

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012015\
 Data File : BF076971.D
 Acq On : 20 Jan 2015 20:12
 Operator : IZ / TP
 Sample : G1110-08MSD
 Misc : W
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-48MSD

Manual Integrations
 APPROVED

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 1/21/2015 5:30:01 PM

Quant Time: Jan 21 01:12:48 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 01:04:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	28251	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	116281	20.00	ng	0.00
38) Acenaphthene-d10	14.95	164	65732	20.00	ng	0.00
63) Phenanthrene-d10	17.73	188	113232	20.00	ng	0.00
75) Chrysene-d12	21.24	240	110464	20.00	ng	0.00
86) Perylene-d12	22.87	264	97935	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.96	112	113743	66.20	ng	0.00
7) Phenol-d6	7.32	99	88451	40.81	ng	0.00
23) Nitrobenzene-d5	9.21	82	204136	97.26	ng	0.00
41) 2,4,6-Tribromophenol	16.63	330	82699	154.99	ng	0.00
44) 2-Fluorobiphenyl	13.48	172	433258	100.31	ng	0.00
78) Terphenyl-d14	19.97	244	423422	88.25	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.25	88	11890	16.16	ng	# 88
3) Pyridine	1.76	79	18994	9.98	ng	90
4) n-Nitrosodimethylamine	1.68	42	17575	18.64	ng	# 91
6) Aniline	7.20	93	39025	13.01	ng	96
8) 2-Chlorophenol	7.44	128	72733	36.72	ng	96
9) Benzaldehyde	6.92	77	24253	17.53	ng	96
10) Phenol	7.34	94	31954	13.88	ng	95
11) bis(2-Chloroethyl)ether	7.44	93	90467	50.23	ng	87
12) 1,3-Dichlorobenzene	7.75	146	91965	40.81	ng	99
13) 1,4-Dichlorobenzene	7.94	146	93535	39.14	ng	99
14) 1,2-Dichlorobenzene	8.26	146	91732	41.66	ng	99
15) Benzyl Alcohol	8.34	79	46594	26.56	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.70	45	113123	46.73	ng	86
17) 2-Methylphenol	8.70	107	48866	30.19	ng	# 91
18) Hexachloroethane	9.01	117	34061	40.98	ng	97
19) n-Nitroso-di-n-propylamine	8.97	70	70361	46.37	ng	99
20) 3+4-Methylphenols	9.08	107	55187	25.75	ng	96
22) Acetophenone	8.89	105	143932	50.54	ng	99
24) Nitrobenzene	9.25	77	103453	48.38	ng	96
25) Isophorone	9.85	82	184046	48.15	ng	97
26) 2-Nitrophenol	9.99	139	48291	44.25	ng	91
27) 2,4-Dimethylphenol	10.28	122	70479	42.63	ng	94
28) bis(2-Chloroethoxy)methane	10.48	93	111665	51.40	ng	99
29) 2,4-Dichlorophenol	10.60	162	73260	47.54	ng	93
30) 1,2,4-Trichlorobenzene	10.73	180	82571	48.24	ng	96
31) Naphthalene	10.87	128	273623	45.71	ng	98
32) Benzoic acid	10.57	122	14680	16.03	ng	# 85
33) 4-Chloroaniline	11.11	127	36864	15.24	ng	97
34) Hexachlorobutadiene	11.24	225	43908	43.23	ng	98
35) Caprolactam	11.96	113	2049	4.52	ng	# 87
36) 4-Chloro-3-methylphenol	12.40	107	74931	42.47	ng	96
37) 2-Methylnaphthalene	12.53	142	202614	49.56	ng	92
39) 1,2,4,5-Tetrachlorobenzene	12.93	216	77436	47.65	ng	97
40) Hexachlorocyclopentadiene	12.92	237	77317	87.90	ng	97

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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	53196	44.93	nq	95
43) 2,4,5-Trichlorophenol	13.35	196	54836	45.41	nq	94
45) 1,1'-Biphenyl	13.67	154	240792	49.41	nq	97
46) 2-Chloronaphthalene	13.65	162	188225	46.94	nq	99
47) 2-Nitroaniline	13.99	65	59960	49.29	nq	94
48) Acenaphthylene	14.60	152	311993	46.13	nq	100
49) Dimethylphthalate	14.55	163	235095	50.43	nq	98
50) 2,6-Dinitrotoluene	14.64	165	46231	49.64	nq	91
51) Acenaphthene	15.03	154	175102	45.63	nq	99
52) 3-Nitroaniline	14.99	138	23594	20.48	nq	90
53) 2,4-Dinitrophenol	15.27	184	40477	90.76	nq	97
54) Dibenzofuran	15.45	168	275904	49.35	nq	98
55) 4-Nitrophenol	15.59	139	25825	35.34	nq	88
56) 2,4-Dinitrotoluene	15.58	165	67985	48.66	nq	# 95
57) Fluorene	16.17	166	225885	47.69	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.79	232	42880	48.76	nq	96
59) Diethylphthalate	16.17	149	240306	51.01	nq	97
60) 4-Chlorophenyl-phenylether	16.27	204	96865	49.99	nq	94
61) 4-Nitroaniline	16.31	138	48384	41.42	nq	95
62) Azobenzene	16.55	77	243036	49.51	nq	98
64) 4,6-Dinitro-2-methylphenol	16.39	198	32044	44.31	nq	97
65) n-Nitrosodiphenylamine	16.51	169	185721	46.00	nq	98
66) 4-Bromophenyl-phenylether	17.11	248	54613	47.61	nq	90
67) Hexachlorobenzene	17.12	284	56646	46.86	nq	92
68) Atrazine	17.48	200	67337	54.96	nq	96
69) Pentachlorophenol	17.49	266	53534	95.11	nq	95
70) Phenanthrene	17.77	178	330662	46.83	nq	97
71) Anthracene	17.84	178	325929	47.33	nq	99
72) Carbazole	18.13	167	316310	47.36	nq	99
73) Di-n-butylphthalate	18.72	149	391730	50.67	nq	100
74) Fluoranthene	19.41	202	345862	47.80	nq	99
76) Benzidine	19.65	184	32331	9.15	nq	# 95
77) Pyrene	19.69	202	359445	47.48	nq	99
79) Butylbenzylphthalate	20.62	149	179738	52.42	nq	# 82
80) Benzo(a)anthracene	21.23	228	329969	47.61	nq	98
81) 3,3'-Dichlorobenzidine	21.23	252	64575	29.32	nq	99
82) Chrysene	21.26	228	311426	49.27	nq	100
83) Bis(2-ethylhexyl)phthalate	21.36	149	264585	55.77	nq	# 97
84) Di-n-octyl phthalate	22.13	149	458273	55.66	nq	99
85) Indeno(1,2,3-cd)pyrene	23.97	276	287828	42.97	nq	# 84
87) Benzo(b)fluoranthene	22.47	252	324587	49.21	nq	# 95
88) Benzo(k)fluoranthene	22.49	252	254881m	44.23	nq	
89) Benzo(a)pyrene	22.81	252	284325	48.87	nq	99
90) Dibenzo(a,h)anthracene	23.99	278	234818	43.99	nq	# 97
91) Benzo(g,h,i)perylene	24.25	276	239154	45.06	nq	96

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



#1

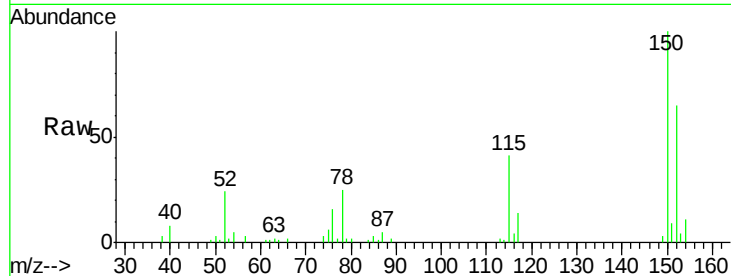
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.91 min Scan# 597
Delta R.T. 0.00 min
Lab File: BF076971.D
Acq: 20 Jan 2015 20:12

Instrument :
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MW-48MSD

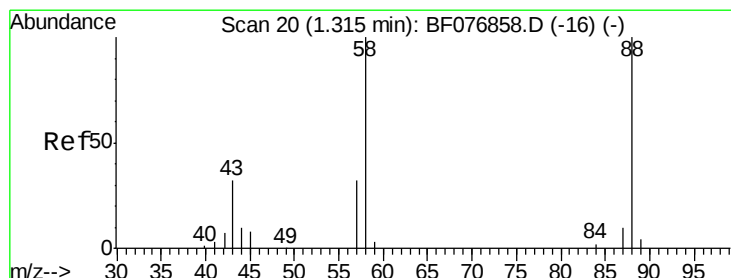
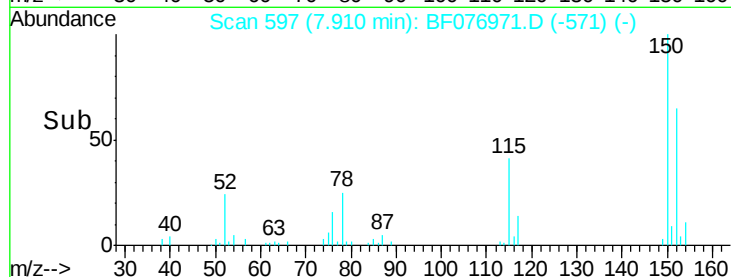
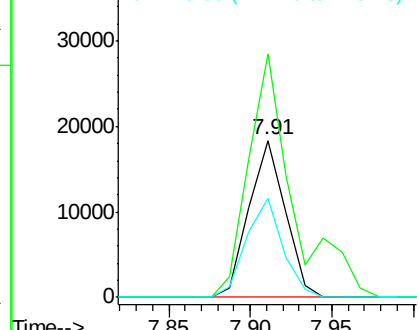
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	121.7	182.5
115	62.9	47.0	70.6

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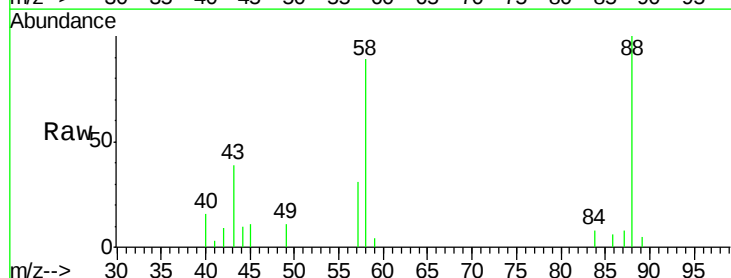
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



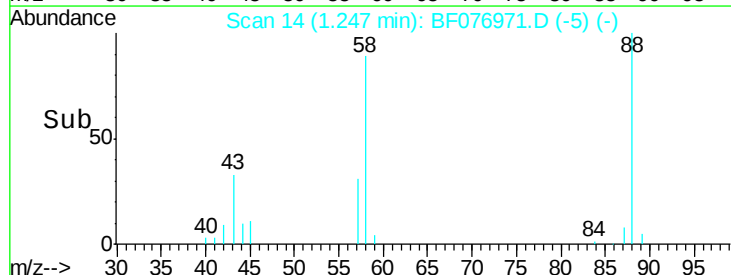
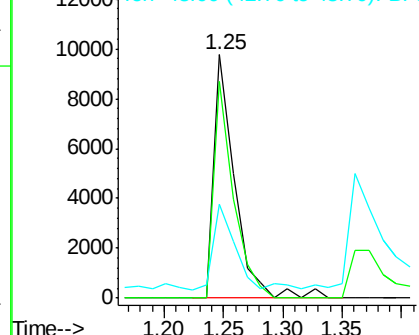
#2

1,4-Dioxane
Concen: 16.16 ng
RT: 1.25 min Scan# 14
Delta R.T. 0.00 min
Lab File: BF076971.D
Acq: 20 Jan 2015 20:12

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.9	77.0	115.4
43	38.5	25.6	38.4#



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





#3

Pvridine

Concen: 9.98 ng

RT: 1.76 min Scan# 59

Delta R.T. 0.00 min

Lab File: BF076971.D

Acq: 20 Jan 2015 20:12

Instrument :

BNA_F

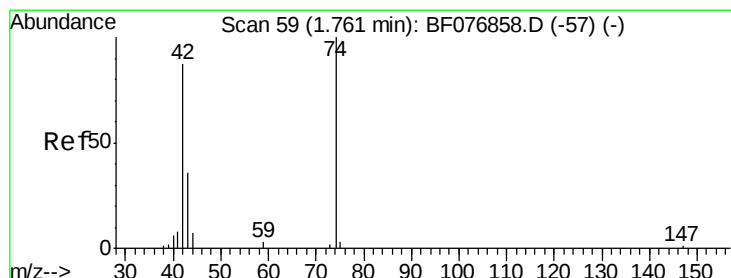
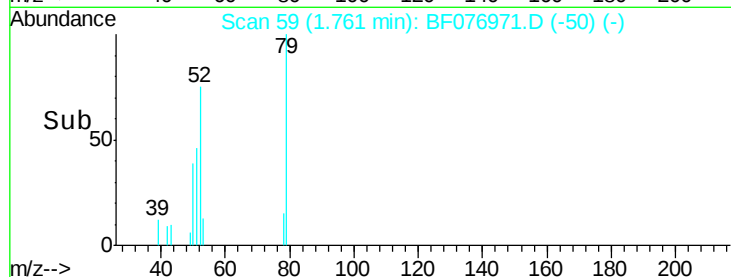
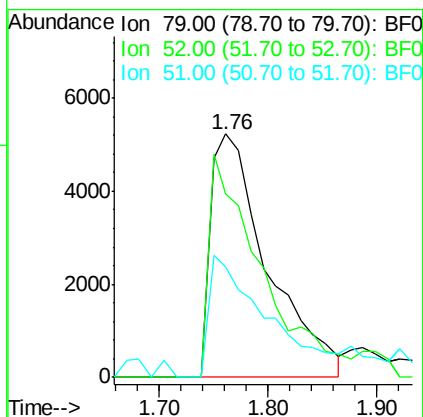
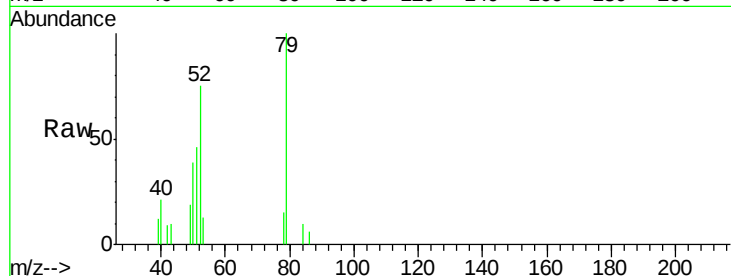
ClientSampleId :

MW-48MSD

Tot Ion:	79	Resp:	18994
Ion Ratio	Lower	Upper	
79	100		
52	75.3	70.1	105.1
51	45.5	35.1	52.7

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#4

n-Nitrosodimethylamine

Concen: 18.64 ng

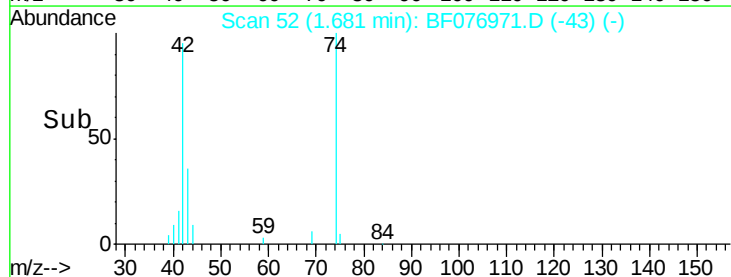
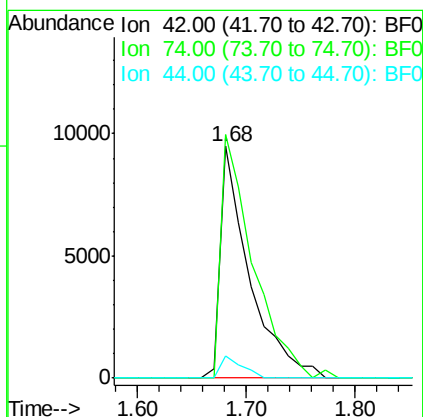
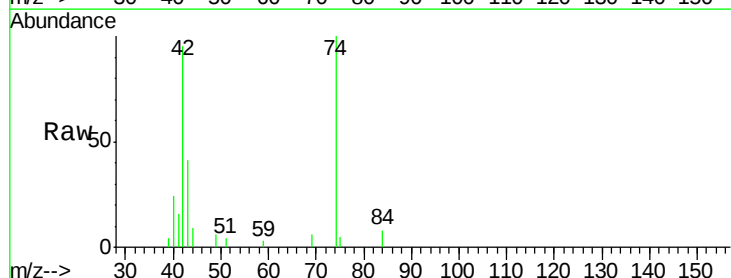
RT: 1.68 min Scan# 52

Delta R.T. 0.00 min

Lab File: BF076971.D

Acq: 20 Jan 2015 20:12

Tgt Ion:	42	Resp:	17575
Ion Ratio	Lower	Upper	
42	100		
74	105.0	92.4	138.6
44	9.6	6.2	9.2#





#5

2-Fluorophenol

Concen: 66.20 ng

RT: 4.96 min Scan# 339

Delta R.T. 0.00 min

Lab File: BF076971.D

Acq: 20 Jan 2015 20:12

Instrument :

BNA_F

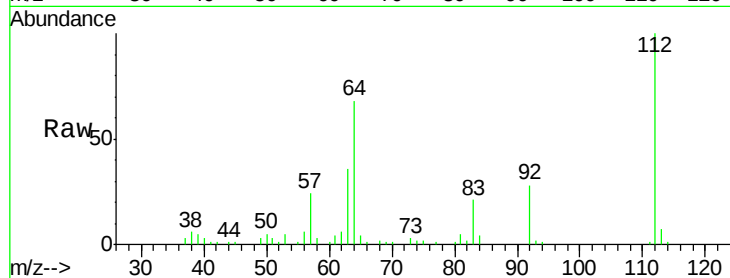
ClientSampleId :

MW-48MSD

Tot Ion:	112	Resp:	113743
Ion Ratio	Lower	Upper	
112	100		
64	67.7	54.2	81.4
63	35.8	28.4	42.6

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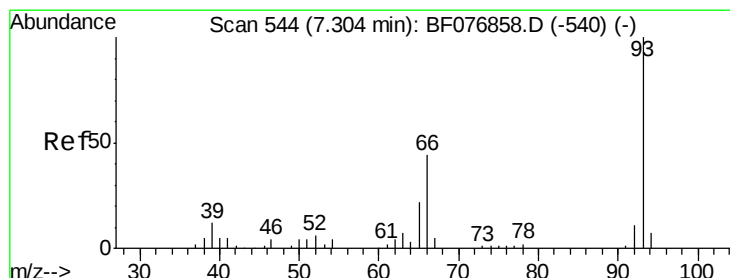
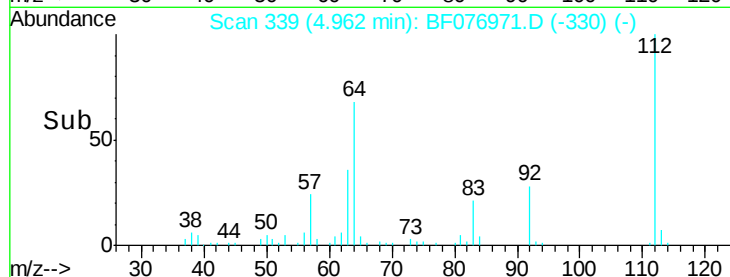
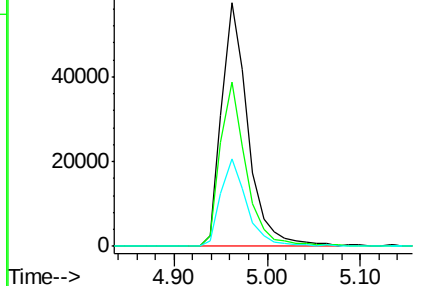
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 13.01 ng

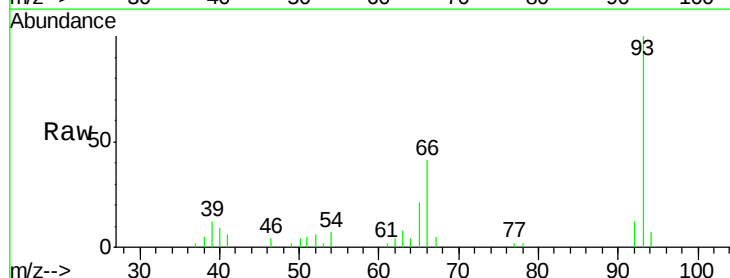
RT: 7.20 min Scan# 535

Delta R.T. 0.00 min

Lab File: BF076971.D

Acq: 20 Jan 2015 20:12

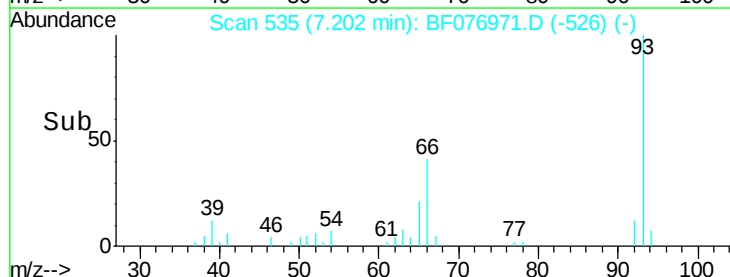
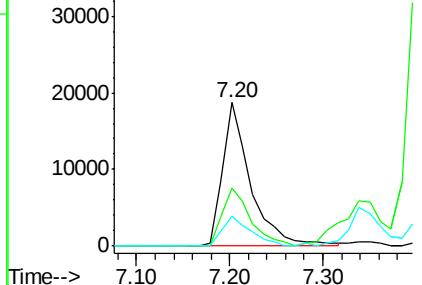
Tgt Ion:	93	Resp:	39025
Ion Ratio	Lower	Upper	
93	100		
66	40.9	35.0	52.4
65	20.7	17.7	26.5



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 40.81 ng

RT: 7.32 min Scan# 545

Delta R.T. 0.00 min

Lab File: BF076971.D

Acq: 20 Jan 2015 20:12

Instrument :

BNA_F

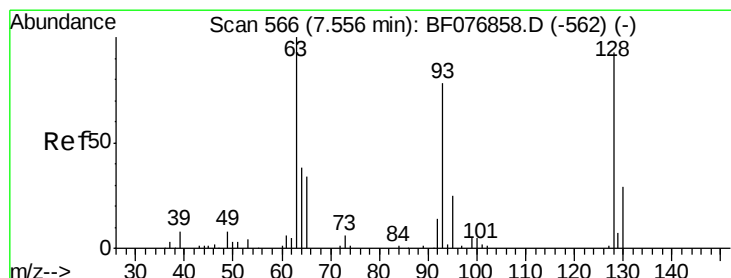
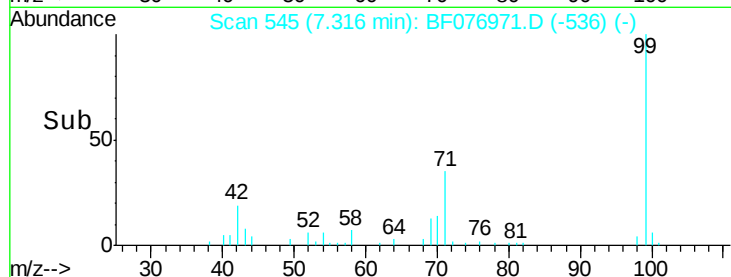
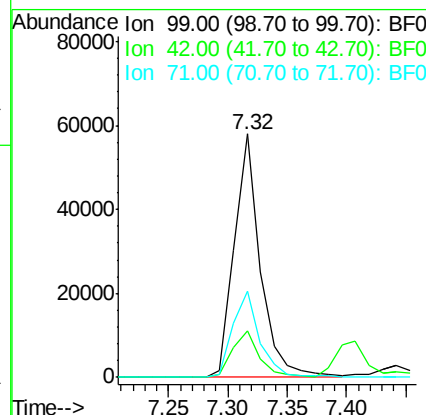
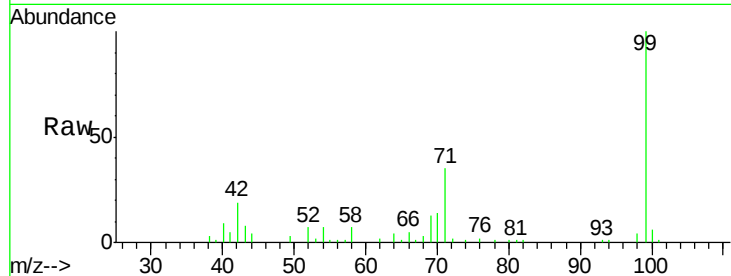
ClientSampleId :

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Tot Ion:	99	Resp:	88451
Ion Ratio	Lower	Upper	
99	100		
42	18.9	15.0	22.4
71	35.3	30.5	45.7

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#8

2-Chlorophenol

Concen: 36.72 ng

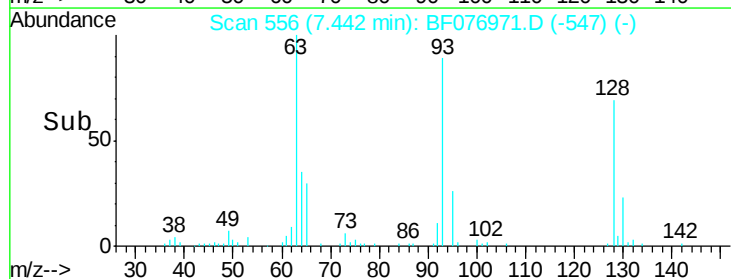
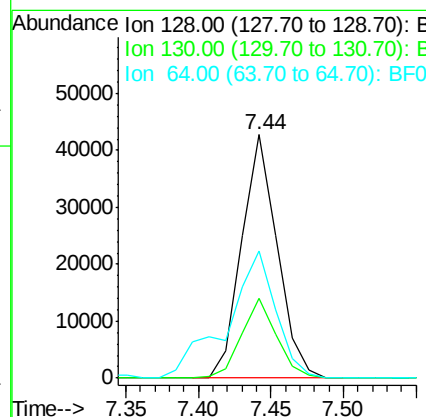
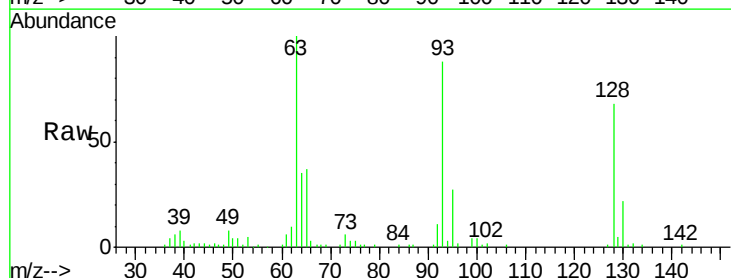
RT: 7.44 min Scan# 556

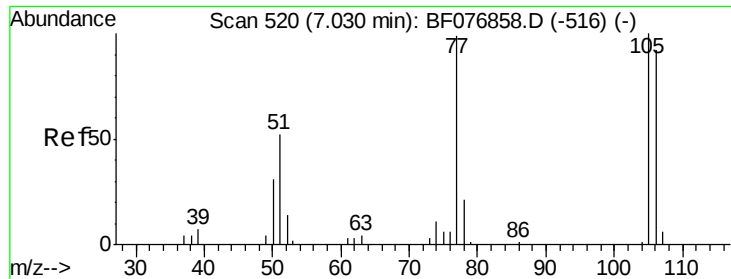
Delta R.T. 0.00 min

Lab File: BF076971.D

Acq: 20 Jan 2015 20:12

Tgt Ion:	128	Resp:	72733
Ion Ratio	Lower	Upper	
128	100		
130	32.9	11.0	51.0
64	52.2	29.3	69.3





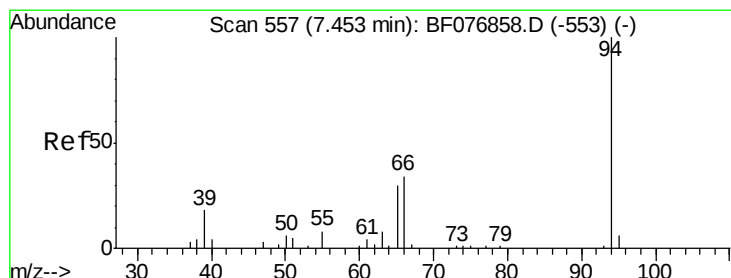
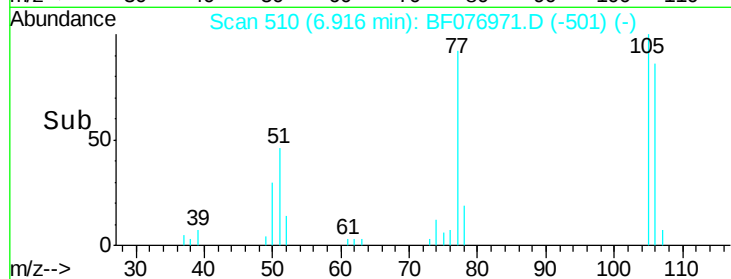
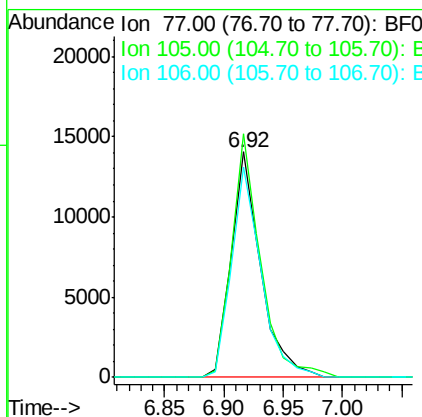
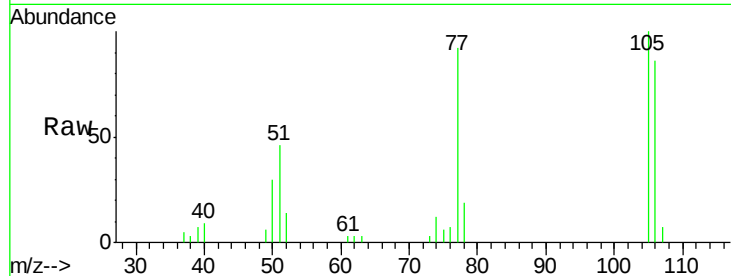
#9
Benzaldehyde
Concen: 17.53 ng
RT: 6.92 min Scan# 510
Delta R.T. 0.00 min
Lab File: BF076971.D
Acq: 20 Jan 2015 20:12

Instrument :
BNA_F
ClientSampleId :
MW-48MSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	108.1	81.4	121.4
106	93.1	72.8	112.8

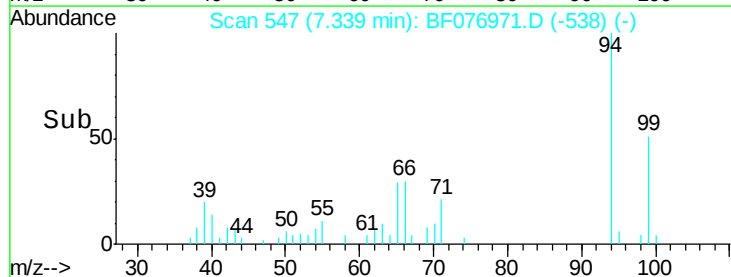
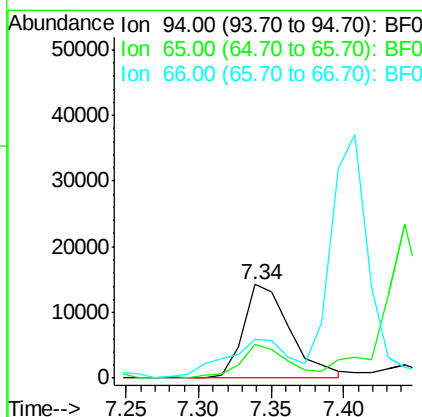
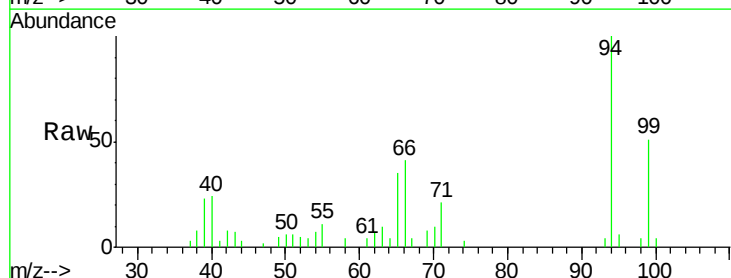
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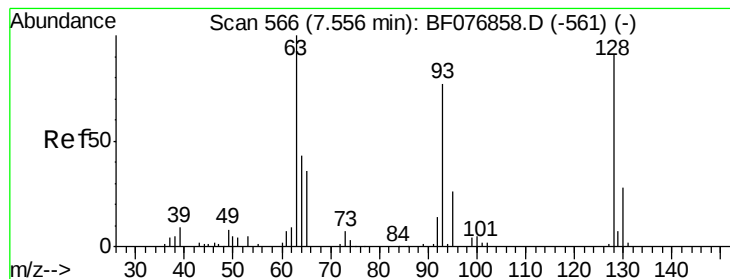
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#10
Phenol
Concen: 13.88 ng
RT: 7.34 min Scan# 547
Delta R.T. 0.00 min
Lab File: BF076971.D
Acq: 20 Jan 2015 20:12

Tgt Ion	Ratio	Lower	Upper
94	100		
65	35.4	11.3	51.3
66	41.1	19.5	59.5





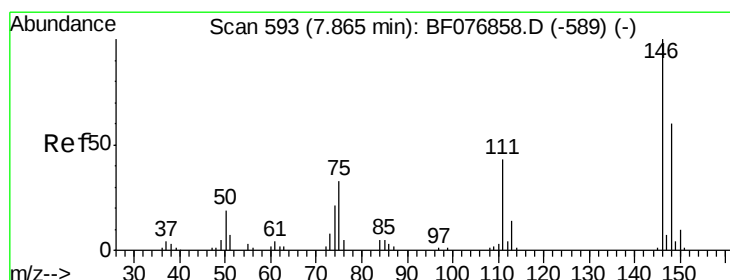
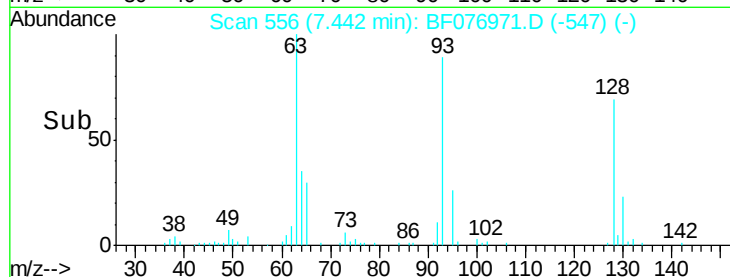
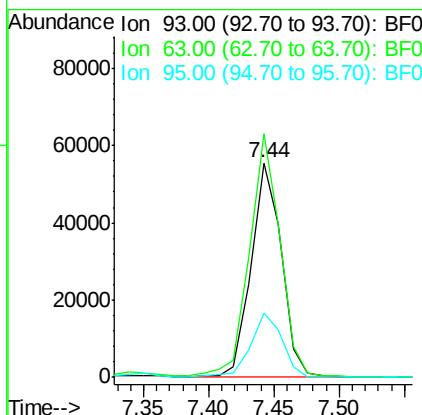
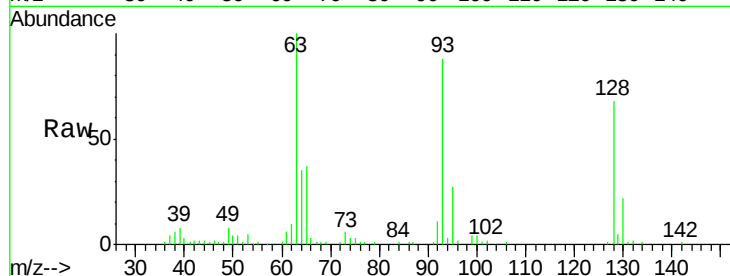
#11
bis(2-Chloroethyl)ether
Concen: 50.23 ng
RT: 7.44 min Scan# 556
Delta R.T. 0.00 min
Lab File: BF076971.D
Acq: 20 Jan 2015 20:12

Instrument :
BNA_F
ClientSampleId :
MW-48MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	113.3	111.3	151.3
95	30.2	13.8	53.8

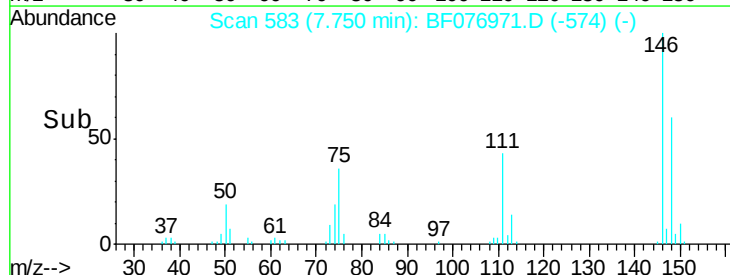
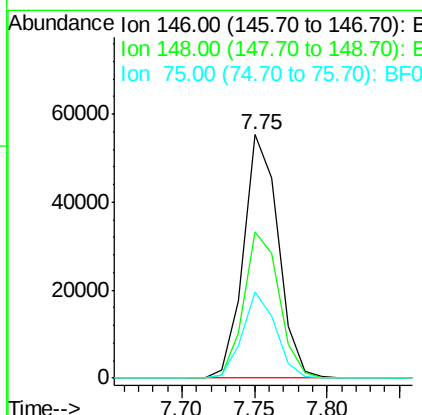
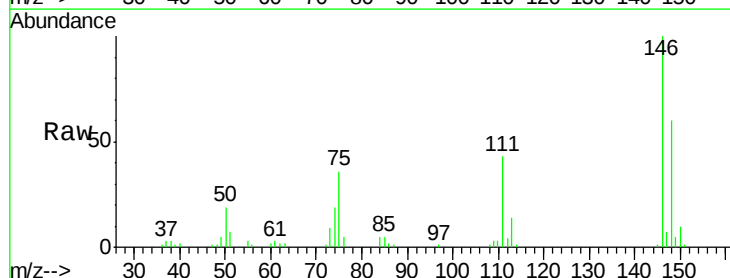
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#12
1,3-Dichlorobenzene
Concen: 40.81 ng
RT: 7.75 min Scan# 583
Delta R.T. 0.00 min
Lab File: BF076971.D
Acq: 20 Jan 2015 20:12

Tgt Ion	Ratio	Lower	Upper
146	100		
148	60.2	48.1	72.1
75	35.6	26.8	40.2





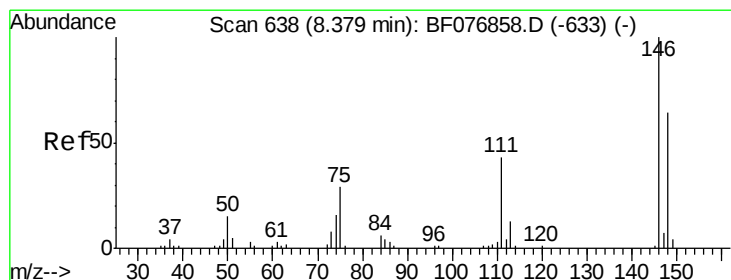
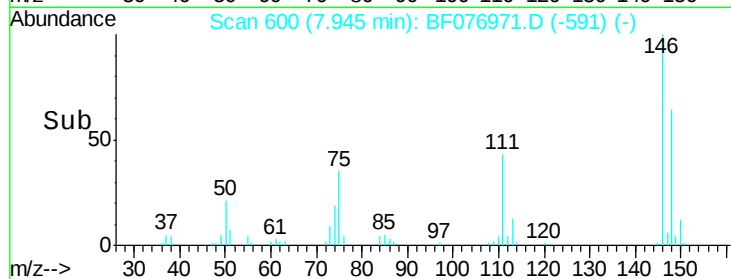
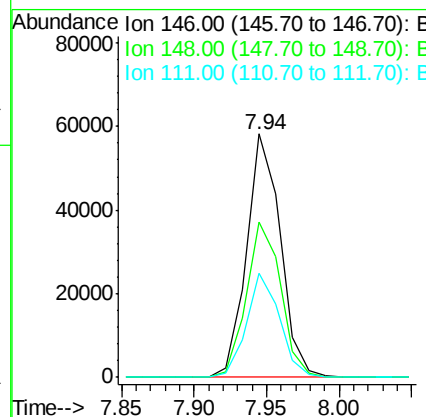
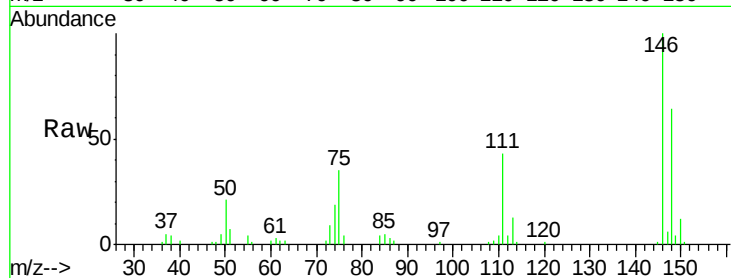
#13
 1,4-Dichlorobenzene
 Concen: 39.14 ng
 RT: 7.94 min Scan# 600
 Delta R.T. 0.00 min
 Lab File: BF076971.D
 Acq: 20 Jan 2015 20:12

Instrument :
 BNA_F
 ClientSampleId :
 MW-48MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.5	77.3
111	42.9	33.9	50.9

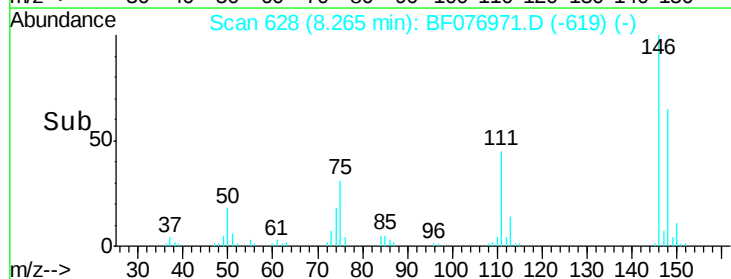
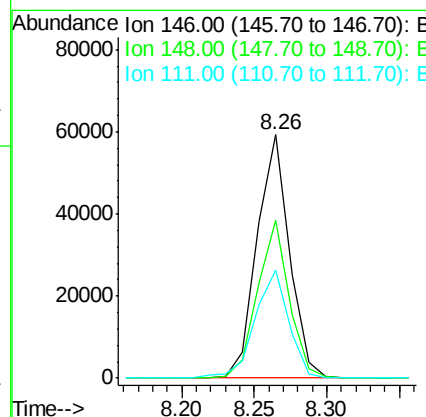
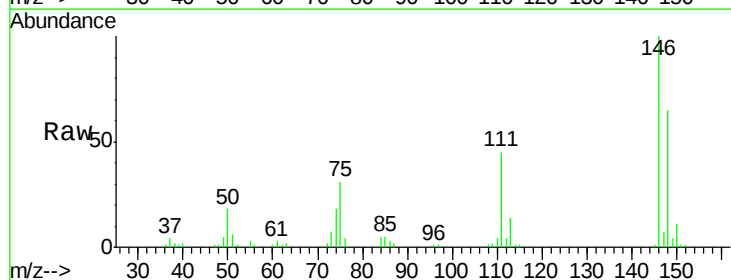
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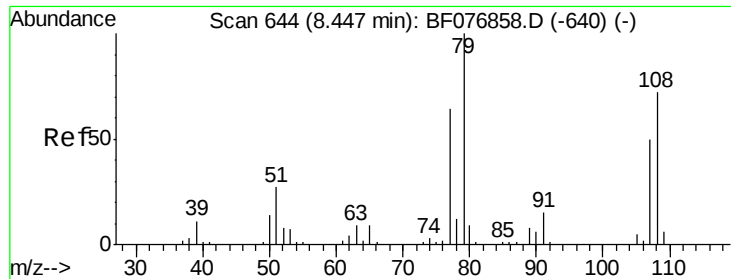
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#14
 1,2-Dichlorobenzene
 Concen: 41.66 ng
 RT: 8.26 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF076971.D
 Acq: 20 Jan 2015 20:12

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.3	76.9
111	44.5	34.5	51.7





#15

Benzyl Alcohol

Concen: 26.56 ng

RT: 8.34 min Scan# 635

Delta R.T. 0.00 min

Lab File: BF076971.D

Acq: 20 Jan 2015 20:12

Instrument :

BNA_F

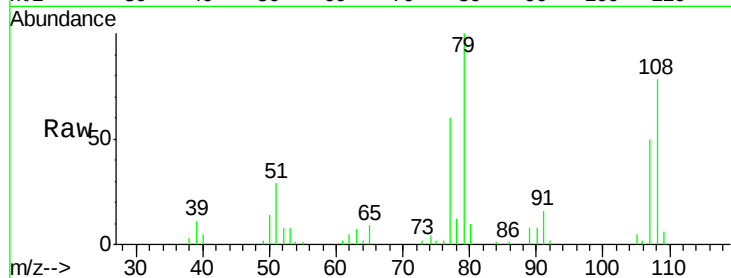
ClientSampleId :

MW-48MSD

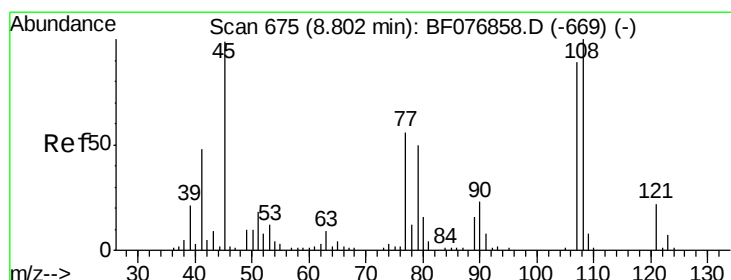
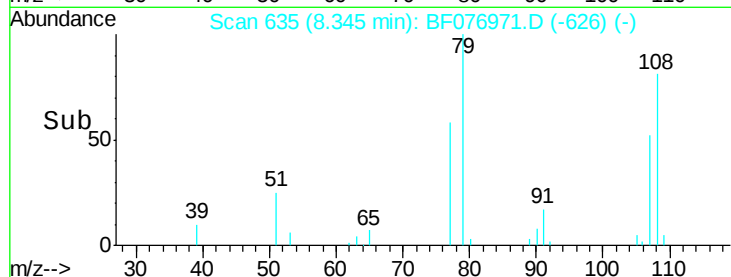
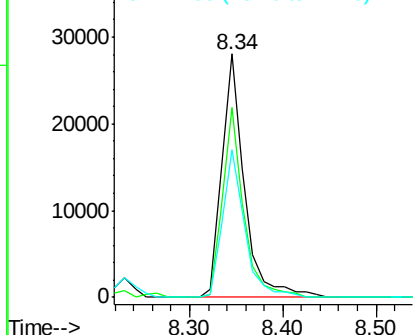
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Tot Ion:	79	Resp:	46594
Ion Ratio	Lower	Upper	
79	100		
108	77.7	57.2	85.8
77	60.4	51.2	76.8



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: 46.73 ng

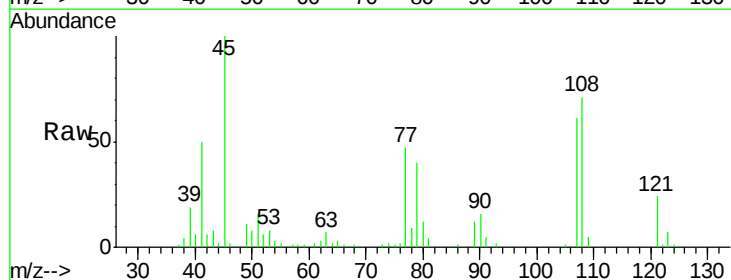
RT: 8.70 min Scan# 666

Delta R.T. 0.00 min

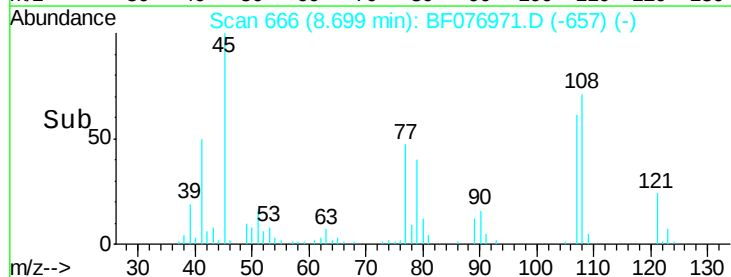
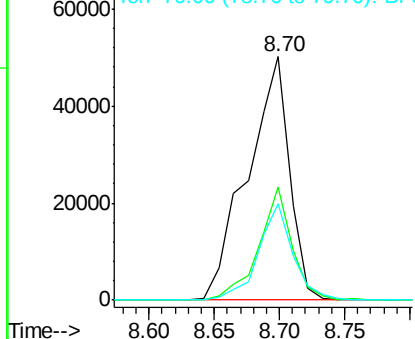
Lab File: BF076971.D

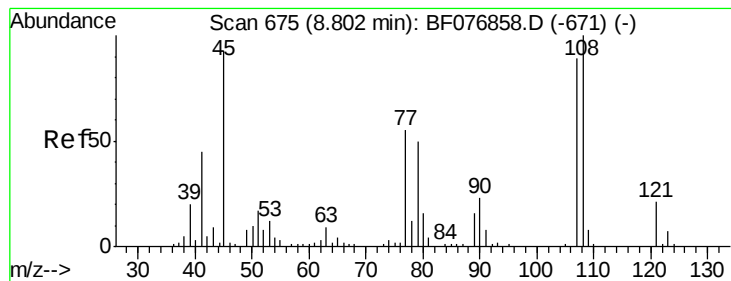
Acq: 20 Jan 2015 20:12

Tgt Ion:	45	Resp:	113123
Ion Ratio	Lower	Upper	
45	100		
77	46.5	36.1	76.1
79	39.8	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





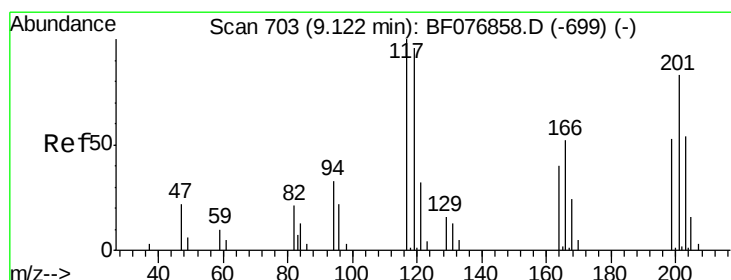
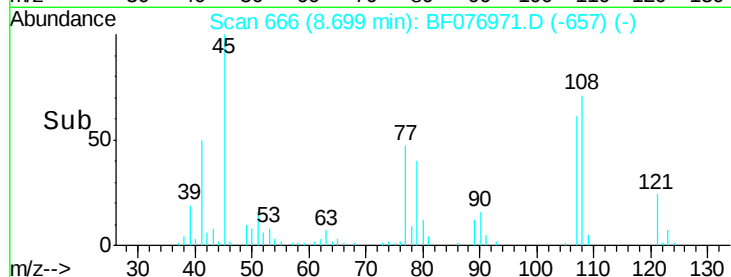
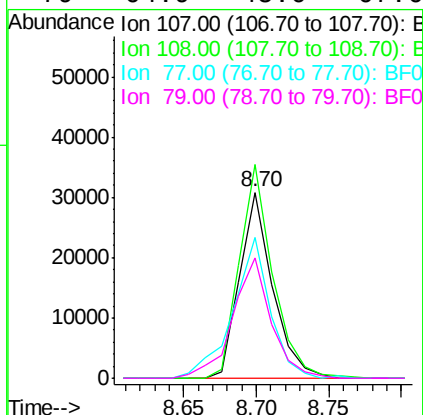
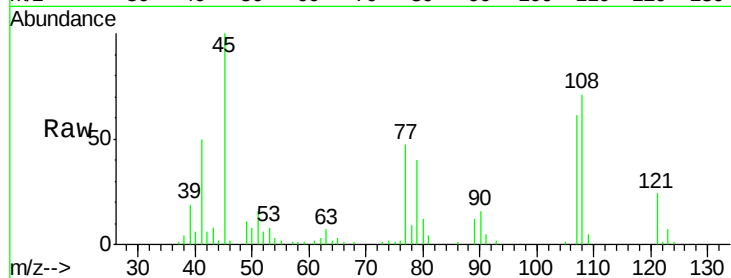
#17
2-Methylphenol
Concen: 30.19 ng
RT: 8.70 min Scan# 666
Delta R.T. 0.00 min
Lab File: BF076971.D
Acq: 20 Jan 2015 20:12

Instrument :
BNA_F
ClientSampleId :
MW-48MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.9	89.7	134.5	
77	75.8	50.1	75.1#	
79	64.9	45.0	67.6	

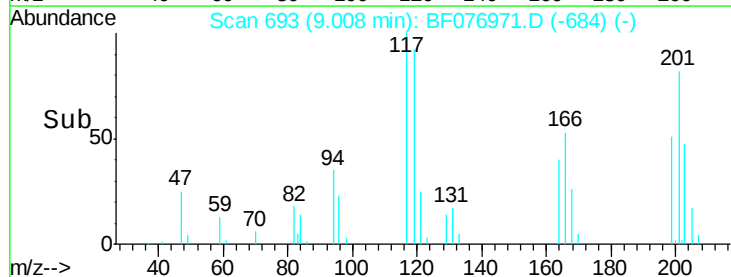
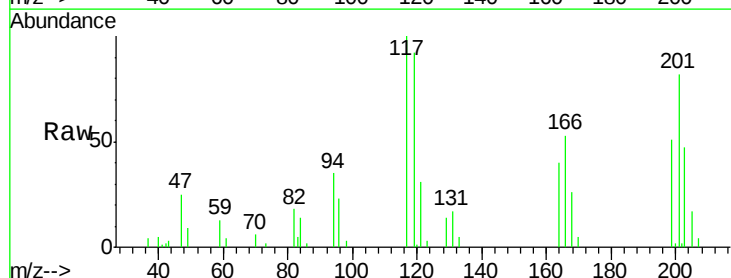
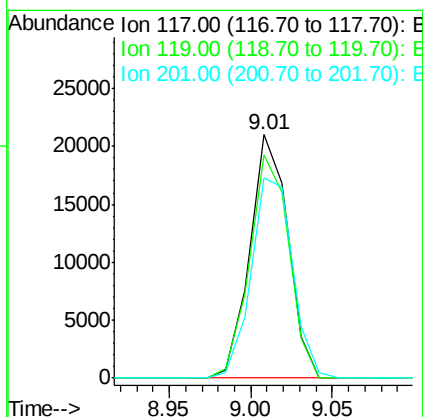
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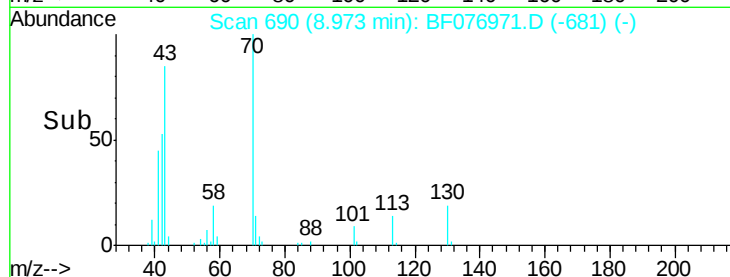
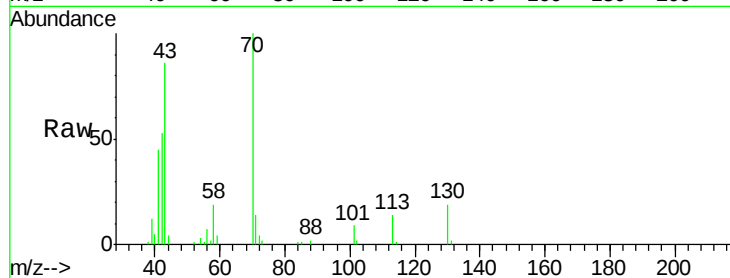
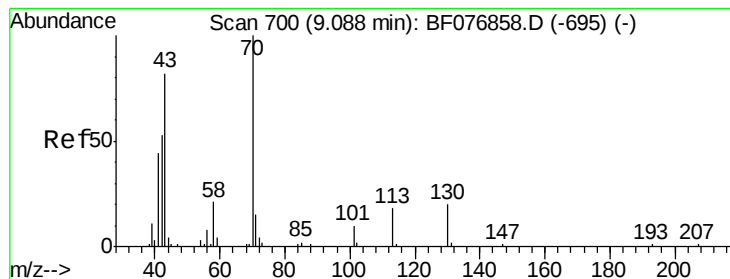
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#18
Hexachloroethane
Concen: 40.98 ng
RT: 9.01 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF076971.D
Acq: 20 Jan 2015 20:12

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	91.8	77.1	115.7	
201	82.1	66.8	100.2	





#19

n-Nitroso-di-n-propylamine

Concen: 46.37 ng

RT: 8.97 min Scan# 690

Delta R.T. 0.00 min

Lab File: BF076971.D

Acq: 20 Jan 2015 20:12

Instrument :

BNA_F

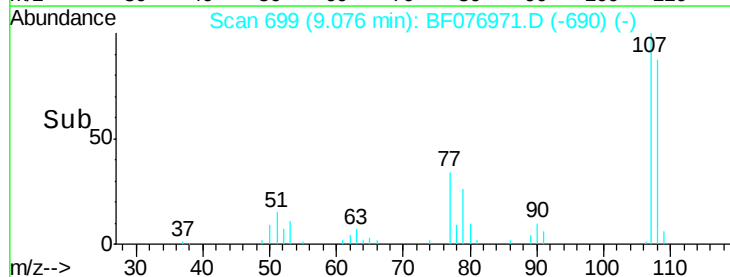
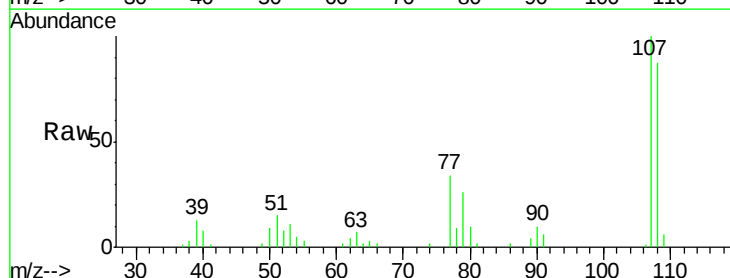
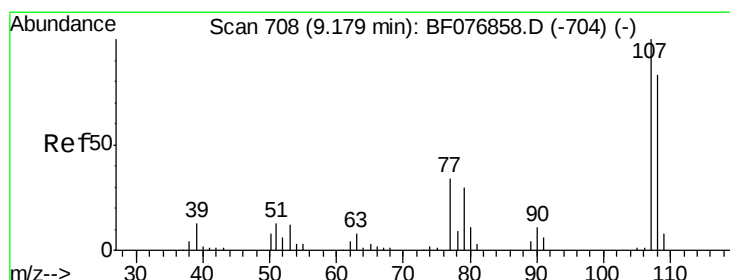
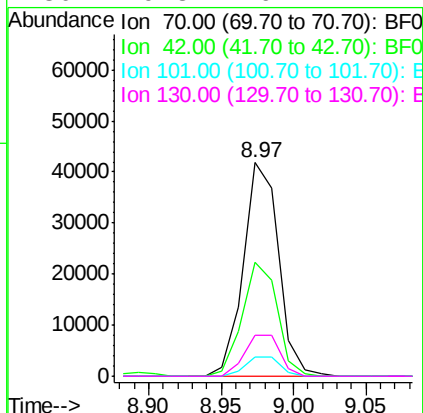
ClientSampleId :

MW-48MSD

Tot Ion	Ion	Ratio	Lower	Upper
70361	70	100		
	42	53.2	42.1	63.1
	101	8.9	7.8	11.8
	130	19.3	16.2	24.4

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#20

3+4-Methylphenols

Concen: 25.75 ng

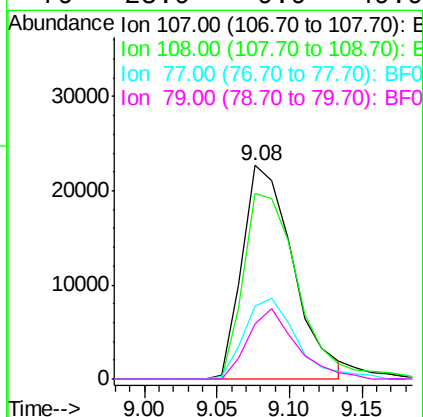
RT: 9.08 min Scan# 699

Delta R.T. 0.00 min

Lab File: BF076971.D

Acq: 20 Jan 2015 20:12

Tgt Ion	Ion	Ratio	Lower	Upper
55187	107	100		
	108	87.1	63.5	103.5
	77	34.1	14.0	54.0
	79	25.9	9.9	49.9





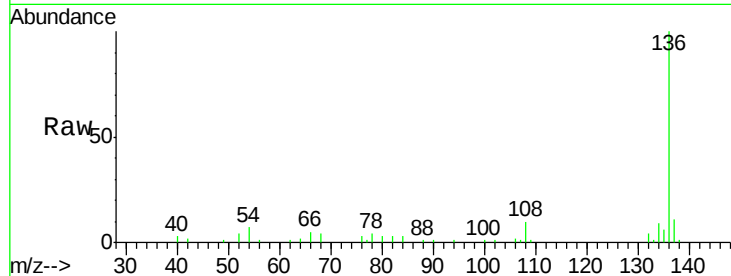
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.83 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF076971.D
Acq: 20 Jan 2015 20:12

Instrument :
BNA_F
ClientSampleId :
MW-48MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	116281		
137	11.4	8.1	12.1	
54	7.2	7.0	10.4	
68	4.1	3.7	5.5	

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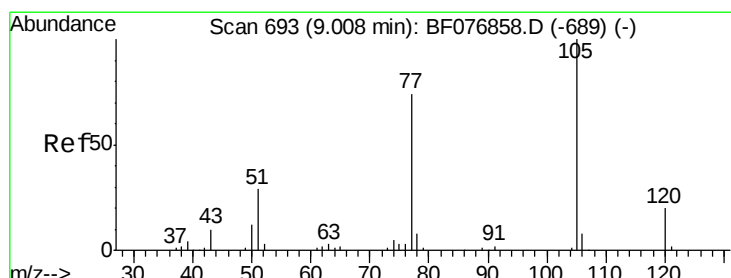
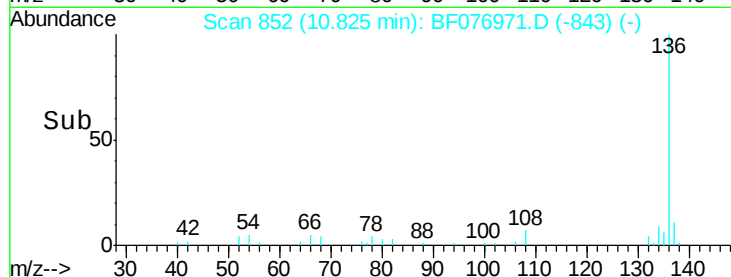
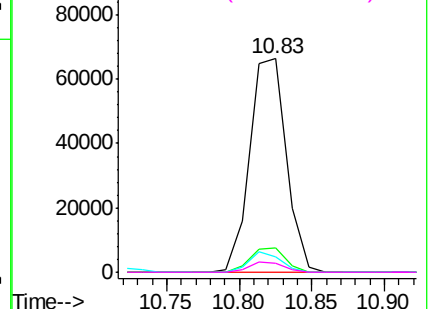


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22
Acetophenone
Concen: 50.54 ng
RT: 8.89 min Scan# 683
Delta R.T. 0.00 min
Lab File: BF076971.D
Acq: 20 Jan 2015 20:12

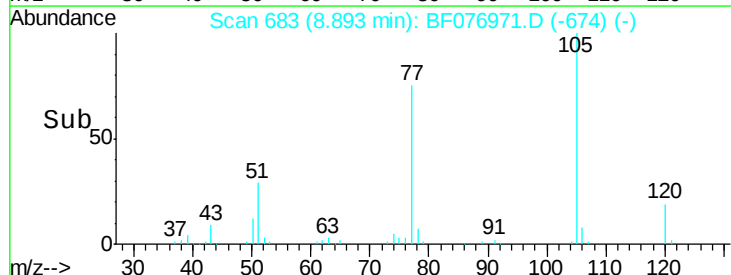
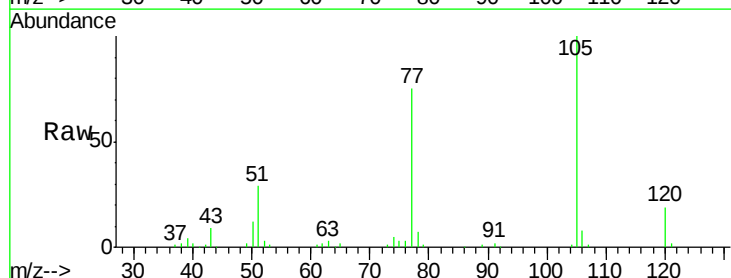
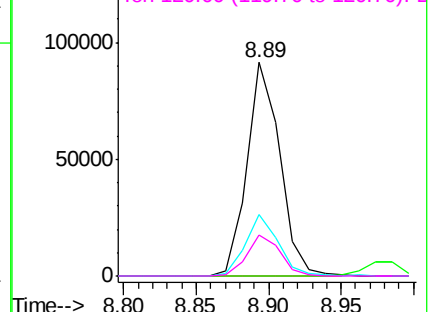
Tgt Ion	Ratio	Resp	Lower	Upper
105	100	143932		
71	0.0	0.0	0.0	
51	28.9	23.3	34.9	
120	19.0	16.1	24.1	

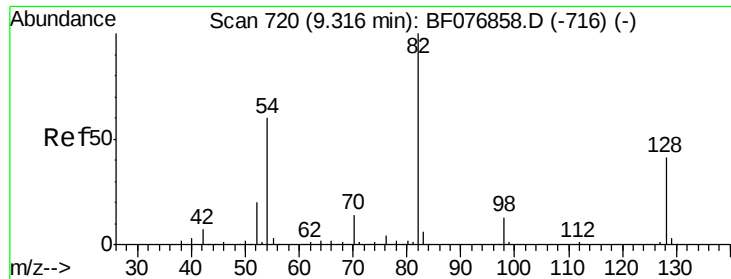
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





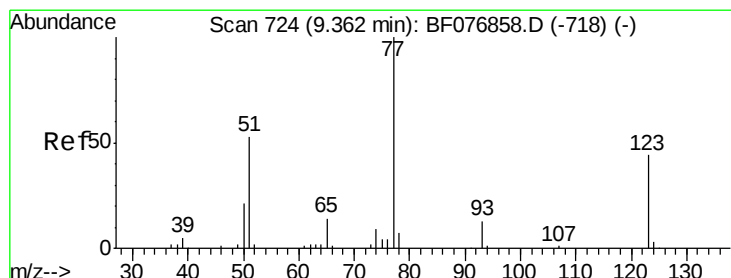
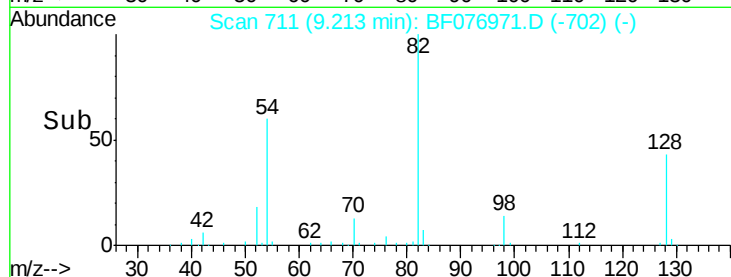
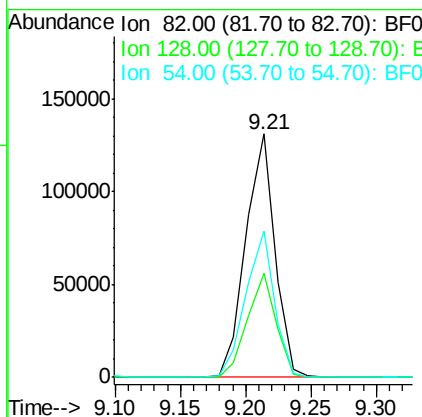
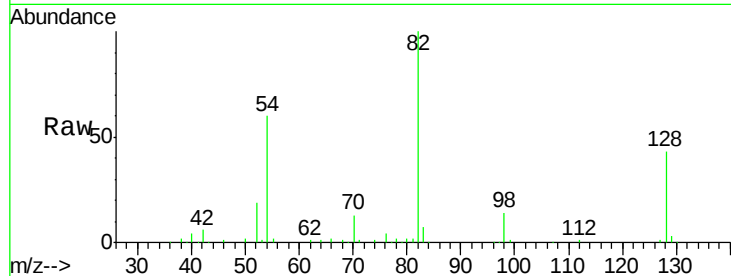
#23
 Nitrobenzene-d5
 Concen: 97.26 ng
 RT: 9.21 min Scan# 711
 Delta R.T. 0.00 min
 Lab File: BF076971.D
 Acq: 20 Jan 2015 20:12

Instrument :
 BNA_F
 ClientSampleId :
 MW-48MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	204136		
128	42.9	33.1	49.7	
54	59.8	48.3	72.5	

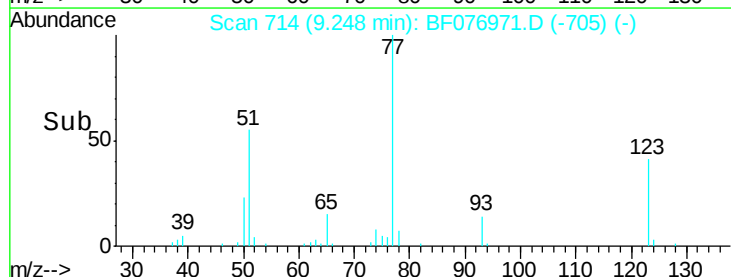
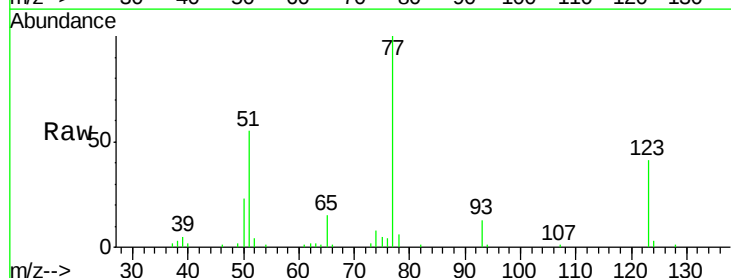
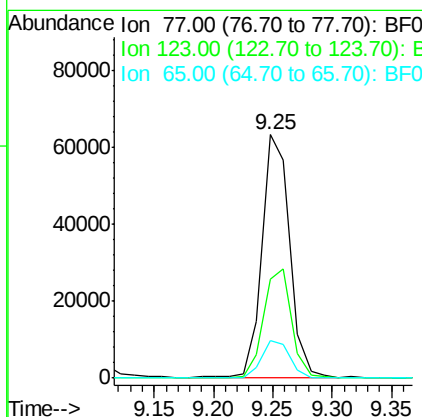
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#24
 Nitrobenzene
 Concen: 48.38 ng
 RT: 9.25 min Scan# 714
 Delta R.T. 0.00 min
 Lab File: BF076971.D
 Acq: 20 Jan 2015 20:12

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	103453		
123	40.9	35.2	52.8	
65	15.2	11.4	17.2	





#25

Isophorone

Concen: 48.15 ng

RT: 9.85 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF076971.D

Acq: 20 Jan 2015 20:12

Instrument :

BNA_F

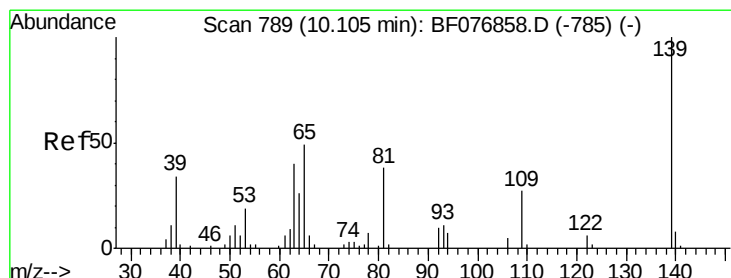
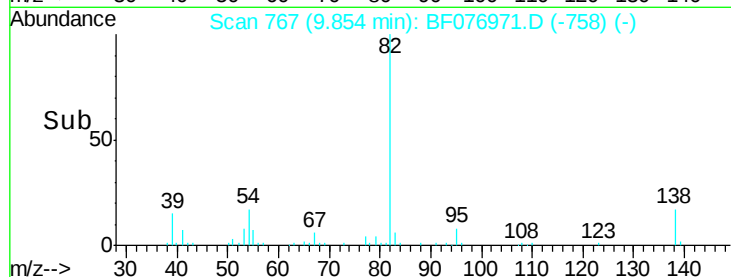
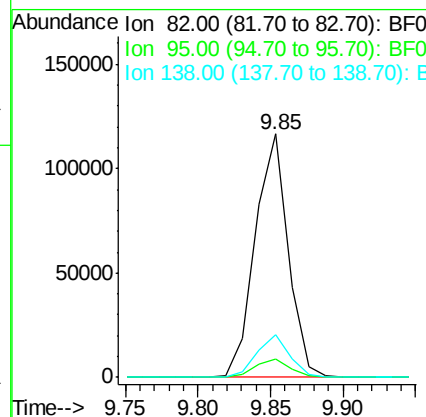
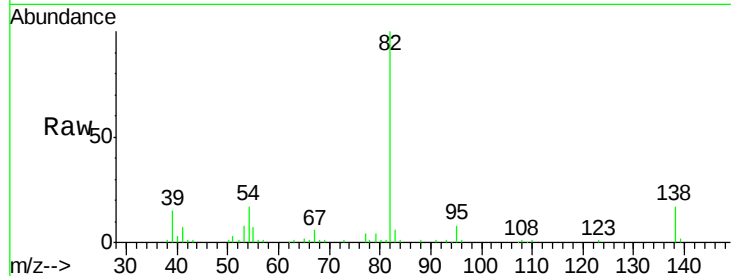
ClientSampleId :

MW-48MSD

Tot Ion:	82	Resp:	184046
Ion Ratio	Lower	Upper	
82	100		
95	7.7	6.6	10.0
138	17.4	12.6	18.8

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#26

2-Nitrophenol

Concen: 44.25 ng

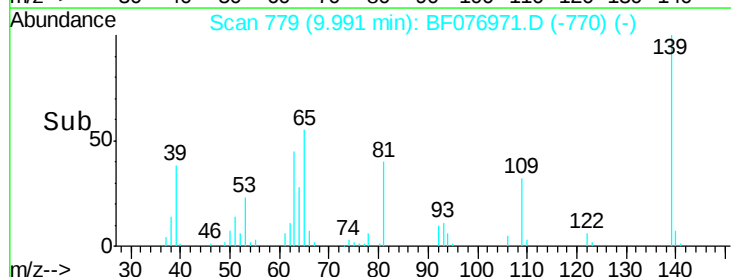
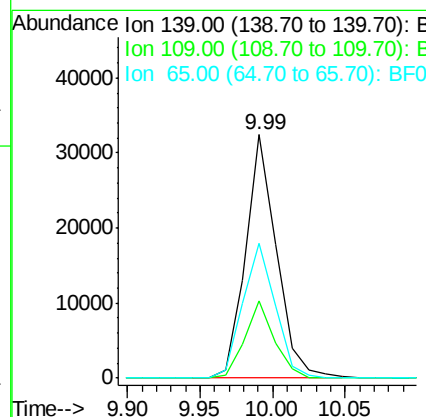
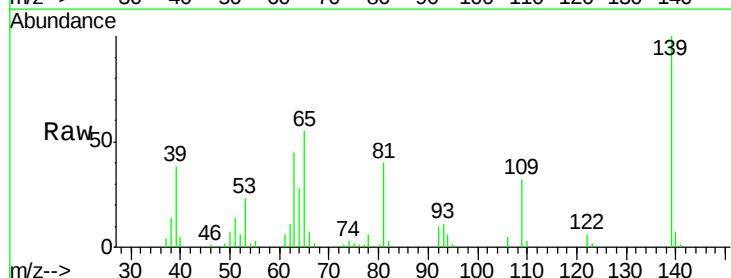
RT: 9.99 min Scan# 779

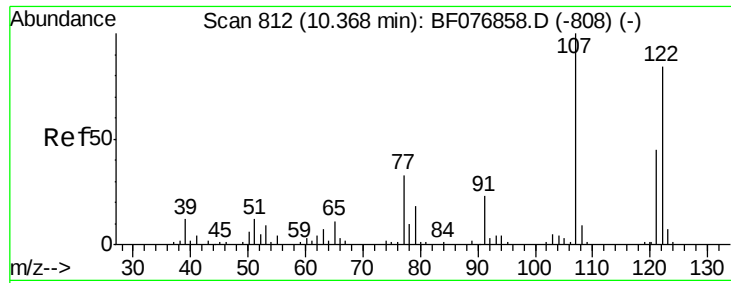
Delta R.T. 0.00 min

Lab File: BF076971.D

Acq: 20 Jan 2015 20:12

Tgt Ion:	139	Resp:	48291
Ion Ratio	Lower	Upper	
139	100		
109	31.6	21.3	31.9
65	55.4	39.4	59.0





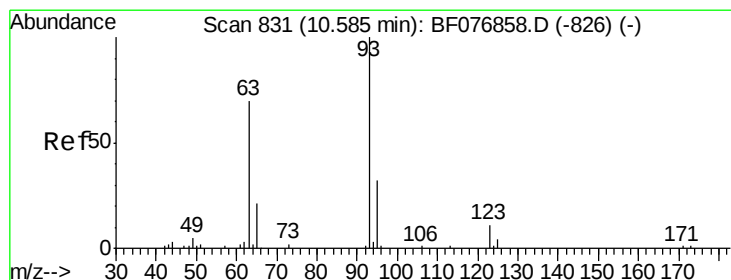
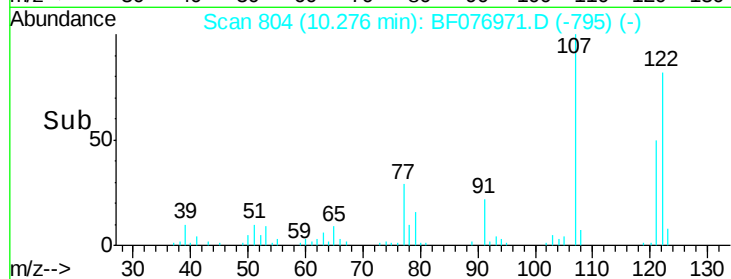
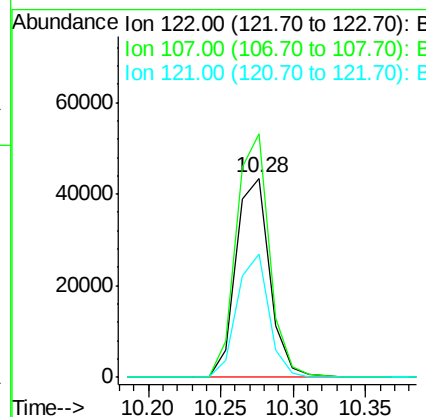
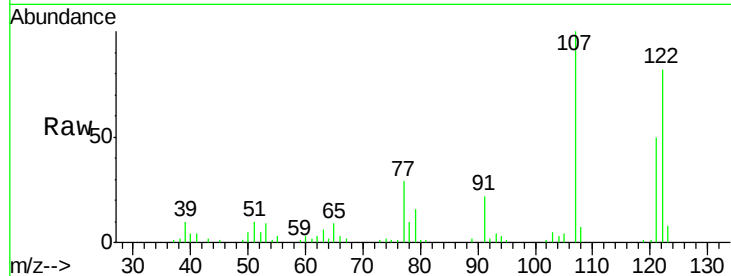
#27
 2,4-Dimethylphenol
 Concen: 42.63 ng
 RT: 10.28 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: BF076971.D
 Acq: 20 Jan 2015 20:12

Instrument :
 BNA_F
 ClientSampleId :
 MW-48MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	122.4	95.2	142.8
121	61.8	42.9	64.3

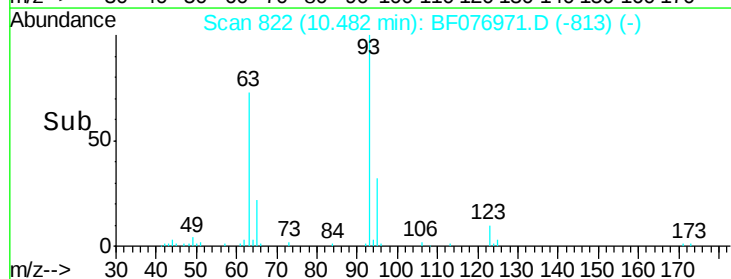
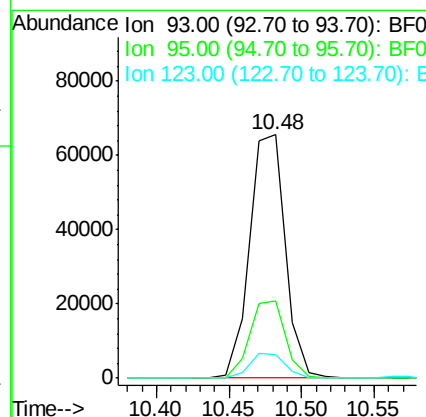
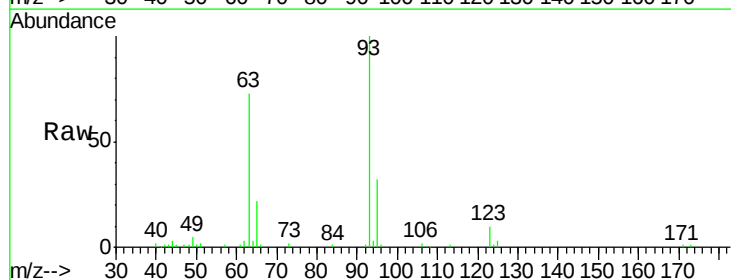
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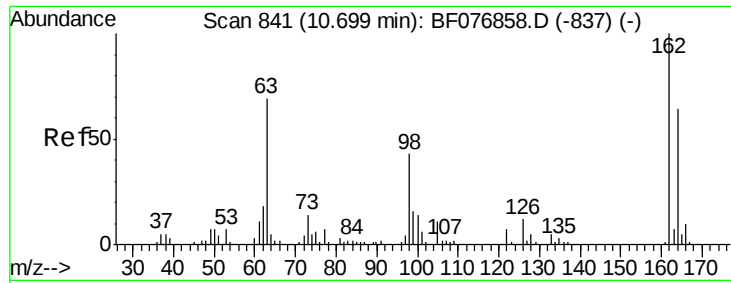
tejaskumar
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#28
 bis(2-Chloroethoxy)methane
 Concen: 51.40 ng
 RT: 10.48 min Scan# 822
 Delta R.T. 0.00 min
 Lab File: BF076971.D
 Acq: 20 Jan 2015 20:12

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.7	25.6	38.4
123	9.5	8.9	13.3





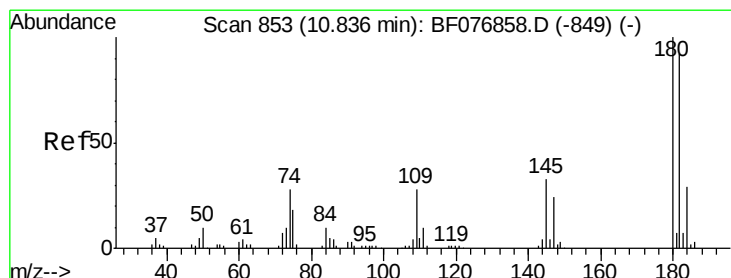
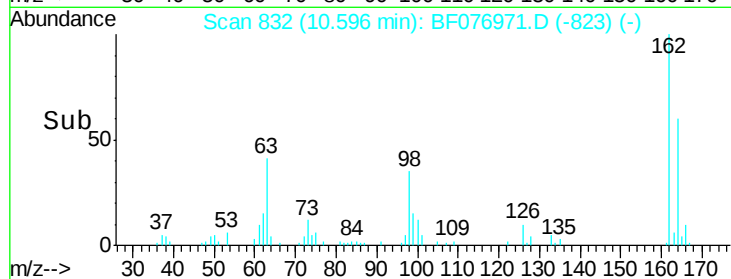
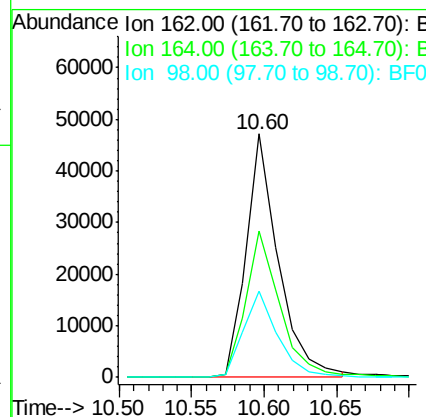
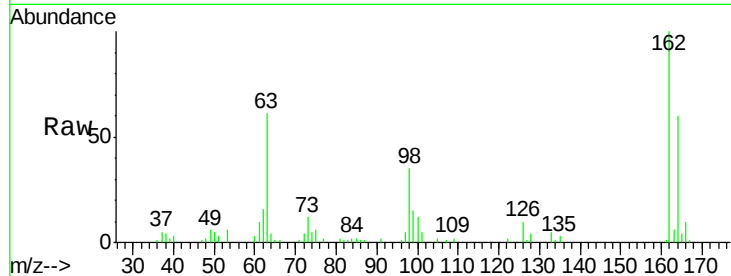
#29
2,4-Dichlorophenol
Concen: 47.54 ng
RT: 10.60 min Scan# 832
Delta R.T. 0.00 min
Lab File: BF076971.D
Acq: 20 Jan 2015 20:12

Instrument :
BNA_F
ClientSampleId :
MW-48MSD

Tot Ion:	162	Resp:	73260
Ion Ratio	Lower	Upper	
162	100		
164	60.3	43.8	83.8
98	35.4	22.5	62.5

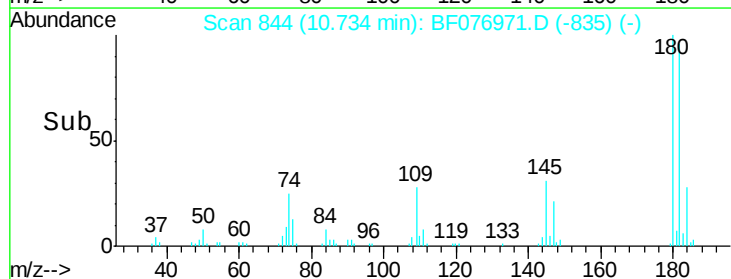
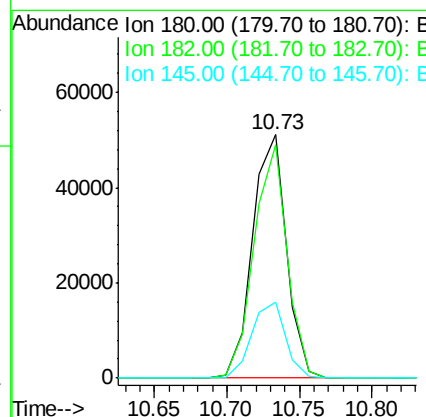
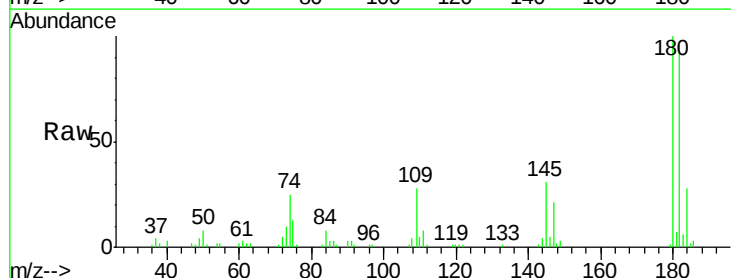
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#30
1,2,4-Trichlorobenzene
Concen: 48.24 ng
RT: 10.73 min Scan# 844
Delta R.T. 0.00 min
Lab File: BF076971.D
Acq: 20 Jan 2015 20:12

Tgt Ion:	180	Resp:	82571
Ion Ratio	Lower	Upper	
180	100		
182	96.1	73.6	110.4
145	31.3	26.6	39.8





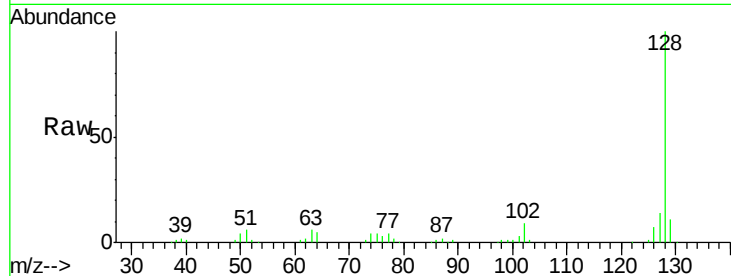
#31
Naphthalene
Concen: 45.71 ng
RT: 10.87 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF076971.D
Acq: 20 Jan 2015 20:12

Instrument :
BNA_F
ClientSampleId :
MW-48MSD

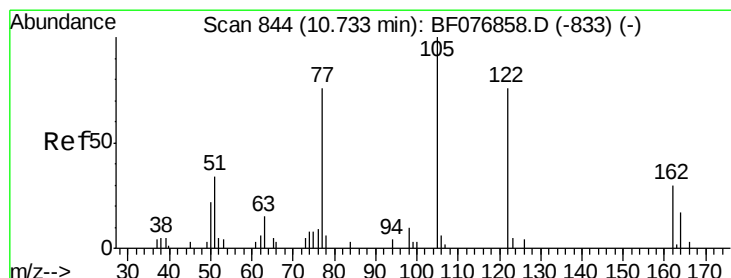
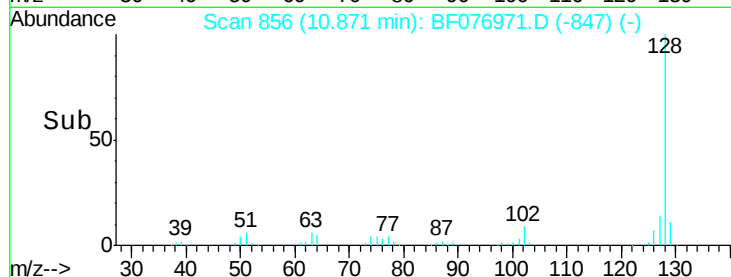
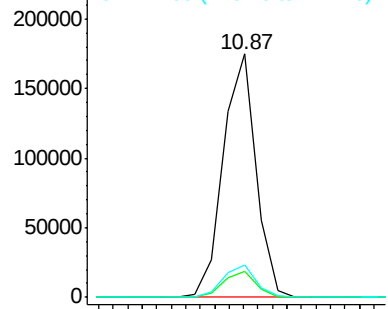
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.0	13.6
127	13.5	10.2	15.2

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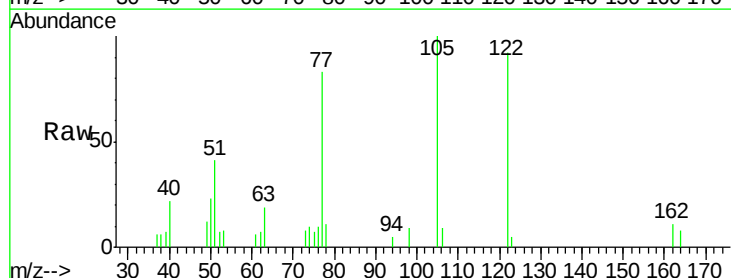


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

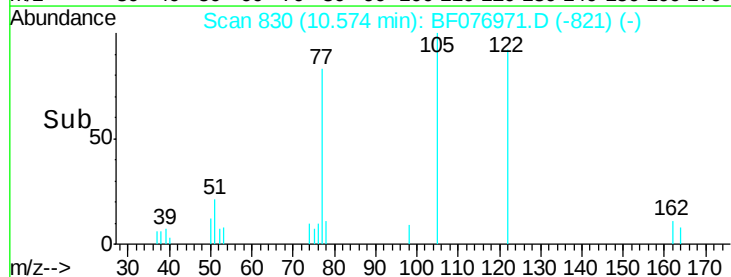
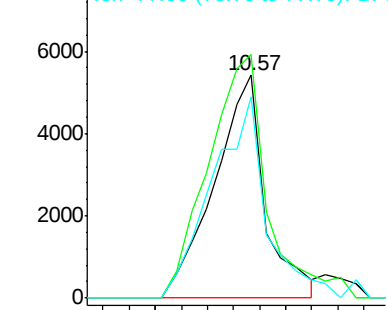


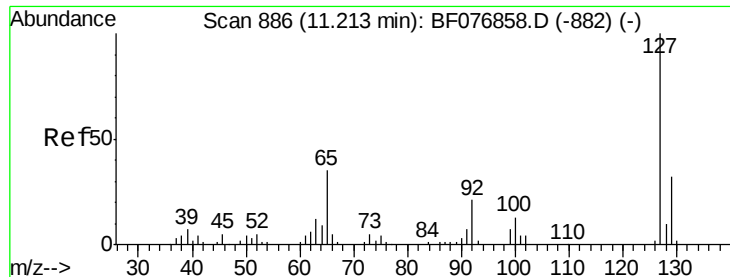
#32
Benzoic acid
Concen: 16.03 ng
RT: 10.57 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF076971.D
Acq: 20 Jan 2015 20:12

Tgt Ion	Ratio	Lower	Upper
122	100		
105	109.1	111.3	151.3#
77	90.1	79.2	119.2



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





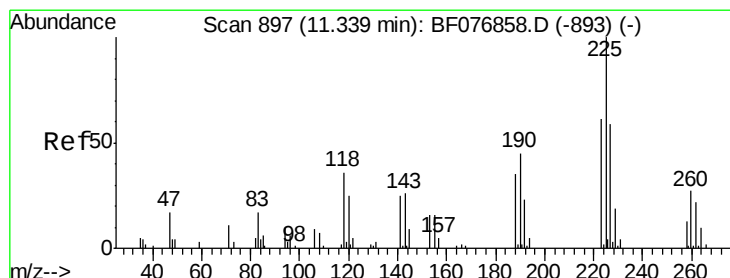
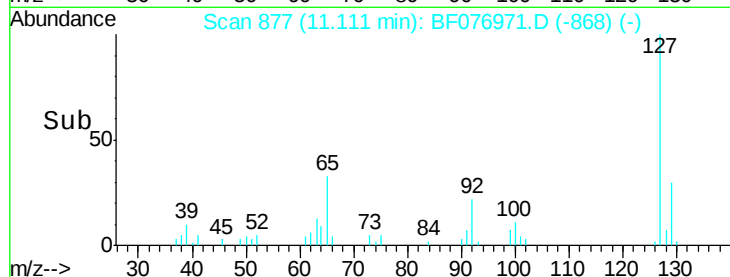
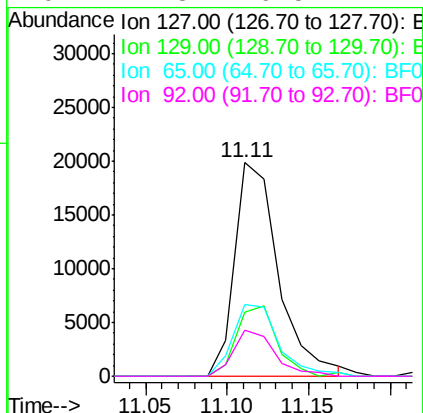
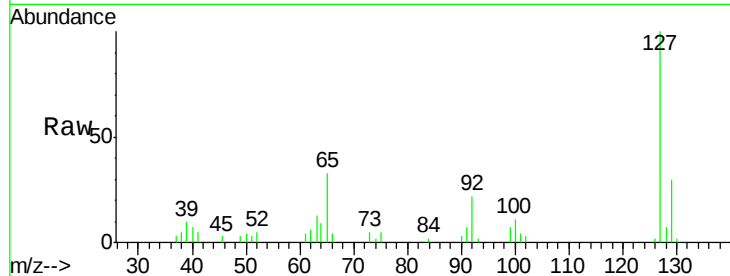
#33
4-Chloroaniline
Concen: 15.24 ng
RT: 11.11 min Scan# 877
Delta R.T. 0.00 min
Lab File: BF076971.D
Acq: 20 Jan 2015 20:12

Instrument :
BNA_F
ClientSampleId :
MW-48MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	30.0	25.3	37.9		
65	33.3	27.8	41.6		
92	21.8	16.5	24.7		

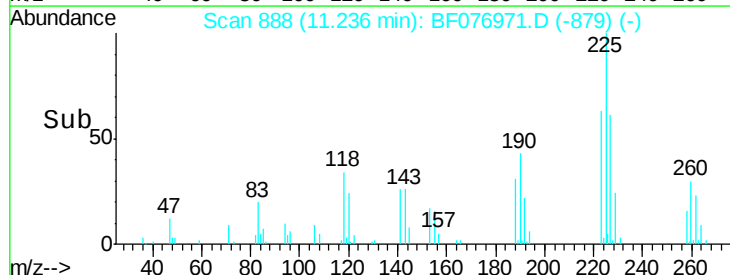
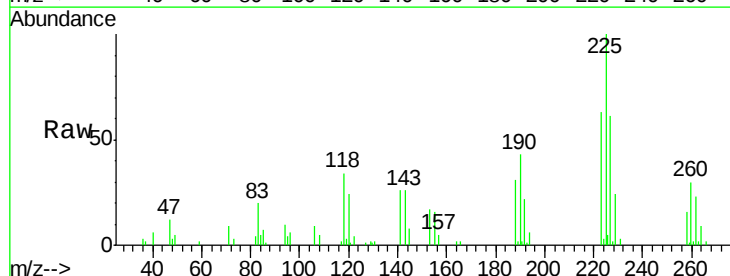
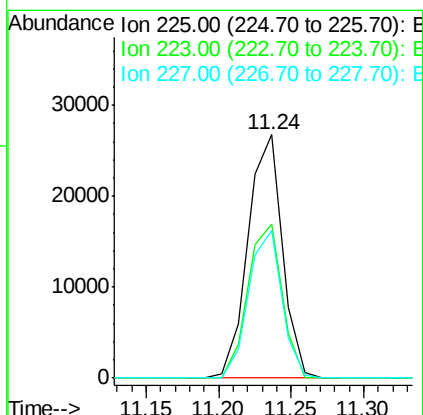
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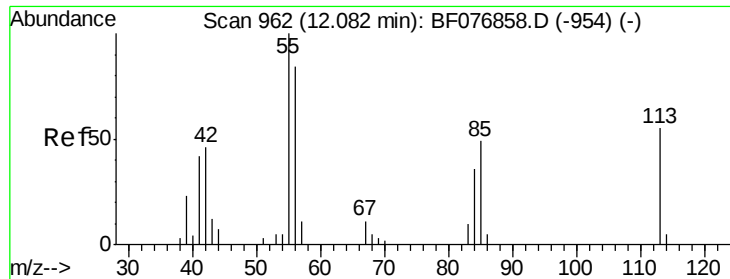
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#34
Hexachlorobutadiene
Concen: 43.23 ng
RT: 11.24 min Scan# 888
Delta R.T. 0.00 min
Lab File: BF076971.D
Acq: 20 Jan 2015 20:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.3	49.1	73.7		
227	60.8	47.5	71.3		





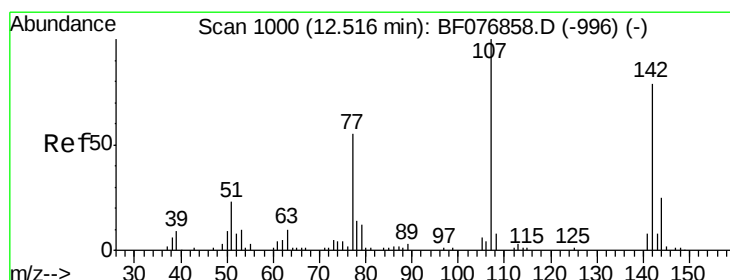
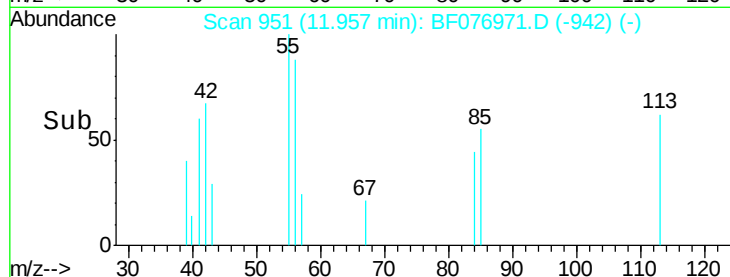
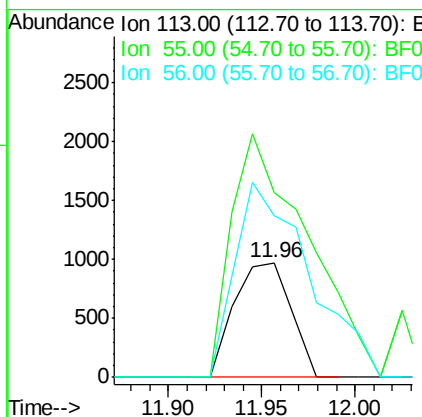
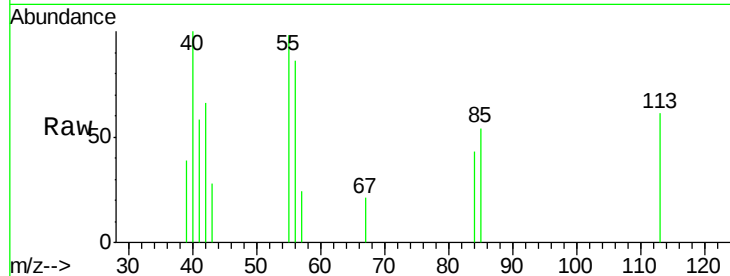
#35
Caprolactam
Concen: 4.52 ng
RT: 11.96 min Scan# 951
Delta R.T. 0.00 min
Lab File: BF076971.D
Acq: 20 Jan 2015 20:12

Instrument :
BNA_F
ClientSampleId :
MW-48MSD

Tot Ion:113 Resp: 2049
Ion Ratio Lower Upper
113 100
55 160.5 162.1 202.1#
56 140.8 133.7 173.7

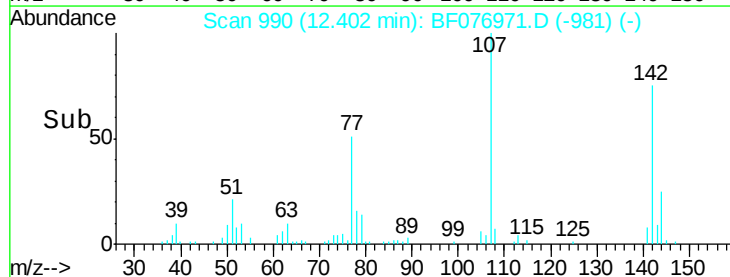
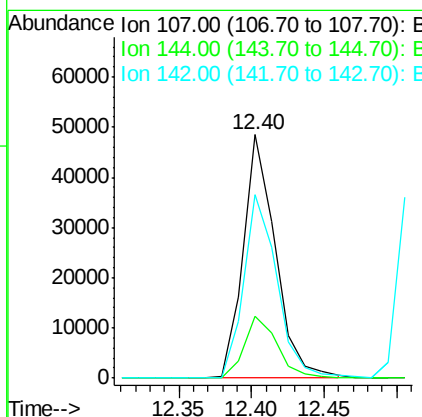
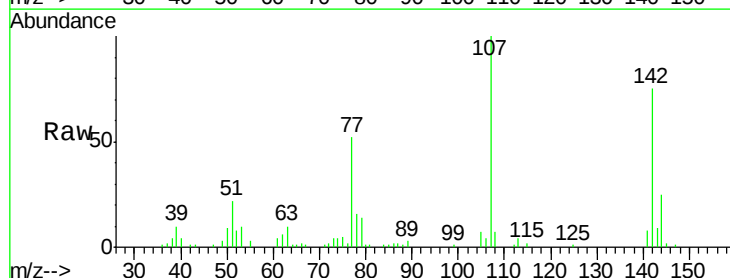
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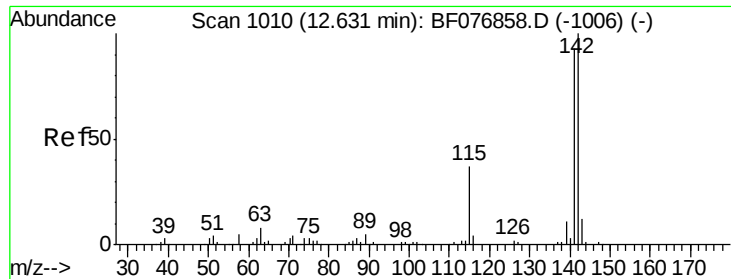
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#36
4-Chloro-3-methylphenol
Concen: 42.47 ng
RT: 12.40 min Scan# 990
Delta R.T. 0.00 min
Lab File: BF076971.D
Acq: 20 Jan 2015 20:12

Tgt Ion:107 Resp: 74931
Ion Ratio Lower Upper
107 100
144 25.4 20.0 30.0
142 75.3 63.5 95.3





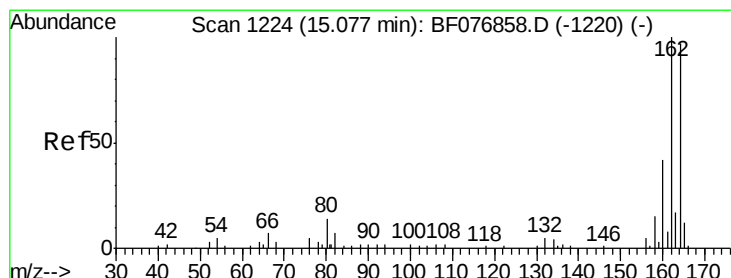
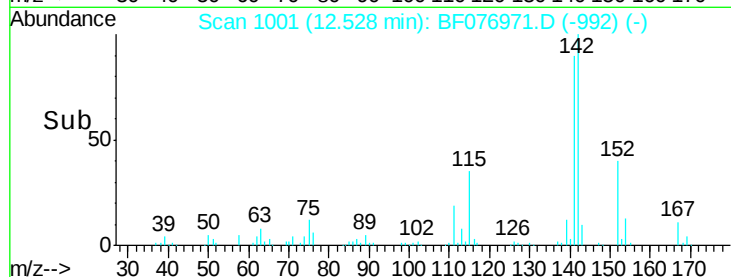
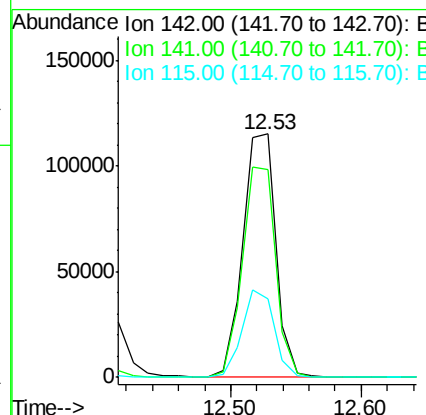
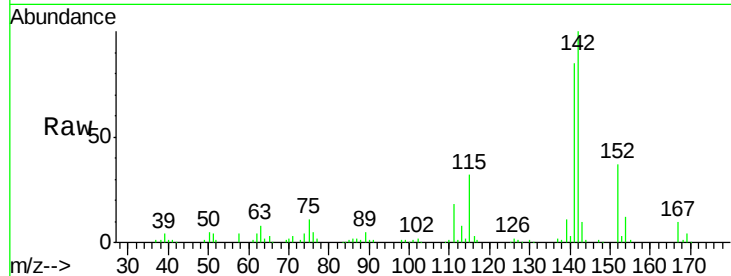
#37
2-Methylnaphthalene
Concen: 49.56 ng
RT: 12.53 min Scan# 1001
Delta R.T. 0.00 min
Lab File: BF076971.D
Acq: 20 Jan 2015 20:12

Instrument :
BNA_F
ClientSampleId :
MW-48MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	85.3	74.5	111.7
115	32.4	29.7	44.5

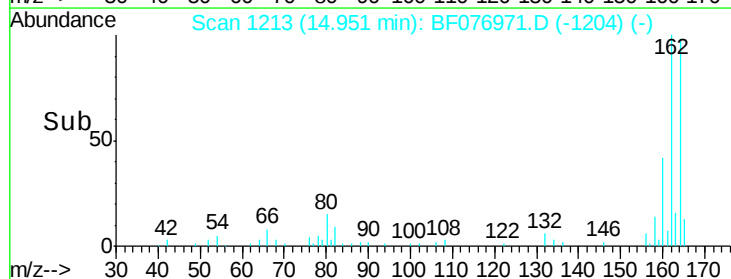
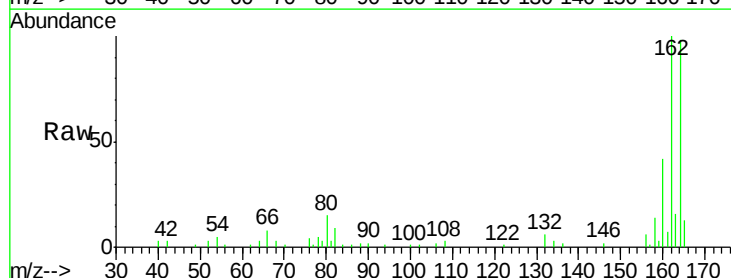
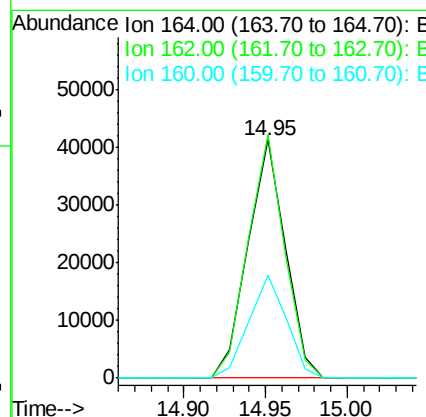
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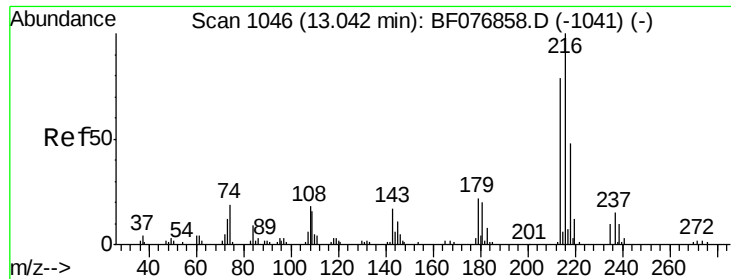
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.95 min Scan# 1213
Delta R.T. 0.00 min
Lab File: BF076971.D
Acq: 20 Jan 2015 20:12

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.4	82.4	123.6
160	43.2	34.8	52.2





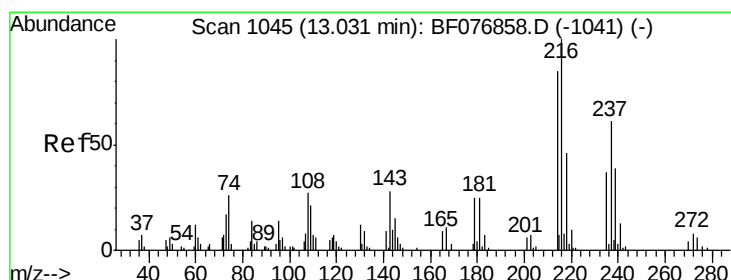
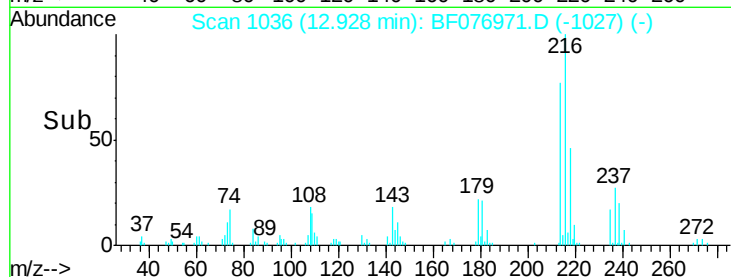
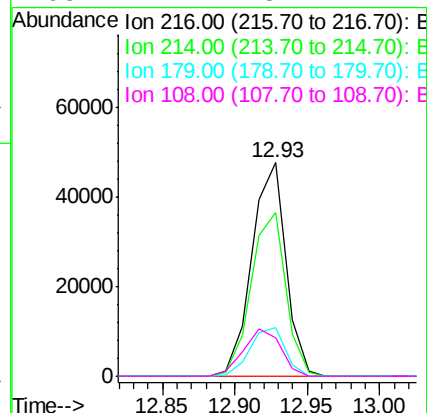
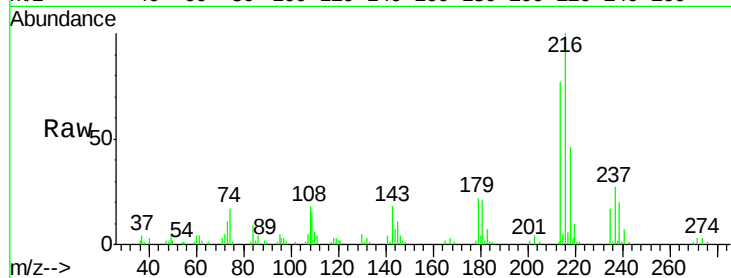
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 47.65 ng
 RT: 12.93 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: BF076971.D
 Acq: 20 Jan 2015 20:12

Instrument :
 BNA_F
 ClientSampleId :
 MW-48MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	78.2	64.9	97.3		
179	23.5	18.6	28.0		
108	24.2	18.1	27.1		

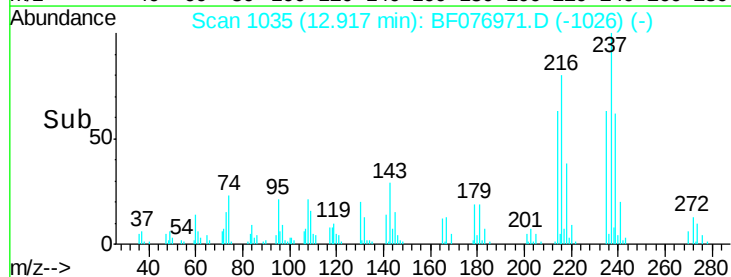
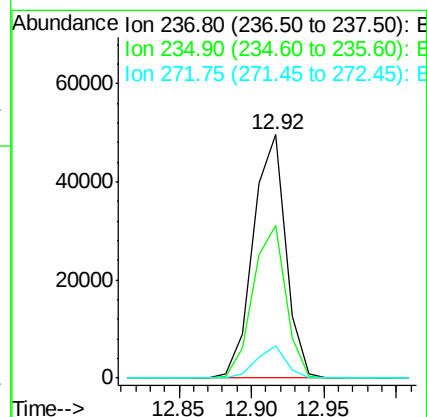
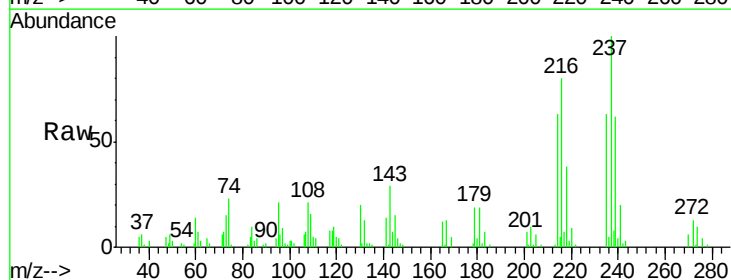
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#40
 Hexachlorocyclopentadiene
 Concen: 87.90 ng
 RT: 12.92 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF076971.D
 Acq: 20 Jan 2015 20:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	62.7	40.4	80.4		
272	13.4	0.0	33.2		





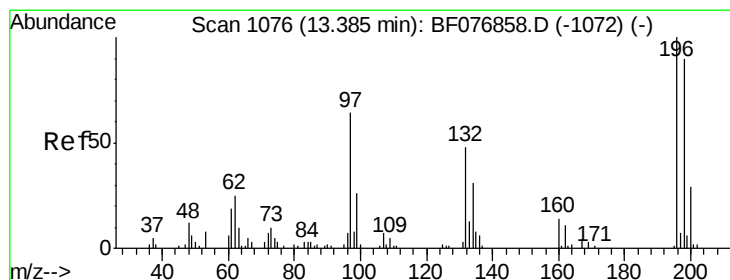
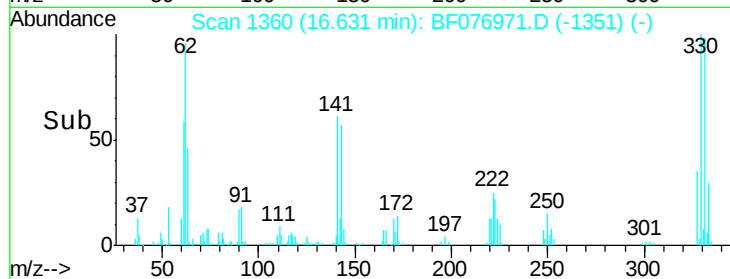
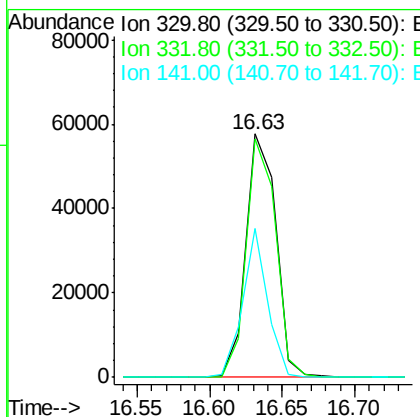
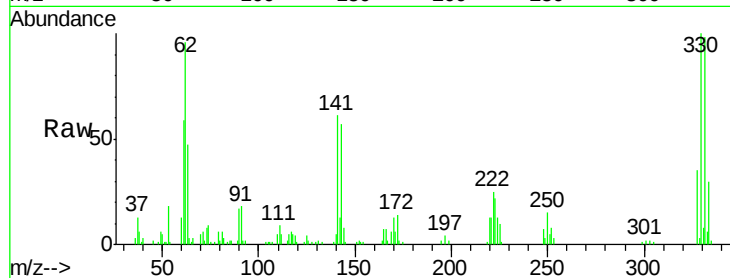
#41
2,4,6-Tribromophenol
Concen: 154.99 ng
RT: 16.63 min Scan# 1360
Delta R.T. 0.00 min
Lab File: BF076971.D
Acq: 20 Jan 2015 20:12

Instrument :
BNA_F
ClientSampleId :
MW-48MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	82699		
332	96.2		77.8	116.6
141	50.5		38.5	57.7

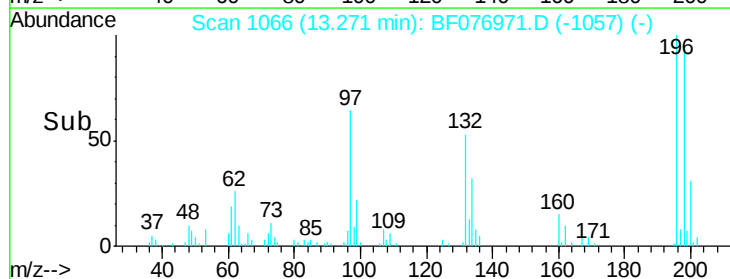
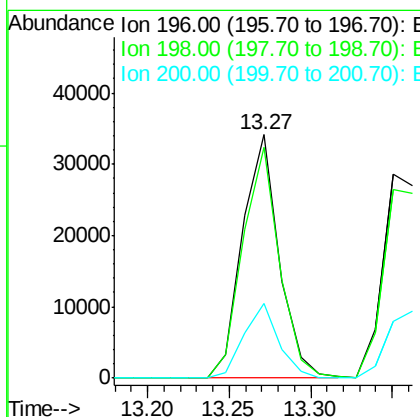
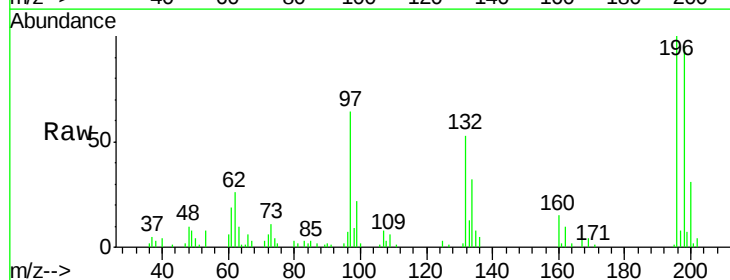
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#42
2,4,6-Trichlorophenol
Concen: 44.93 ng
RT: 13.27 min Scan# 1066
Delta R.T. 0.00 min
Lab File: BF076971.D
Acq: 20 Jan 2015 20:12

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	53196		
198	94.8		72.0	108.0
200	30.8		23.4	35.2





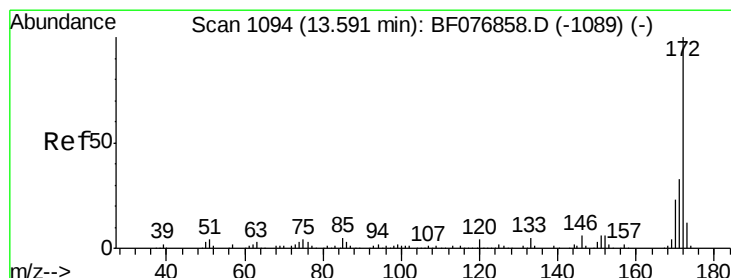
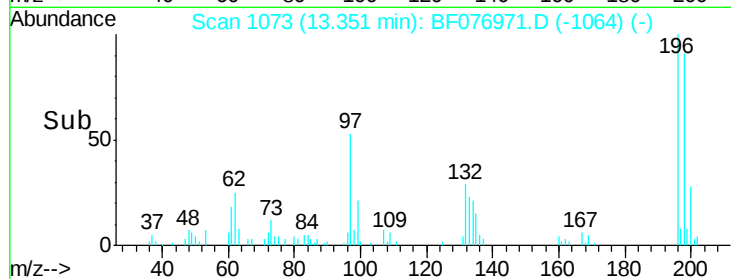
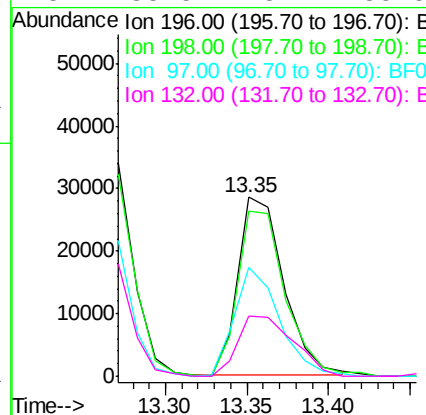
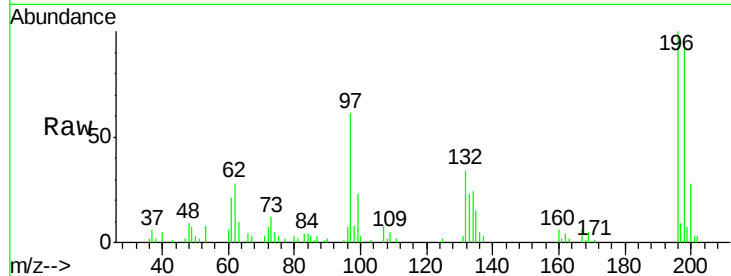
#43
 2,4,5-Trichlorophenol
 Concen: 45.41 ng
 RT: 13.35 min Scan# 1073
 Delta R.T. 0.00 min
 Lab File: BF076971.D
 Acq: 20 Jan 2015 20:12

Instrument :
 BNA_F
 ClientSampleId :
 MW-48MSD

Tot Ion:	196	Resp:	54836
Ion Ratio	Lower	Upper	
196	100		
198	92.4	76.6	115.0
97	60.6	43.4	65.0
132	33.5	23.7	35.5

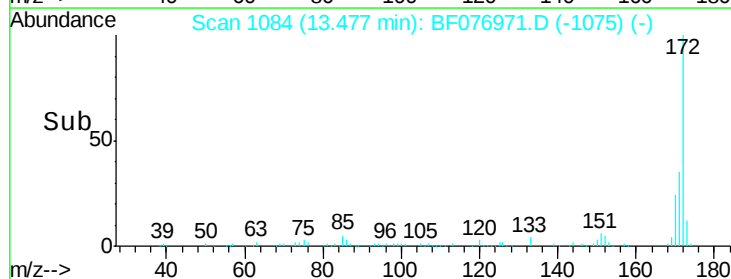
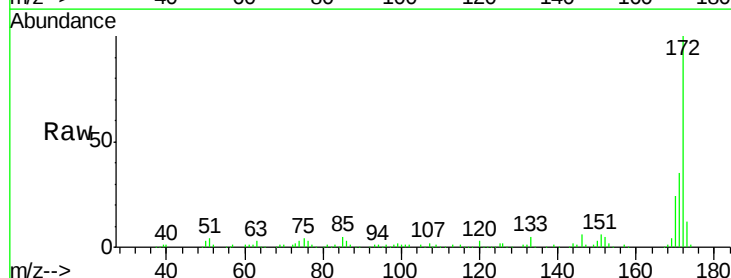
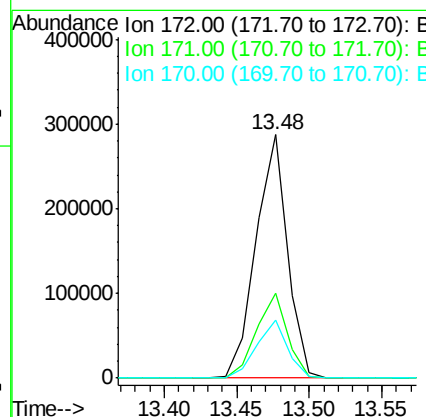
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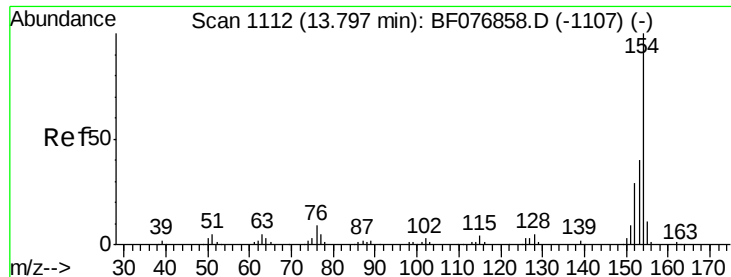
tejaskumar
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#44
 2-Fluorobiphenyl
 Concen: 100.31 ng
 RT: 13.48 min Scan# 1084
 Delta R.T. 0.00 min
 Lab File: BF076971.D
 Acq: 20 Jan 2015 20:12

Tgt Ion:	172	Resp:	433258
Ion Ratio	Lower	Upper	
172	100		
171	35.1	26.6	40.0
170	23.8	18.0	27.0





#45

1,1'-Biphenyl

Concen: 49.41 ng

RT: 13.67 min Scan# 1101

Delta R.T. 0.00 min

Lab File: BF076971.D

Acq: 20 Jan 2015 20:12

Instrument :

BNA_F

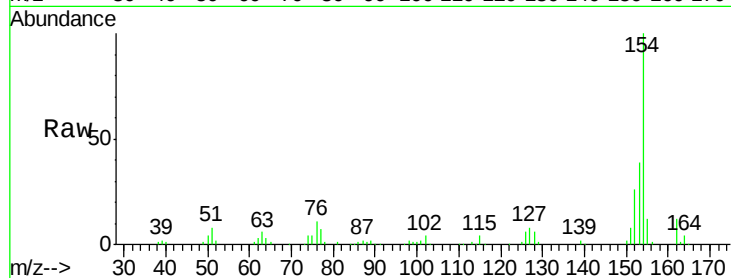
ClientSampleId :

MW-48MSD

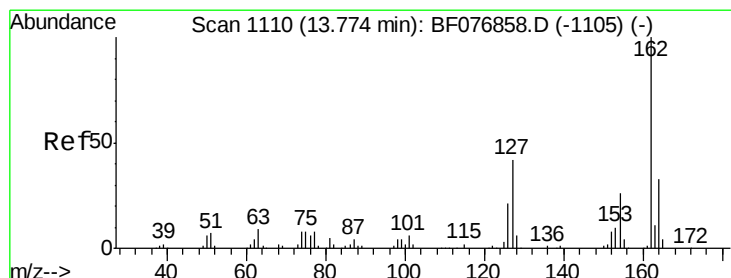
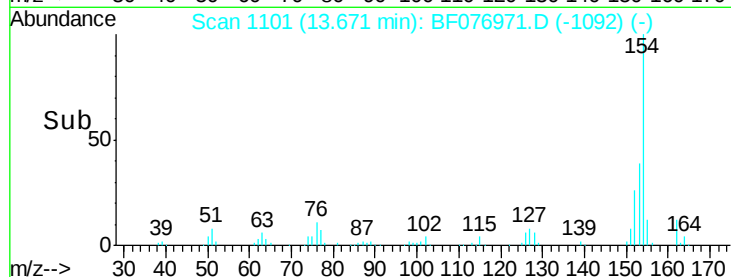
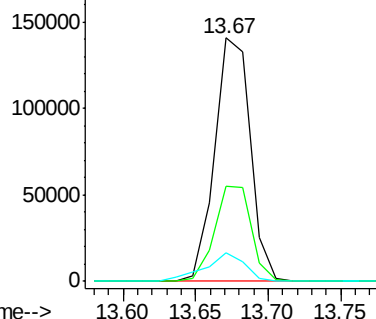
Tot Ion:	154	Resp:	240792
Ion Ratio	Lower	Upper	
154	100		
153	38.8	20.2	60.2
76	11.5	0.0	29.0

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 46.94 ng

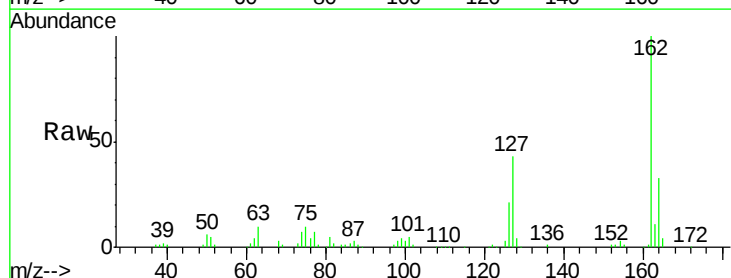
RT: 13.65 min Scan# 1099

Delta R.T. 0.00 min

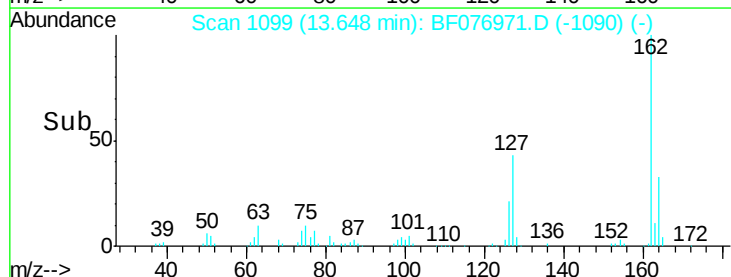
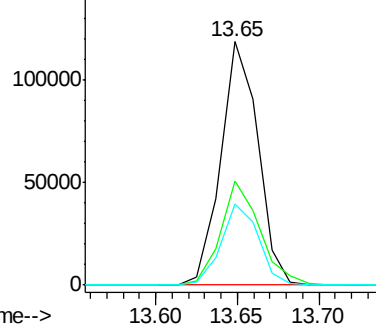
Lab File: BF076971.D

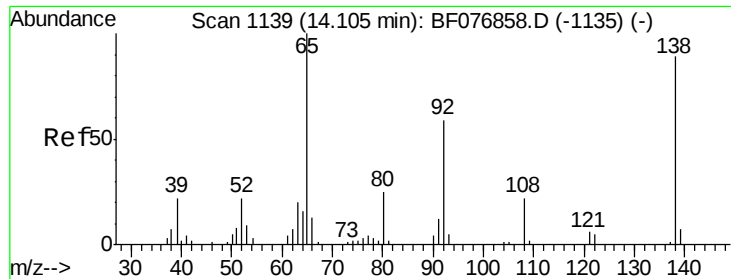
Acq: 20 Jan 2015 20:12

Tgt Ion:	162	Resp:	188225
Ion Ratio	Lower	Upper	
162	100		
127	42.7	33.8	50.6
164	33.3	26.8	40.2



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 49.29 ng

RT: 13.99 min Scan# 1129

Delta R.T. 0.00 min

Lab File: BF076971.D

Acq: 20 Jan 2015 20:12

Instrument :

BNA_F

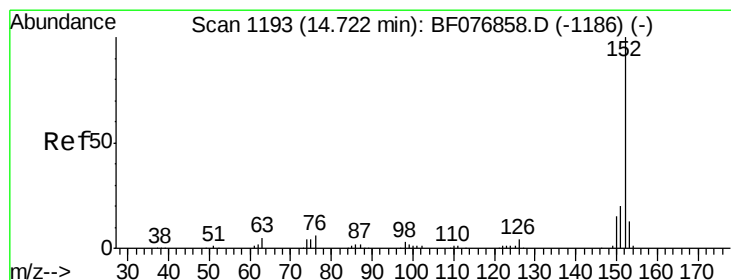
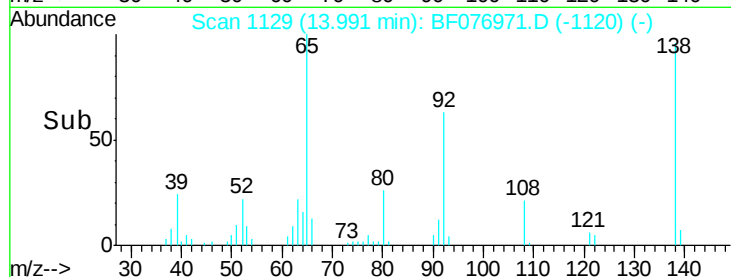
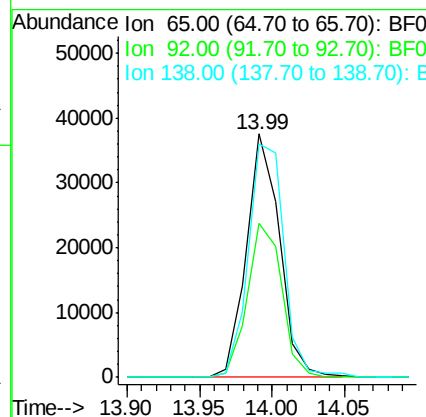
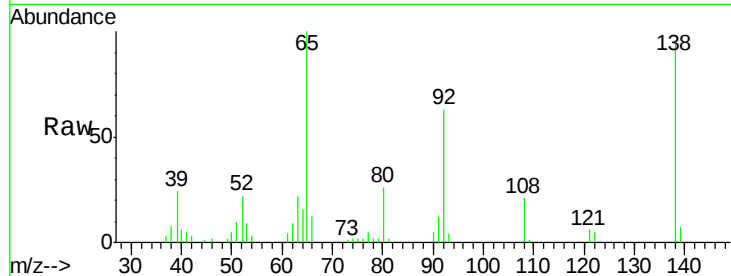
ClientSampleId :

MW-48MSD

Tot Ion:	65	Resp:	59960
Ion	Ratio	Lower	Upper
65	100		
92	63.2	47.3	70.9
138	95.7	71.4	107.2

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#48

Acenaphthylene

Concen: 46.13 ng

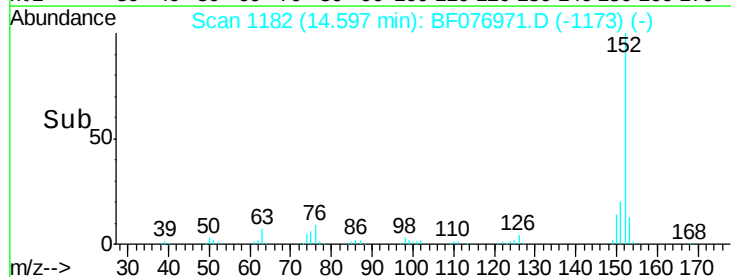
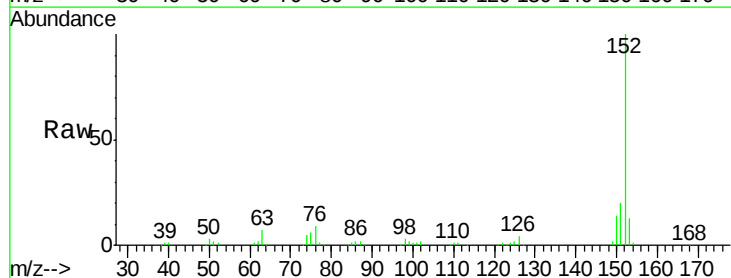
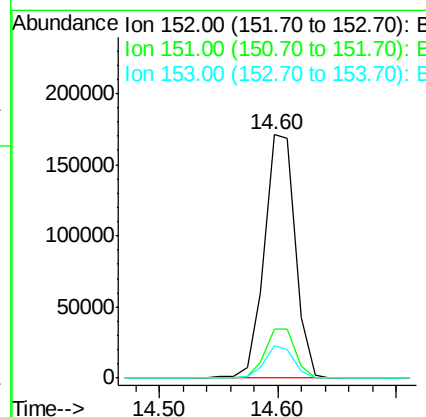
RT: 14.60 min Scan# 1182

Delta R.T. 0.00 min

Lab File: BF076971.D

Acq: 20 Jan 2015 20:12

Tgt Ion:	152	Resp:	311993
Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.9	23.9
153	13.1	10.2	15.4





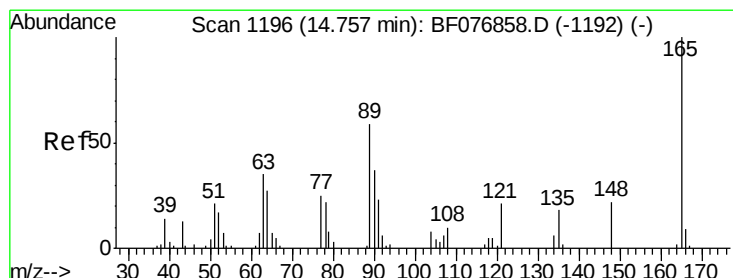
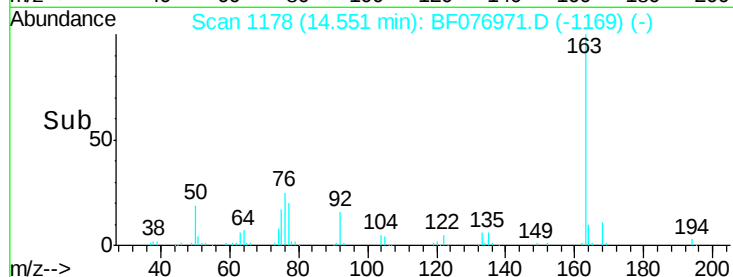
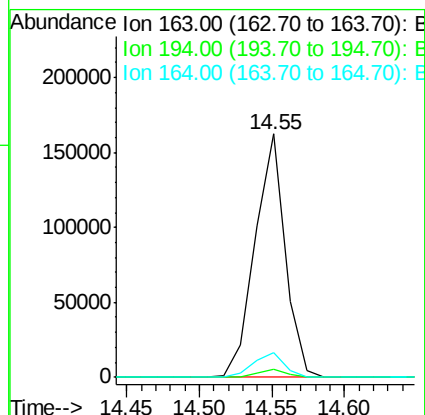
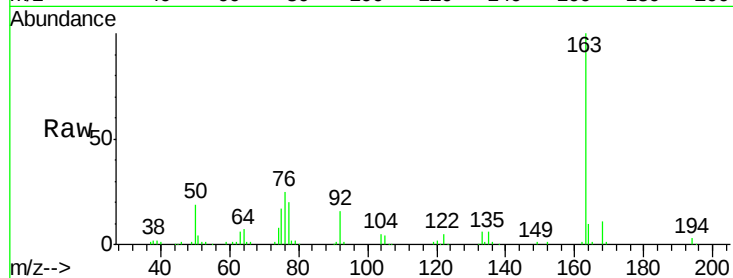
#49
Dimethylphthalate
Concen: 50.43 ng
RT: 14.55 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BF076971.D
Acq: 20 Jan 2015 20:12

Instrument :
BNA_F
ClientSampleId :
MW-48MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.2	2.6	4.0
164	10.1	7.5	11.3

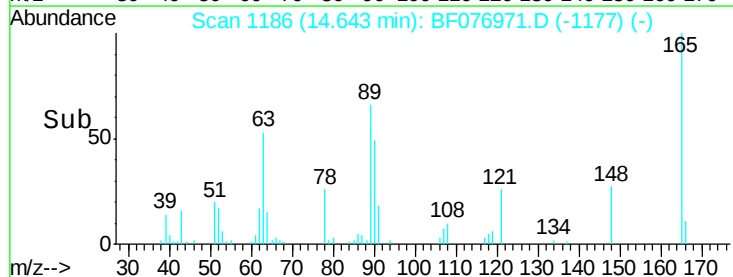
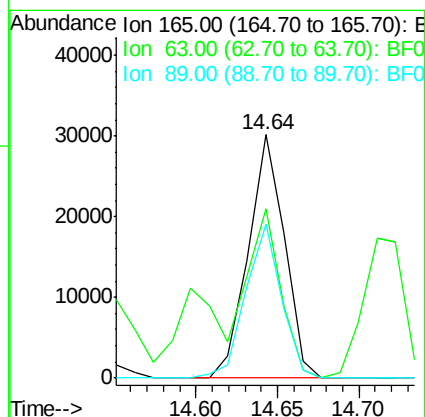
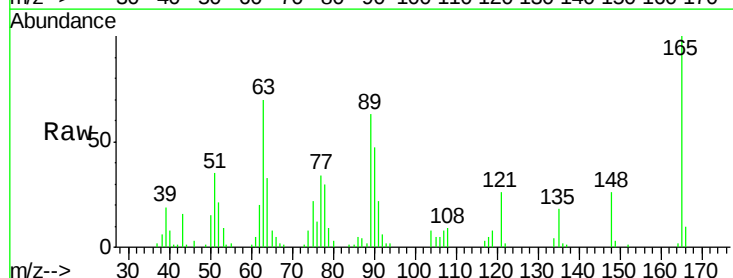
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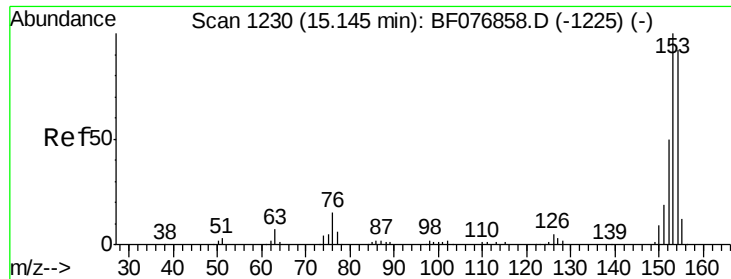
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#50
2,6-Dinitrotoluene
Concen: 49.64 ng
RT: 14.64 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BF076971.D
Acq: 20 Jan 2015 20:12

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	69.7	48.1	72.1
89	63.1	47.2	70.8





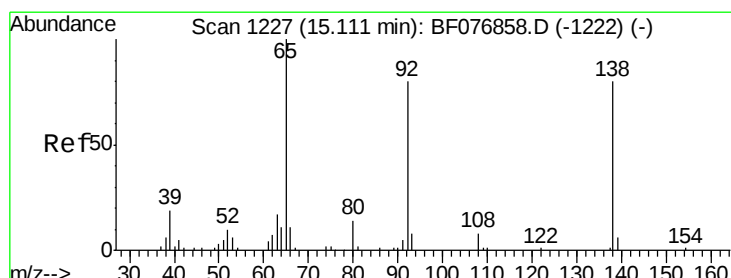
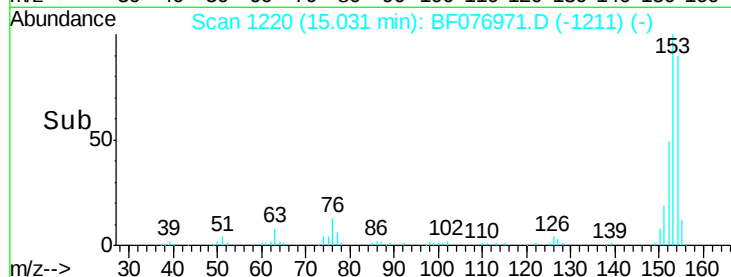
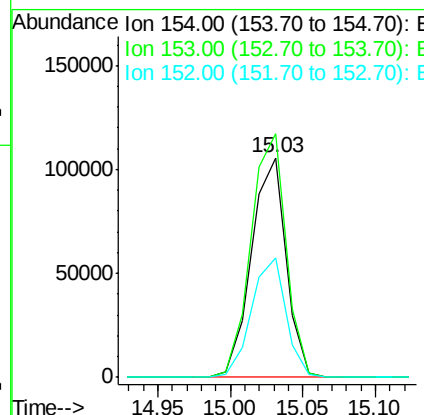
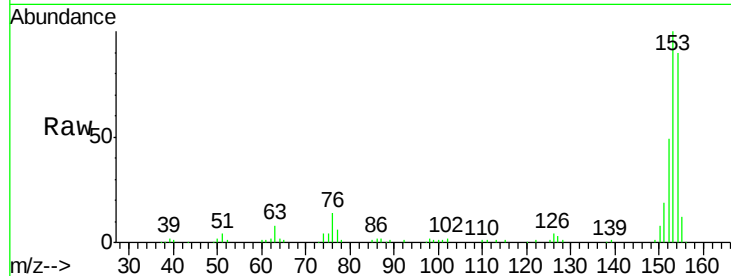
#51
Acenaphthene
Concen: 45.63 ng
RT: 15.03 min Scan# 1220
Delta R.T. 0.00 min
Lab File: BF076971.D
Acq: 20 Jan 2015 20:12

Instrument :
BNA_F
ClientSampleId :
MW-48MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	110.9	87.0	130.6
152	54.5	43.5	65.3

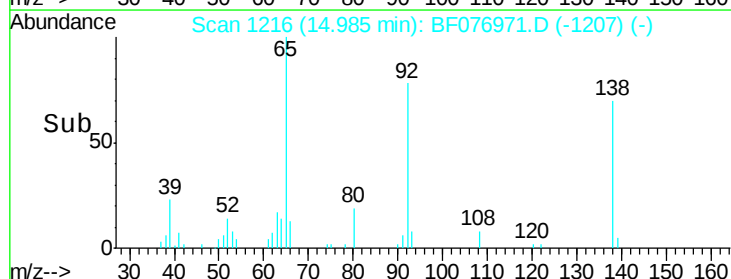
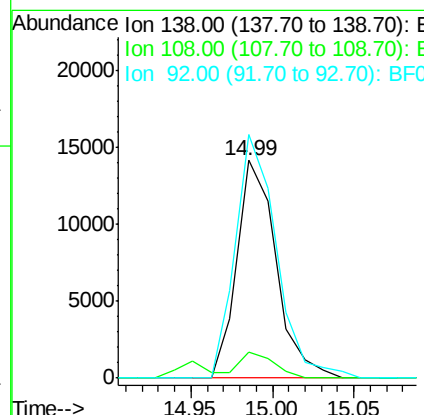
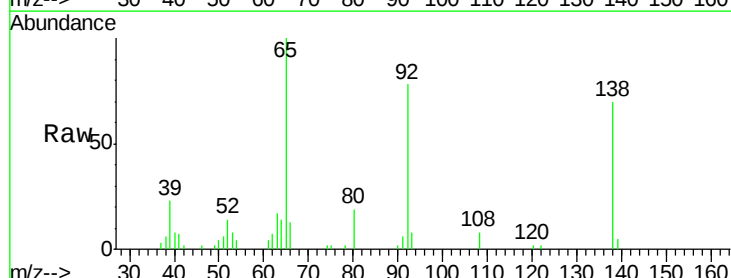
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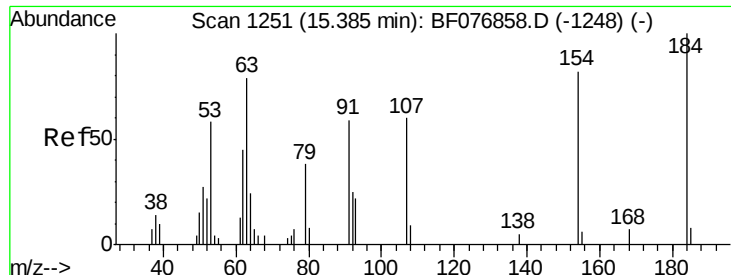
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#52
3-Nitroaniline
Concen: 20.48 ng
RT: 14.99 min Scan# 1216
Delta R.T. 0.00 min
Lab File: BF076971.D
Acq: 20 Jan 2015 20:12

Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.9	8.3	12.5
92	111.9	80.9	121.3





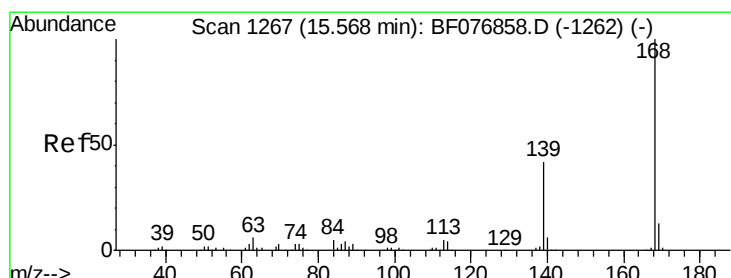
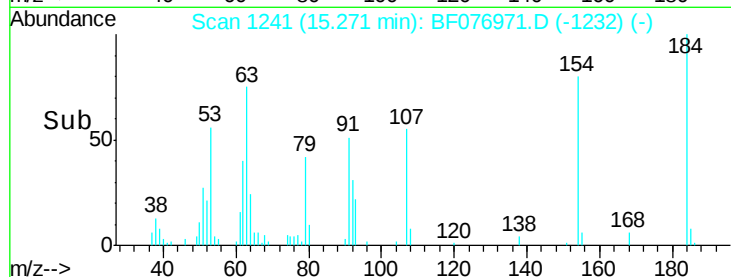
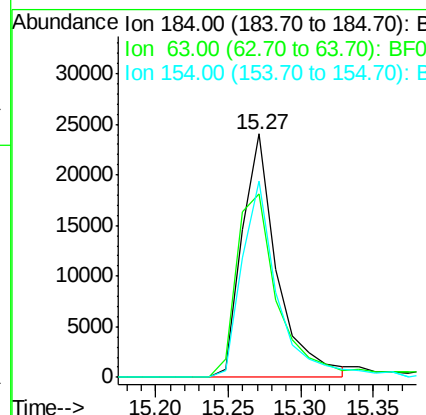
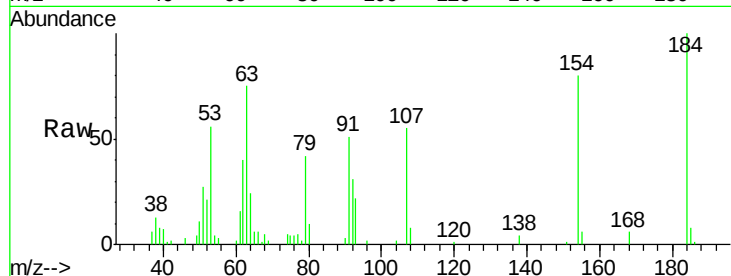
#53
 2,4-Dinitrophenol
 Concen: 90.76 ng
 RT: 15.27 min Scan# 1241
 Delta R.T. 0.00 min
 Lab File: BF076971.D
 Acq: 20 Jan 2015 20:12

Instrument :
 BNA_F
 ClientSampleId :
 MW-48MSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	75.4	63.0	94.6
154	80.4	65.5	98.3

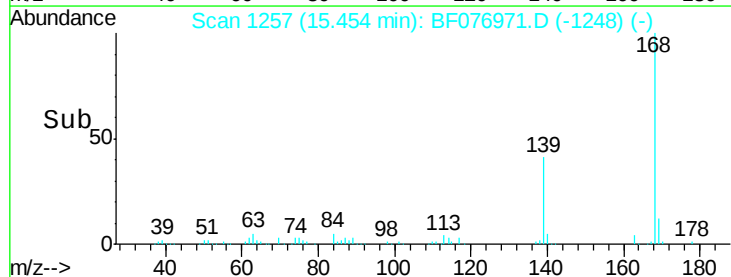
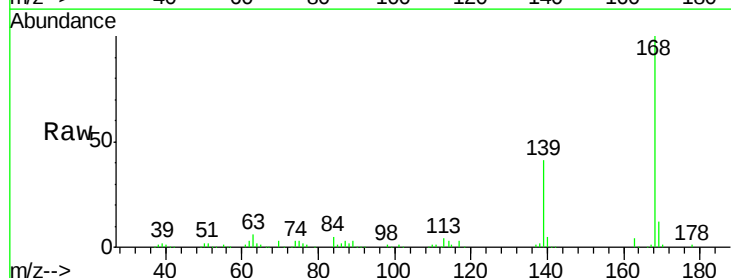
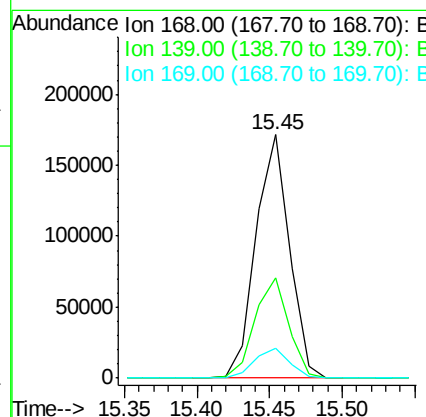
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#54
 Dibenzofuran
 Concen: 49.35 ng
 RT: 15.45 min Scan# 1257
 Delta R.T. 0.00 min
 Lab File: BF076971.D
 Acq: 20 Jan 2015 20:12

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.9	33.4	50.2
169	12.3	10.6	15.8





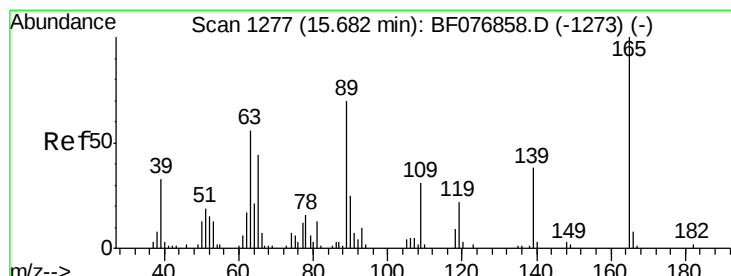
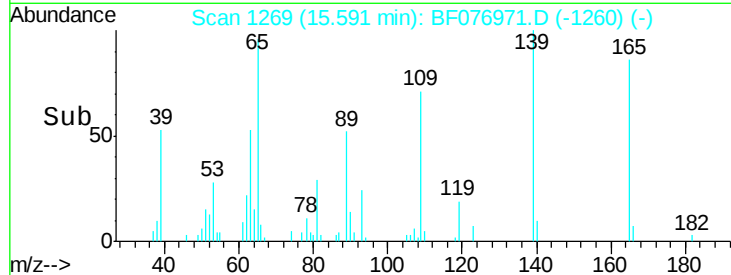
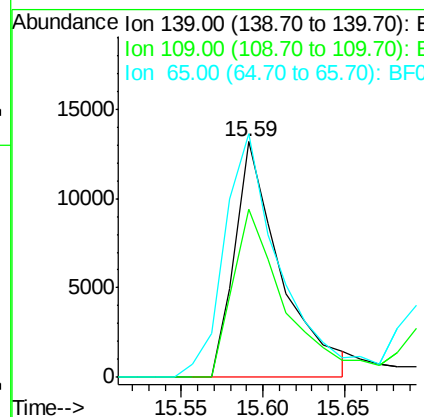
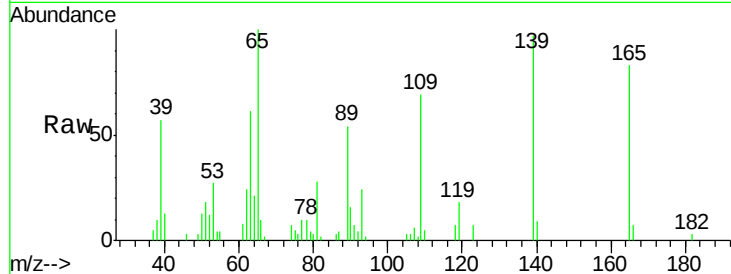
#55
4-Nitrophenol
Concen: 35.34 ng
RT: 15.59 min Scan# 1269
Delta R.T. 0.00 min
Lab File: BF076971.D
Acq: 20 Jan 2015 20:12

Instrument :
BNA_F
ClientSampleId :
MW-48MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	71.2	61.0	101.0	
65	103.3	96.6	136.6	

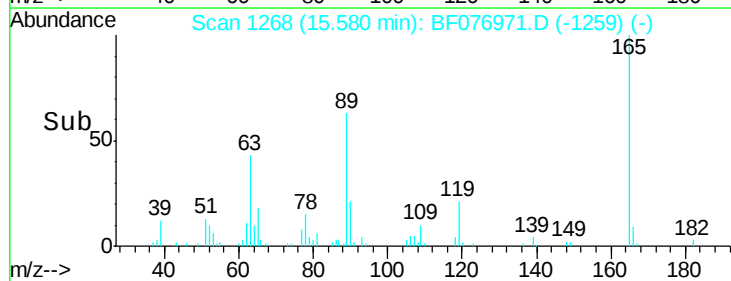
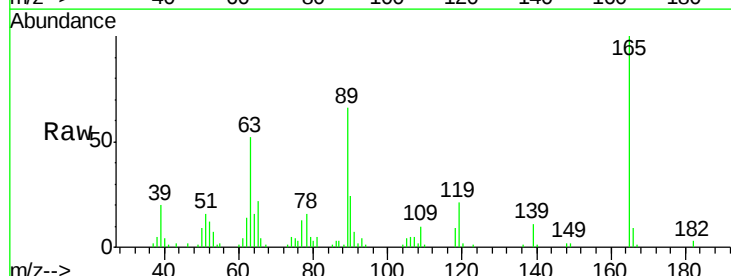
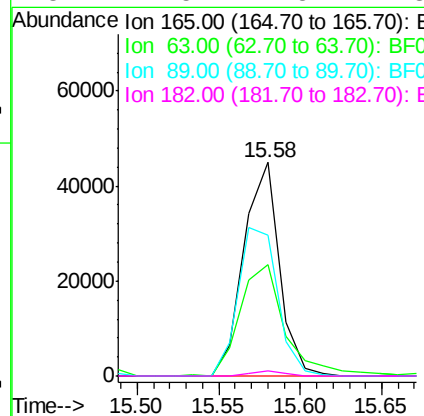
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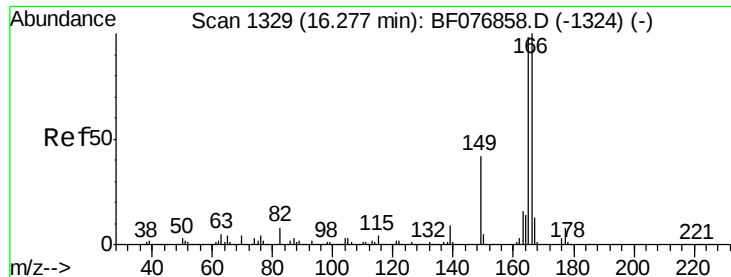
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#56
2,4-Dinitrotoluene
Concen: 48.66 ng
RT: 15.58 min Scan# 1268
Delta R.T. 0.00 min
Lab File: BF076971.D
Acq: 20 Jan 2015 20:12

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	52.2	44.8	67.2	
89	65.8	56.2	84.2	
182	2.5	1.5	2.3#	





#57

Fluorene

Concen: 47.69 ng

RT: 16.17 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF076971.D

Acq: 20 Jan 2015 20:12

Instrument :

BNA_F

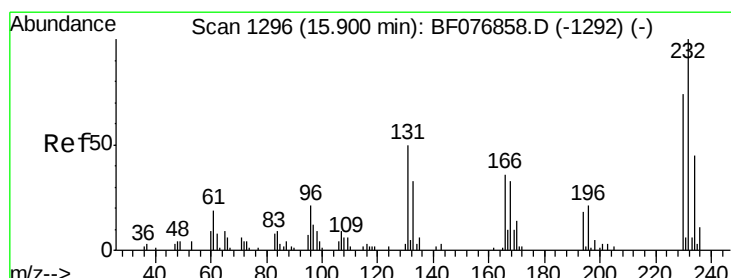
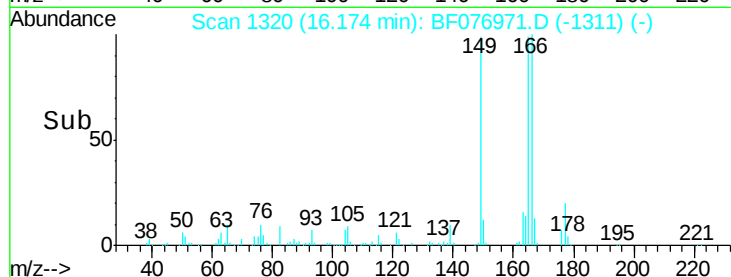
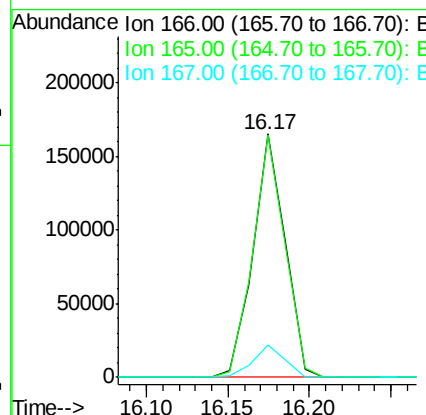
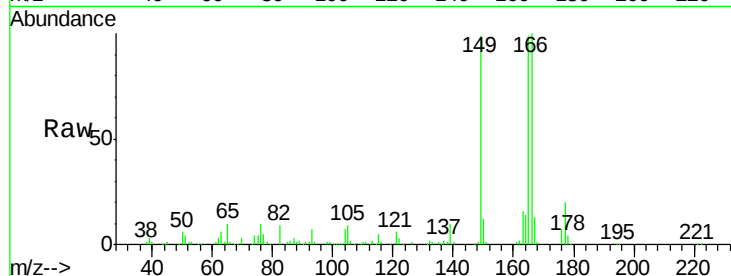
ClientSampleId :

MW-48MSD

Tot Ion:	166	Resp:	225885
Ion Ratio	Lower	Upper	
166	100		
165	99.4	78.5	117.7
167	13.2	10.4	15.6

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#58

2,3,4,6-Tetrachlorophenol

Concen: 48.76 ng

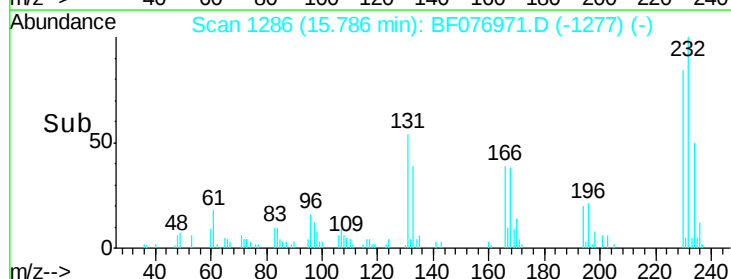
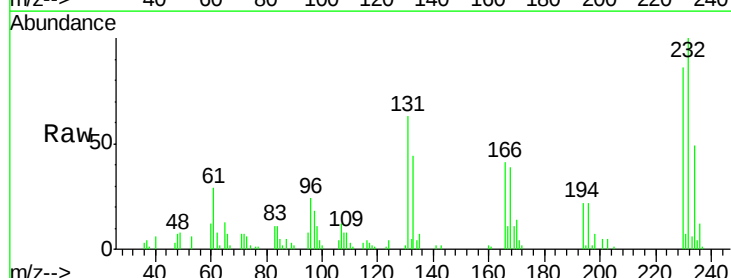
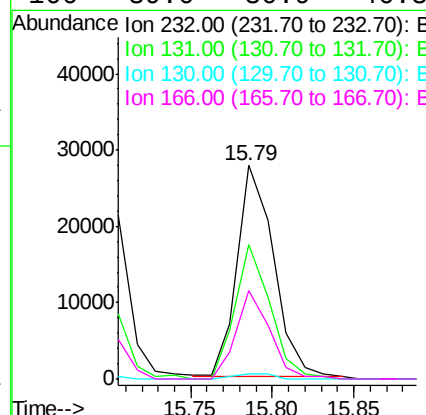
RT: 15.79 min Scan# 1286

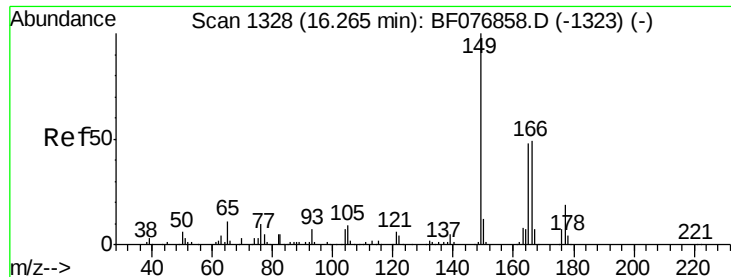
Delta R.T. 0.00 min

Lab File: BF076971.D

Acq: 20 Jan 2015 20:12

Tgt Ion:	232	Resp:	42880
Ion Ratio	Lower	Upper	
232	100		
131	61.5	45.0	67.6
130	2.7	2.6	3.8
166	39.0	30.9	46.3





#59

Diethylphthalate

Concen: 51.01 ng

RT: 16.17 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF076971.D

Acq: 20 Jan 2015 20:12

Instrument :

BNA_F

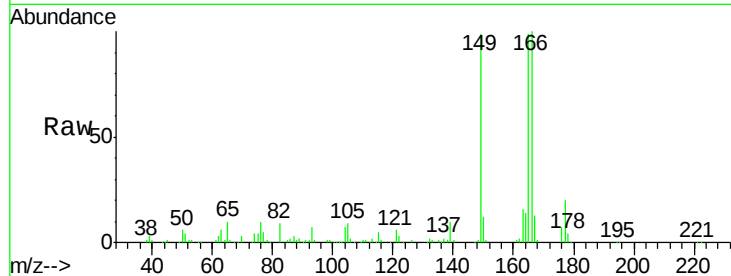
ClientSampleId :

MW-48MSD

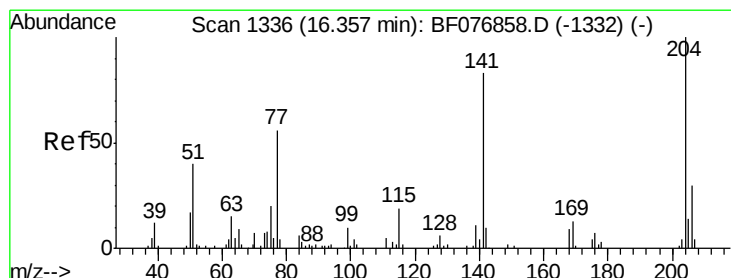
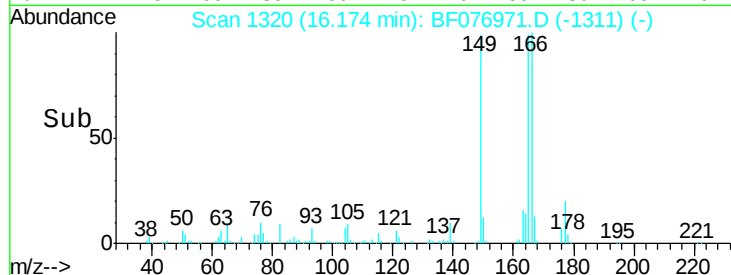
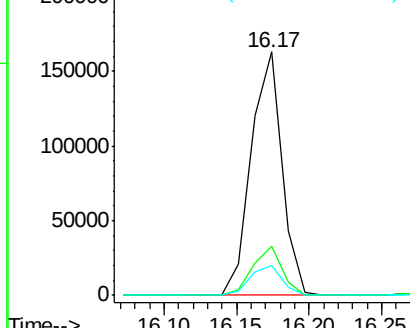
Tot Ion:	149	Resp:	240306
Ion Ratio	Lower	Upper	
149	100		
177	20.2	15.0	22.6
150	12.3	9.4	14.0

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



#60

4-Chlorophenyl-phenylether

Concen: 49.99 ng

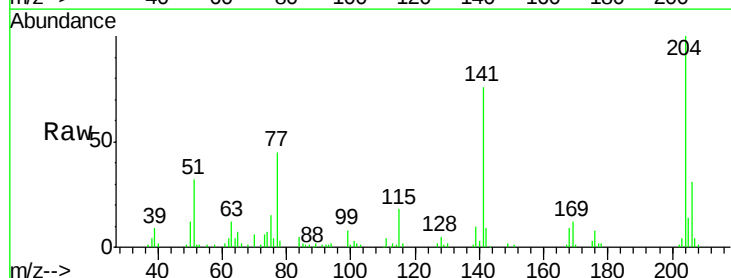
RT: 16.27 min Scan# 1328

Delta R.T. 0.00 min

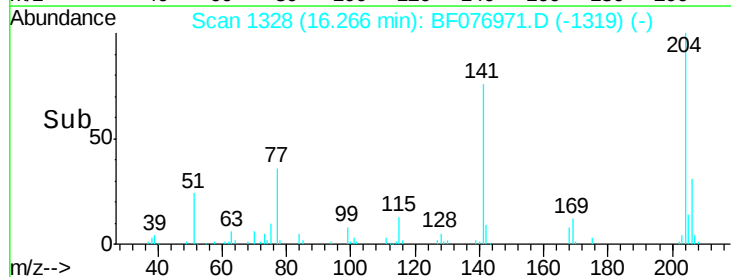
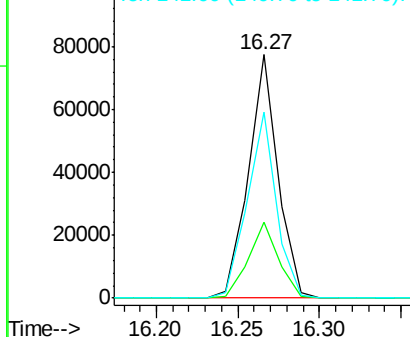
Lab File: BF076971.D

Acq: 20 Jan 2015 20:12

Tgt Ion:	204	Resp:	96865
Ion Ratio	Lower	Upper	
204	100		
206	31.4	24.2	36.2
141	76.2	66.7	100.1



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





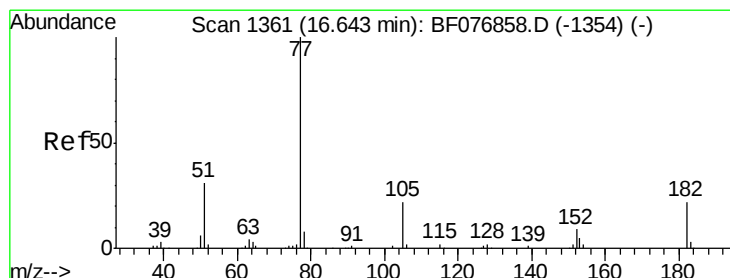
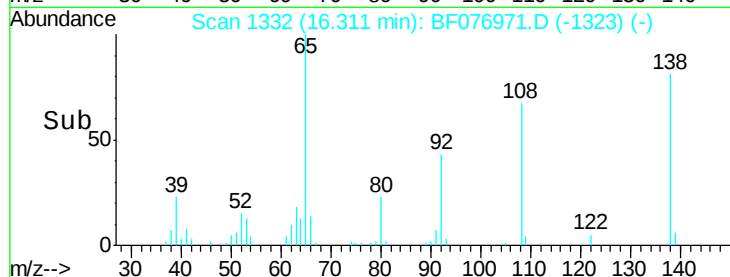
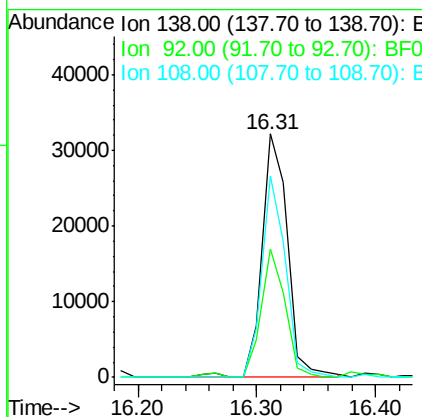
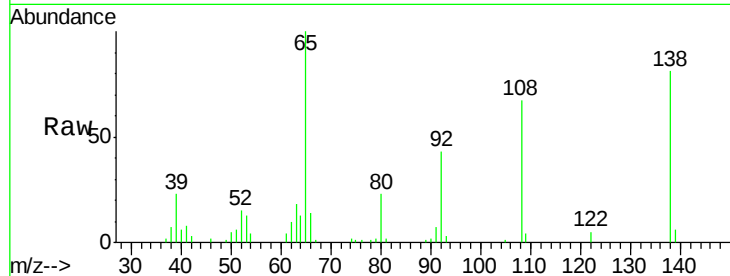
#61
4-Nitroaniline
Concen: 41.42 ng
RT: 16.31 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BF076971.D
Acq: 20 Jan 2015 20:12

Instrument :
BNA_F
ClientSampleId :
MW-48MSD

Tot Ion:138 Resp: 48384
Ion Ratio Lower Upper
138 100
92 52.9 26.7 66.7
108 82.7 64.5 104.5

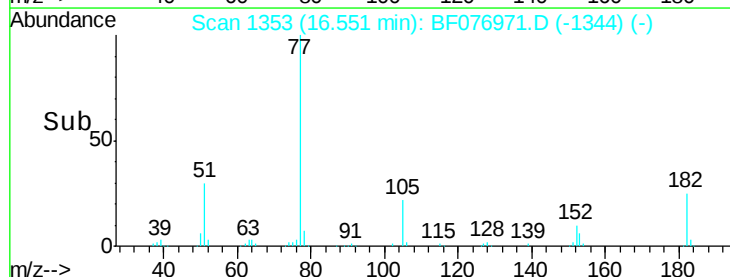
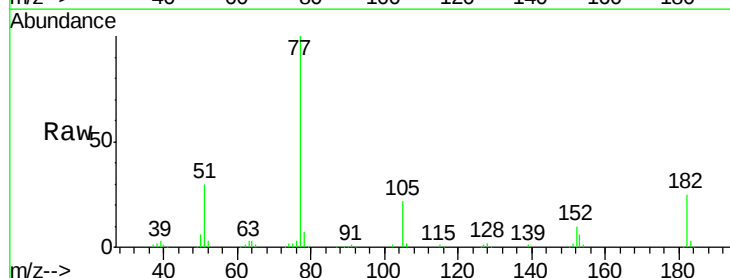
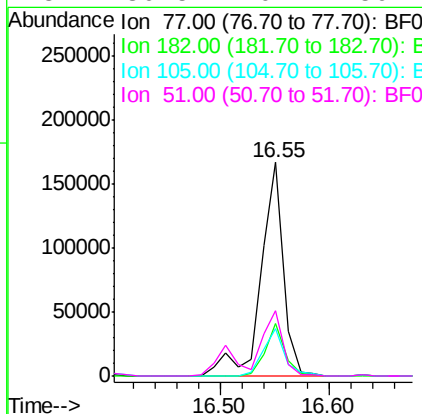
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#62
Azobenzene
Concen: 49.51 ng
RT: 16.55 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF076971.D
Acq: 20 Jan 2015 20:12

Tgt Ion: 77 Resp: 243036
Ion Ratio Lower Upper
77 100
182 24.6 2.0 42.0
105 22.4 2.3 42.3
51 30.5 10.7 50.7





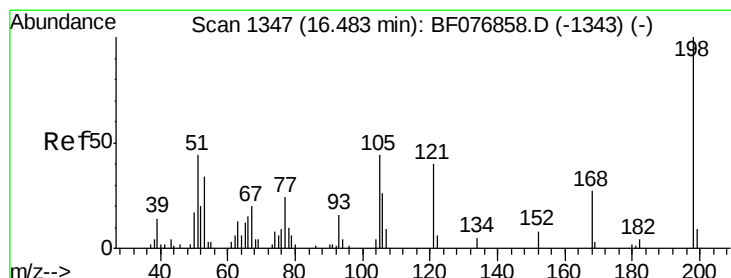
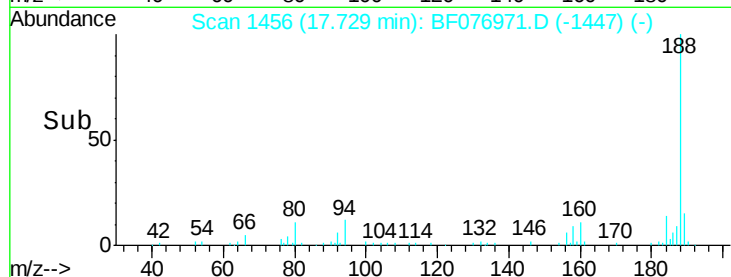
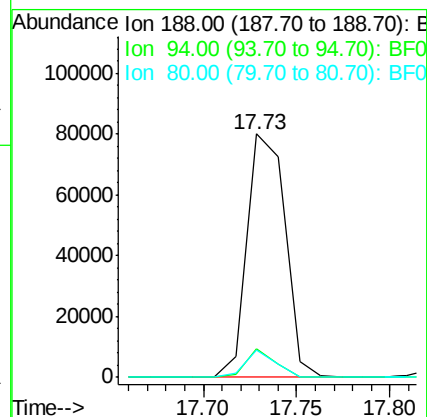
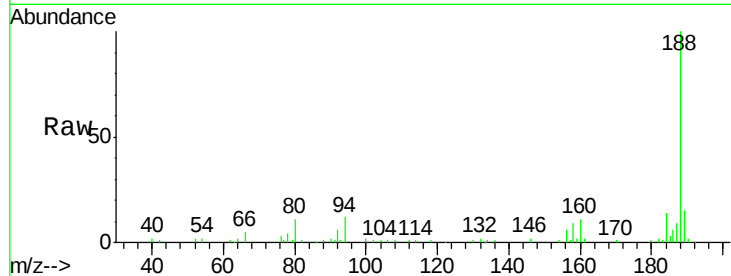
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.73 min Scan# 1456
Delta R.T. 0.00 min
Lab File: BF076971.D
Acq: 20 Jan 2015 20:12

Instrument :
BNA_F
ClientSampleId :
MW-48MSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	113232		
94	11.5	6.0	9.0#	
80	11.2	6.9	10.3#	

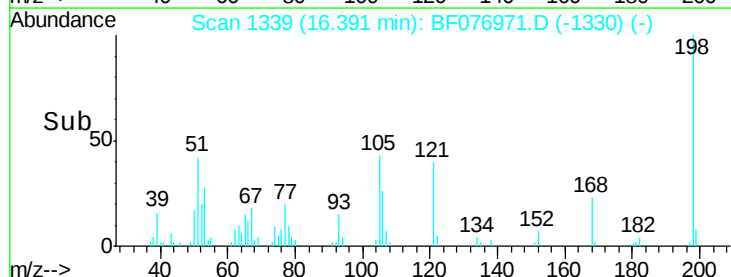
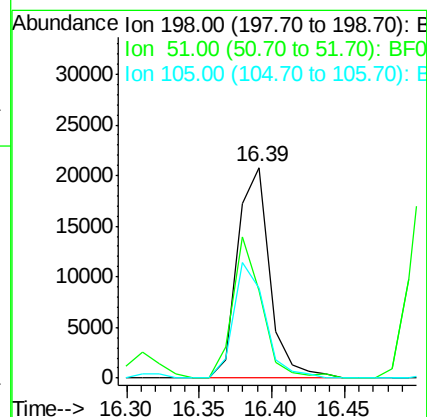
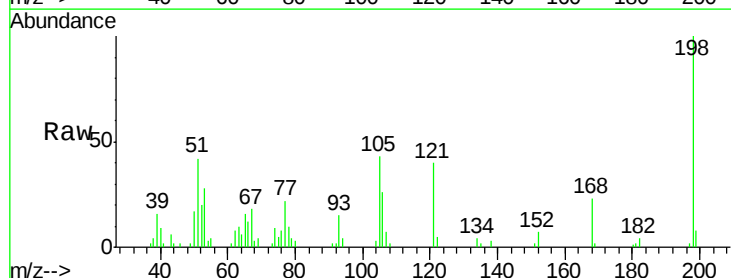
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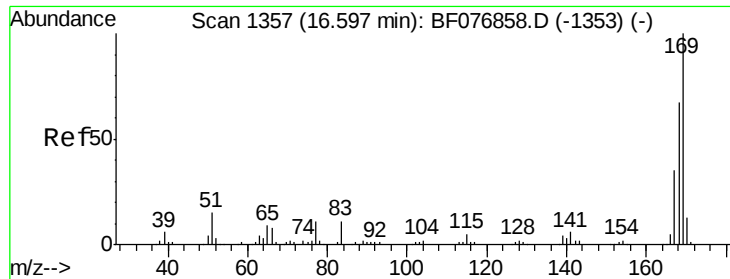
tejaskumar
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#64
4,6-Dinitro-2-methylphenol
Concen: 44.31 ng
RT: 16.39 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BF076971.D
Acq: 20 Jan 2015 20:12

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	32044		
51	41.5	24.2	64.2	
105	42.7	24.0	64.0	





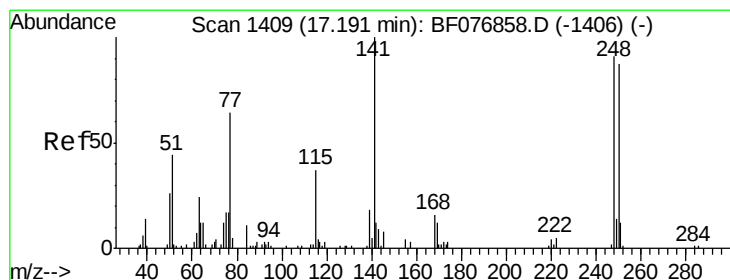
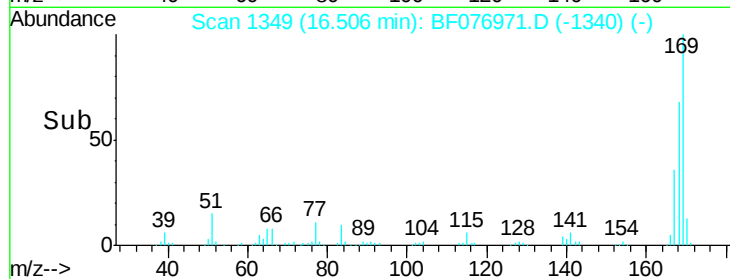
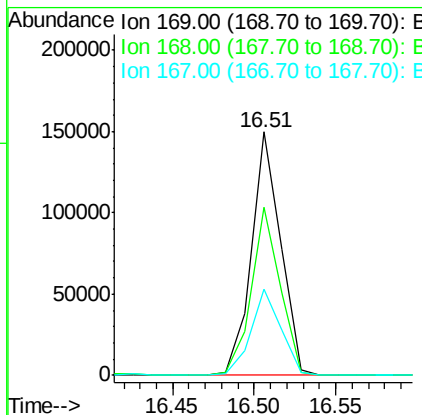
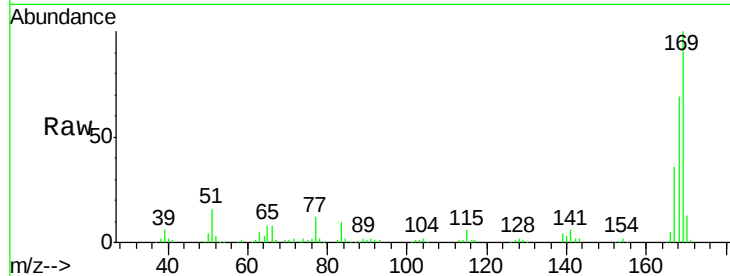
#65
n-Nitrosodiphenylamine
Concen: 46.00 ng
RT: 16.51 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BF076971.D
Acq: 20 Jan 2015 20:12

Instrument :
BNA_F
ClientSampleId :
MW-48MSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	185721		
168	69.0		53.8	80.6
167	35.5		27.8	41.6

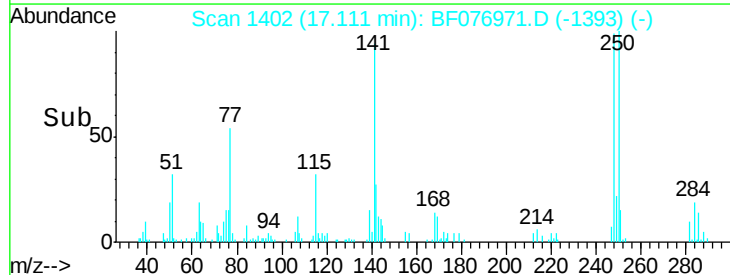
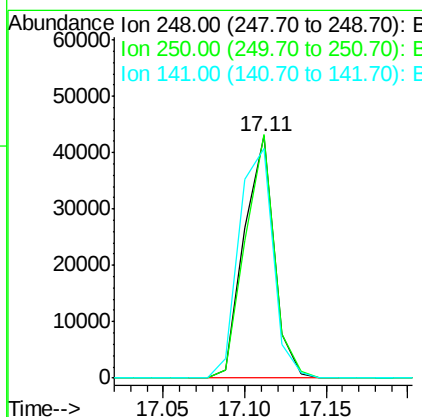
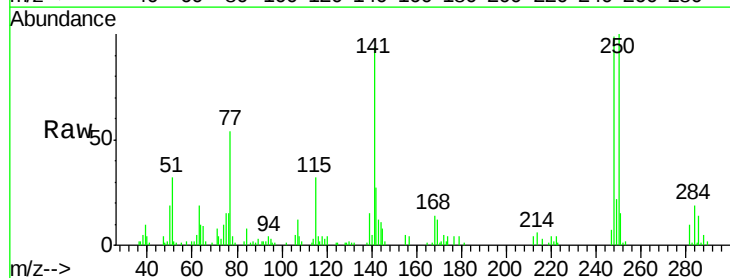
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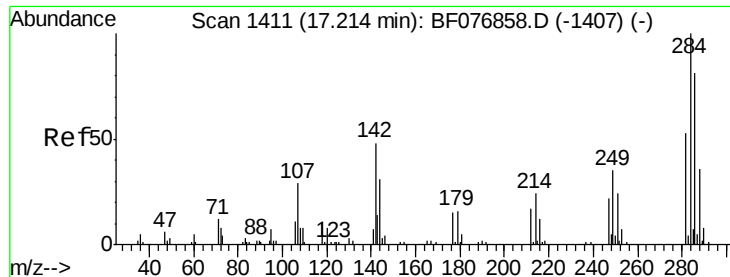
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#66
4-Bromophenyl-phenylether
Concen: 47.61 ng
RT: 17.11 min Scan# 1402
Delta R.T. 0.00 min
Lab File: BF076971.D
Acq: 20 Jan 2015 20:12

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	54613		
250	100.6		77.1	115.7
141	94.7		88.2	132.4





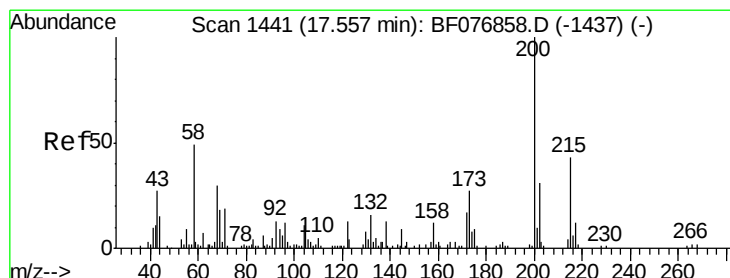
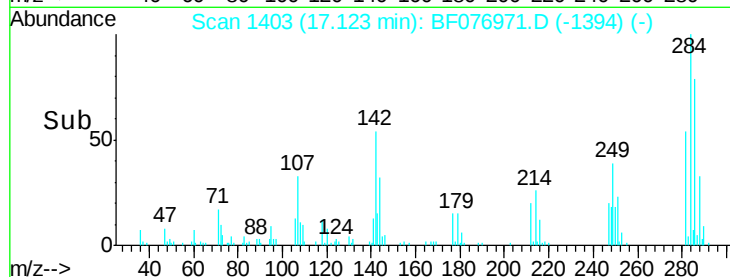
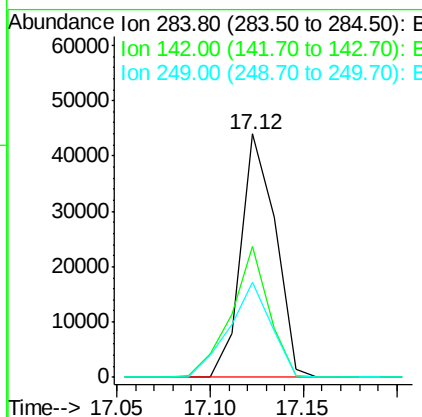
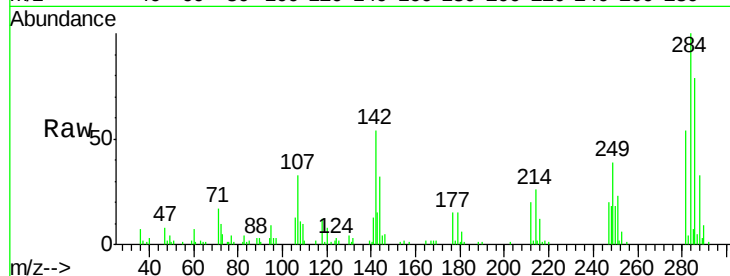
#67
Hexachlorobenzene
Concen: 46.86 ng
RT: 17.12 min Scan# 1403
Delta R.T. 0.00 min
Lab File: BF076971.D
Acq: 20 Jan 2015 20:12

Instrument :
BNA_F
ClientSampleId :
MW-48MSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100	56646		
142	53.6		38.2	57.4
249	39.0		28.2	42.2

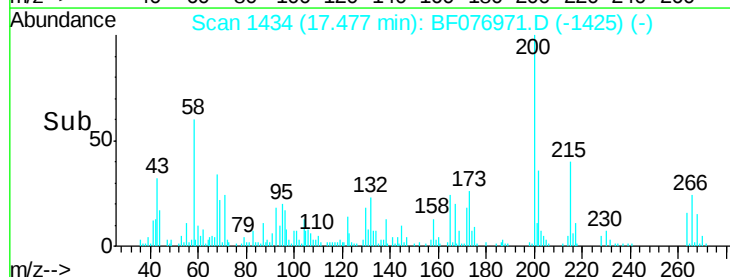
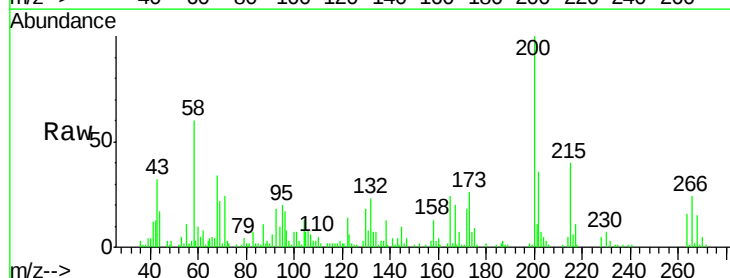
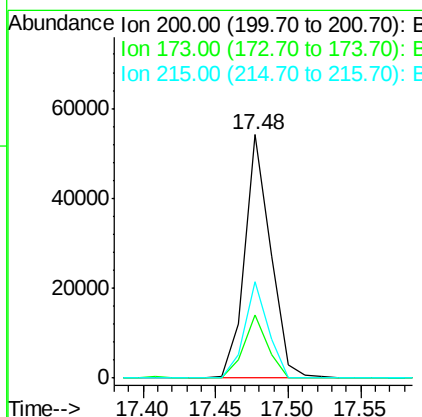
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#68
Atrazine
Concen: 54.96 ng
RT: 17.48 min Scan# 1434
Delta R.T. 0.00 min
Lab File: BF076971.D
Acq: 20 Jan 2015 20:12

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	67337		
173	25.8		6.6	46.6
215	39.5		22.9	62.9





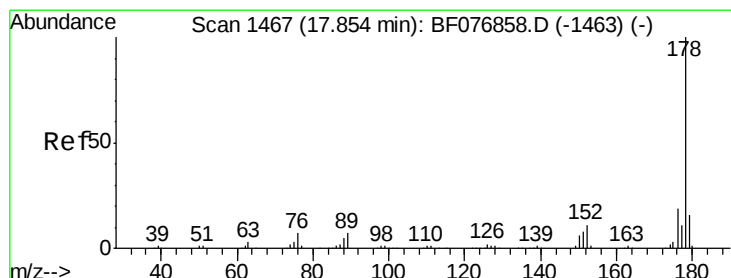
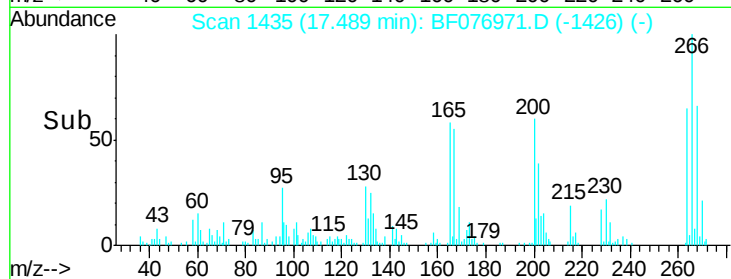
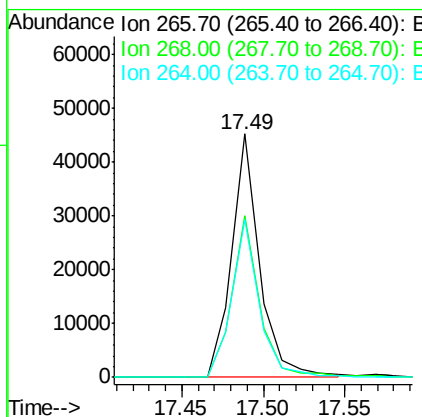
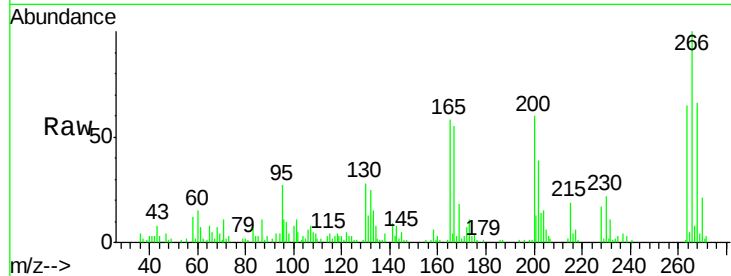
#69
 Pentachlorophenol
 Concen: 95.11 ng
 RT: 17.49 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: BF076971.D
 Acq: 20 Jan 2015 20:12

Instrument :
 BNA_F
 ClientSampleId :
 MW-48MSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	66.3	48.6	72.8
264	64.7	49.5	74.3

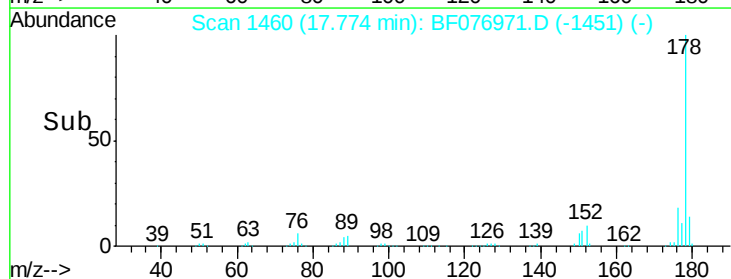
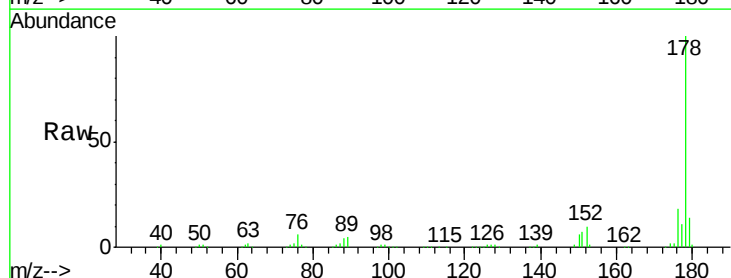
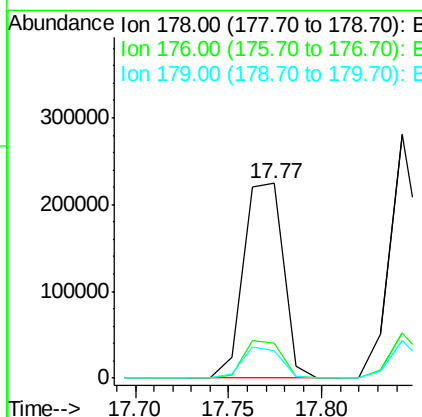
Manual Integrations
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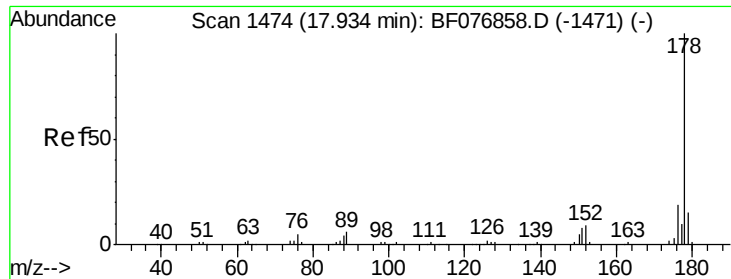
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#70
 Phenanthrene
 Concen: 46.83 ng
 RT: 17.77 min Scan# 1460
 Delta R.T. 0.00 min
 Lab File: BF076971.D
 Acq: 20 Jan 2015 20:12

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.1	22.7
179	14.2	12.7	19.1





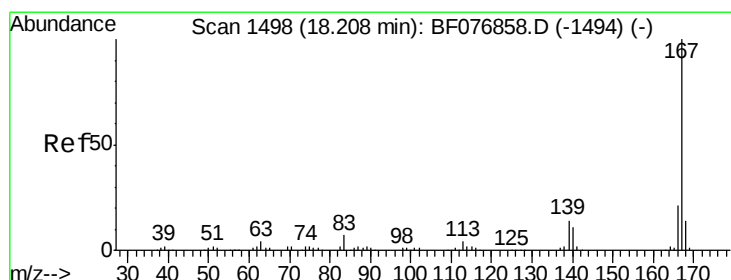
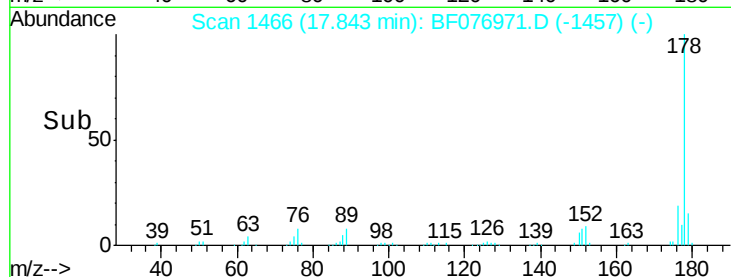
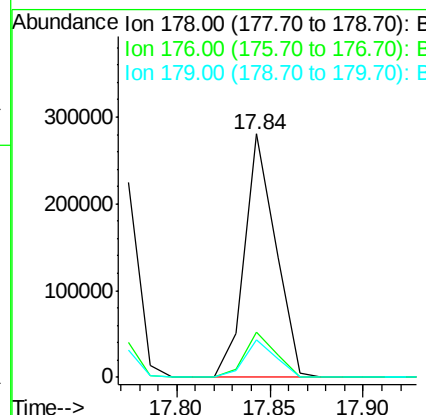
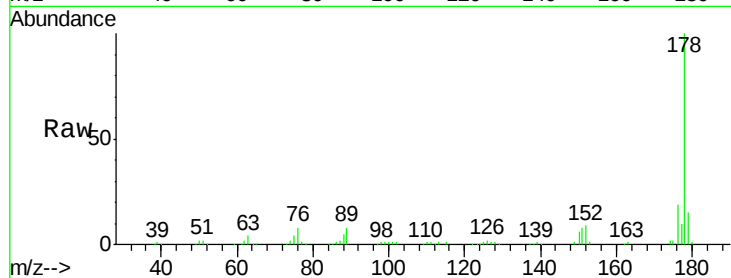
#71
 Anthracene
 Concen: 47.33 ng
 RT: 17.84 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: BF076971.D
 Acq: 20 Jan 2015 20:12

Instrument :
 BNA_F
 ClientSampleId :
 MW-48MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.0
179	15.2	11.9	17.9

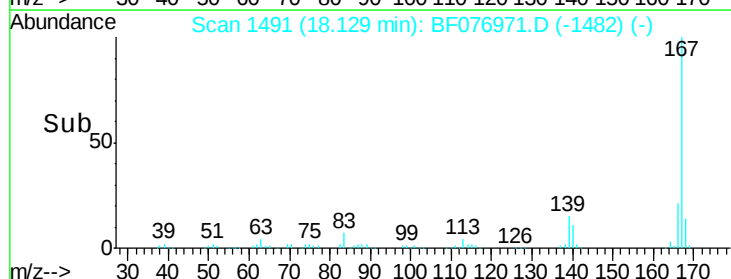
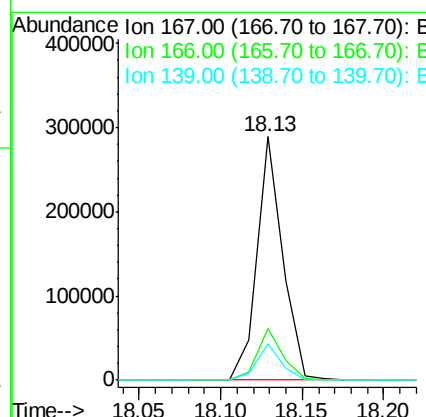
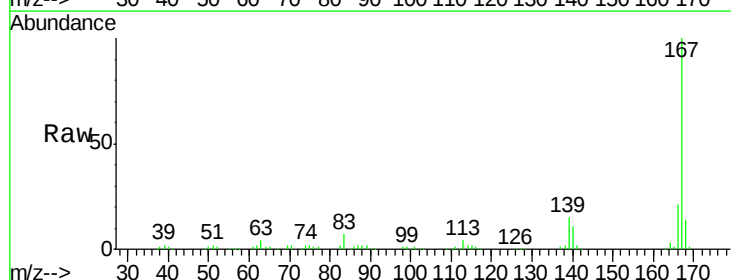
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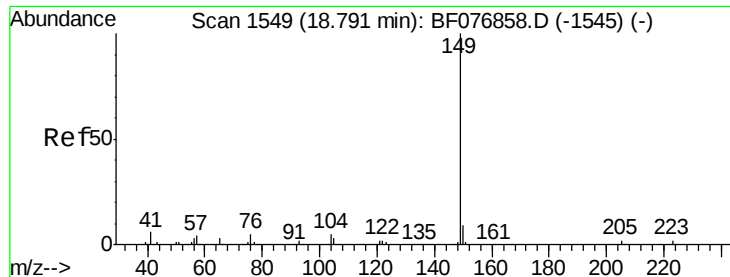
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#72
 Carbazole
 Concen: 47.36 ng
 RT: 18.13 min Scan# 1491
 Delta R.T. 0.00 min
 Lab File: BF076971.D
 Acq: 20 Jan 2015 20:12

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.0	25.6
139	14.8	11.3	16.9





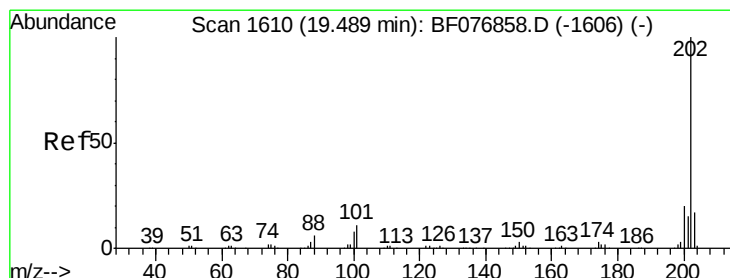
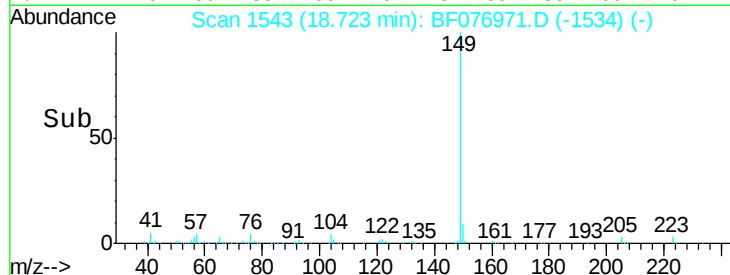
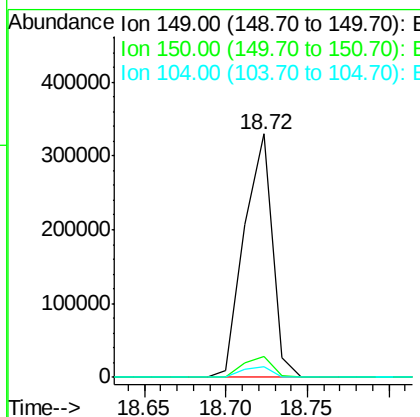
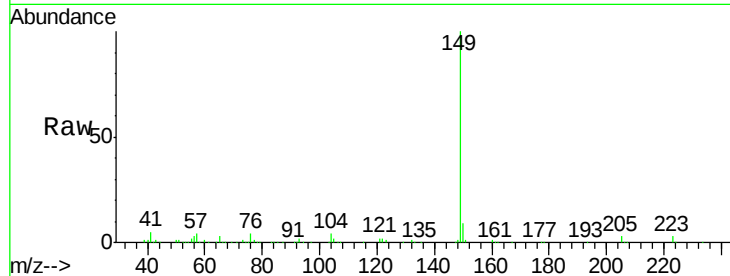
#73
Di-n-butylphthalate
Concen: 50.67 ng
RT: 18.72 min Scan# 1543
Delta R.T. 0.00 min
Lab File: BF076971.D
Acq: 20 Jan 2015 20:12

Instrument :
BNA_F
ClientSampleId :
MW-48MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	391730		
150	8.8	6.9	10.3	
104	4.5	3.7	5.5	

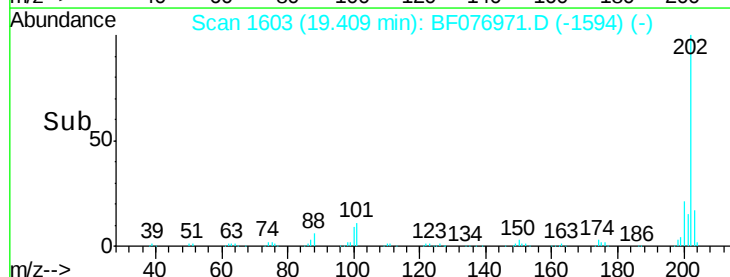
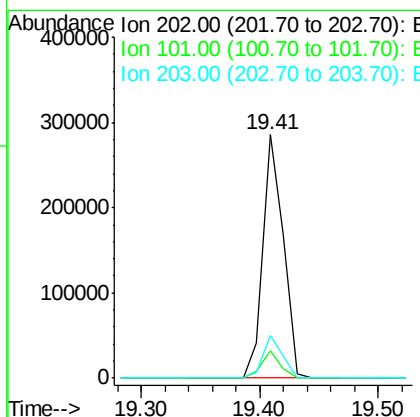
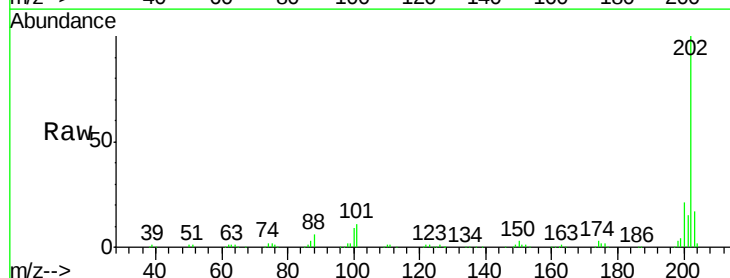
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#74
Fluoranthene
Concen: 47.80 ng
RT: 19.41 min Scan# 1603
Delta R.T. 0.00 min
Lab File: BF076971.D
Acq: 20 Jan 2015 20:12

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	345862		
101	11.4	0.0	30.7	
203	17.4	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: BF076971.D

Acq: 20 Jan 2015 20:12

Instrument :

BNA_F

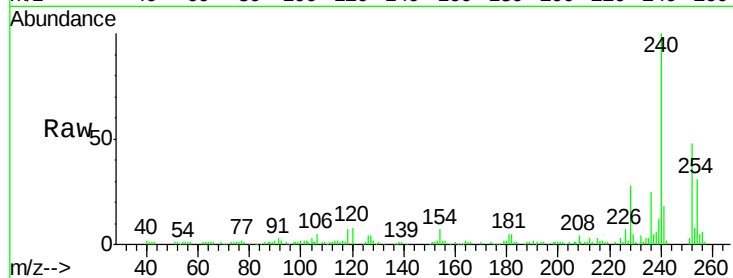
ClientSampleId :

MW-48MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	8.1	10.4	15.6#
236	25.4	20.2	30.2

Manual Integrations
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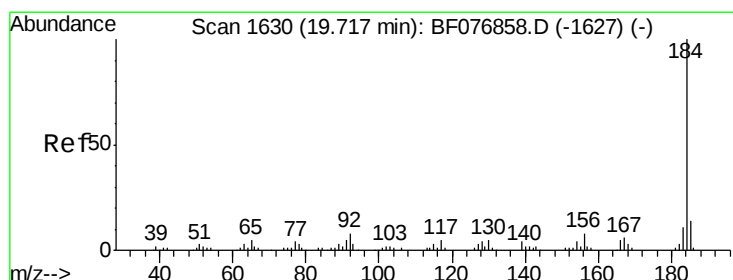
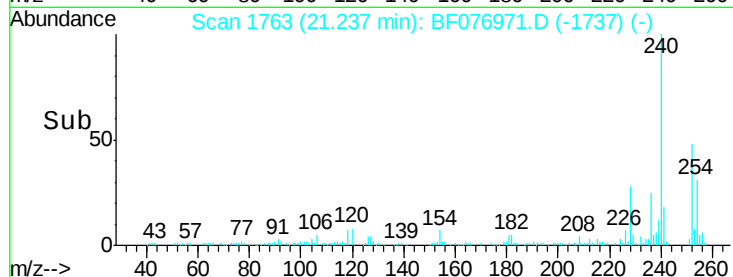
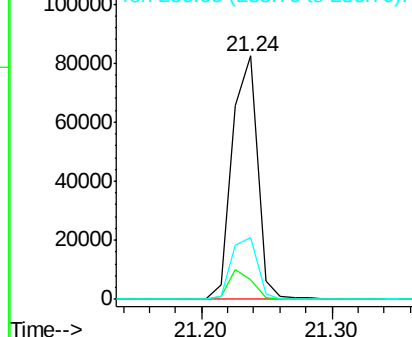
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 9.15 ng

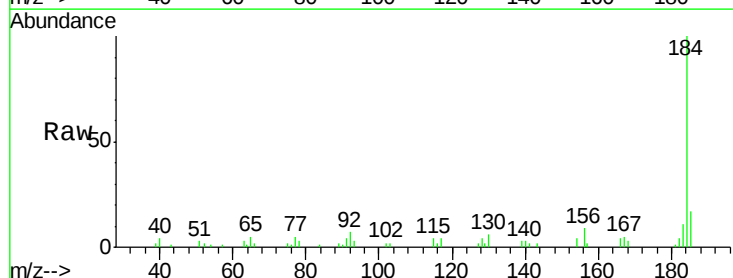
RT: 19.65 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BF076971.D

Acq: 20 Jan 2015 20:12

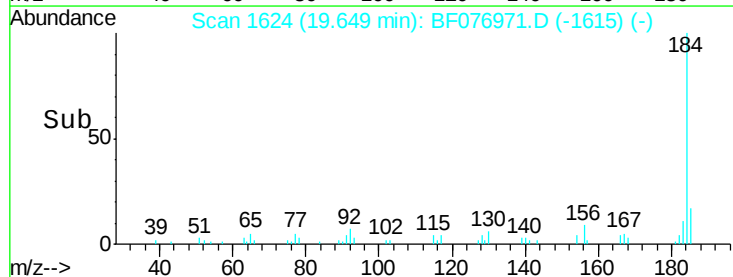
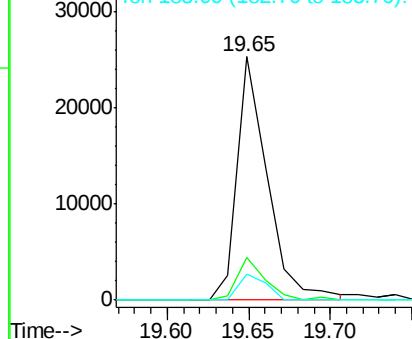
Tgt Ion	Ratio	Lower	Upper
184	100		
185	17.3	11.4	17.2#
183	10.6	9.0	13.6

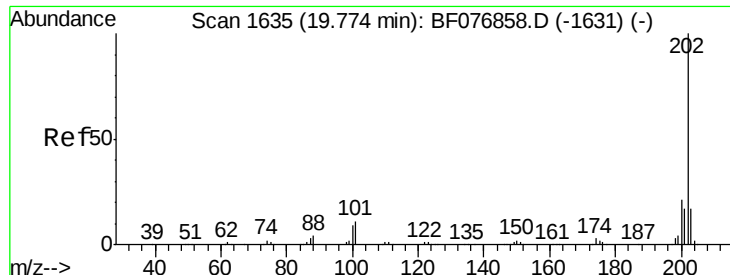


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





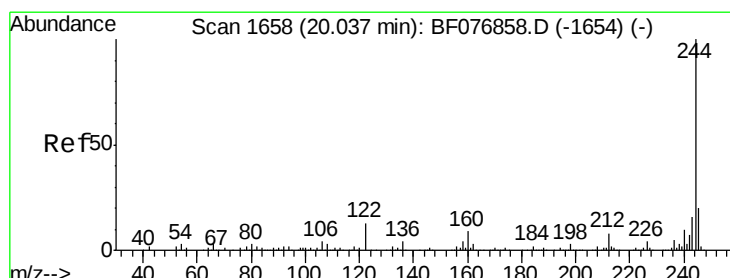
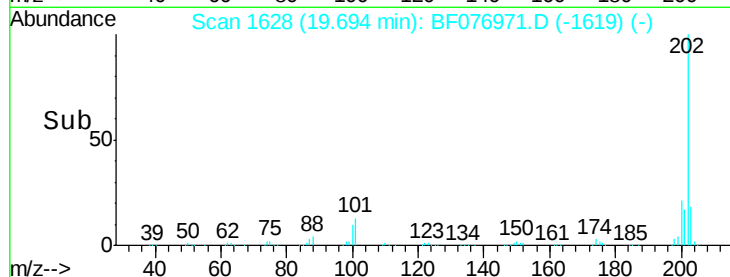
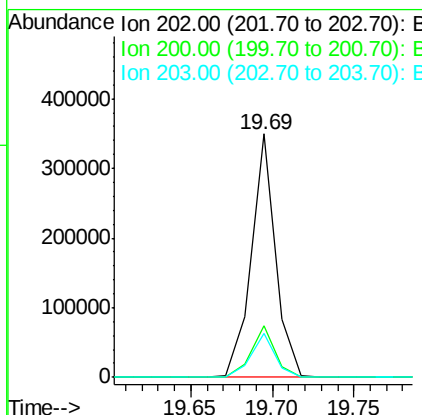
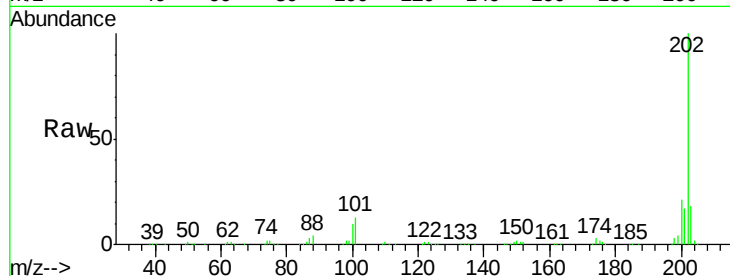
#77
Pvrene
Concen: 47.48 ng
RT: 19.69 min Scan# 1628
Delta R.T. 0.00 min
Lab File: BF076971.D
Acq: 20 Jan 2015 20:12

Instrument :
BNA_F
ClientSampleId :
MW-48MSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.2	16.7	25.1
203	17.8	14.0	21.0

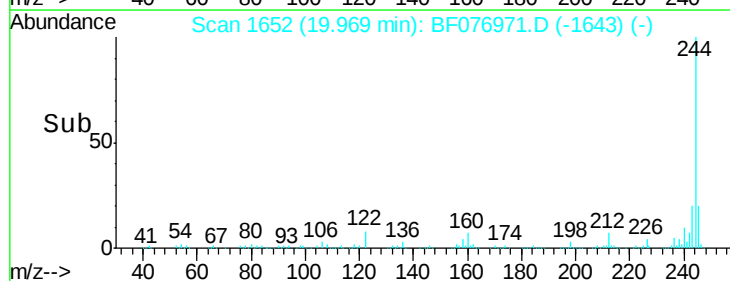
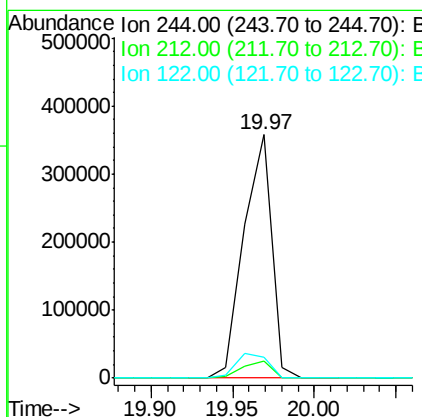
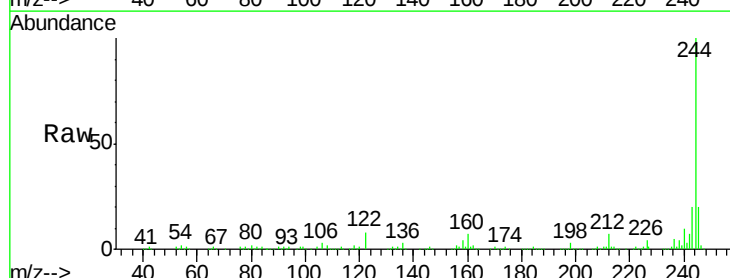
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#78
Terphenyl-d14
Concen: 88.25 ng
RT: 19.97 min Scan# 1652
Delta R.T. 0.00 min
Lab File: BF076971.D
Acq: 20 Jan 2015 20:12

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.0	6.3	9.5
122	8.4	10.1	15.1#





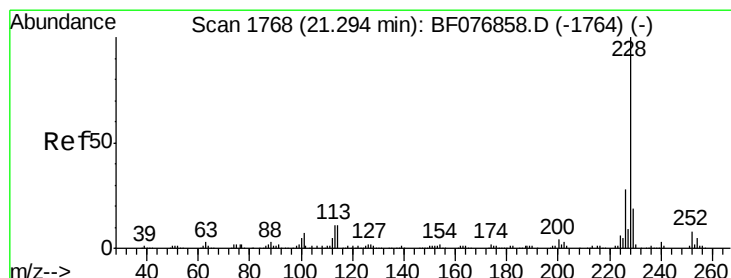
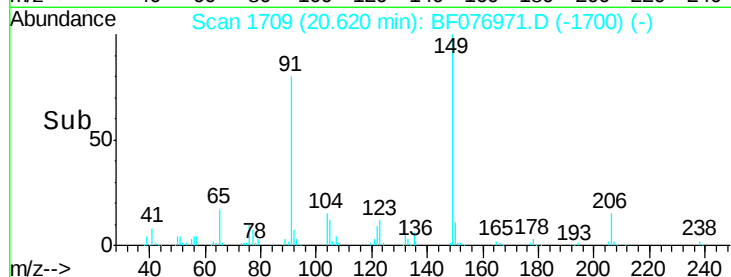
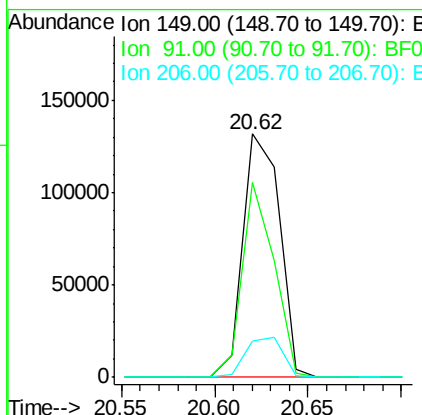
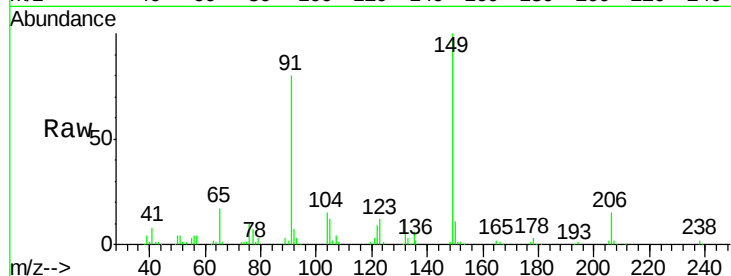
#79
Butylbenzylphthalate
Concen: 52.42 ng
RT: 20.62 min Scan# 1709
Delta R.T. 0.00 min
Lab File: BF076971.D
Acq: 20 Jan 2015 20:12

Instrument :
BNA_F
ClientSampleId :
MW-48MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	179738		
91	80.0	50.6	76.0#	
206	14.8	12.8	19.2	

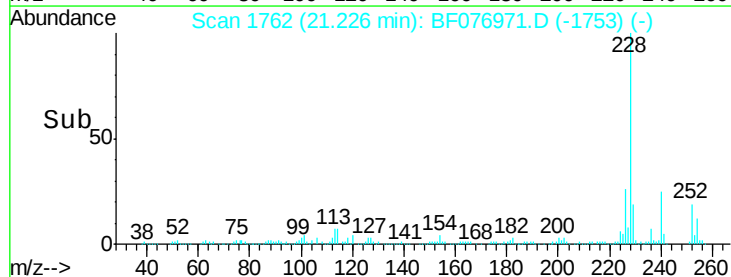
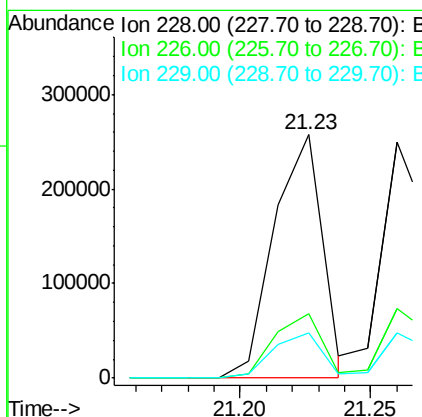
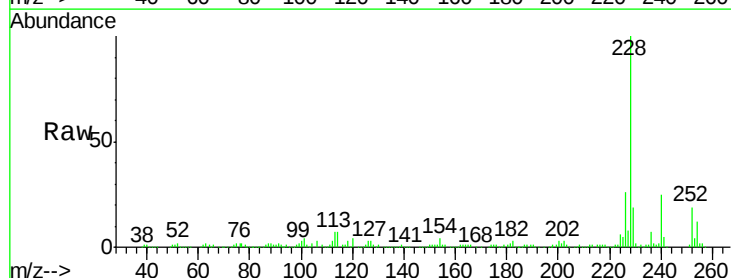
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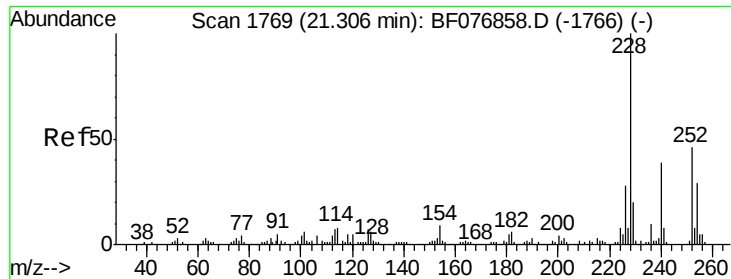
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#80
Benzo(a)anthracene
Concen: 47.61 ng
RT: 21.23 min Scan# 1762
Delta R.T. 0.00 min
Lab File: BF076971.D
Acq: 20 Jan 2015 20:12

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	329969		
226	26.4	22.1	33.1	
229	18.6	15.5	23.3	





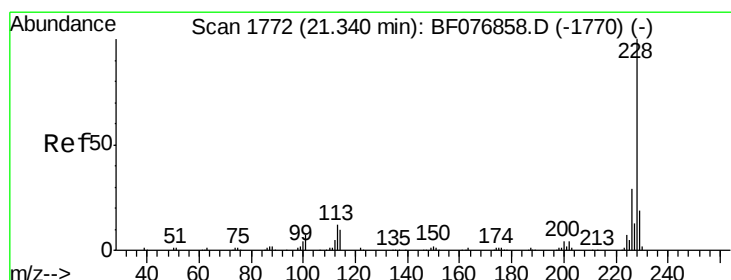
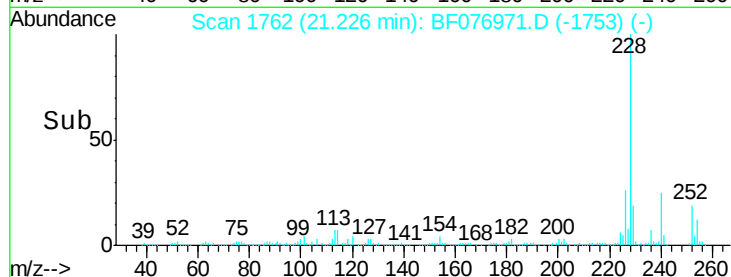
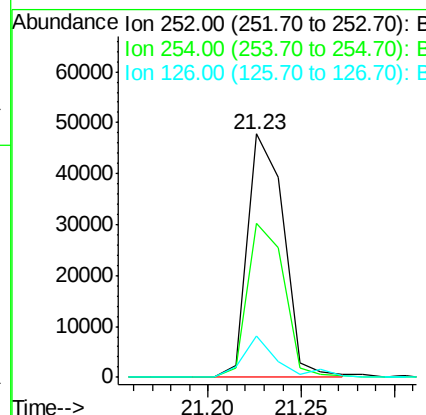
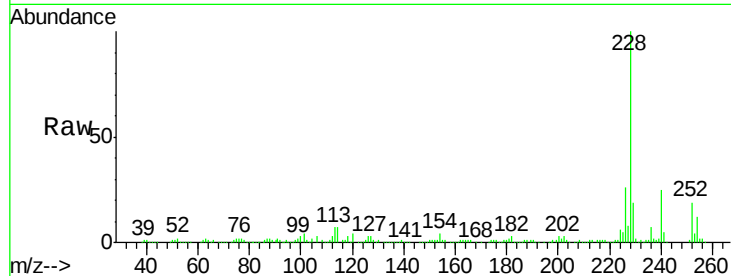
#81
 3,3'-Dichlorobenzidine
 Concen: 29.32 ng
 RT: 21.23 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: BF076971.D
 Acq: 20 Jan 2015 20:12

Instrument :
 BNA_F
 ClientSampleId :
 MW-48MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.1	50.2	75.4
126	16.9	11.5	17.3

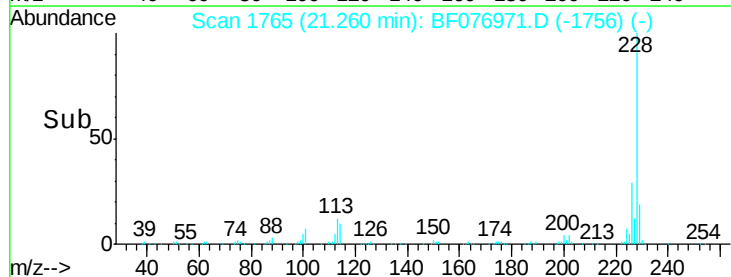
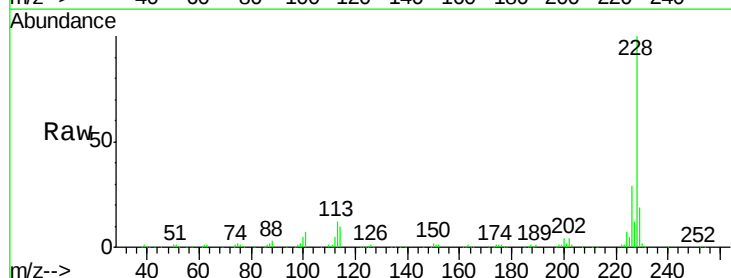
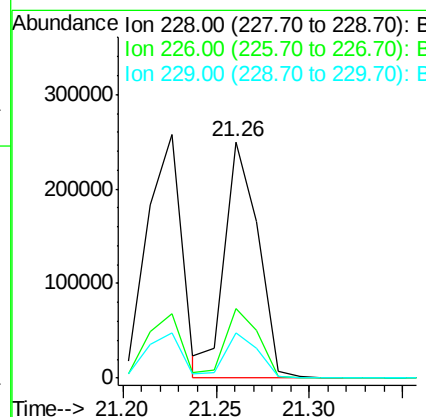
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#82
 Chrysene
 Concen: 49.27 ng
 RT: 21.26 min Scan# 1765
 Delta R.T. 0.00 min
 Lab File: BF076971.D
 Acq: 20 Jan 2015 20:12

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.4	35.0
229	19.1	15.4	23.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 55.77 ng

RT: 21.36 min Scan# 1774

Delta R.T. 0.00 min

Lab File: BF076971.D

Acq: 20 Jan 2015 20:12

Instrument :

BNA_F

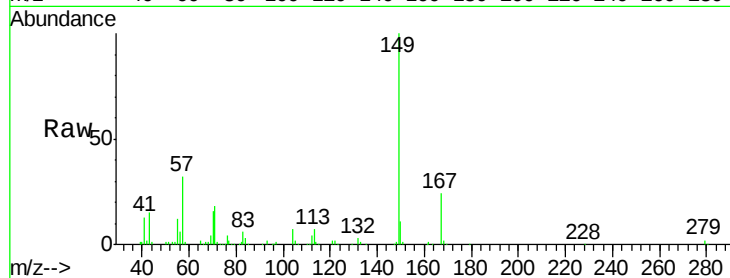
ClientSampleId :

MW-48MSD

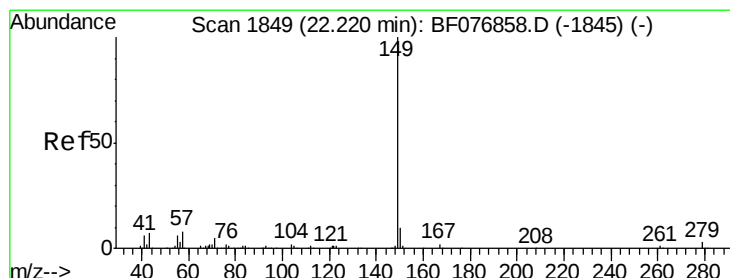
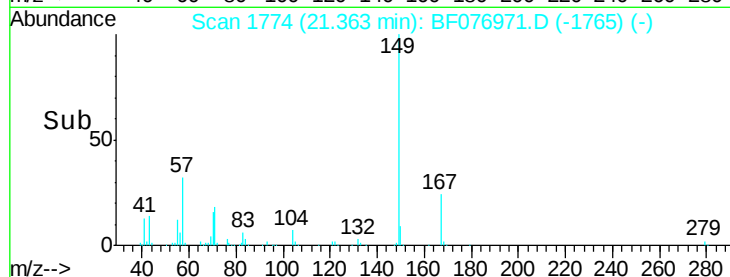
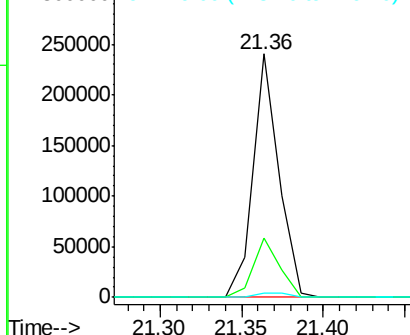
Tot Ion:	149	Resp:	264585
Ion Ratio	Lower	Upper	
149	100		
167	24.2	20.6	30.8
279	1.7	2.2	3.2#

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



#84

Di-n-octyl phthalate

Concen: 55.66 ng

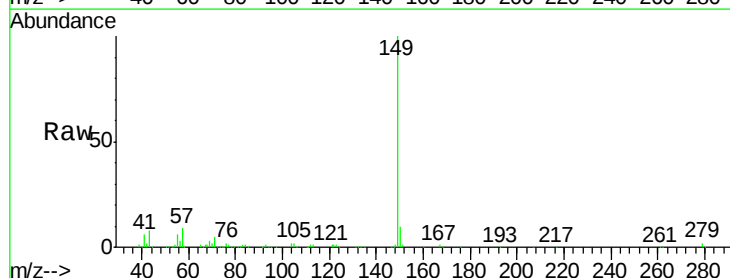
RT: 22.13 min Scan# 1841

Delta R.T. 0.00 min

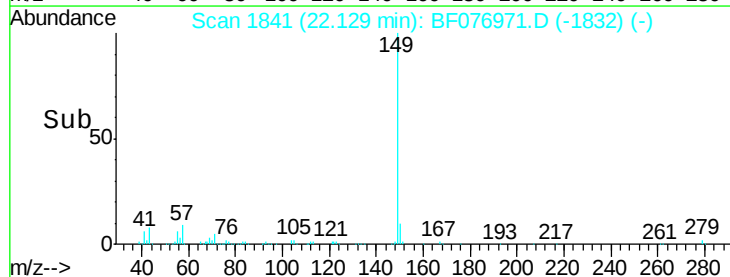
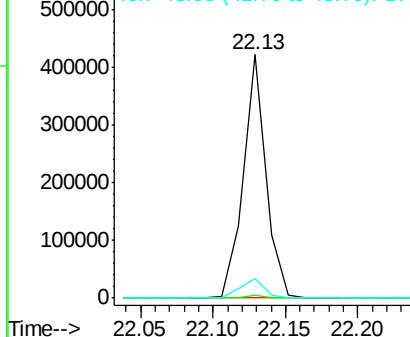
Lab File: BF076971.D

Acq: 20 Jan 2015 20:12

Tgt Ion:	149	Resp:	458273
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.1	1.7
43	8.6	6.6	10.0



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





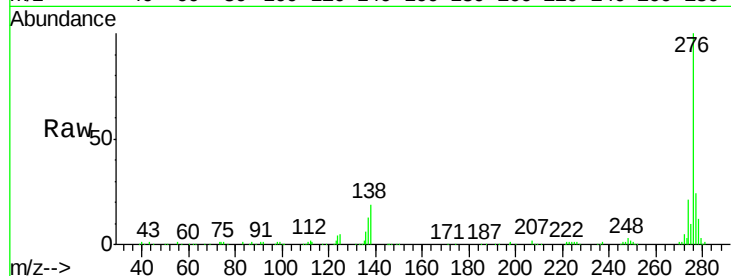
#85
Indeno(1,2,3-cd)pyrene
Concen: 42.97 ng
RT: 23.97 min Scan# 2002
Delta R.T. 0.00 min
Lab File: BF076971.D
Acq: 20 Jan 2015 20:12

Instrument :
BNA_F
ClientSampleId :
MW-48MSD

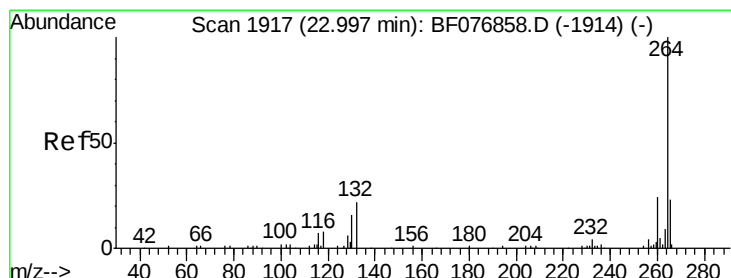
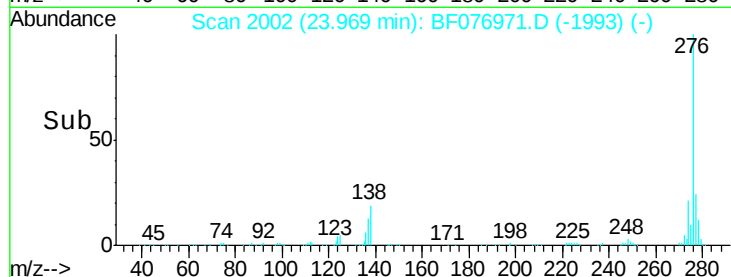
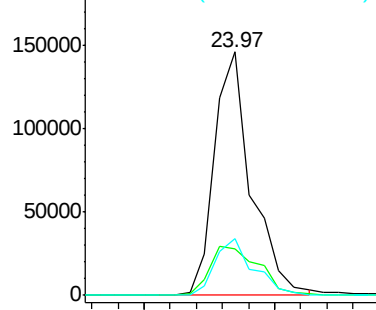
Tot Ion	Ratio	Lower	Upper
276	100		
138	26.6	14.6	22.0#
277	24.7	14.8	22.2#

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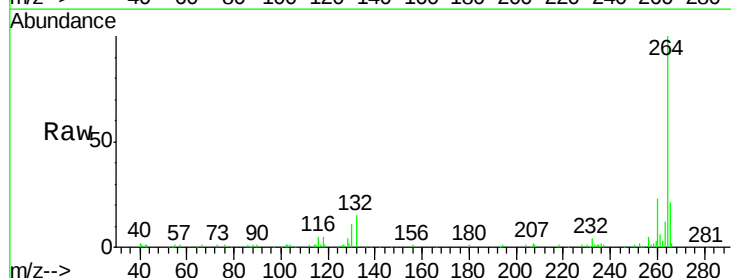


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

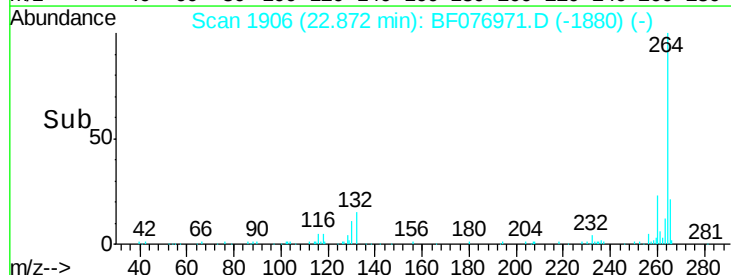
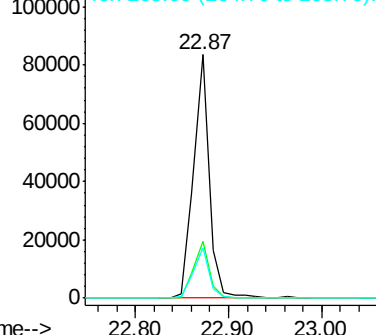


#86
Perylene-d12
Concen: 20.00 ng
RT: 22.87 min Scan# 1906
Delta R.T. 0.00 min
Lab File: BF076971.D
Acq: 20 Jan 2015 20:12

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.0	28.4
265	20.7	18.1	27.1



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 49.21 ng

RT: 22.47 min Scan# 1871

Delta R.T. 0.00 min

Lab File: BF076971.D

Acq: 20 Jan 2015 20:12

Instrument :

BNA_F

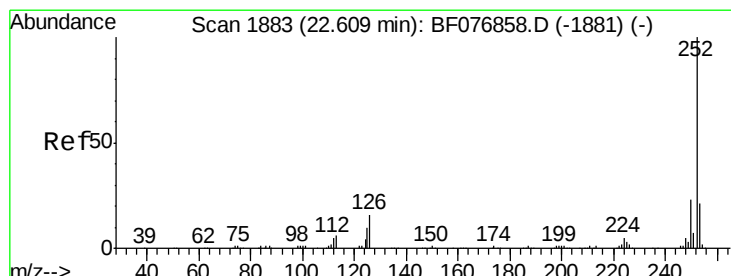
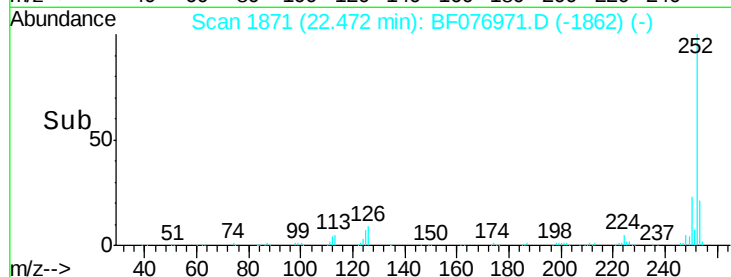
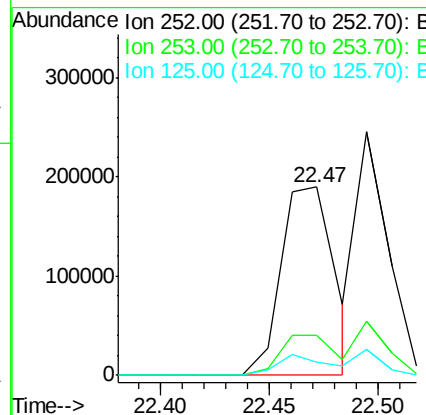
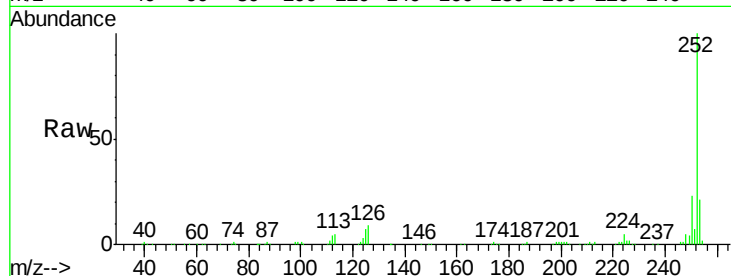
ClientSampleId :

MW-48MSD

Tot Ion:	252	Resp:	324587
Ion Ratio	Lower	Upper	
252	100		
253	21.2	17.5	26.3
125	6.9	9.4	14.0#

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#88

Benzo(k)fluoranthene

Concen: 44.23 ng m

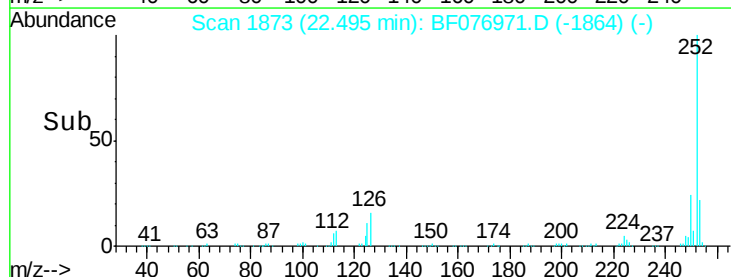
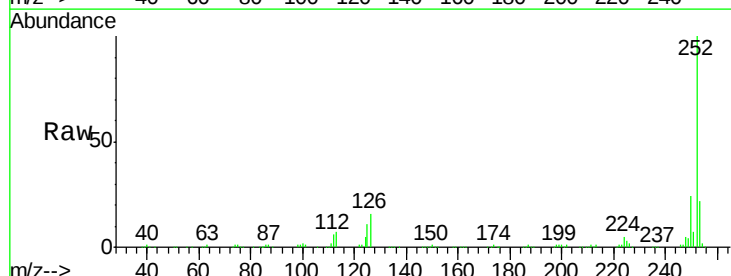
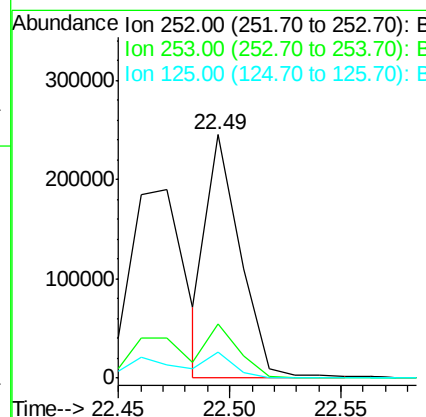
RT: 22.49 min Scan# 1873

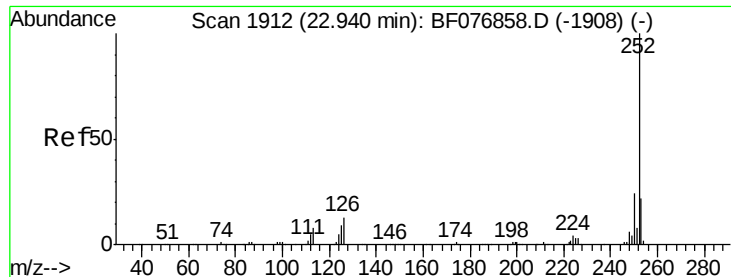
Delta R.T. 0.00 min

Lab File: BF076971.D

Acq: 20 Jan 2015 20:12

Tgt Ion:	252	Resp:	254881
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.2	25.8
125	10.6	7.1	10.7





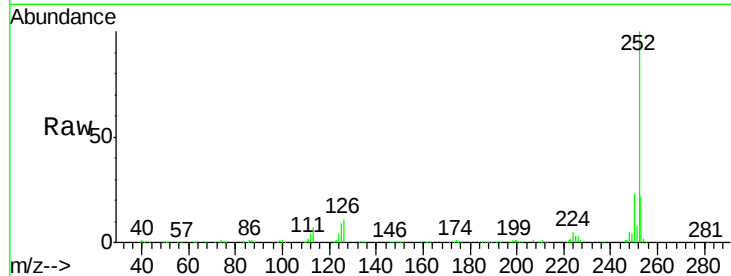
#89
Benzo(a)pyrene
Concen: 48.87 ng
RT: 22.81 min Scan# 1901
Delta R.T. 0.00 min
Lab File: BF076971.D
Acq: 20 Jan 2015 20:12

Instrument :
BNA_F
ClientSampleId :
MW-48MSD

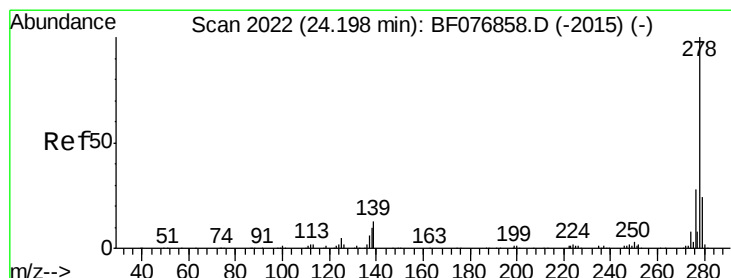
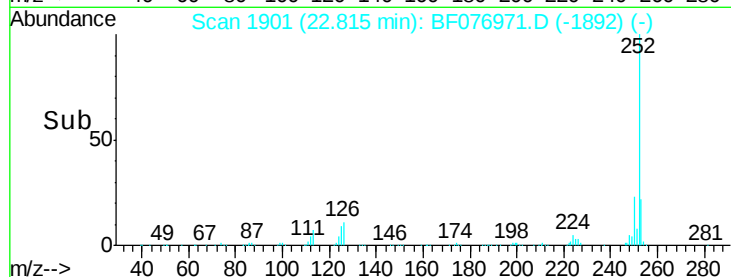
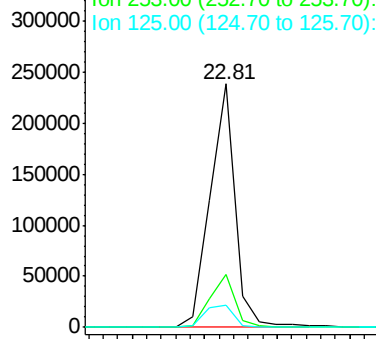
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.9	26.9
125	9.2	7.2	10.8

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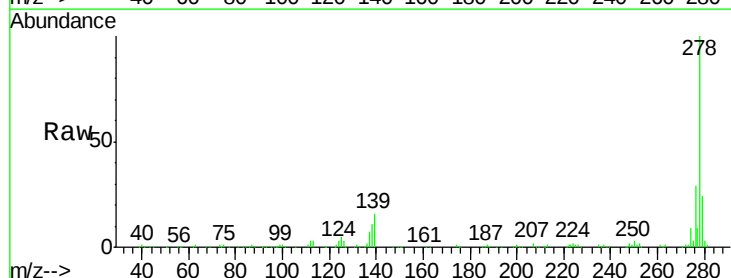


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

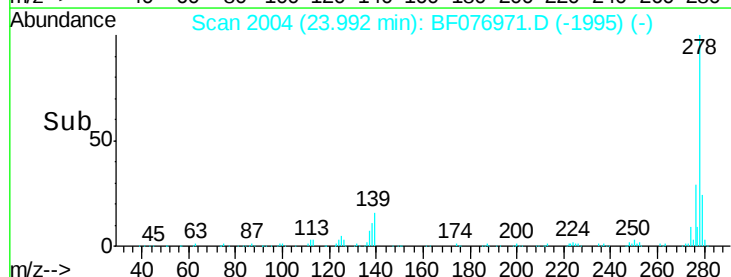
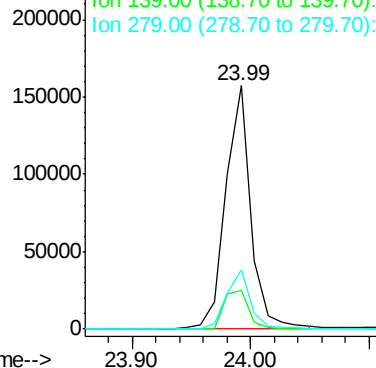


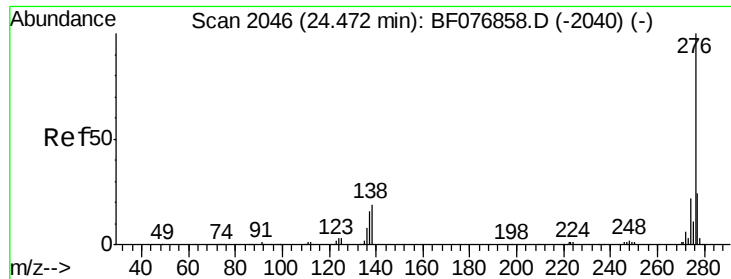
#90
Dibenzo(a,h)anthracene
Concen: 43.99 ng
RT: 23.99 min Scan# 2004
Delta R.T. 0.00 min
Lab File: BF076971.D
Acq: 20 Jan 2015 20:12

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.8	10.5	15.7#
279	24.5	19.3	28.9



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





#91
 Benzo(a,h,i)perylene
 Concen: 45.06 ng
 RT: 24.25 min Scan# 2027
 Delta R.T. 0.00 min
 Lab File: BF076971.D
 Acq: 20 Jan 2015 20:12

Instrument :
 BNA_F
 ClientSampleId :
 MW-48MSD

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	23.6	19.5	29.3
138	22.2	15.0	22.6

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