

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012015\
 Data File : BF076988.D
 Acq On : 21 Jan 2015 7:05
 Operator : IZ / TP
 Sample : G1111-01MSD
 Misc : S
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBDC1-011615MSD

Manual Integrations
 APPROVED

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 1/21/2015 5:30:29 PM

Quant Time: Jan 21 07:50:01 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 21 04:28:05 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	28168	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	120488	20.00	ng	-0.01
38) Acenaphthene-d10	14.95	164	65191	20.00	ng	0.00
63) Phenanthrene-d10	17.74	188	111858	20.00	ng	0.00
75) Chrysene-d12	21.24	240	107891	20.00	ng	0.00
86) Perylene-d12	22.88	264	96968	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	4.96	112	192676	112.46	ng	0.00
7) Phenol-d6	7.32	99	249078	115.25	ng	0.00
23) Nitrobenzene-d5	9.21	82	145905	67.09	ng	0.00
41) 2,4,6-Tribromophenol	16.63	330	57908	109.43	ng	-0.01
44) 2-Fluorobiphenyl	13.48	172	251799	58.78	ng	0.00
78) Terphenyl-d14	19.97	244	257996	55.05	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.25	88	18482	25.19	ng	# 94
3) Pyridine	1.73	79	54149	28.53	ng	97
4) n-Nitrosodimethylamine	1.68	42	29139	30.99	ng	95
6) Aniline	7.20	93	50863	17.01	ng	99
8) 2-Chlorophenol	7.44	128	69620	35.25	ng	93
9) Benzaldehyde	6.92	77	19670	13.94	ng	98
10) Phenol	7.34	94	96973	42.25	ng	98
11) bis(2-Chloroethyl)ether	7.44	93	66505	37.04	ng	93
12) 1,3-Dichlorobenzene	7.75	146	74026	32.94	ng	98
13) 1,4-Dichlorobenzene	7.94	146	76818	32.24	ng	99
14) 1,2-Dichlorobenzene	8.26	146	74013	33.71	ng	96
15) Benzyl Alcohol	8.34	79	62332	35.64	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.70	45	84511	35.01	ng	91
17) 2-Methylphenol	8.70	107	57593	35.68	ng	91
18) Hexachloroethane	9.01	117	26639	32.14	ng	98
19) n-Nitroso-di-n-propylamine	8.97	70	53511	35.37	ng	97
20) 3+4-Methylphenols	9.08	107	75004	35.10	ng	95
22) Acetophenone	8.89	105	107576	36.45	ng	98
24) Nitrobenzene	9.25	77	80112	36.16	ng	99
25) Isophorone	9.85	82	142368	35.94	ng	97
26) 2-Nitrophenol	9.99	139	38607	34.54	ng	95
27) 2,4-Dimethylphenol	10.28	122	64972	37.92	ng	97
28) bis(2-Chloroethoxy)methane	10.47	93	85971	38.19	ng	97
29) 2,4-Dichlorophenol	10.60	162	58409	36.58	ng	93
30) 1,2,4-Trichlorobenzene	10.73	180	60984	34.39	ng	99
31) Naphthalene	10.87	128	206232	33.25	ng	99
32) Benzoic acid	10.55	122	8380	8.83	ng	97
33) 4-Chloroaniline	11.11	127	45904	18.31	ng	96
34) Hexachlorobutadiene	11.24	225	34478	32.76	ng	96
35) Caprolactam	11.93	113	15153	32.23	ng	# 89
36) 4-Chloro-3-methylphenol	12.41	107	67372	36.85	ng	94
37) 2-Methylnaphthalene	12.52	142	145177	34.27	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.93	216	56002	34.75	ng	97
40) Hexachlorocyclopentadiene	12.92	237	41515	49.69	ng	98

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.27	196	43367	36.93	ng	92
43) 2,4,5-Trichlorophenol	13.36	196	45085	37.64	ng	98
45) 1,1'-Biphenyl	13.67	154	169449	35.06	ng	96
46) 2-Chloronaphthalene	13.65	162	136307	34.27	ng	99
47) 2-Nitroaniline	13.99	65	48099	39.87	ng	97
48) Acenaphthylene	14.60	152	220762	32.91	ng	98
49) Dimethylphthalate	14.55	163	212527	45.97	ng	99
50) 2,6-Dinitrotoluene	14.64	165	32454	35.14	ng	# 89
51) Acenaphthene	15.03	154	121841	32.01	ng	95
52) 3-Nitroaniline	15.00	138	33797	28.77	ng	95
53) 2,4-Dinitrophenol	15.27	184	9941	31.32	ng	# 83
54) Dibenzofuran	15.45	168	191846	34.60	ng	98
55) 4-Nitrophenol	15.59	139	56675	78.21	ng	88
56) 2,4-Dinitrotoluene	15.58	165	48841	35.83	ng	91
57) Fluorene	16.17	166	158746	33.79	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.79	232	36139	41.44	ng	97
59) Diethylphthalate	16.17	149	172209	36.86	ng	98
60) 4-Chlorophenyl-phenylether	16.27	204	66438	34.57	ng	90
61) 4-Nitroaniline	16.31	138	37528	32.70	ng	97
62) Azobenzene	16.55	77	180267	37.03	ng	97
64) 4,6-Dinitro-2-methylphenol	16.39	198	15431	23.29	ng	93
65) n-Nitrosodiphenylamine	16.51	169	134971	33.84	ng	100
66) 4-Bromophenyl-phenylether	17.11	248	38368	33.86	ng	# 84
67) Hexachlorobenzene	17.12	284	40707	34.09	ng	96
68) Atrazine	17.48	200	52330	43.24	ng	96
69) Pentachlorophenol	17.49	266	38807	71.63	ng	98
70) Phenanthrene	17.77	178	230226	33.00	ng	98
71) Anthracene	17.84	178	224687	33.03	ng	99
72) Carbazole	18.13	167	227514	34.48	ng	99
73) Di-n-butylphthalate	18.72	149	273296	35.79	ng	99
74) Fluoranthene	19.41	202	240576	33.66	ng	97
76) Benzidine	19.65	184	113753	32.95	ng	98
77) Pyrene	19.69	202	247775	33.51	ng	98
79) Butylbenzylphthalate	20.63	149	123757	36.96	ng	100
80) Benzo(a)anthracene	21.23	228	225772	33.35	ng	99
81) 3,3'-Dichlorobenzidine	21.24	252	64497	29.98	ng	# 95
82) Chrysene	21.27	228	195506	31.67	ng	99
83) Bis(2-ethylhexyl)phthalate	21.36	149	185982	40.14	ng	# 95
84) Di-n-octyl phthalate	22.13	149	309230	38.45	ng	99
85) Indeno(1,2,3-cd)pyrene	23.98	276	204862m	31.31	ng	
87) Benzo(b)fluoranthene	22.47	252	203588	31.17	ng	# 96
88) Benzo(k)fluoranthene	22.51	252	194103m	34.02	ng	
89) Benzo(a)pyrene	22.81	252	192270	33.38	ng	# 97
90) Dibenzo(a,h)anthracene	24.00	278	167272	31.65	ng	96
91) Benzo(g,h,i)perylene	24.27	276	171169	32.57	ng	95

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



#1

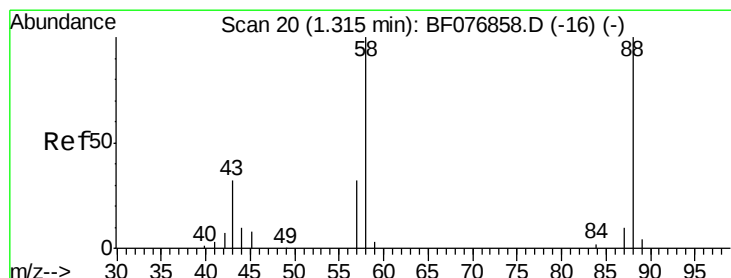
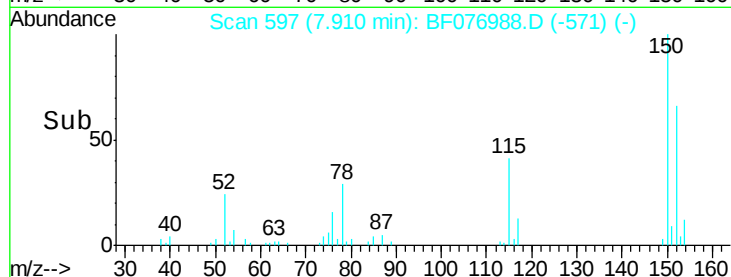
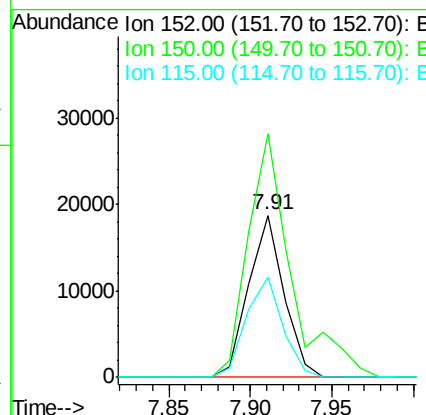
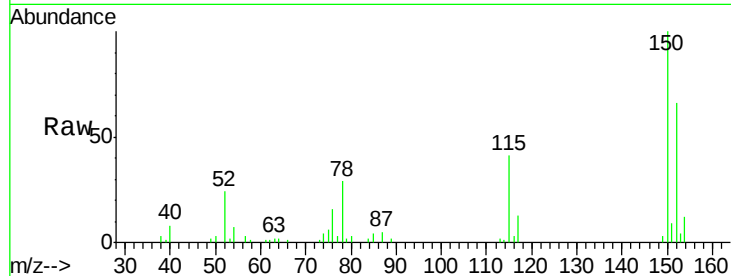
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.91 min Scan# 597
Delta R.T. 0.00 min
Lab File: BF076988.D
Acq: 21 Jan 2015 7:05

Instrument :
BNA_F
ClientSampleId :
RBDC1-011615MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.5	121.7	182.5
115	62.1	47.0	70.6

Manual Integrations
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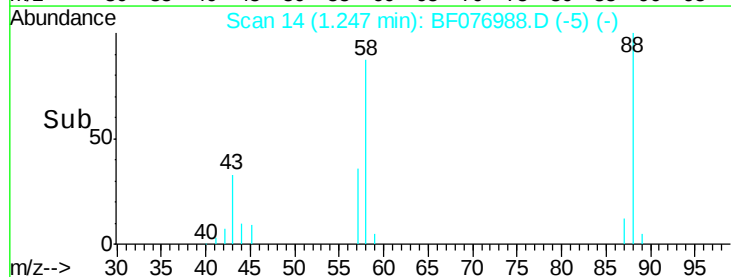
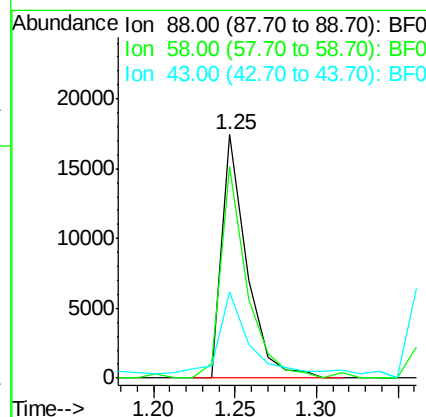
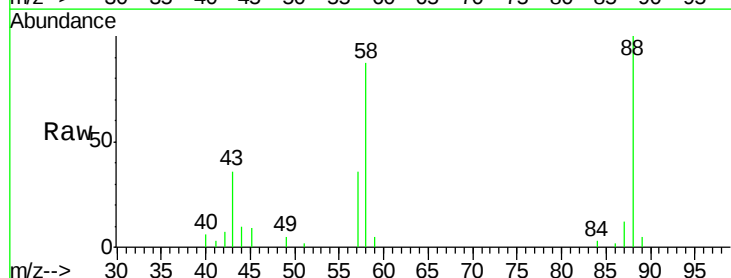
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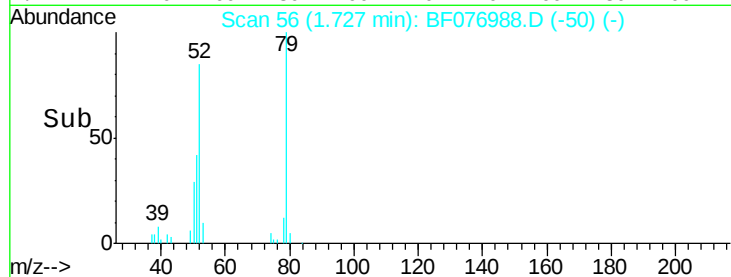
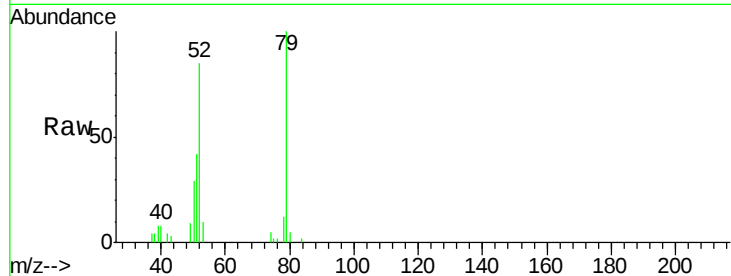


#2

1,4-Dioxane
Concen: 25.19 ng
RT: 1.25 min Scan# 14
Delta R.T. 0.00 min
Lab File: BF076988.D
Acq: 21 Jan 2015 7:05

Tgt Ion	Ratio	Lower	Upper
88	100		
58	93.4	77.0	115.4
43	39.7	25.6	38.4#





#3

Pvridine

Concen: 28.53 ng

RT: 1.73 min Scan# 56

Delta R.T. -0.03 min

Lab File: BF076988.D

Acq: 21 Jan 2015 7:05

Tot Ion:	79	Resp:	54149
Ion Ratio	Lower	Upper	
79	100		
52	84.7	70.1	105.1
51	41.7	35.1	52.7

Instrument :

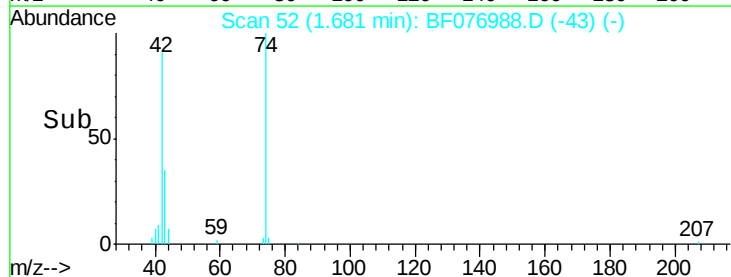
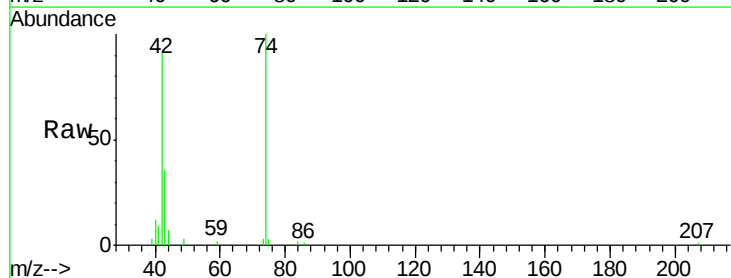
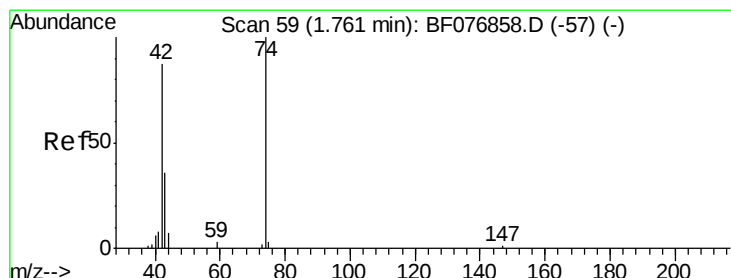
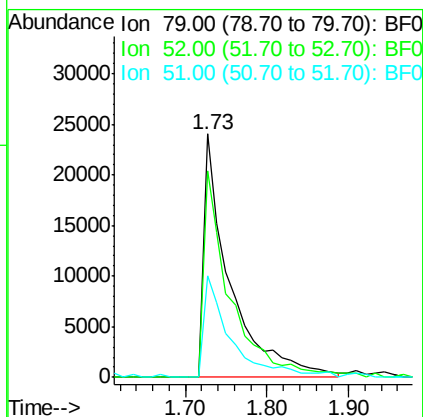
BNA_F

ClientSampleId :

RBDC1-011615MSD

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 30.99 ng

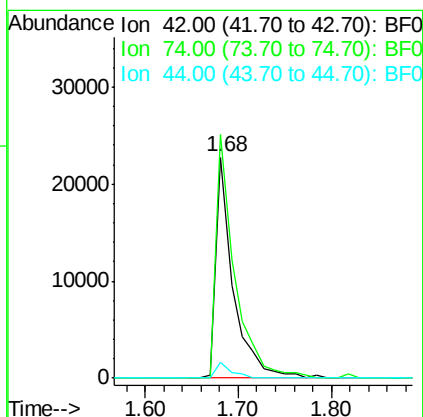
RT: 1.68 min Scan# 52

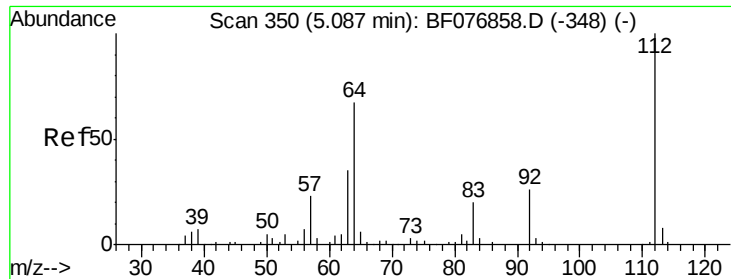
Delta R.T. 0.00 min

Lab File: BF076988.D

Acq: 21 Jan 2015 7:05

Tgt Ion:	42	Resp:	29139
Ion Ratio	Lower	Upper	
42	100		
74	110.3	92.4	138.6
44	7.3	6.2	9.2





#5

2-Fluorophenol

Concen: 112.46 ng

RT: 4.96 min Scan# 339

Delta R.T. 0.00 min

Lab File: BF076988.D

Acq: 21 Jan 2015 7:05

Instrument :

BNA_F

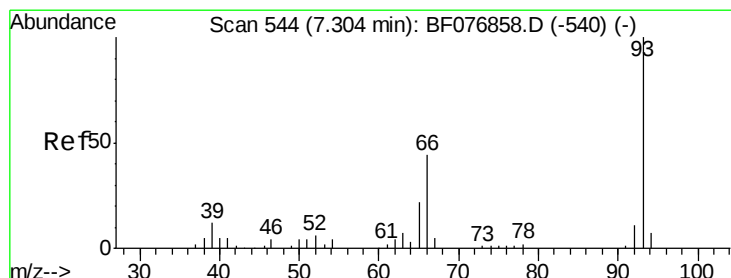
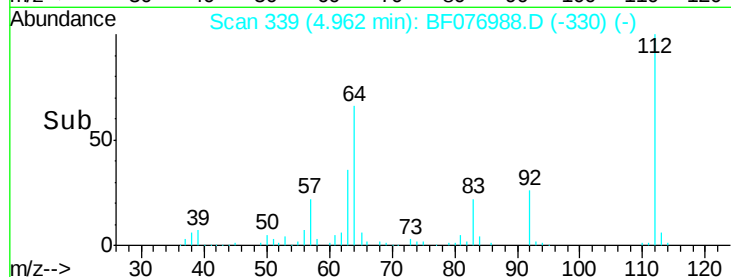
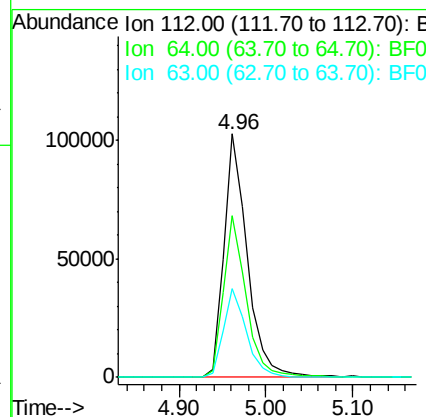
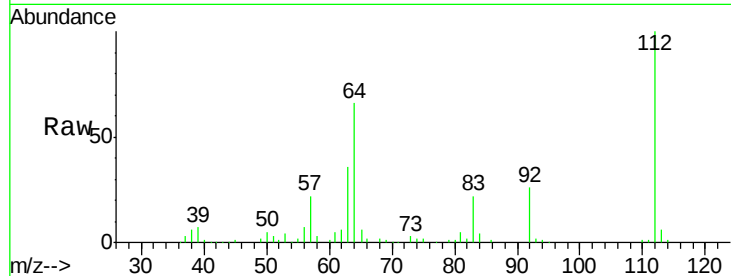
ClientSampleId :

RBDC1-011615MSD

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	66.3	54.2	81.4
63	36.2	28.4	42.6

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#6

Aniline

Concen: 17.01 ng

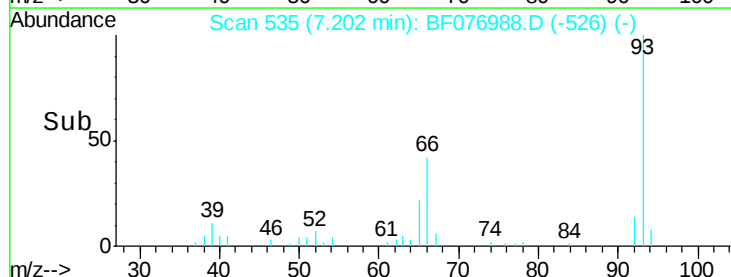
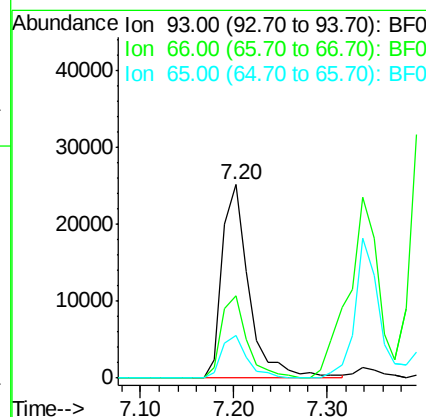
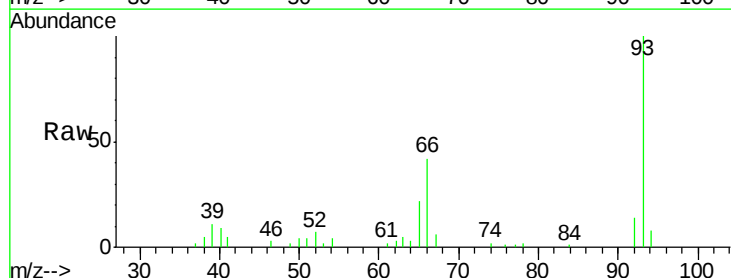
RT: 7.20 min Scan# 535

Delta R.T. 0.00 min

Lab File: BF076988.D

Acq: 21 Jan 2015 7:05

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	42.4	35.0	52.4
65	22.0	17.7	26.5





#7

Phenol-d6

Concen: 115.25 ng

RT: 7.32 min Scan# 545

Delta R.T. 0.00 min

Lab File: BF076988.D

Acq: 21 Jan 2015 7:05

Instrument :

BNA_F

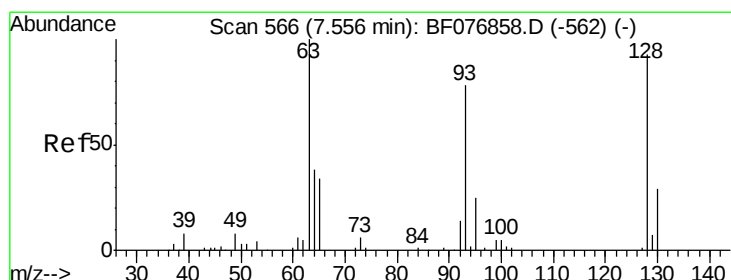
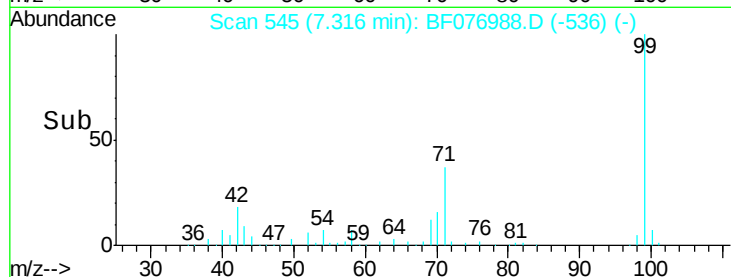
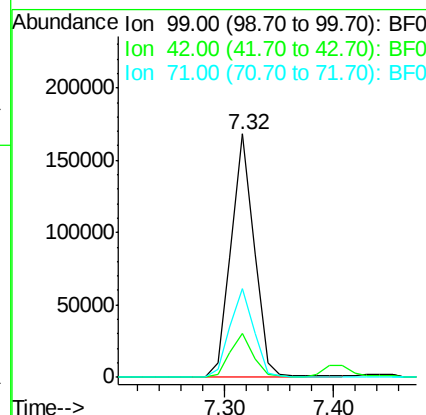
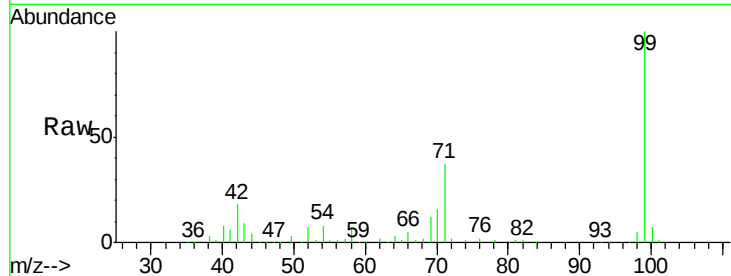
ClientSampleId :

RBDC1-011615MSD

Tot Ion:	99	Resp:	249078
Ion Ratio	Lower	Upper	
99	100		
42	18.3	15.0	22.4
71	36.5	30.5	45.7

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1/21/2015 5:30:29 PM



#8

2-Chlorophenol

Concen: 35.25 ng

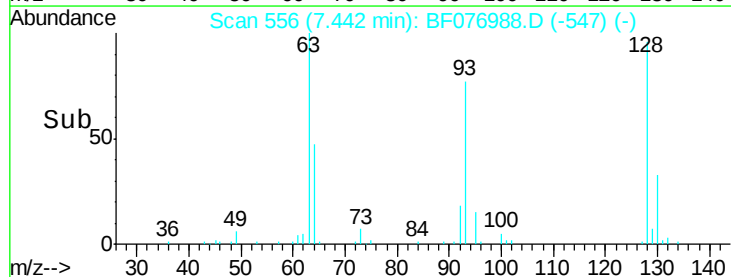
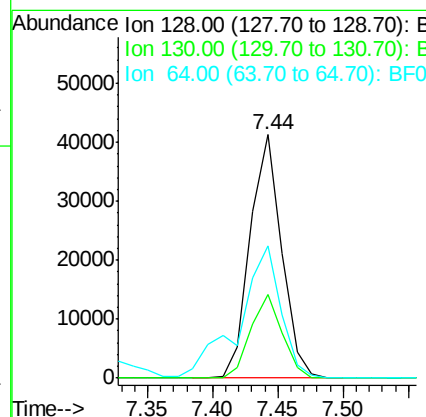
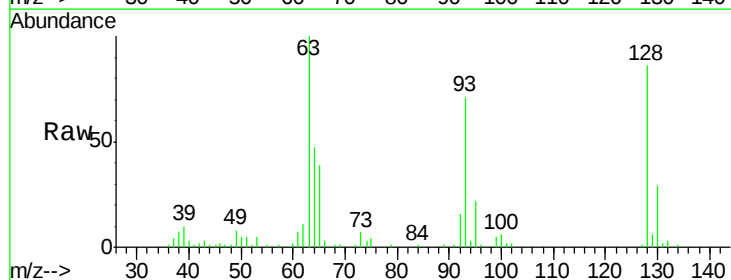
RT: 7.44 min Scan# 556

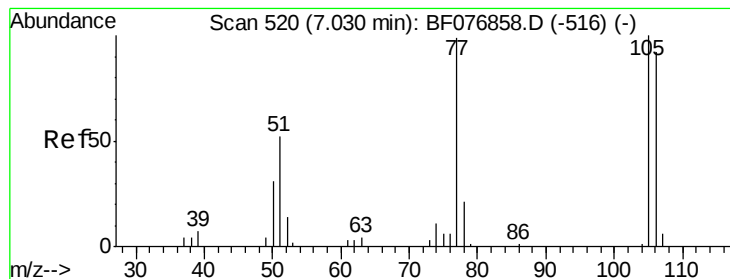
Delta R.T. 0.00 min

Lab File: BF076988.D

Acq: 21 Jan 2015 7:05

Tgt Ion:	128	Resp:	69620
Ion Ratio	Lower	Upper	
128	100		
130	34.2	11.0	51.0
64	54.2	29.3	69.3





#9

Benzaldehyde

Concen: 13.94 ng

RT: 6.92 min Scan# 510

Delta R.T. 0.00 min

Lab File: BF076988.D

Acq: 21 Jan 2015 7:05

Instrument :

BNA_F

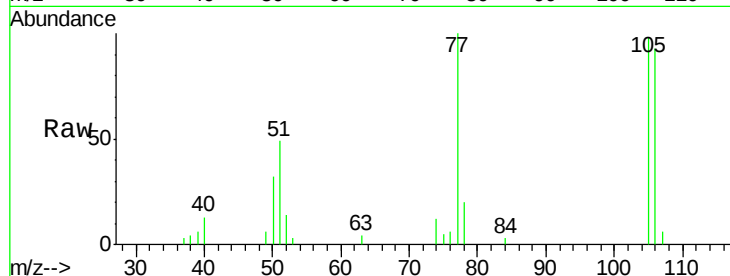
ClientSampleId :

RBDC1-011615MSD

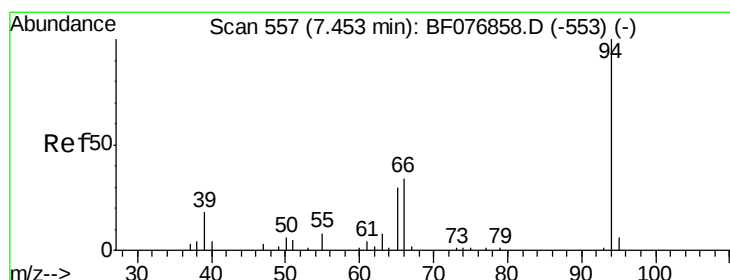
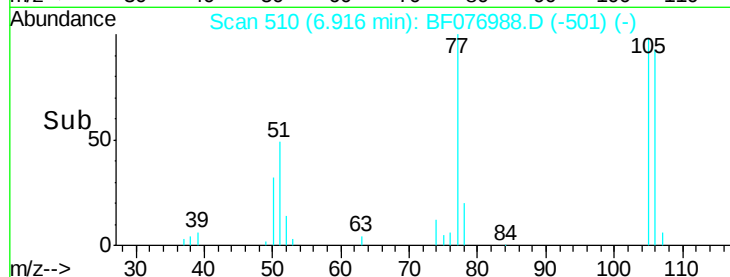
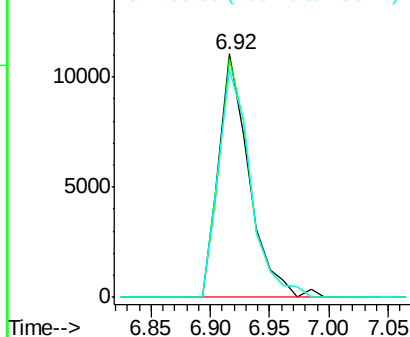
Tot Ion:	77	Resp:	19670
Ion	Ratio	Lower	Upper
77	100		
105	97.9	81.4	121.4
106	93.3	72.8	112.8

Manual Integrations
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Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 42.25 ng

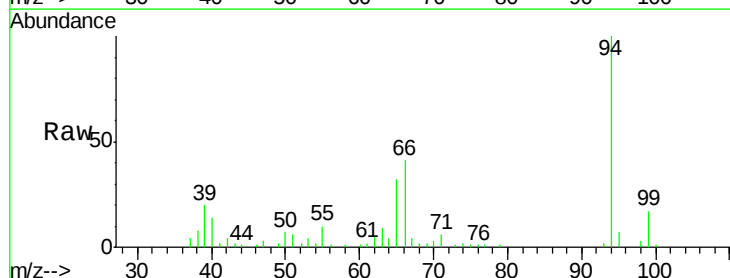
RT: 7.34 min Scan# 547

Delta R.T. -0.01 min

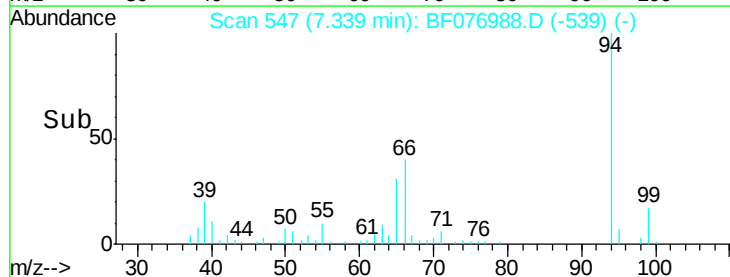
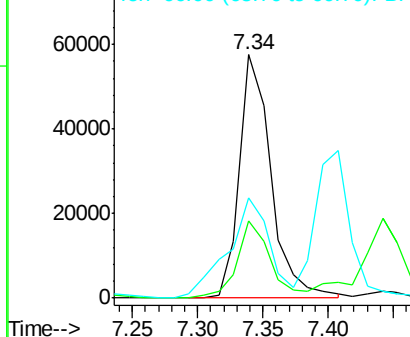
Lab File: BF076988.D

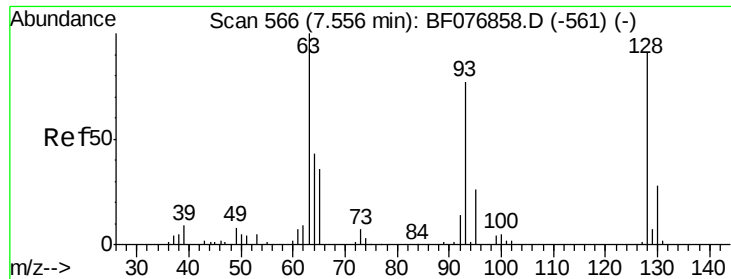
Acq: 21 Jan 2015 7:05

Tgt Ion:	94	Resp:	96973
Ion	Ratio	Lower	Upper
94	100		
65	31.6	11.3	51.3
66	41.0	19.5	59.5



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





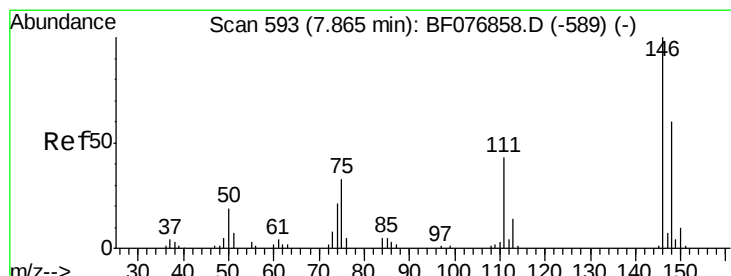
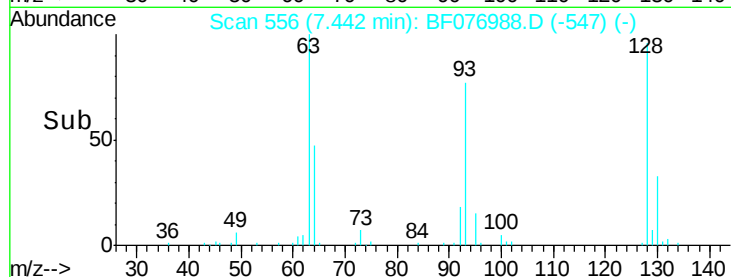
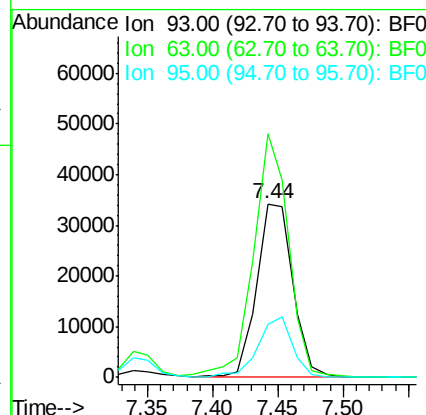
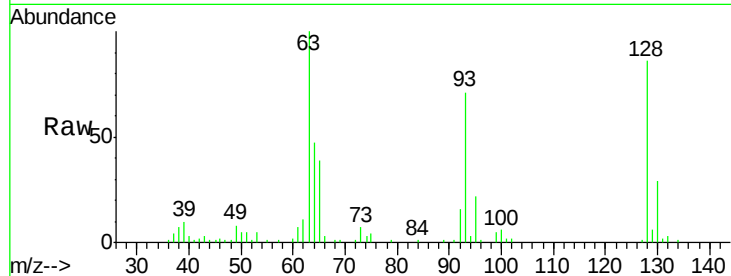
#11
bis(2-Chloroethyl)ether
Concen: 37.04 ng
RT: 7.44 min Scan# 556
Delta R.T. 0.00 min
Lab File: BF076988.D
Acq: 21 Jan 2015 7:05

Instrument :
BNA_F
ClientSampleId :
RBDC1-011615MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	140.4	111.3	151.3
95	30.9	13.8	53.8

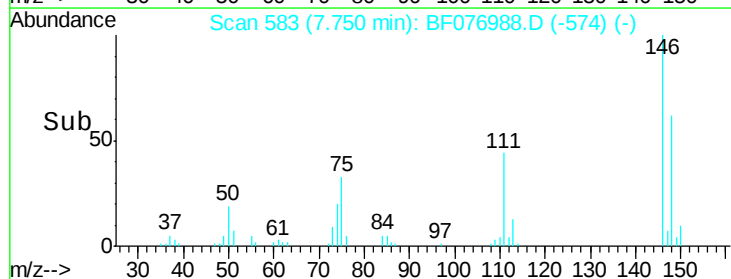
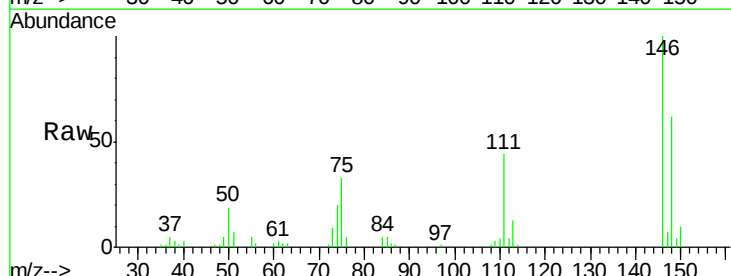
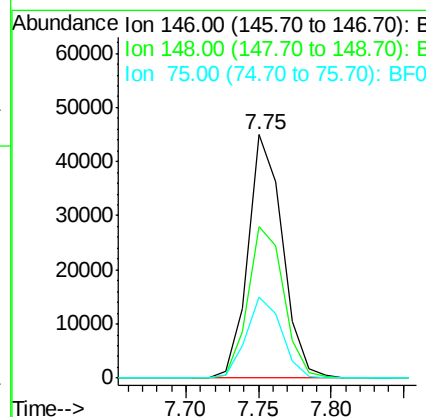
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#12
1,3-Dichlorobenzene
Concen: 32.94 ng
RT: 7.75 min Scan# 583
Delta R.T. 0.00 min
Lab File: BF076988.D
Acq: 21 Jan 2015 7:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.1	48.1	72.1
75	33.2	26.8	40.2





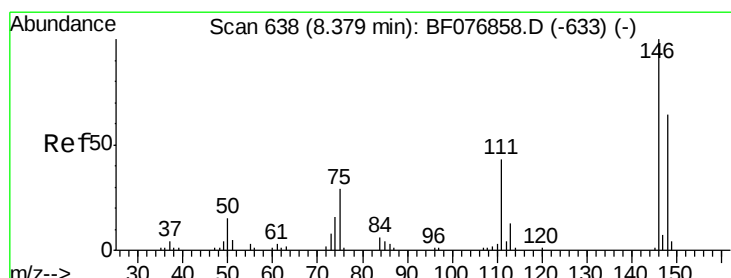
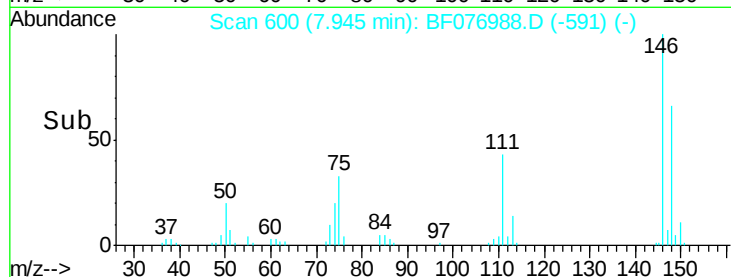
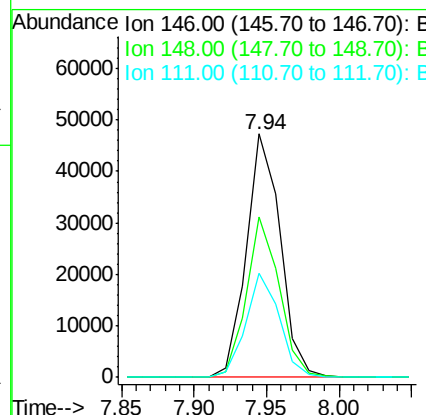
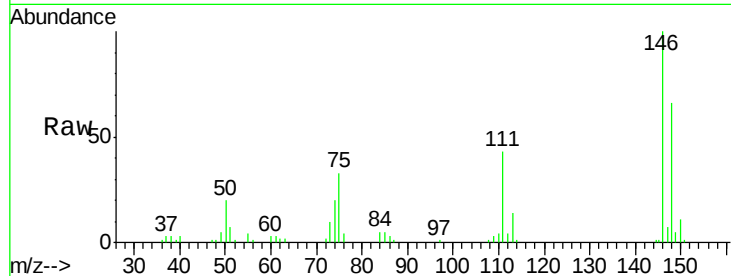
#13
 1,4-Dichlorobenzene
 Concen: 32.24 ng
 RT: 7.94 min Scan# 600
 Delta R.T. 0.00 min
 Lab File: BF076988.D
 Acq: 21 Jan 2015 7:05

Instrument :
 BNA_F
 ClientSampleId :
 RBDC1-011615MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.9	51.5	77.3
111	42.9	33.9	50.9

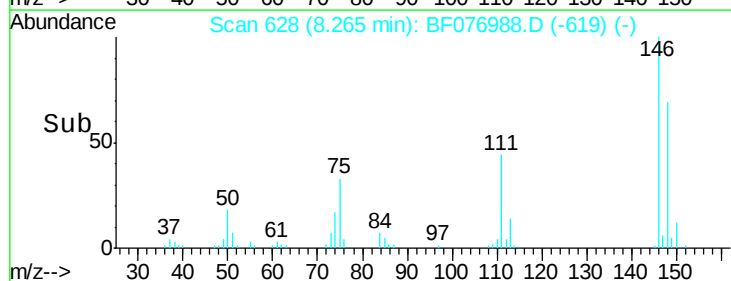
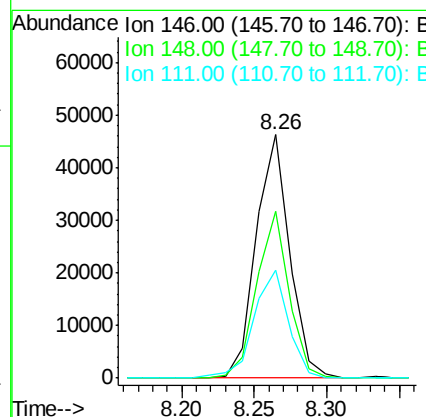
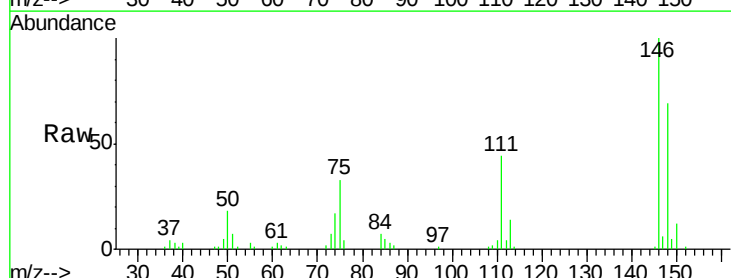
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#14
 1,2-Dichlorobenzene
 Concen: 33.71 ng
 RT: 8.26 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF076988.D
 Acq: 21 Jan 2015 7:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	68.7	51.3	76.9
111	44.2	34.5	51.7





#15

Benzyl Alcohol

Concen: 35.64 ng

RT: 8.34 min Scan# 635

Delta R.T. 0.00 min

Lab File: BF076988.D

Acq: 21 Jan 2015 7:05

Instrument :

BNA_F

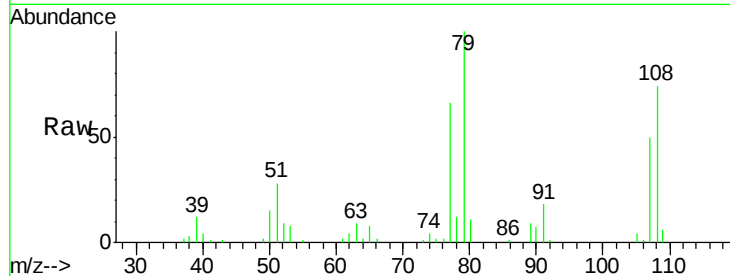
ClientSampleId :

RBDC1-011615MSD

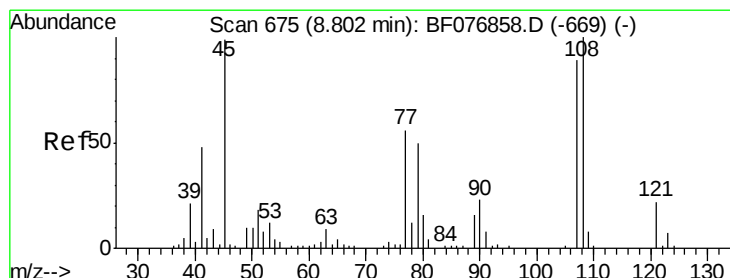
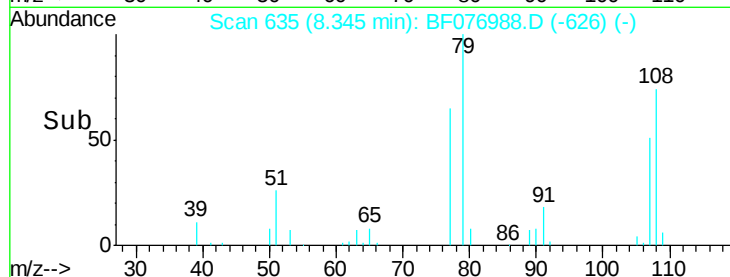
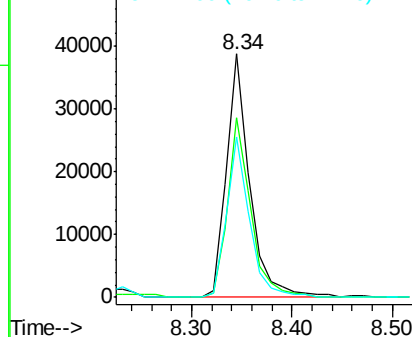
Tot Ion:	79	Resp:	62332
Ion Ratio	Lower	Upper	
79	100		
108	73.9	57.2	85.8
77	65.7	51.2	76.8

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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.01 ng

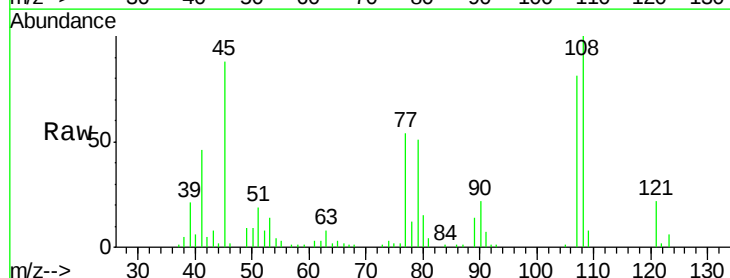
RT: 8.70 min Scan# 666

Delta R.T. 0.00 min

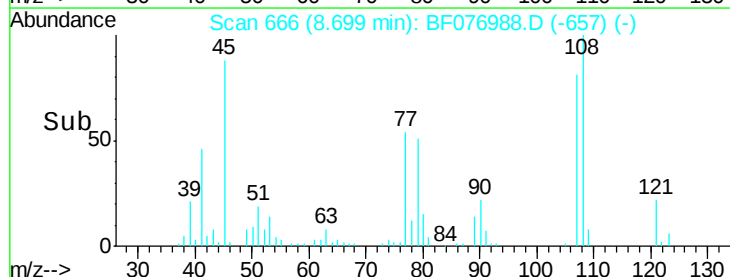
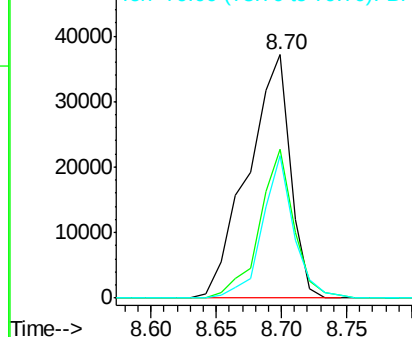
Lab File: BF076988.D

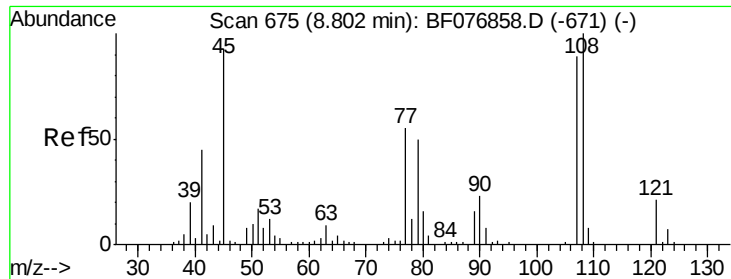
Acq: 21 Jan 2015 7:05

Tgt Ion:	45	Resp:	84511
Ion Ratio	Lower	Upper	
45	100		
77	61.2	36.1	76.1
79	58.4	30.5	70.5



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0





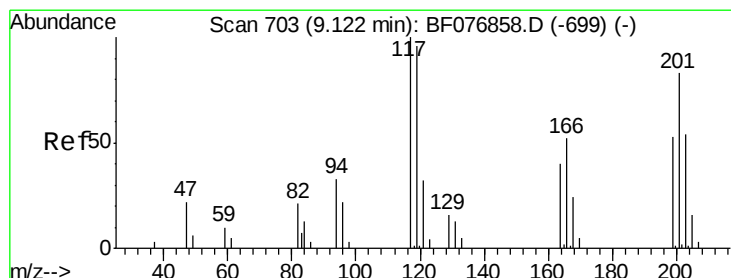
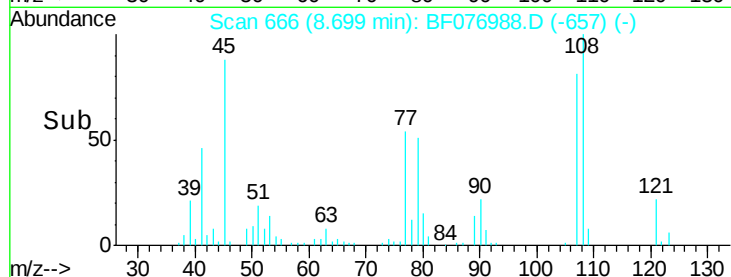
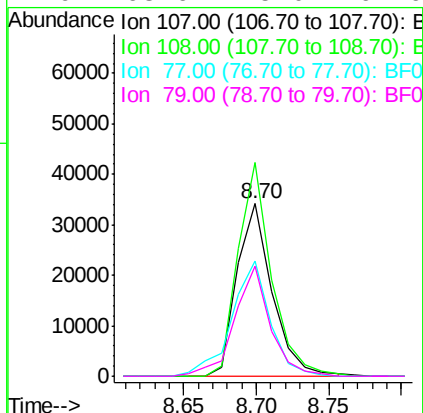
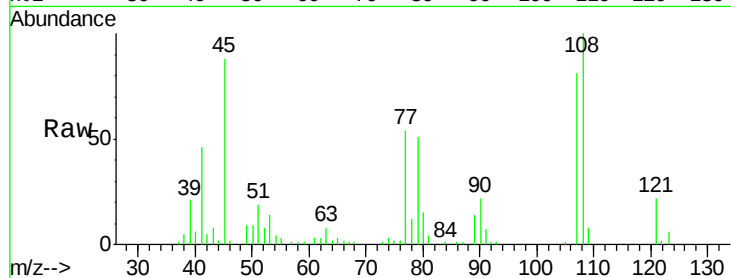
#17
2-Methylphenol
Concen: 35.68 ng
RT: 8.70 min Scan# 666
Delta R.T. 0.00 min
Lab File: BF076988.D
Acq: 21 Jan 2015 7:05

Instrument :
BNA_F
ClientSampleId :
RBDC1-011615MSD

Tot Ion	107	Resp	57593
Ion	Ratio	Lower	Upper
107	100		
108	123.8	89.7	134.5
77	66.5	50.1	75.1
79	63.6	45.0	67.6

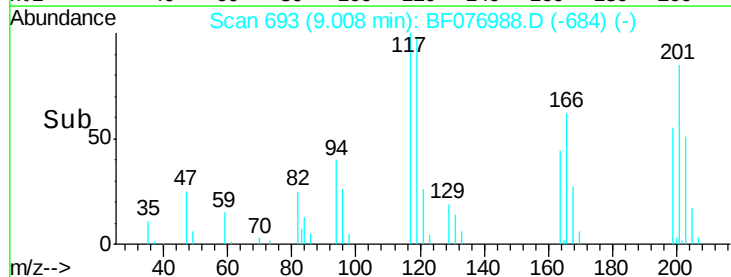
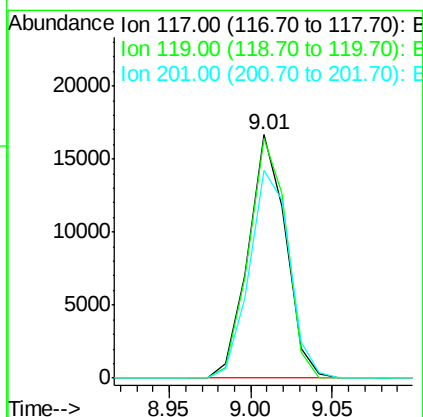
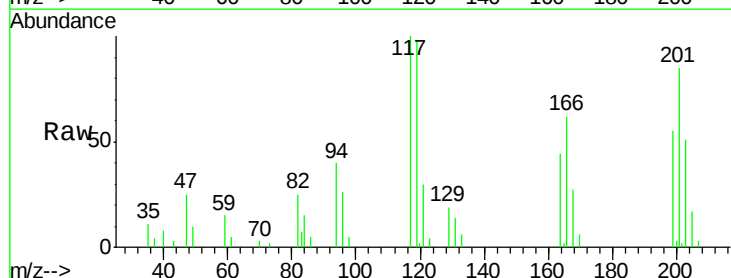
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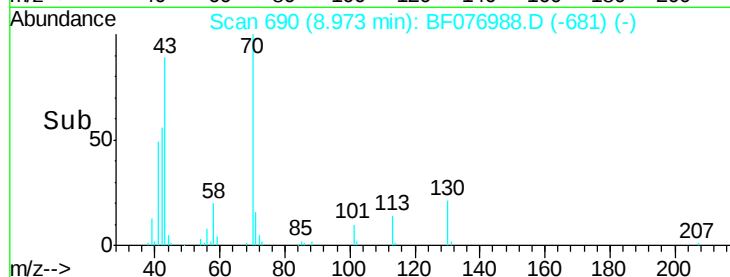
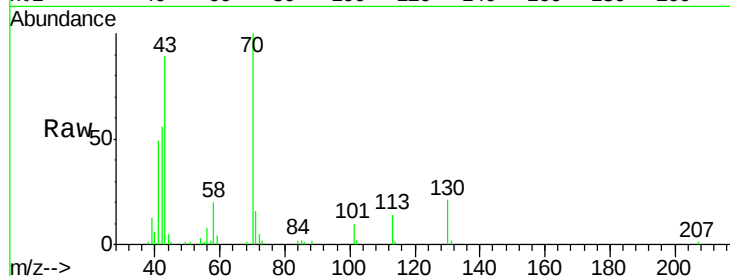
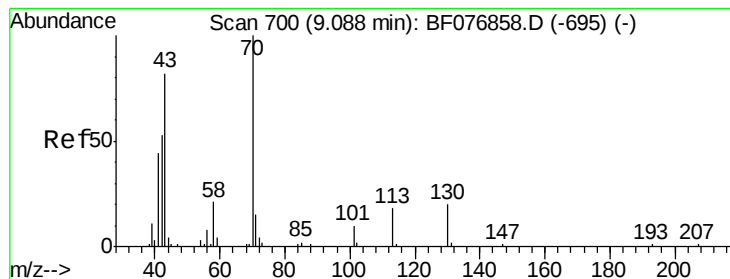
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#18
Hexachloroethane
Concen: 32.14 ng
RT: 9.01 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF076988.D
Acq: 21 Jan 2015 7:05

Tgt Ion	117	Resp	26639
Ion	Ratio	Lower	Upper
117	100		
119	98.3	77.1	115.7
201	85.1	66.8	100.2





#19

n-Nitroso-di-n-propylamine

Concen: 35.37 ng

RT: 8.97 min Scan# 690

Delta R.T. 0.00 min

Lab File: BF076988.D

Acq: 21 Jan 2015 7:05

Instrument :

BNA_F

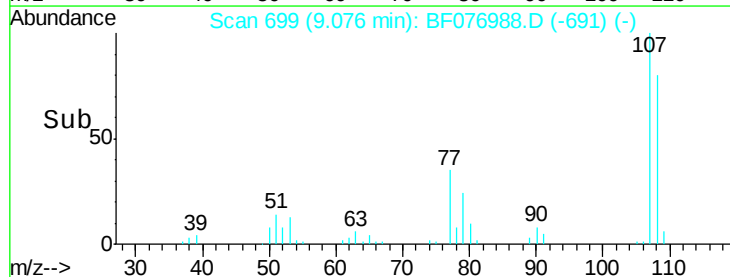
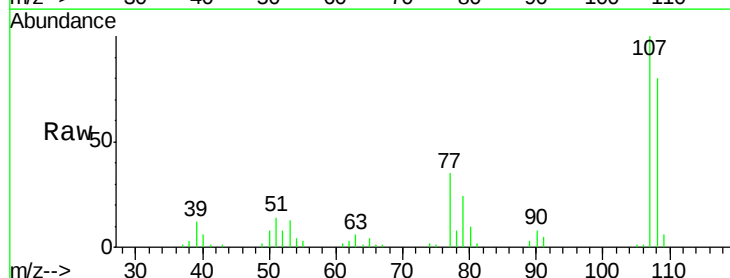
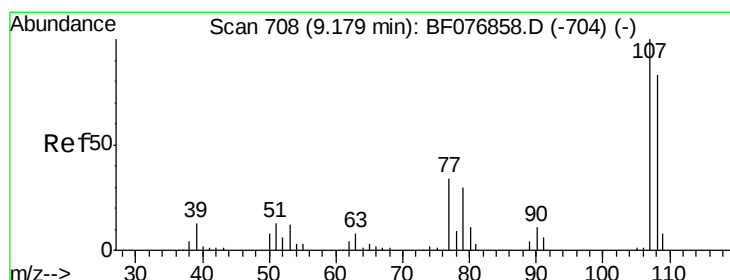
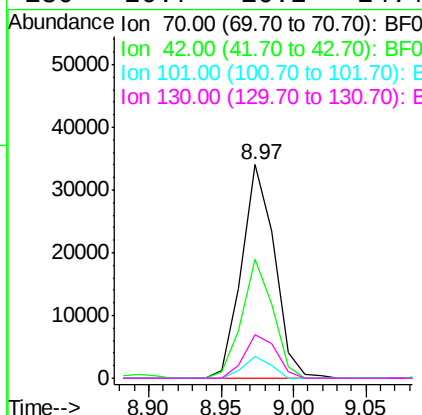
ClientSampleId :

RBDC1-011615MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	55.7	42.1	63.1	
101	10.0	7.8	11.8	
130	20.7	16.2	24.4	

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#20

3+4-Methylphenols

Concen: 35.10 ng

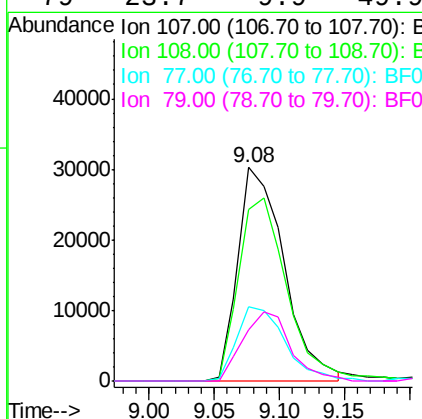
RT: 9.08 min Scan# 699

Delta R.T. -0.01 min

Lab File: BF076988.D

Acq: 21 Jan 2015 7:05

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	80.3	63.5	103.5	
77	34.7	14.0	54.0	
79	23.7	9.9	49.9	





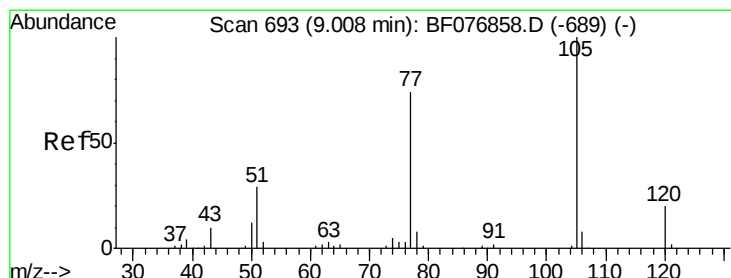
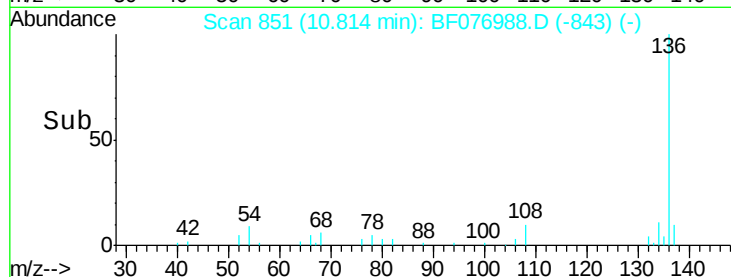
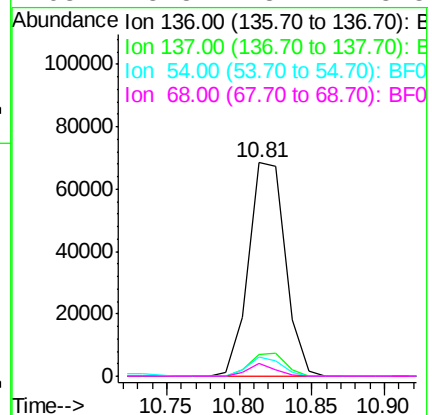
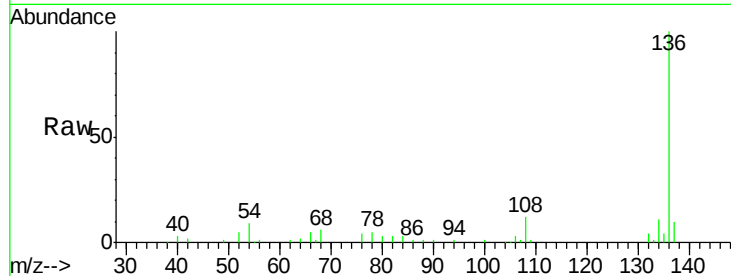
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.81 min Scan# 851
Delta R.T. -0.01 min
Lab File: BF076988.D
Acq: 21 Jan 2015 7:05

Instrument :
BNA_F
ClientSampleId :
RBDC1-011615MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	120488		
137	10.5	8.1	12.1	
54	8.9	7.0	10.4	
68	5.8	3.7	5.5#	

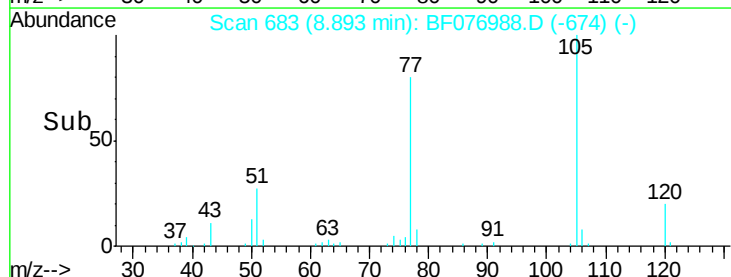
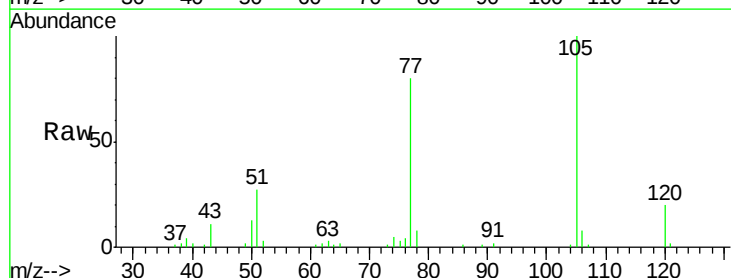
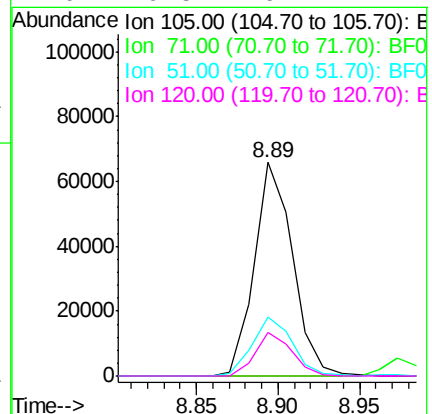
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#22
Acetophenone
Concen: 36.45 ng
RT: 8.89 min Scan# 683
Delta R.T. 0.00 min
Lab File: BF076988.D
Acq: 21 Jan 2015 7:05

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	107576		
71	0.0	0.0	0.0	
51	27.3	23.3	34.9	
120	20.5	16.1	24.1	





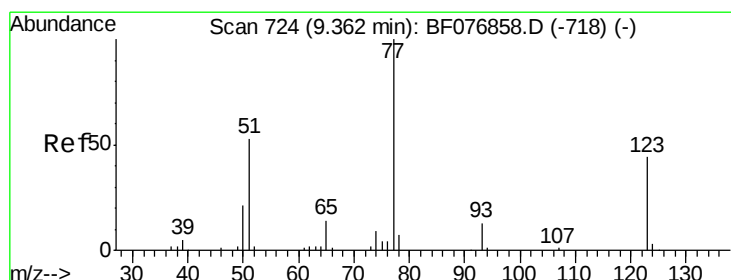
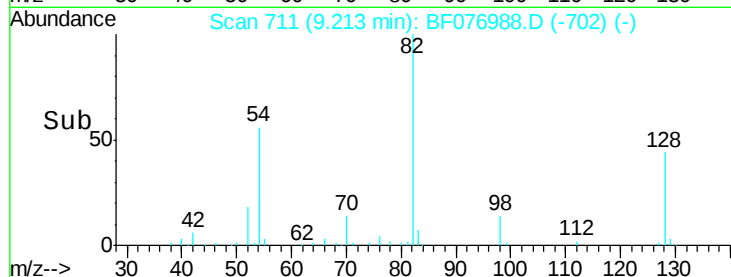
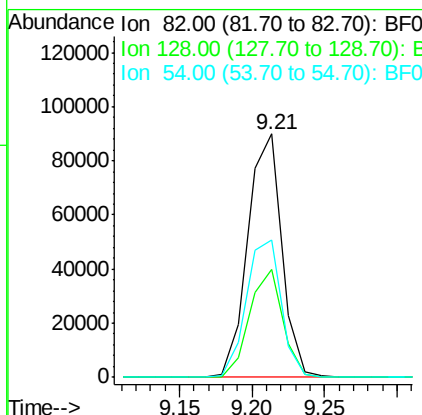
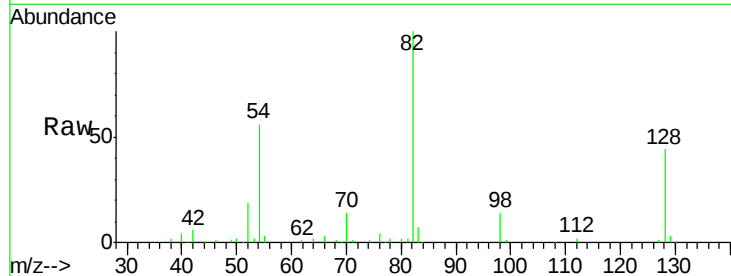
#23
Nitrobenzene-d5
Concen: 67.09 ng
RT: 9.21 min Scan# 711
Delta R.T. 0.00 min
Lab File: BF076988.D
Acq: 21 Jan 2015 7:05

Instrument :
BNA_F
ClientSampleId :
RBDC1-011615MSD

Tot Ion	Ratio	Resp Lower	Upper
82	100		
128	44.3	33.1	49.7
54	56.5	48.3	72.5

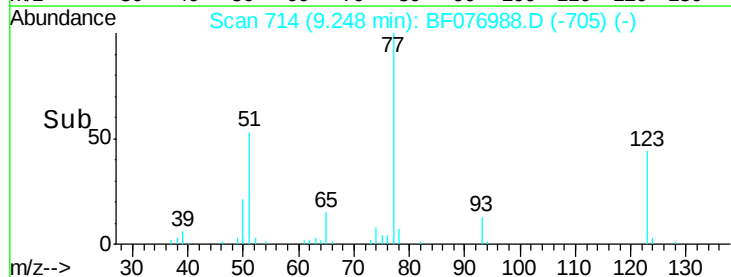
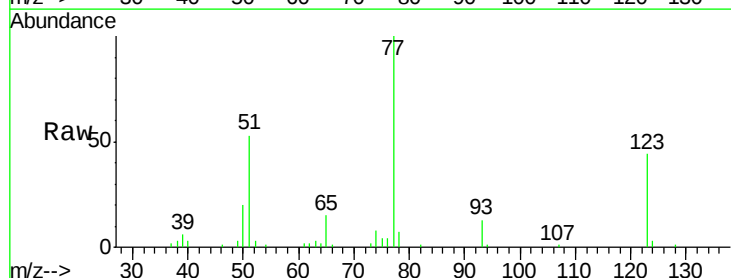
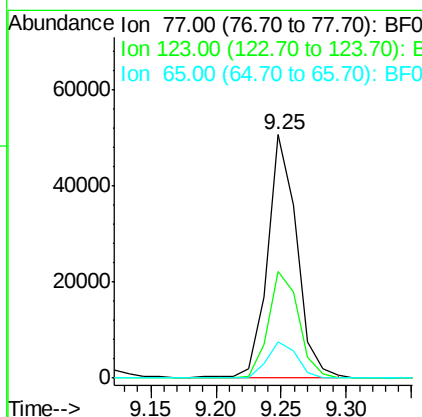
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#24
Nitrobenzene
Concen: 36.16 ng
RT: 9.25 min Scan# 714
Delta R.T. 0.00 min
Lab File: BF076988.D
Acq: 21 Jan 2015 7:05

Tgt Ion	Ratio	Resp Lower	Upper
77	100		
123	43.8	35.2	52.8
65	15.0	11.4	17.2





#25

Isophorone

Concen: 35.94 ng

RT: 9.85 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF076988.D

Acq: 21 Jan 2015 7:05

Instrument :

BNA_F

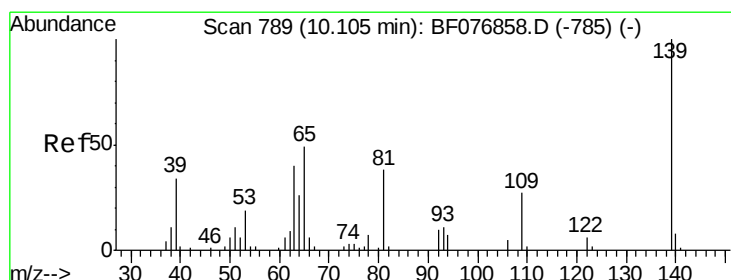
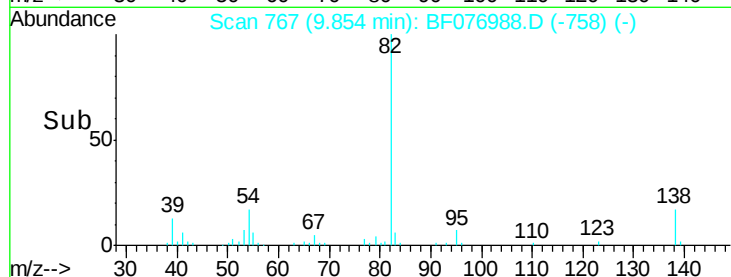
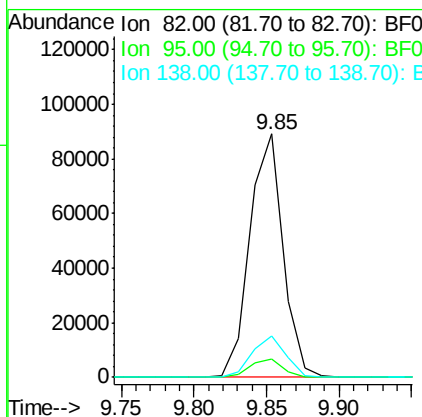
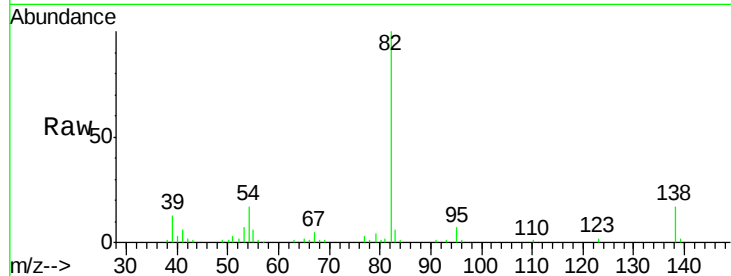
ClientSampleId :

RBDC1-011615MSD

Tot Ion:	82	Resp:	142368
Ion Ratio		Lower	Upper
82	100		
95	7.4	6.6	10.0
138	17.0	12.6	18.8

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#26

2-Nitrophenol

Concen: 34.54 ng

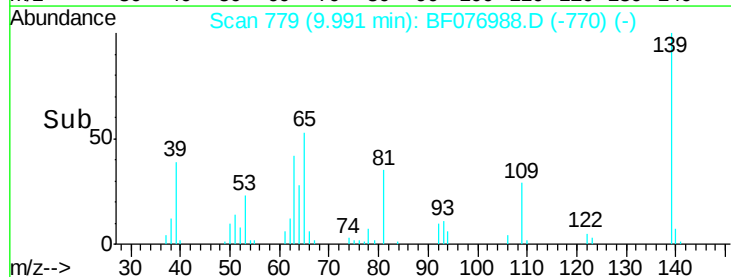
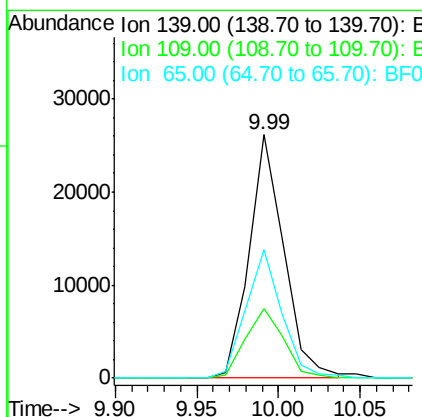
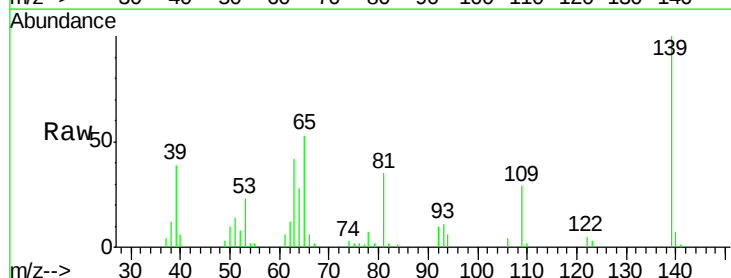
RT: 9.99 min Scan# 779

Delta R.T. 0.00 min

Lab File: BF076988.D

Acq: 21 Jan 2015 7:05

Tgt Ion:	139	Resp:	38607
Ion Ratio		Lower	Upper
139	100		
109	28.7	21.3	31.9
65	52.9	39.4	59.0





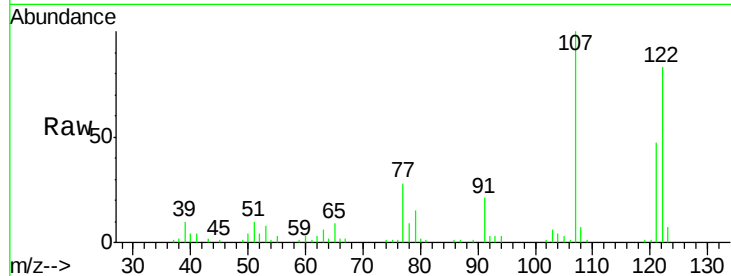
#27
 2,4-Dimethylphenol
 Concen: 37.92 ng
 RT: 10.28 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: BF076988.D
 Acq: 21 Jan 2015 7:05

Instrument :
 BNA_F
 ClientSampleId :
 RBDC1-011615MSD

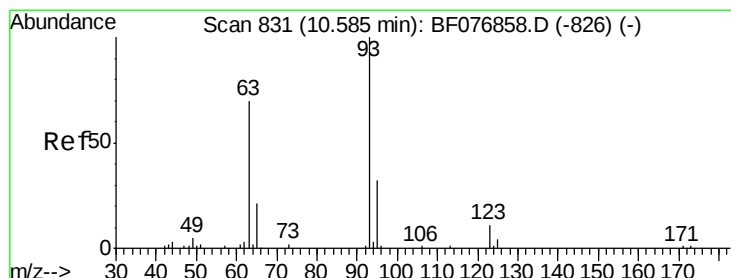
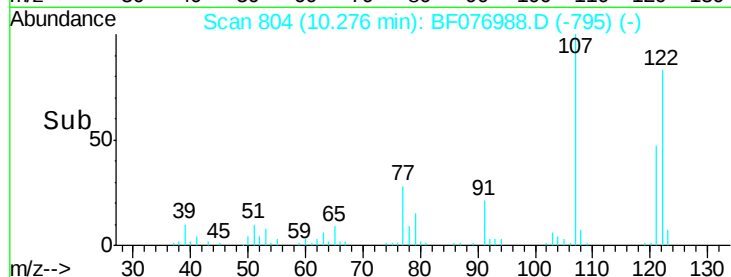
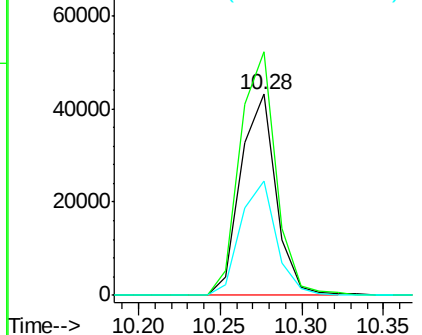
Tot Ion	Ratio	Lower	Upper
122	100		
107	121.0	95.2	142.8
121	56.7	42.9	64.3

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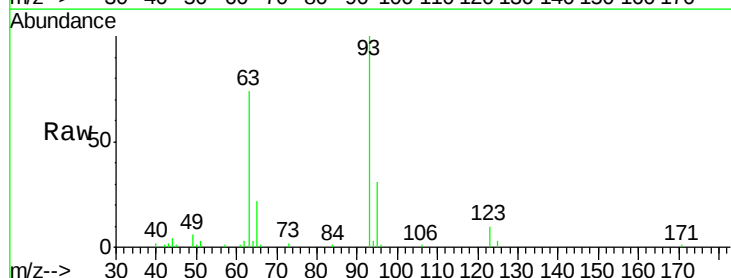


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

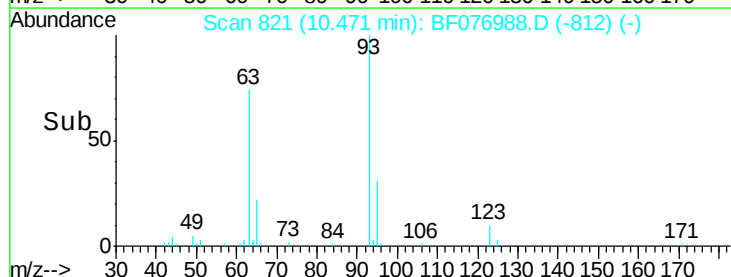
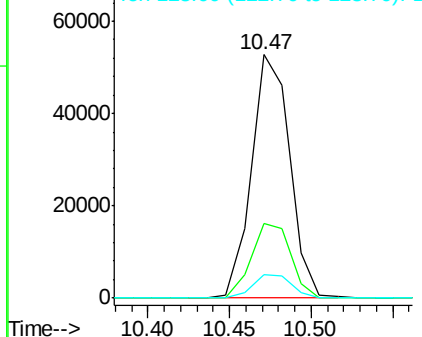


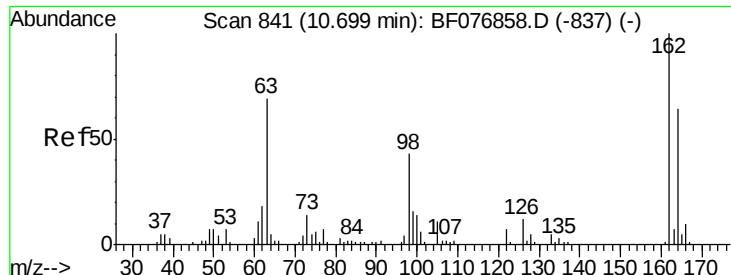
#28
 bis(2-Chloroethoxy)methane
 Concen: 38.19 ng
 RT: 10.47 min Scan# 821
 Delta R.T. 0.00 min
 Lab File: BF076988.D
 Acq: 21 Jan 2015 7:05

Tgt Ion	Ratio	Lower	Upper
93	100		
95	30.9	25.6	38.4
123	9.6	8.9	13.3



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E





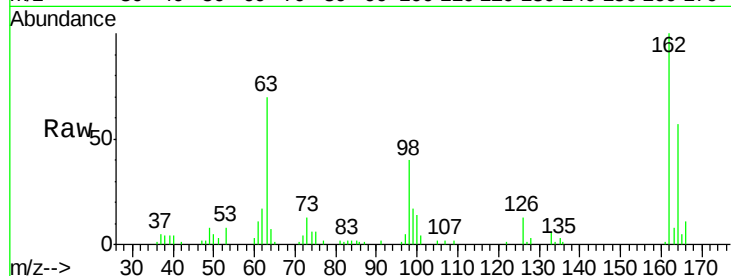
#29
2,4-Dichlorophenol
Concen: 36.58 ng
RT: 10.60 min Scan# 832
Delta R.T. 0.00 min
Lab File: BF076988.D
Acq: 21 Jan 2015 7:05

Instrument :
BNA_F
ClientSampleId :
RBDC1-011615MSD

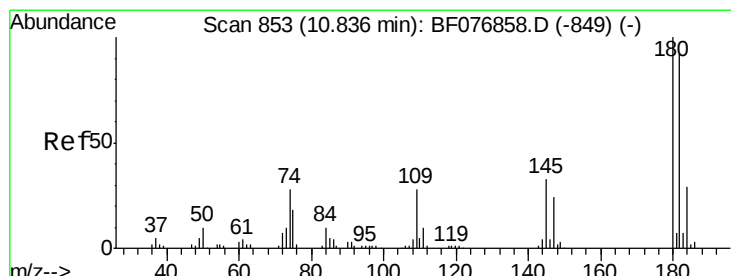
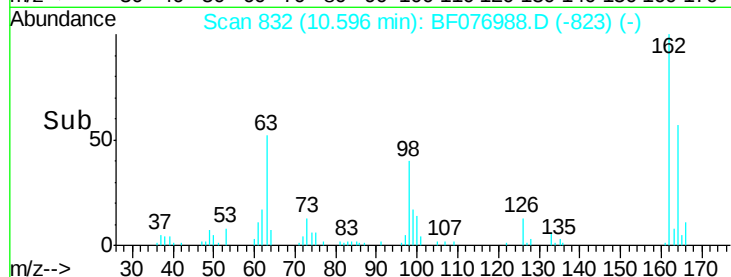
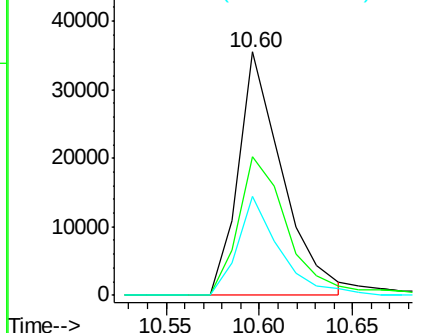
Tot Ion	Ratio	Lower	Upper
162	100		
164	56.8	43.8	83.8
98	40.4	22.5	62.5

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1/21/2015 5:30:29 PM



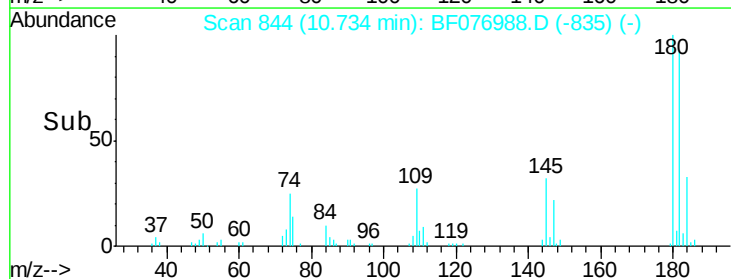
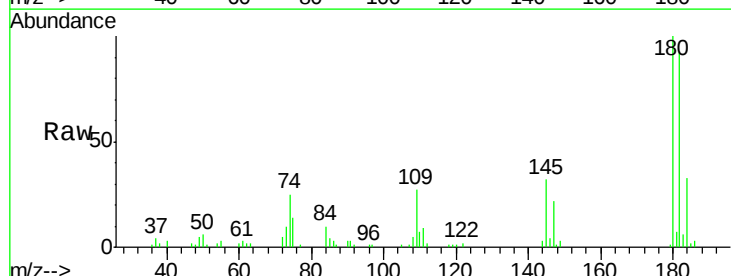
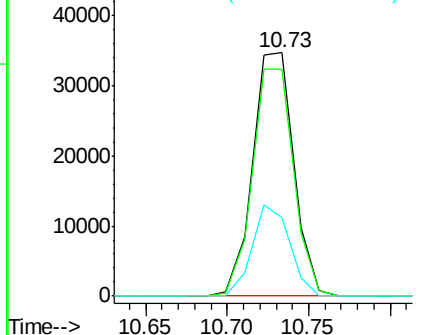
Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0



#30
1,2,4-Trichlorobenzene
Concen: 34.39 ng
RT: 10.73 min Scan# 844
Delta R.T. 0.00 min
Lab File: BF076988.D
Acq: 21 Jan 2015 7:05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.3	73.6	110.4
145	32.1	26.6	39.8

Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





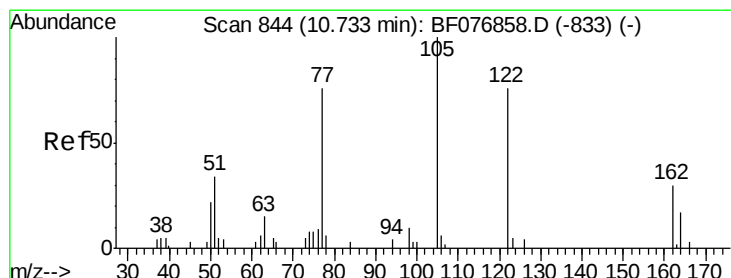
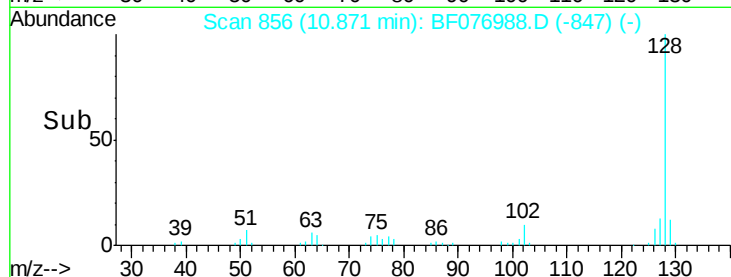
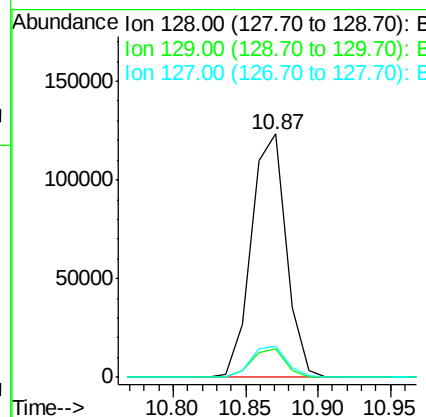
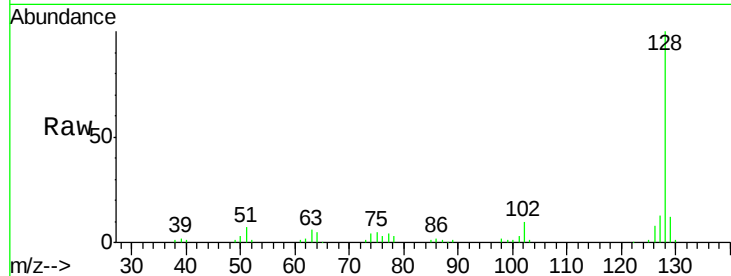
#31
Naphthalene
Concen: 33.25 ng
RT: 10.87 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF076988.D
Acq: 21 Jan 2015 7:05

Instrument :
BNA_F
ClientSampleId :
RBDC1-011615MSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100	206232		
129	11.7	9.0	13.6	
127	12.9	10.2	15.2	

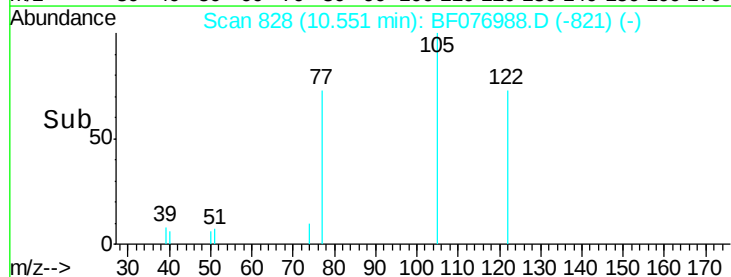
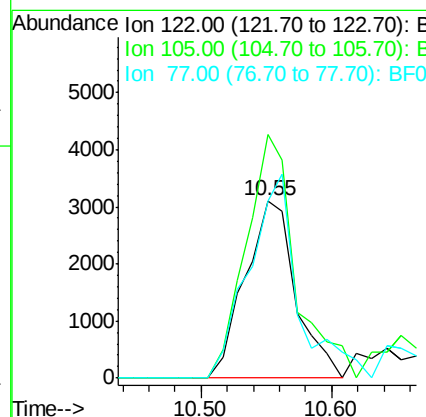
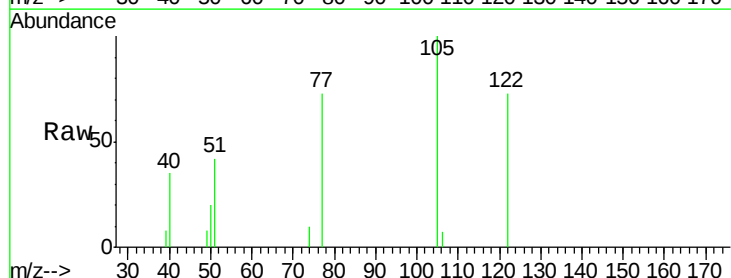
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#32
Benzoic acid
Concen: 8.83 ng
RT: 10.55 min Scan# 828
Delta R.T. -0.02 min
Lab File: BF076988.D
Acq: 21 Jan 2015 7:05

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	8380		
105	137.4	111.3	151.3	
77	100.1	79.2	119.2	





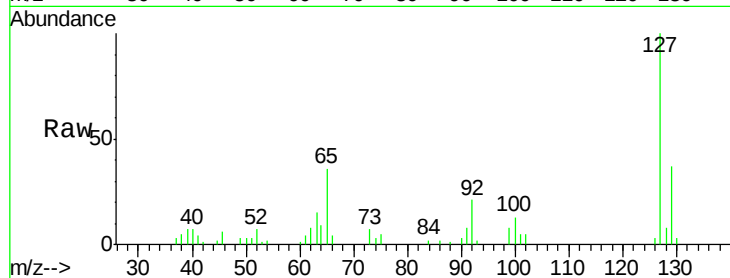
#33
4-Chloroaniline
Concen: 18.31 ng
RT: 11.11 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF076988.D
Acq: 21 Jan 2015 7:05

Instrument :
BNA_F
ClientSampleId :
RBDC1-011615MSD

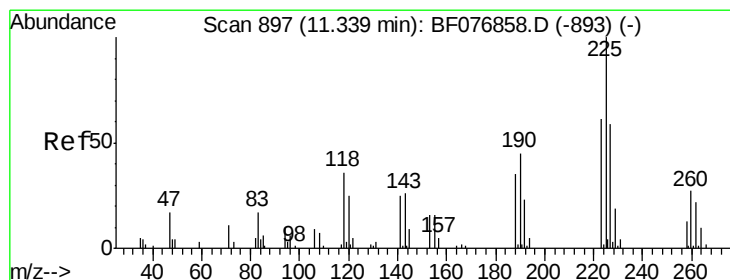
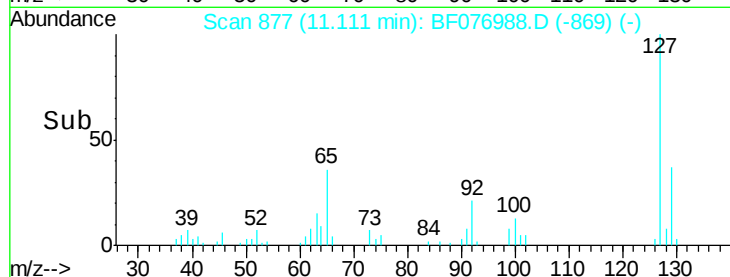
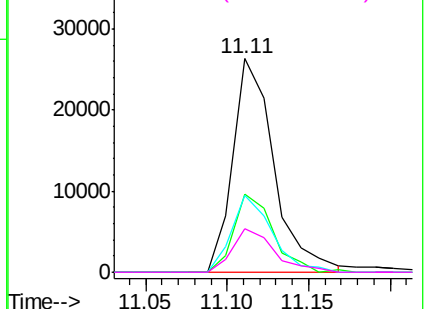
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	36.7	25.3	37.9		
65	35.8	27.8	41.6		
92	20.5	16.5	24.7		

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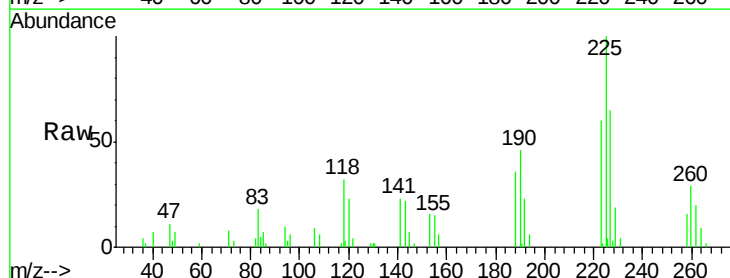


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

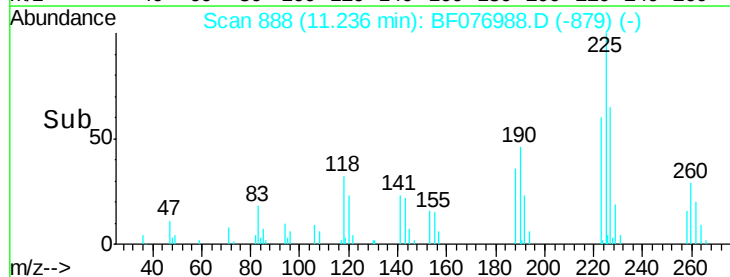
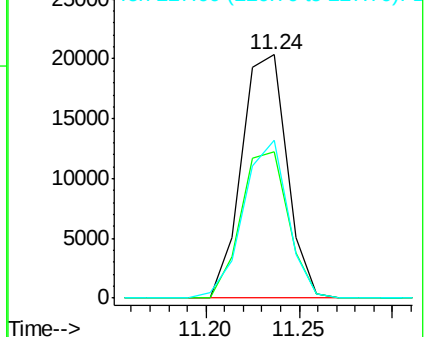


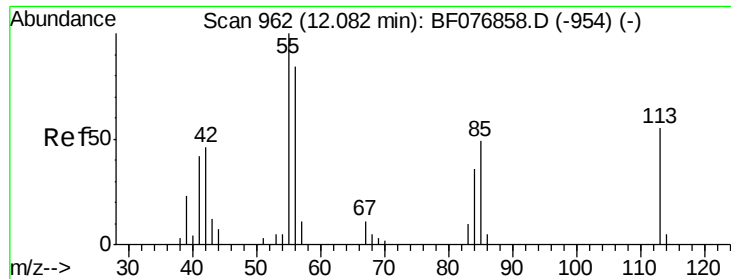
#34
Hexachlorobutadiene
Concen: 32.76 ng
RT: 11.24 min Scan# 888
Delta R.T. 0.00 min
Lab File: BF076988.D
Acq: 21 Jan 2015 7:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	60.2	49.1	73.7		
227	64.7	47.5	71.3		



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





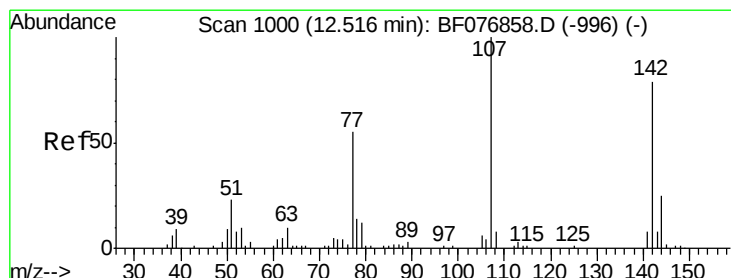
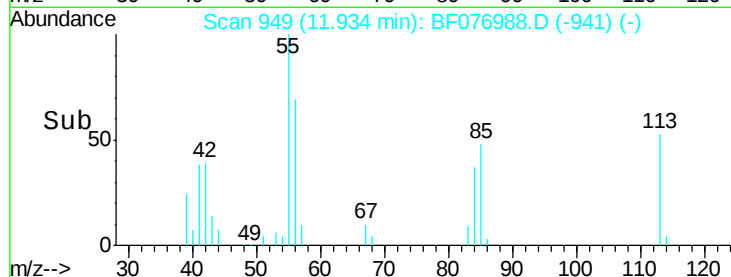
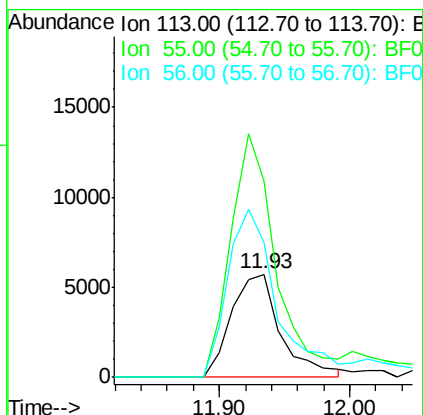
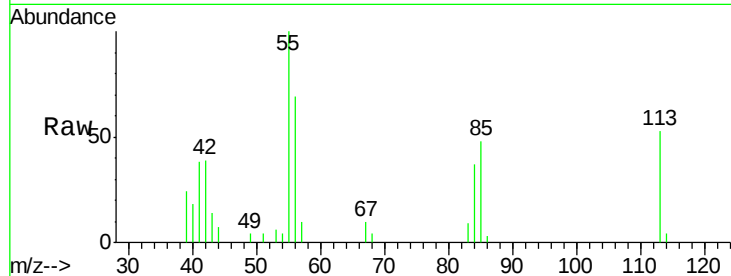
#35
Caprolactam
Concen: 32.23 ng
RT: 11.93 min Scan# 949
Delta R.T. -0.01 min
Lab File: BF076988.D
Acq: 21 Jan 2015 7:05

Instrument :
BNA_F
ClientSampleId :
RBDC1-011615MSD

Tot Ion:113 Resp: 15153
Ion Ratio Lower Upper
113 100
55 190.0 162.1 202.1
56 131.4 133.7 173.7#

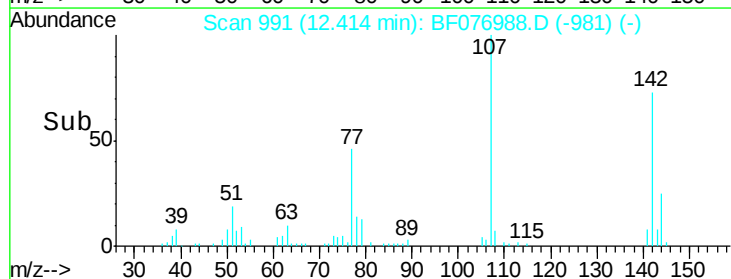
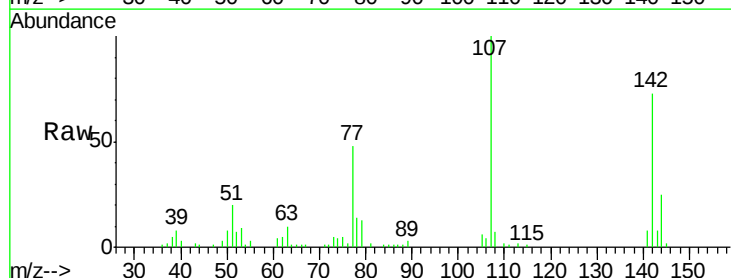
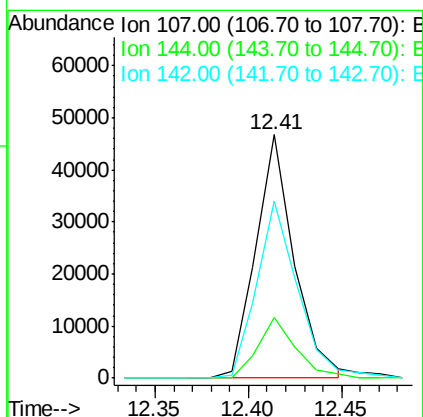
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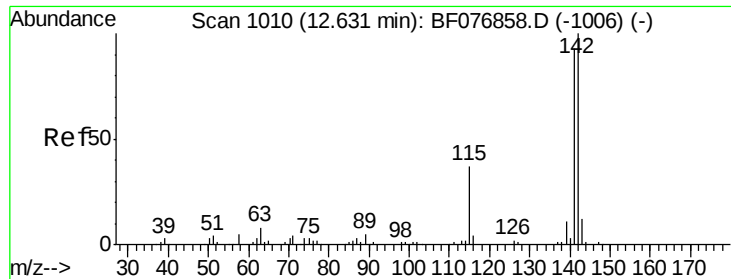
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#36
4-Chloro-3-methylphenol
Concen: 36.85 ng
RT: 12.41 min Scan# 991
Delta R.T. 0.01 min
Lab File: BF076988.D
Acq: 21 Jan 2015 7:05

Tgt Ion:107 Resp: 67372
Ion Ratio Lower Upper
107 100
144 24.8 20.0 30.0
142 72.5 63.5 95.3





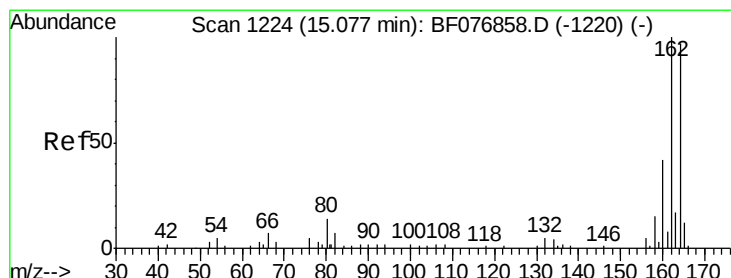
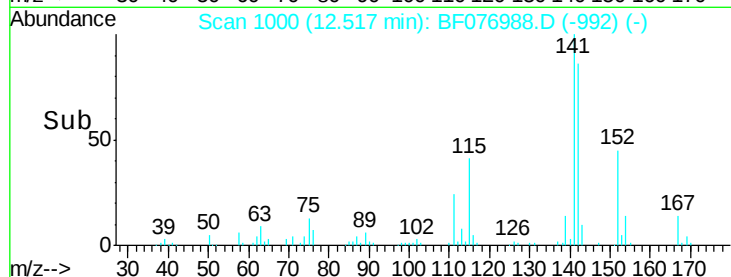
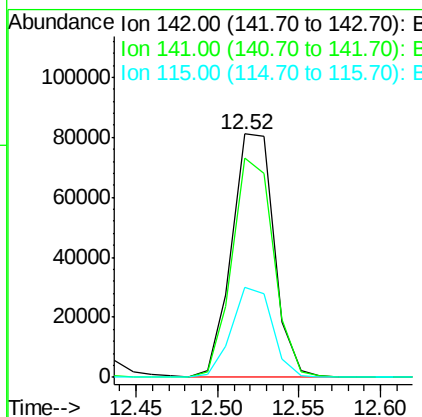
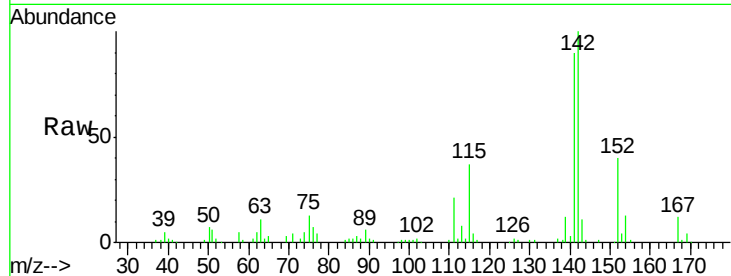
#37
2-Methylnaphthalene
Concen: 34.27 ng
RT: 12.52 min Scan# 1000
Delta R.T. -0.01 min
Lab File: BF076988.D
Acq: 21 Jan 2015 7:05

Instrument :
BNA_F
ClientSampleId :
RBDC1-011615MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.3	74.5	111.7
115	36.8	29.7	44.5

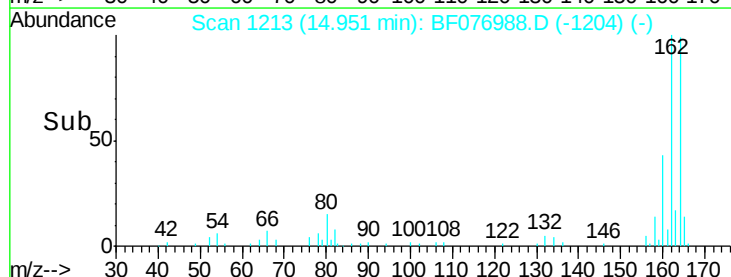
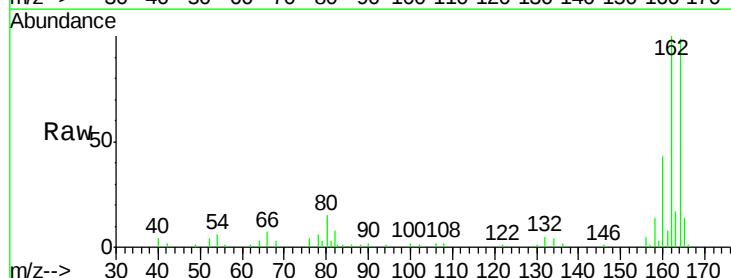
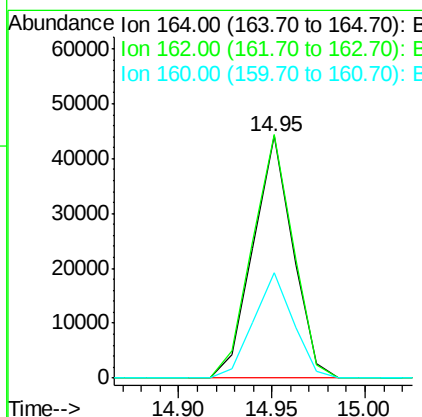
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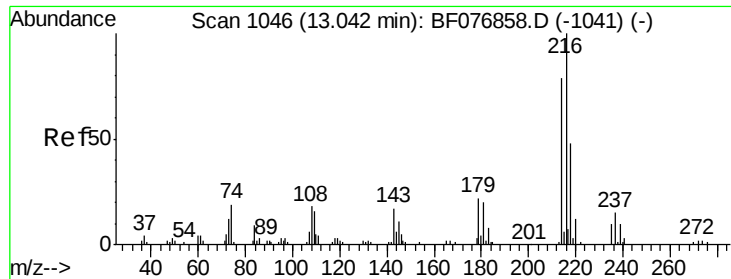
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.95 min Scan# 1213
Delta R.T. 0.00 min
Lab File: BF076988.D
Acq: 21 Jan 2015 7:05

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.7	82.4	123.6
160	43.7	34.8	52.2





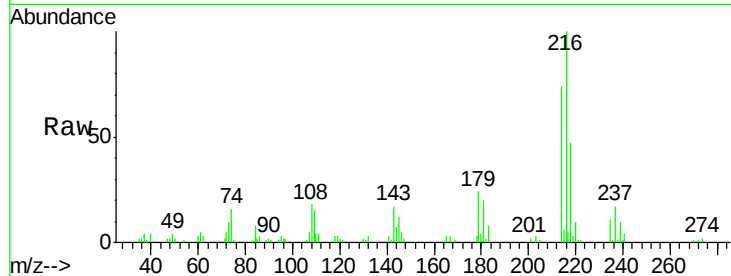
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 34.75 ng
 RT: 12.93 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: BF076988.D
 Acq: 21 Jan 2015 7:05

Instrument :
 BNA_F
 ClientSampleId :
 RBDC1-011615MSD

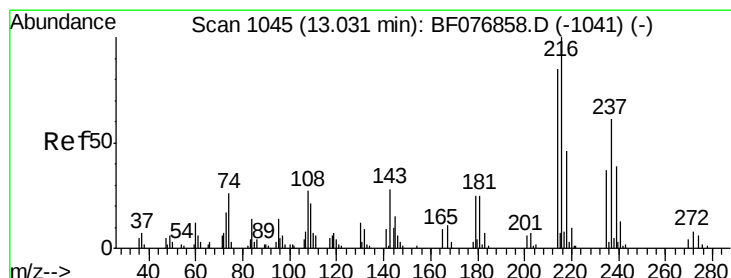
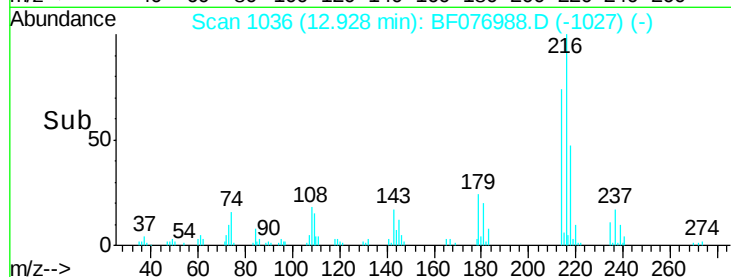
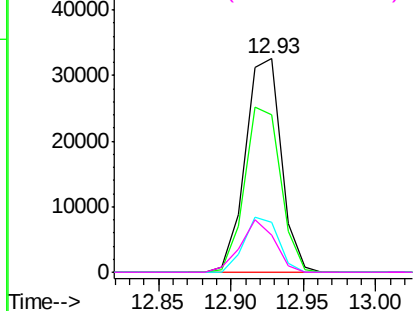
Tot Ion	Ratio	Lower	Upper
216	100		
214	77.6	64.9	97.3
179	24.8	18.6	28.0
108	23.6	18.1	27.1

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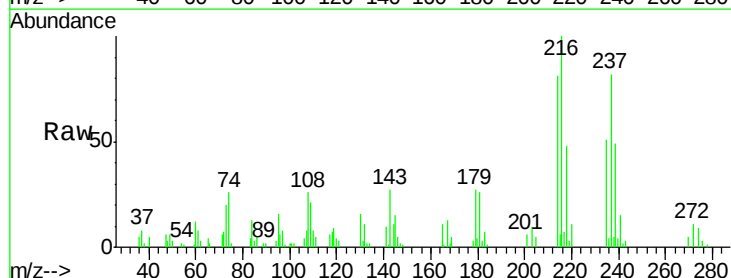


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

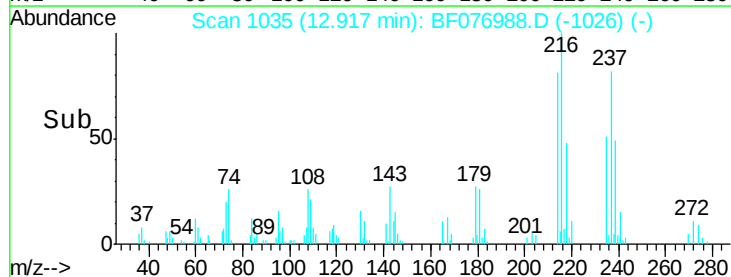
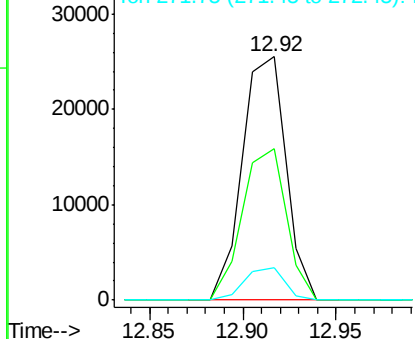


#40
 Hexachlorocyclopentadiene
 Concen: 49.69 ng
 RT: 12.92 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF076988.D
 Acq: 21 Jan 2015 7:05

Tgt Ion	Ratio	Lower	Upper
237	100		
235	62.0	40.4	80.4
272	13.3	0.0	33.2



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





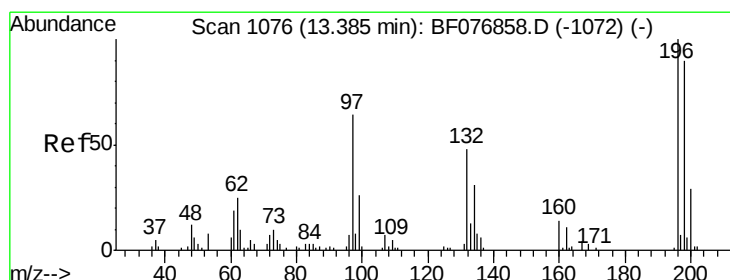
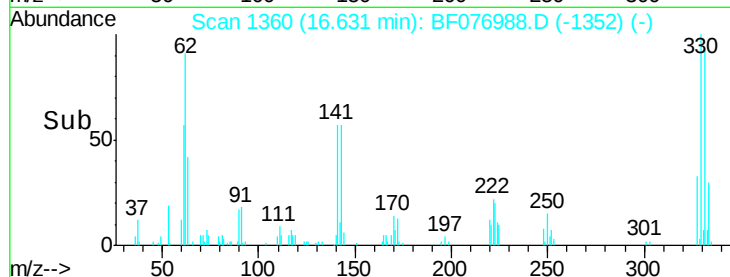
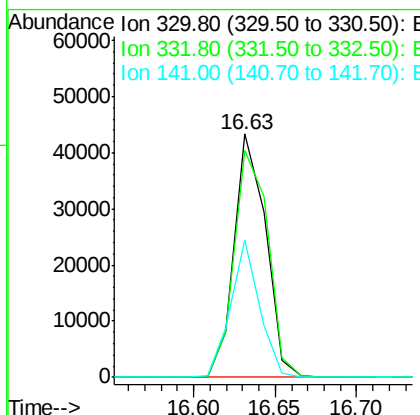
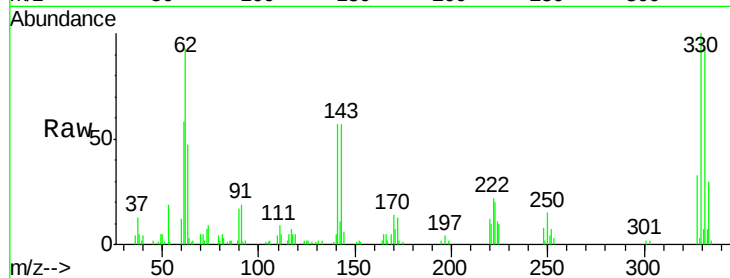
#41
 2,4,6-Tribromophenol
 Concen: 109.43 ng
 RT: 16.63 min Scan# 1360
 Delta R.T. -0.01 min
 Lab File: BF076988.D
 Acq: 21 Jan 2015 7:05

Instrument :
 BNA_F
 ClientSampleId :
 RBDC1-011615MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	100.3	77.8	116.6	
141	51.5	38.5	57.7	

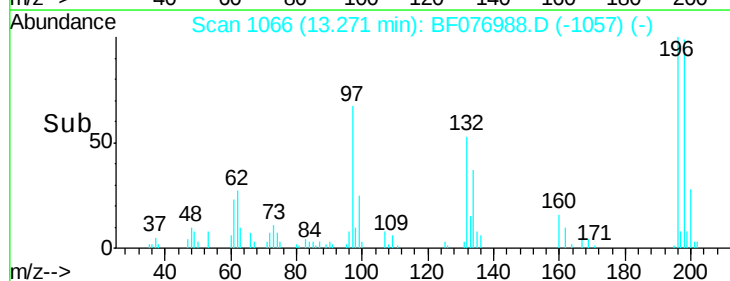
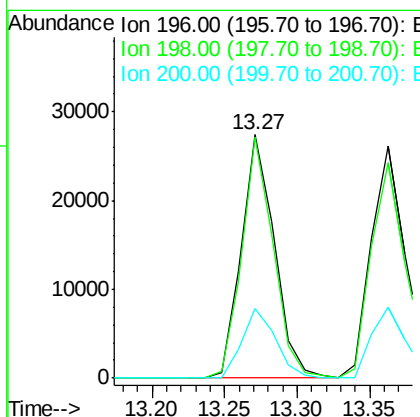
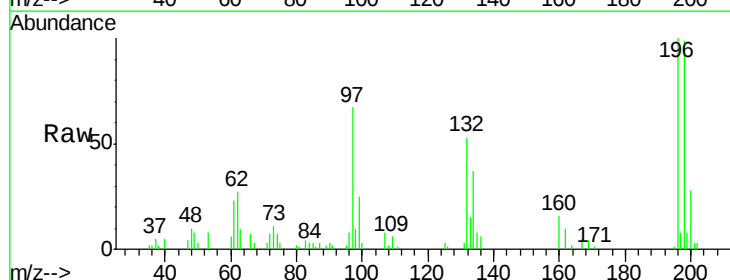
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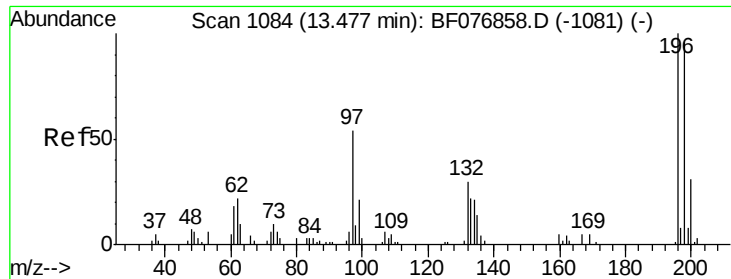
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#42
 2,4,6-Trichlorophenol
 Concen: 36.93 ng
 RT: 13.27 min Scan# 1066
 Delta R.T. 0.00 min
 Lab File: BF076988.D
 Acq: 21 Jan 2015 7:05

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	98.8	72.0	108.0	
200	28.3	23.4	35.2	





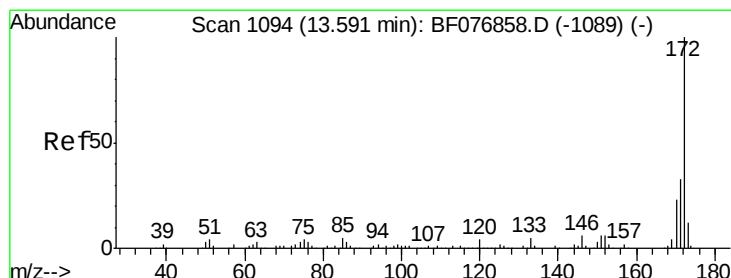
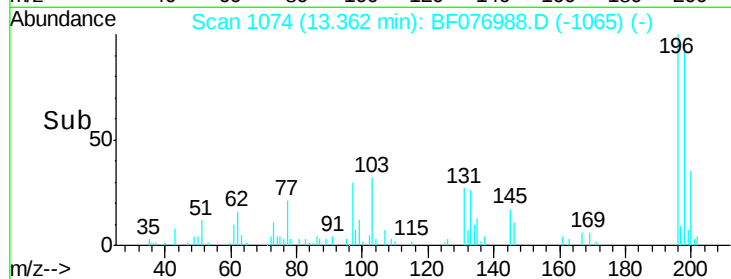
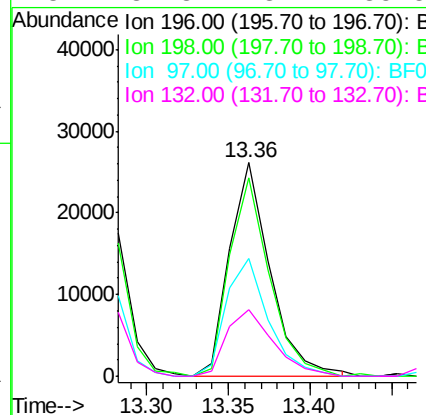
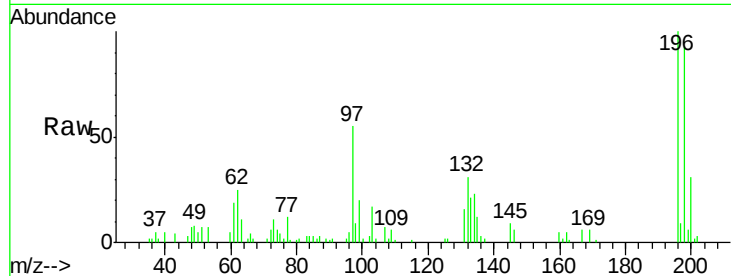
#43
2,4,5-Trichlorophenol
Concen: 37.64 ng
RT: 13.36 min Scan# 1074
Delta R.T. 0.00 min
Lab File: BF076988.D
Acq: 21 Jan 2015 7:05

Instrument :
BNA_F
ClientSampleId :
RBDC1-011615MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		45085		
198	93.0		76.6	115.0	
97	54.9		43.4	65.0	
132	31.3		23.7	35.5	

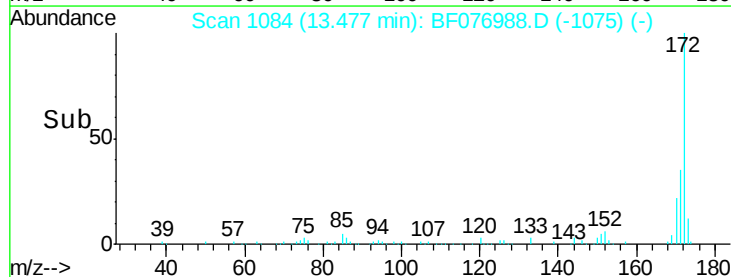
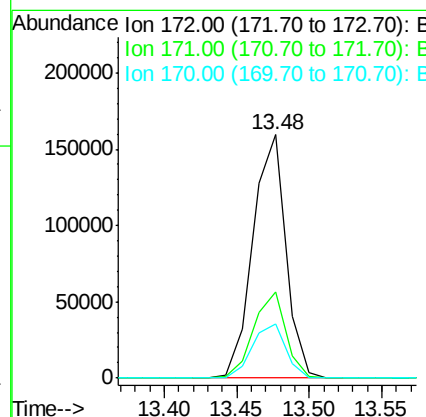
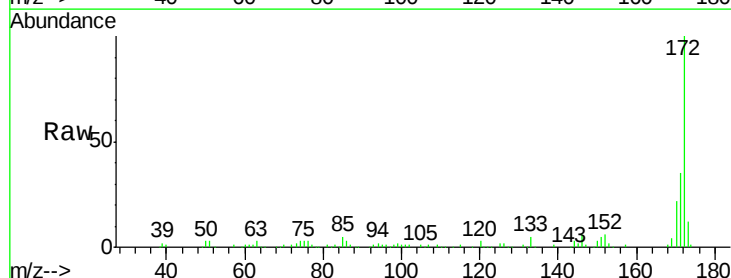
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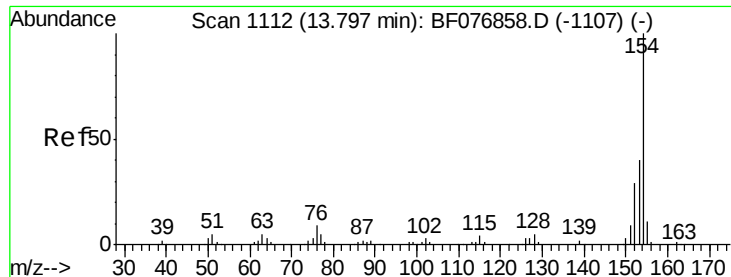
tejaskumar
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#44
2-Fluorobiphenyl
Concen: 58.78 ng
RT: 13.48 min Scan# 1084
Delta R.T. 0.00 min
Lab File: BF076988.D
Acq: 21 Jan 2015 7:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		251799		
171	35.2		26.6	40.0	
170	22.5		18.0	27.0	





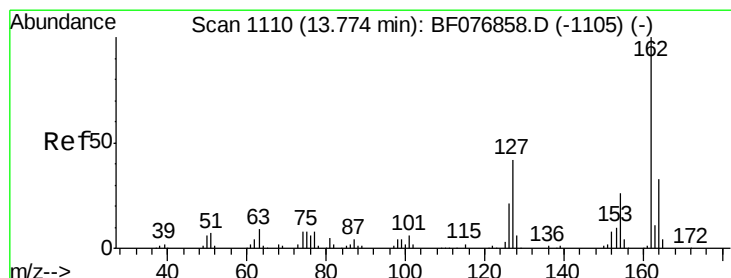
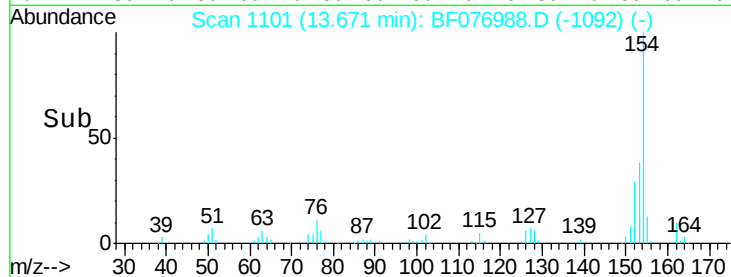
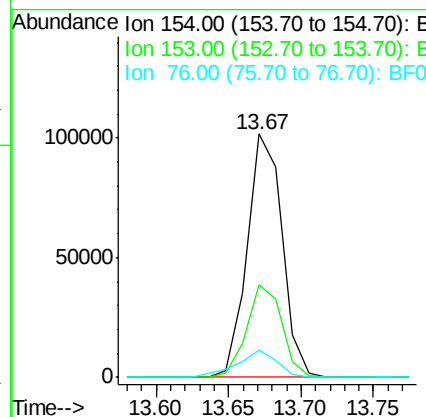
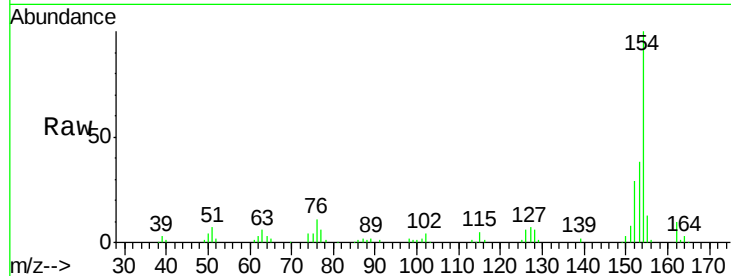
#45
 1,1'-Biphenyl
 Concen: 35.06 ng
 RT: 13.67 min Scan# 1101
 Delta R.T. 0.00 min
 Lab File: BF076988.D
 Acq: 21 Jan 2015 7:05

Instrument :
 BNA_F
 ClientSampleId :
 RBDC1-011615MSD

Tot Ion	Ratio	Resp	Lower	Upper
154	100	169449		
153	38.0	20.2	60.2	
76	11.2	0.0	29.0	

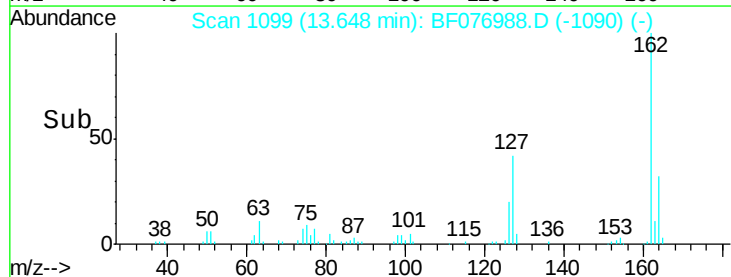
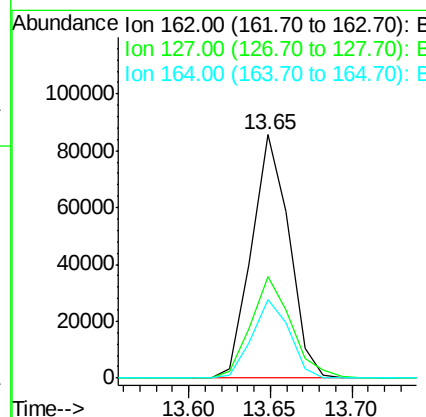
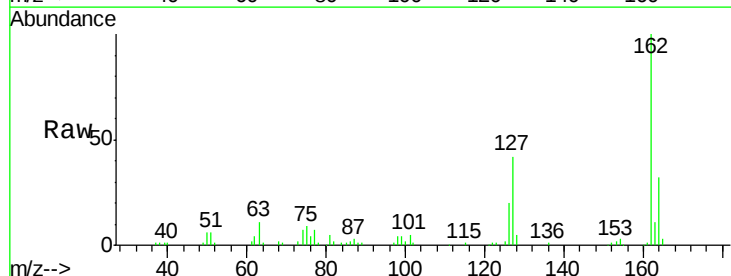
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#46
 2-Chloronaphthalene
 Concen: 34.27 ng
 RT: 13.65 min Scan# 1099
 Delta R.T. 0.00 min
 Lab File: BF076988.D
 Acq: 21 Jan 2015 7:05

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	136307		
127	41.8	33.8	50.6	
164	32.4	26.8	40.2	





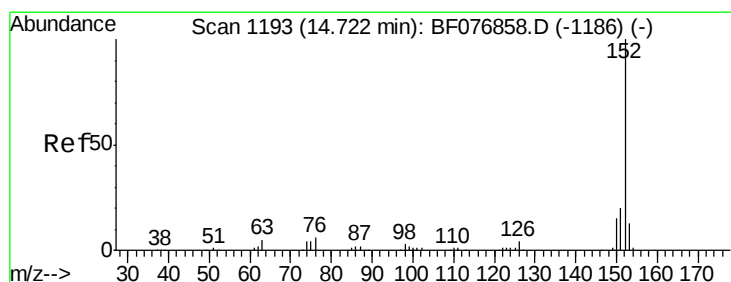
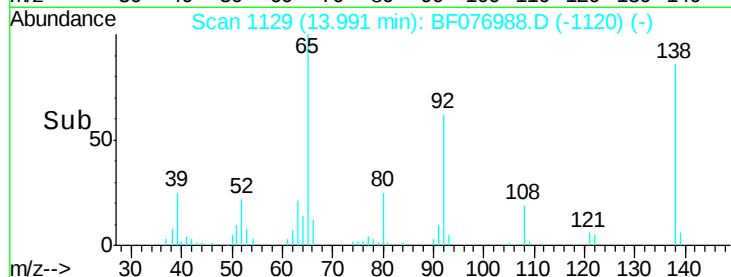
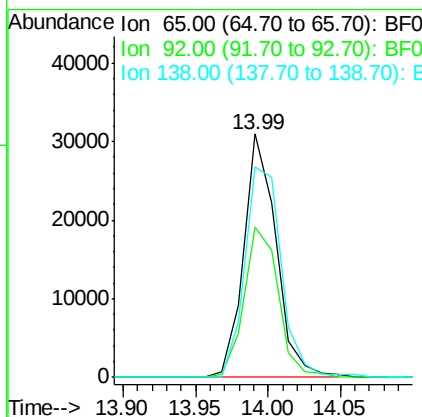
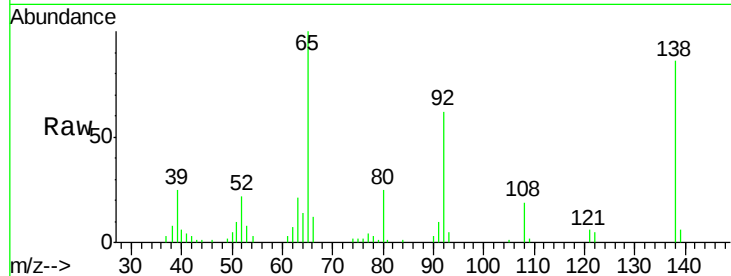
#47
2-Nitroaniline
Concen: 39.87 ng
RT: 13.99 min Scan# 1129
Delta R.T. 0.00 min
Lab File: BF076988.D
Acq: 21 Jan 2015 7:05

Instrument :
BNA_F
ClientSampleId :
RBDC1-011615MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	61.7	47.3	70.9
138	86.1	71.4	107.2

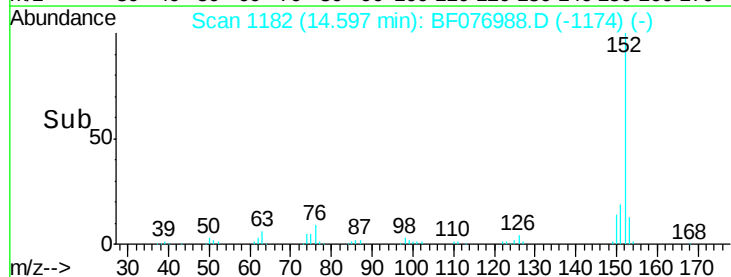
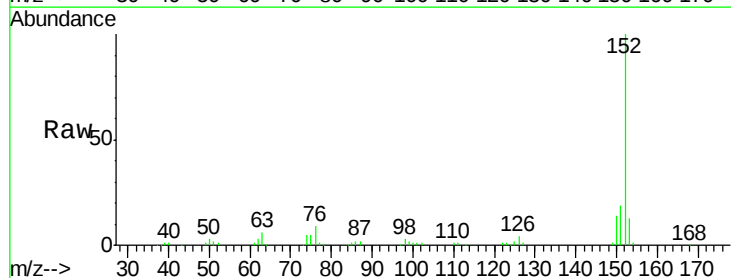
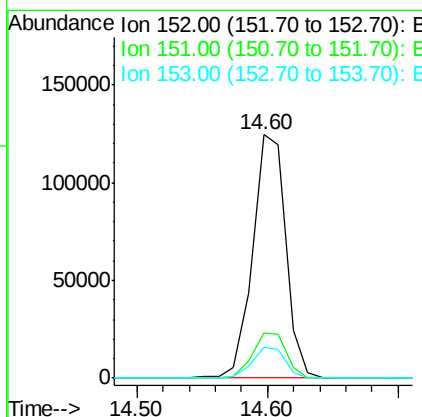
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#48
Acenaphthylene
Concen: 32.91 ng
RT: 14.60 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF076988.D
Acq: 21 Jan 2015 7:05

Tgt Ion	Ratio	Lower	Upper
152	100		
151	18.6	15.9	23.9
153	12.6	10.2	15.4





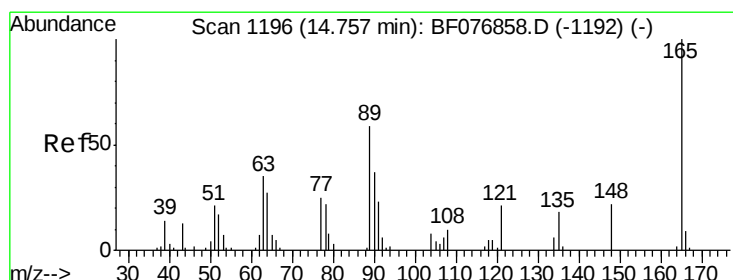
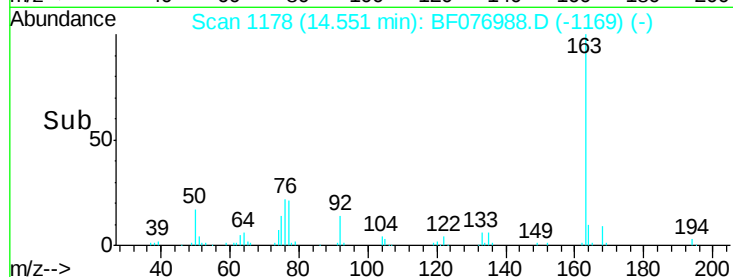
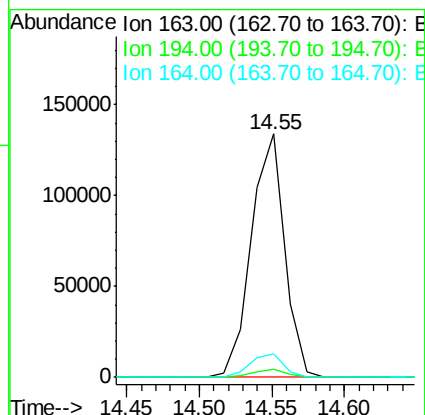
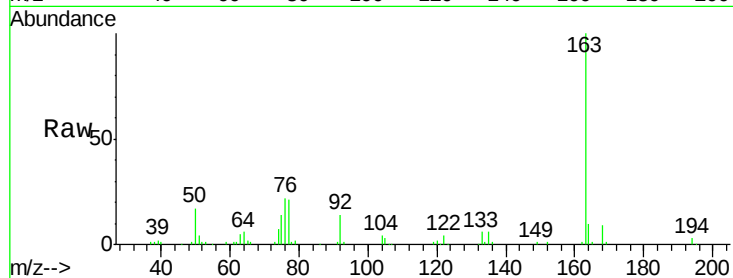
#49
Dimethylphthalate
Concen: 45.97 ng
RT: 14.55 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BF076988.D
Acq: 21 Jan 2015 7:05

Instrument :
BNA_F
ClientSampleId :
RBDC1-011615MSD

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.2	2.6	4.0
164	9.9	7.5	11.3

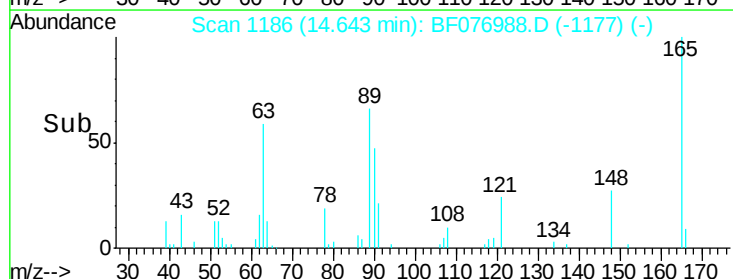
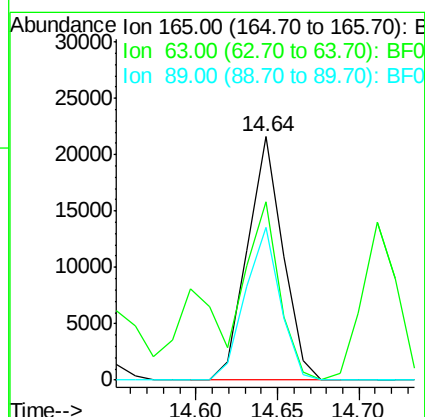
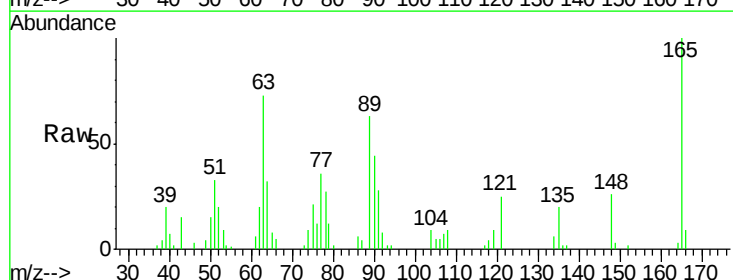
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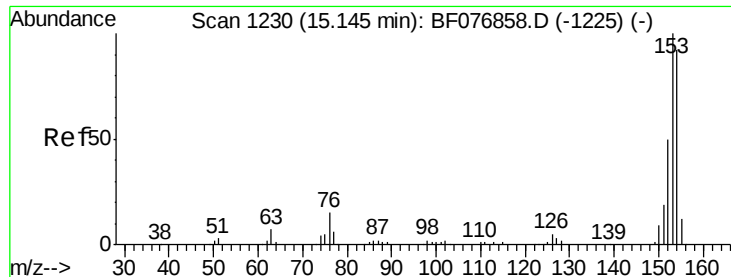
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#50
2,6-Dinitrotoluene
Concen: 35.14 ng
RT: 14.64 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BF076988.D
Acq: 21 Jan 2015 7:05

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	73.1	48.1	72.1#
89	62.9	47.2	70.8





#51

Acenaphthene

Concen: 32.01 ng

RT: 15.03 min Scan# 1220

Delta R.T. 0.00 min

Lab File: BF076988.D

Acq: 21 Jan 2015 7:05

Instrument :

BNA_F

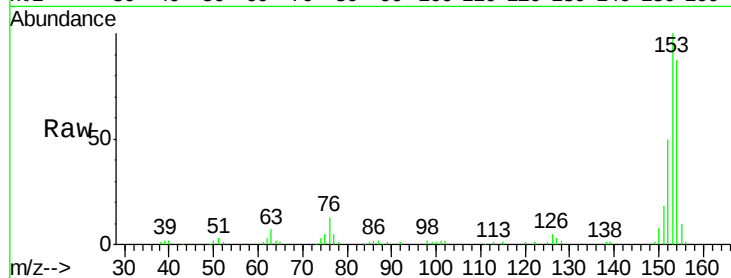
ClientSampleId :

RBDC1-011615MSD

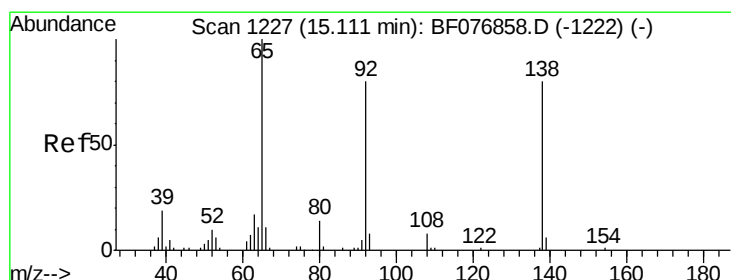
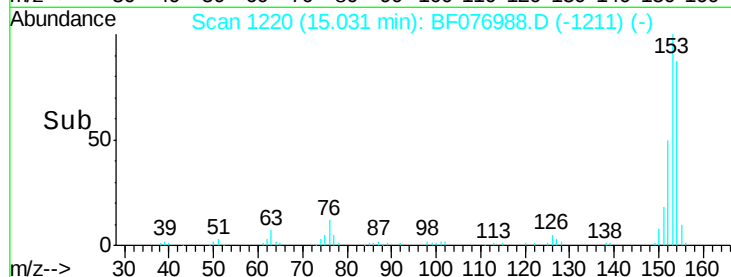
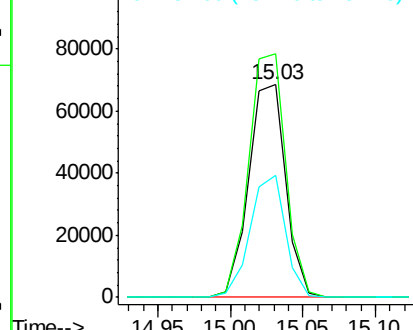
Tot Ion:	154	Resp:	121841
Ion Ratio	Lower	Upper	
154	100		
153	114.4	87.0	130.6
152	57.3	43.5	65.3

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 28.77 ng

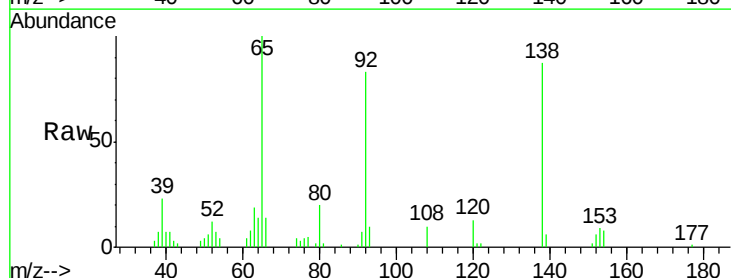
RT: 15.00 min Scan# 1217

Delta R.T. 0.00 min

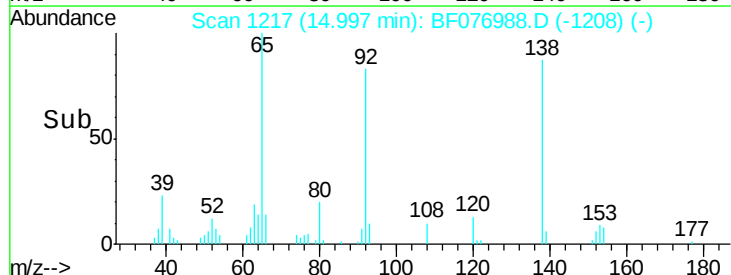
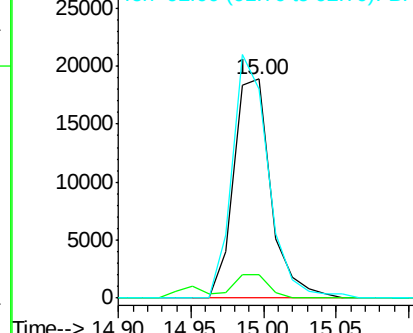
Lab File: BF076988.D

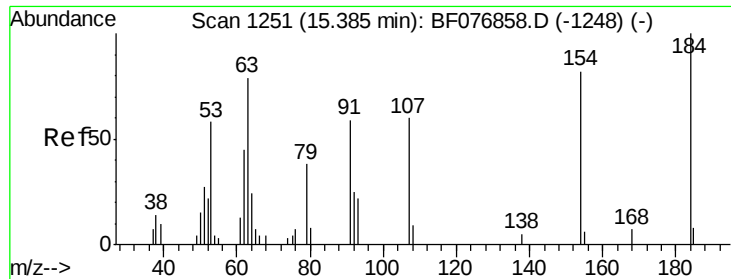
Acq: 21 Jan 2015 7:05

Tgt Ion:	138	Resp:	33797
Ion Ratio	Lower	Upper	
138	100		
108	10.9	8.3	12.5
92	95.5	80.9	121.3



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





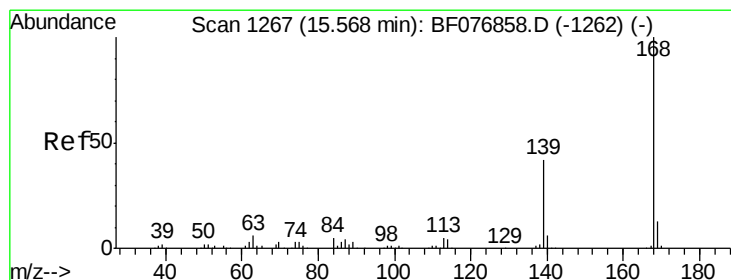
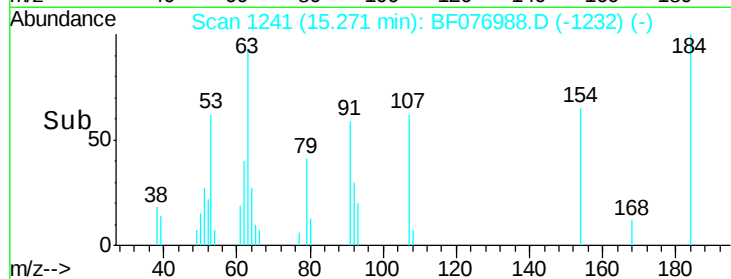
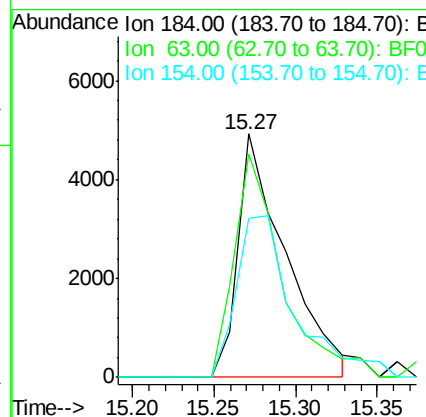
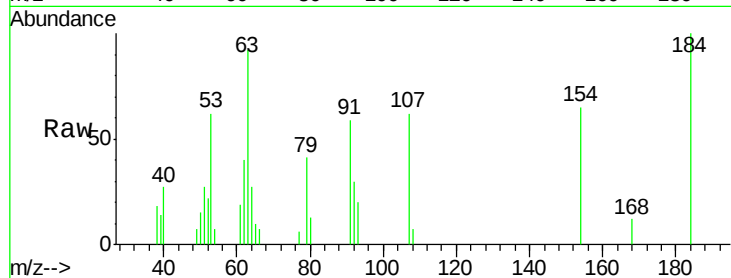
#53
2,4-Dinitrophenol
Concen: 31.32 ng
RT: 15.27 min Scan# 1241
Delta R.T. 0.00 min
Lab File: BF076988.D
Acq: 21 Jan 2015 7:05

Instrument :
BNA_F
ClientSampleId :
RBDC1-011615MSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	91.6	63.0	94.6
154	65.1	65.5	98.3

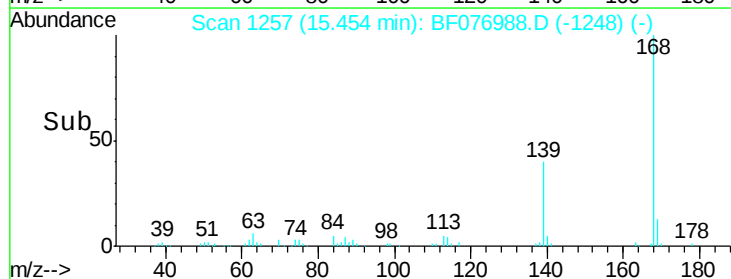
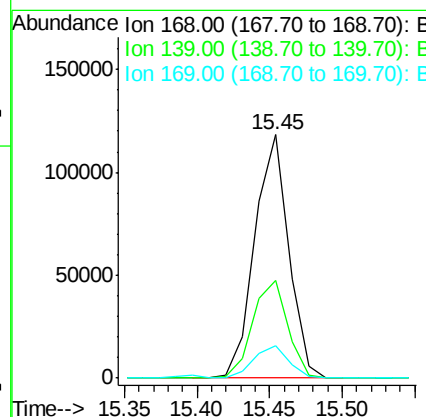
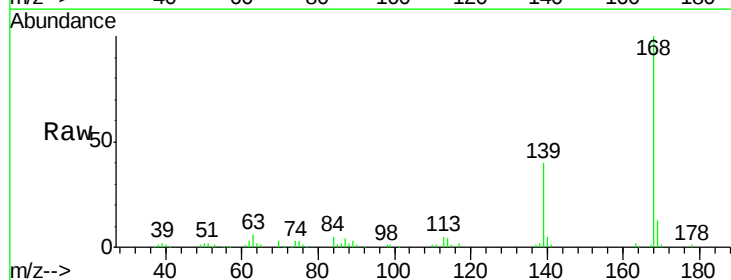
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#54
Dibenzofuran
Concen: 34.60 ng
RT: 15.45 min Scan# 1257
Delta R.T. 0.00 min
Lab File: BF076988.D
Acq: 21 Jan 2015 7:05

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.3	33.4	50.2
169	13.3	10.6	15.8





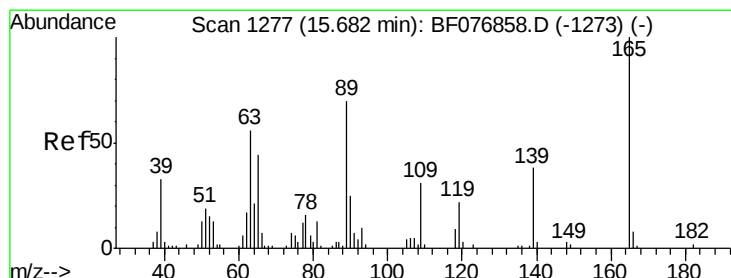
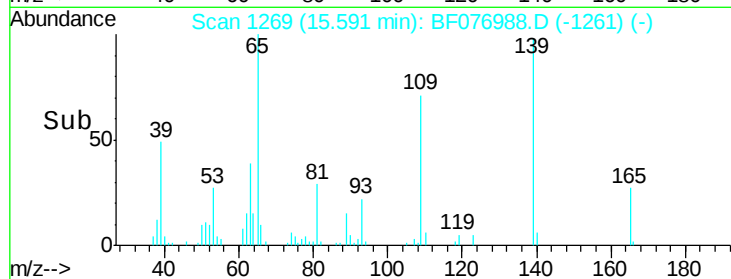
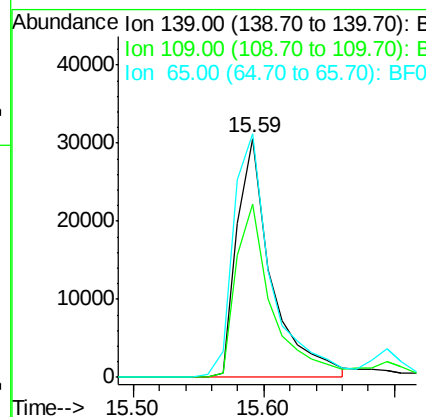
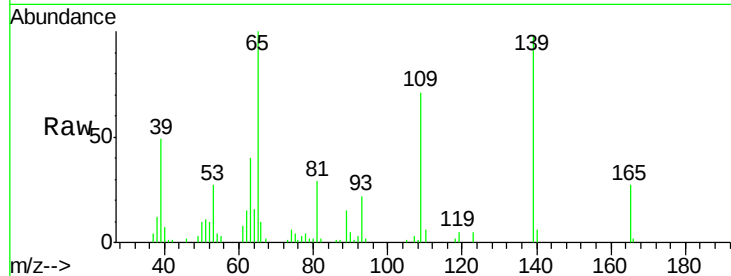
#55
4-Nitrophenol
Concen: 78.21 ng
RT: 15.59 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF076988.D
Acq: 21 Jan 2015 7:05

Instrument :
BNA_F
ClientSampleId :
RBDC1-011615MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	72.6	61.0	101.0	
65	102.0	96.6	136.6	

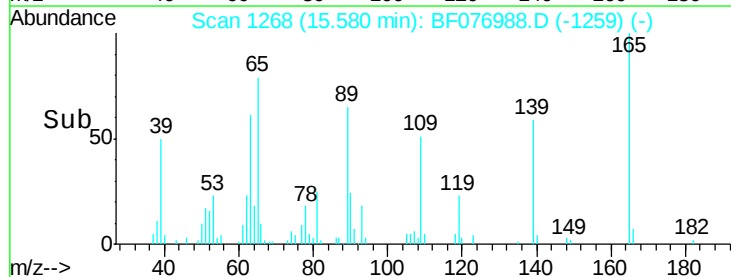
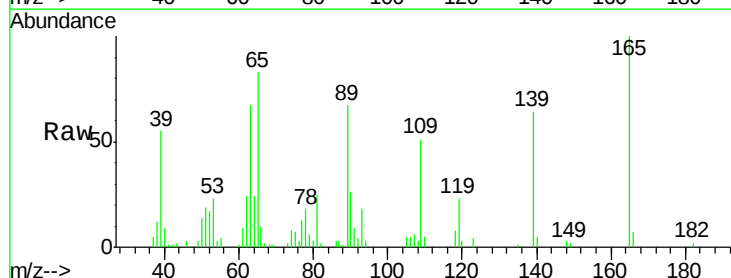
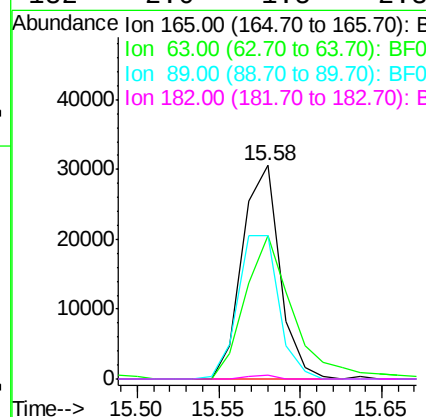
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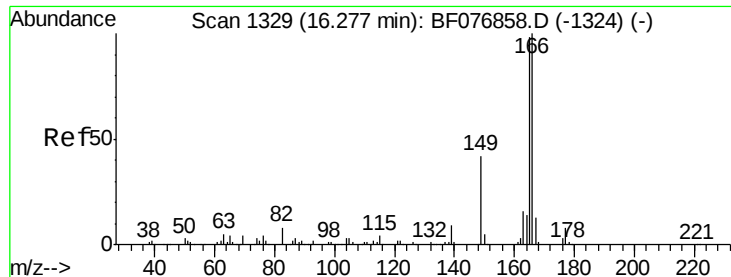
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#56
2,4-Dinitrotoluene
Concen: 35.83 ng
RT: 15.58 min Scan# 1268
Delta R.T. 0.00 min
Lab File: BF076988.D
Acq: 21 Jan 2015 7:05

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	66.9	44.8	67.2	
89	66.9	56.2	84.2	
182	2.0	1.5	2.3	





#57

Fluorene

Concen: 33.79 ng

RT: 16.17 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF076988.D

Acq: 21 Jan 2015 7:05

Instrument :

BNA_F

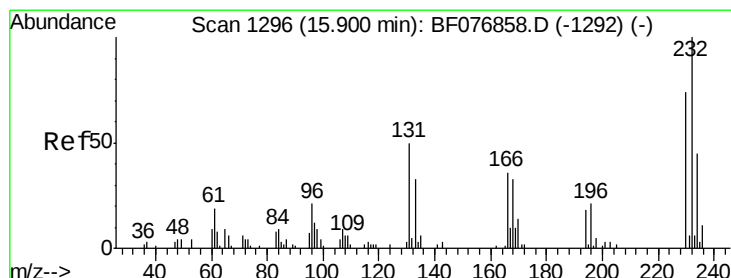
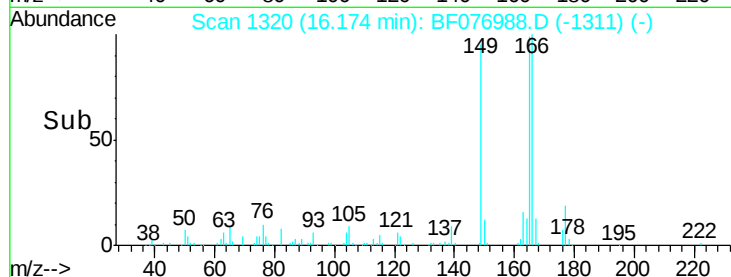
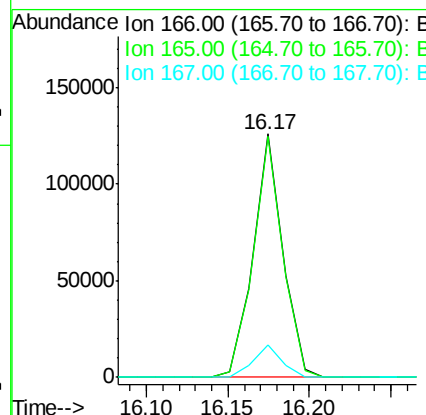
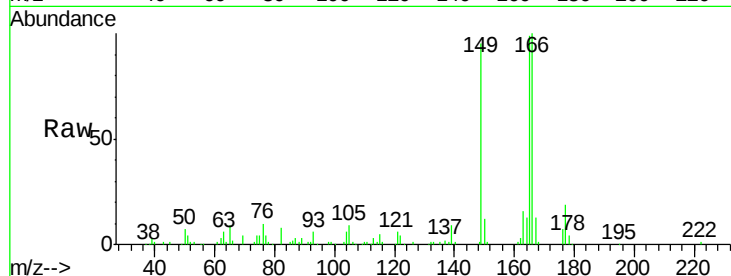
ClientSampleId :

RBDC1-011615MSD

Tot Ion:	166	Resp:	158746
Ion Ratio	Lower	Upper	
166	100		
165	98.8	78.5	117.7
167	13.3	10.4	15.6

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#58

2,3,4,6-Tetrachlorophenol

Concen: 41.44 ng

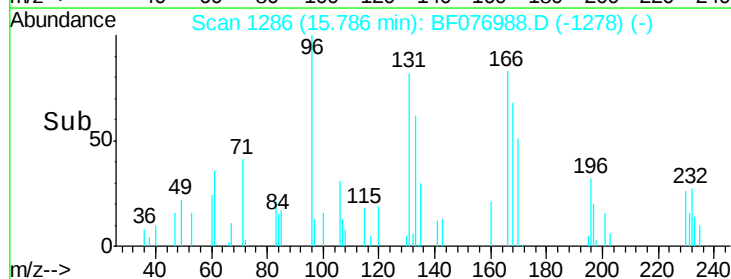
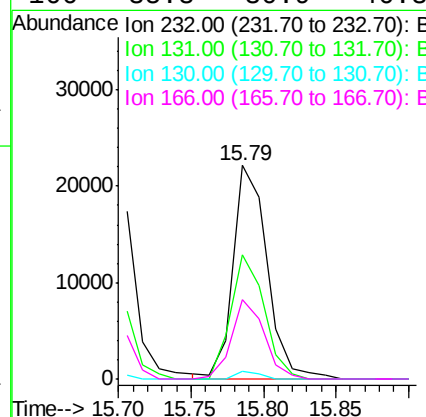
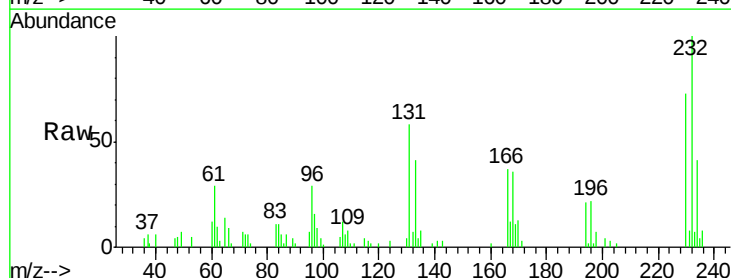
RT: 15.79 min Scan# 1286

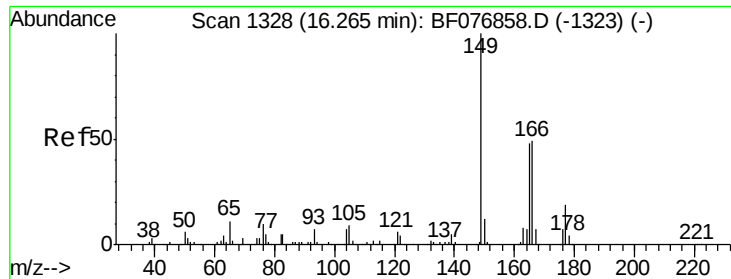
Delta R.T. -0.01 min

Lab File: BF076988.D

Acq: 21 Jan 2015 7:05

Tgt Ion:	232	Resp:	36139
Ion Ratio	Lower	Upper	
232	100		
131	57.3	45.0	67.6
130	2.6	2.6	3.8
166	35.8	30.9	46.3





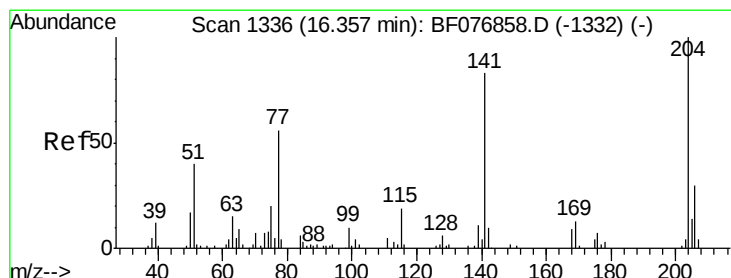
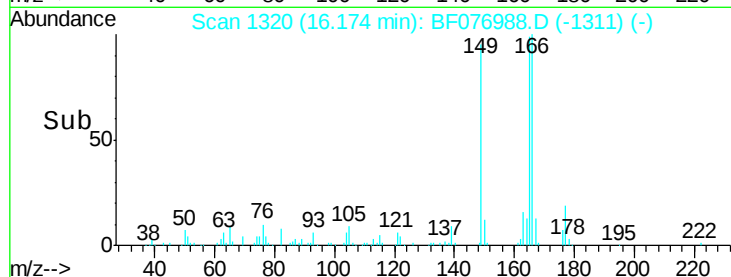
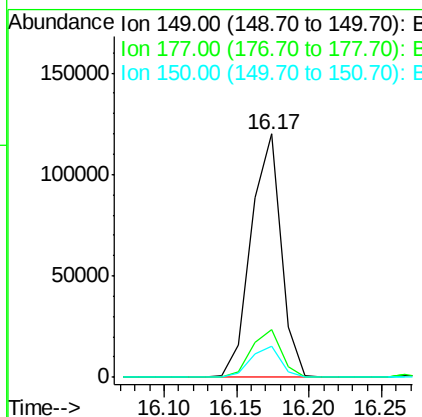
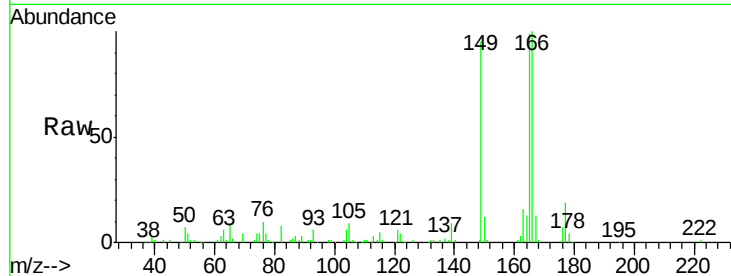
#59
Diethylphthalate
Concen: 36.86 ng
RT: 16.17 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF076988.D
Acq: 21 Jan 2015 7:05

Instrument :
BNA_F
ClientSampleId :
RBDC1-011615MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	172209		
177	19.6	15.0	22.6	
150	12.5	9.4	14.0	

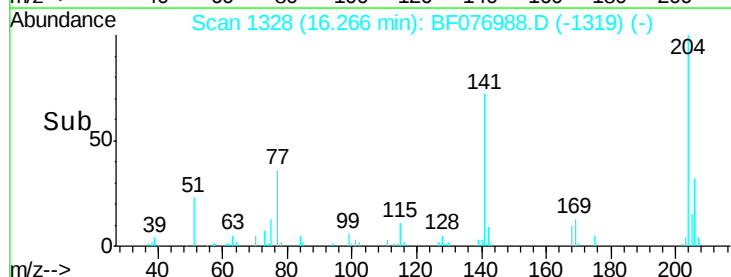
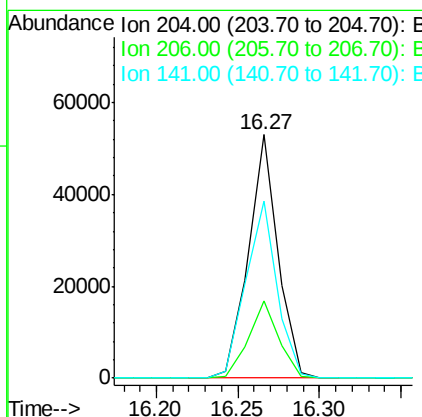
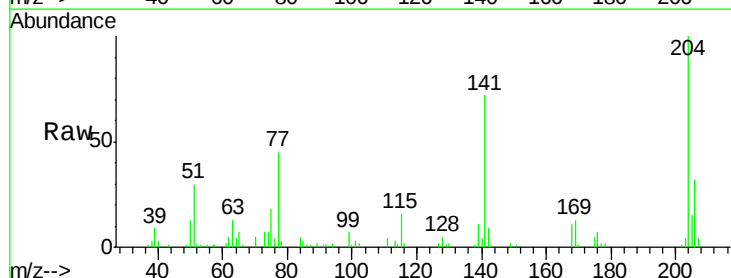
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#60
4-Chlorophenyl-phenylether
Concen: 34.57 ng
RT: 16.27 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF076988.D
Acq: 21 Jan 2015 7:05

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	66438		
206	31.8	24.2	36.2	
141	72.5	66.7	100.1	





#61

4-Nitroaniline

Concen: 32.70 ng

RT: 16.31 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF076988.D

Acq: 21 Jan 2015 7:05

Instrument :

BNA_F

ClientSampleId :

RBDC1-011615MSD

Tot Ion:138 Resp: 37528

Ion Ratio Lower Upper

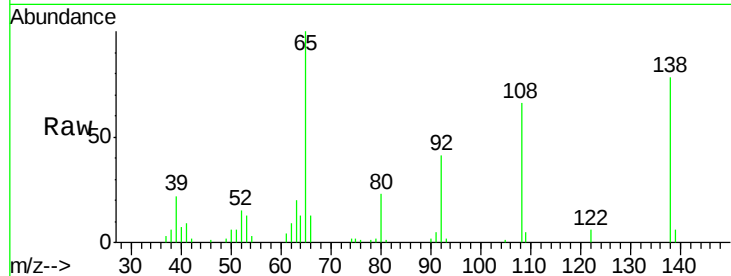
138 100

92 52.0 26.7 66.7

108 84.3 64.5 104.5

Manual Integrations
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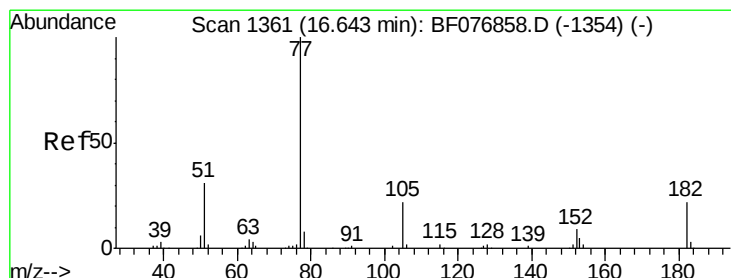
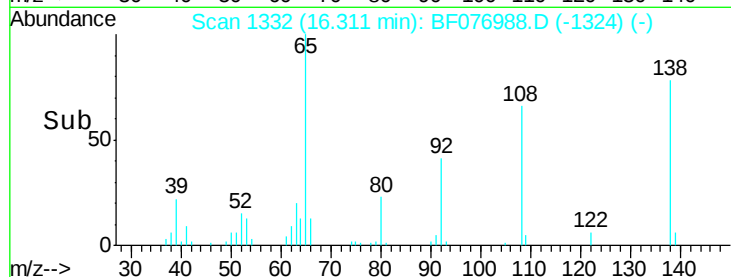
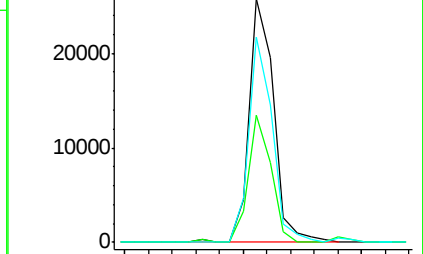
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 37.03 ng

RT: 16.55 min Scan# 1353

Delta R.T. 0.00 min

Lab File: BF076988.D

Acq: 21 Jan 2015 7:05

Tgt Ion: 77 Resp: 180267

Ion Ratio Lower Upper

77 100

182 26.0 2.0 42.0

105 22.1 2.3 42.3

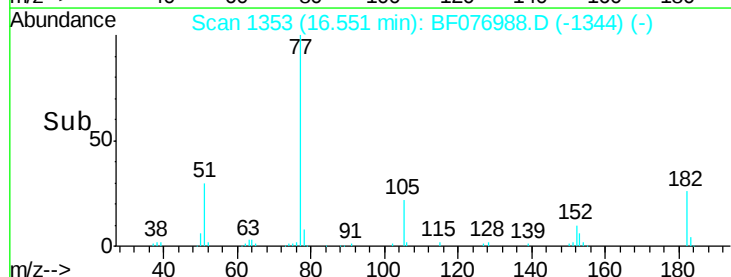
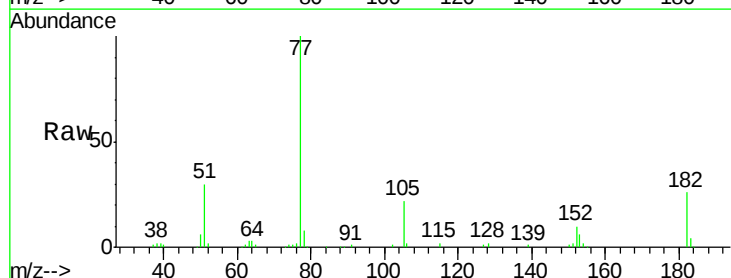
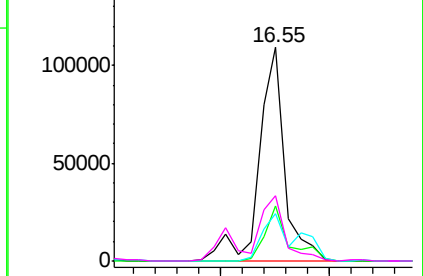
51 30.5 10.7 50.7

Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





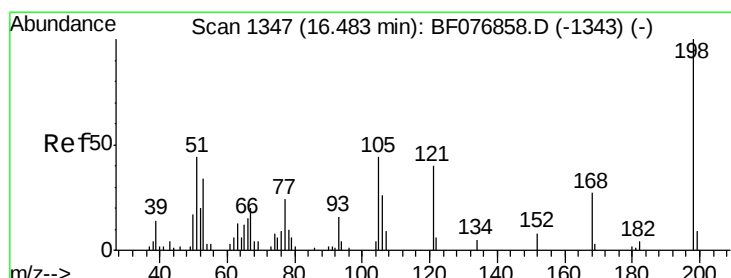
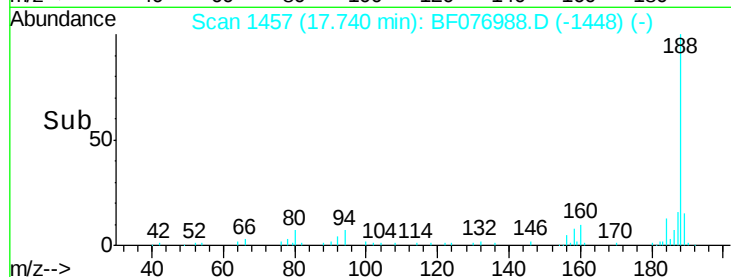
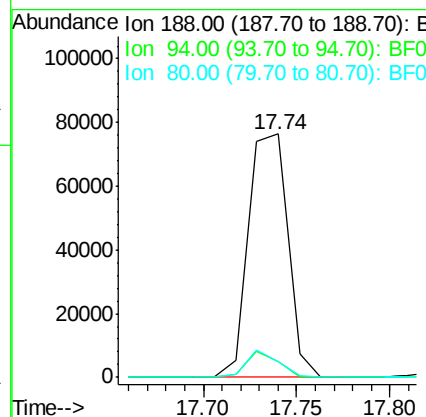
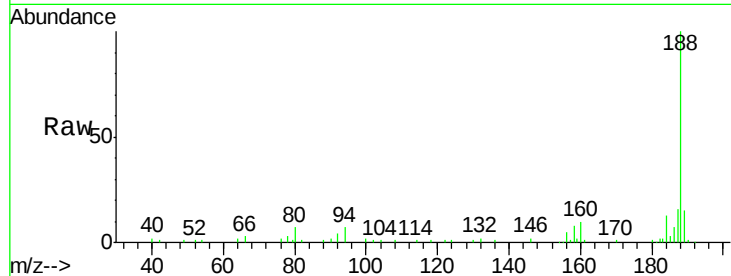
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.74 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: BF076988.D
 Acq: 21 Jan 2015 7:05

Instrument :
 BNA_F
 ClientSampleId :
 RBDC1-011615MSD

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	6.6	6.0	9.0
80	6.7	6.9	10.3#

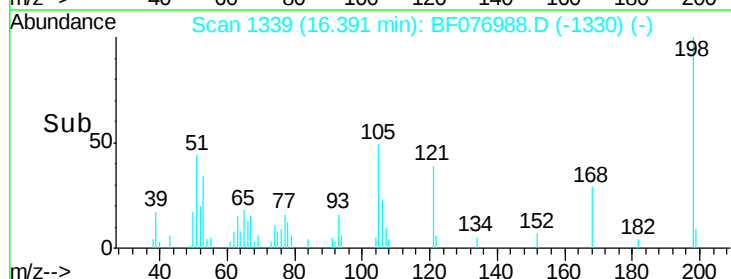
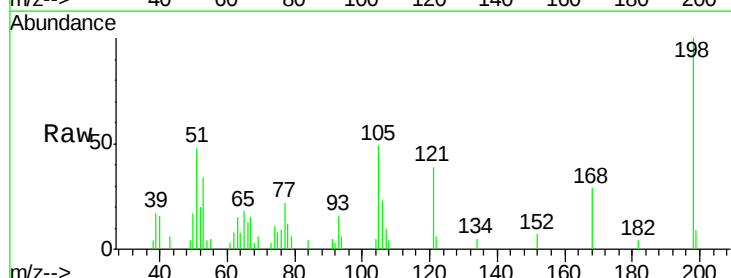
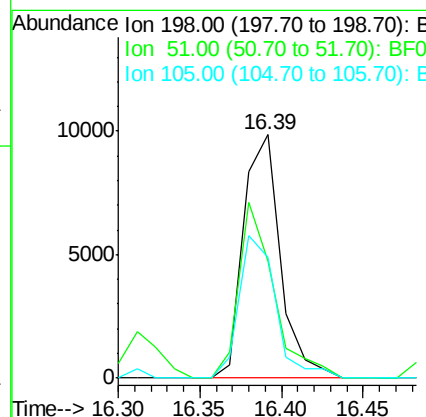
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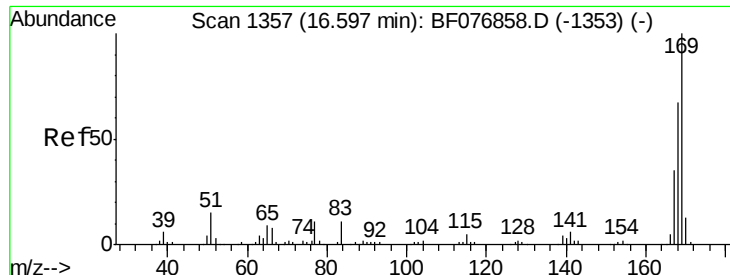
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 23.29 ng
 RT: 16.39 min Scan# 1339
 Delta R.T. 0.00 min
 Lab File: BF076988.D
 Acq: 21 Jan 2015 7:05

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	48.0	24.2	64.2
105	49.4	24.0	64.0





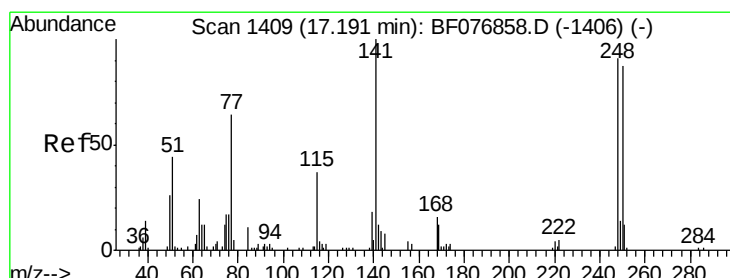
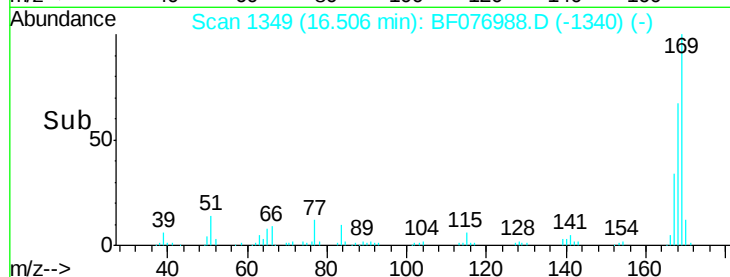
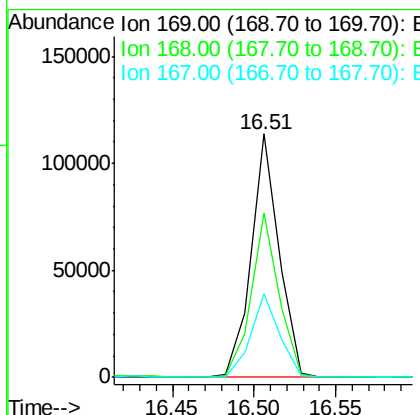
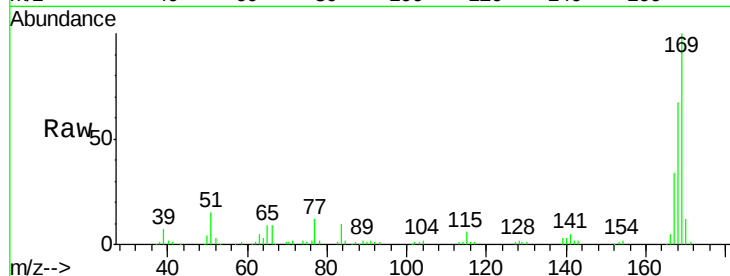
#65
n-Nitrosodiphenylamine
Concen: 33.84 ng
RT: 16.51 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BF076988.D
Acq: 21 Jan 2015 7:05

Instrument :
BNA_F
ClientSampleId :
RBDC1-011615MSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	134971		
168	67.3		53.8	80.6
167	34.4		27.8	41.6

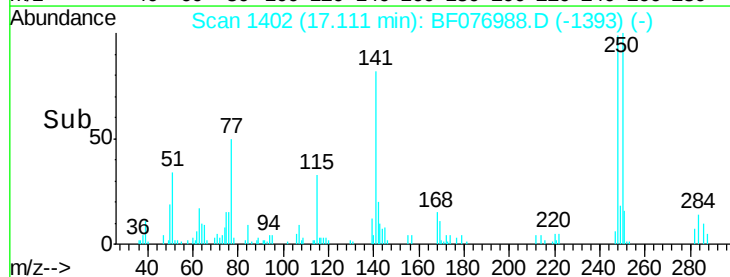
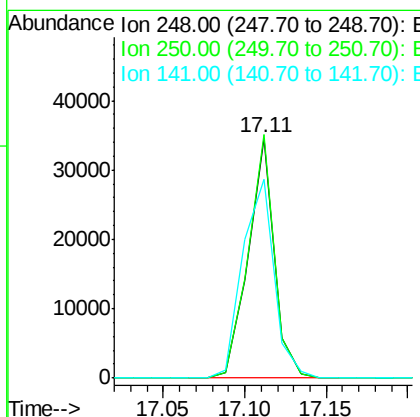
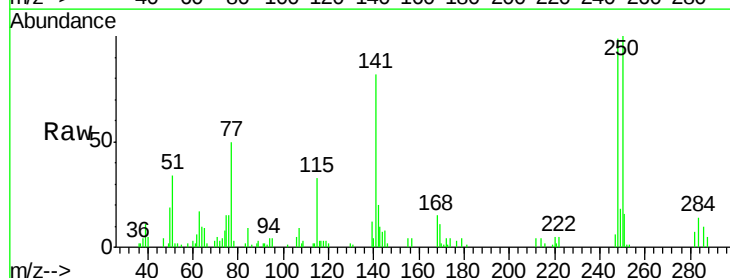
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#66
4-Bromophenyl-phenylether
Concen: 33.86 ng
RT: 17.11 min Scan# 1402
Delta R.T. 0.00 min
Lab File: BF076988.D
Acq: 21 Jan 2015 7:05

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	38368		
250	101.5		77.1	115.7
141	83.0		88.2	132.4#





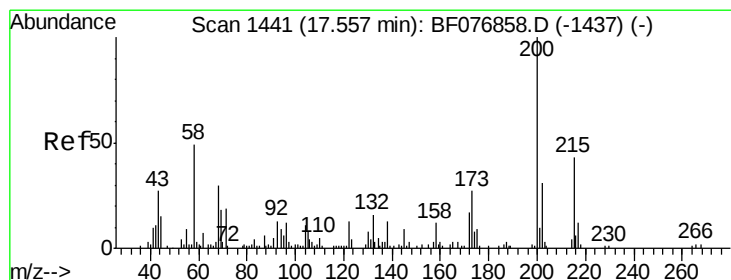
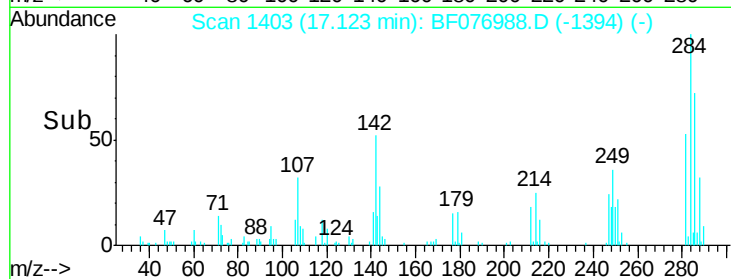
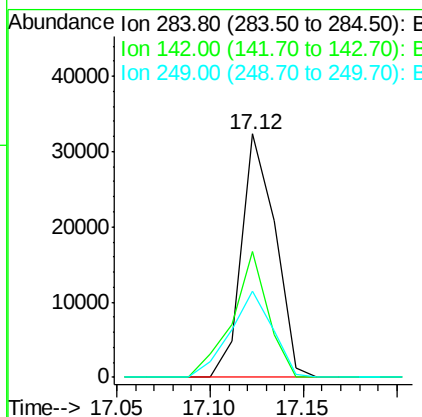
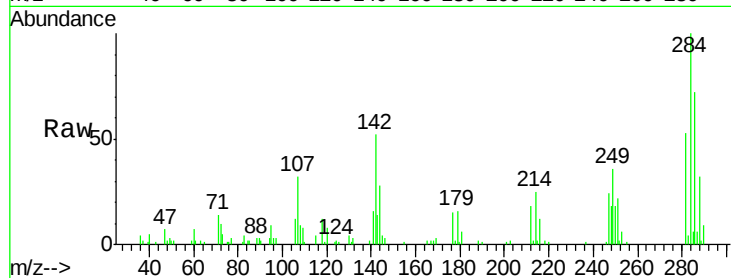
#67
Hexachlorobenzene
Concen: 34.09 ng
RT: 17.12 min Scan# 1403
Delta R.T. 0.00 min
Lab File: BF076988.D
Acq: 21 Jan 2015 7:05

Instrument :
BNA_F
ClientSampleId :
RBDC1-011615MSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100	40707		
142	51.9	38.2	57.4	
249	35.5	28.2	42.2	

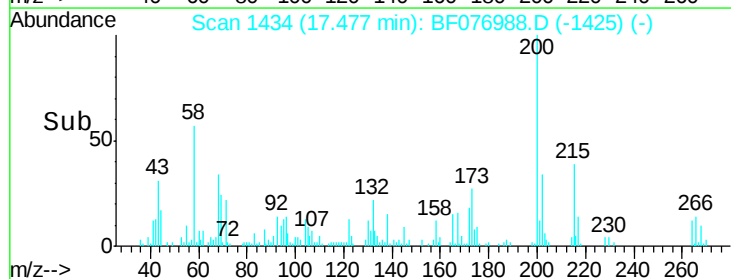
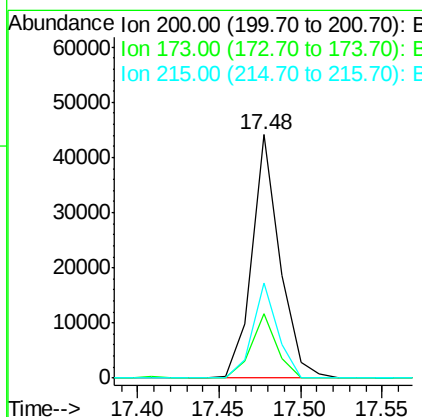
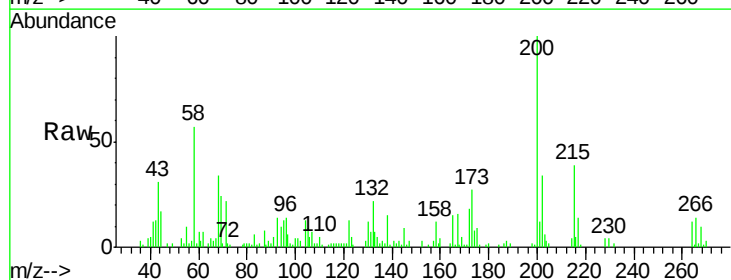
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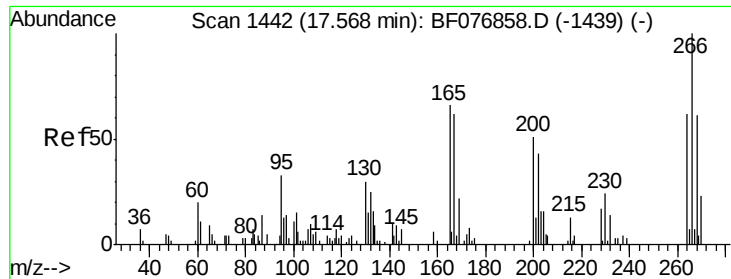
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#68
Atrazine
Concen: 43.24 ng
RT: 17.48 min Scan# 1434
Delta R.T. 0.00 min
Lab File: BF076988.D
Acq: 21 Jan 2015 7:05

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	52330		
173	26.7	6.6	46.6	
215	38.8	22.9	62.9	





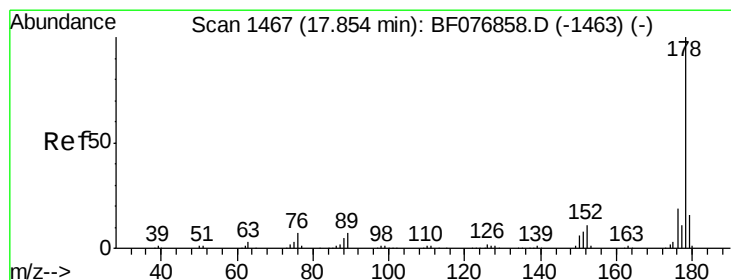
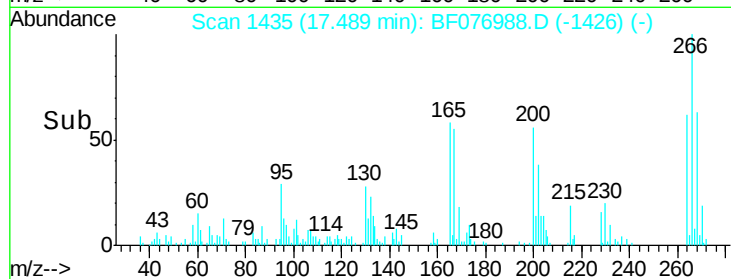
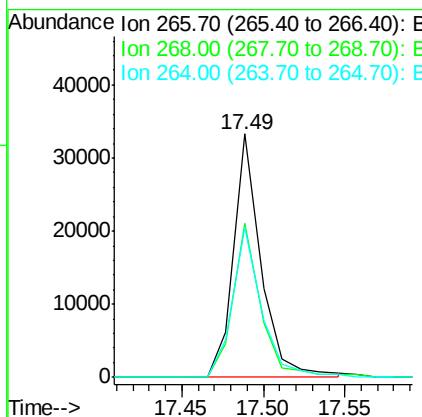
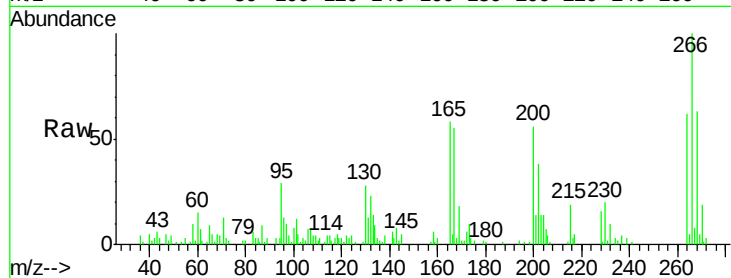
#69
 Pentachlorophenol
 Concen: 71.63 ng
 RT: 17.49 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: BF076988.D
 Acq: 21 Jan 2015 7:05

Instrument :
 BNA_F
 ClientSampleId :
 RBDC1-011615MSD

Tot Ion:	266	Resp:	38807
Ion Ratio	Lower	Upper	
266	100		
268	63.2	48.6	72.8
264	61.9	49.5	74.3

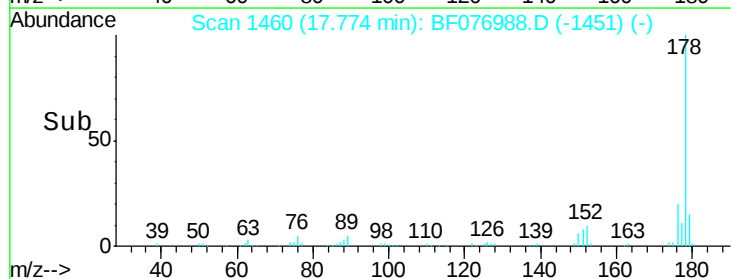
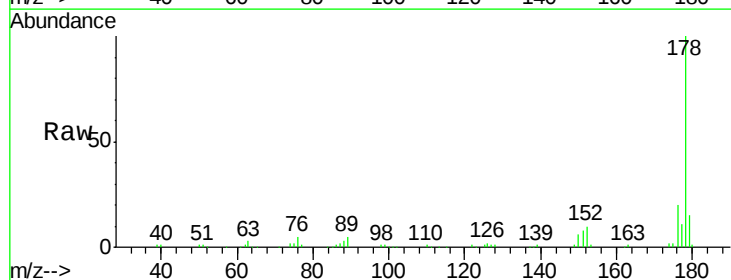
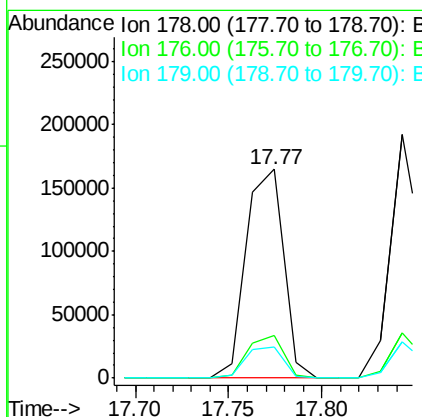
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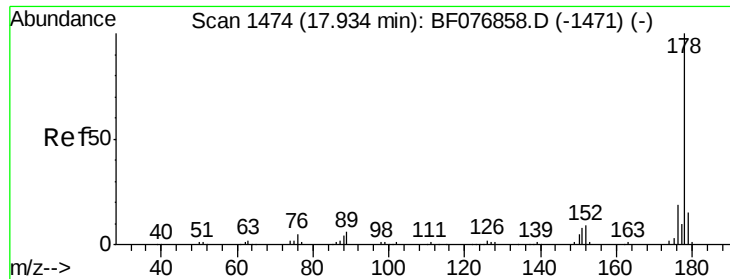
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#70
 Phenanthrene
 Concen: 33.00 ng
 RT: 17.77 min Scan# 1460
 Delta R.T. 0.00 min
 Lab File: BF076988.D
 Acq: 21 Jan 2015 7:05

Tgt Ion:	178	Resp:	230226
Ion Ratio	Lower	Upper	
178	100		
176	20.3	15.1	22.7
179	15.2	12.7	19.1





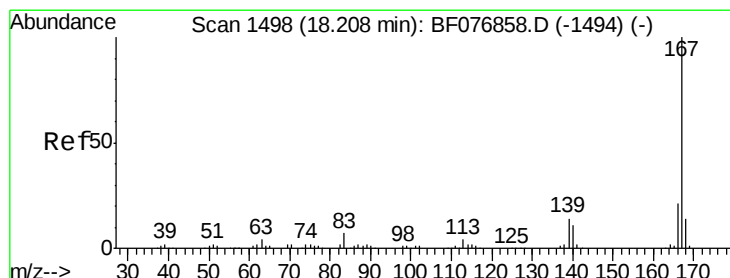
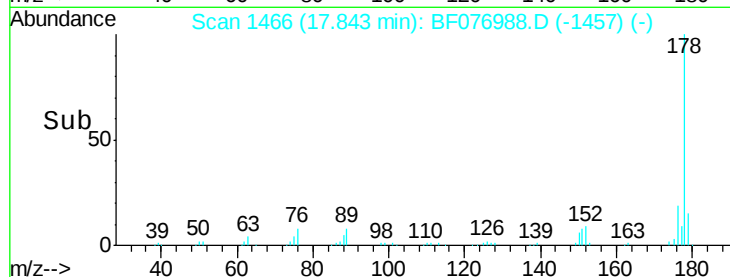
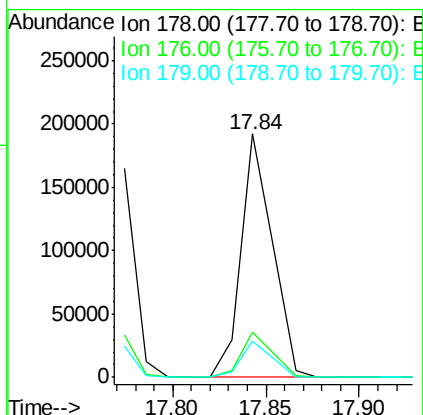
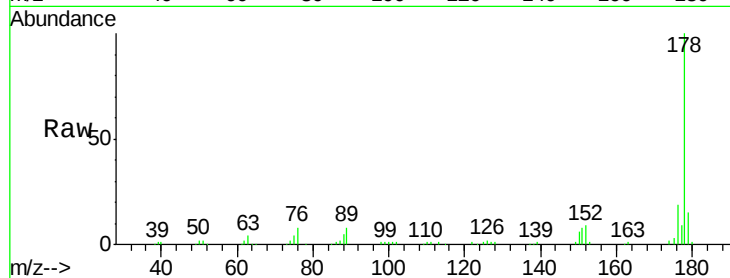
#71
 Anthracene
 Concen: 33.03 ng
 RT: 17.84 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: BF076988.D
 Acq: 21 Jan 2015 7:05

Instrument :
 BNA_F
 ClientSampleId :
 RBDC1-011615MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.0
179	14.8	11.9	17.9

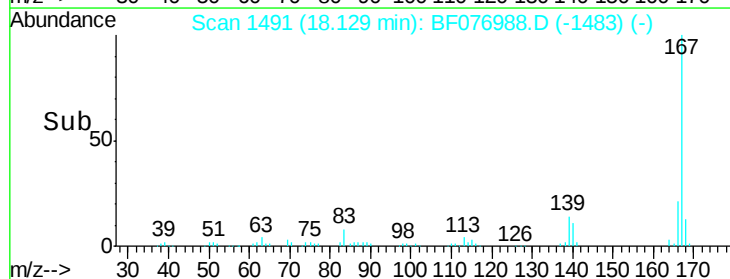
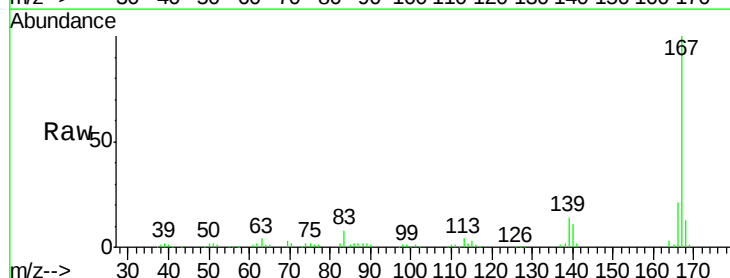
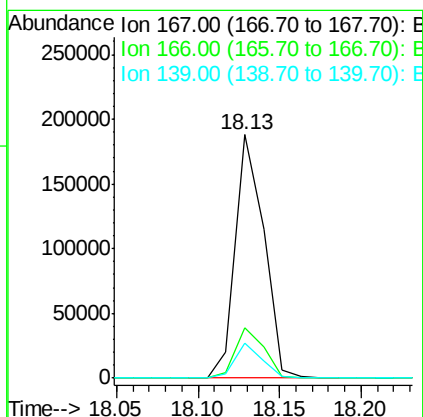
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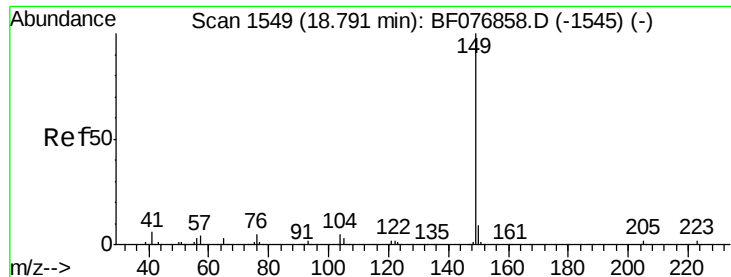
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#72
 Carbazole
 Concen: 34.48 ng
 RT: 18.13 min Scan# 1491
 Delta R.T. -0.01 min
 Lab File: BF076988.D
 Acq: 21 Jan 2015 7:05

Tgt Ion	Ratio	Lower	Upper
167	100		
166	20.7	17.0	25.6
139	14.4	11.3	16.9





#73

Di-n-butylphthalate

Concen: 35.79 ng

RT: 18.72 min Scan# 1543

Delta R.T. 0.00 min

Lab File: BF076988.D

Acq: 21 Jan 2015 7:05

Instrument :

BNA_F

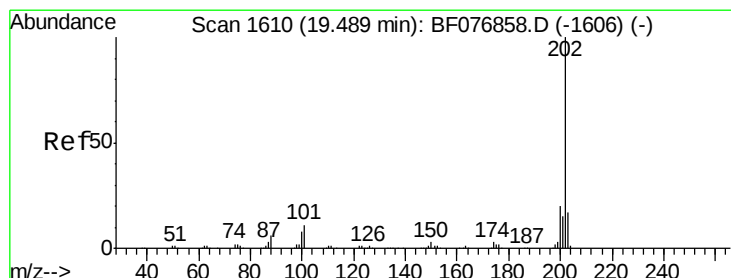
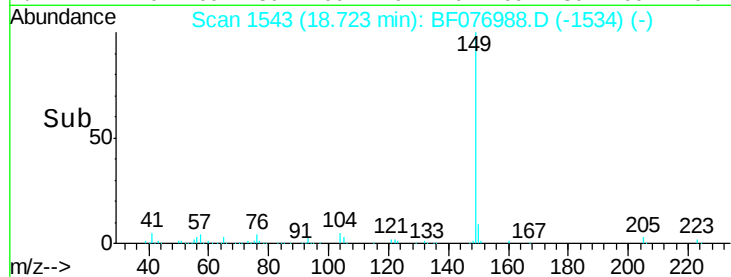
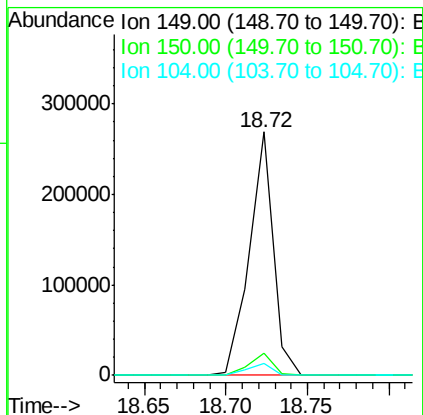
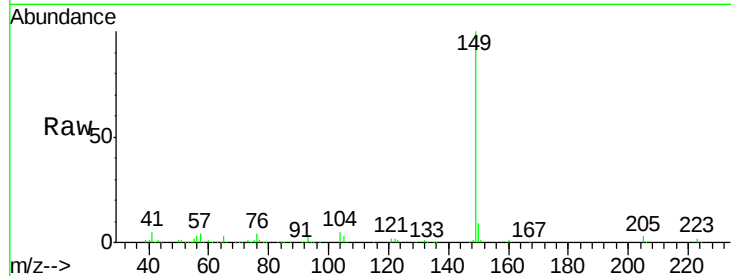
ClientSampleId :

RBDC1-011615MSD

Tot Ion:	149	Resp:	273296
Ion Ratio	Lower	Upper	
149	100		
150	9.0	6.9	10.3
104	4.7	3.7	5.5

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#74

Fluoranthene

Concen: 33.66 ng

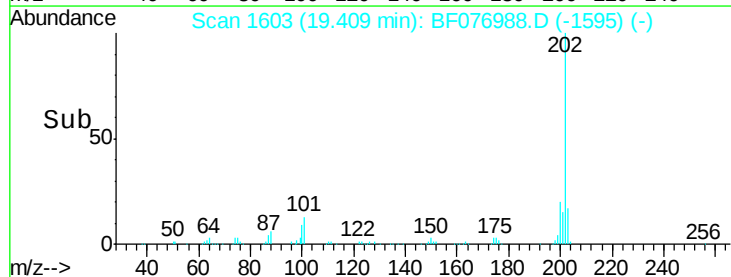
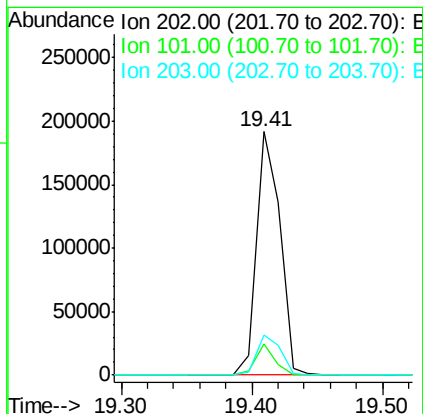
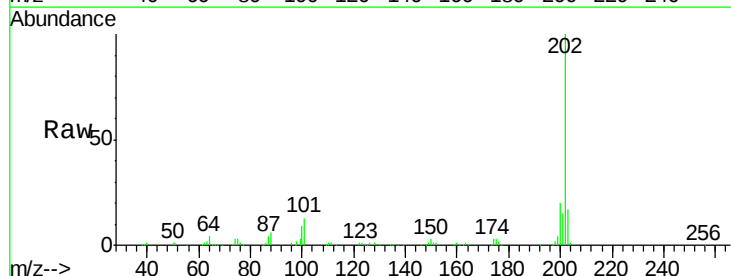
RT: 19.41 min Scan# 1603

Delta R.T. -0.01 min

Lab File: BF076988.D

Acq: 21 Jan 2015 7:05

Tgt Ion:	202	Resp:	240576
Ion Ratio	Lower	Upper	
202	100		
101	12.8	0.0	30.7
203	16.6	0.0	36.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.24 min Scan# 1763

Delta R.T. 0.00 min

Lab File: BF076988.D

Acq: 21 Jan 2015 7:05

Instrument :

BNA_F

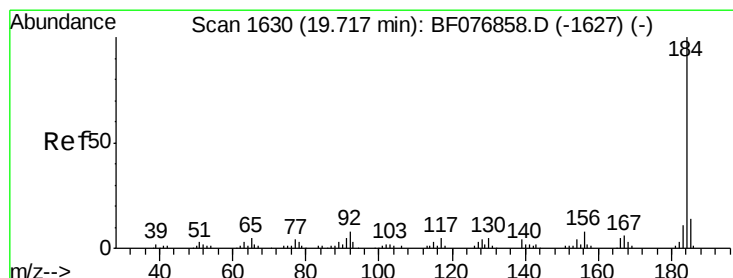
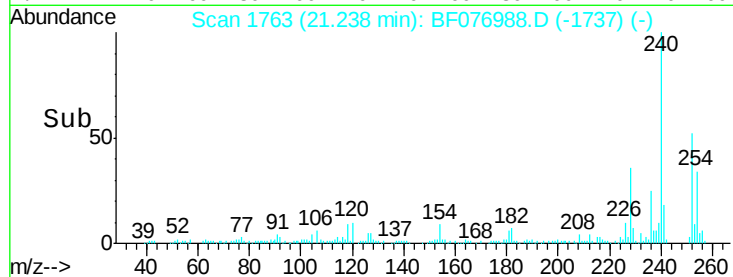
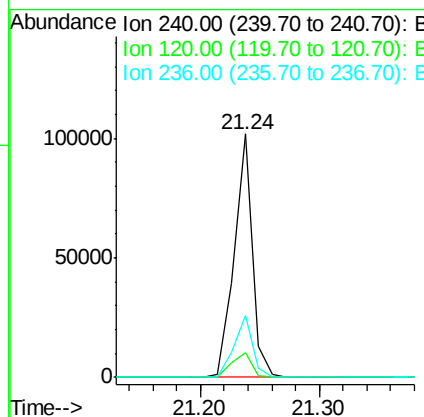
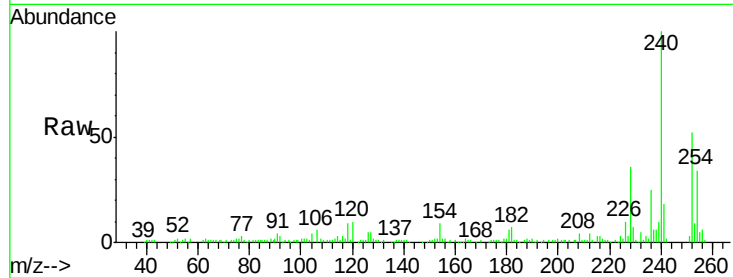
ClientSampleId :

RBDC1-011615MSD

Tot Ion	Ratio	Resp	Lower	Upper
240	100	107891		
120	10.0	10.4	15.6#	
236	25.2	20.2	30.2	

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#76

Benzidine

Concen: 32.95 ng

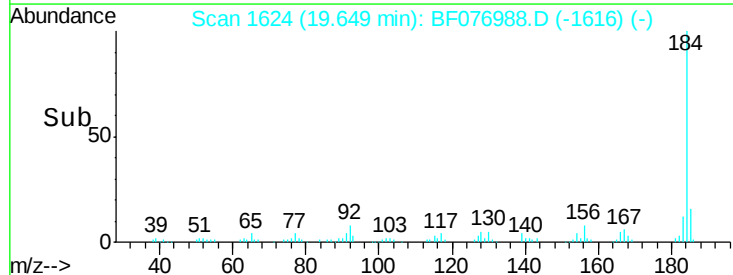
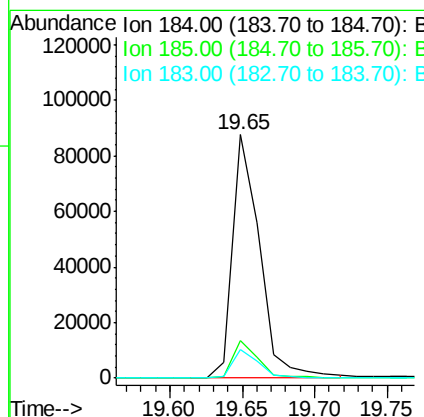
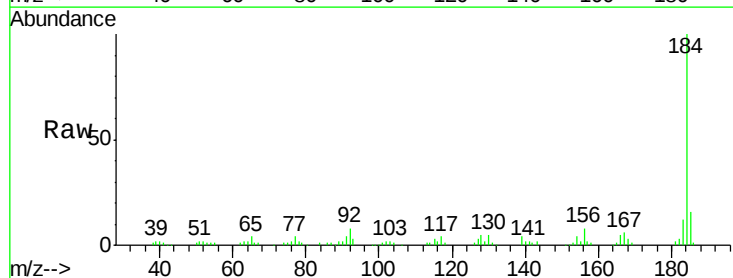
RT: 19.65 min Scan# 1624

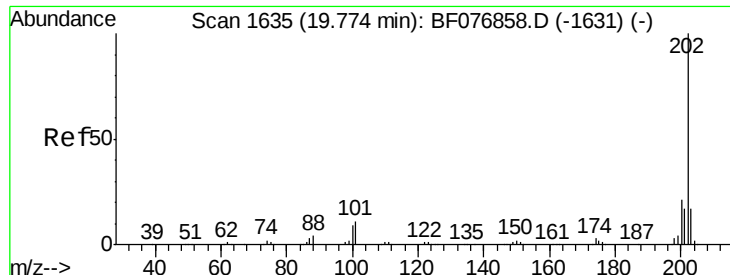
Delta R.T. -0.01 min

Lab File: BF076988.D

Acq: 21 Jan 2015 7:05

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	113753		
185	15.5	11.4	17.2	
183	11.6	9.0	13.6	





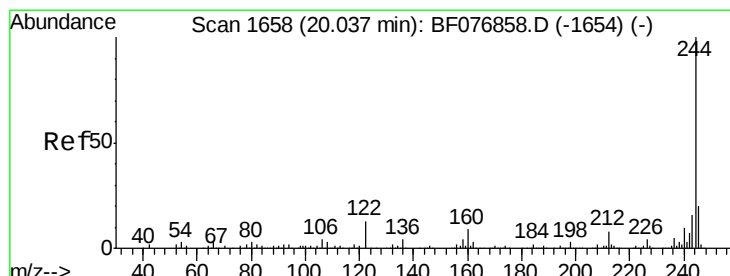
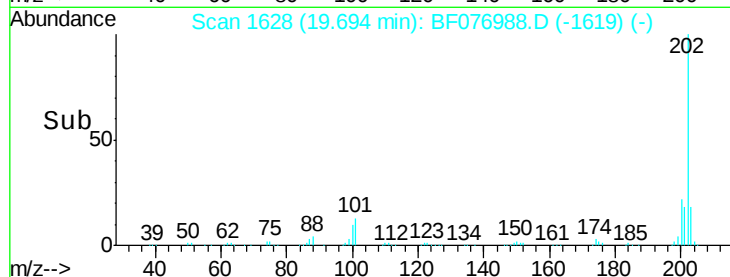
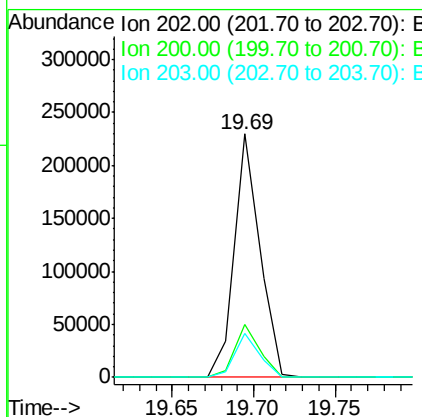
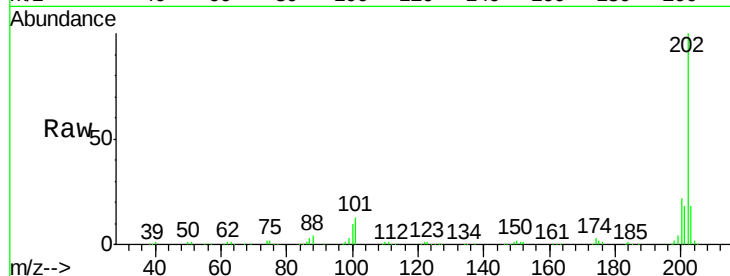
#77
Pvrene
Concen: 33.51 ng
RT: 19.69 min Scan# 1628
Delta R.T. 0.00 min
Lab File: BF076988.D
Acq: 21 Jan 2015 7:05

Instrument :
BNA_F
ClientSampleId :
RBDC1-011615MSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.9	16.7	25.1
203	18.1	14.0	21.0

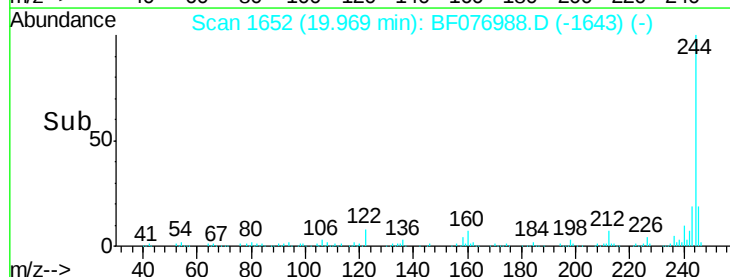
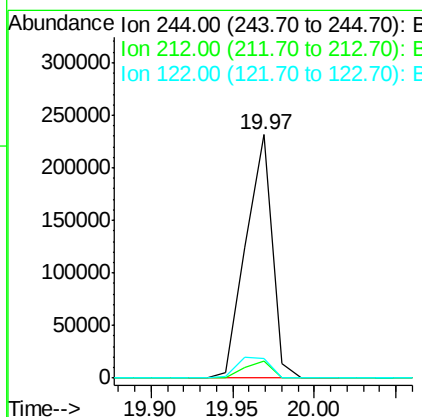
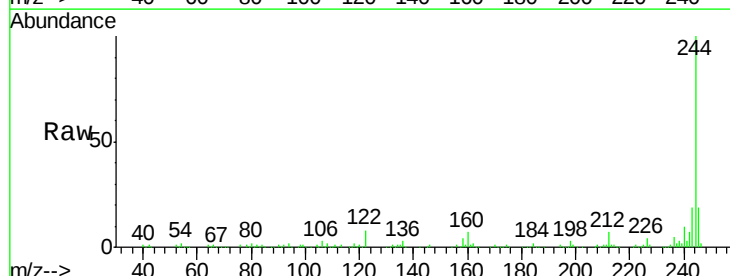
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#78
Terphenyl-d14
Concen: 55.05 ng
RT: 19.97 min Scan# 1652
Delta R.T. 0.00 min
Lab File: BF076988.D
Acq: 21 Jan 2015 7:05

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.3	9.5
122	8.2	10.1	15.1#





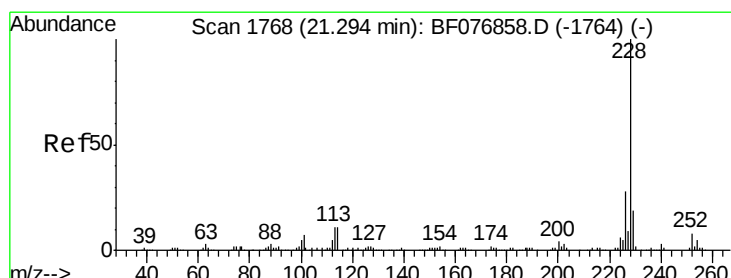
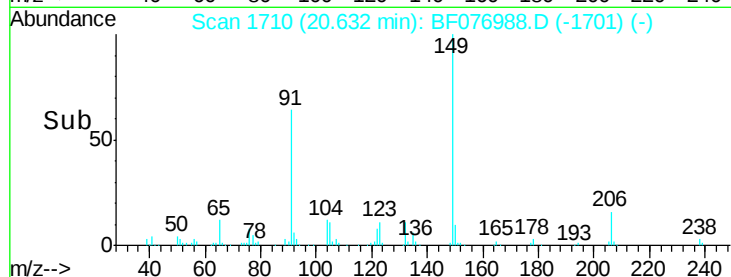
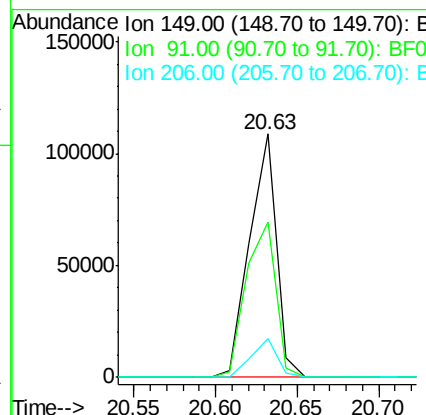
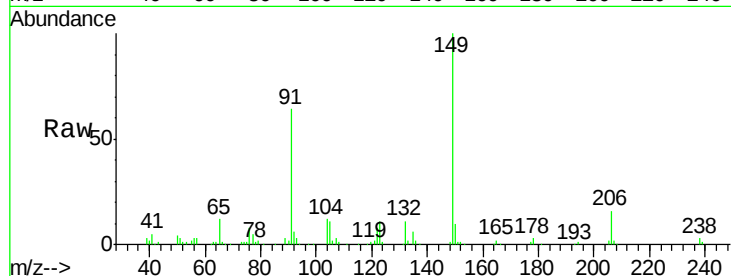
#79
Butylbenzylphthalate
Concen: 36.96 ng
RT: 20.63 min Scan# 1710
Delta R.T. 0.00 min
Lab File: BF076988.D
Acq: 21 Jan 2015 7:05

Instrument :
BNA_F
ClientSampleId :
RBDC1-011615MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	63.8	50.6	76.0
206	16.0	12.8	19.2

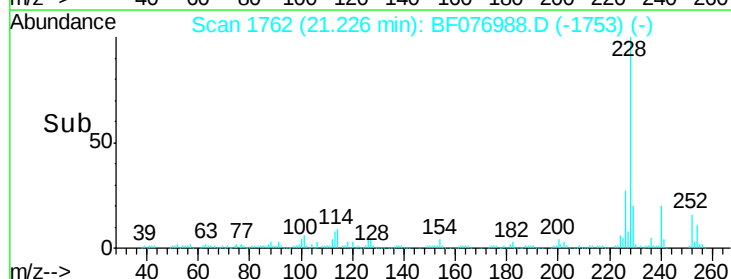
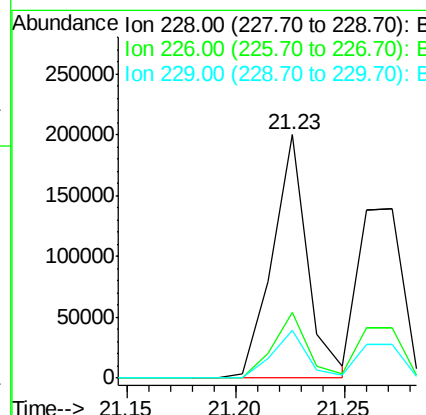
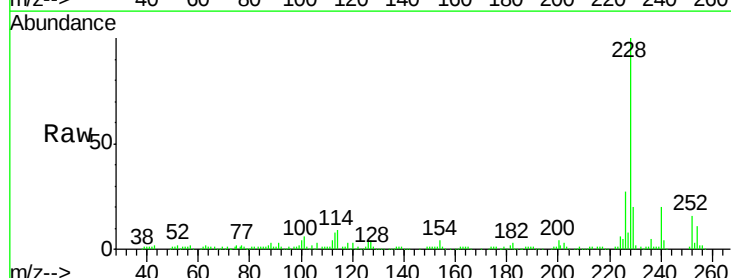
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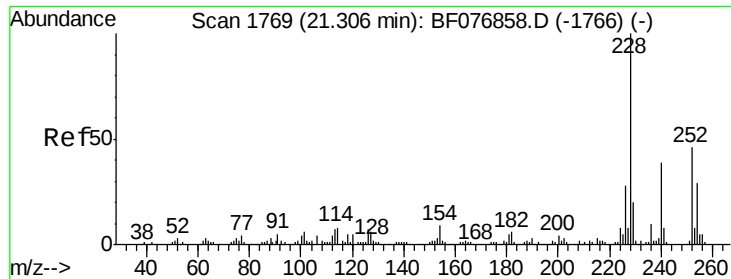
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#80
Benzo(a)anthracene
Concen: 33.35 ng
RT: 21.23 min Scan# 1762
Delta R.T. 0.00 min
Lab File: BF076988.D
Acq: 21 Jan 2015 7:05

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	27.1	22.1	33.1
229	19.6	15.5	23.3





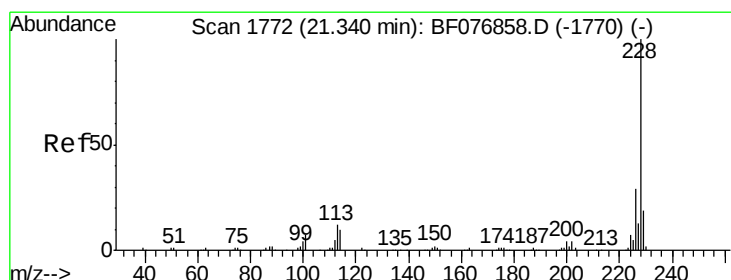
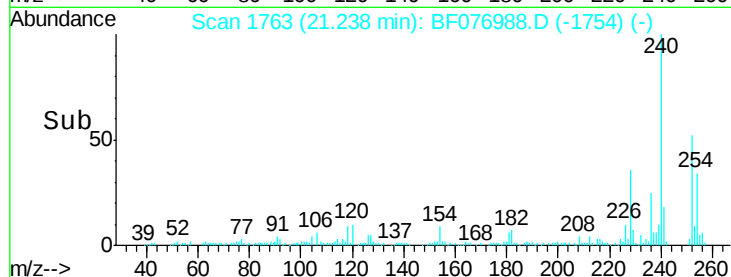
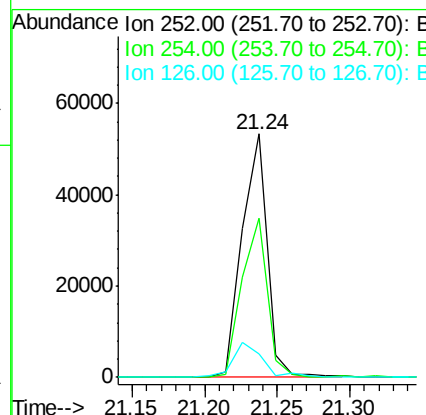
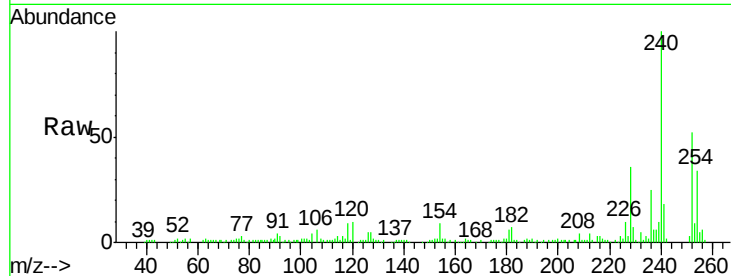
#81
 3,3'-Dichlorobenzidine
 Concen: 29.98 ng
 RT: 21.24 min Scan# 1763
 Delta R.T. 0.00 min
 Lab File: BF076988.D
 Acq: 21 Jan 2015 7:05

Instrument :
 BNA_F
 ClientSampleId :
 RBDC1-011615MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.3	50.2	75.4
126	9.4	11.5	17.3

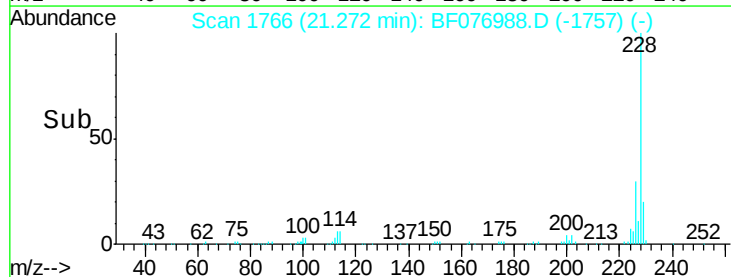
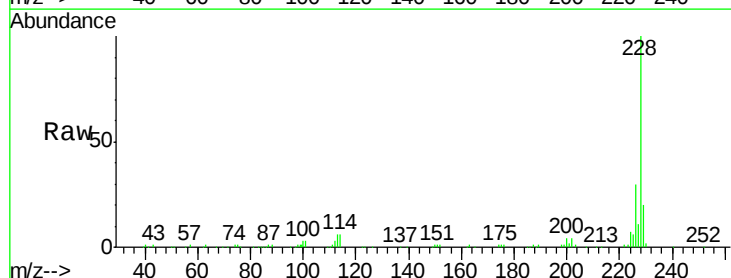
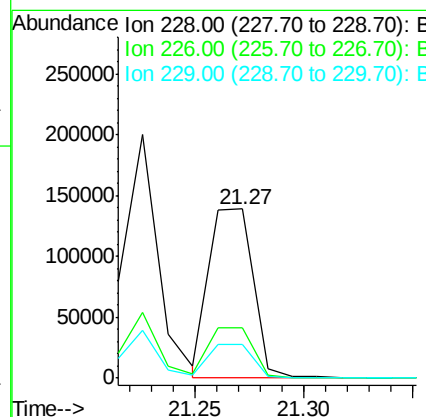
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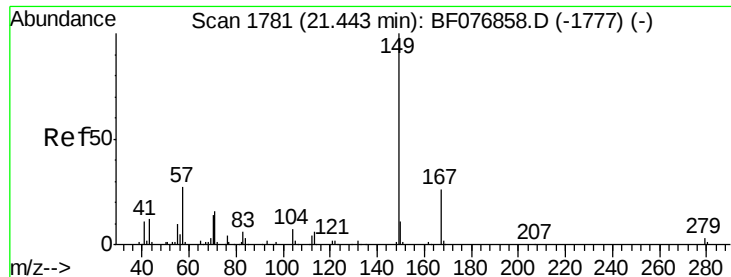
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#82
 Chrysene
 Concen: 31.67 ng
 RT: 21.27 min Scan# 1766
 Delta R.T. 0.00 min
 Lab File: BF076988.D
 Acq: 21 Jan 2015 7:05

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.4	35.0
229	19.9	15.4	23.0





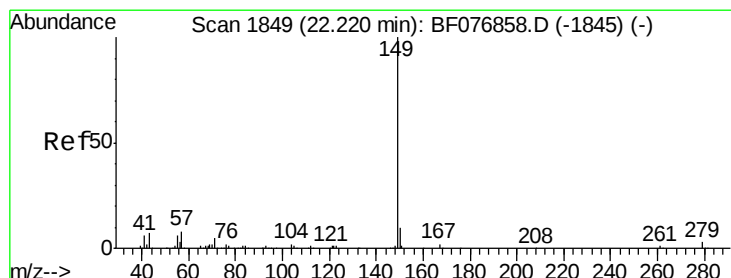
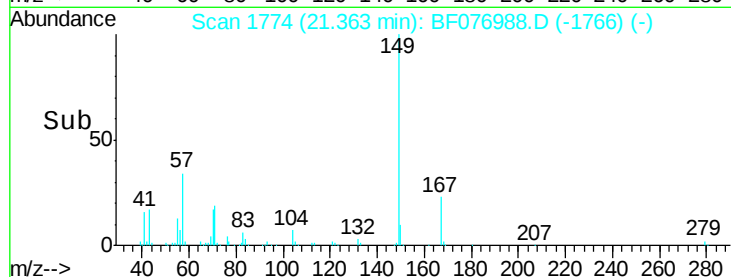
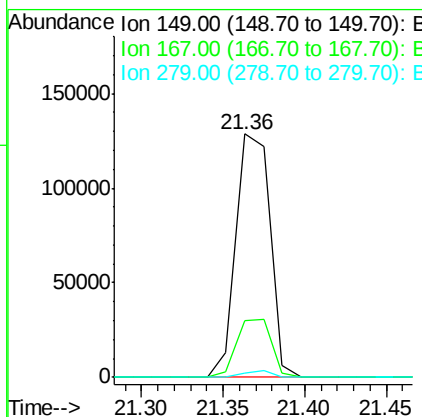
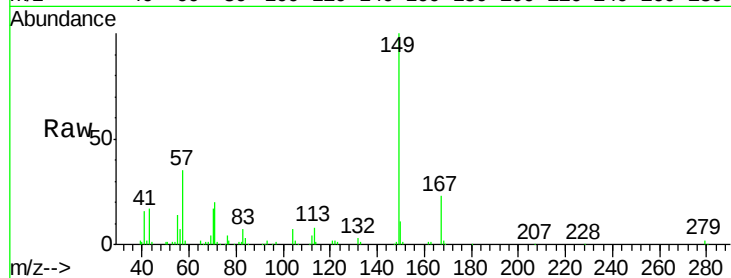
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.14 ng
 RT: 21.36 min Scan# 1774
 Delta R.T. -0.01 min
 Lab File: BF076988.D
 Acq: 21 Jan 2015 7:05

Instrument :
 BNA_F
 ClientSampleId :
 RBDC1-011615MSD

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	23.1	20.6	30.8
279	1.8	2.2	3.2#

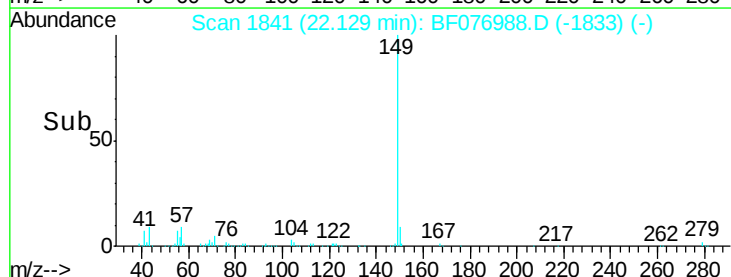
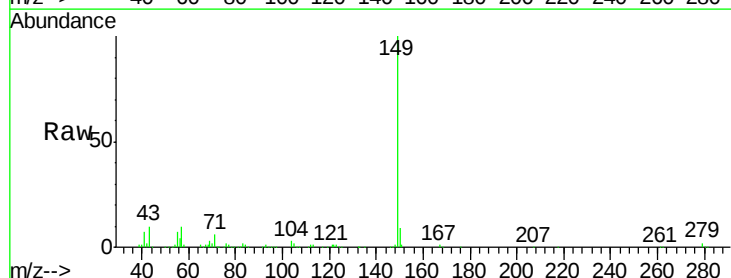
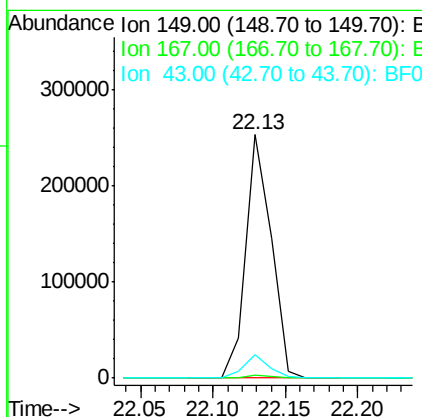
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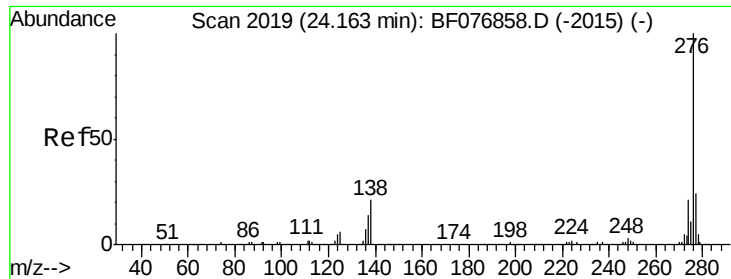
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#84
 Di-n-octyl phthalate
 Concen: 38.45 ng
 RT: 22.13 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BF076988.D
 Acq: 21 Jan 2015 7:05

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
167	1.4	1.1	1.7
43	8.9	6.6	10.0





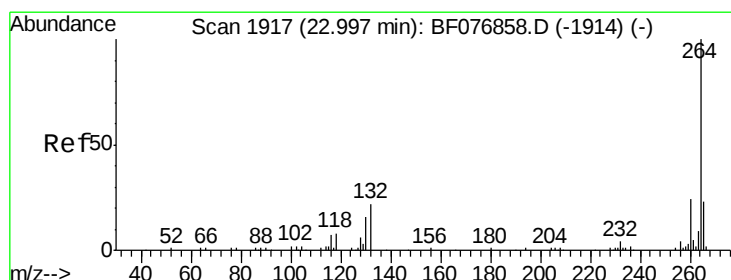
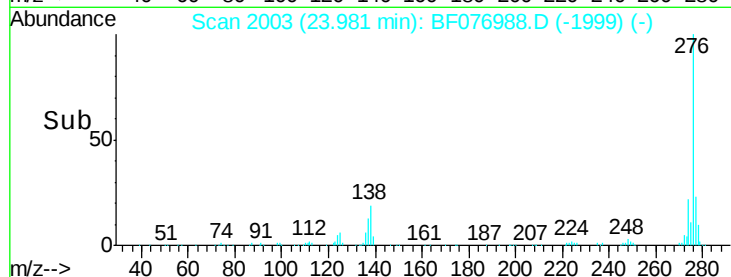
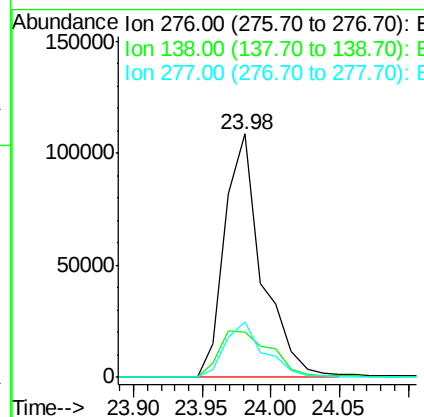
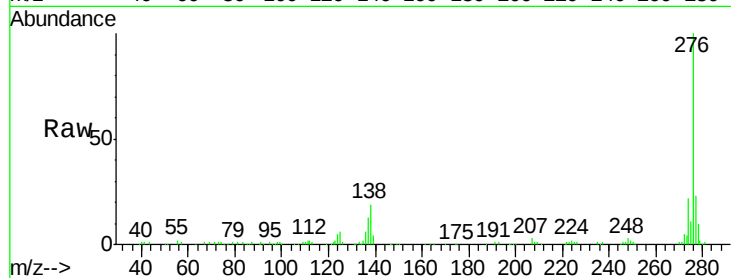
#85
Indeno(1,2,3-cd)pyrene
Concen: 31.31 ng/ml
RT: 23.98 min Scan# 2003
Delta R.T. -0.06 min
Lab File: BF076988.D
Acq: 21 Jan 2015 7:05

Instrument :
BNA_F
ClientSampleId :
RBDC1-011615MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.9	14.6	22.0#
277	22.8	14.8	22.2#

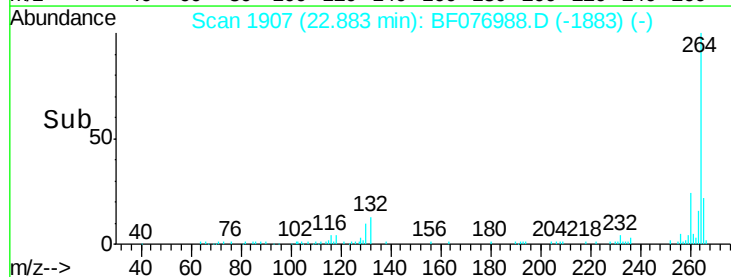
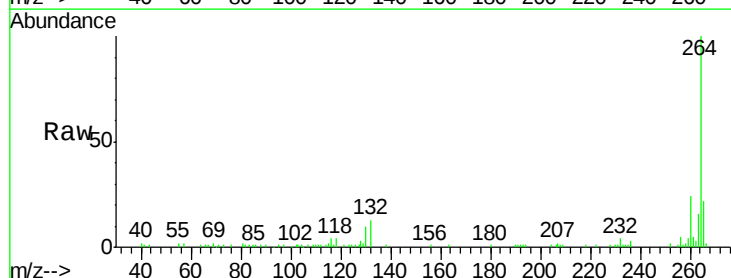
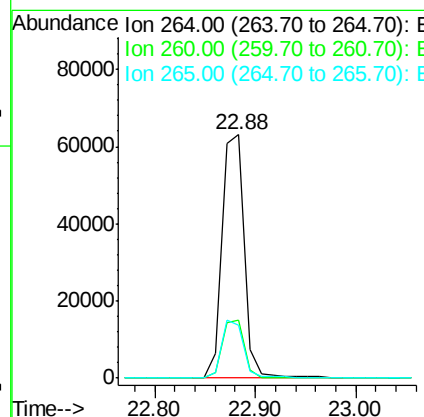
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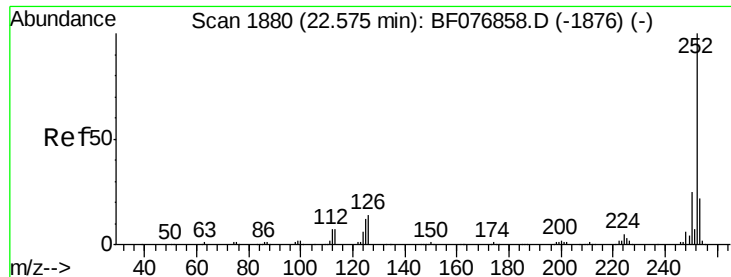
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#86
Perylene-d12
Concen: 20.00 ng
RT: 22.88 min Scan# 1907
Delta R.T. -0.02 min
Lab File: BF076988.D
Acq: 21 Jan 2015 7:05

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.0	28.4
265	21.6	18.1	27.1





#87

Benzo(b)fluoranthene

Concen: 31.17 ng

RT: 22.47 min Scan# 1871

Delta R.T. -0.01 min

Lab File: BF076988.D

Acq: 21 Jan 2015 7:05

Instrument :

BNA_F

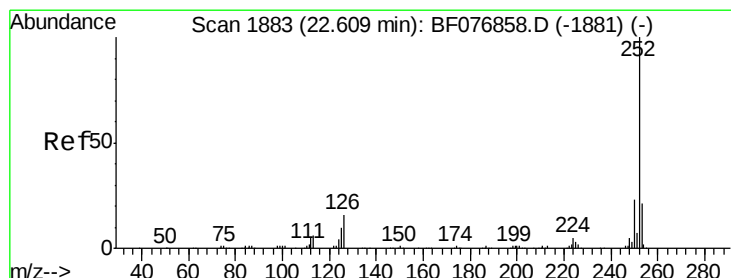
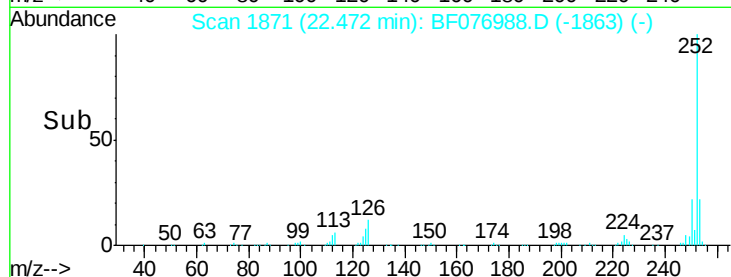
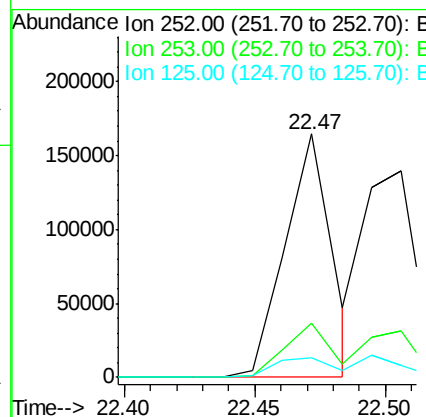
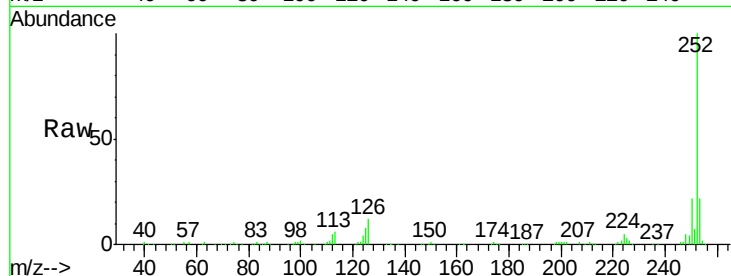
ClientSampleId :

RBDC1-011615MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	8.1	9.4	14.0#

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#88

Benzo(k)fluoranthene

Concen: 34.02 ng m

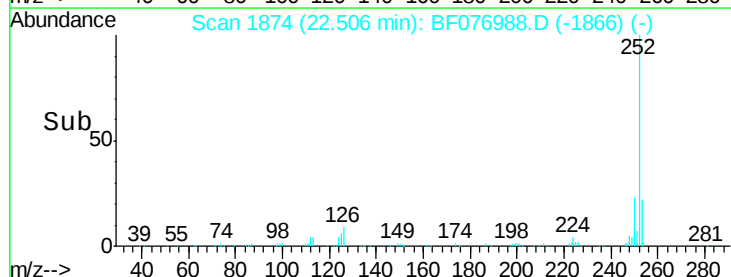
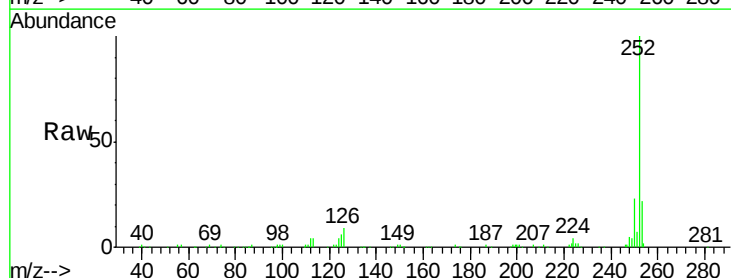
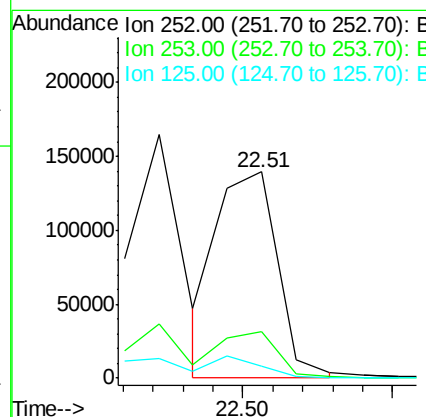
RT: 22.51 min Scan# 1874

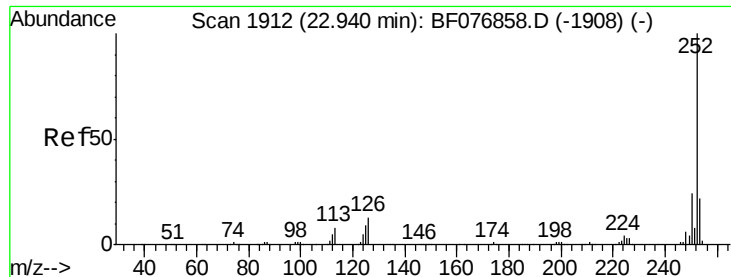
Delta R.T. -0.01 min

Lab File: BF076988.D

Acq: 21 Jan 2015 7:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.2	25.8
125	6.0	7.1	10.7#





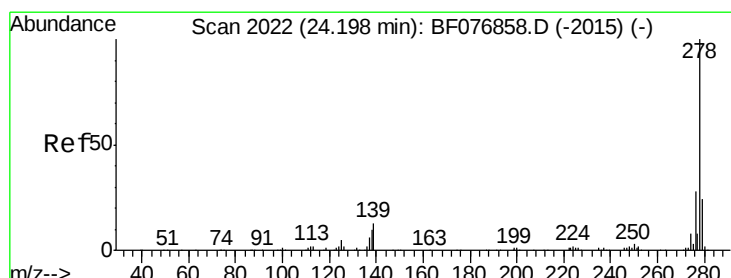
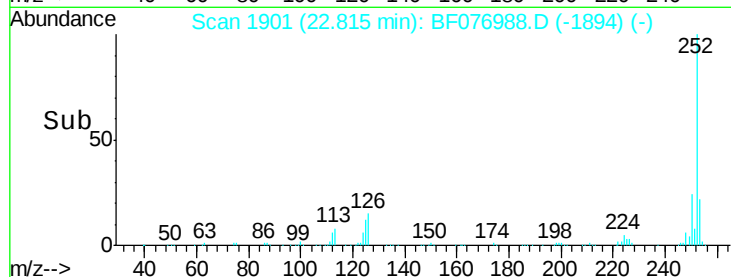
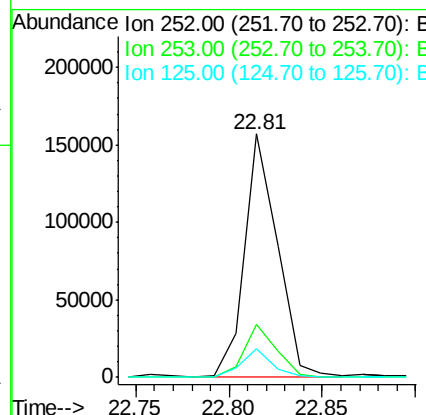
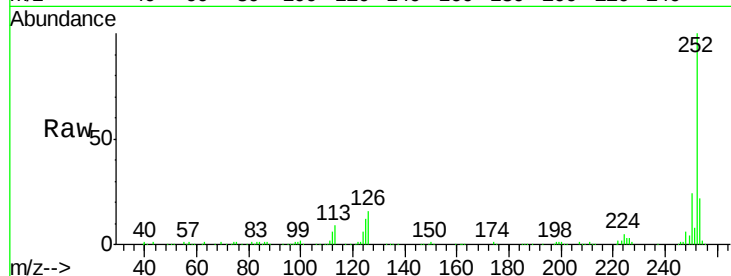
#89
Benzo(a)pyrene
Concen: 33.38 ng
RT: 22.81 min Scan# 1901
Delta R.T. -0.02 min
Lab File: BF076988.D
Acq: 21 Jan 2015 7:05

Instrument :
BNA_F
ClientSampleId :
RBDC1-011615MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.9	26.9
125	11.8	7.2	10.8

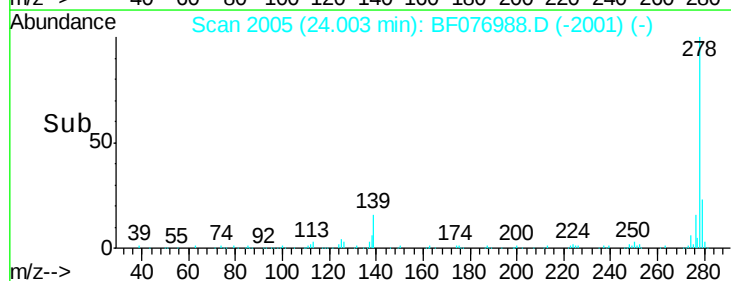
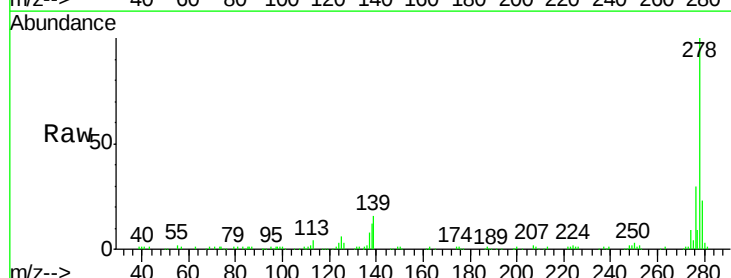
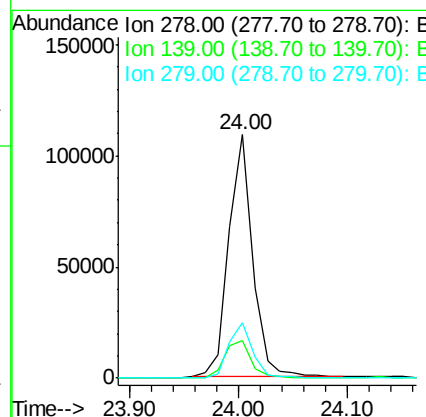
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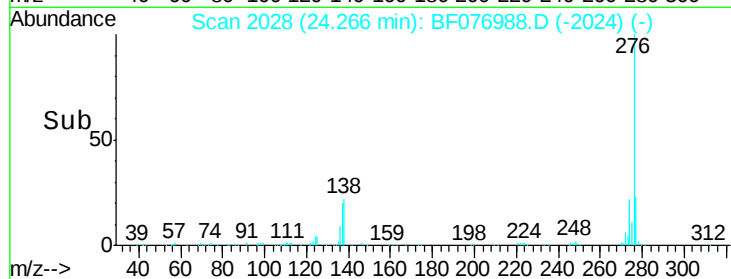
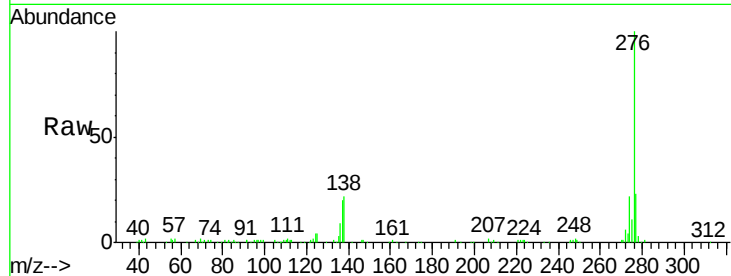
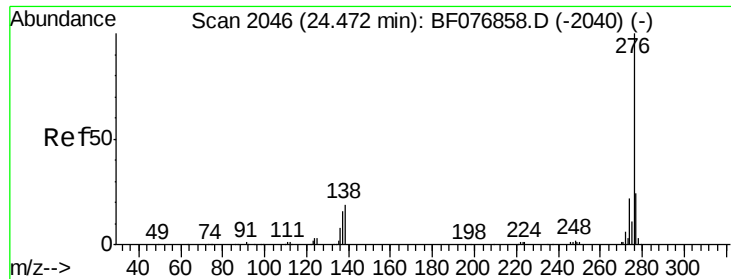
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#90
Dibenzo(a,h)anthracene
Concen: 31.65 ng
RT: 24.00 min Scan# 2005
Delta R.T. -0.06 min
Lab File: BF076988.D
Acq: 21 Jan 2015 7:05

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.5	10.5	15.7
279	23.0	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 32.57 ng
 RT: 24.27 min Scan# 2028
 Delta R.T. -0.06 min
 Lab File: BF076988.D
 Acq: 21 Jan 2015 7:05

Instrument :
 BNA_F
 ClientSampleId :
 RBDC1-011615MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.9	19.5	29.3
138	22.4	15.0	22.6

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