
 TRAP-ROCK-FINESMSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.6	34.0	51.0
54	67.8	42.2	63.2

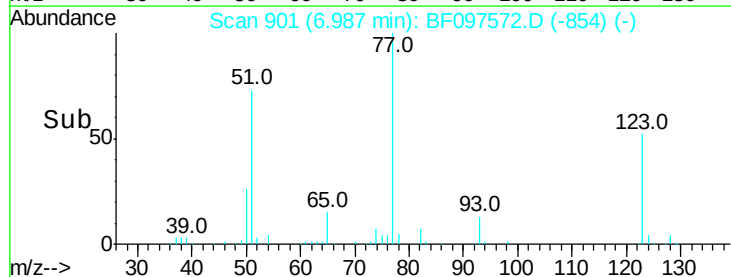
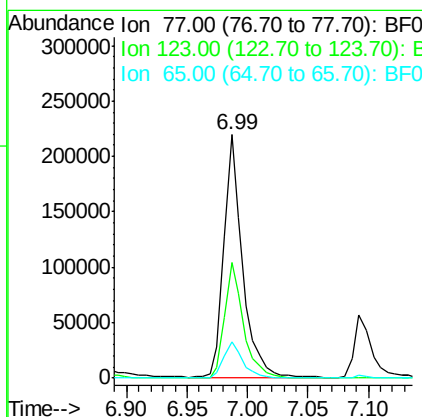
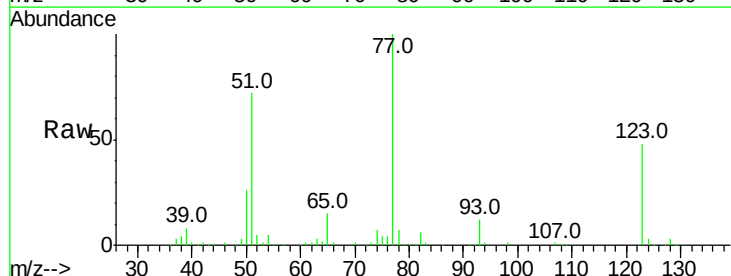
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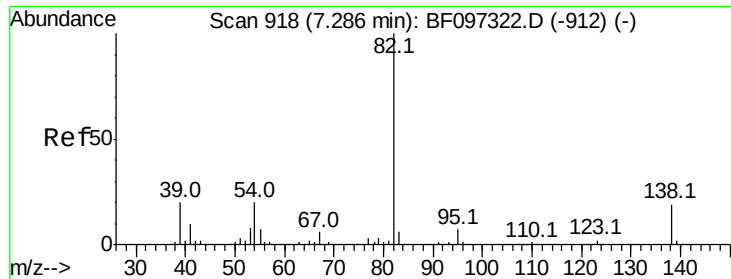
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#24
 Nitrobenzene
 Concen: 29.419 ng
 RT: 6.99 min Scan# 901
 Delta R.T. -0.02 min
 Lab File: BF097572.D
 Acq: 10 Aug 2017 21:51

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.5	35.8	53.8
65	14.9	10.6	15.8





#25

Isophorone

Concen: 27.210 ng

RT: 7.23 min Scan# 943

Delta R.T. -0.02 min

Lab File: BF097572.D

Acq: 10 Aug 2017 21:51

Instrument :

BNA_F

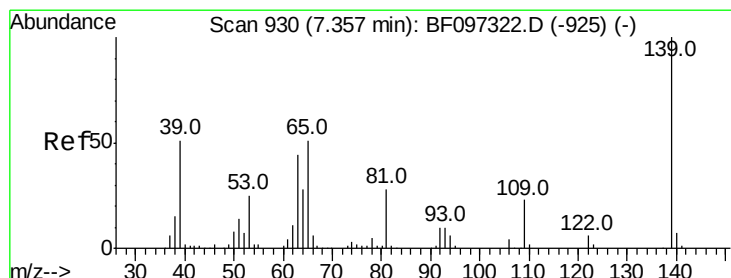
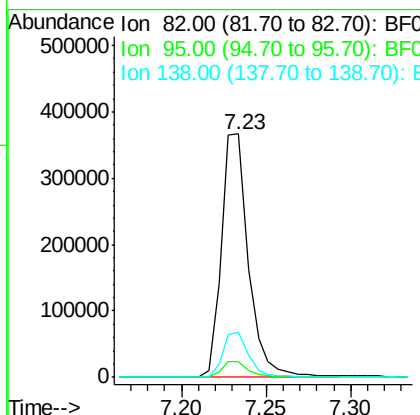
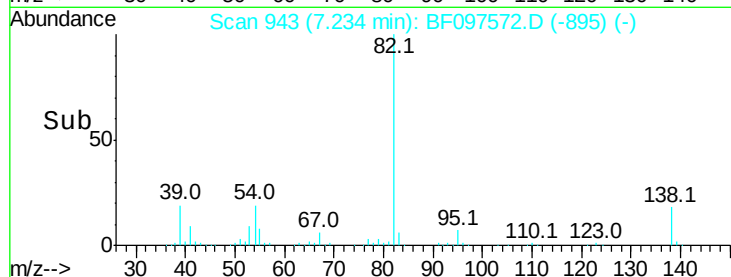
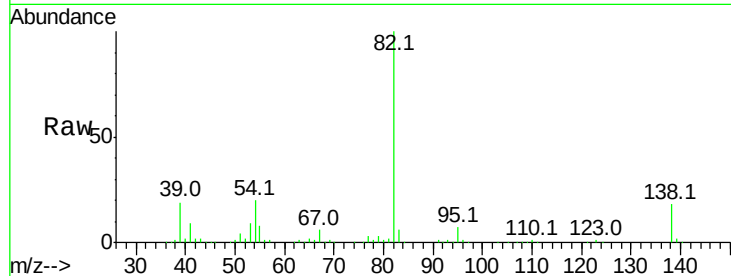
ClientSampleId :

TRAP-ROCK-FINESMSD

Tot Ion:	82	Resp:	411759
Ion Ratio	Lower	Upper	
82	100		
95	6.5	5.3	7.9
138	18.3	13.1	19.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 28.012 ng

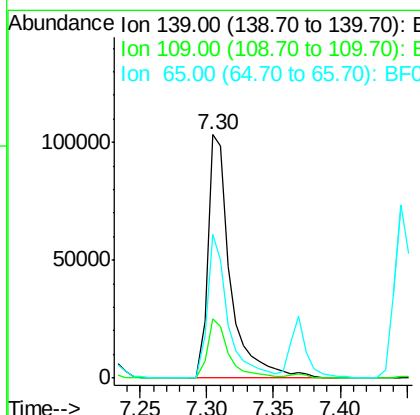
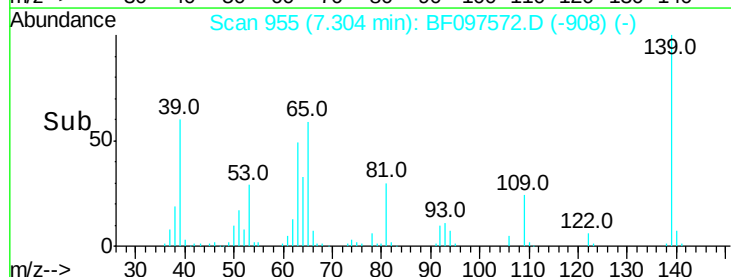
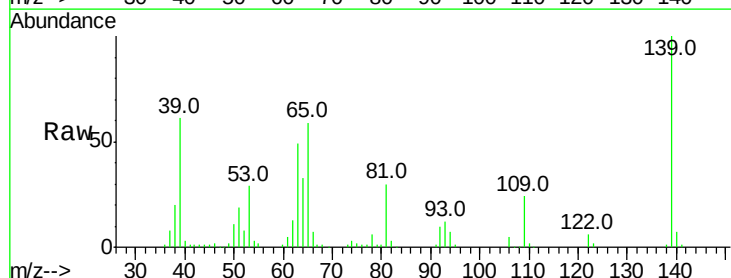
RT: 7.30 min Scan# 955

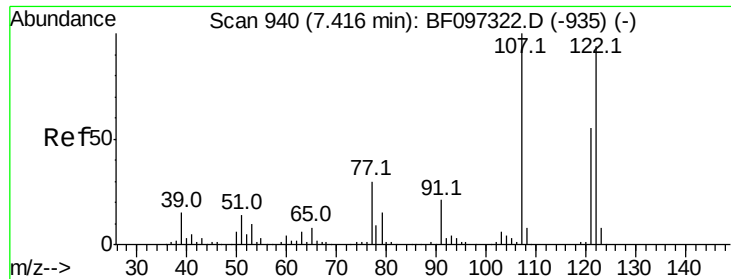
Delta R.T. -0.02 min

Lab File: BF097572.D

Acq: 10 Aug 2017 21:51

Tgt Ion:	139	Resp:	121962
Ion Ratio	Lower	Upper	
139	100		
109	24.1	21.0	31.6
65	58.8	33.0	49.6#





#27

2,4-Dimethylphenol

Concen: 27.300 ng

RT: 7.37 min Scan# 966

Delta R.T. -0.02 min

Lab File: BF097572.D

Acq: 10 Aug 2017 21:51

Instrument :

BNA_F

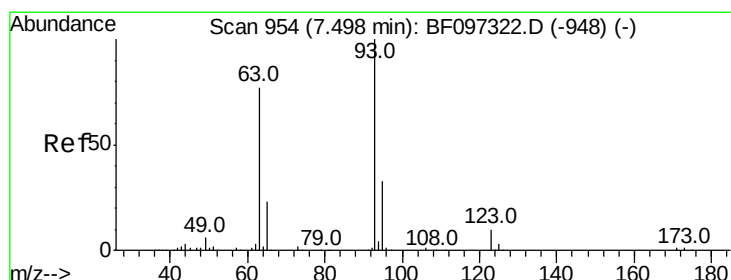
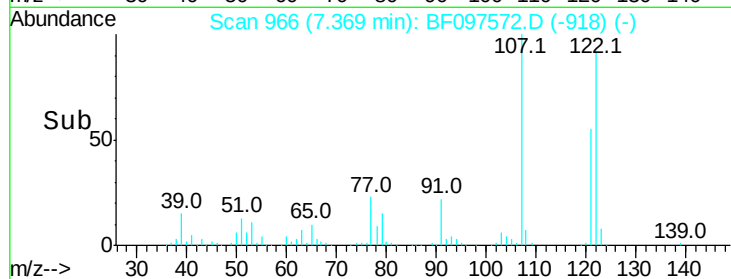
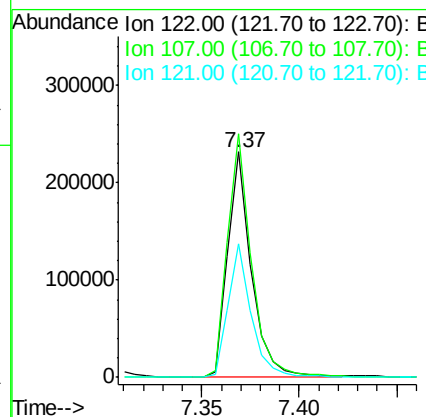
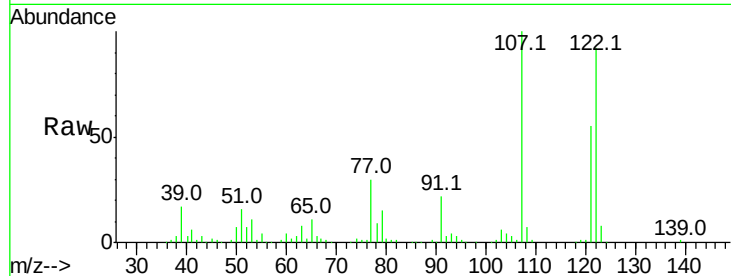
ClientSampleId :

TRAP-ROCK-FINESMSD

Tot Ion:	122	Resp:	196070
Ion Ratio	Lower	Upper	
122	100		
107	108.2	89.2	133.8
121	59.1	45.2	67.8

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#28

bis(2-Chloroethoxy)methane

Concen: 28.575 ng

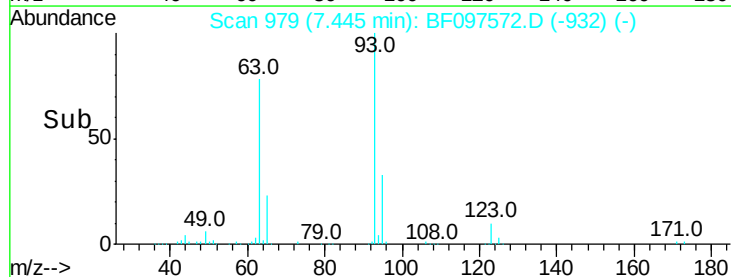
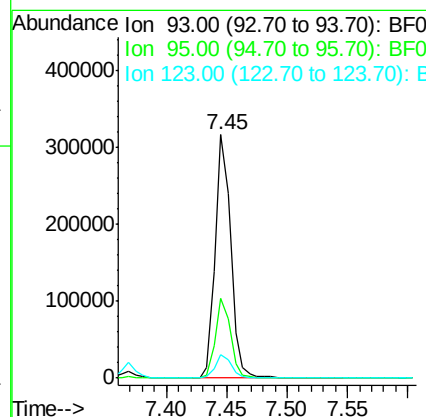
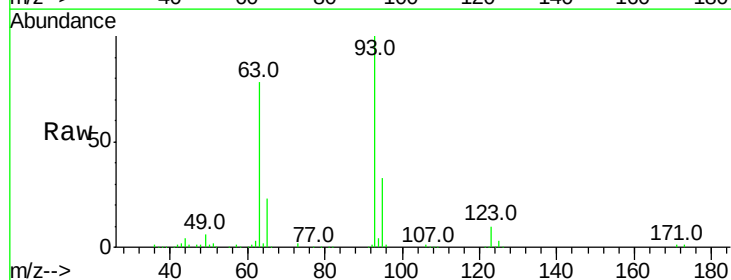
RT: 7.45 min Scan# 979

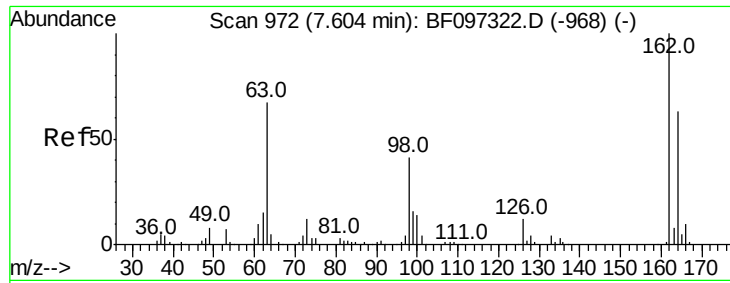
Delta R.T. -0.02 min

Lab File: BF097572.D

Acq: 10 Aug 2017 21:51

Tgt Ion:	93	Resp:	282185
Ion Ratio	Lower	Upper	
93	100		
95	32.6	26.5	39.7
123	9.7	9.0	13.4





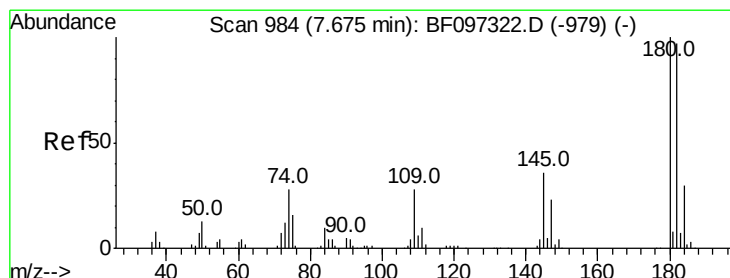
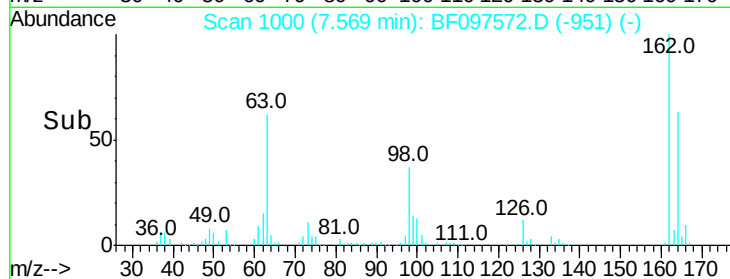
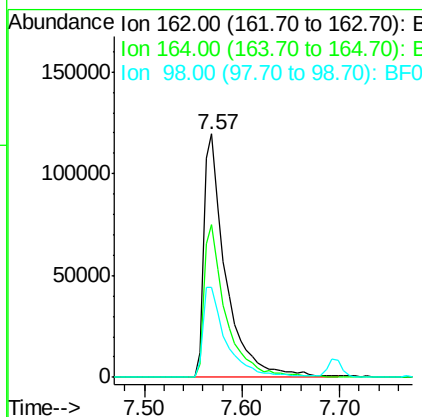
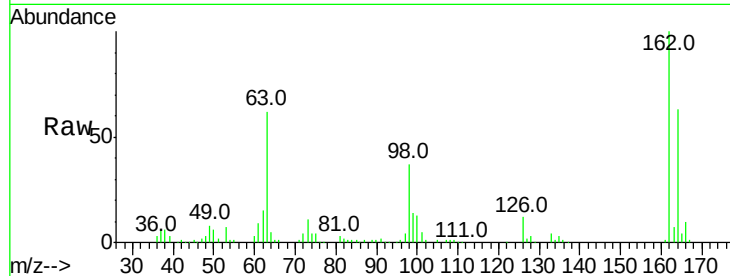
#29
 2,4-Dichlorophenol
 Concen: 29.957 ng
 RT: 7.57 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: BF097572.D
 Acq: 10 Aug 2017 21:51

Instrument :
 BNA_F
 ClientSampleId :
 TRAP-ROCK-FINESMSD

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	62.6	44.6	84.6
98	36.8	14.8	54.8

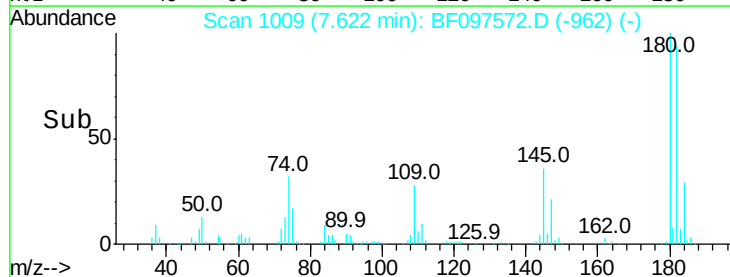
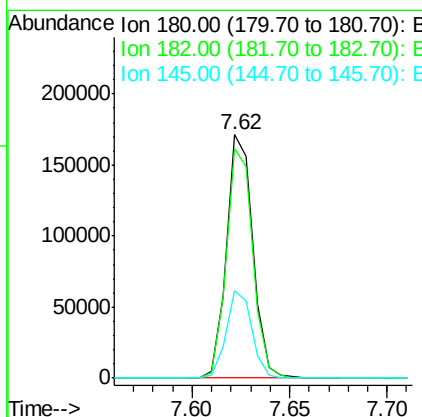
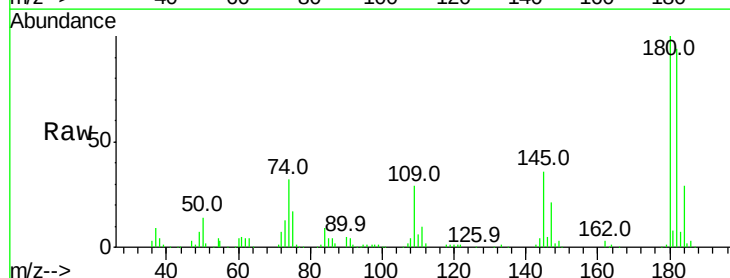
Manual Integrations
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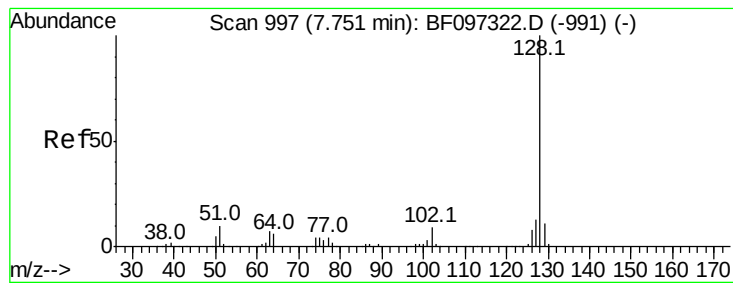
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#30
 1,2,4-Trichlorobenzene
 Concen: 27.103 ng
 RT: 7.62 min Scan# 1009
 Delta R.T. -0.02 min
 Lab File: BF097572.D
 Acq: 10 Aug 2017 21:51

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.4	75.8	113.6
145	36.1	25.3	37.9





#31

Naphthalene

Concen: 28.756 ng

RT: 7.70 min Scan# 1022

Delta R.T. -0.02 min

Lab File: BF097572.D

Acq: 10 Aug 2017 21:51

Instrument :

BNA_F

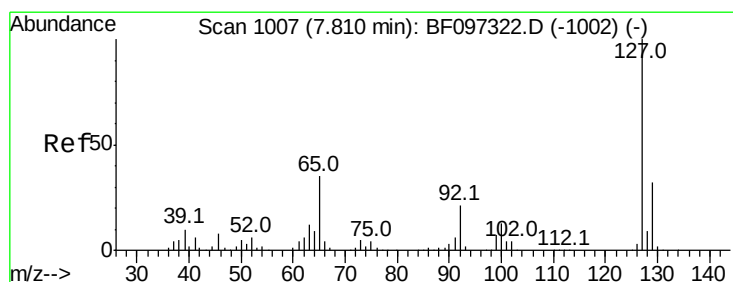
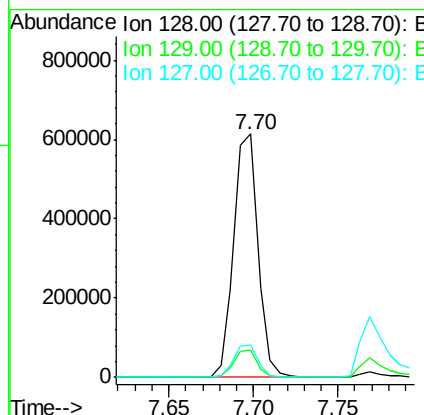
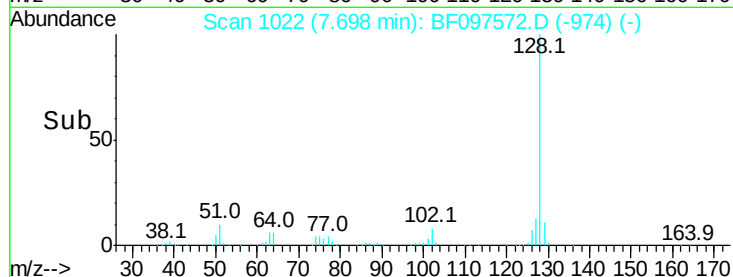
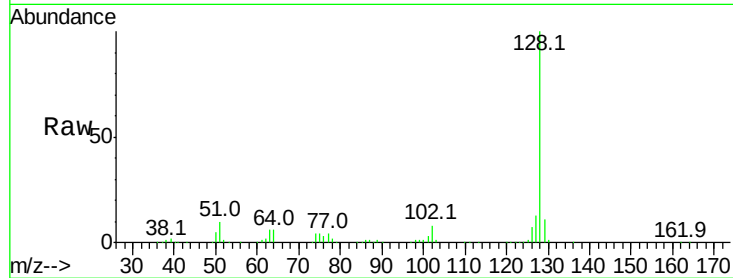
ClientSampleId :

TRAP-ROCK-FINESMSD

Tot Ion:	128	Resp:	614466
Ion Ratio	Lower	Upper	
128	100		
129	11.0	9.0	13.6
127	13.5	10.8	16.2

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#33

4-Chloroaniline

Concen: 21.987 ng

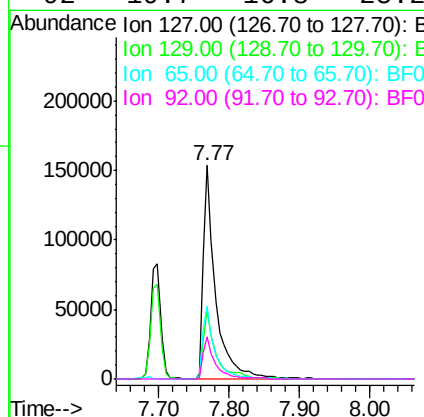
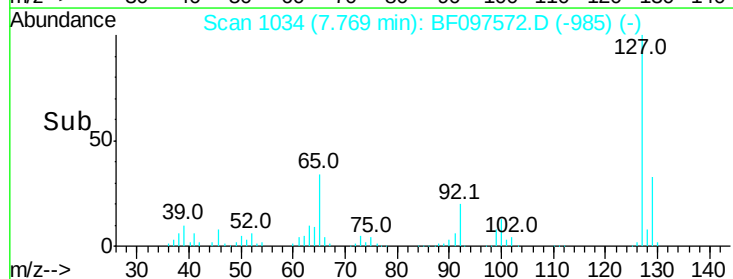
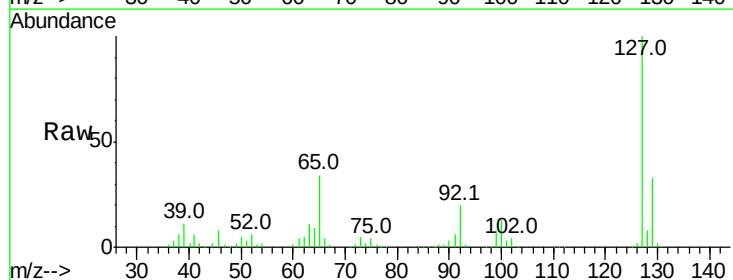
RT: 7.77 min Scan# 1034

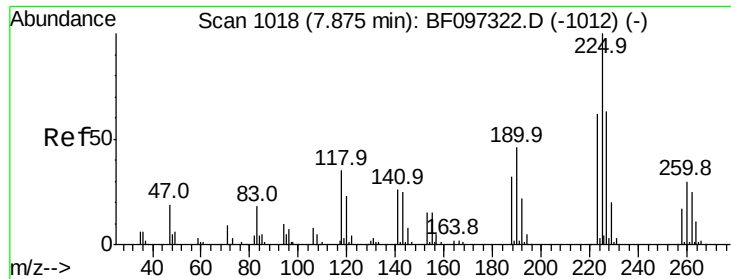
Delta R.T. -0.01 min

Lab File: BF097572.D

Acq: 10 Aug 2017 21:51

Tgt Ion:	127	Resp:	191164
Ion Ratio	Lower	Upper	
127	100		
129	32.6	26.2	39.2
65	34.1	27.8	41.8
92	19.7	16.8	25.2





#34

Hexachlorobutadiene

Concen: 26.013 ng

RT: 7.82 min Scan# 1042

Delta R.T. -0.02 min

Lab File: BF097572.D

Acq: 10 Aug 2017 21:51

Instrument :

BNA_F

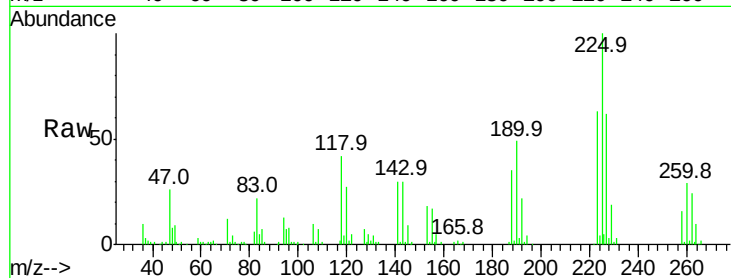
ClientSampleId :

TRAP-ROCK-FINESMSD

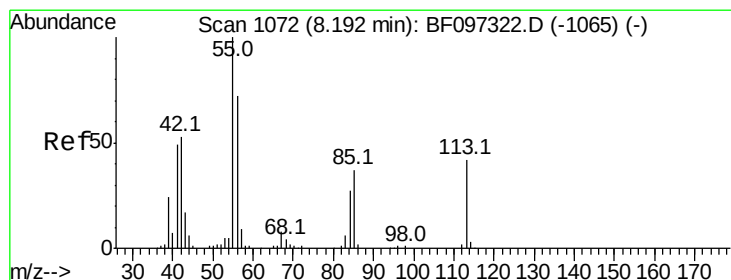
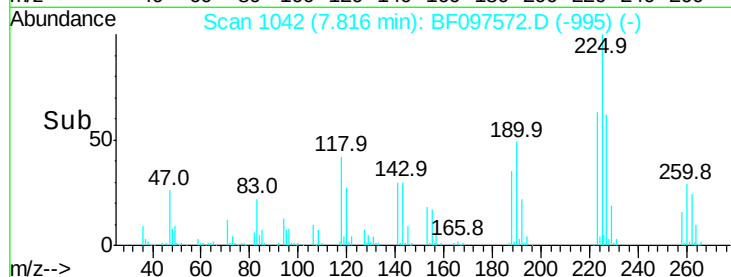
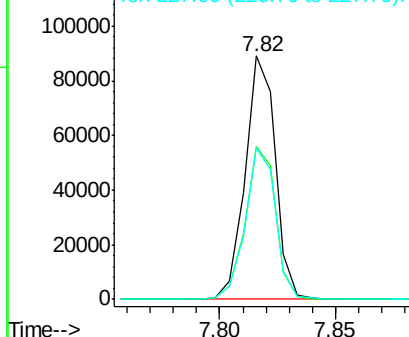
Tot Ion:	225	Resp:	81330
Ion Ratio	Lower	Upper	
225	100		
223	62.5	48.8	73.2
227	62.1	51.1	76.7

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



#35

Caprolactam

Concen: 24.182 ng

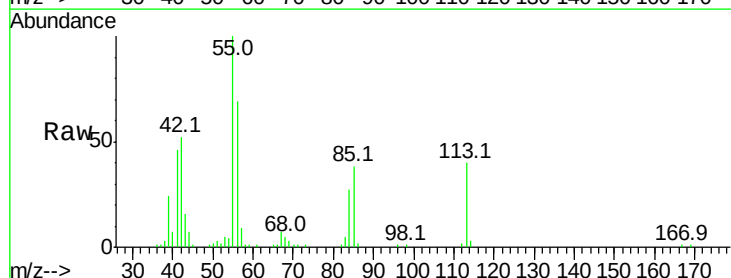
RT: 8.14 min Scan# 1097

Delta R.T. -0.03 min

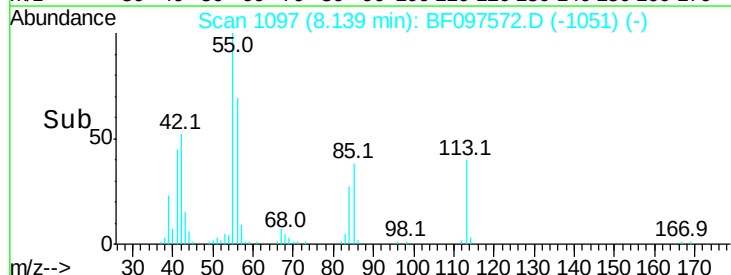
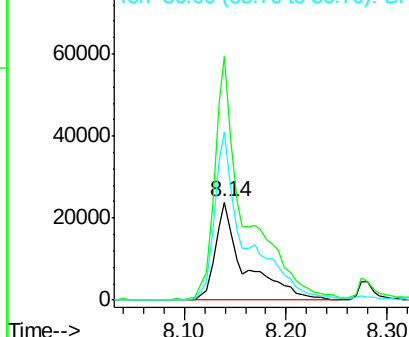
Lab File: BF097572.D

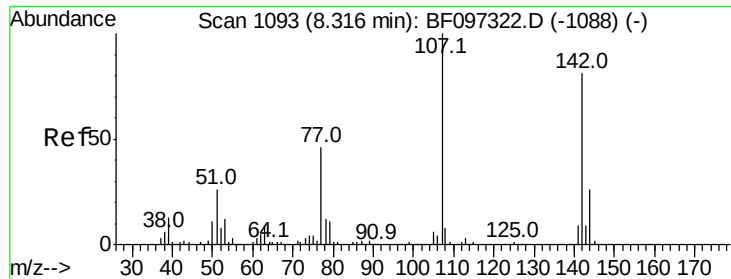
Acq: 10 Aug 2017 21:51

Tgt Ion:	113	Resp:	47977
Ion Ratio	Lower	Upper	
113	100		
55	248.4	150.2	190.2#
56	171.5	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





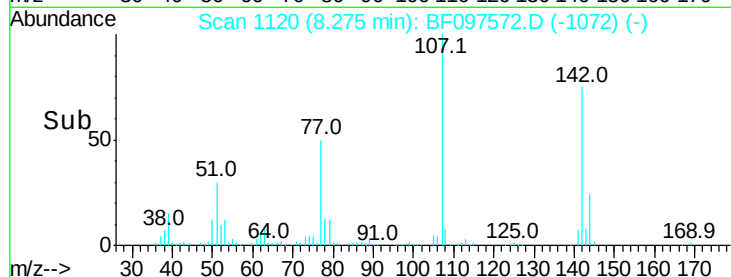
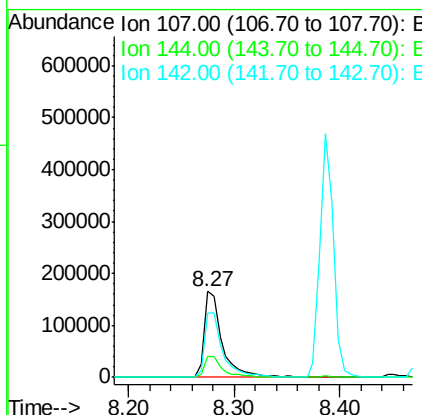
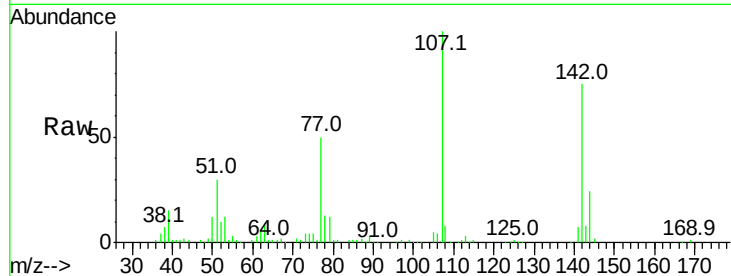
#36
 4-Chloro-3-methylphenol
 Concen: 28.701 ng
 RT: 8.27 min Scan# 1120
 Delta R.T. -0.02 min
 Lab File: BF097572.D
 Acq: 10 Aug 2017 21:51

Instrument :
 BNA_F
 ClientSampleId :
 TRAP-ROCK-FINESMSD

Tot Ion	Ratio	Lower	Upper
107	100		
144	23.6	24.2	36.4#
142	75.1	73.4	110.0

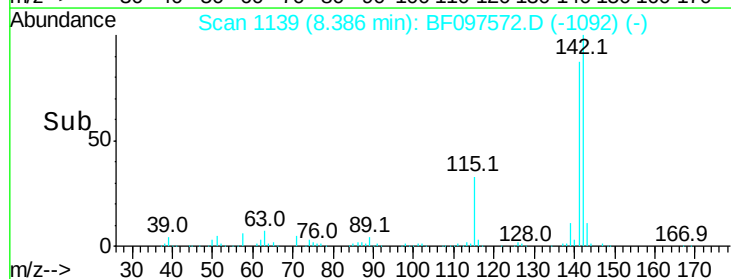
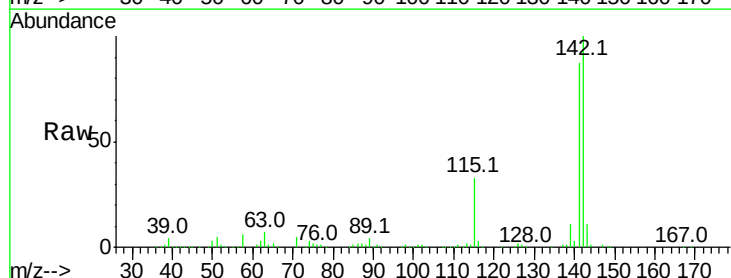
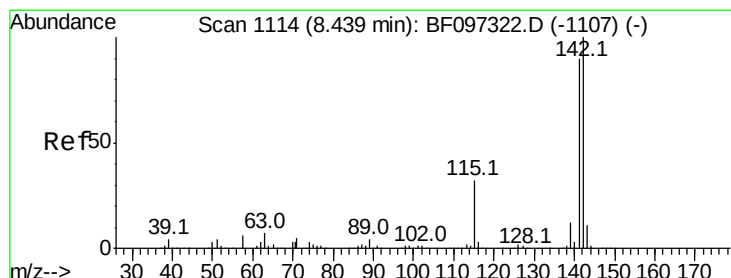
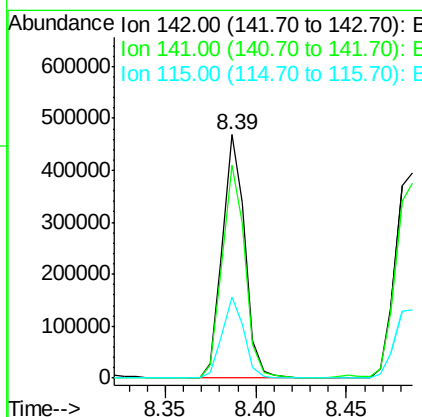
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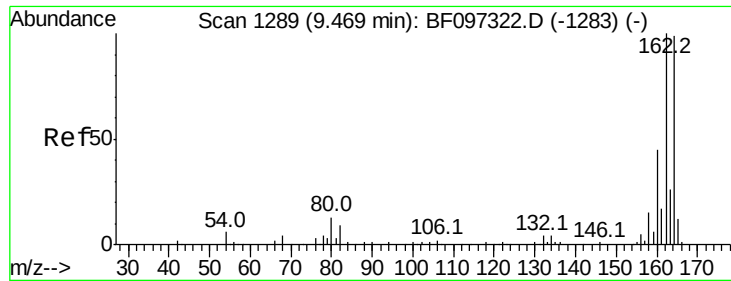
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#37
 2-Methylnaphthalene
 Concen: 30.093 ng
 RT: 8.39 min Scan# 1139
 Delta R.T. -0.02 min
 Lab File: BF097572.D
 Acq: 10 Aug 2017 21:51

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.2	71.3	106.9
115	33.5	27.1	40.7





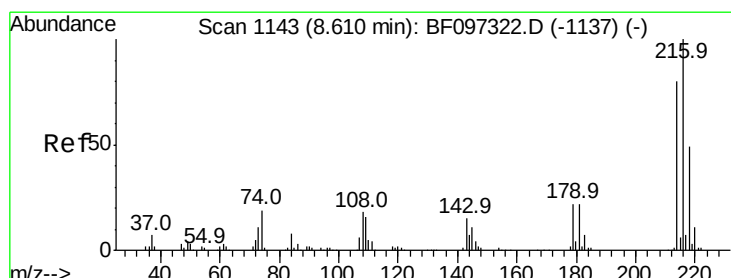
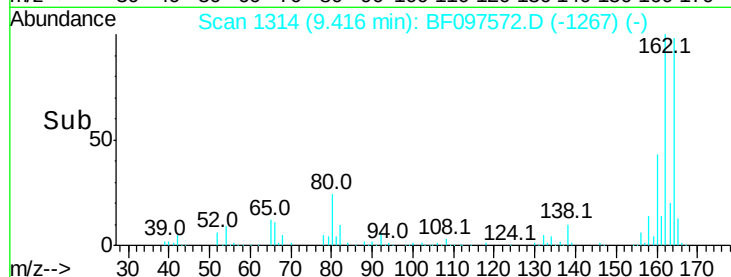
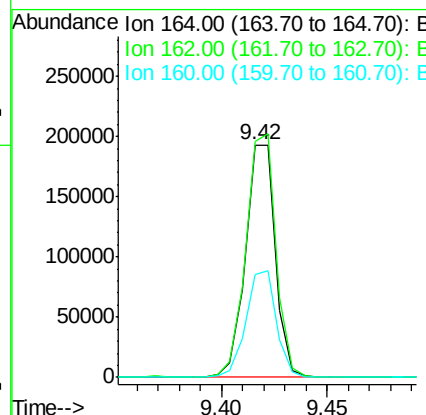
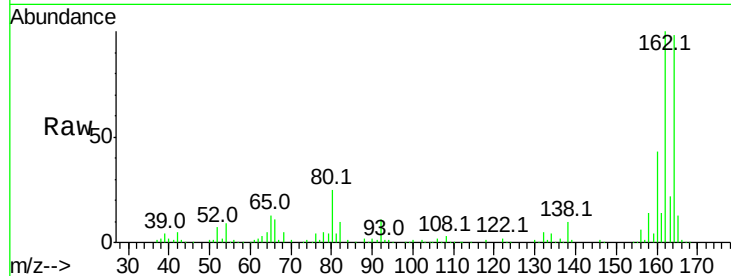
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.42 min Scan# 1314
Delta R.T. -0.02 min
Lab File: BF097572.D
Acq: 10 Aug 2017 21:51

Instrument :
BNA_F
ClientSampleId :
TRAP-ROCK-FINESMSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100	188997		
162	101.8	82.6	123.8	
160	44.1	36.2	54.2	

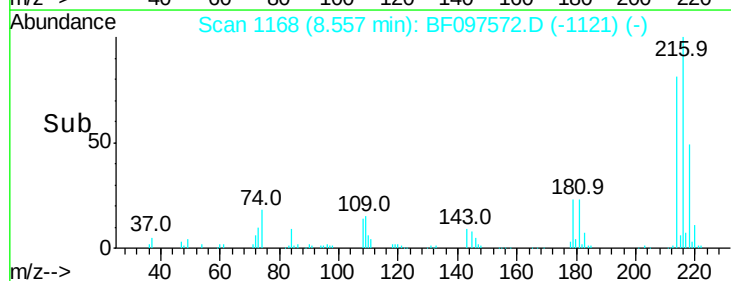
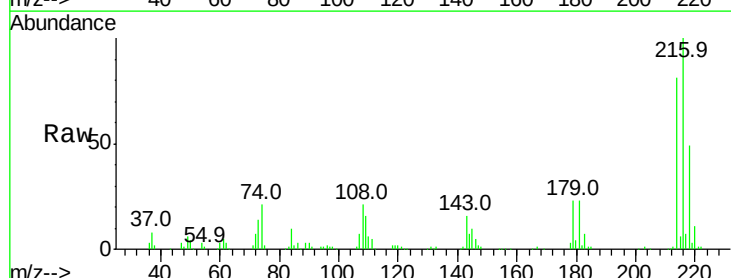
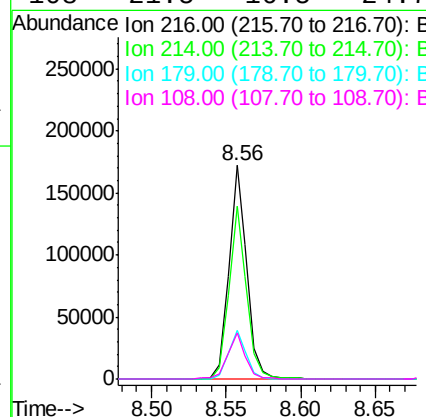
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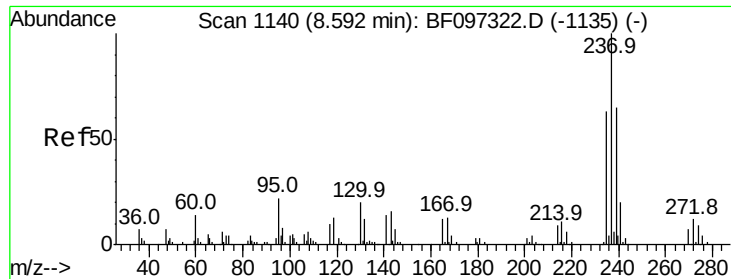
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#39
1,2,4,5-Tetrachlorobenzene
Concen: 28.976 ng
RT: 8.56 min Scan# 1168
Delta R.T. -0.02 min
Lab File: BF097572.D
Acq: 10 Aug 2017 21:51

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	146123		
214	79.6	63.4	95.2	
179	22.7	17.9	26.9	
108	21.5	16.5	24.7	





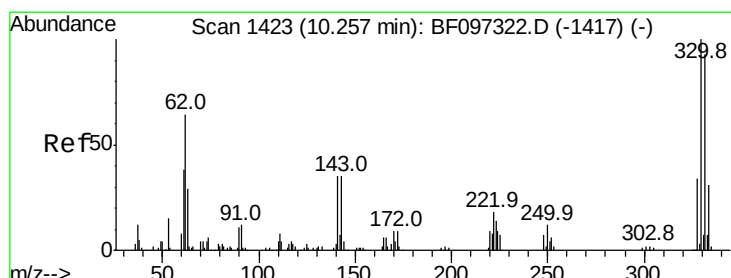
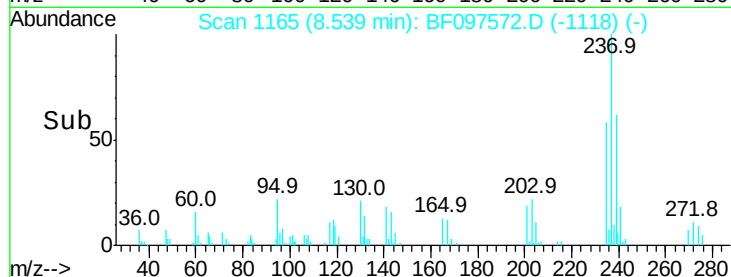
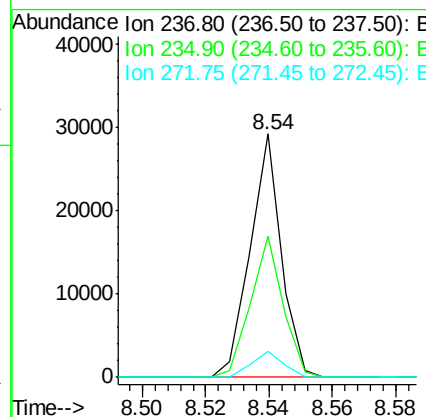
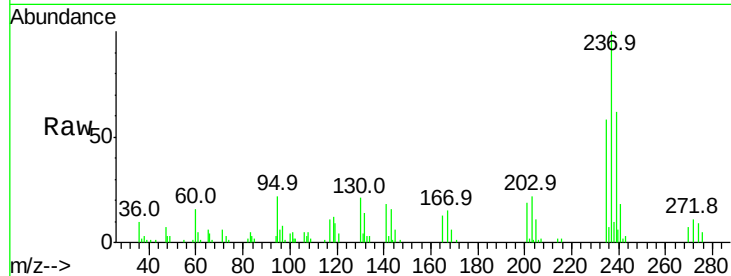
#40
Hexachlorocyclopentadiene
Concen: 16.942 ng
RT: 8.54 min Scan# 1165
Delta R.T. -0.02 min
Lab File: BF097572.D
Acq: 10 Aug 2017 21:51

Instrument :
BNA_F
ClientSampleId :
TRAP-ROCK-FINESMSD

Tot Ion:	237	Resp:	19892
Ion Ratio	Lower	Upper	
237	100		
235	57.9	42.6	82.6
272	10.7	0.0	31.9

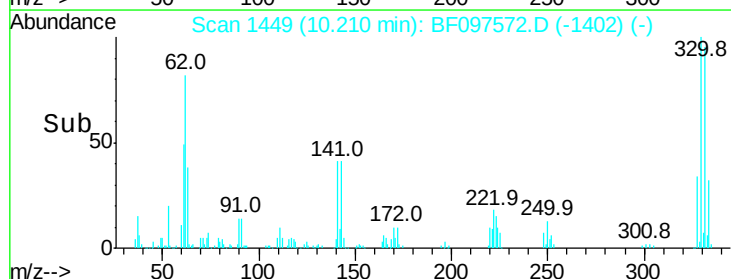
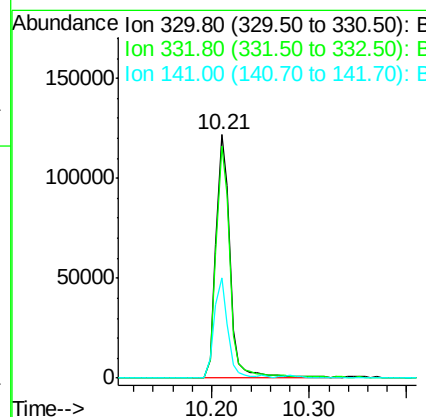
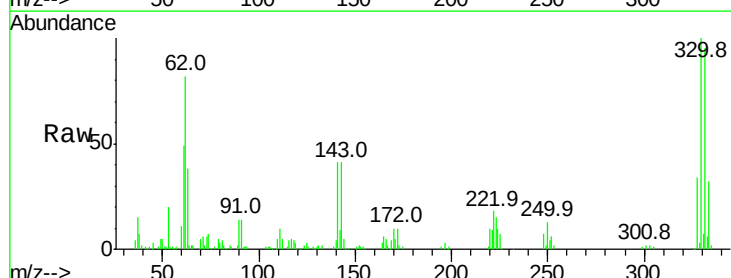
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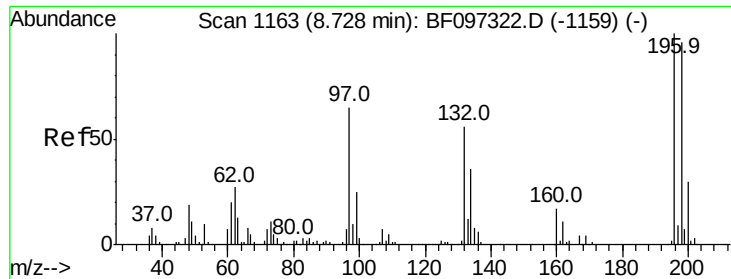
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#41
2,4,6-Tribromophenol
Concen: 83.004 ng
RT: 10.21 min Scan# 1449
Delta R.T. -0.02 min
Lab File: BF097572.D
Acq: 10 Aug 2017 21:51

Tgt Ion:	330	Resp:	123947
Ion Ratio	Lower	Upper	
330	100		
332	94.5	76.6	115.0
141	39.8	31.4	47.2





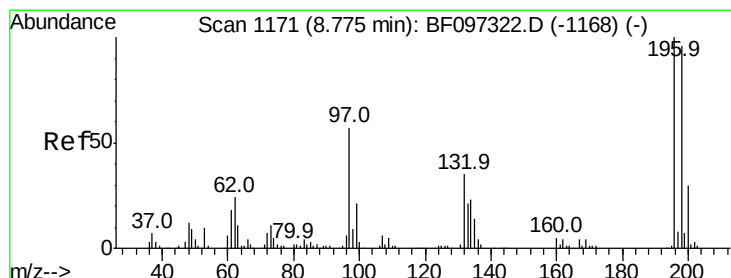
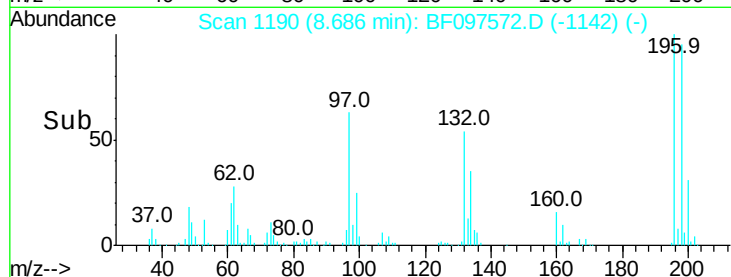
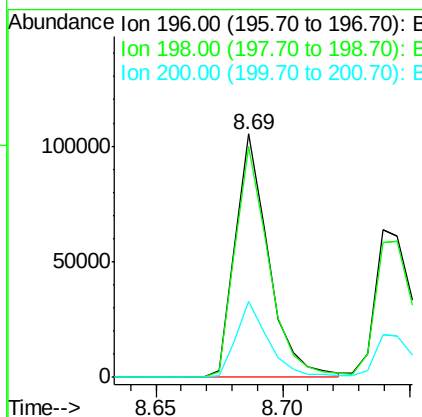
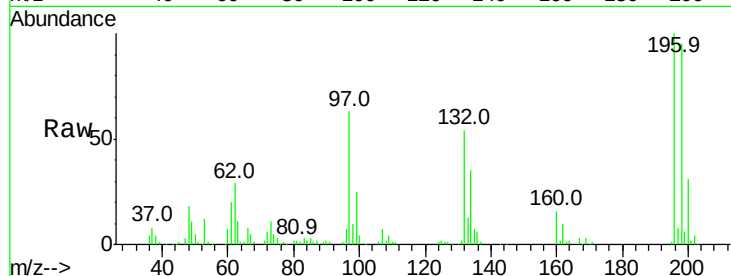
#42
 2,4,6-Trichlorophenol
 Concen: 26.170 ng
 RT: 8.69 min Scan# 1190
 Delta R.T. -0.02 min
 Lab File: BF097572.D
 Acq: 10 Aug 2017 21:51

Instrument :
 BNA_F
 ClientSampleId :
 TRAP-ROCK-FINESMSD

Tot Ion:	196	Resp:	95639
Ion Ratio	Lower	Upper	
196	100		
198	94.8	74.2	111.4
200	31.3	24.0	36.0

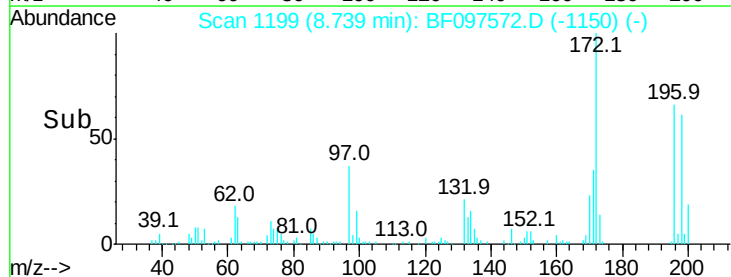
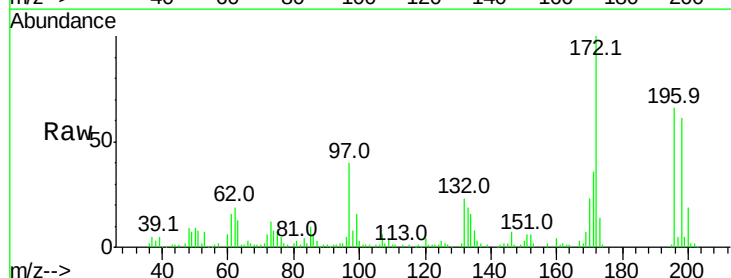
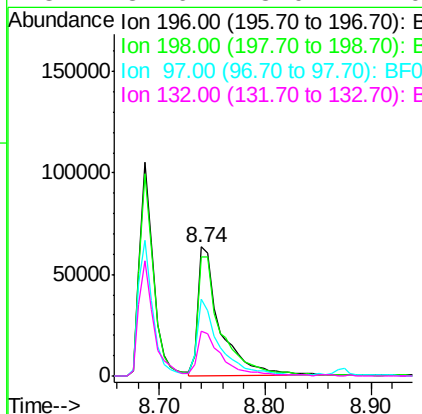
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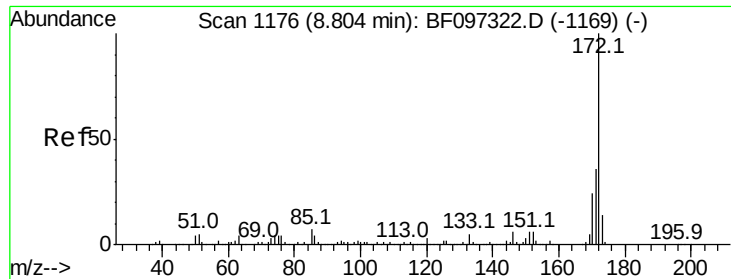
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#43
 2,4,5-Trichlorophenol
 Concen: 25.147 ng
 RT: 8.74 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF097572.D
 Acq: 10 Aug 2017 21:51

Tgt Ion:	196	Resp:	91982
Ion Ratio	Lower	Upper	
196	100		
198	91.8	75.7	113.5
97	59.9	47.7	71.5
132	34.6	28.0	42.0





#44

2-Fluorobiphenyl

Concen: 60.287 ng

RT: 8.75 min Scan# 1201

Delta R.T. -0.02 min

Lab File: BF097572.D

Acq: 10 Aug 2017 21:51

Instrument :

BNA_F

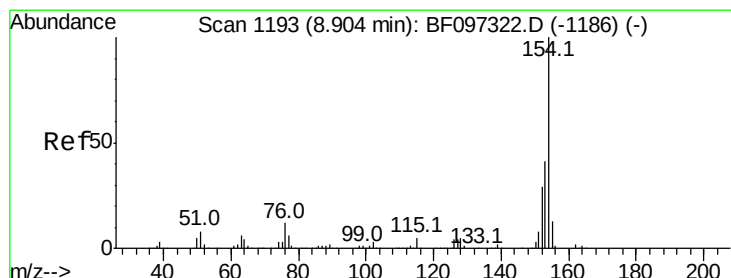
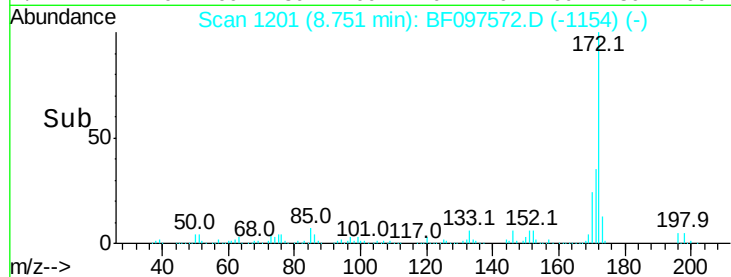
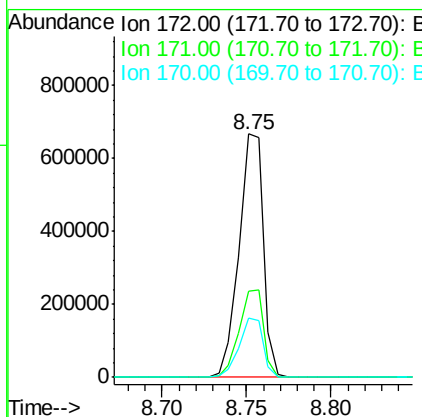
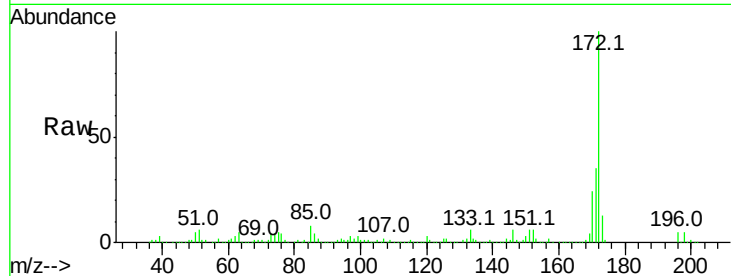
ClientSampleId :

TRAP-ROCK-FINESMSD

Tot Ion:	172	Resp:	671389
Ion Ratio	Lower	Upper	
172	100		
171	35.5	29.6	44.4
170	24.3	19.8	29.8

Manual Integrations
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#45

1,1'-Biphenyl

Concen: 28.164 ng

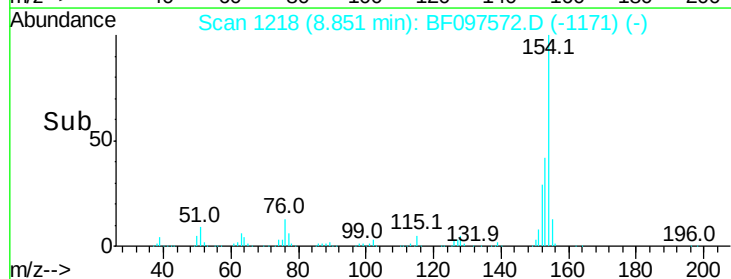
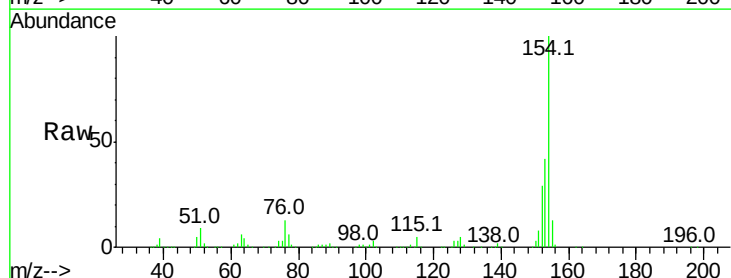
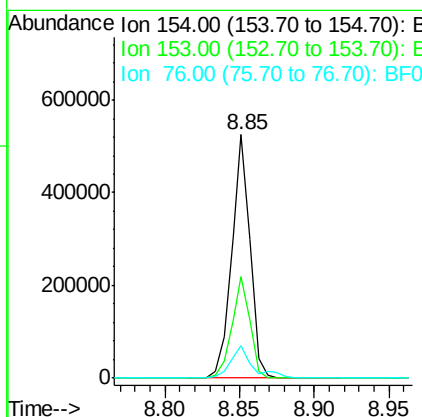
RT: 8.85 min Scan# 1218

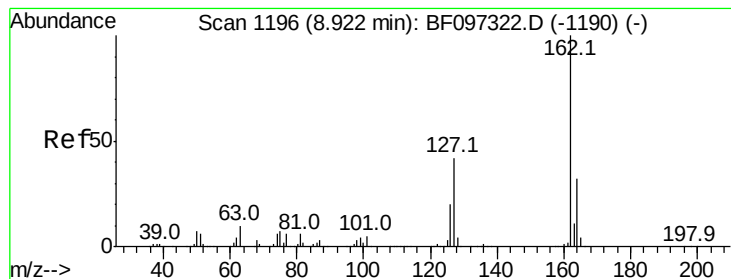
Delta R.T. -0.02 min

Lab File: BF097572.D

Acq: 10 Aug 2017 21:51

Tgt Ion:	154	Resp:	454654
Ion Ratio	Lower	Upper	
154	100		
153	41.7	21.2	61.2
76	13.3	0.0	29.9





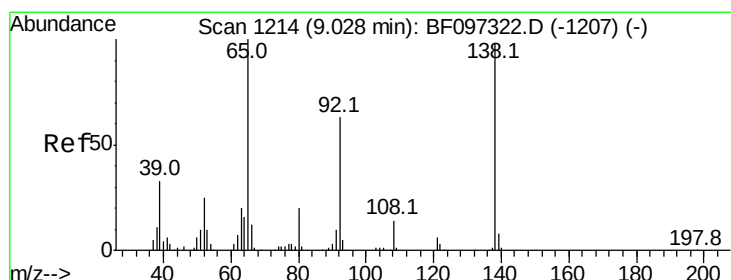
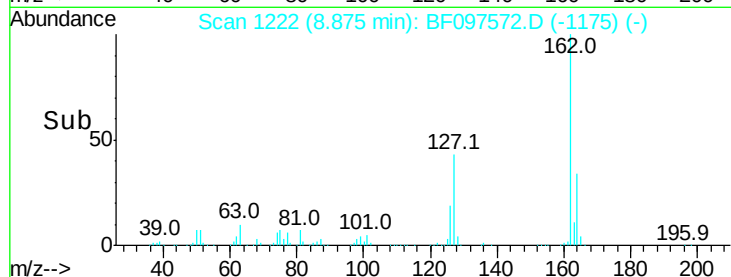
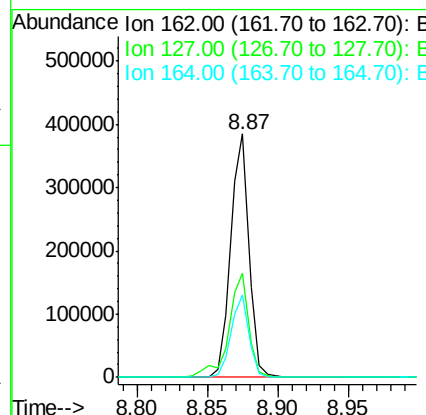
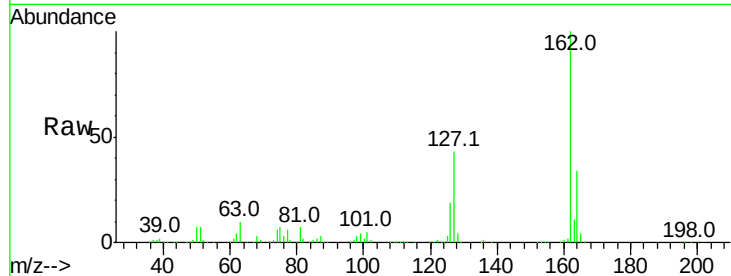
#46
 2-Chloronaphthalene
 Concen: 29.121 ng
 RT: 8.87 min Scan# 1222
 Delta R.T. -0.02 min
 Lab File: BF097572.D
 Acq: 10 Aug 2017 21:51

Instrument :
 BNA_F
 ClientSampleId :
 TRAP-ROCK-FINESMSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	42.6	28.3	42.5#	
164	33.8	27.0	40.4	

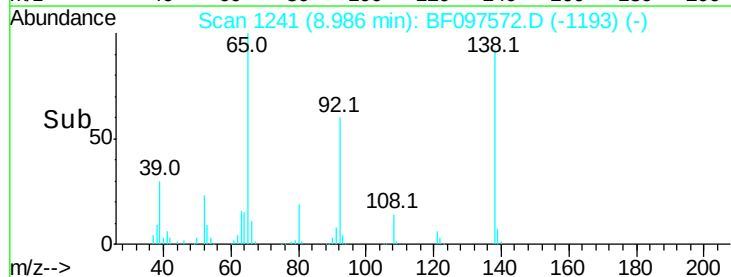
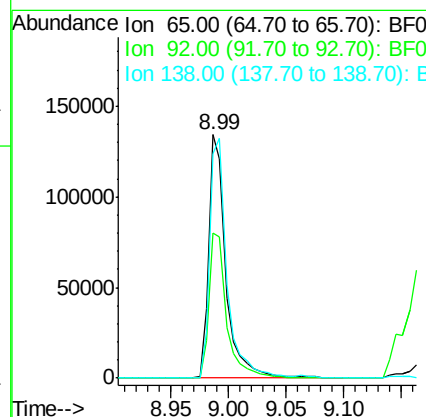
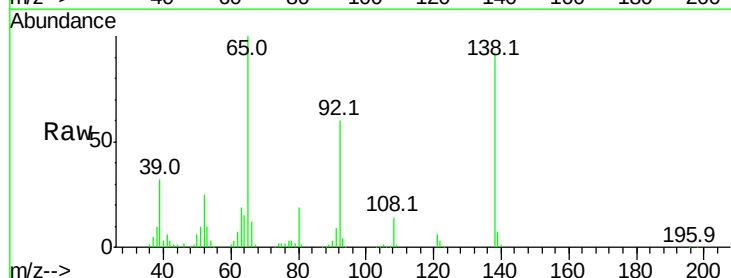
Manual Integrations
 APPROVED

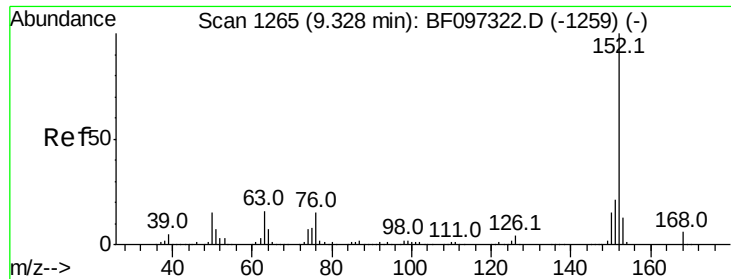
sohil
 8/14/2017 6:34:21 PM



#47
 2-Nitroaniline
 Concen: 32.538 ng
 RT: 8.99 min Scan# 1241
 Delta R.T. -0.02 min
 Lab File: BF097572.D
 Acq: 10 Aug 2017 21:51

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	59.8	53.9	80.9	
138	92.3	78.8	118.2	





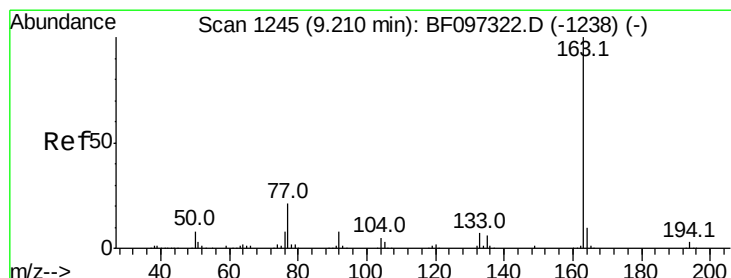
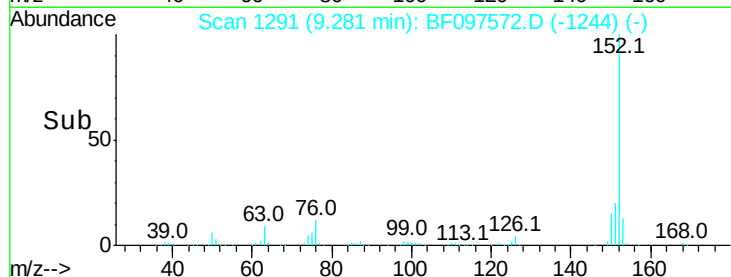
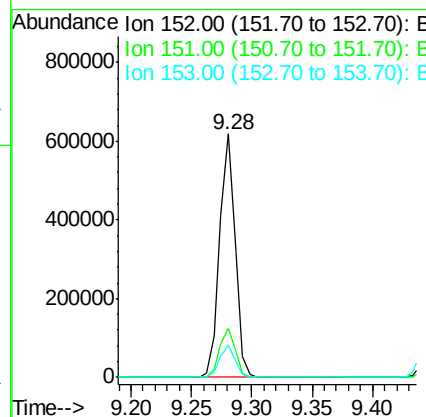
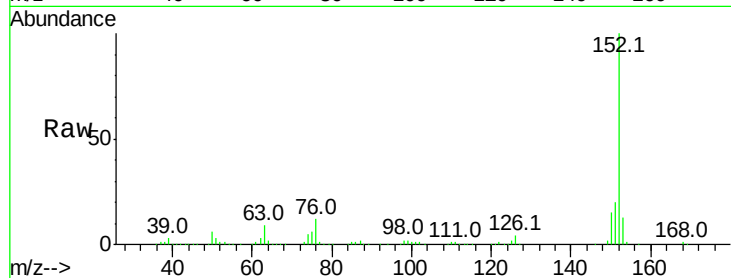
#48
Acenaphthylene
Concen: 29.706 ng
RT: 9.28 min Scan# 1291
Delta R.T. -0.02 min
Lab File: BF097572.D
Acq: 10 Aug 2017 21:51

Instrument :
BNA_F
ClientSampleId :
TRAP-ROCK-FINESMSD

Tot Ion	Ratio	Resp	Lower	Upper
152	100	541663		
151	20.2		16.8	25.2
153	13.2		10.8	16.2

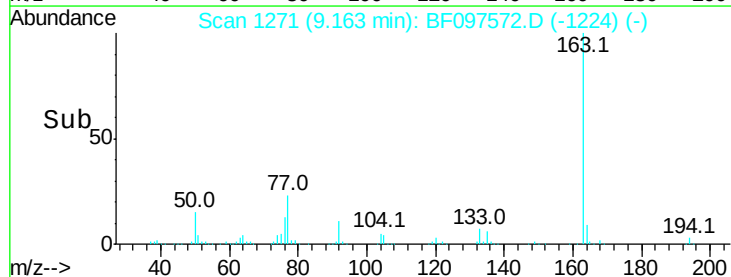
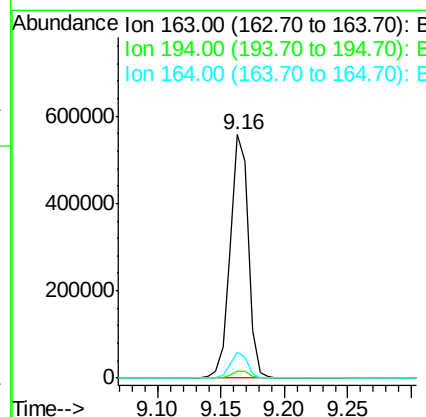
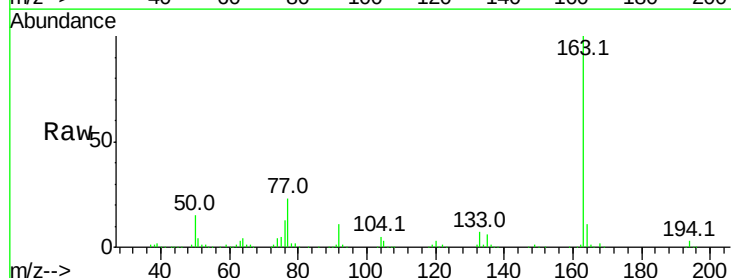
Manual Integrations
APPROVED

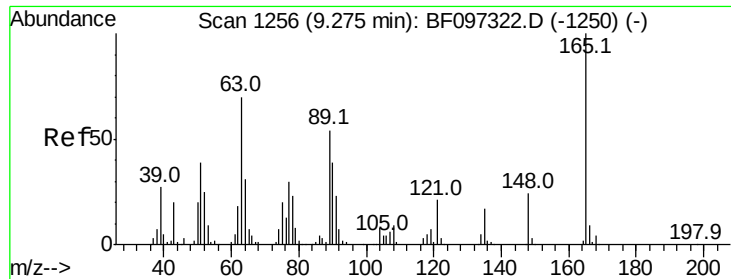
sohil
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#49
Dimethylphthalate
Concen: 38.109 ng
RT: 9.16 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF097572.D
Acq: 10 Aug 2017 21:51

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	546947		
194	2.9		2.6	4.0
164	10.6		8.4	12.6





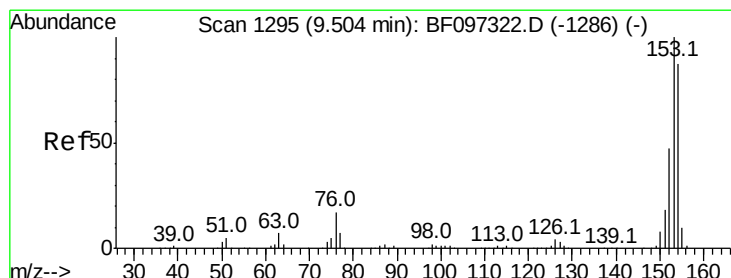
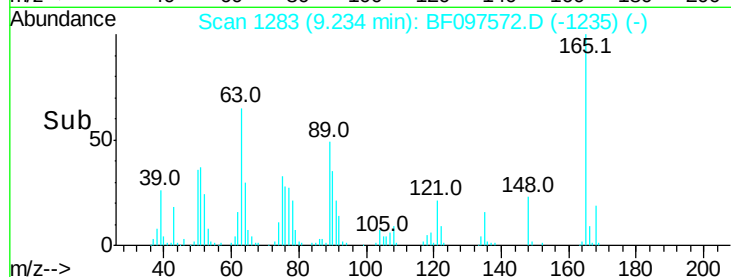
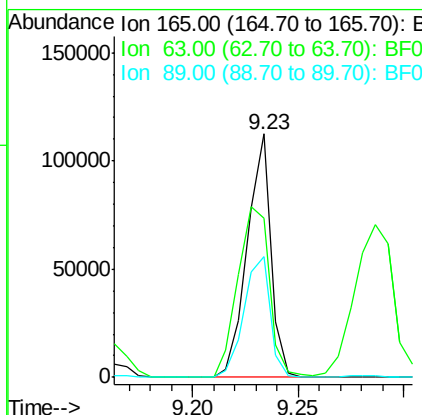
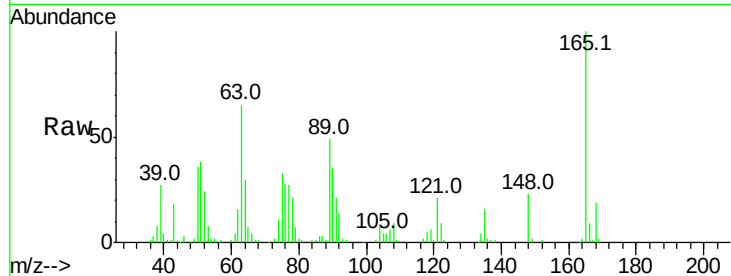
#50
2,6-Dinitrotoluene
Concen: 28.981 ng
RT: 9.23 min Scan# 1283
Delta R.T. -0.02 min
Lab File: BF097572.D
Acq: 10 Aug 2017 21:51

Instrument :
BNA_F
ClientSampleId :
TRAP-ROCK-FINESMSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	65.4	34.3	51.5#	
89	49.4	37.1	55.7	

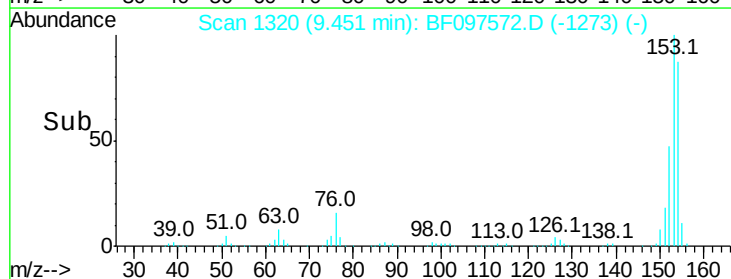
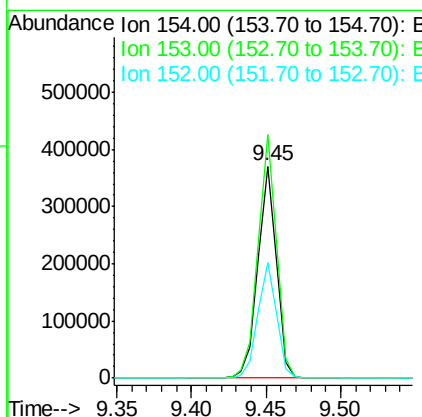
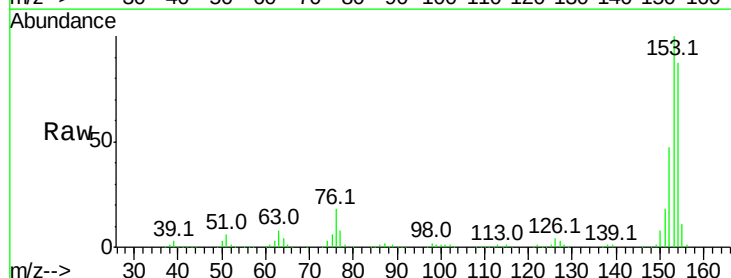
Manual Integrations
APPROVED

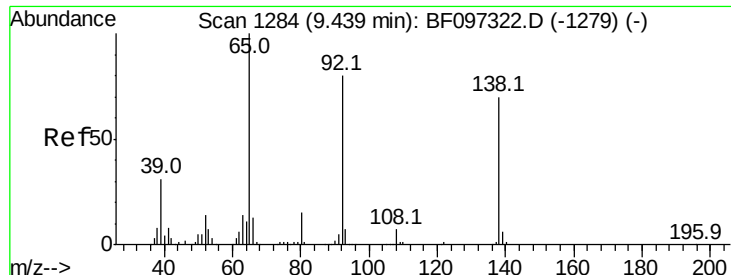
sohil
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#51
Acenaphthene
Concen: 29.374 ng
RT: 9.45 min Scan# 1320
Delta R.T. -0.02 min
Lab File: BF097572.D
Acq: 10 Aug 2017 21:51

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	114.9	90.5	135.7	
152	54.4	43.6	65.4	





#52

3-Nitroaniline

Concen: 25.307 ng

RT: 9.40 min Scan# 1312

Delta R.T. -0.02 min

Lab File: BF097572.D

Acq: 10 Aug 2017 21:51

Instrument :

BNA_F

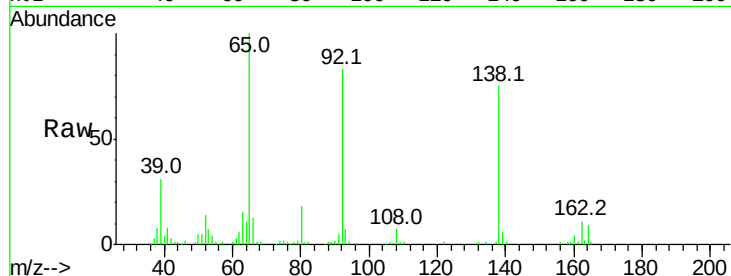
ClientSampleId :

TRAP-ROCK-FINESMSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	8.6	9.1	13.7#
92	109.5	93.8	140.6

Manual Integrations
APPROVED

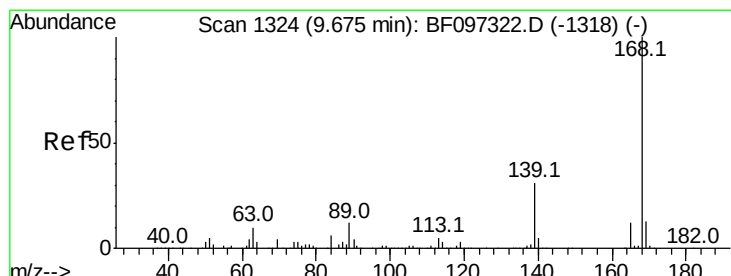
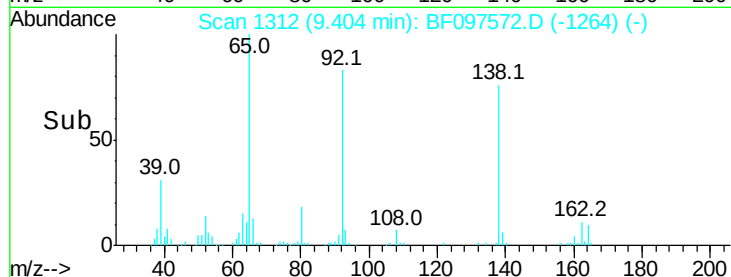
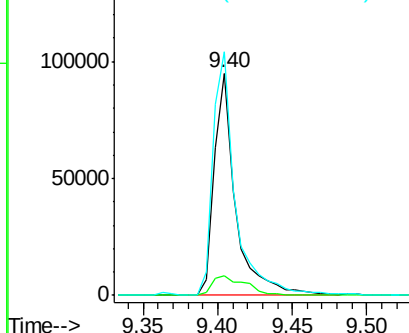
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0



#54

Dibenzofuran

Concen: 33.420 ng

RT: 9.63 min Scan# 1350

Delta R.T. -0.02 min

Lab File: BF097572.D

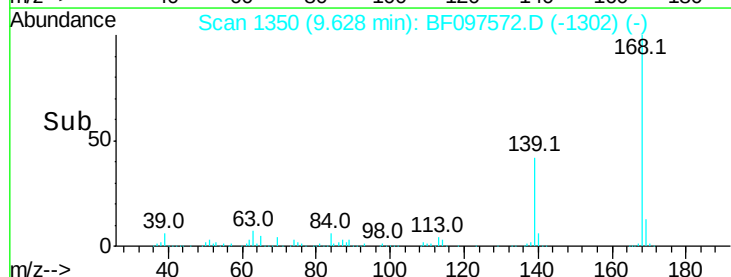
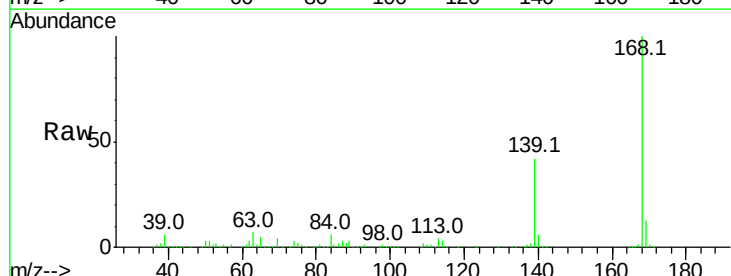
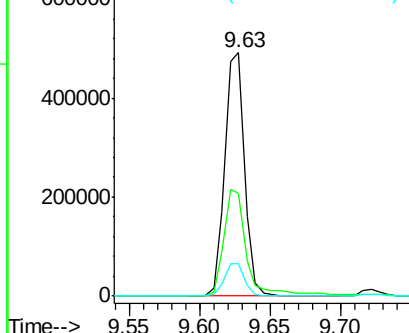
Acq: 10 Aug 2017 21:51

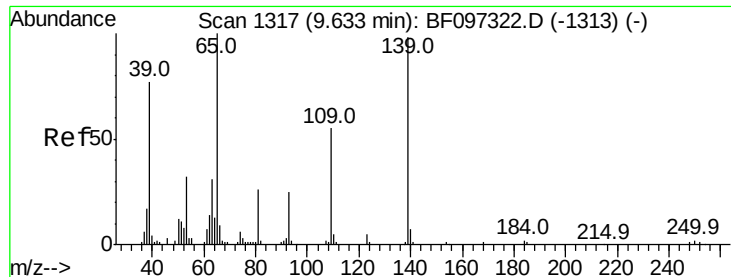
Tgt Ion	Ratio	Lower	Upper
168	100		
139	42.3	30.6	45.8
169	13.1	10.8	16.2

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





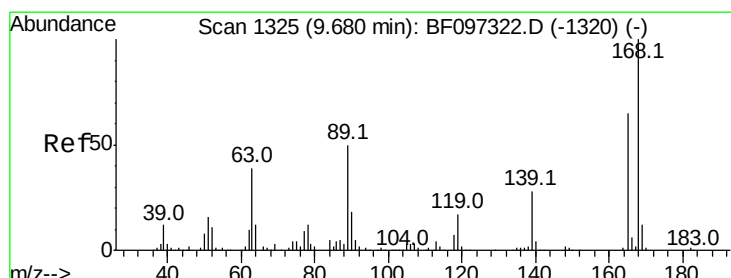
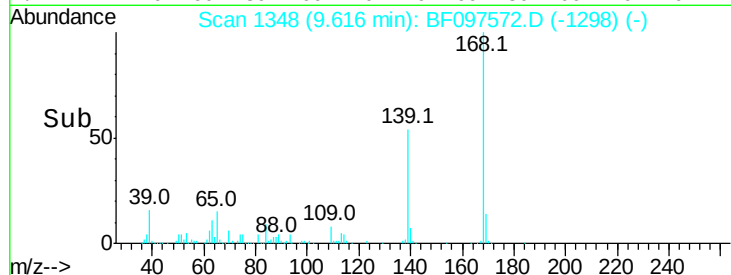
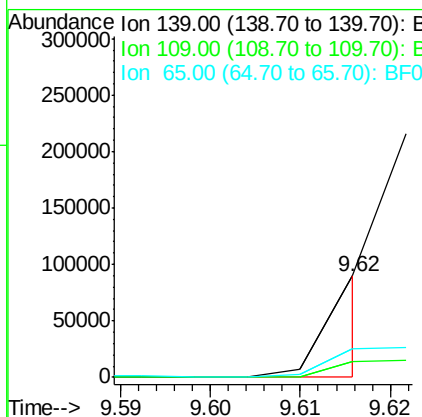
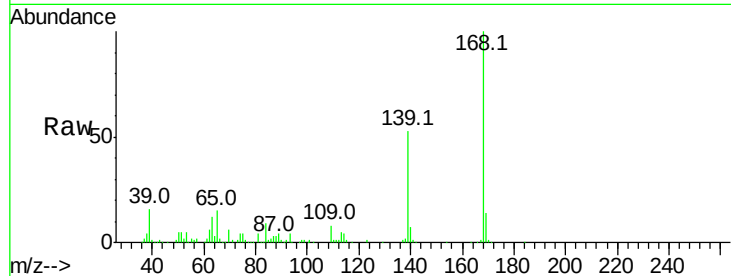
#55
4-Nitrophenol
Concen: 15.222 ng m
RT: 9.62 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF097572.D
Acq: 10 Aug 2017 21:51

Instrument :
BNA_F
ClientSampleId :
TRAP-ROCK-FINESMSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	15.4	34.1	74.1#
65	28.2	31.4	71.4#

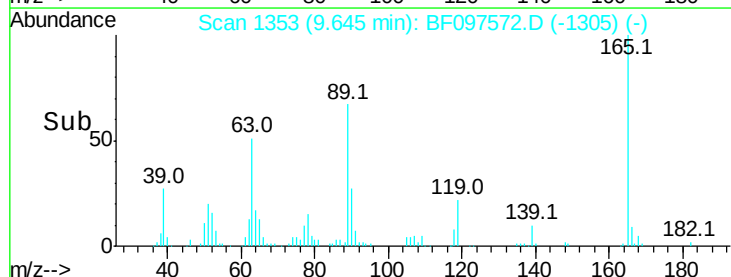
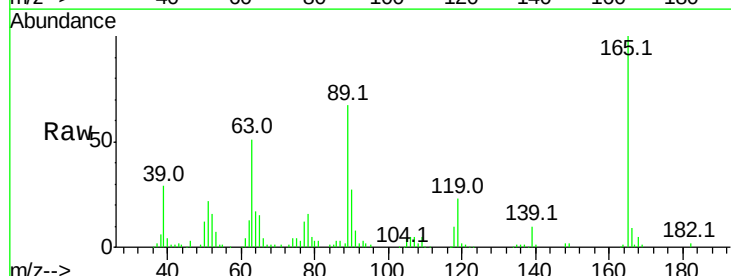
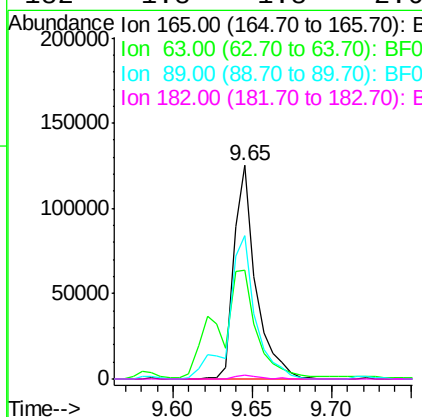
Manual Integrations
APPROVED

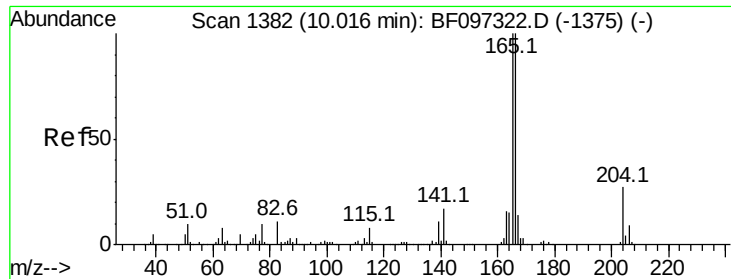
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#56
2,4-Dinitrotoluene
Concen: 34.292 ng
RT: 9.65 min Scan# 1353
Delta R.T. -0.02 min
Lab File: BF097572.D
Acq: 10 Aug 2017 21:51

Tgt Ion	Ratio	Lower	Upper
165	100		
63	51.1	25.4	38.0#
89	67.0	46.4	69.6
182	1.8	1.8	2.6





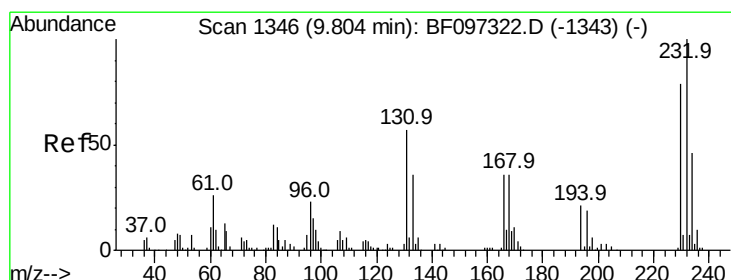
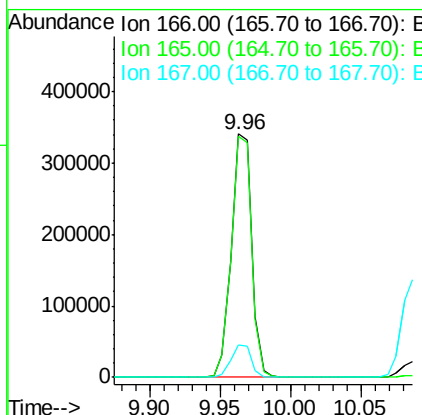
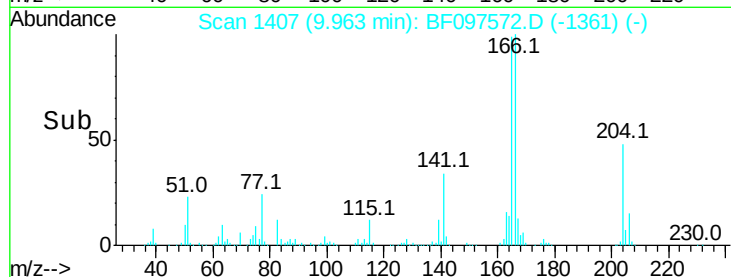
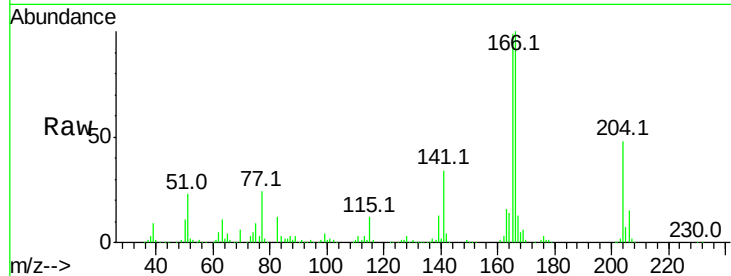
#57
Fluorene
 Concen: 31.849 ng
 RT: 9.96 min Scan# 1407
 Delta R.T. -0.03 min
 Lab File: BF097572.D
 Acq: 10 Aug 2017 21:51

Instrument :
 BNA_F
 ClientSampleId :
 TRAP-ROCK-FINESMSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100	342449		
165	98.9		78.8	118.2
167	13.4		10.6	16.0

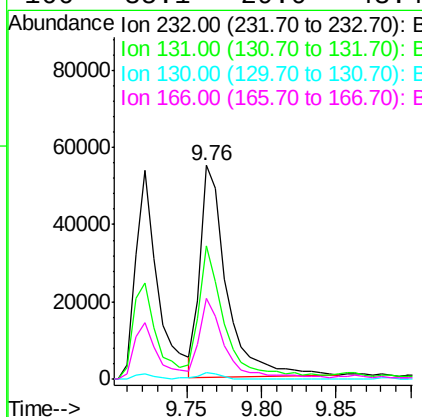
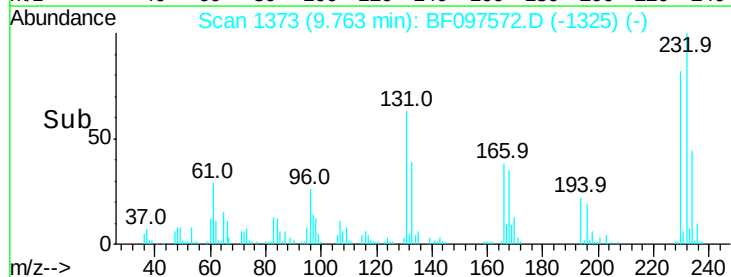
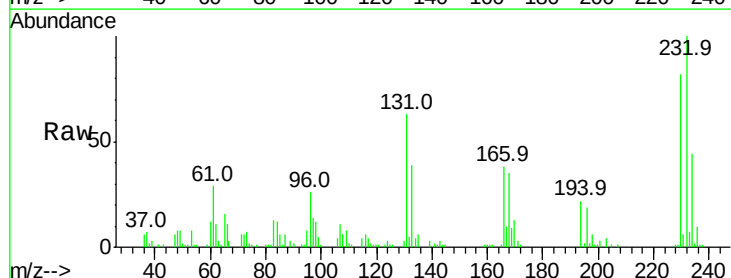
Manual Integrations
 APPROVED

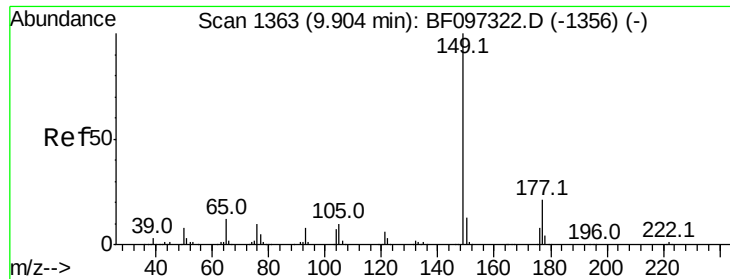
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 26.770 ng
 RT: 9.76 min Scan# 1373
 Delta R.T. -0.02 min
 Lab File: BF097572.D
 Acq: 10 Aug 2017 21:51

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	67609		
131	59.8		44.8	67.2
130	2.7		2.3	3.5
166	35.1		29.0	43.4





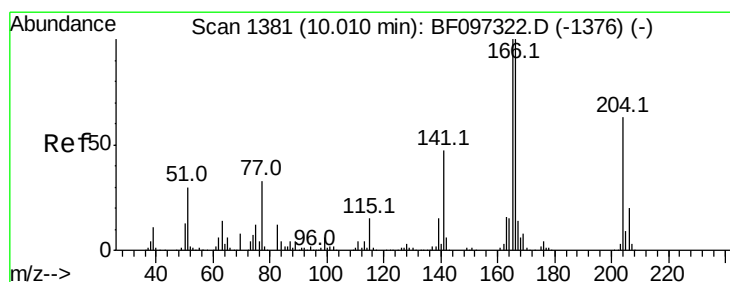
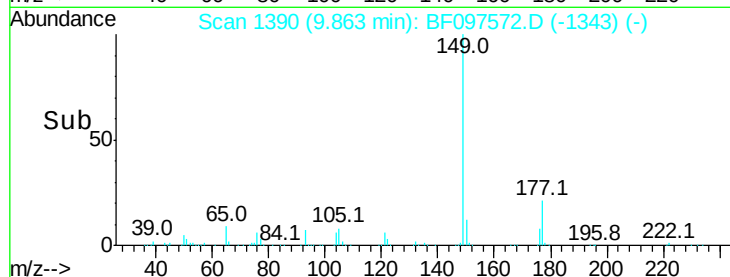
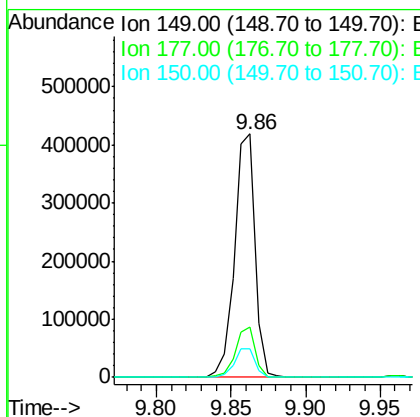
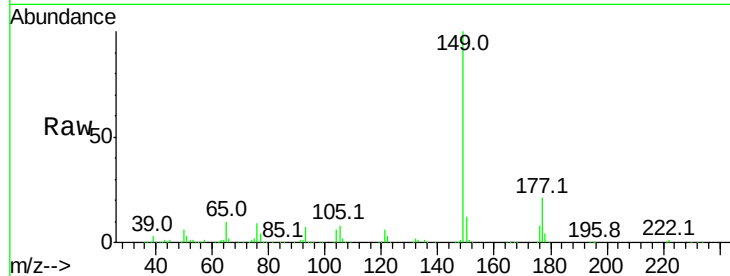
#59
Diethylphthalate
Concen: 30.788 ng
RT: 9.86 min Scan# 1390
Delta R.T. -0.02 min
Lab File: BF097572.D
Acq: 10 Aug 2017 21:51

Instrument :
BNA_F
ClientSampleId :
TRAP-ROCK-FINESMSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	405383		
177	20.6		16.7	25.1
150	11.6		10.2	15.2

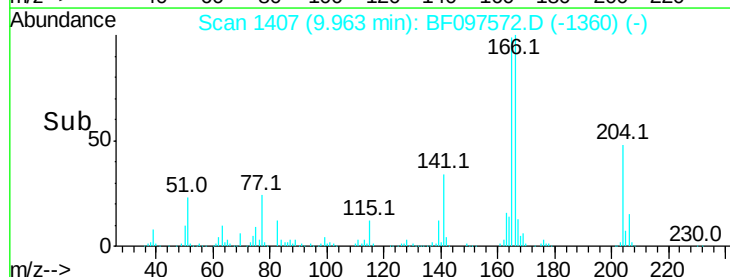
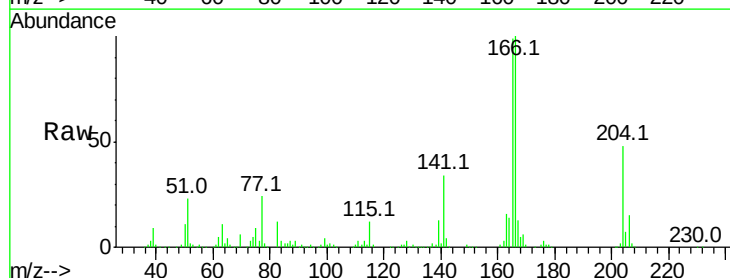
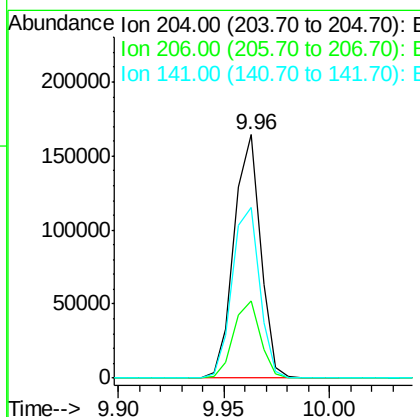
Manual Integrations
APPROVED

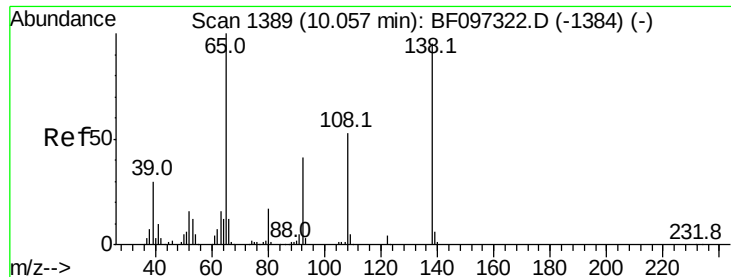
sohil
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#60
4-Chlorophenyl-phenylether
Concen: 31.954 ng
RT: 9.96 min Scan# 1407
Delta R.T. -0.02 min
Lab File: BF097572.D
Acq: 10 Aug 2017 21:51

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	141880		
206	31.8		26.2	39.2
141	70.3		60.8	91.2





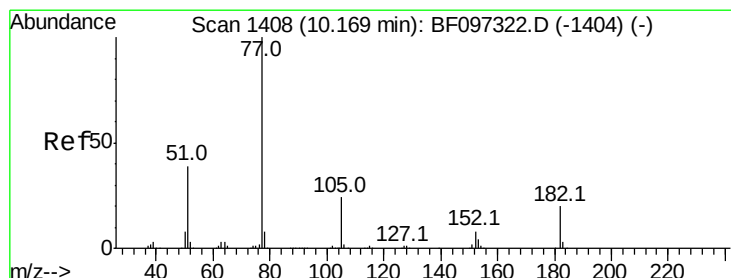
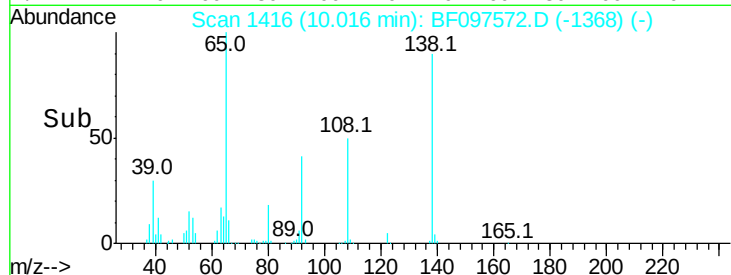
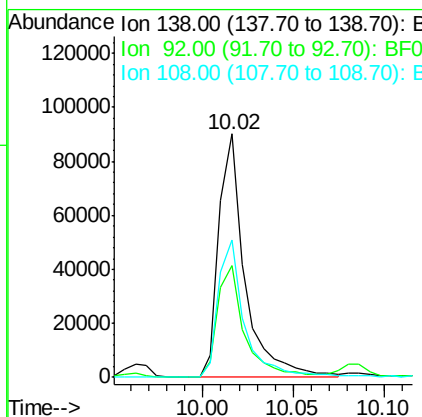
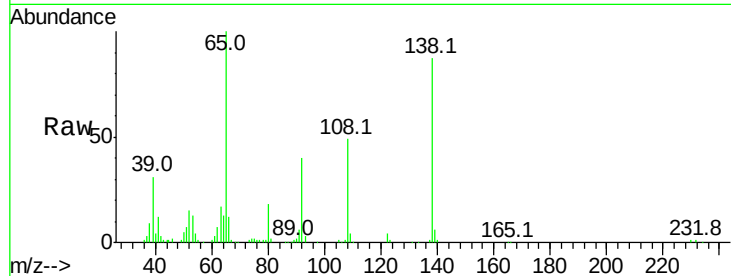
#61
4-Nitroaniline
Concen: 25.290 ng
RT: 10.02 min Scan# 1416
Delta R.T. -0.02 min
Lab File: BF097572.D
Acq: 10 Aug 2017 21:51

Instrument :
BNA_F
ClientSampleId :
TRAP-ROCK-FINESMSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
92	45.8	21.8	61.8	
108	56.3	42.3	82.3	

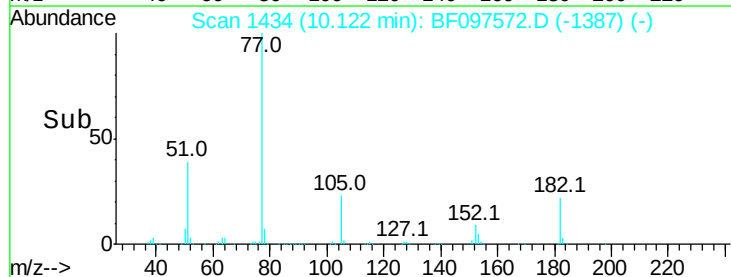
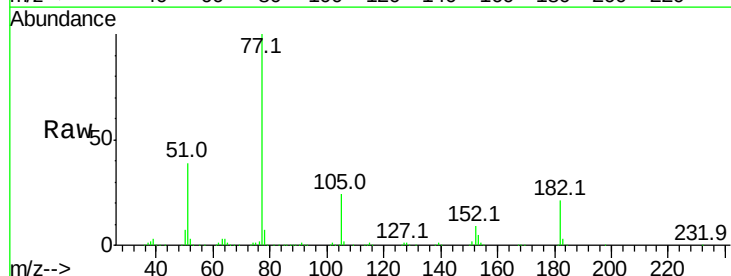
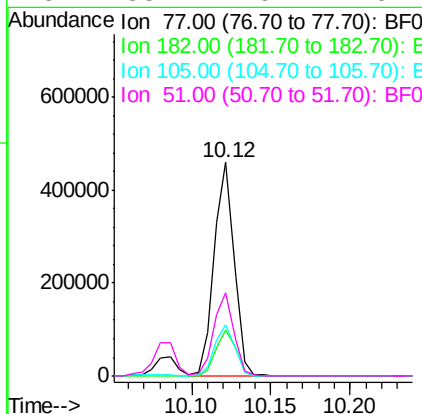
Manual Integrations
APPROVED

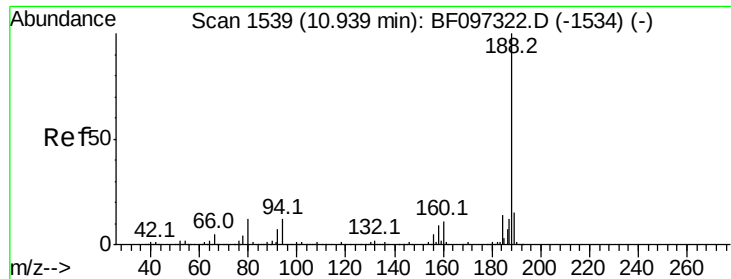
sohil
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#62
Azobenzene
Concen: 33.160 ng
RT: 10.12 min Scan# 1434
Delta R.T. -0.02 min
Lab File: BF097572.D
Acq: 10 Aug 2017 21:51

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
182	21.5	0.1	40.1	
105	24.1	3.6	43.6	
51	38.7	9.4	49.4	





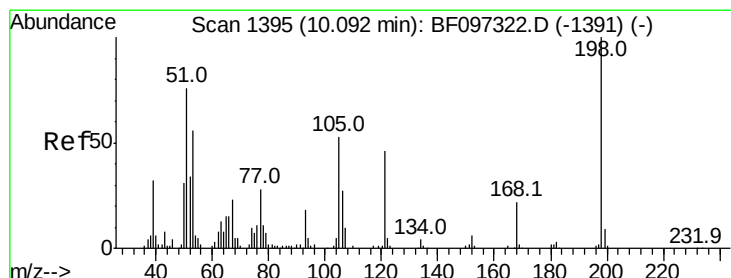
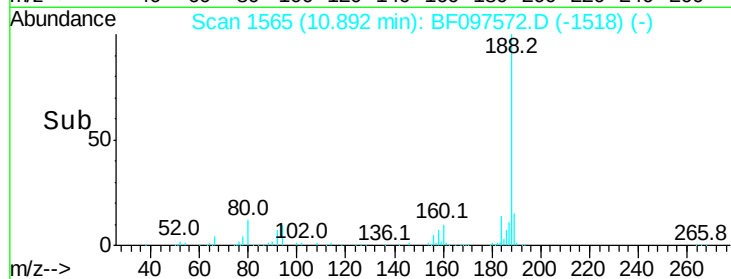
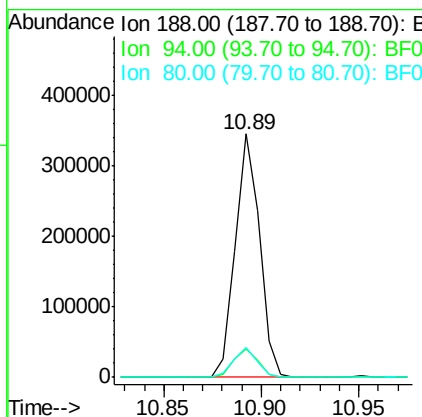
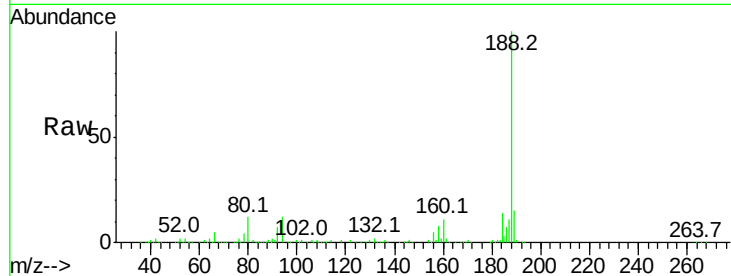
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.89 min Scan# 1565
Delta R.T. -0.02 min
Lab File: BF097572.D
Acq: 10 Aug 2017 21:51

Instrument :
BNA_F
ClientSampleId :
TRAP-ROCK-FINESMSD

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	11.9	9.4	14.2
80	12.4	10.2	15.2

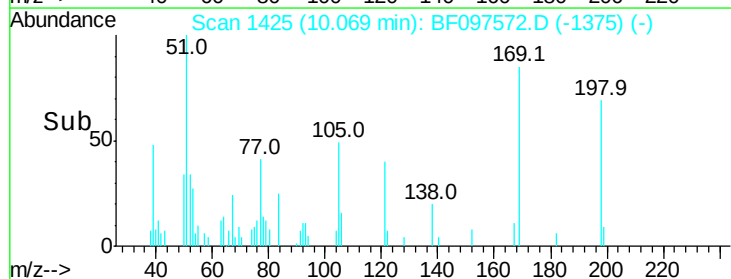
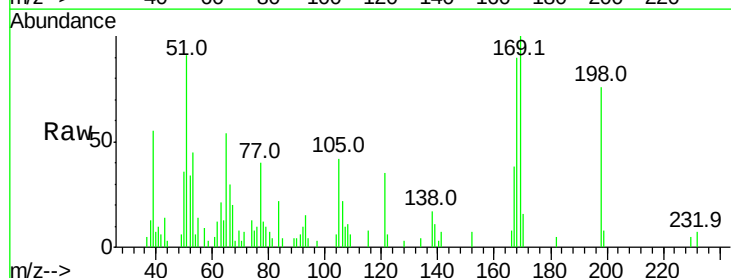
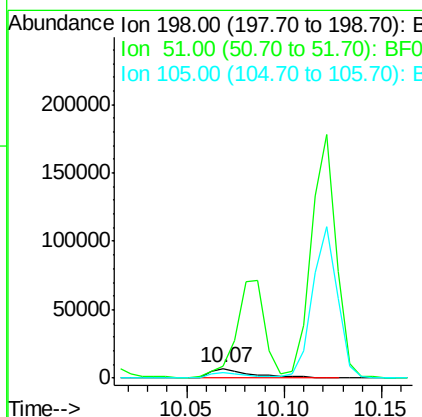
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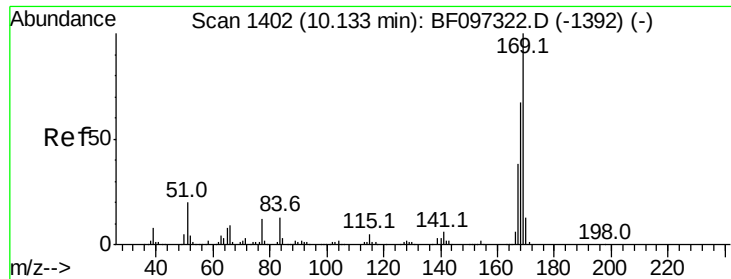
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#64
4,6-Dinitro-2-methylphenol
Concen: 5.440 ng
RT: 10.07 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF097572.D
Acq: 10 Aug 2017 21:51

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	119.9	53.2	93.2#
105	55.7	45.8	85.8





#65

n-Nitrosodiphenylamine

Concen: 30.890 ng

RT: 10.09 min Scan# 1428

Delta R.T. -0.02 min

Lab File: BF097572.D

Acq: 10 Aug 2017 21:51

Instrument :

BNA_F

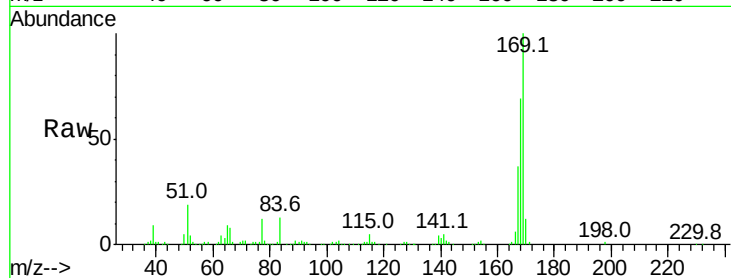
ClientSampleId :

TRAP-ROCK-FINESMSD

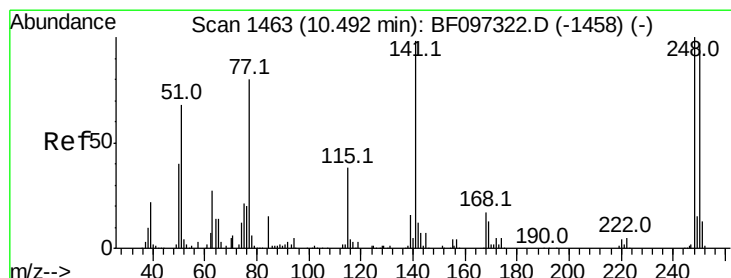
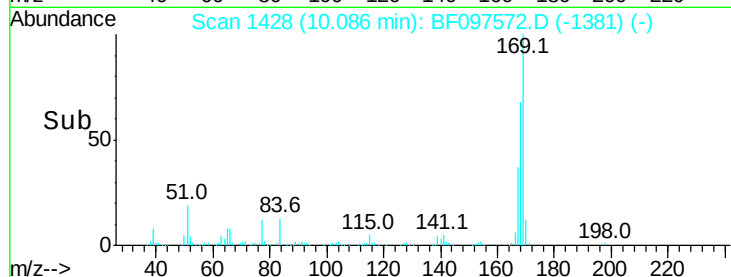
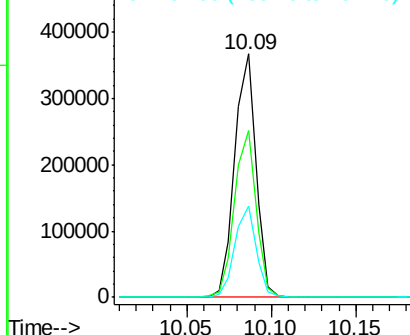
Tot Ion:	169	Resp:	321613
Ion Ratio	Lower	Upper	
169	100		
168	68.5	53.2	79.8
167	37.4	29.5	44.3

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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



#66

4-Bromophenyl-phenylether

Concen: 30.004 ng

RT: 10.45 min Scan# 1489

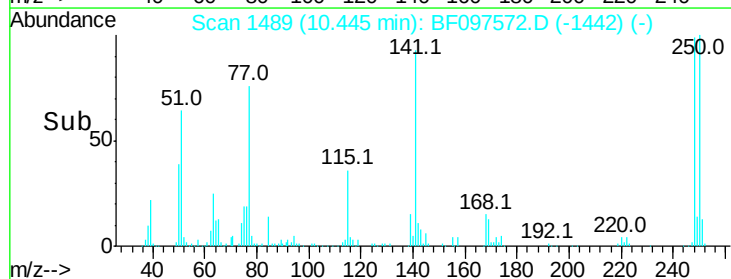
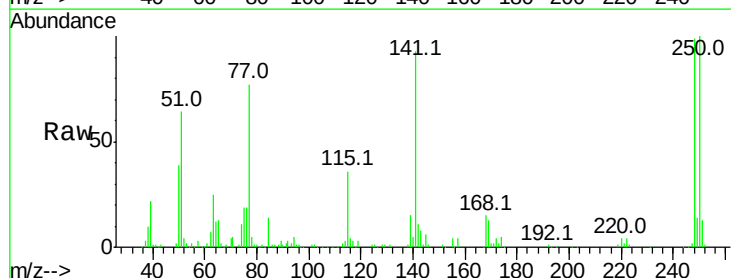
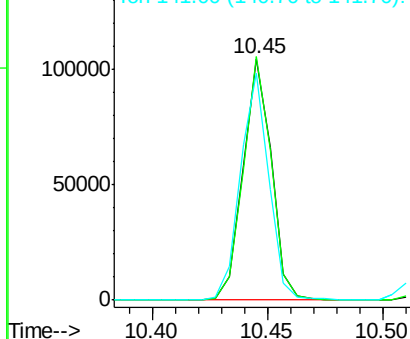
Delta R.T. -0.02 min

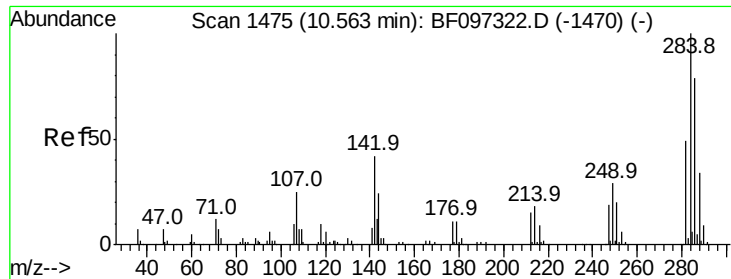
Lab File: BF097572.D

Acq: 10 Aug 2017 21:51

Tgt Ion:	248	Resp:	89600
Ion Ratio	Lower	Upper	
248	100		
250	100.8	76.8	115.2
141	94.2	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: 27.461 ng

RT: 10.52 min Scan# 1501

Delta R.T. -0.02 min

Lab File: BF097572.D

Acq: 10 Aug 2017 21:51

Instrument :

BNA_F

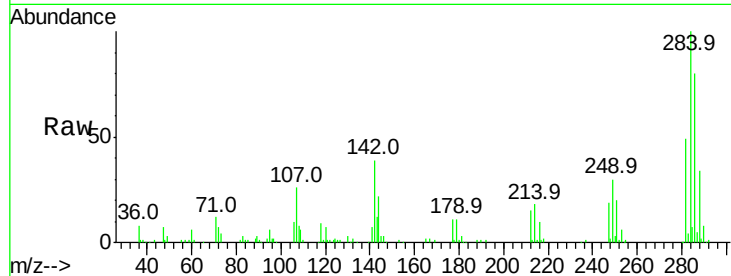
ClientSampled :

TRAP-ROCK-FINESMSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	39.5	22.8	34.2#	
249	30.0	24.0	36.0	

Manual Integrations
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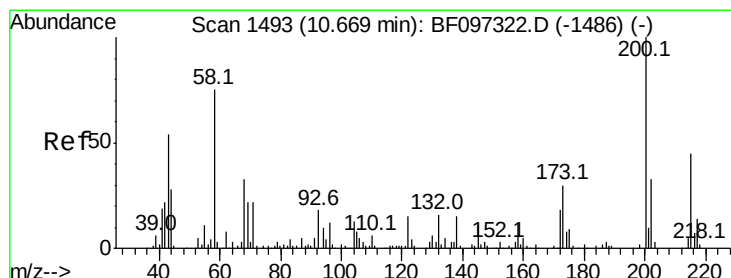
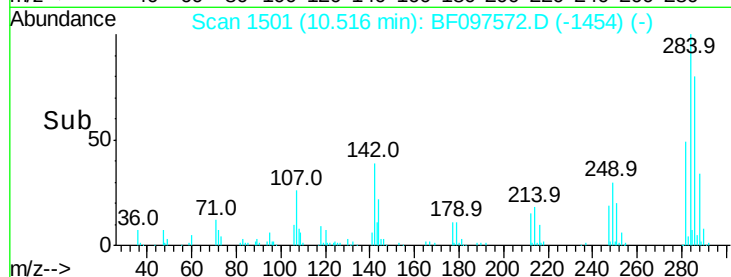
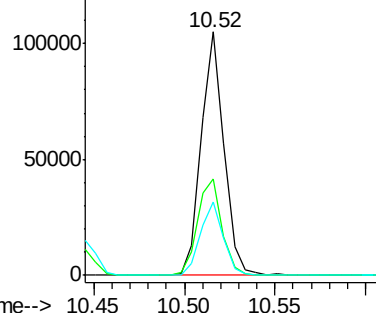
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Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 31.328 ng

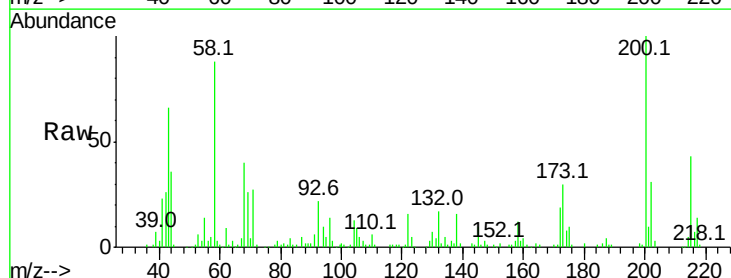
RT: 10.62 min Scan# 1519

Delta R.T. -0.02 min

Lab File: BF097572.D

Acq: 10 Aug 2017 21:51

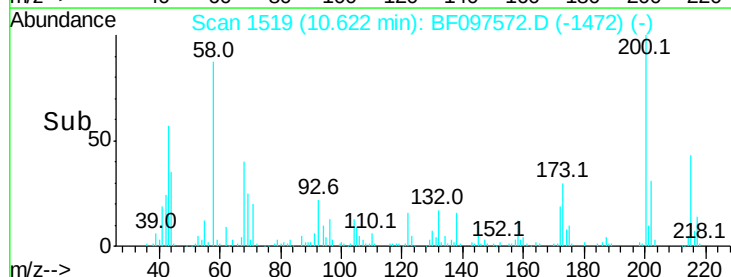
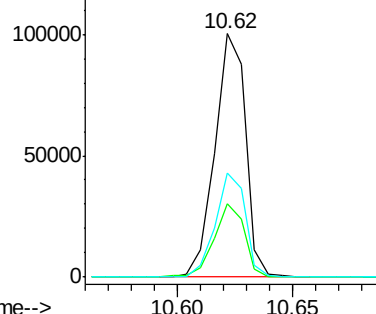
Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	30.0	6.3	46.3	
215	43.0	27.2	67.2	

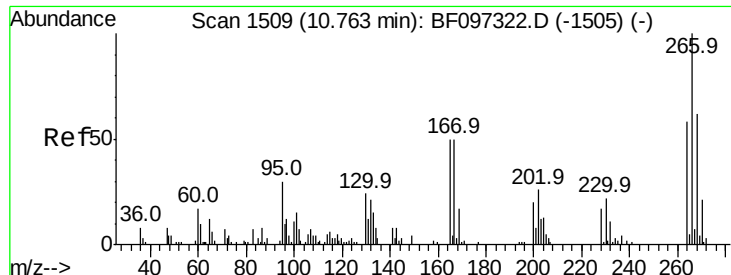


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





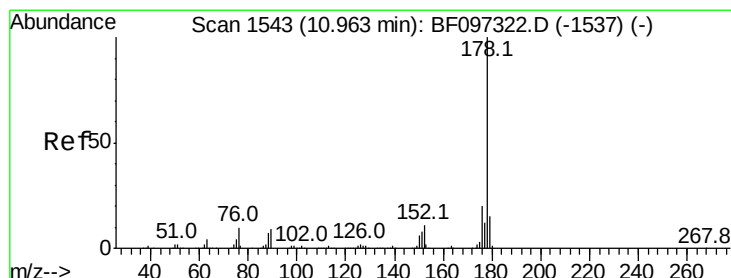
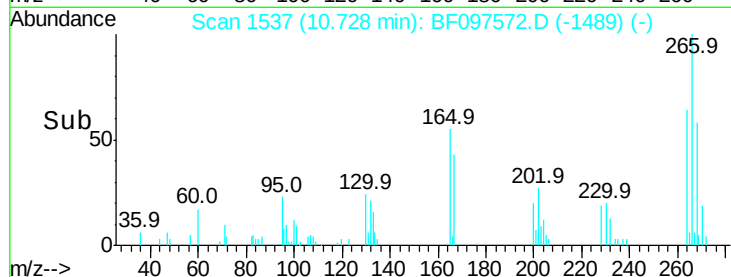
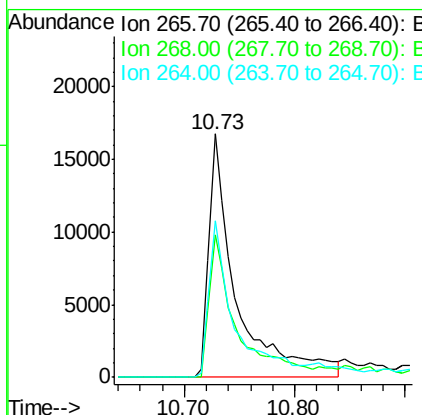
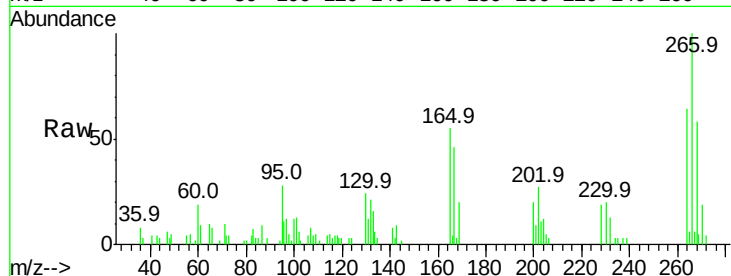
#69
 Pentachlorophenol
 Concen: 20.643 ng
 RT: 10.73 min Scan# 1537
 Delta R.T. -0.02 min
 Lab File: BF097572.D
 Acq: 10 Aug 2017 21:51

Instrument :
 BNA_F
 ClientSampleId :
 TRAP-ROCK-FINESMSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	28602		
268	58.5		51.1	76.7
264	64.3		51.7	77.5

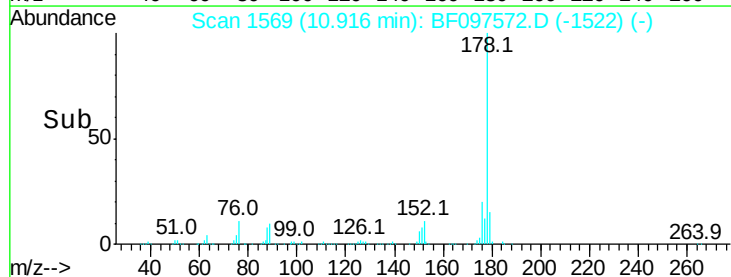
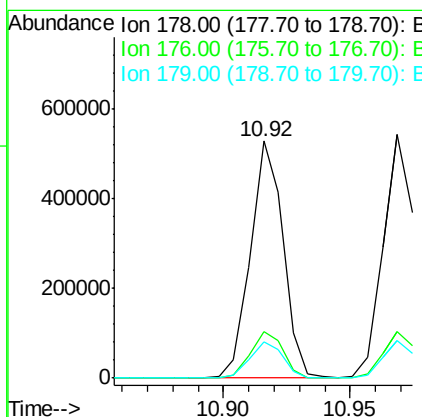
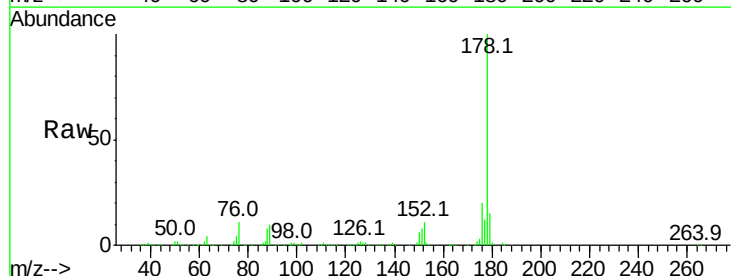
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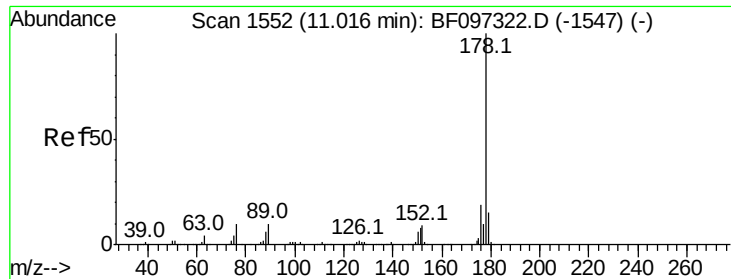
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#70
 Phenanthrene
 Concen: 29.641 ng
 RT: 10.92 min Scan# 1569
 Delta R.T. -0.02 min
 Lab File: BF097572.D
 Acq: 10 Aug 2017 21:51

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	475233		
176	19.8		16.2	24.4
179	15.4		12.6	19.0





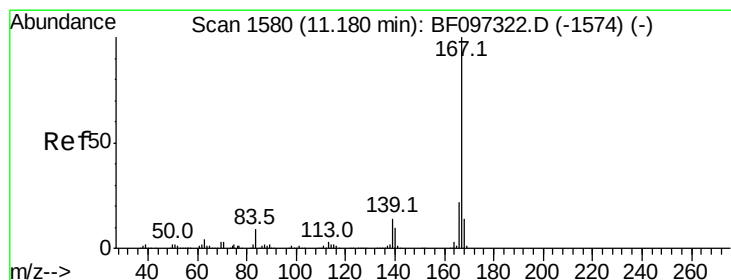
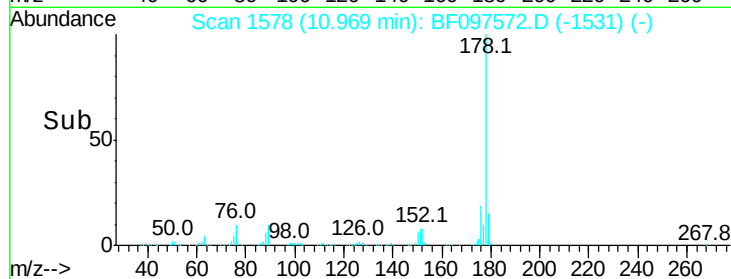
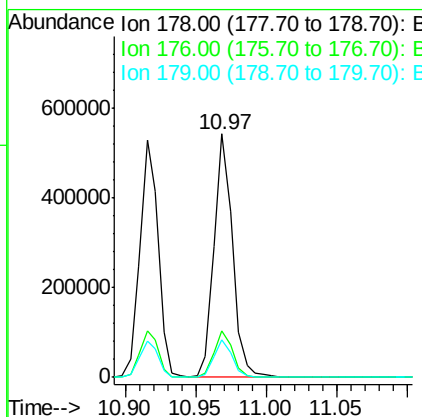
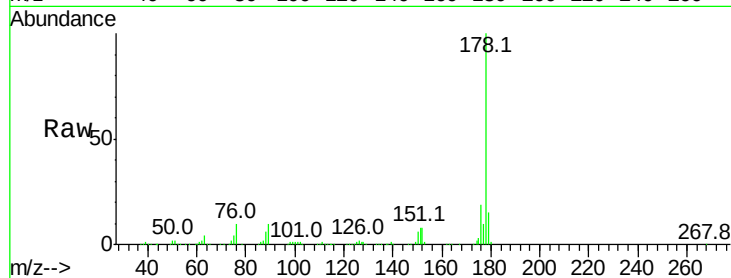
#71
 Anthracene
 Concen: 30.105 ng
 RT: 10.97 min Scan# 1578
 Delta R.T. -0.02 min
 Lab File: BF097572.D
 Acq: 10 Aug 2017 21:51

Instrument :
 BNA_F
 ClientSampleId :
 TRAP-ROCK-FINESMSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.8
179	15.3	12.7	19.1

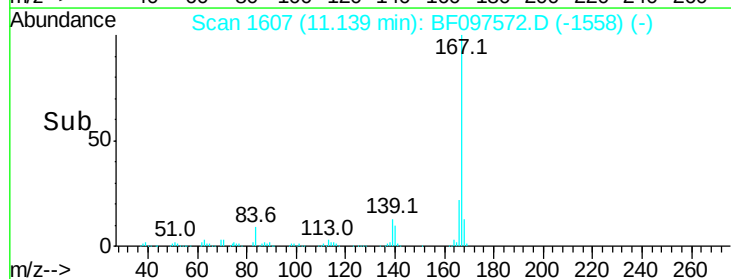
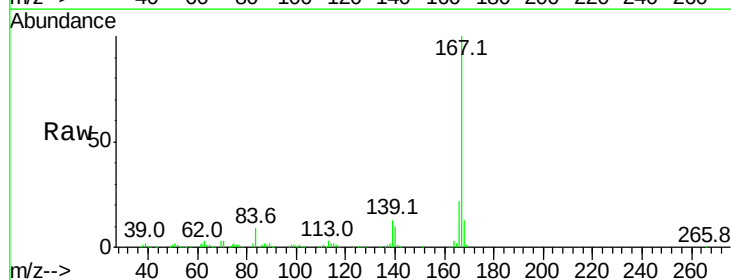
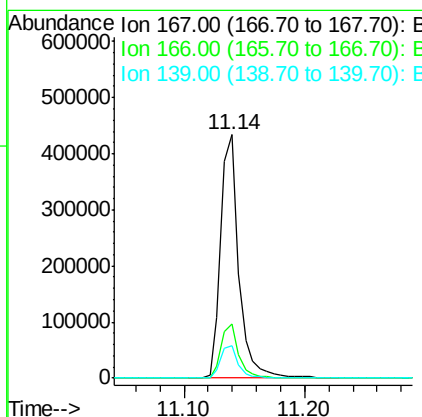
Manual Integrations
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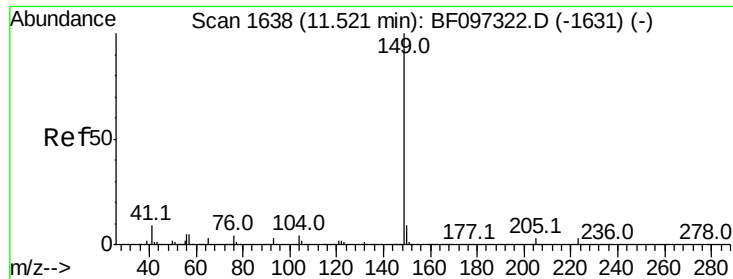
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#72
 Carbazole
 Concen: 27.812 ng
 RT: 11.14 min Scan# 1607
 Delta R.T. -0.01 min
 Lab File: BF097572.D
 Acq: 10 Aug 2017 21:51

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.3	18.1	27.1
139	13.3	11.7	17.5





#73

Di-n-butylphthalate

Concen: 30.042 ng

RT: 11.47 min Scan# 1664

Delta R.T. -0.02 min

Lab File: BF097572.D

Acq: 10 Aug 2017 21:51

Instrument :

BNA_F

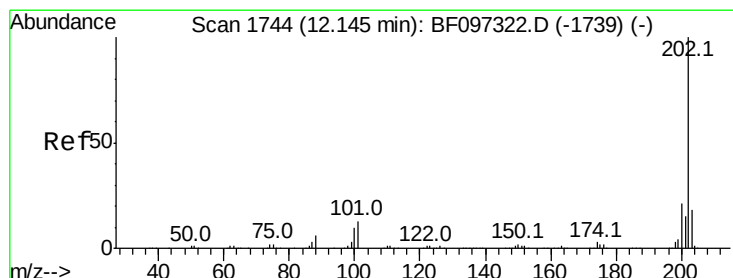
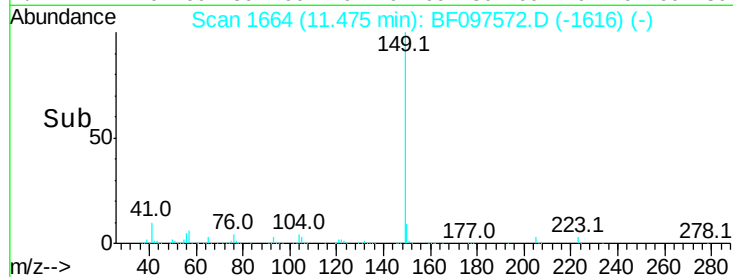
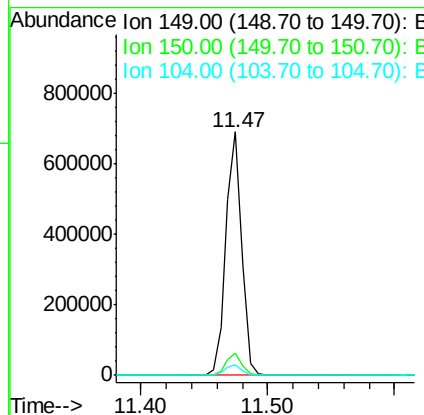
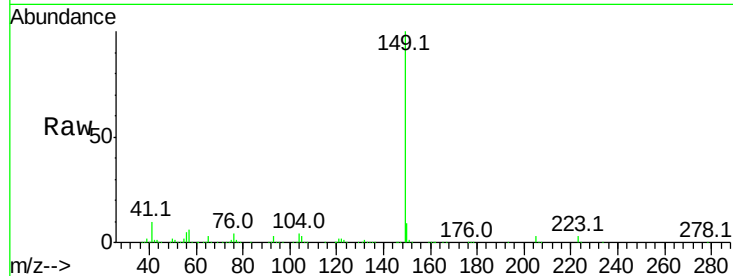
ClientSampleId :

TRAP-ROCK-FINESMSD

Tot Ion:	149	Resp:	599724
Ion Ratio	Lower	Upper	
149	100		
150	9.1	7.7	11.5
104	4.4	4.0	6.0

Manual Integrations
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#74

Fluoranthene

Concen: 25.345 ng

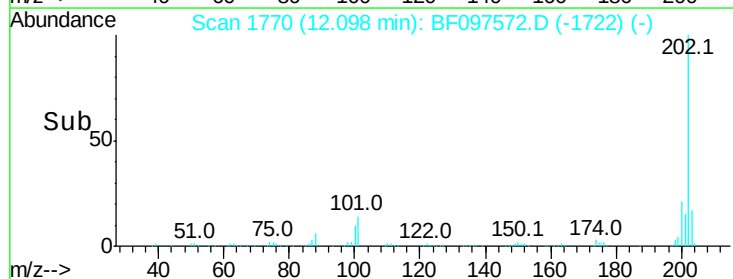
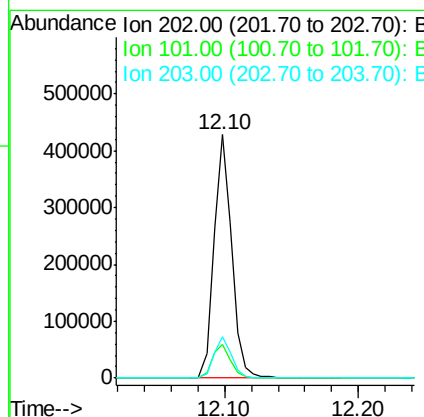
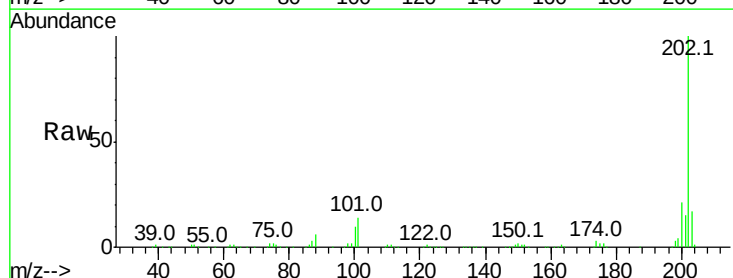
RT: 12.10 min Scan# 1770

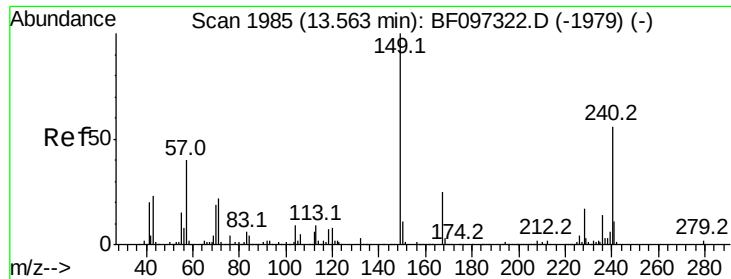
Delta R.T. -0.02 min

Lab File: BF097572.D

Acq: 10 Aug 2017 21:51

Tgt Ion:	202	Resp:	398091
Ion Ratio	Lower	Upper	
202	100		
101	14.0	0.0	33.2
203	17.0	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: BF097572.D

Acq: 10 Aug 2017 21:51

Instrument :

BNA_F

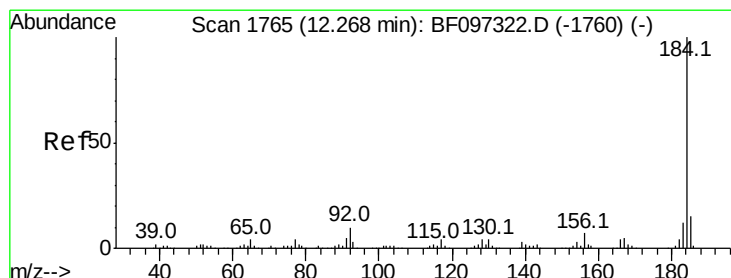
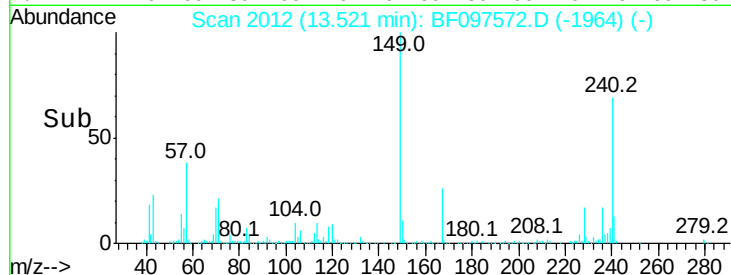
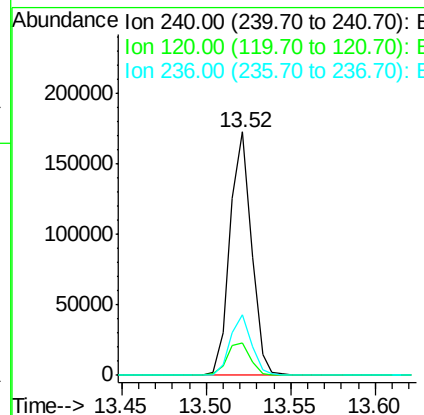
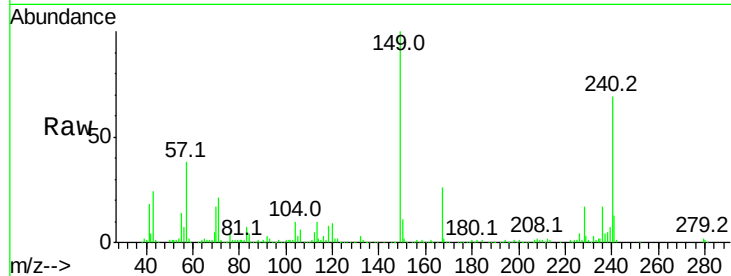
ClientSampleId :

TRAP-ROCK-FINESMSD

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	13.4	5.8	8.8#	
236	25.1	20.5	30.7	

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#76

Benzidine

Concen: 35.679 ng

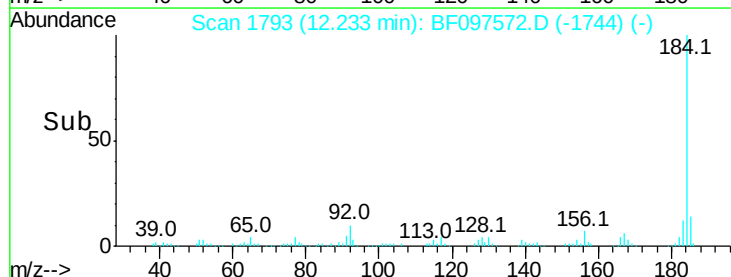
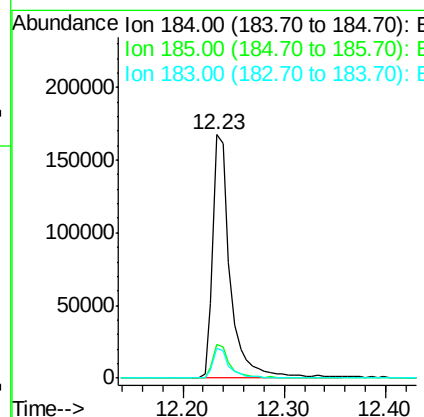
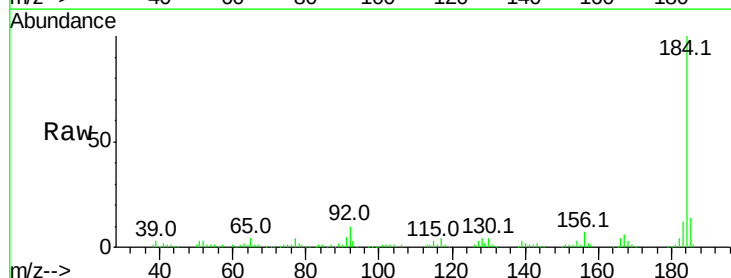
RT: 12.23 min Scan# 1793

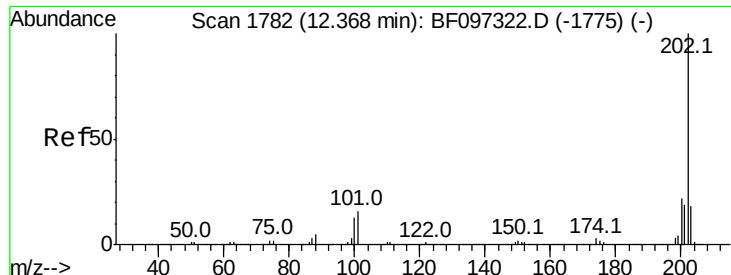
Delta R.T. -0.01 min

Lab File: BF097572.D

Acq: 10 Aug 2017 21:51

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
185	14.0	15.5	23.3#	
183	12.2	9.8	14.6	





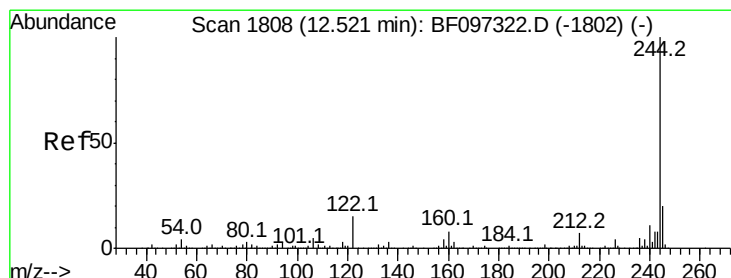
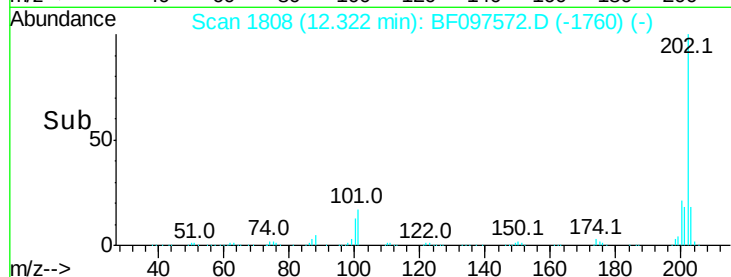
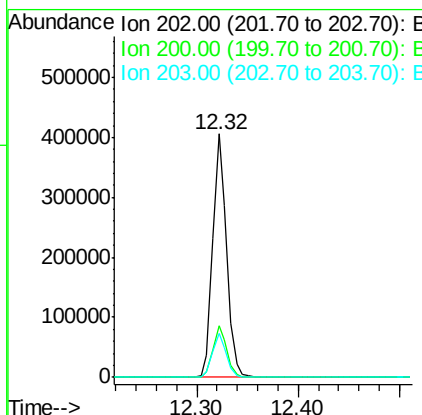
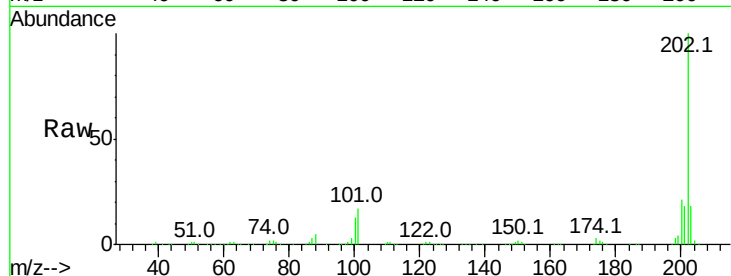
#77
Pvrene
Concen: 30.664 ng
RT: 12.32 min Scan# 1808
Delta R.T. -0.02 min
Lab File: BF097572.D
Acq: 10 Aug 2017 21:51

Instrument :
BNA_F
ClientSampleId :
TRAP-ROCK-FINESMSD

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

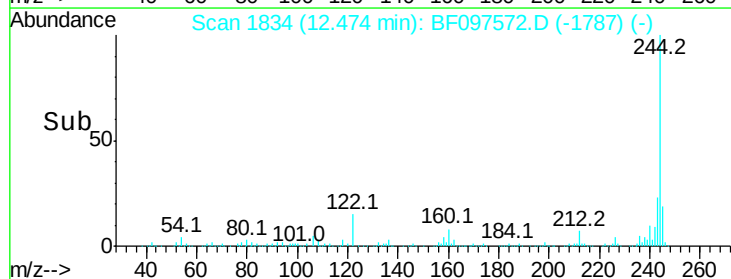
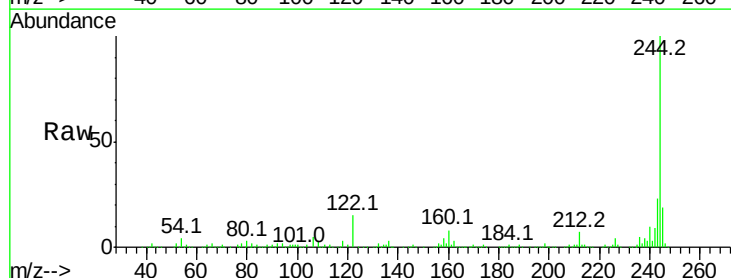
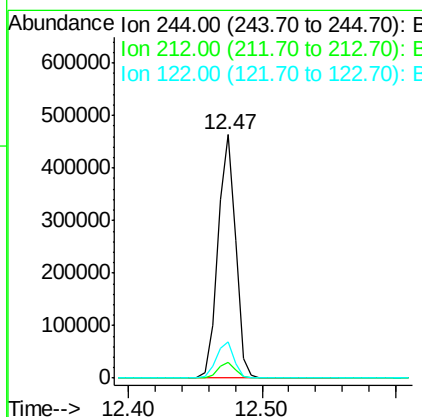
Manual Integrations
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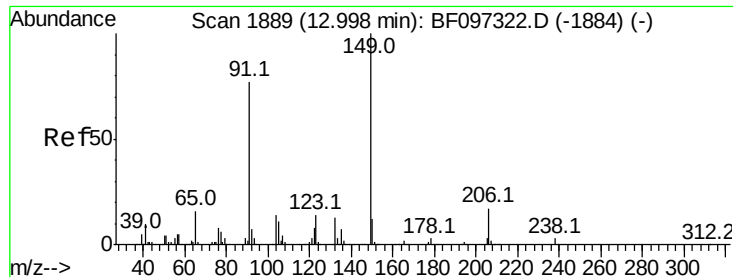
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#78
Terphenyl-d14
Concen: 57.442 ng
RT: 12.47 min Scan# 1834
Delta R.T. -0.02 min
Lab File: BF097572.D
Acq: 10 Aug 2017 21:51

Tgt Ion	Ratio	Resp	Lower	Upper
244	100			
212	6.6	6.0	9.0	
122	14.8	10.3	15.5	





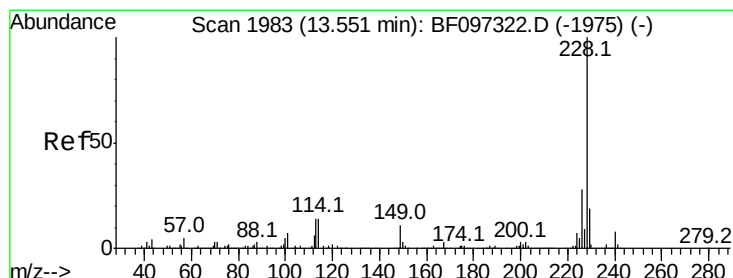
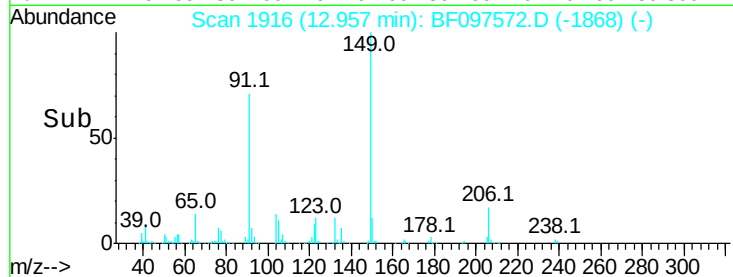
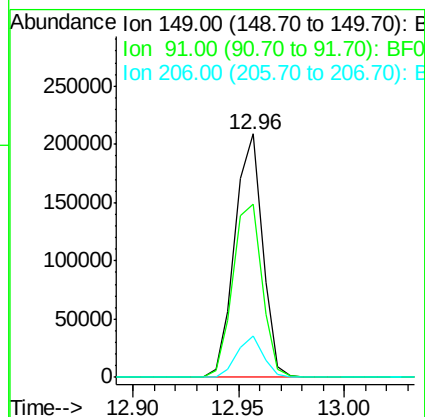
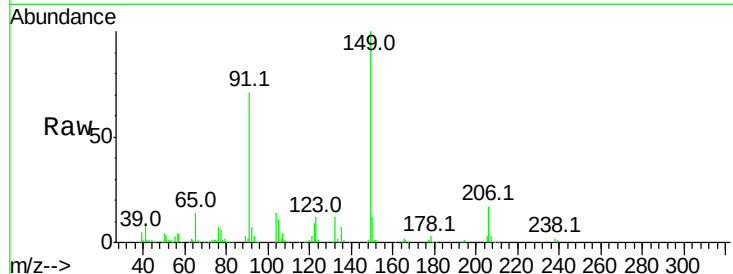
#79
Butylbenzylphthalate
Concen: 29.642 ng
RT: 12.96 min Scan# 1916
Delta R.T. -0.02 min
Lab File: BF097572.D
Acq: 10 Aug 2017 21:51

Instrument :
BNA_F
ClientSampleId :
TRAP-ROCK-FINESMSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	189362		
91	71.4	45.0	67.4#	
206	17.2	17.0	25.6	

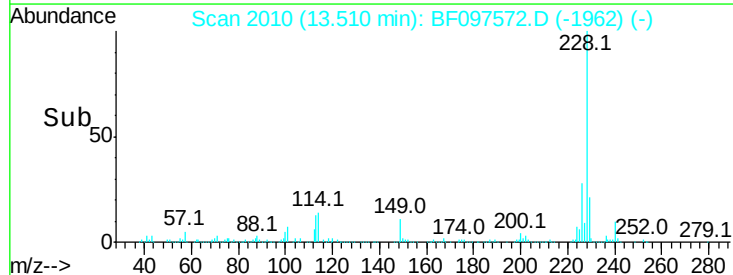
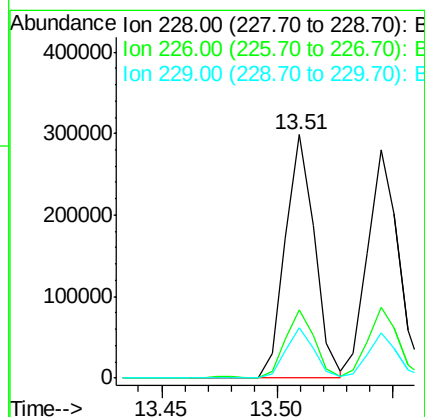
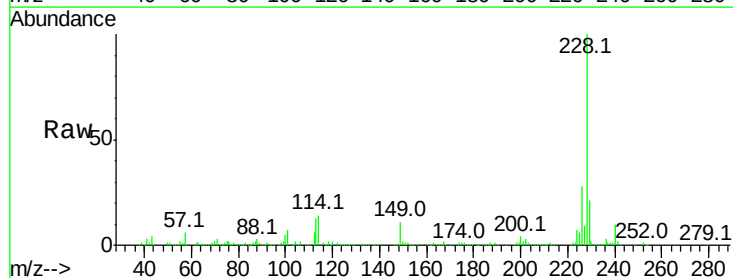
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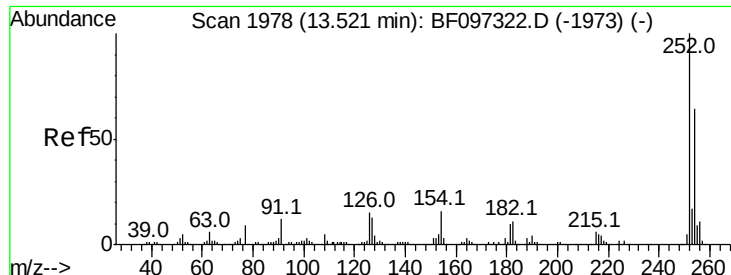
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#80
Benzo(a)anthracene
Concen: 26.363 ng
RT: 13.51 min Scan# 2010
Delta R.T. -0.02 min
Lab File: BF097572.D
Acq: 10 Aug 2017 21:51

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	261678		
226	28.2	22.6	33.8	
229	20.5	16.3	24.5	





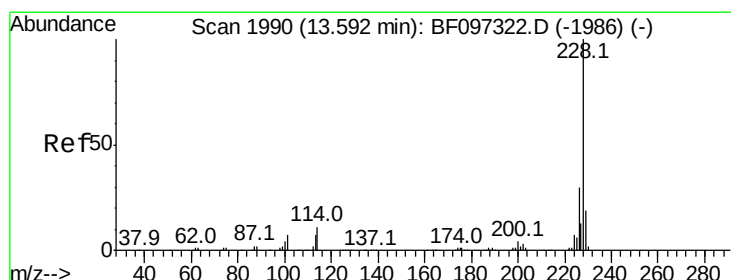
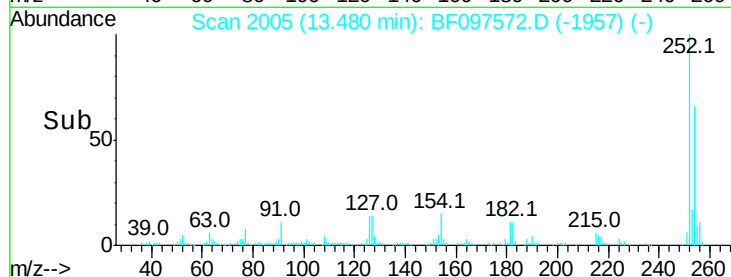
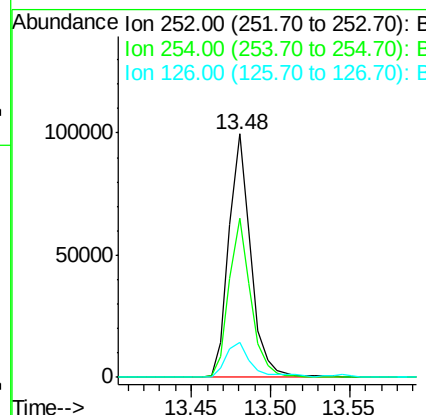
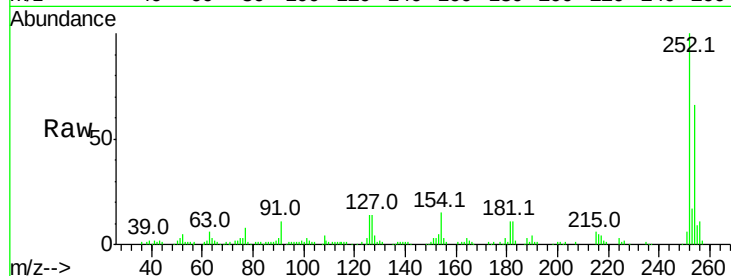
#81
 3,3'-Dichlorobenzidine
 Concen: 25.585 ng
 RT: 13.48 min Scan# 2005
 Delta R.T. -0.02 min
 Lab File: BF097572.D
 Acq: 10 Aug 2017 21:51

Instrument :
 BNA_F
 ClientSampleId :
 TRAP-ROCK-FINESMSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.6	51.5	77.3
126	14.4	15.8	23.8

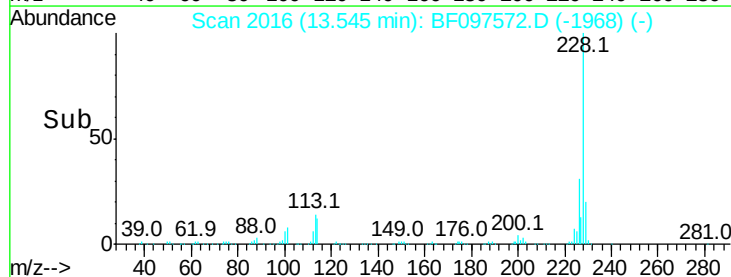
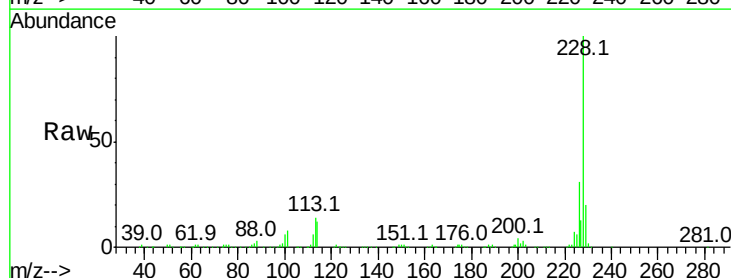
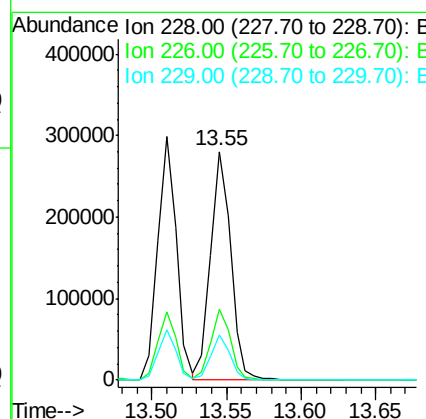
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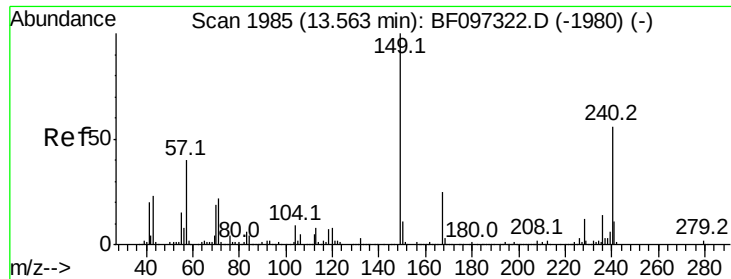
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#82
 Chrysene
 Concen: 27.038 ng
 RT: 13.55 min Scan# 2016
 Delta R.T. -0.02 min
 Lab File: BF097572.D
 Acq: 10 Aug 2017 21:51

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.9	37.3
229	19.5	15.8	23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 26.006 ng

RT: 13.52 min Scan# 2012

Delta R.T. -0.02 min

Lab File: BF097572.D

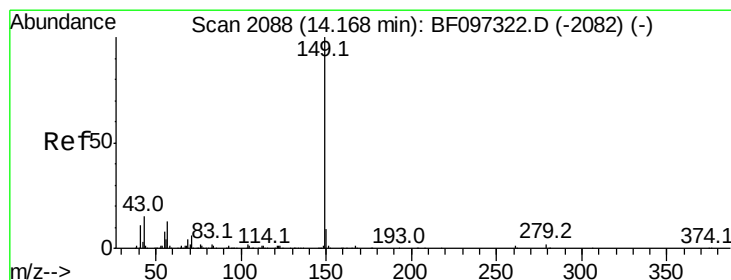
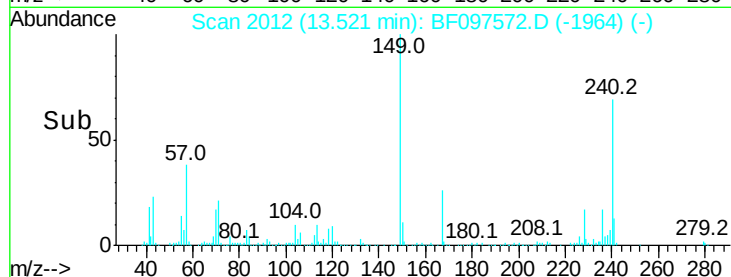
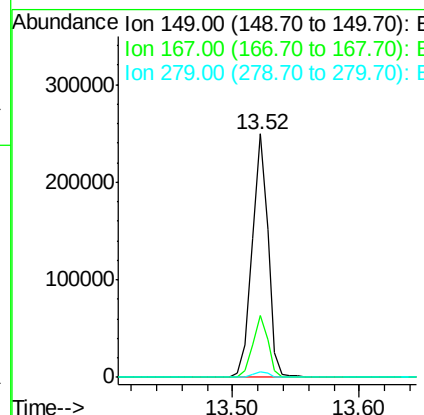
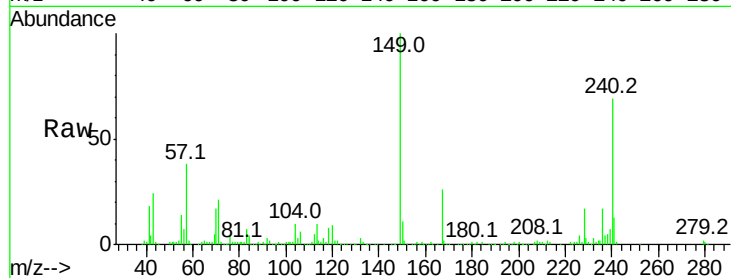
Acq: 10 Aug 2017 21:51

Instrument :
BNA_F
ClientSampleId :
TRAP-ROCK-FINESMSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	216916		
167	25.6	21.0	31.4	
279	2.3	1.9	2.9	

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#84

Di-n-octyl phthalate

Concen: 26.411 ng

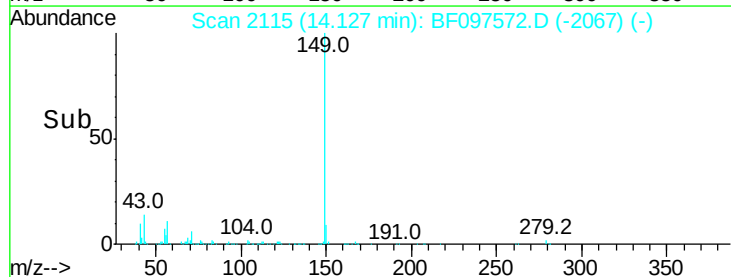
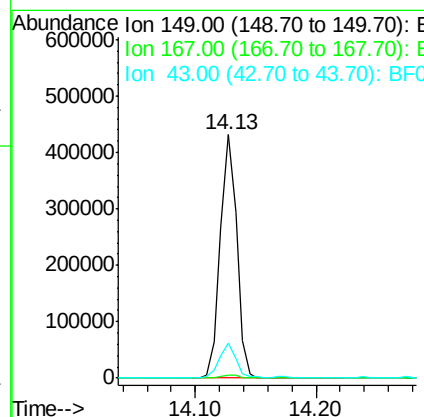
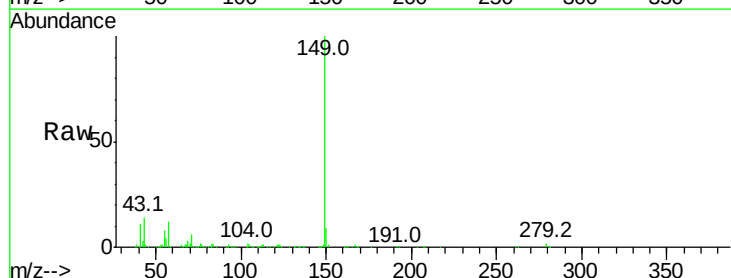
RT: 14.13 min Scan# 2115

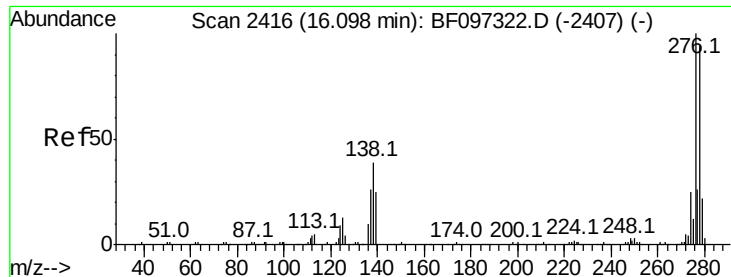
Delta R.T. -0.02 min

Lab File: BF097572.D

Acq: 10 Aug 2017 21:51

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	404275		
167	1.5	1.2	1.8	
43	13.6	8.5	12.7#	





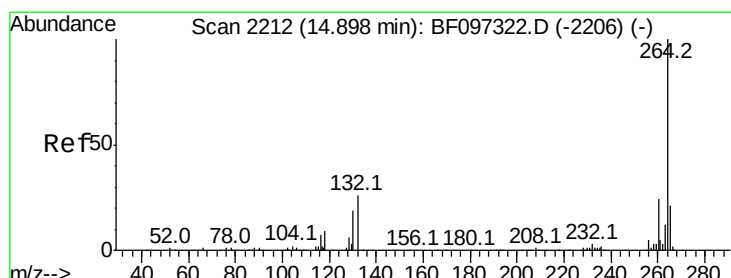
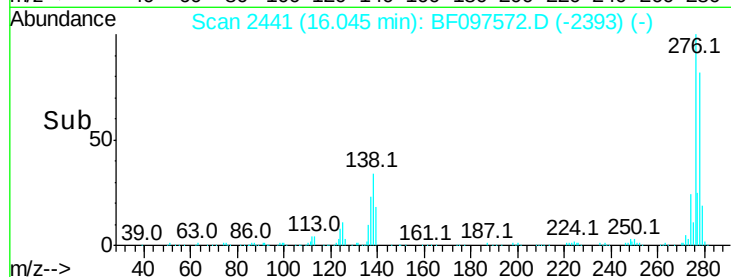
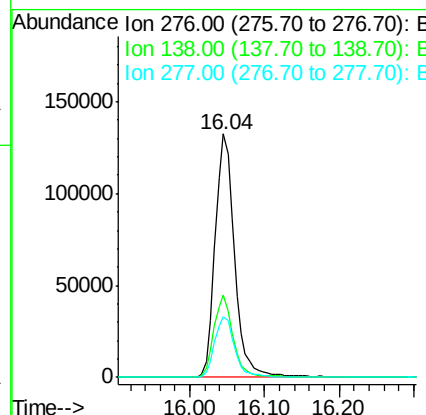
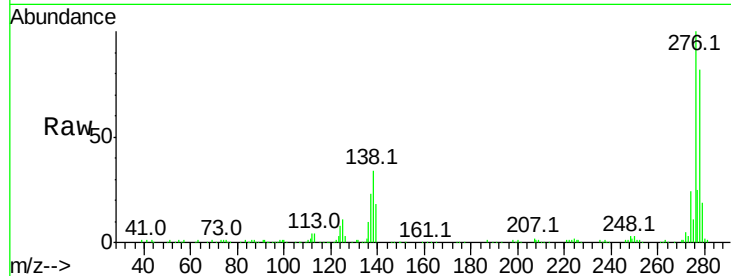
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 28.746 ng
 RT: 16.04 min Scan# 2441
 Delta R.T. -0.02 min
 Lab File: BF097572.D
 Acq: 10 Aug 2017 21:51

Instrument :
 BNA_F
 ClientSampleId :
 TRAP-ROCK-FINESMSD

Tot Ion	Ratio	Resp	Lower	Upper
276	100	238910		
138	33.5		27.8	41.6
277	25.5		20.2	30.4

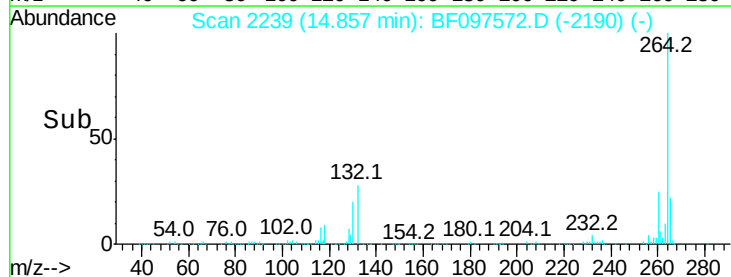
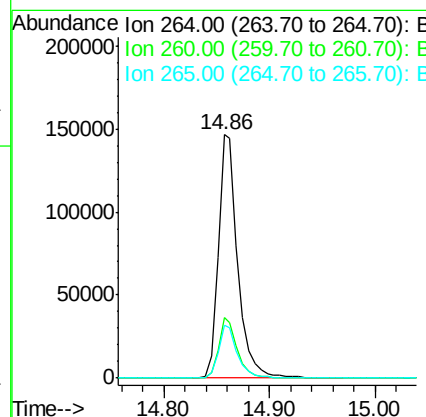
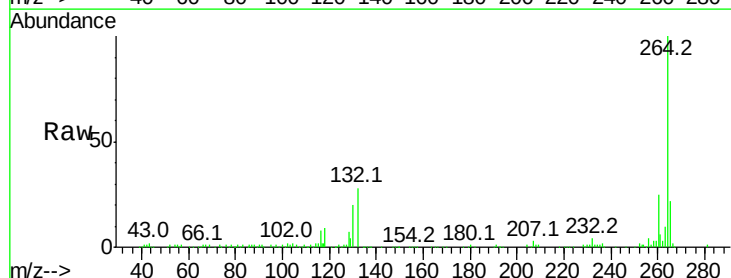
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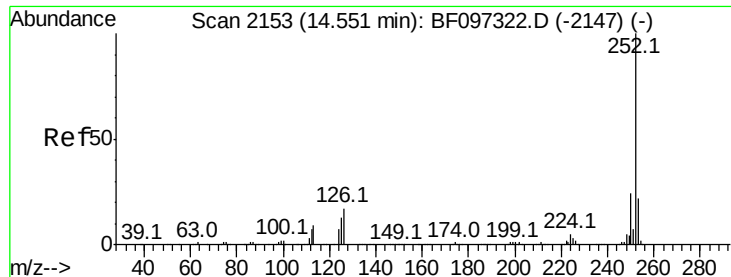
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 14.86 min Scan# 2239
 Delta R.T. -0.01 min
 Lab File: BF097572.D
 Acq: 10 Aug 2017 21:51

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	188563		
260	24.7		19.5	29.3
265	21.7		17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 27.855 ng

RT: 14.52 min Scan# 2181

Delta R.T. -0.01 min

Lab File: BF097572.D

Acq: 10 Aug 2017 21:51

Instrument :

BNA_F

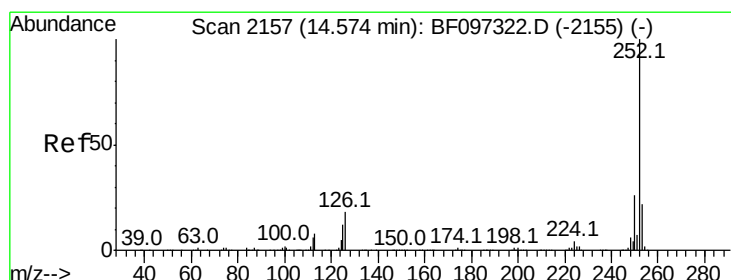
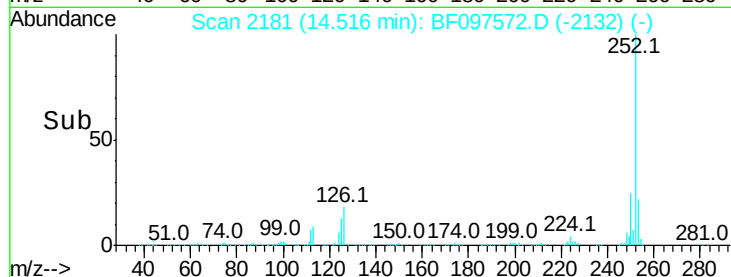
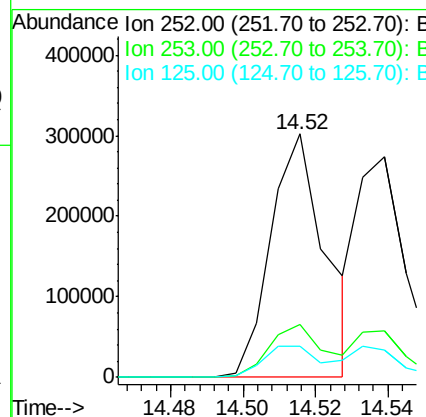
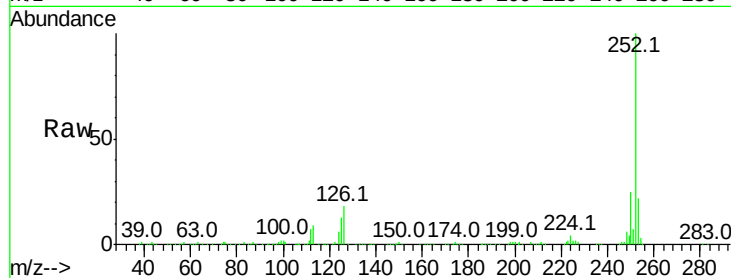
ClientSampleId :

TRAP-ROCK-FINESMSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100			
253	21.6	18.1	27.1	
125	12.9	9.8	14.8	

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#88

Benzo(k)fluoranthene

Concen: 23.885 ng m

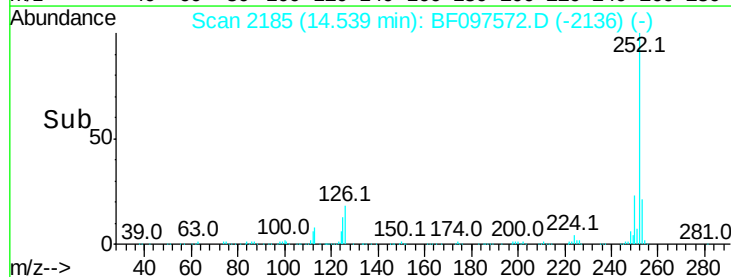
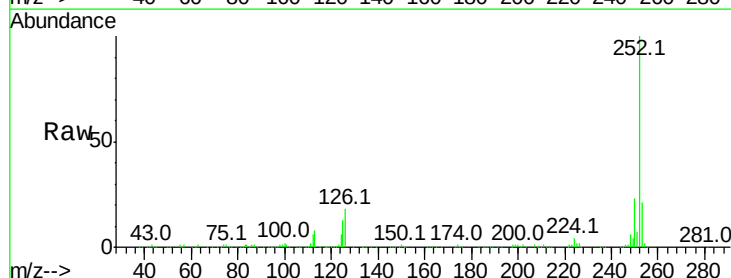
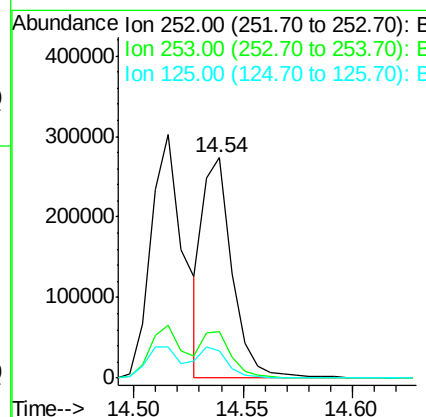
RT: 14.54 min Scan# 2185

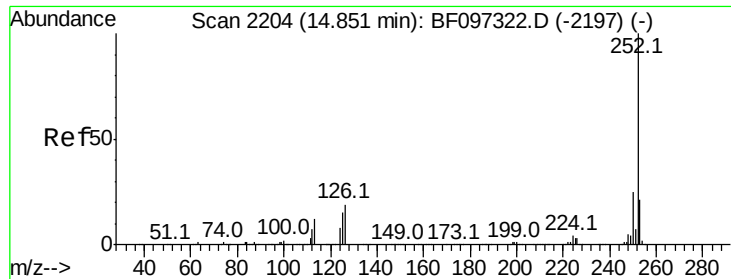
Delta R.T. -0.01 min

Lab File: BF097572.D

Acq: 10 Aug 2017 21:51

Tgt Ion	Ratio	Resp	Lower	Upper
252	100			
253	21.1	18.4	27.6	
125	12.6	13.1	19.7#	





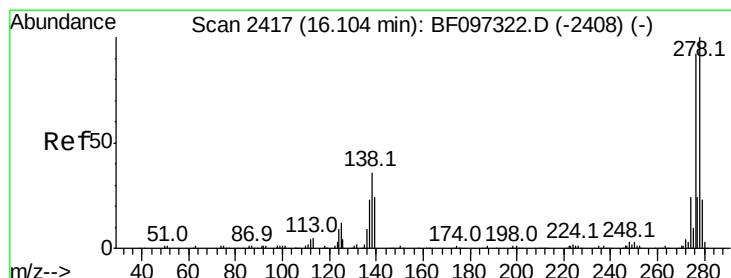
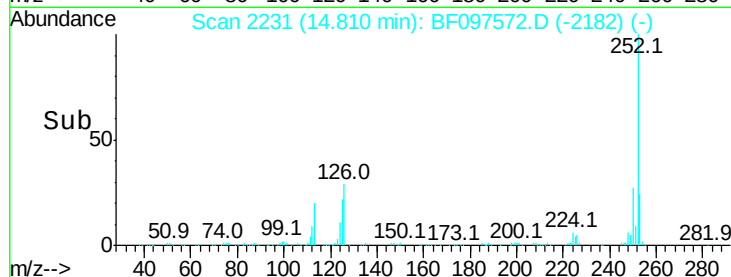
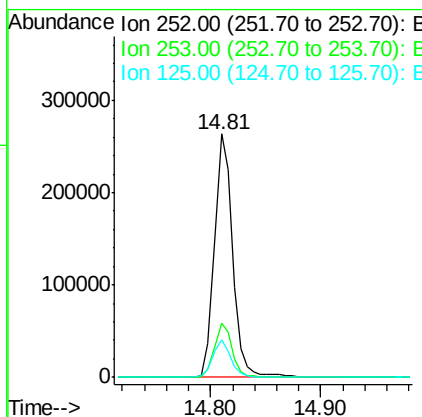
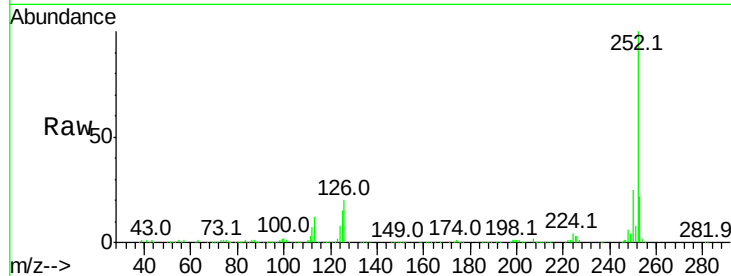
#89
Benzo(a)pyrene
Concen: 29.031 ng
RT: 14.81 min Scan# 2231
Delta R.T. -0.01 min
Lab File: BF097572.D
Acq: 10 Aug 2017 21:51

Instrument :
BNA_F
ClientSampleId :
TRAP-ROCK-FINESMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	15.3	11.0	16.4

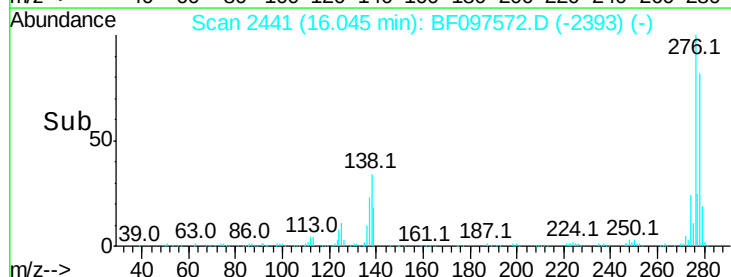
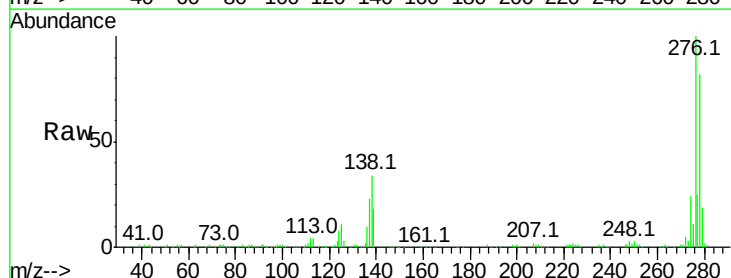
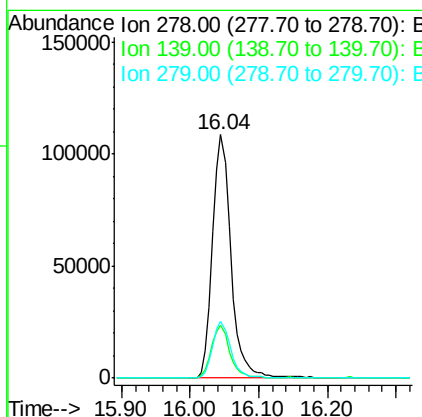
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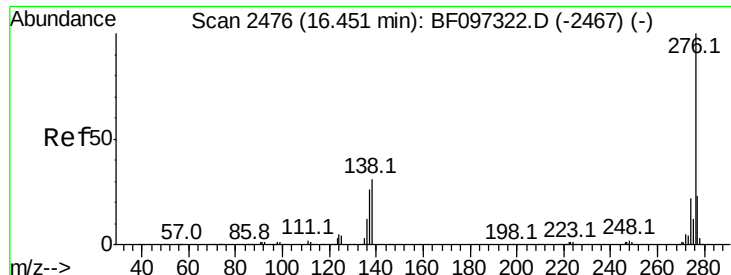
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#90
Dibenzo(a,h)anthracene
Concen: 23.919 ng
RT: 16.04 min Scan# 2441
Delta R.T. -0.02 min
Lab File: BF097572.D
Acq: 10 Aug 2017 21:51

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.7	16.6	24.8
279	23.5	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 21.883 ng
 RT: 16.39 min Scan# 2500
 Delta R.T. -0.02 min
 Lab File: BF097572.D
 Acq: 10 Aug 2017 21:51

Instrument :
 BNA_F
 ClientSampleId :
 TRAP-ROCK-FINESMSD

Tot Ion:	276	Resp:	195225
Ion Ratio	Lower	Upper	
276	100		
277	22.4	18.6	28.0
138	29.2	25.4	38.0

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