

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012815\
 Data File : BF077121.D
 Acq On : 29 Jan 2015 5:34
 Operator : TP/IZ
 Sample : G1159-06MSD
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-84(17-19)MSD

Manual Integrations
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Quant Time: Jan 29 06:37:27 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 29 06:28:36 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	27950	20.00	ng	0.00
21) Naphthalene-d8	10.63	136	113945	20.00	ng	0.00
38) Acenaphthene-d10	14.76	164	55902	20.00	ng	0.00
63) Phenanthrene-d10	17.60	188	102401	20.00	ng	0.00
75) Chrysene-d12	21.11	240	89429	20.00	ng	0.00
86) Perylene-d12	22.79	264	77629	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.76	112	206136	121.26	ng	0.00
7) Phenol-d6	7.14	99	264686	123.43	ng	0.00
23) Nitrobenzene-d5	9.03	82	164832	80.14	ng	0.00
41) 2,4,6-Tribromophenol	16.48	330	63708	140.40	ng	0.00
44) 2-Fluorobiphenyl	13.29	172	301270	82.01	ng	0.00
78) Terphenyl-d14	19.84	244	273894	70.51	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.14	88	19347	26.58	ng	98
3) Pyridine	1.59	79	55732	29.59	ng	96
4) n-Nitrosodimethylamine	1.54	42	36443	39.06	ng	81
6) Aniline	7.01	93	47845	16.12	ng	94
8) 2-Chlorophenol	7.25	128	78201	39.90	ng	97
9) Benzaldehyde	6.72	77	11663	7.90	ng	92
10) Phenol	7.17	94	97470	42.80	ng	94
11) bis(2-Chloroethyl)ether	7.27	93	72737	40.82	ng	# 73
12) 1,3-Dichlorobenzene	7.57	146	82350	36.93	ng	93
13) 1,4-Dichlorobenzene	7.76	146	84897	35.91	ng	98
14) 1,2-Dichlorobenzene	8.07	146	80572	36.98	ng	98
15) Benzyl Alcohol	8.16	79	66275	38.19	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.52	45	91926	38.38	ng	86
17) 2-Methylphenol	8.53	107	61410	38.34	ng	95
18) Hexachloroethane	8.82	117	32189	39.14	ng	94
19) n-Nitroso-di-n-propylamine	8.80	70	54313	36.18	ng	94
20) 3+4-Methylphenols	8.92	107	77141	36.38	ng	97
22) Acetophenone	8.72	105	114480	41.02	ng	95
24) Nitrobenzene	9.06	77	86106	41.10	ng	94
25) Isophorone	9.67	82	147595	39.40	ng	97
26) 2-Nitrophenol	9.81	139	40893	38.48	ng	# 85
27) 2,4-Dimethylphenol	10.10	122	69524	42.91	ng	96
28) bis(2-Chloroethoxy)methane	10.30	93	92473	43.44	ng	99
29) 2,4-Dichlorophenol	10.42	162	63589	42.11	ng	95
30) 1,2,4-Trichlorobenzene	10.55	180	69561	41.47	ng	98
31) Naphthalene	10.68	128	231665	39.49	ng	98
32) Benzoic acid	10.41	122	8316	9.26	ng	88
33) 4-Chloroaniline	10.94	127	44744	18.88	ng	97
34) Hexachlorobutadiene	11.05	225	38718	38.91	ng	89
35) Caprolactam	11.76	113	15208	34.21	ng	93
36) 4-Chloro-3-methylphenol	12.24	107	71383	41.29	ng	94
37) 2-Methylnaphthalene	12.33	142	165225	41.24	ng	97
39) 1,2,4,5-Tetrachlorobenzene	12.73	216	62300	45.08	ng	99
40) Hexachlorocyclopentadiene	12.72	237	44979	61.57	ng	99

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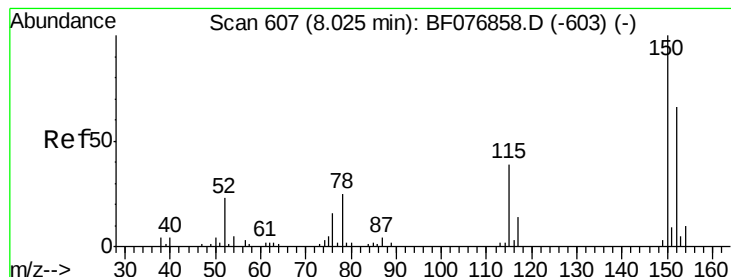
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Quant Time: Jan 29 06:37:27 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 29 06:28:36 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	44486	44.18	ng	92
43) 2,4,5-Trichlorophenol	13.19	196	46178	44.96	ng #	93
45) 1,1'-Biphenyl	13.49	154	186366	44.97	ng	98
46) 2-Chloronaphthalene	13.47	162	150034	43.99	ng	98
47) 2-Nitroaniline	13.81	65	49241	47.60	ng	97
48) Acenaphthylene	14.41	152	240964	41.89	ng	99
49) Dimethylphthalate	14.37	163	189302	47.75	ng	99
50) 2,6-Dinitrotoluene	14.46	165	37039	46.76	ng	93
51) Acenaphthene	14.84	154	136481	41.82	ng	93
52) 3-Nitroaniline	14.80	138	31225	30.86	ng	86
53) 2,4-Dinitrophenol	15.09	184	11454	38.04	ng #	80
54) Dibenzofuran	15.26	168	210921	44.36	ng	99
55) 4-Nitrophenol	15.42	139	50562	81.36	ng	94
56) 2,4-Dinitrotoluene	15.40	165	51099	43.25	ng	97
57) Fluorene	16.01	166	177022	43.95	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.61	232	33271	44.49	ng	94
59) Diethylphthalate	16.01	149	183295	45.75	ng	99
60) 4-Chlorophenyl-phenylether	16.11	204	74679	45.31	ng	98
61) 4-Nitroaniline	16.16	138	34763	35.21	ng	95
62) Azobenzene	16.40	77	187370	44.88	ng	98
64) 4,6-Dinitro-2-methylphenol	16.24	198	17797	28.49	ng	95
65) n-Nitrosodiphenylamine	16.36	169	142996	39.16	ng	98
66) 4-Bromophenyl-phenylether	16.97	248	41254	39.77	ng #	82
67) Hexachlorobenzene	16.99	284	43469	39.76	ng	97
68) Atrazine	17.35	200	49928	45.06	ng	91
69) Pentachlorophenol	17.35	266	38833	77.66	ng	99
70) Phenanthrene	17.64	178	264056	41.35	ng	99
71) Anthracene	17.72	178	255100	40.97	ng	98
72) Carbazole	18.00	167	243261	40.28	ng	100
73) Di-n-butylphthalate	18.60	149	298301	42.67	ng	98
74) Fluoranthene	19.28	202	277126	42.35	ng	98
76) Benzidine	19.53	184	104188	36.41	ng	99
77) Pyrene	19.57	202	288025	46.99	ng	99
79) Butylbenzylphthalate	20.51	149	128909	46.44	ng	90
80) Benzo(a)anthracene	21.10	228	249609	44.49	ng	99
81) 3,3'-Dichlorobenzidine	21.11	252	60385	33.87	ng #	96
82) Chrysene	21.13	228	209094	40.86	ng	98
83) Bis(2-ethylhexyl)phthalate	21.25	149	181541	47.27	ng	97
84) Di-n-octyl phthalate	22.03	149	304164	45.63	ng	99
85) Indeno(1,2,3-cd)pyrene	23.95	276	205864	37.96	ng #	83
87) Benzo(b)fluoranthene	22.37	252	216783	41.46	ng #	97
88) Benzo(k)fluoranthene	22.39	252	191527m	41.93	ng	
89) Benzo(a)pyrene	22.72	252	197555	42.84	ng #	97
90) Dibenzo(a,h)anthracene	23.97	278	162560	38.42	ng #	96
91) Benzo(g,h,i)perylene	24.22	276	174265	41.42	ng	96

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



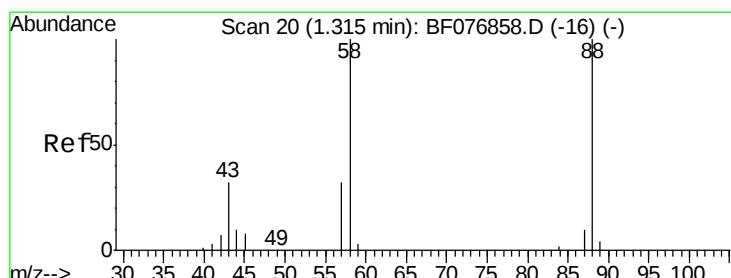
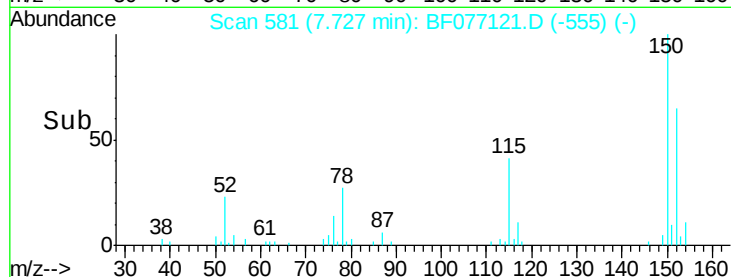
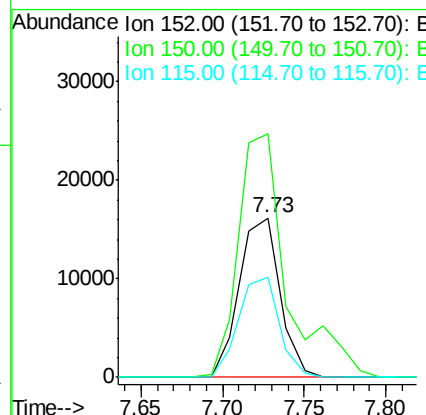
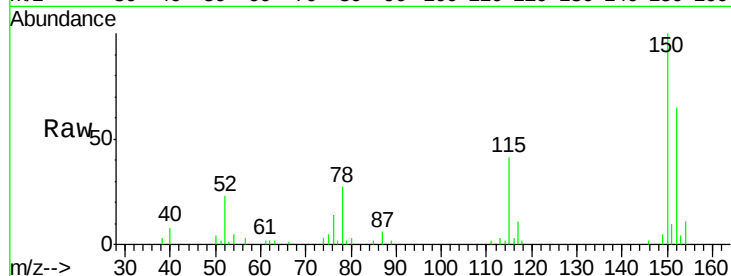
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 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.73 min Scan# 581
 Delta R.T. 0.00 min
 Lab File: BF077121.D
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Instrument :
 BNA_F
 ClientSampleId :
 SB-84(17-19)MSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.0	121.7	182.5
115	63.0	47.0	70.6

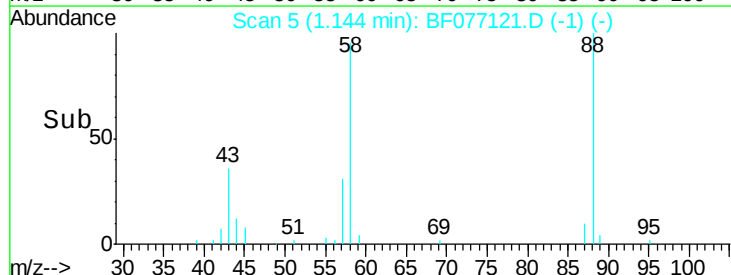
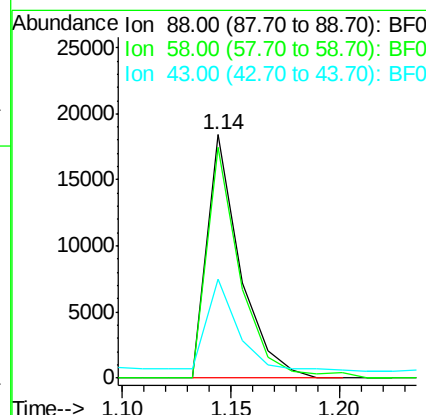
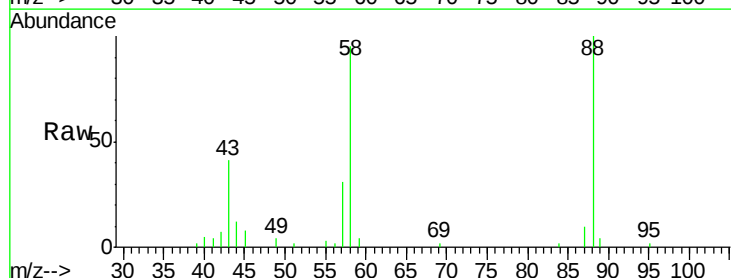
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#2
 1,4-Dioxane
 Concen: 26.58 ng
 RT: 1.14 min Scan# 5
 Delta R.T. 0.00 min
 Lab File: BF077121.D
 Acq: 29 Jan 2015 5:34

Tgt Ion	Ratio	Lower	Upper
88	100		
58	96.2	77.0	115.4
43	36.1	25.6	38.4





#3

Pyridine

Concen: 29.59 ng

RT: 1.59 min Scan# 44

Delta R.T. 0.00 min

Lab File: BF077121.D

Acq: 29 Jan 2015 5:34

Instrument :

BNA_F

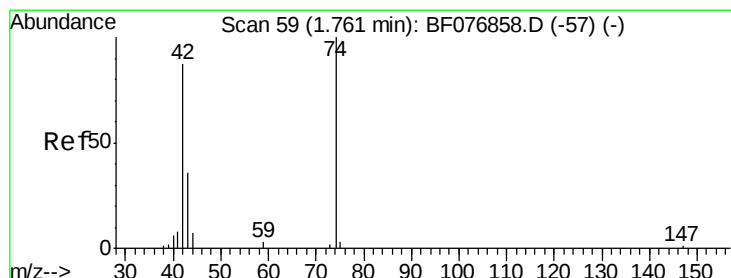
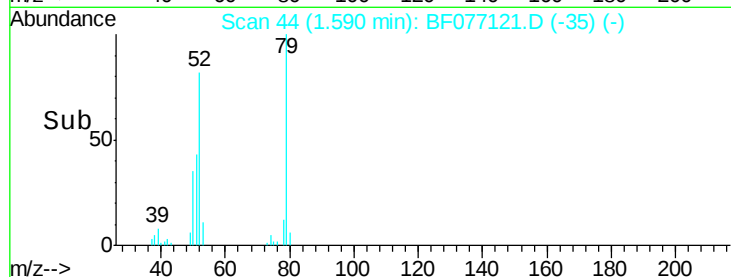
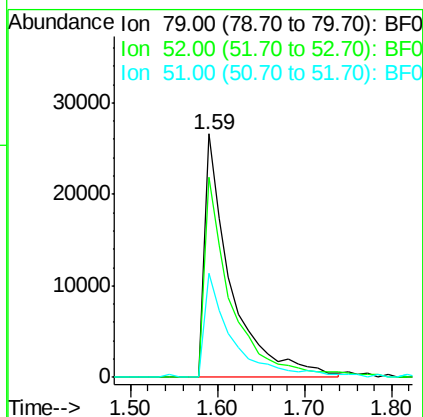
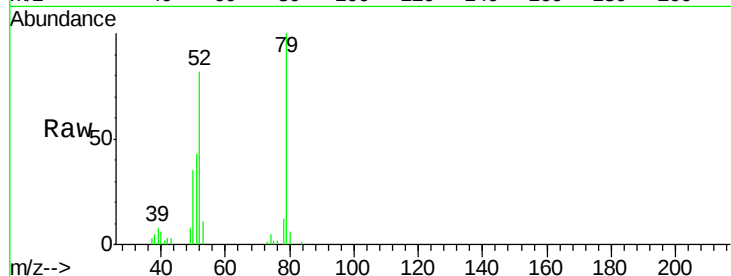
ClientSampleId :

SB-84(17-19)MSD

Tgt Ion:	79	Resp:	55732
Ion Ratio	Lower	Upper	
79	100		
52	82.3	70.1	105.1
51	42.7	35.1	52.7

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#4

n-Nitrosodimethylamine

Concen: 39.06 ng

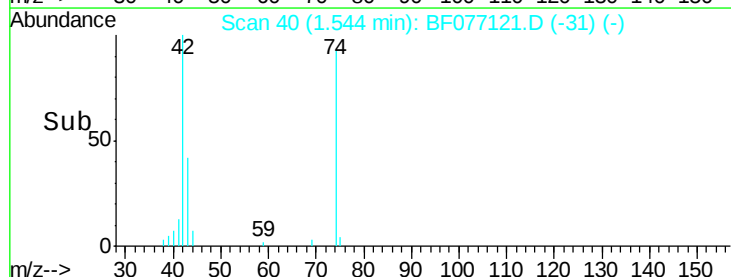
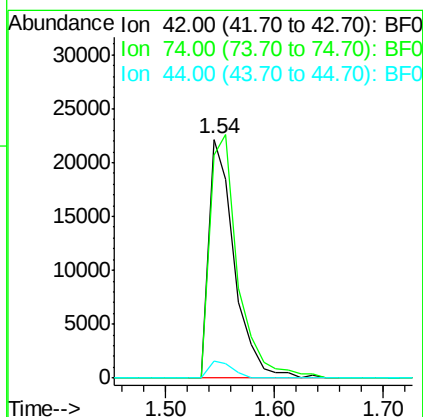
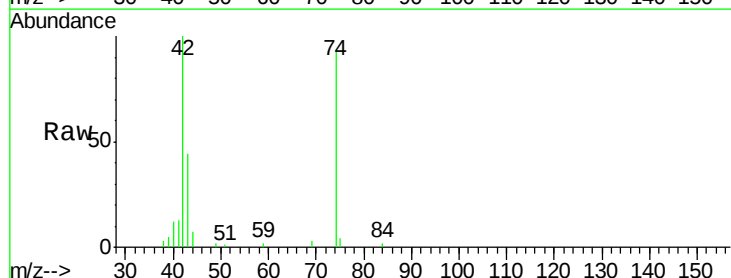
RT: 1.54 min Scan# 40

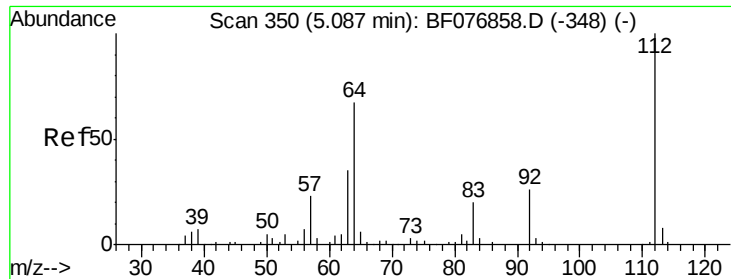
Delta R.T. 0.00 min

Lab File: BF077121.D

Acq: 29 Jan 2015 5:34

Tgt Ion:	42	Resp:	36443
Ion Ratio	Lower	Upper	
42	100		
74	93.5	92.4	138.6
44	6.9	6.2	9.2





#5

2-Fluorophenol

Concen: 121.26 ng

RT: 4.76 min Scan# 321

Delta R.T. 0.00 min

Lab File: BF077121.D

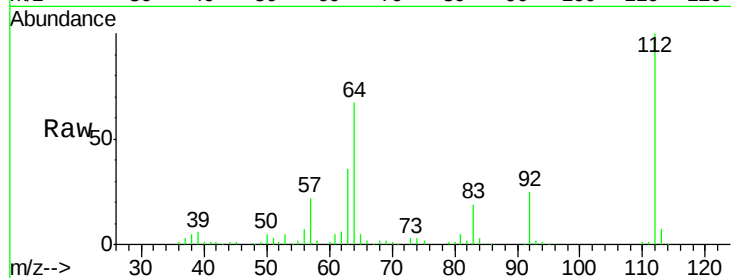
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Instrument :

BNA_F

ClientSampleId :

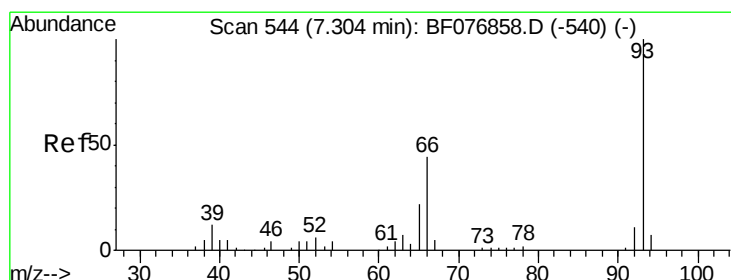
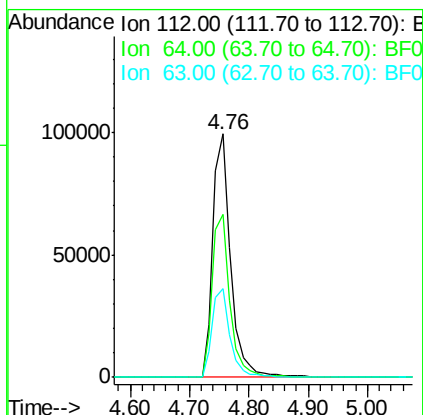
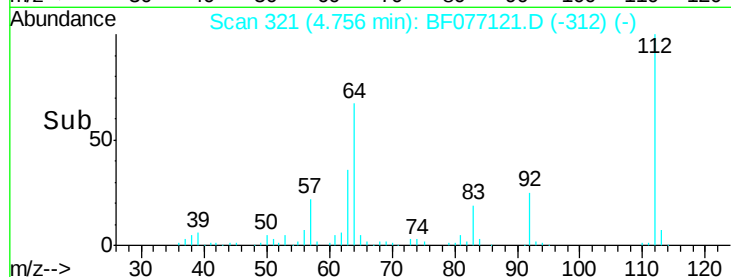
SB-84(17-19)MSD



Tgt Ion	Ratio	Resp	Lower	Upper
112	100	206136		
64	66.7	54.2	81.4	
63	36.3	28.4	42.6	

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#6

Aniline

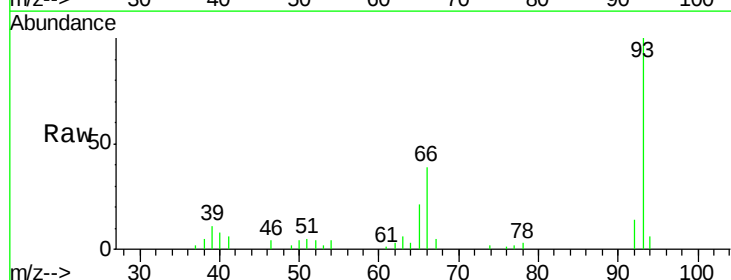
Concen: 16.12 ng

RT: 7.01 min Scan# 518

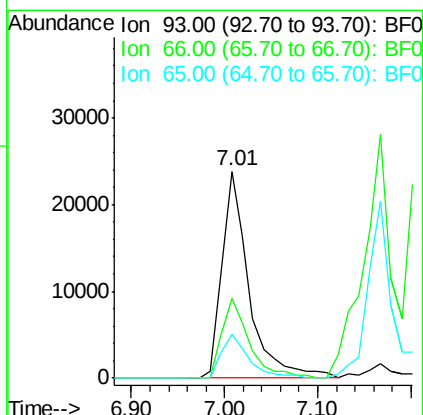
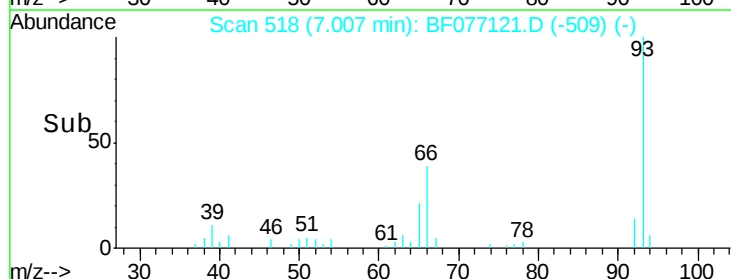
Delta R.T. 0.00 min

Lab File: BF077121.D

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Tgt Ion	Ratio	Resp	Lower	Upper
93	100	47845		
66	38.7	35.0	52.4	
65	21.1	17.7	26.5	





#7

Phenol-d6

Concen: 123.43 ng

RT: 7.14 min Scan# 530

Delta R.T. 0.00 min

Lab File: BF077121.D

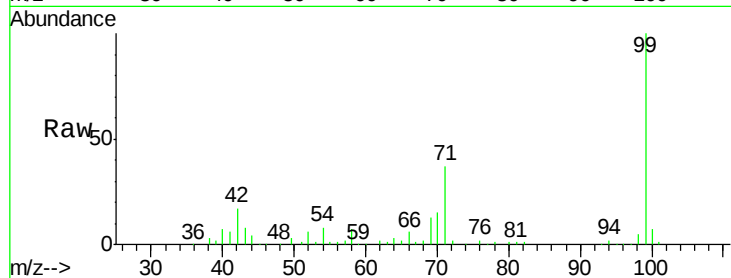
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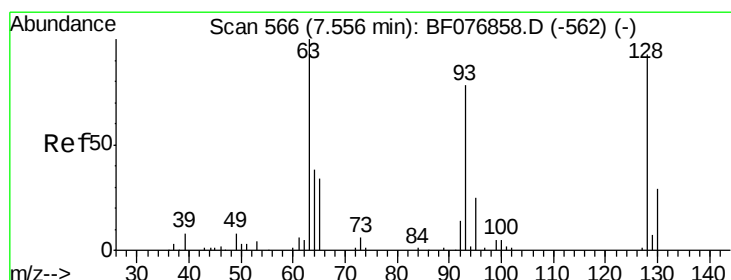
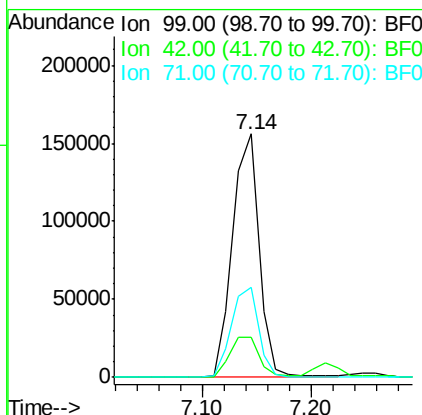
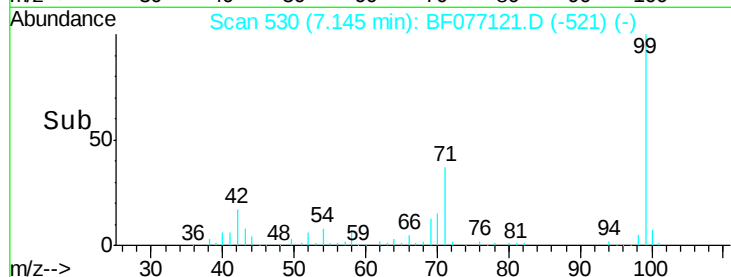
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Tgt Ion:	99	Resp:	264686
Ion Ratio	Lower	Upper	
99	100		
42	16.7	15.0	22.4
71	37.1	30.5	45.7

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#8

2-Chlorophenol

Concen: 39.90 ng

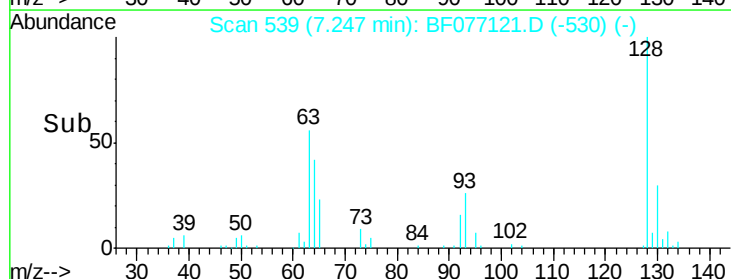
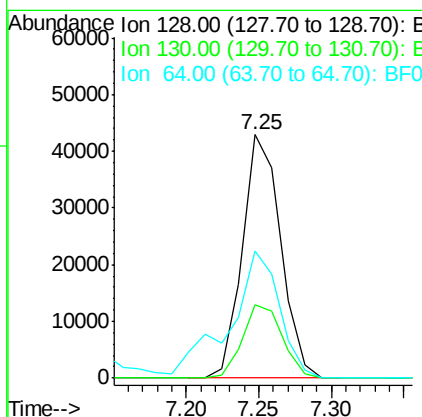
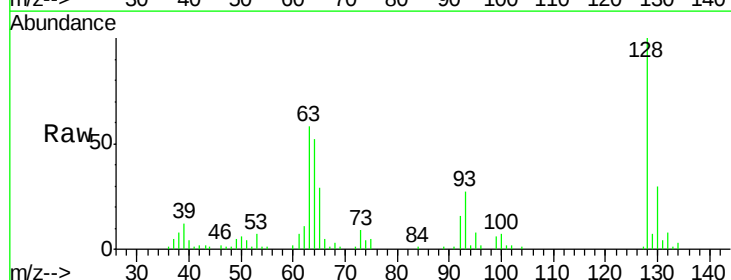
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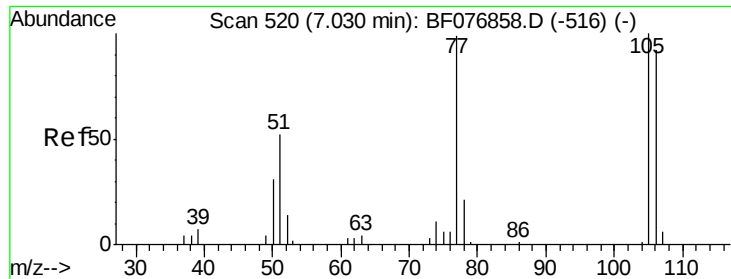
Delta R.T. 0.00 min

Lab File: BF077121.D

Acq: 29 Jan 2015 5:34

Tgt Ion:	128	Resp:	78201
Ion Ratio	Lower	Upper	
128	100		
130	30.3	11.0	51.0
64	52.1	29.3	69.3





#9

Benzaldehyde

Concen: 7.90 ng

RT: 6.72 min Scan# 493

Delta R.T. 0.00 min

Lab File: BF077121.D

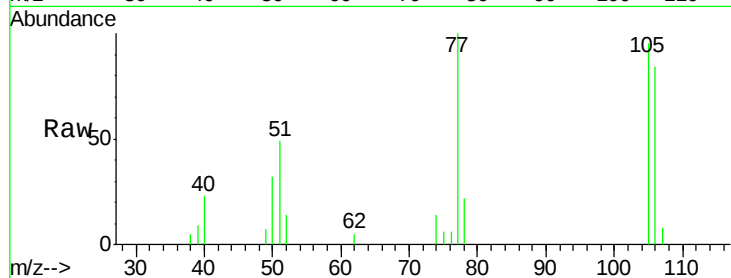
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Instrument :

BNA_F

ClientSampleId :

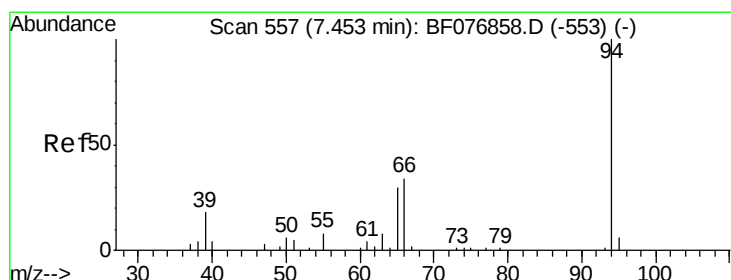
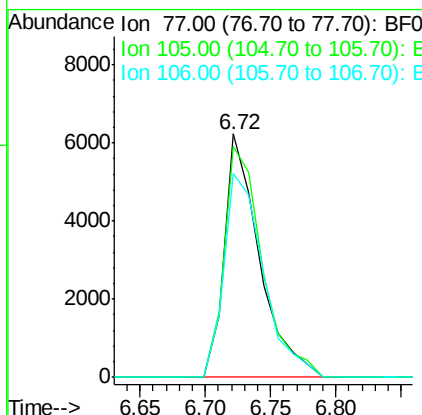
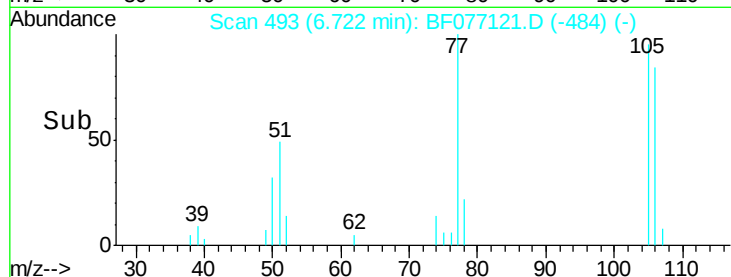
SB-84(17-19)MSD



Tgt Ion:	77	Resp:	11663
Ion	Ratio	Lower	Upper
77	100		
105	94.7	81.4	121.4
106	83.6	72.8	112.8

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#10

Phenol

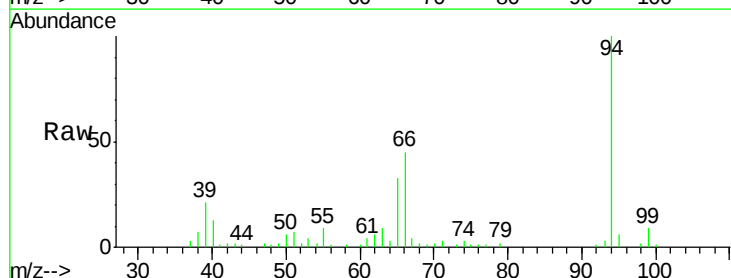
Concen: 42.80 ng

RT: 7.17 min Scan# 532

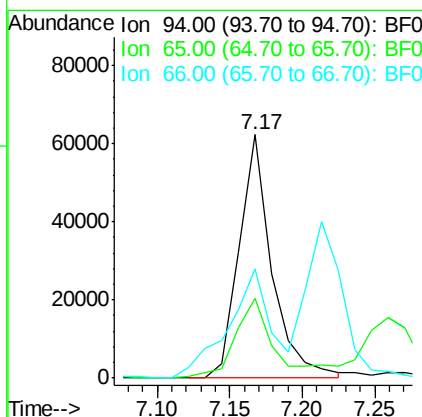
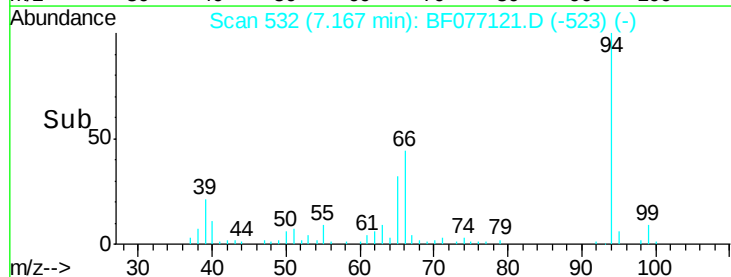
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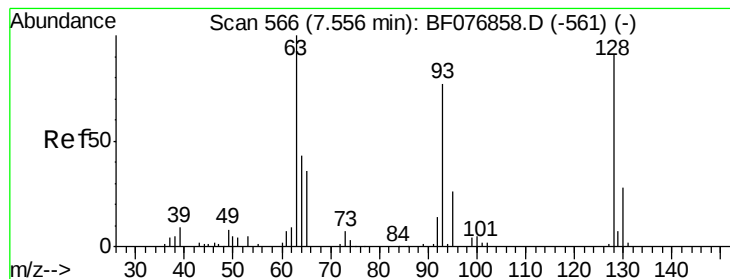
Lab File: BF077121.D

Acq: 29 Jan 2015 5:34



Tgt Ion:	94	Resp:	97470
Ion	Ratio	Lower	Upper
94	100		
65	32.7	11.3	51.3
66	45.1	19.5	59.5





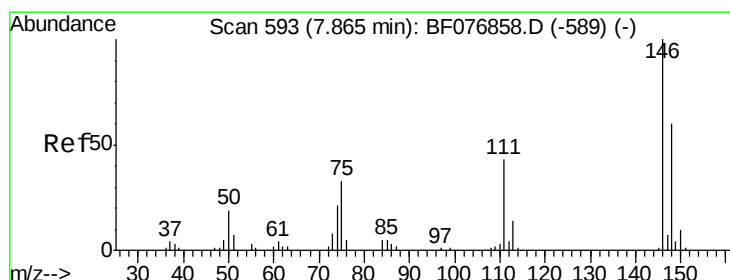
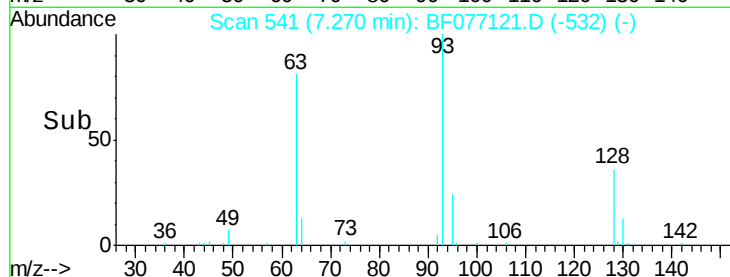
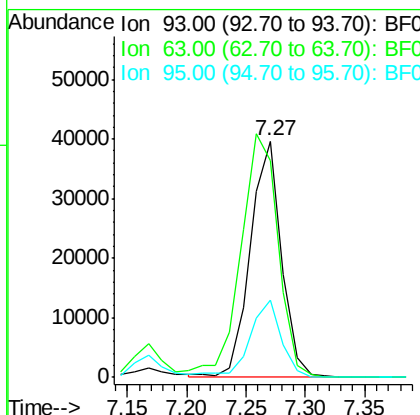
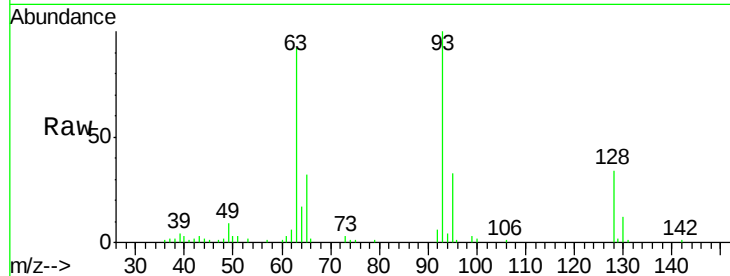
#11
bis(2-Chloroethyl)ether
Concen: 40.82 ng
RT: 7.27 min Scan# 541
Delta R.T. 0.00 min
Lab File: BF077121.D
Acq: 29 Jan 2015 5:34

Instrument :
BNA_F
ClientSampleId :
SB-84(17-19)MSD

Tgt Ion: 93 Resp: 72737
Ion Ratio Lower Upper
93 100
63 92.0 111.3 151.3#
95 32.7 13.8 53.8

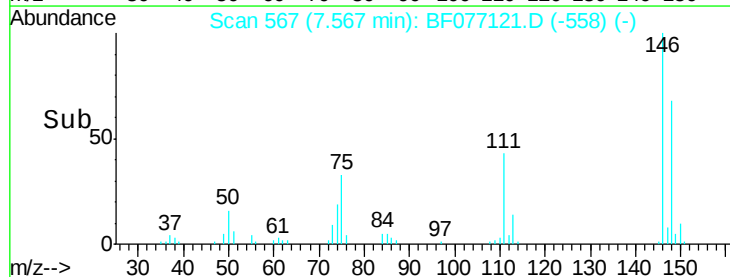
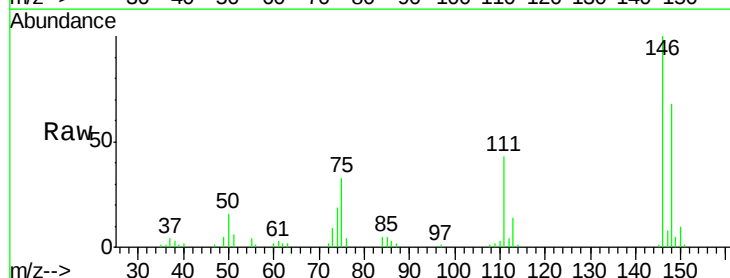
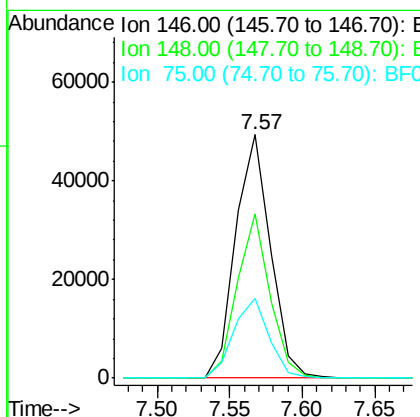
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#12
1,3-Dichlorobenzene
Concen: 36.93 ng
RT: 7.57 min Scan# 567
Delta R.T. 0.00 min
Lab File: BF077121.D
Acq: 29 Jan 2015 5:34

Tgt Ion: 146 Resp: 82350
Ion Ratio Lower Upper
146 100
148 67.6 48.1 72.1
75 32.7 26.8 40.2





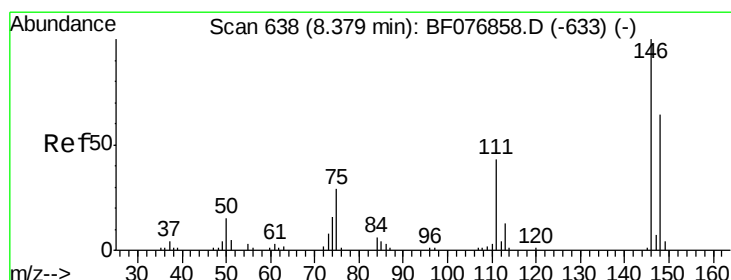
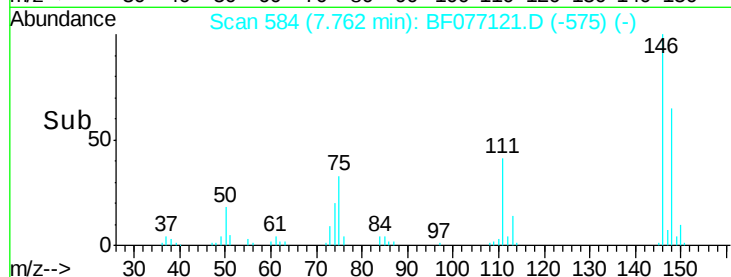
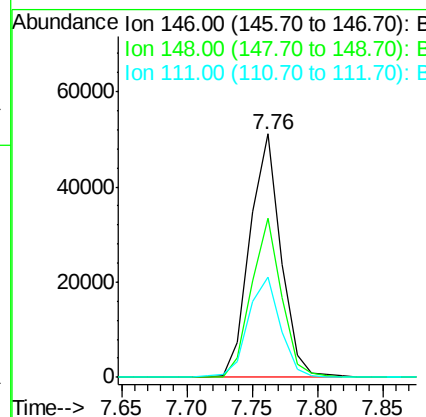
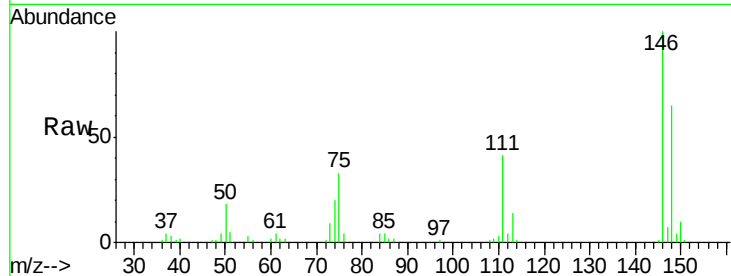
#13
 1,4-Dichlorobenzene
 Concen: 35.91 ng
 RT: 7.76 min Scan# 584
 Delta R.T. 0.00 min
 Lab File: BF077121.D
 Acq: 29 Jan 2015 5:34

Instrument :
 BNA_F
 ClientSampleId :
 SB-84(17-19)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	84897		
148	65.5	51.5	77.3	
111	41.0	33.9	50.9	

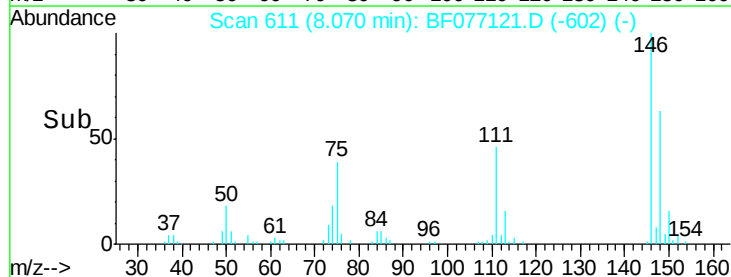
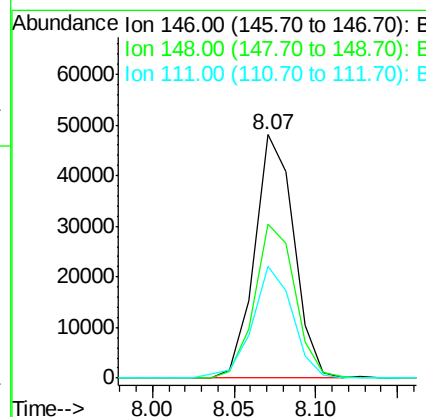
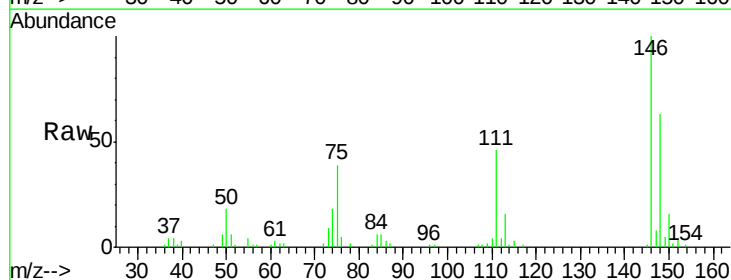
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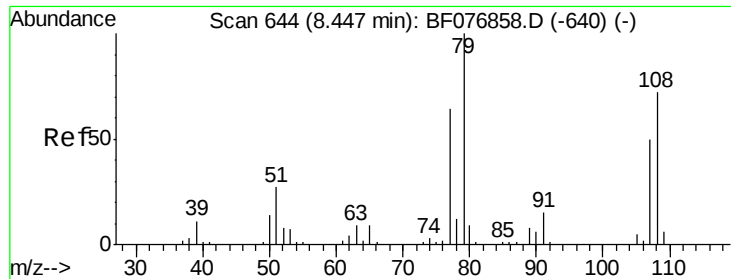
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#14
 1,2-Dichlorobenzene
 Concen: 36.98 ng
 RT: 8.07 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF077121.D
 Acq: 29 Jan 2015 5:34

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	80572		
148	63.3	51.3	76.9	
111	46.0	34.5	51.7	





#15

Benzyl Alcohol

Concen: 38.19 ng

RT: 8.16 min Scan# 619

Delta R.T. 0.00 min

Lab File: BF077121.D

Acq: 29 Jan 2015 5:34

Instrument :

BNA_F

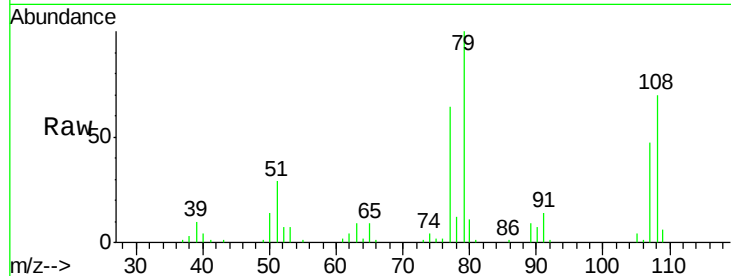
ClientSampleId :

SB-84(17-19)MSD

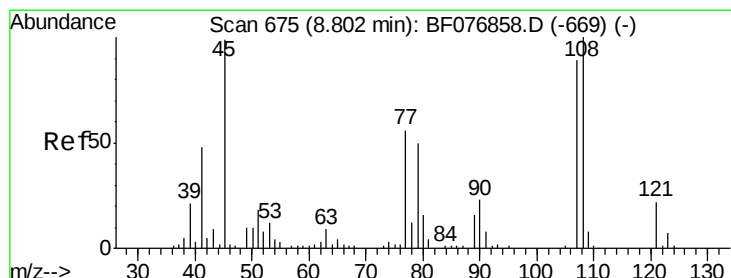
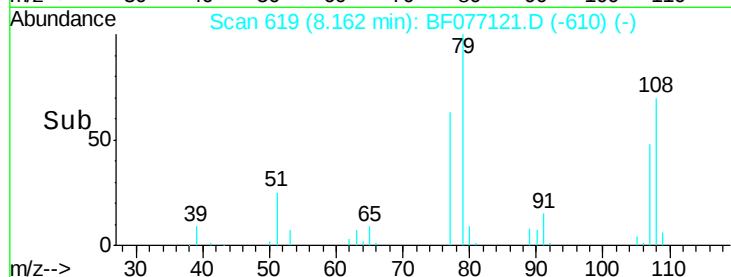
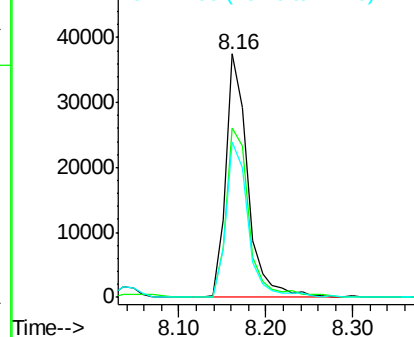
Tgt Ion:	79	Resp:	66275
Ion Ratio	Lower	Upper	
79	100		
108	69.7	57.2	85.8
77	63.8	51.2	76.8

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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.38 ng

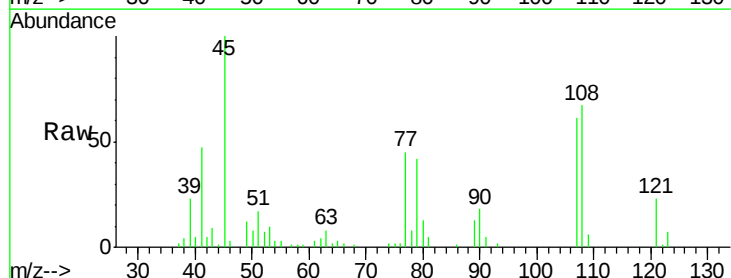
RT: 8.52 min Scan# 650

Delta R.T. 0.00 min

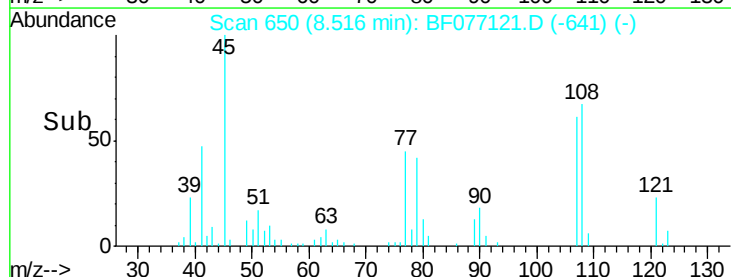
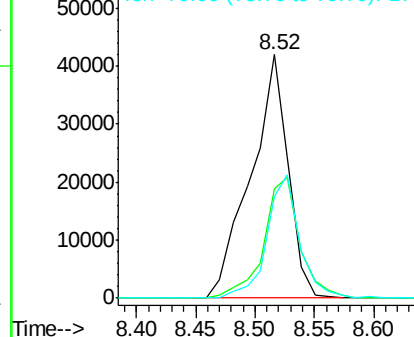
Lab File: BF077121.D

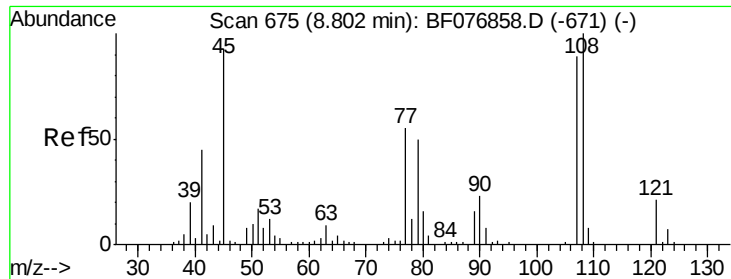
Acq: 29 Jan 2015 5:34

Tgt Ion:	45	Resp:	91926
Ion Ratio	Lower	Upper	
45	100		
77	44.9	36.1	76.1
79	41.9	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: 38.34 ng

RT: 8.53 min Scan# 651

Delta R.T. 0.00 min

Lab File: BF077121.D

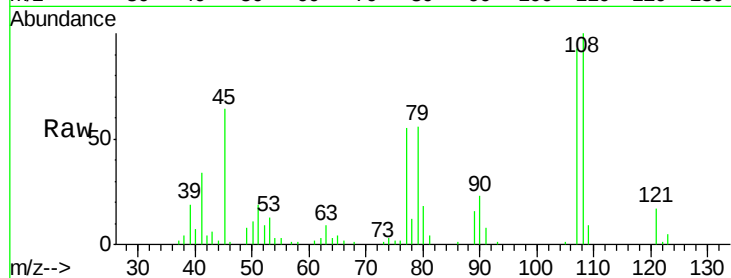
Acq: 29 Jan 2015 5:34

Instrument :

BNA_F

ClientSampleId :

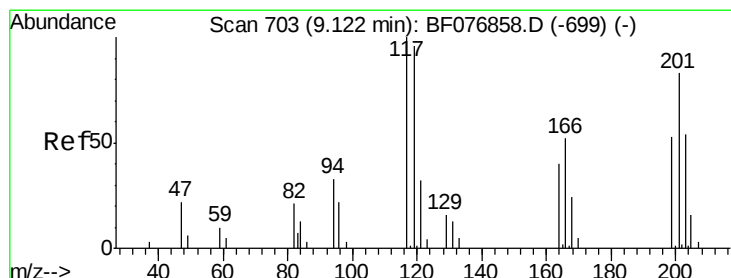
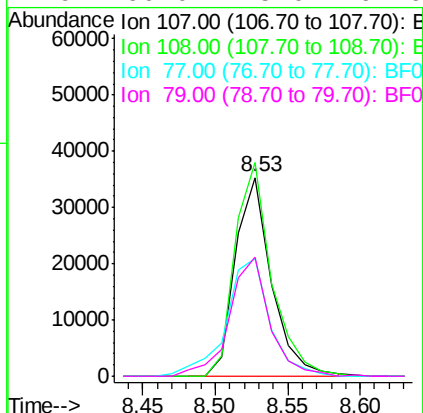
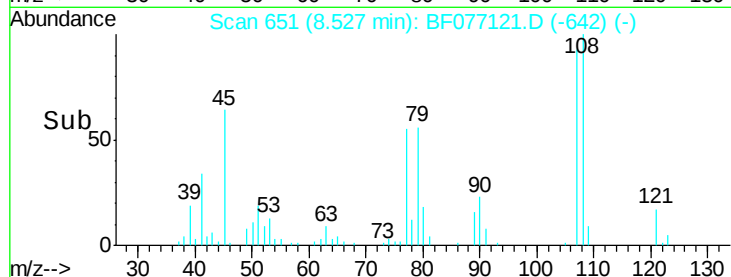
SB-84(17-19)MSD



Tgt Ion:	107	Resp:	61410
Ion Ratio	Lower	Upper	
107	100		
108	107.3	89.7	134.5
77	59.1	50.1	75.1
79	60.0	45.0	67.6

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#18

Hexachloroethane

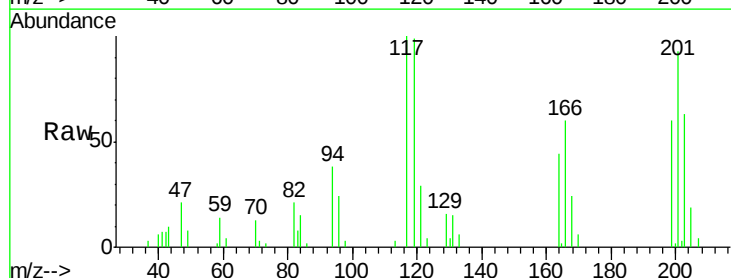
Concen: 39.14 ng

RT: 8.82 min Scan# 677

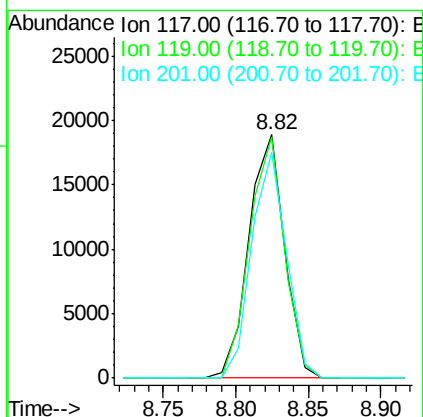
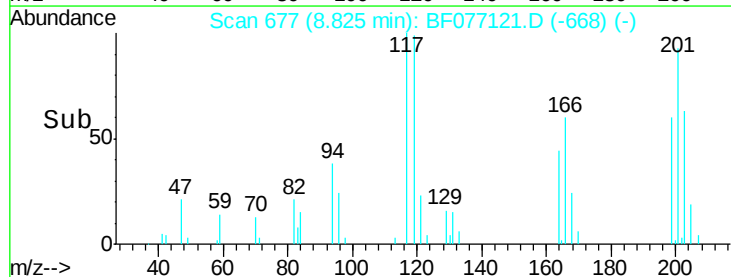
Delta R.T. 0.00 min

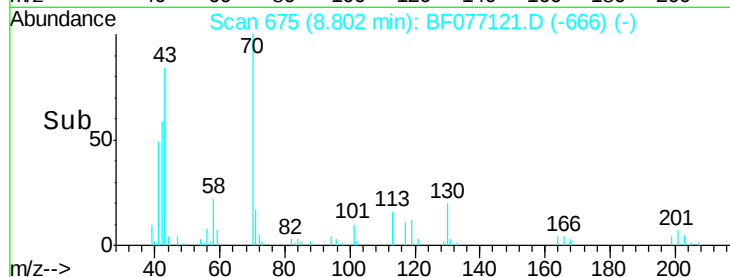
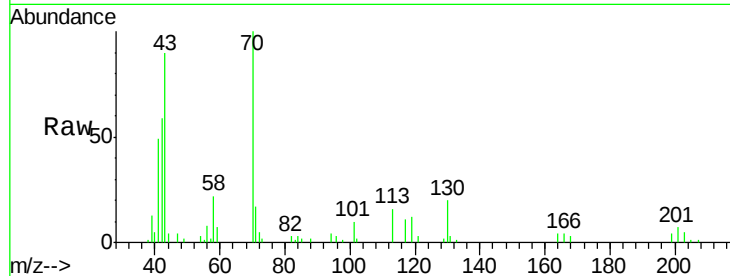
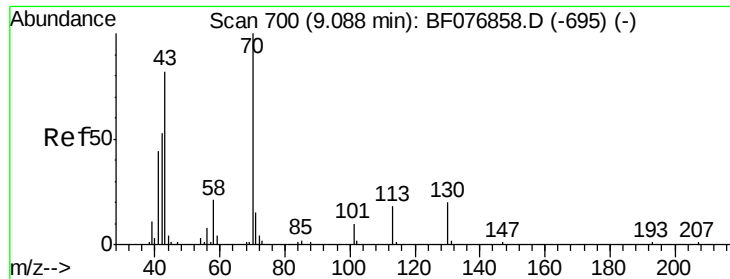
Lab File: BF077121.D

Acq: 29 Jan 2015 5:34



Tgt Ion:	117	Resp:	32189
Ion Ratio	Lower	Upper	
117	100		
119	99.0	77.1	115.7
201	92.9	66.8	100.2





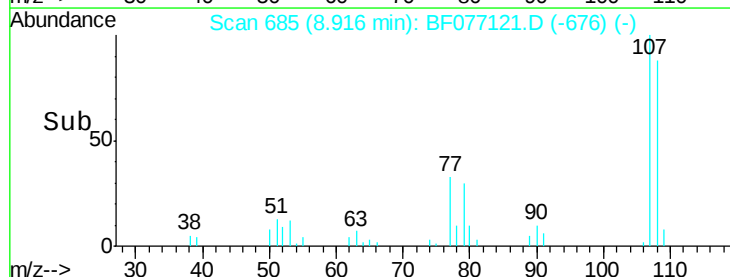
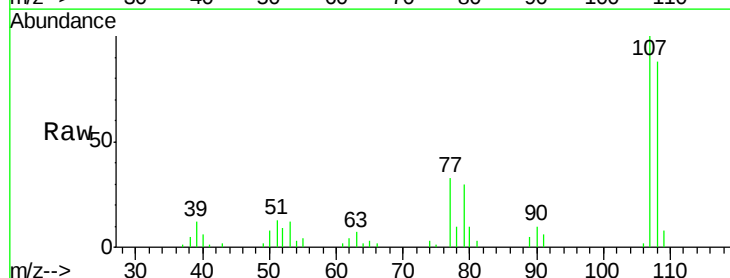
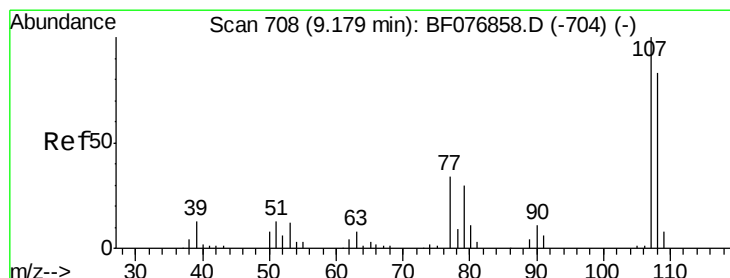
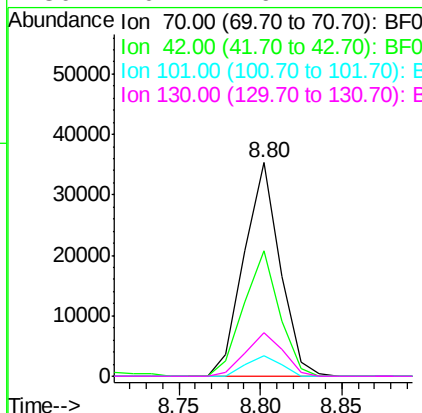
#19
n-Nitroso-di-n-propylamine
Concen: 36.18 ng
RT: 8.80 min Scan# 675
Delta R.T. 0.00 min
Lab File: BF077121.D
Acq: 29 Jan 2015 5:34

Instrument :
BNA_F
ClientSampleId :
SB-84(17-19)MSD

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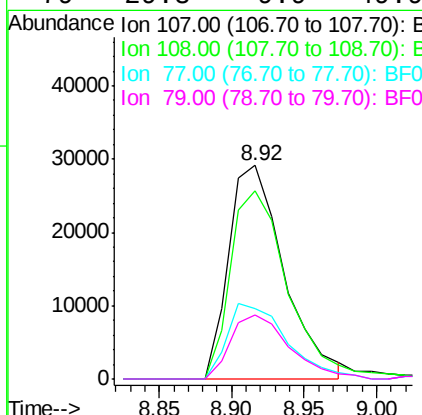
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Tgt Ion	Ion	Ratio	Lower	Upper
70	100			
42	58.9	42.1	63.1	
101	9.8	7.8	11.8	
130	20.4	16.2	24.4	



#20
3+4-Methylphenols
Concen: 36.38 ng
RT: 8.92 min Scan# 685
Delta R.T. 0.00 min
Lab File: BF077121.D
Acq: 29 Jan 2015 5:34

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.8	63.5	103.5	
77	33.0	14.0	54.0	
79	29.8	9.9	49.9	





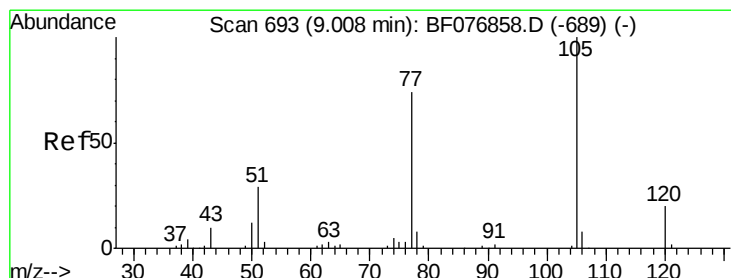
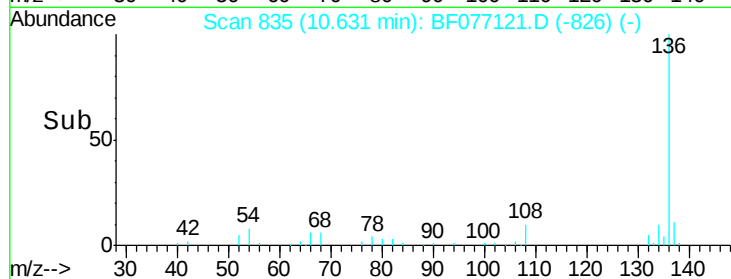
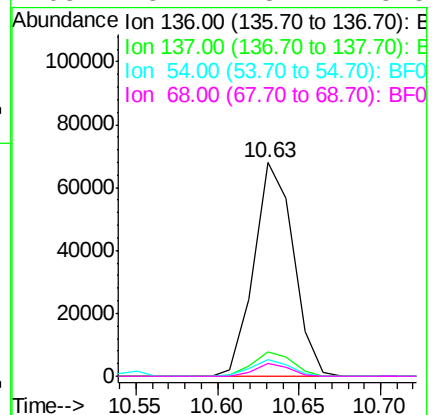
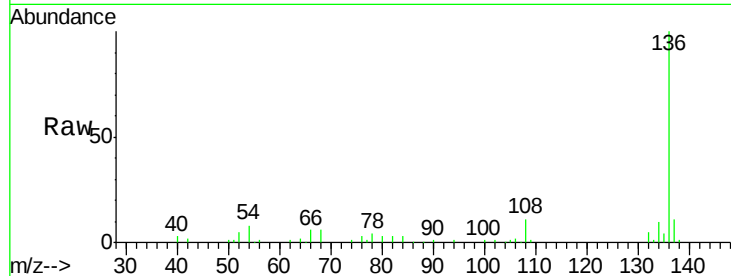
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.63 min Scan# 835
Delta R.T. 0.00 min
Lab File: BF077121.D
Acq: 29 Jan 2015 5:34

Instrument :
BNA_F
ClientSampleId :
SB-84(17-19)MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
136	100		
137	11.4	8.1	12.1
54	8.1	7.0	10.4
68	5.7	3.7	5.5#

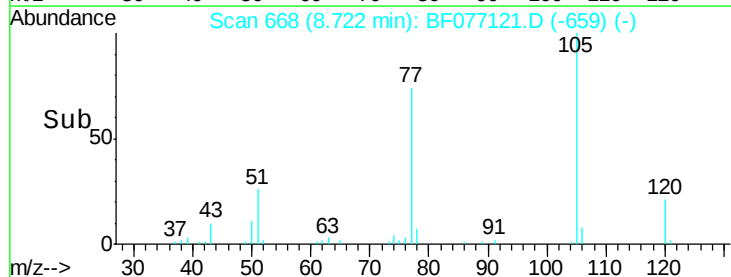
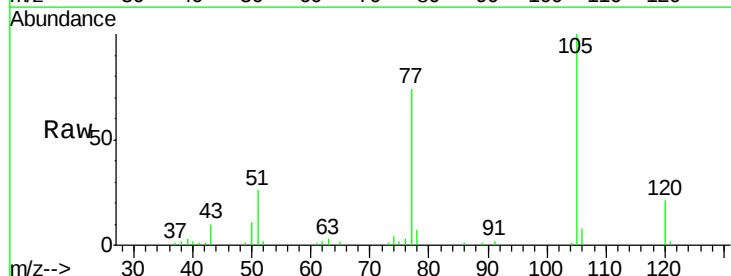
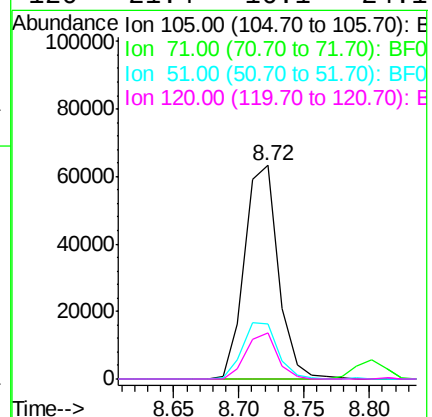
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#22
Acetophenone
Concen: 41.02 ng
RT: 8.72 min Scan# 668
Delta R.T. 0.00 min
Lab File: BF077121.D
Acq: 29 Jan 2015 5:34

Tgt Ion	Ratio	Resp Lower	Resp Upper
105	100		
71	0.0	0.0	0.0
51	26.1	23.3	34.9
120	21.4	16.1	24.1





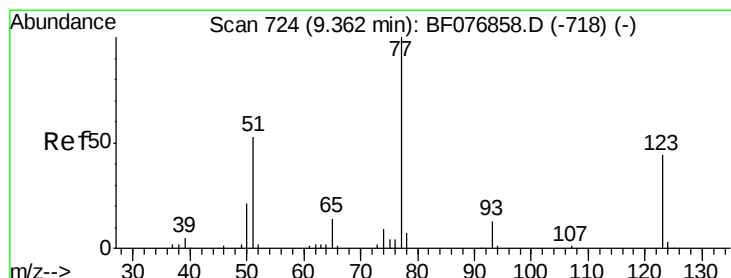
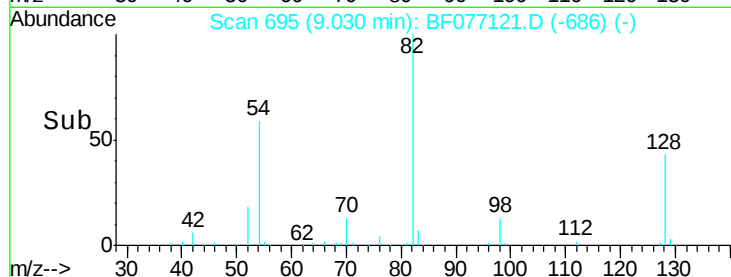
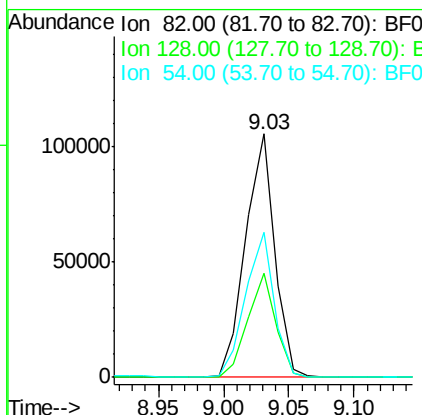
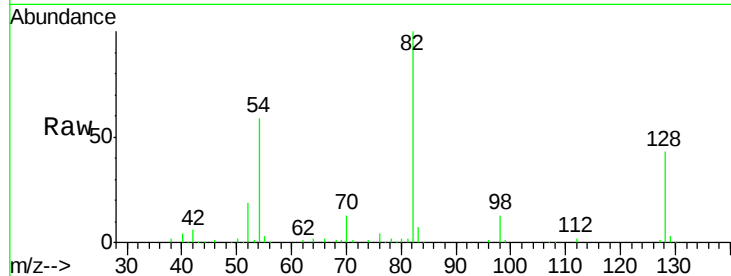
#23
 Nitrobenzene-d5
 Concen: 80.14 ng
 RT: 9.03 min Scan# 695
 Delta R.T. 0.00 min
 Lab File: BF077121.D
 Acq: 29 Jan 2015 5:34

Instrument :
 BNA_F
 ClientSampleId :
 SB-84(17-19)MSD

Tgt Ion:	82	Resp:	164832
Ion Ratio	Lower	Upper	
82	100		
128	42.5	33.1	49.7
54	59.3	48.3	72.5

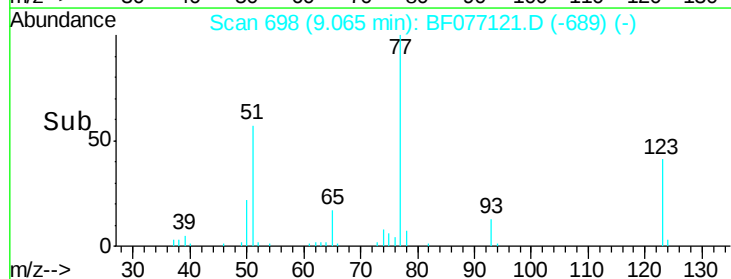
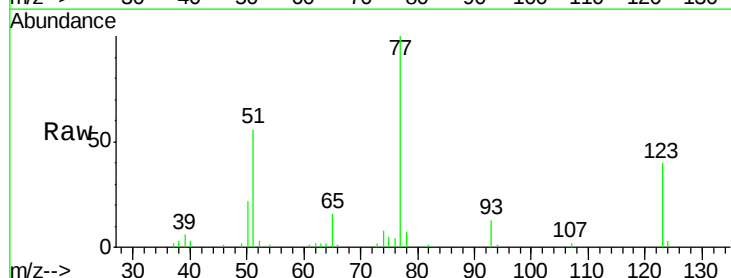
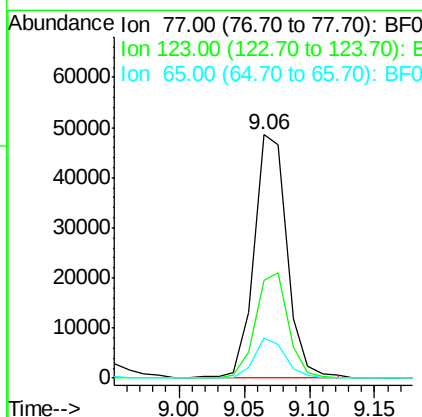
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#24
 Nitrobenzene
 Concen: 41.10 ng
 RT: 9.06 min Scan# 698
 Delta R.T. 0.00 min
 Lab File: BF077121.D
 Acq: 29 Jan 2015 5:34

Tgt Ion:	77	Resp:	86106
Ion Ratio	Lower	Upper	
77	100		
123	39.9	35.2	52.8
65	16.5	11.4	17.2





#25

Isophorone

Concen: 39.40 ng

RT: 9.67 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF077121.D

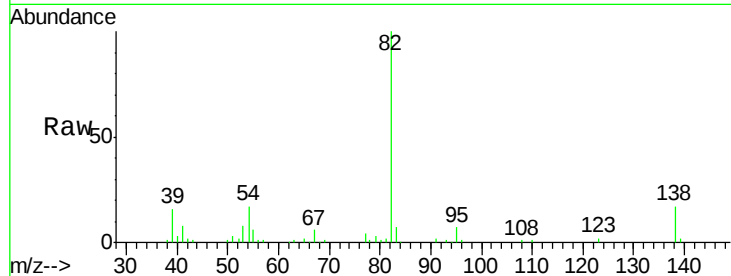
Acq: 29 Jan 2015 5:34

Instrument :

BNA_F

ClientSampleId :

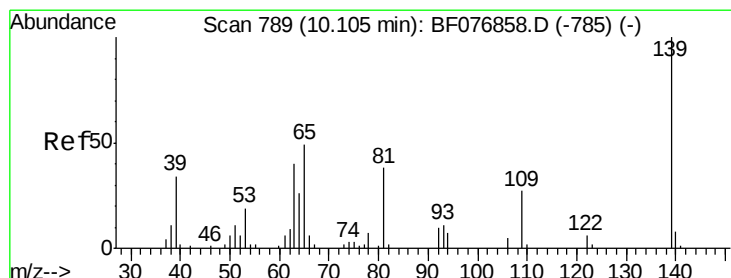
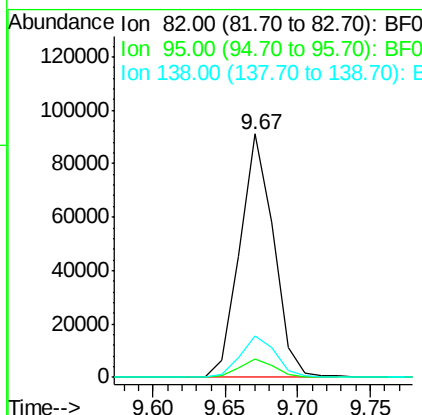
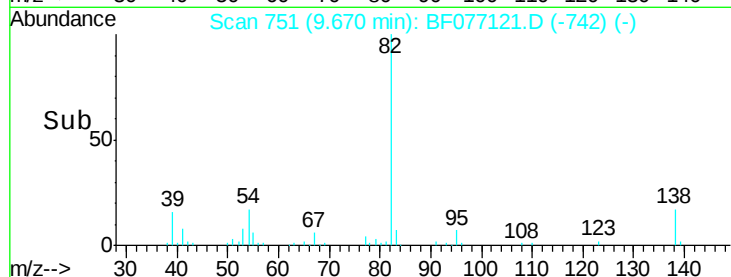
SB-84(17-19)MSD



Tgt Ion	82	95	138
Ratio	100	7.4	17.2
Resp: Lower		6.6	12.6
Upper		10.0	18.8

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#26

2-Nitrophenol

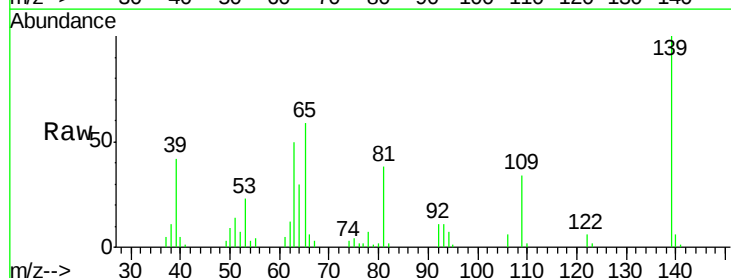
Concen: 38.48 ng

RT: 9.81 min Scan# 763

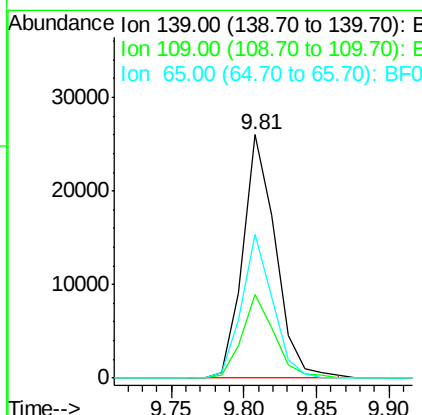
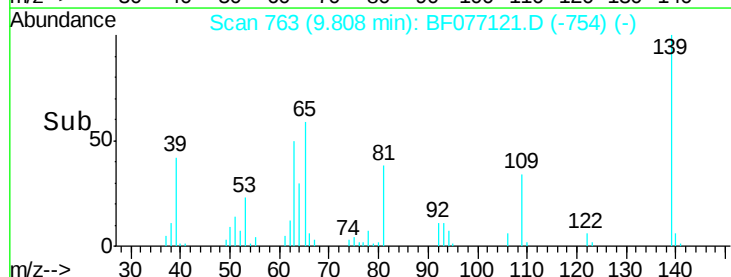
Delta R.T. 0.00 min

Lab File: BF077121.D

Acq: 29 Jan 2015 5:34



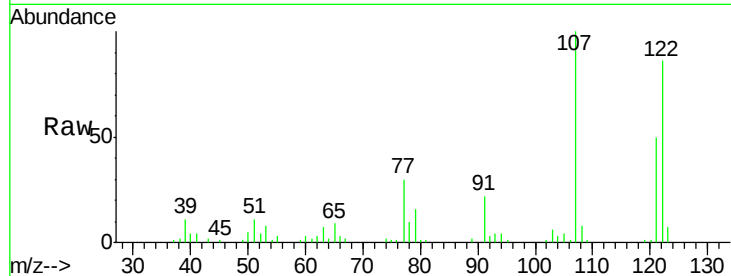
Tgt Ion	139	109	65
Ratio	100	34.3	59.0
Resp: Lower		21.3	39.4
Upper		31.9#	59.0





#27
 2,4-Dimethylphenol
 Concen: 42.91 ng
 RT: 10.10 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF077121.D
 Acq: 29 Jan 2015 5:34

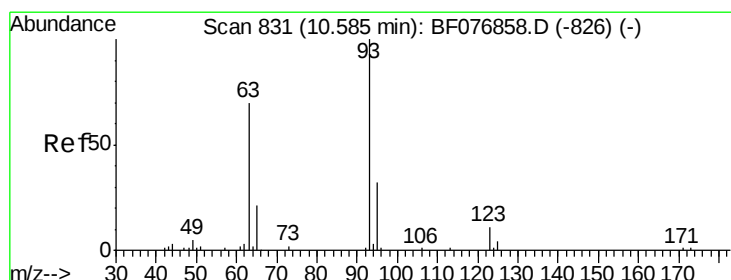
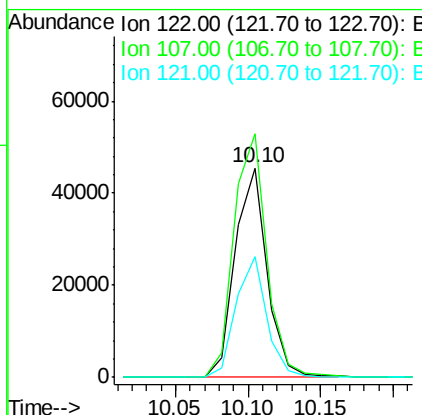
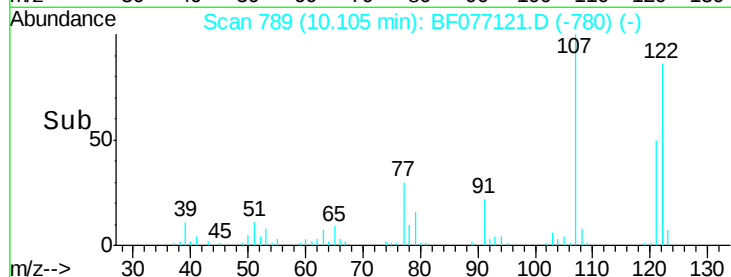
Instrument :
 BNA_F
 ClientSampleId :
 SB-84(17-19)MSD



Tgt Ion	Ratio	Resp	Lower	Upper
122	100	69524		
107	116.1	95.2	142.8	
121	57.7	42.9	64.3	

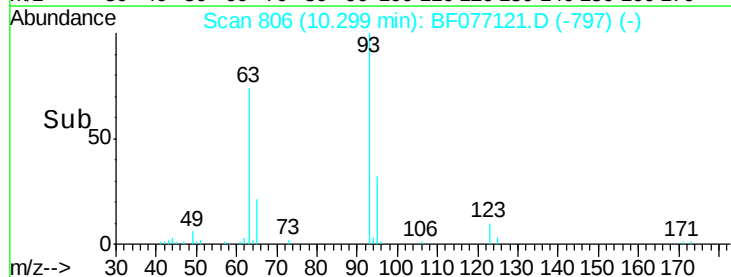
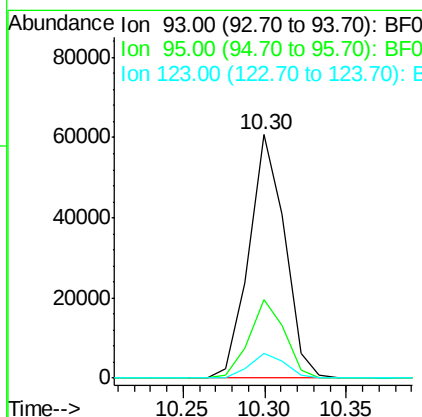
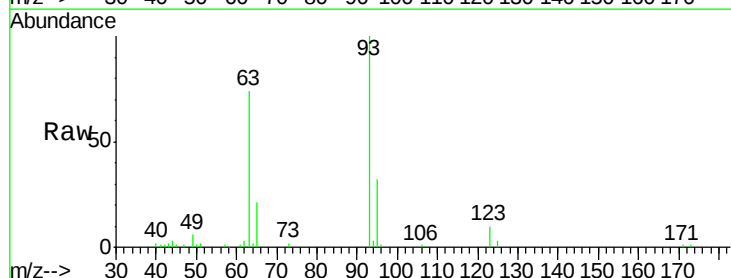
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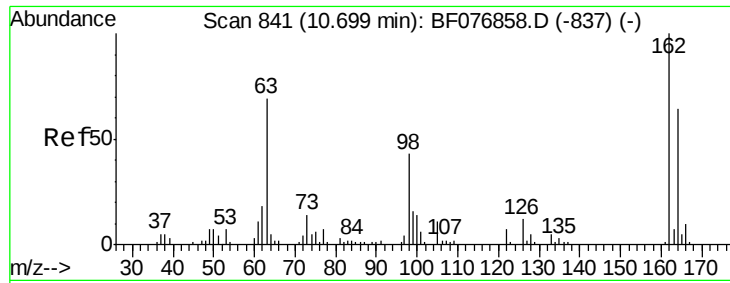
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#28
 bis(2-Chloroethoxy)methane
 Concen: 43.44 ng
 RT: 10.30 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: BF077121.D
 Acq: 29 Jan 2015 5:34

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	92473		
95	32.0	25.6	38.4	
123	9.9	8.9	13.3	





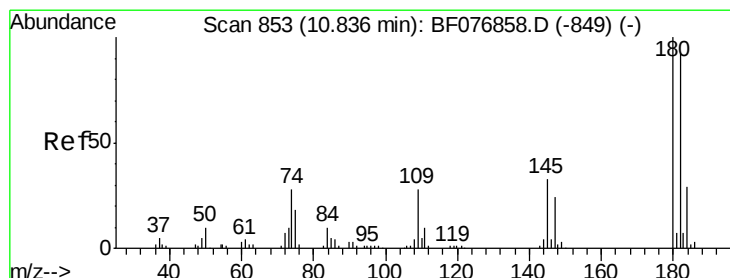
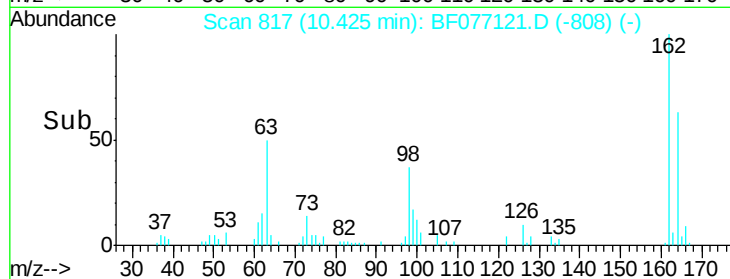
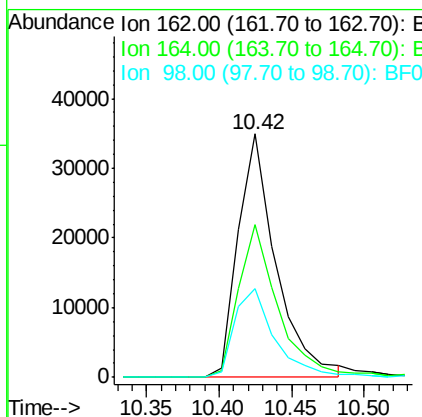
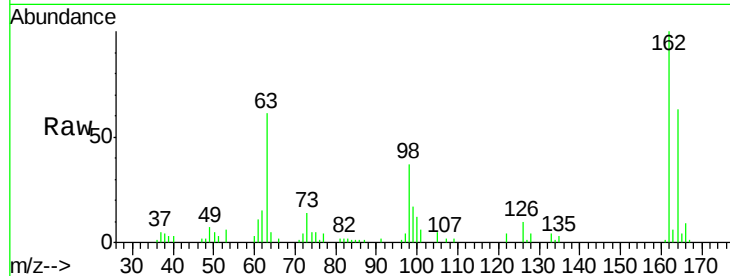
#29
2,4-Dichlorophenol
Concen: 42.11 ng
RT: 10.42 min Scan# 817
Delta R.T. 0.00 min
Lab File: BF077121.D
Acq: 29 Jan 2015 5:34

Instrument :
BNA_F
ClientSampleId :
SB-84(17-19)MSD

Tgt Ion:	162	Resp:	63589
Ion Ratio	Lower	Upper	
162	100		
164	62.7	43.8	83.8
98	36.7	22.5	62.5

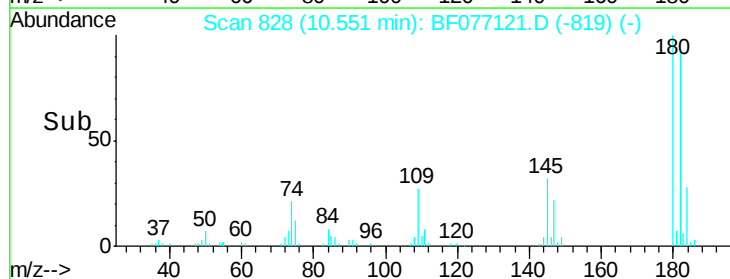
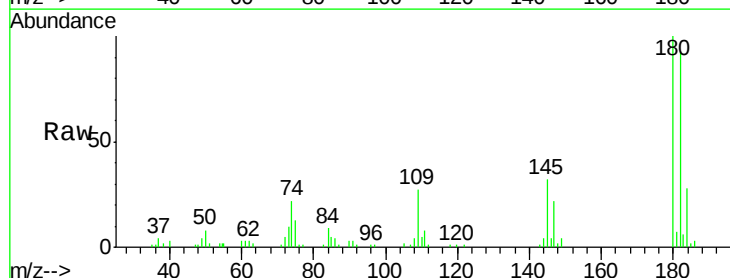
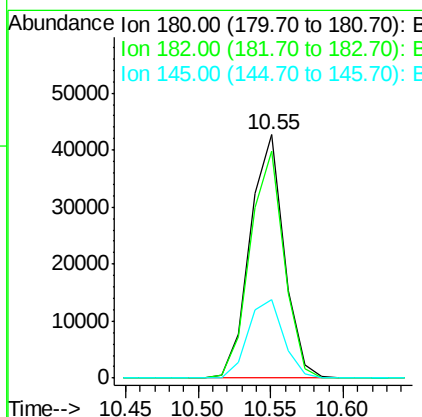
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#30
1,2,4-Trichlorobenzene
Concen: 41.47 ng
RT: 10.55 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF077121.D
Acq: 29 Jan 2015 5:34

Tgt Ion:	180	Resp:	69561
Ion Ratio	Lower	Upper	
180	100		
182	93.4	73.6	110.4
145	32.0	26.6	39.8





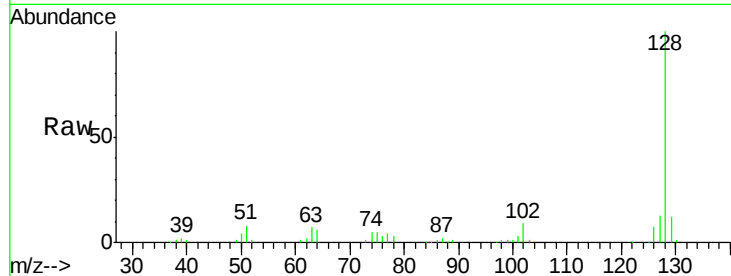
#31
Naphthalene
Concen: 39.49 ng
RT: 10.68 min Scan# 839
Delta R.T. 0.00 min
Lab File: BF077121.D
Acq: 29 Jan 2015 5:34

Instrument :
BNA_F
ClientSampleId :
SB-84(17-19)MSD

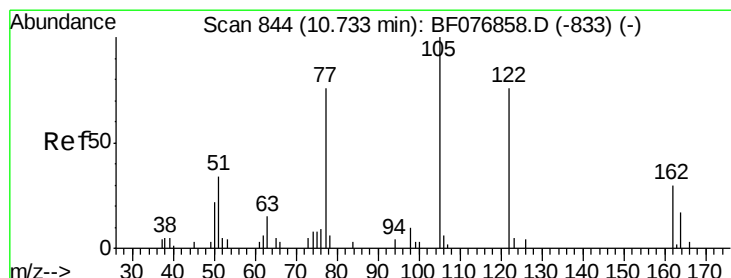
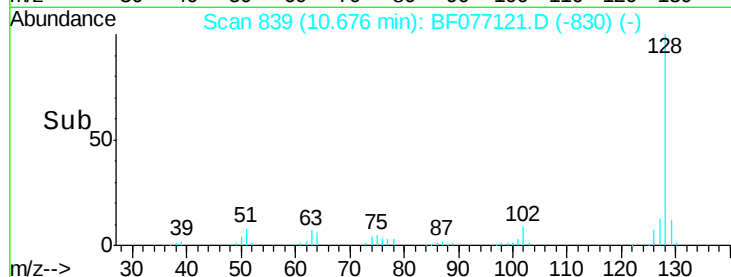
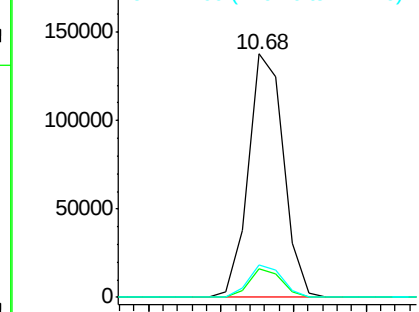
Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	11.9	9.0	13.6
127	13.5	10.2	15.2

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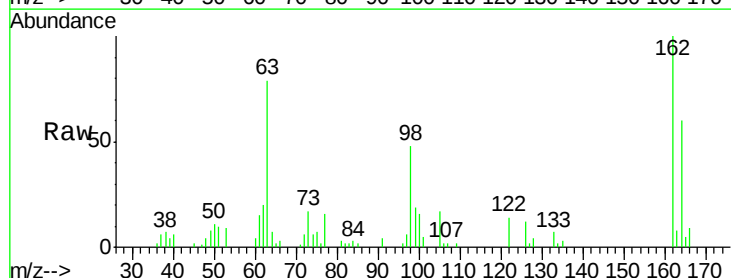


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

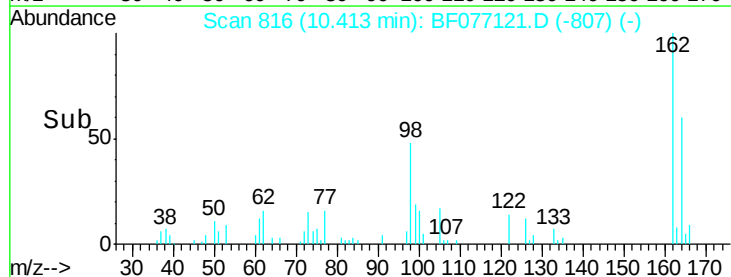
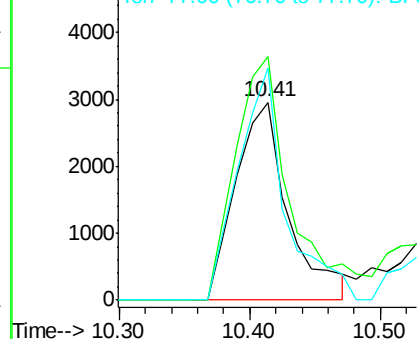


#32
Benzoic acid
Concen: 9.26 ng
RT: 10.41 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF077121.D
Acq: 29 Jan 2015 5:34

Tgt Ion	Ratio	Resp Lower	Resp Upper
122	100		
105	123.2	111.3	151.3
77	117.7	79.2	119.2



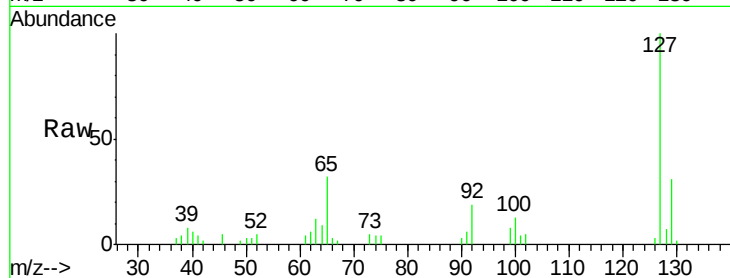
Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





#33
4-Chloroaniline
Concen: 18.88 ng
RT: 10.94 min Scan# 862
Delta R.T. 0.00 min
Lab File: BF077121.D
Acq: 29 Jan 2015 5:34

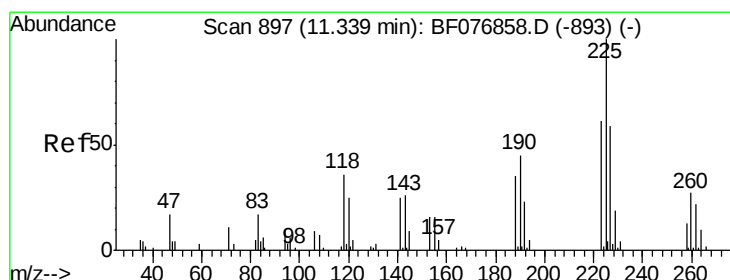
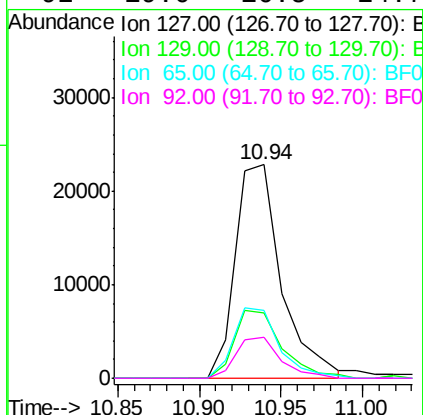
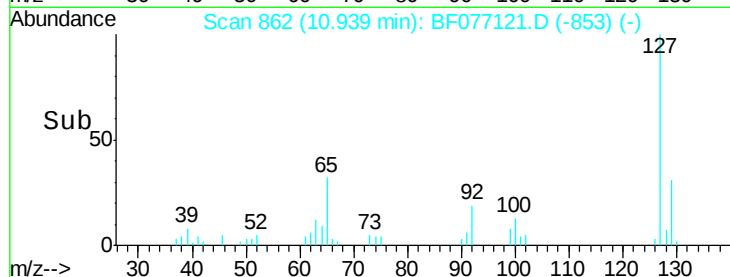
Instrument :
BNA_F
ClientSampleId :
SB-84(17-19)MSD



Tgt Ion	Ratio	Lower	Upper
127	100		
129	30.6	25.3	37.9
65	31.9	27.8	41.6
92	19.0	16.5	24.7

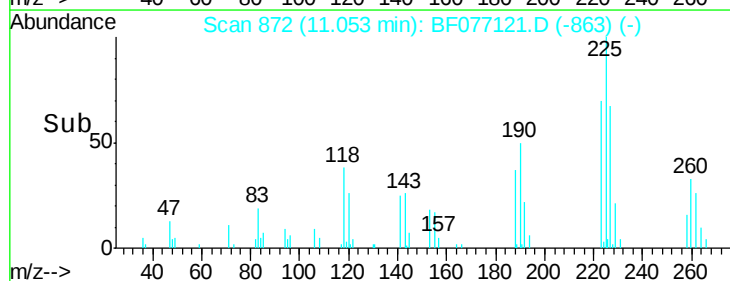
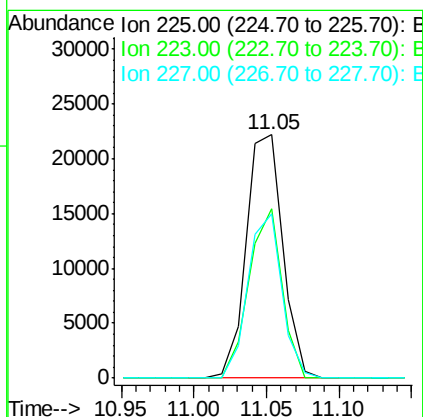
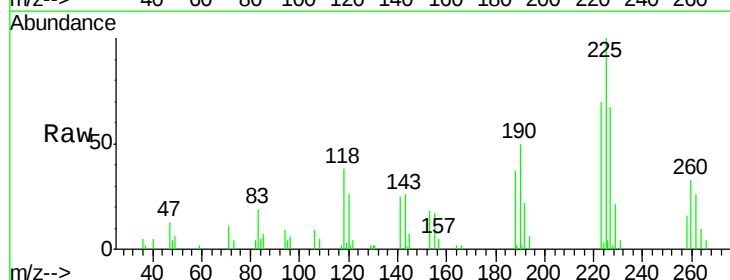
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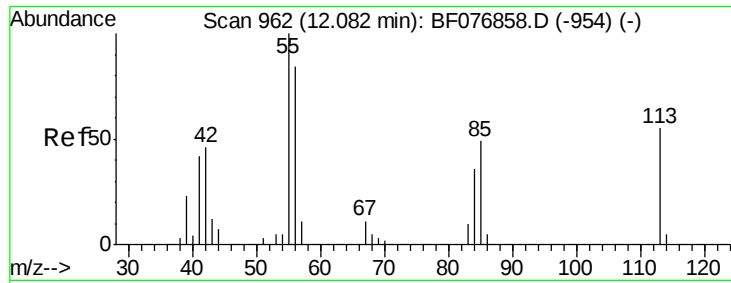
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#34
Hexachlorobutadiene
Concen: 38.91 ng
RT: 11.05 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF077121.D
Acq: 29 Jan 2015 5:34

Tgt Ion	Ratio	Lower	Upper
225	100		
223	69.8	49.1	73.7
227	67.5	47.5	71.3





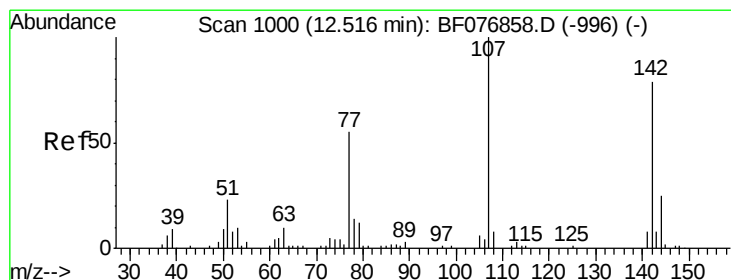
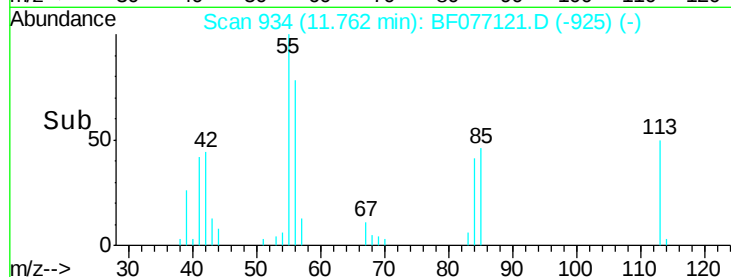
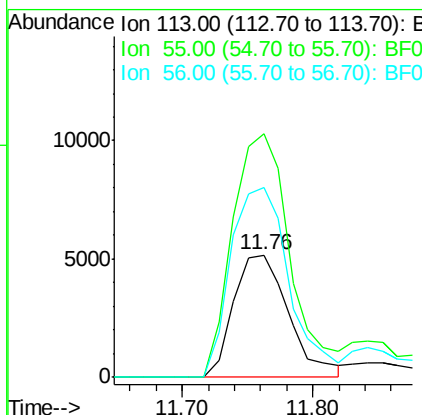
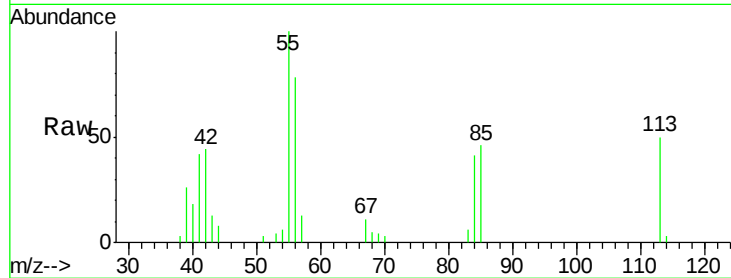
#35
 Caprolactam
 Concen: 34.21 ng
 RT: 11.76 min Scan# 934
 Delta R.T. 0.00 min
 Lab File: BF077121.D
 Acq: 29 Jan 2015 5:34

Instrument :
 BNA_F
 ClientSampleId :
 SB-84(17-19)MSD

Tgt Ion:113 Resp: 15208
 Ion Ratio Lower Upper
 113 100
 55 198.8 162.1 202.1
 56 155.1 133.7 173.7

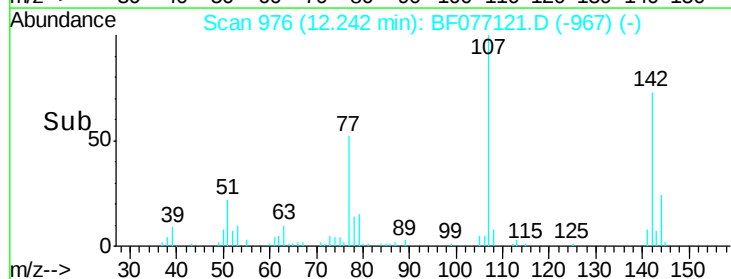
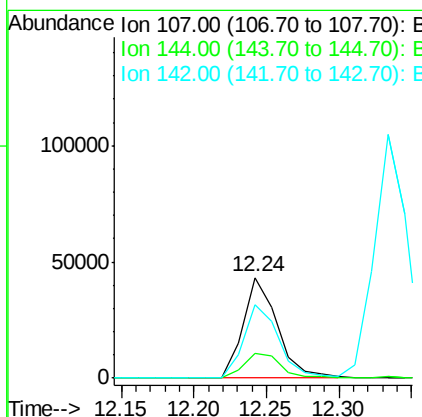
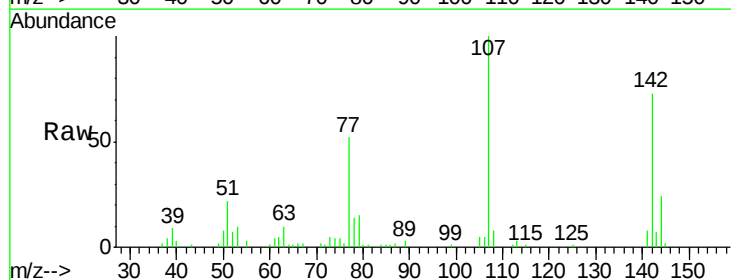
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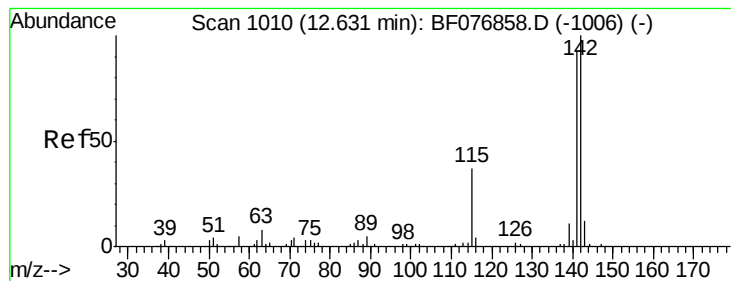
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#36
 4-Chloro-3-methylphenol
 Concen: 41.29 ng
 RT: 12.24 min Scan# 976
 Delta R.T. 0.00 min
 Lab File: BF077121.D
 Acq: 29 Jan 2015 5:34

Tgt Ion:107 Resp: 71383
 Ion Ratio Lower Upper
 107 100
 144 24.1 20.0 30.0
 142 73.2 63.5 95.3





#37

2-Methylnaphthalene

Concen: 41.24 ng

RT: 12.33 min Scan# 984

Delta R.T. 0.00 min

Lab File: BF077121.D

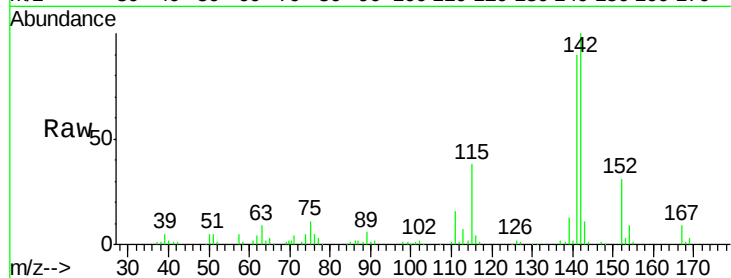
Acq: 29 Jan 2015 5:34

Instrument :

BNA_F

ClientSampleId :

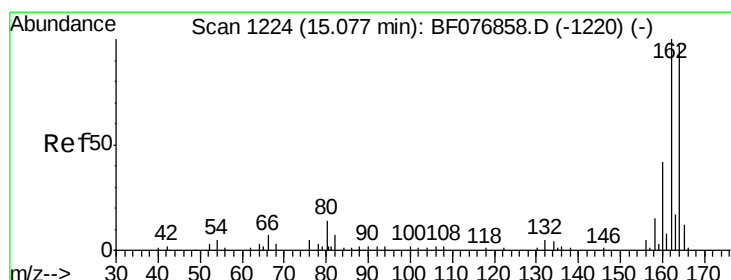
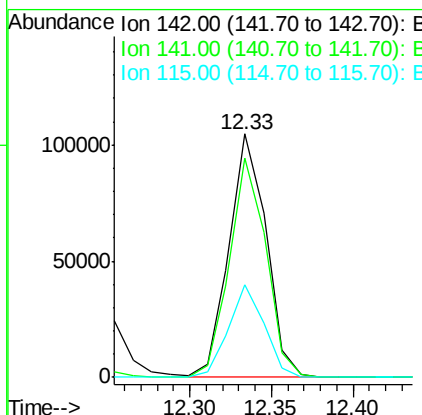
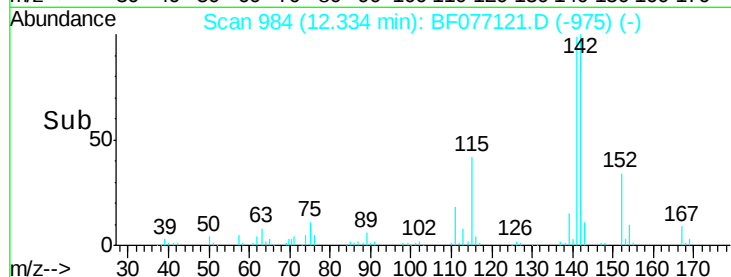
SB-84(17-19)MSD



Tgt Ion	Ratio	Resp	Lower	Upper
142	100	165225		
141	90.3	74.5	111.7	
115	37.9	29.7	44.5	

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#38

Acenaphthene-d10

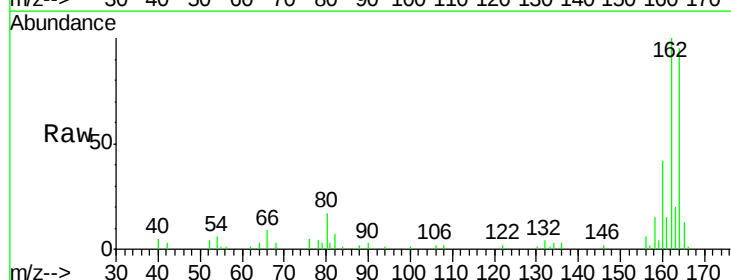
Concen: 20.00 ng

RT: 14.76 min Scan# 1196

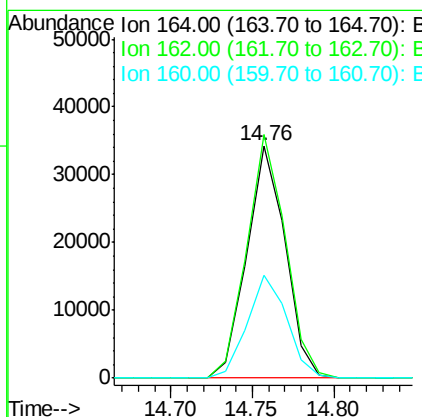
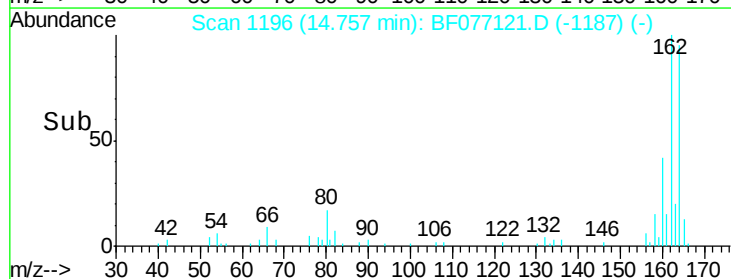
Delta R.T. 0.00 min

Lab File: BF077121.D

Acq: 29 Jan 2015 5:34



Tgt Ion	Ratio	Resp	Lower	Upper
164	100	55902		
162	104.9	82.4	123.6	
160	44.1	34.8	52.2	





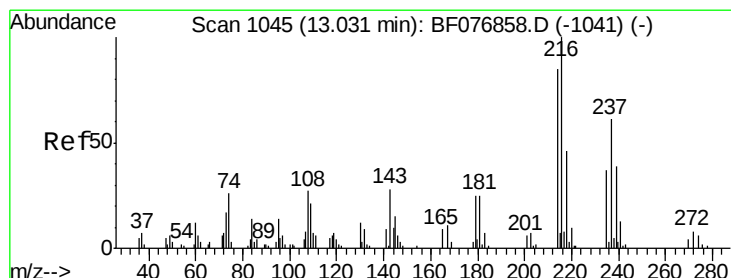
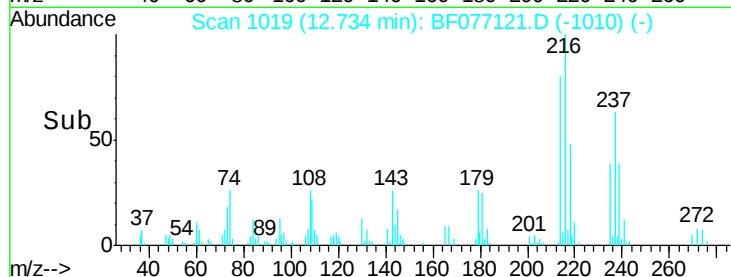
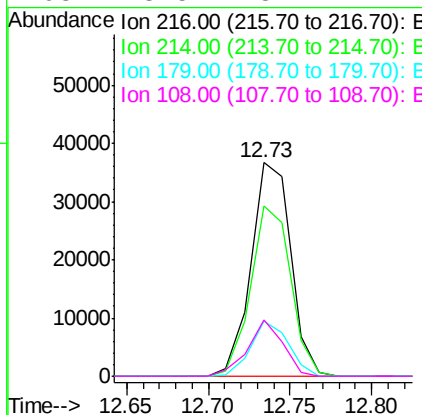
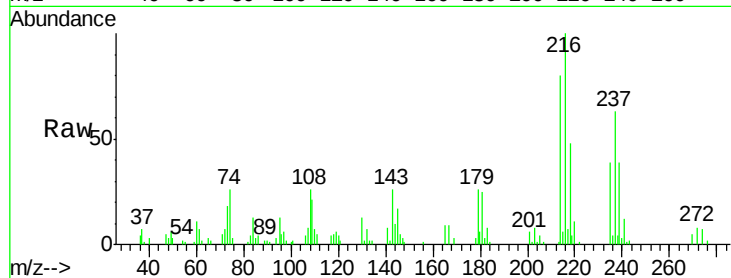
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.08 ng
 RT: 12.73 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: BF077121.D
 Acq: 29 Jan 2015 5:34

Instrument :
 BNA_F
 ClientSampleId :
 SB-84(17-19)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	62300		
214	80.2	64.9	97.3	
179	24.7	18.6	28.0	
108	23.5	18.1	27.1	

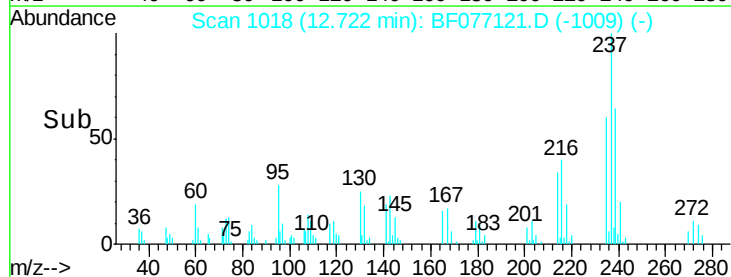
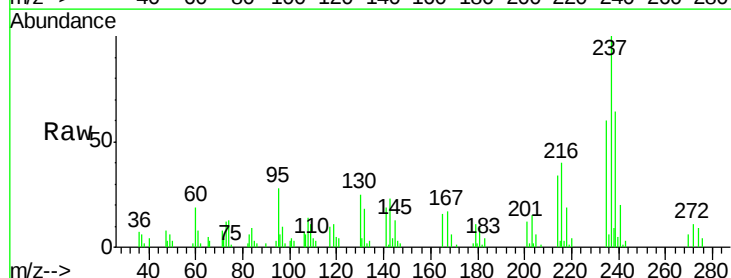
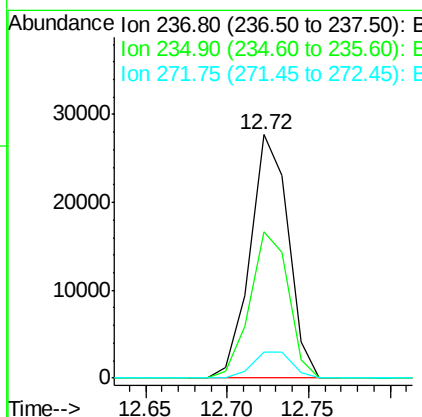
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#40
 Hexachlorocyclopentadiene
 Concen: 61.57 ng
 RT: 12.72 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: BF077121.D
 Acq: 29 Jan 2015 5:34

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	44979		
235	60.3	40.4	80.4	
272	10.6	0.0	33.2	





#41

2,4,6-Tribromophenol

Concen: 140.40 ng

RT: 16.48 min Scan# 1347

Delta R.T. 0.00 min

Lab File: BF077121.D

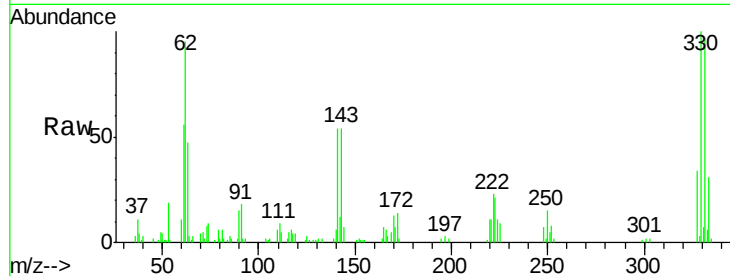
Acq: 29 Jan 2015 5:34

Instrument :

BNA_F

ClientSampleId :

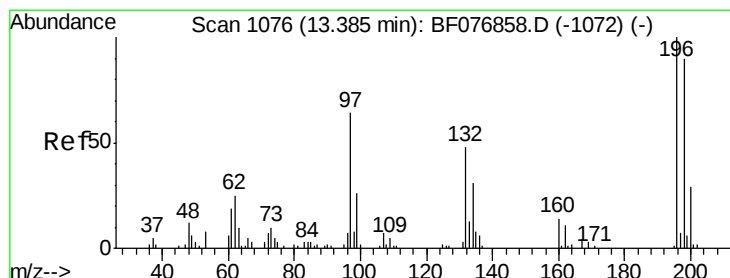
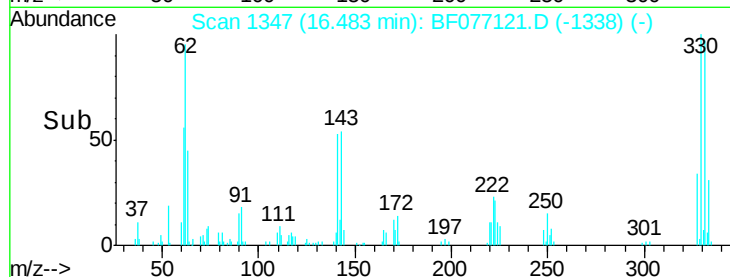
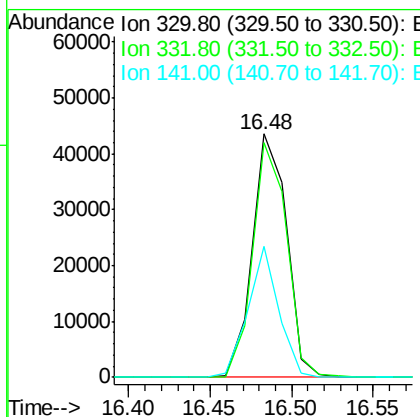
SB-84(17-19)MSD



Tgt Ion:	330	Resp:	63708
Ion Ratio	Lower	Upper	
330	100		
332	95.8	77.8	116.6
141	48.2	38.5	57.7

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#42

2,4,6-Trichlorophenol

Concen: 44.18 ng

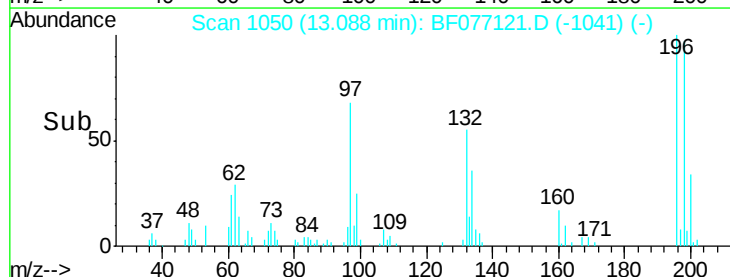
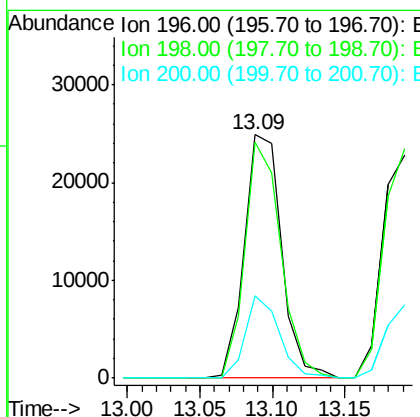
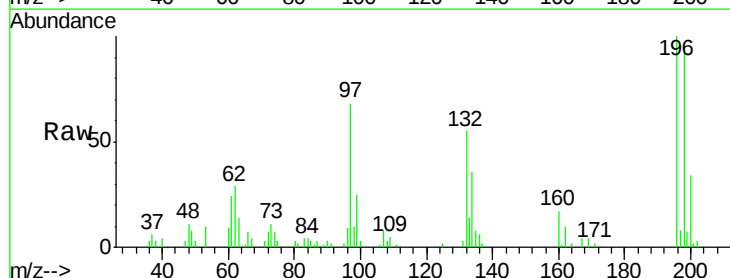
RT: 13.09 min Scan# 1050

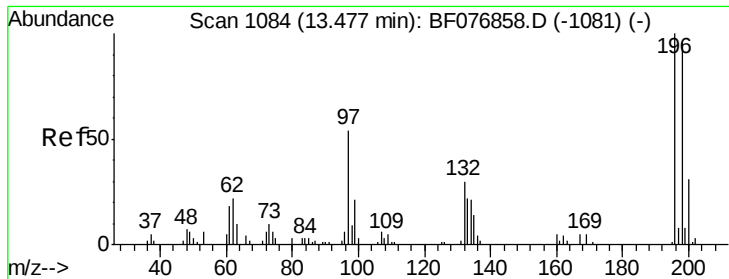
Delta R.T. 0.00 min

Lab File: BF077121.D

Acq: 29 Jan 2015 5:34

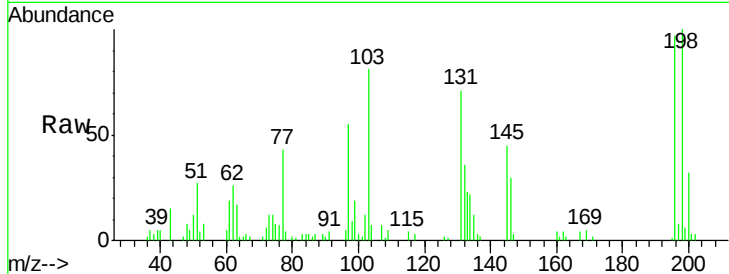
Tgt Ion:	196	Resp:	44486
Ion Ratio	Lower	Upper	
196	100		
198	96.8	72.0	108.0
200	33.9	23.4	35.2





#43
 2,4,5-Trichlorophenol
 Concen: 44.96 ng
 RT: 13.19 min Scan# 1059
 Delta R.T. 0.00 min
 Lab File: BF077121.D
 Acq: 29 Jan 2015 5:34

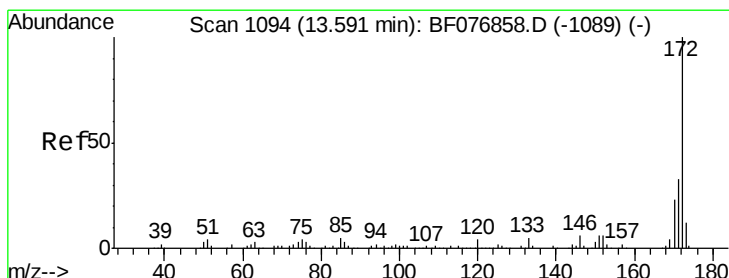
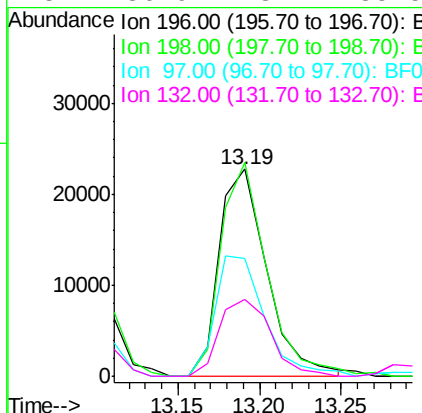
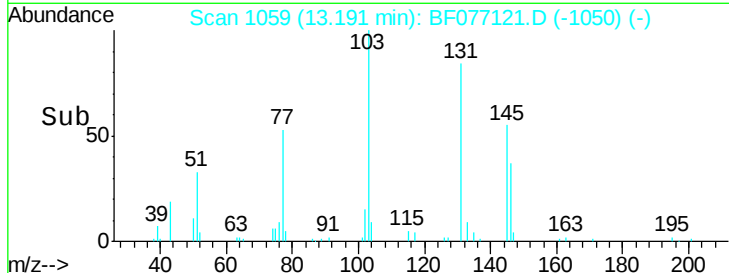
Instrument :
 BNA_F
 ClientSampleId :
 SB-84(17-19)MSD



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	46178		
198	103.1	76.6	115.0	
97	57.0	43.4	65.0	
132	36.9	23.7	35.5#	

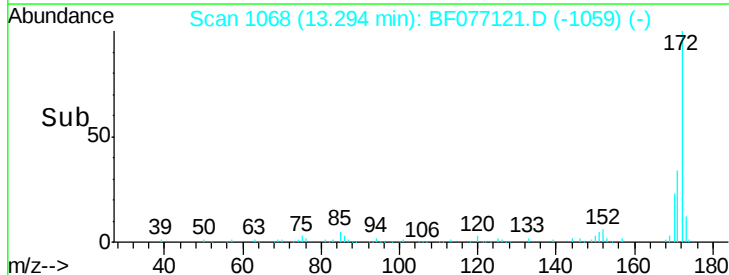
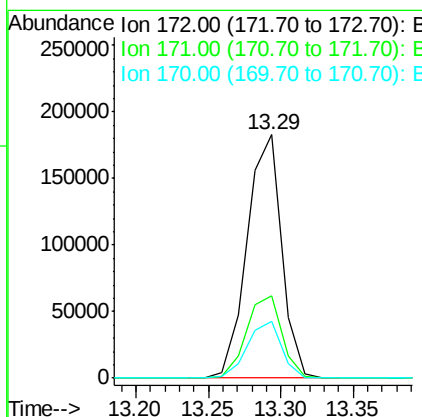
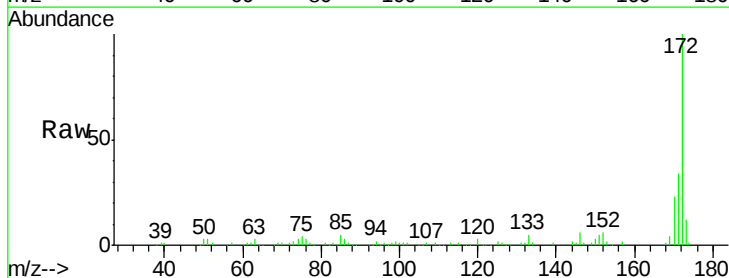
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#44
 2-Fluorobiphenyl
 Concen: 82.01 ng
 RT: 13.29 min Scan# 1068
 Delta R.T. 0.00 min
 Lab File: BF077121.D
 Acq: 29 Jan 2015 5:34

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	301270		
171	33.9	26.6	40.0	
170	23.2	18.0	27.0	





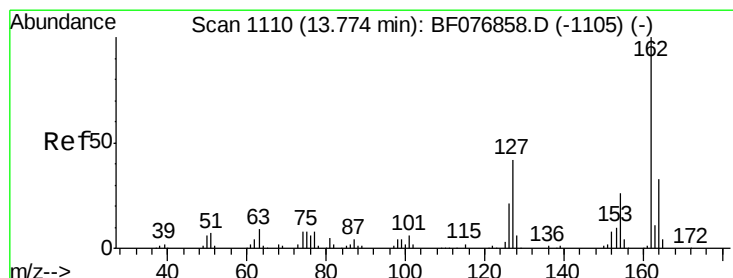
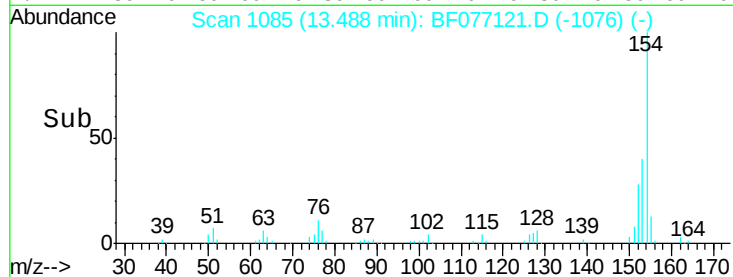
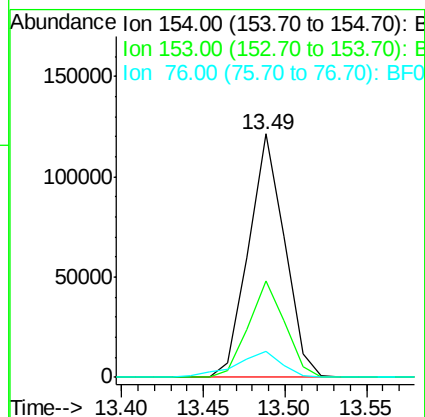
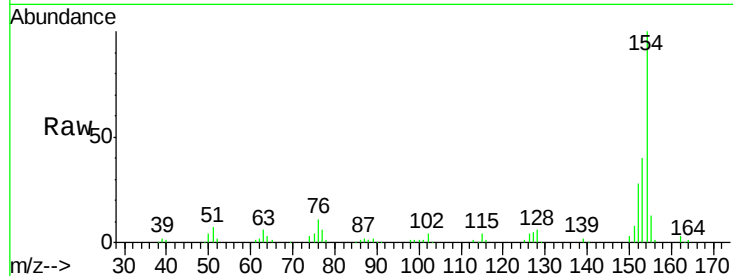
#45
 1,1'-Biphenyl
 Concen: 44.97 ng
 RT: 13.49 min Scan# 1085
 Delta R.T. 0.00 min
 Lab File: BF077121.D
 Acq: 29 Jan 2015 5:34

Instrument :
 BNA_F
 ClientSampleId :
 SB-84(17-19)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	39.5	20.2	60.2	
76	10.7	0.0	29.0	

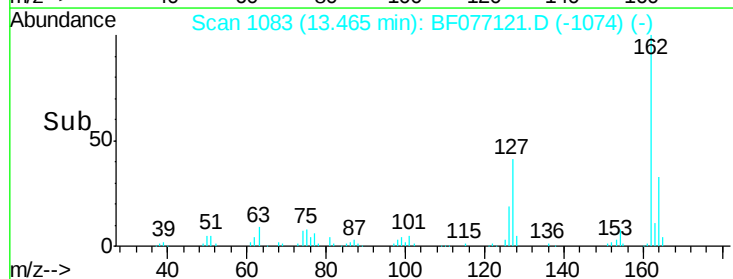
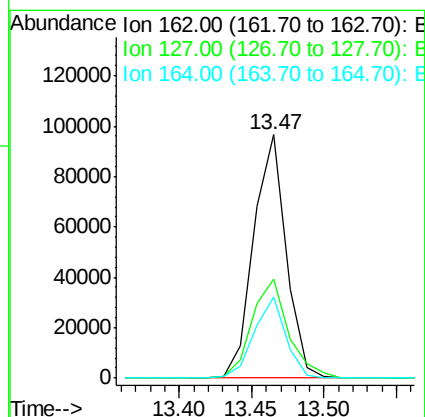
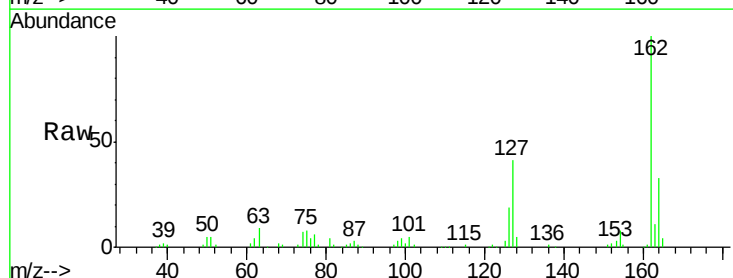
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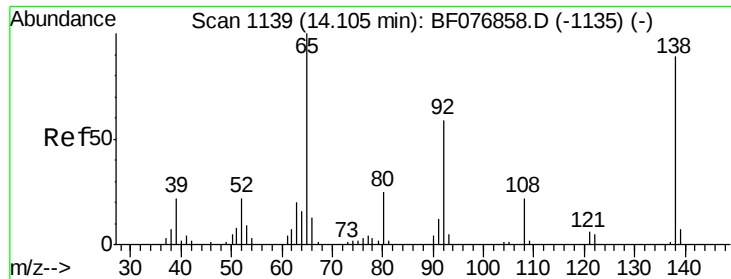
apatel
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#46
 2-Chloronaphthalene
 Concen: 43.99 ng
 RT: 13.47 min Scan# 1083
 Delta R.T. 0.00 min
 Lab File: BF077121.D
 Acq: 29 Jan 2015 5:34

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	40.5	33.8	50.6	
164	33.3	26.8	40.2	





#47

2-Nitroaniline

Concen: 47.60 ng

RT: 13.81 min Scan# 1113

Delta R.T. 0.00 min

Lab File: BF077121.D

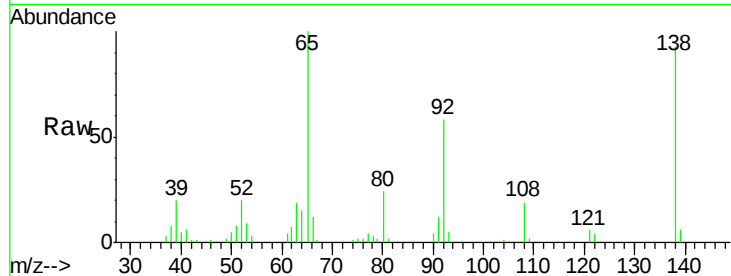
Acq: 29 Jan 2015 5:34

Instrument :

BNA_F

ClientSampleId :

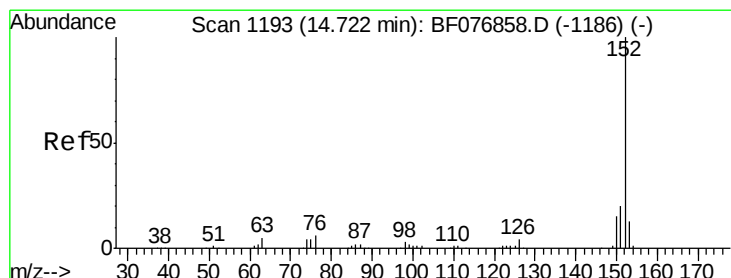
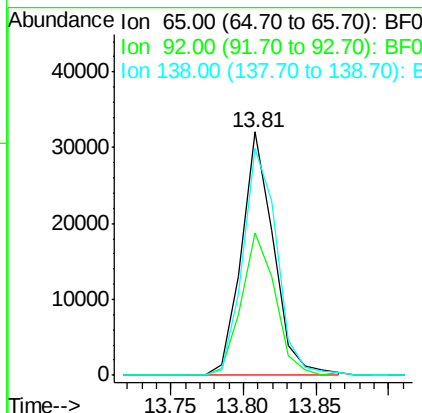
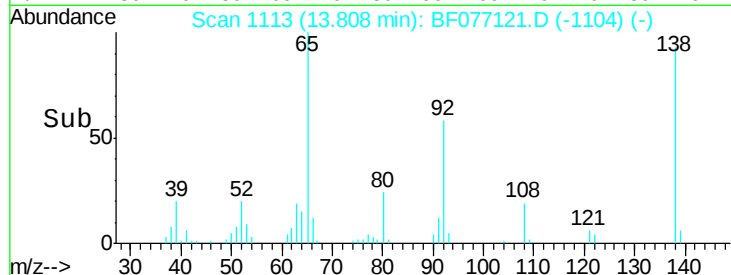
SB-84(17-19)MSD



Tgt Ion	Ratio	Lower	Upper
65	100		
92	58.4	47.3	70.9
138	93.1	71.4	107.2

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#48

Acenaphthylene

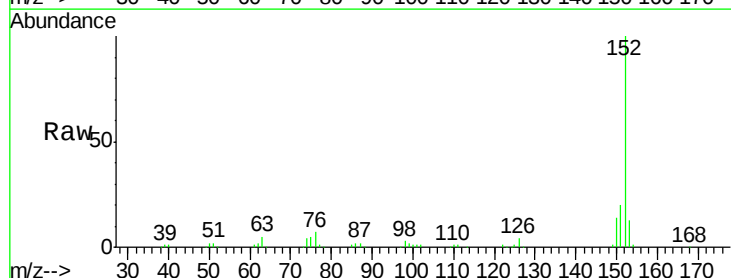
Concen: 41.89 ng

RT: 14.41 min Scan# 1166

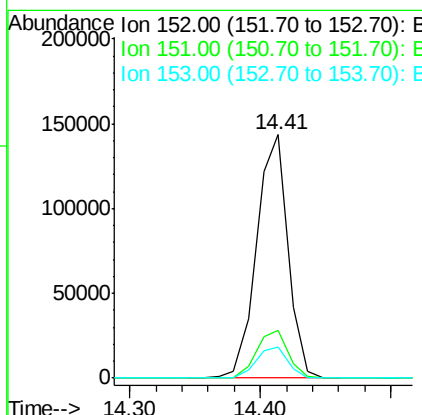
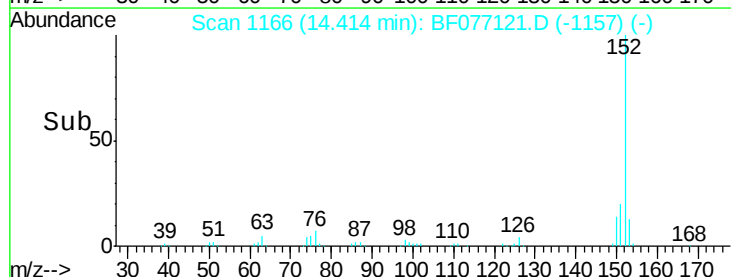
Delta R.T. 0.00 min

Lab File: BF077121.D

Acq: 29 Jan 2015 5:34



Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.9	23.9
153	12.6	10.2	15.4





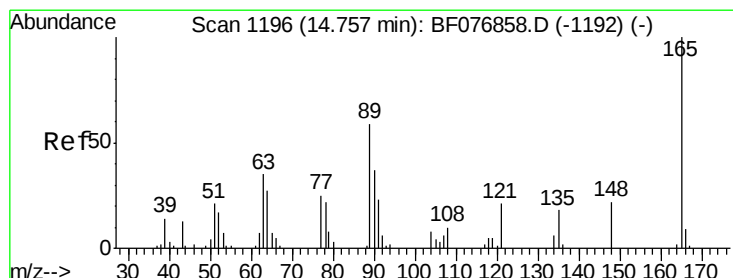
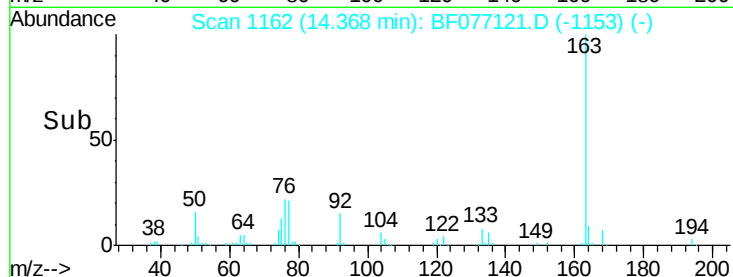
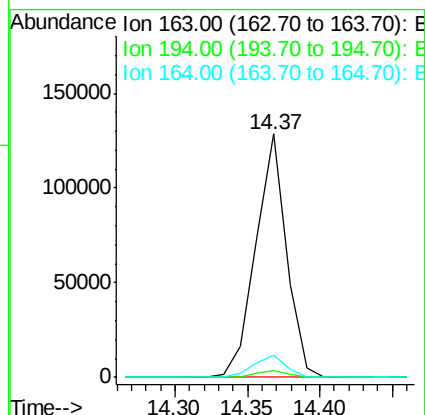
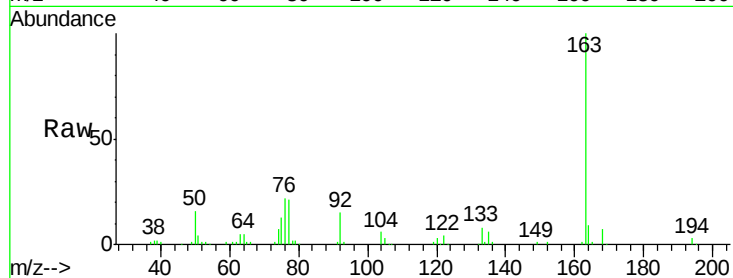
#49
Dimethylphthalate
Concen: 47.75 ng
RT: 14.37 min Scan# 1162
Delta R.T. 0.00 min
Lab File: BF077121.D
Acq: 29 Jan 2015 5:34

Instrument :
BNA_F
ClientSampleId :
SB-84(17-19)MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	2.8	2.6	4.0
164	9.3	7.5	11.3

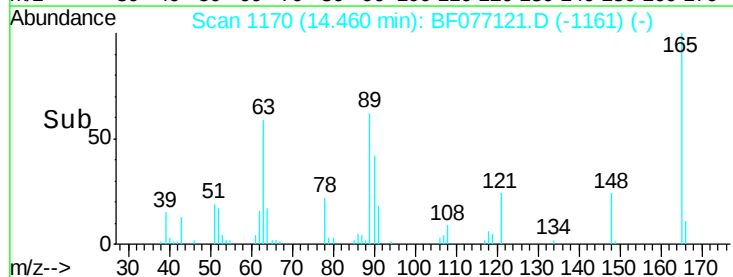
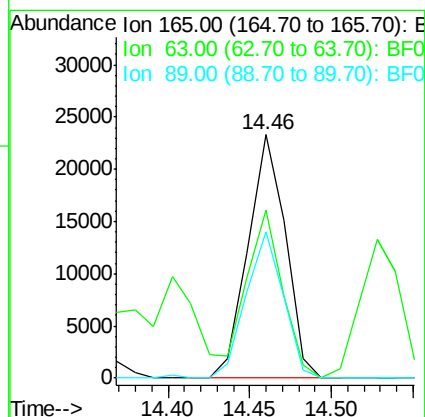
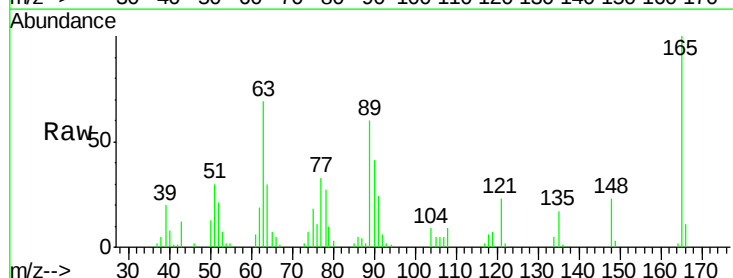
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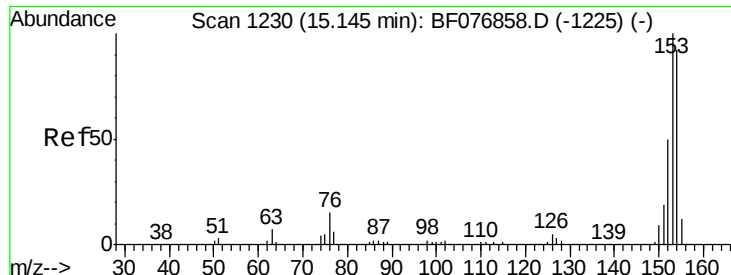
apatel
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#50
2,6-Dinitrotoluene
Concen: 46.76 ng
RT: 14.46 min Scan# 1170
Delta R.T. 0.00 min
Lab File: BF077121.D
Acq: 29 Jan 2015 5:34

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	69.0	48.1	72.1
89	60.2	47.2	70.8





#51

Acenaphthene

Concen: 41.82 ng

RT: 14.84 min Scan# 1203

Delta R.T. 0.00 min

Lab File: BF077121.D

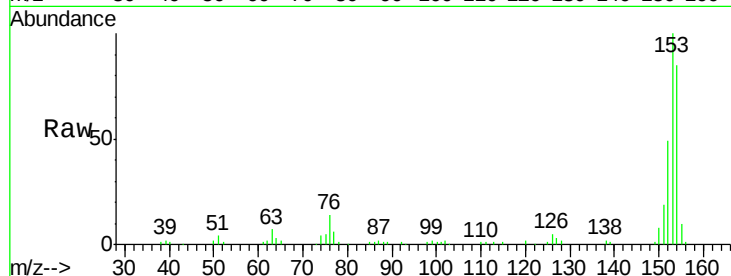
Acq: 29 Jan 2015 5:34

Instrument :

BNA_F

ClientSampleId :

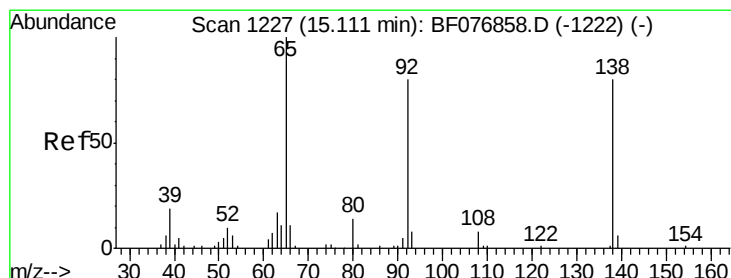
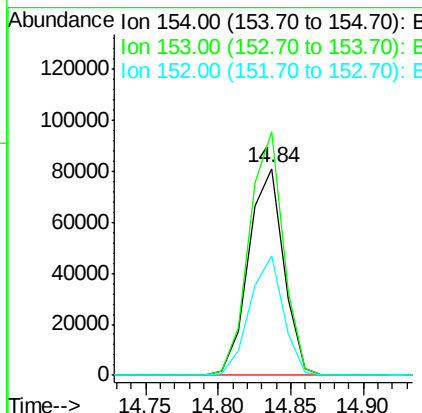
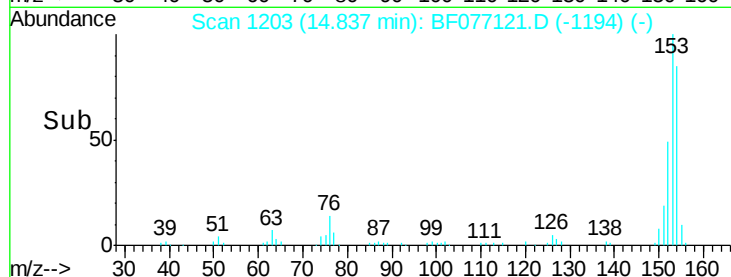
SB-84(17-19)MSD



Tgt Ion	Ratio	Lower	Upper
154	100		
153	117.9	87.0	130.6
152	58.0	43.5	65.3

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#52

3-Nitroaniline

Concen: 30.86 ng

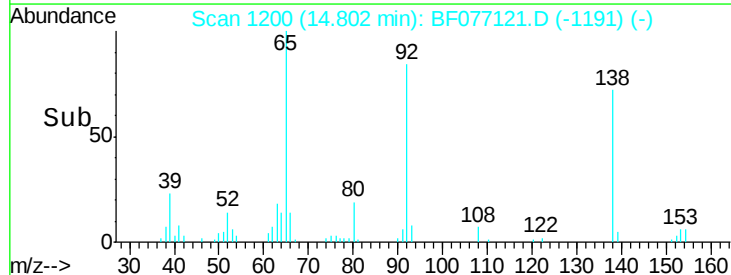
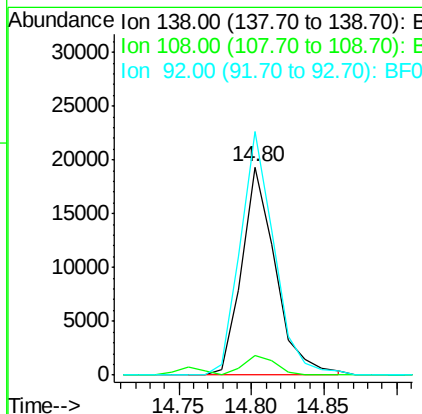
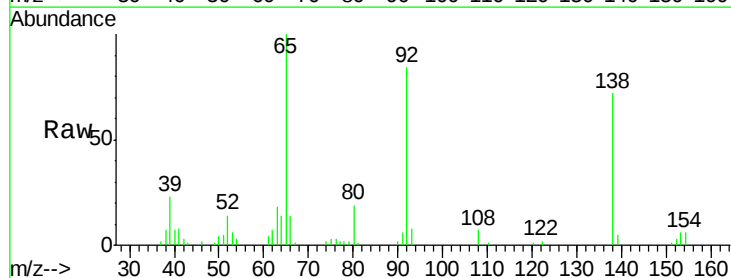
RT: 14.80 min Scan# 1200

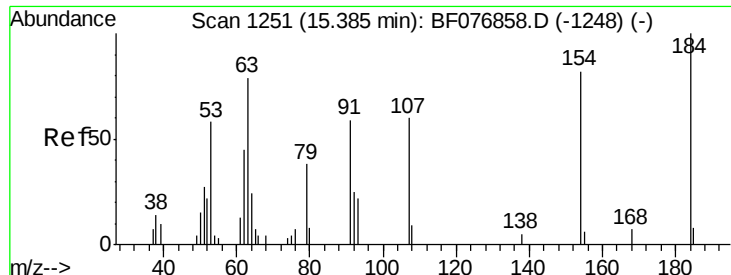
Delta R.T. 0.00 min

Lab File: BF077121.D

Acq: 29 Jan 2015 5:34

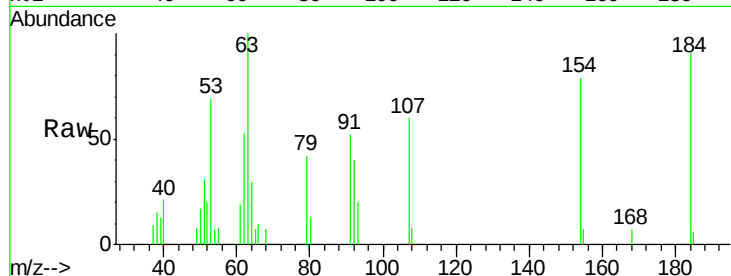
Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.4	8.3	12.5
92	116.9	80.9	121.3





#53
 2,4-Dinitrophenol
 Concen: 38.04 ng
 RT: 15.09 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: BF077121.D
 Acq: 29 Jan 2015 5:34

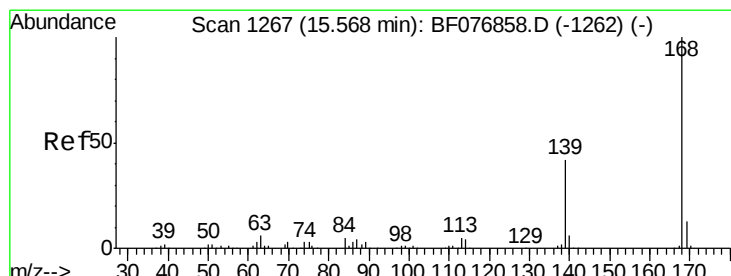
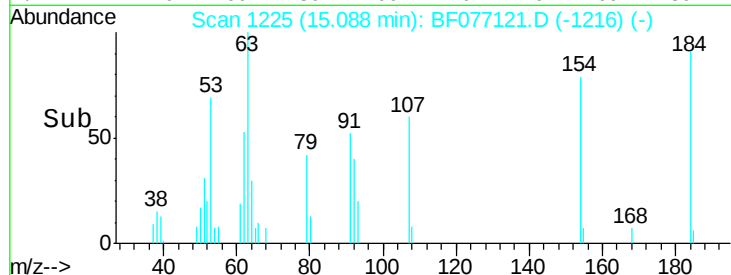
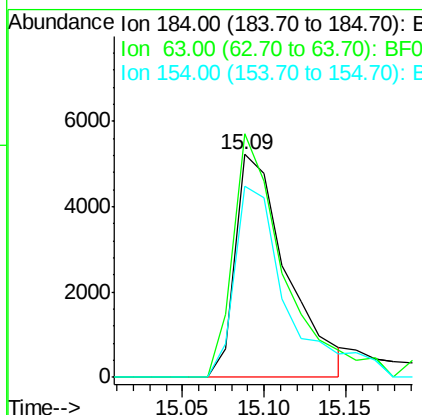
Instrument :
 BNA_F
 ClientSampleId :
 SB-84(17-19)MSD



Tgt Ion:	184	Resp:	11454
Ion Ratio	Lower	Upper	
184	100		
63	109.4	63.0	94.6#
154	86.2	65.5	98.3

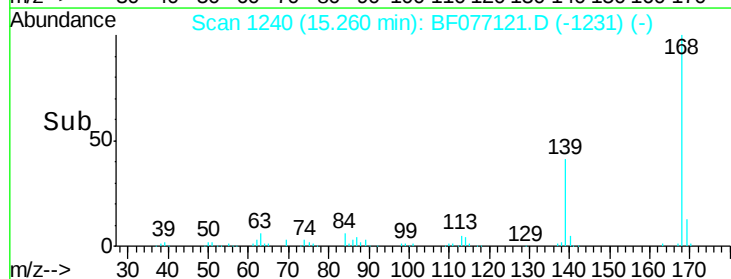
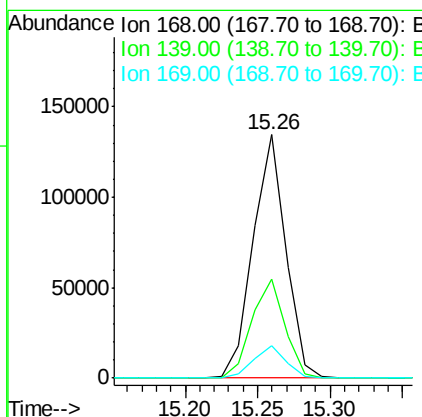
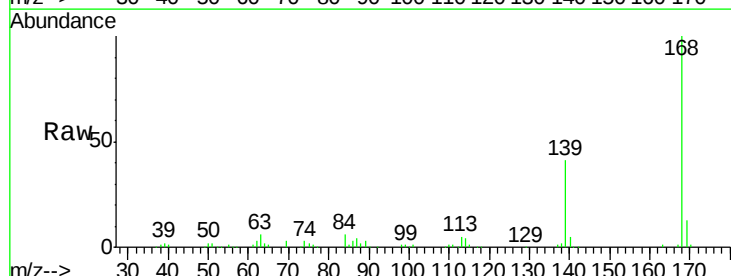
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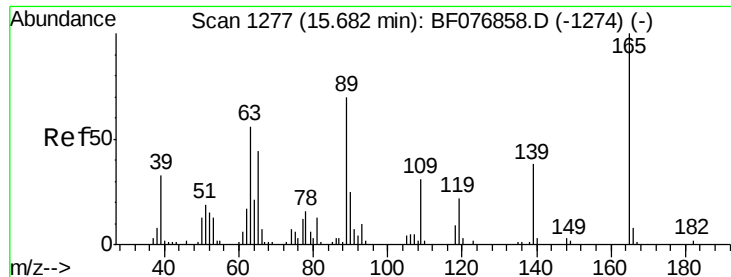
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#54
 Dibenzofuran
 Concen: 44.36 ng
 RT: 15.26 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: BF077121.D
 Acq: 29 Jan 2015 5:34

Tgt Ion:	168	Resp:	210921
Ion Ratio	Lower	Upper	
168	100		
139	40.9	33.4	50.2
169	13.1	10.6	15.8





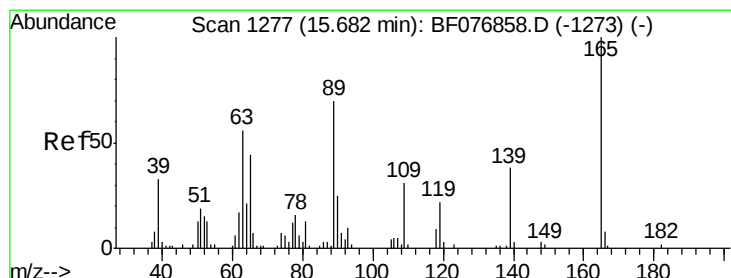
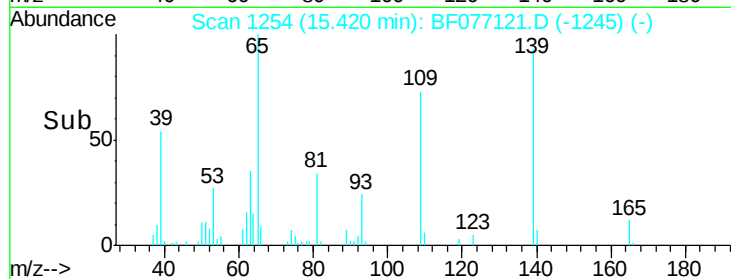
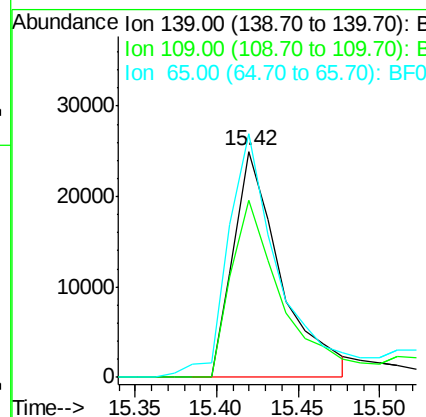
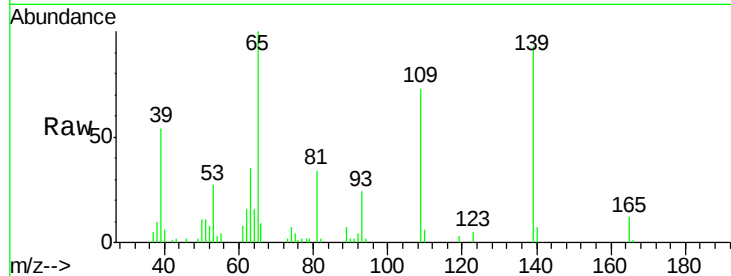
#55
4-Nitrophenol
Concen: 81.36 ng
RT: 15.42 min Scan# 1254
Delta R.T. 0.00 min
Lab File: BF077121.D
Acq: 29 Jan 2015 5:34

Instrument :
BNA_F
ClientSampleId :
SB-84(17-19)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	50562		
109	78.2	61.0	101.0	
65	107.7	96.6	136.6	

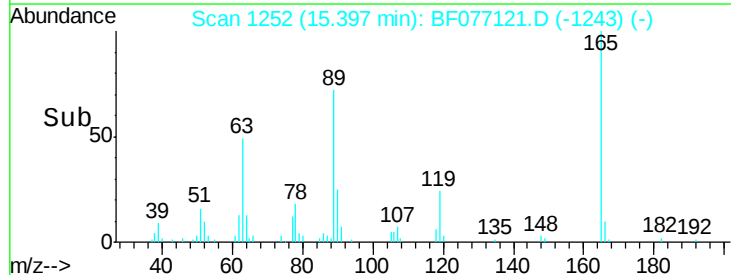
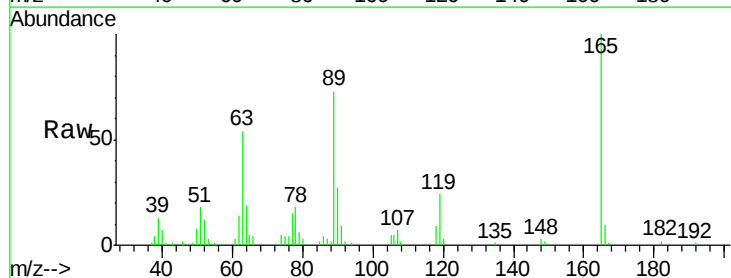
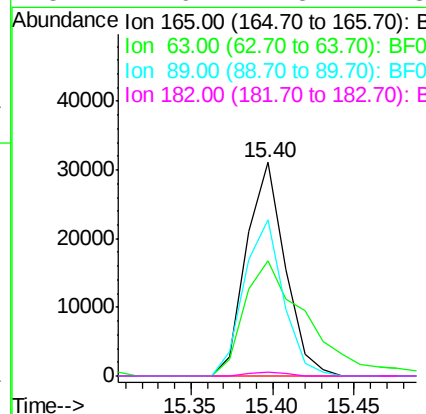
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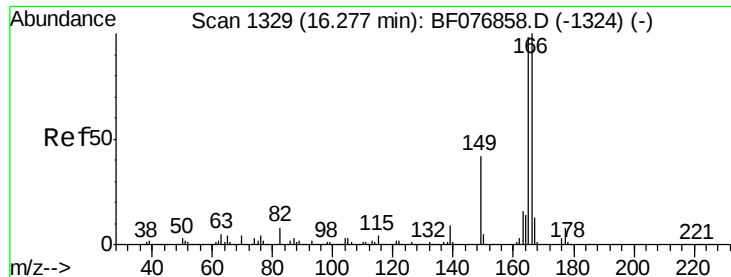
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#56
2,4-Dinitrotoluene
Concen: 43.25 ng
RT: 15.40 min Scan# 1252
Delta R.T. 0.00 min
Lab File: BF077121.D
Acq: 29 Jan 2015 5:34

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	51099		
63	53.7	44.8	67.2	
89	73.3	56.2	84.2	
182	1.9	1.5	2.3	





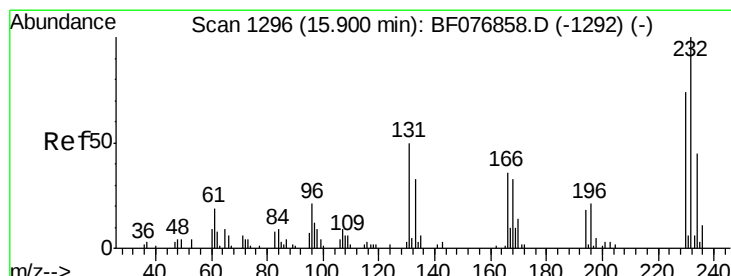
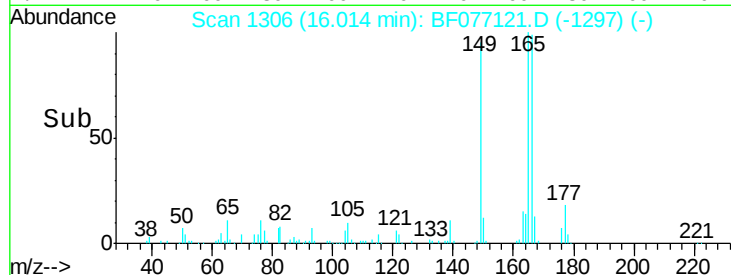
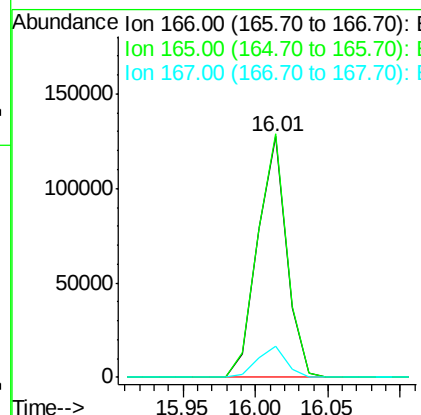
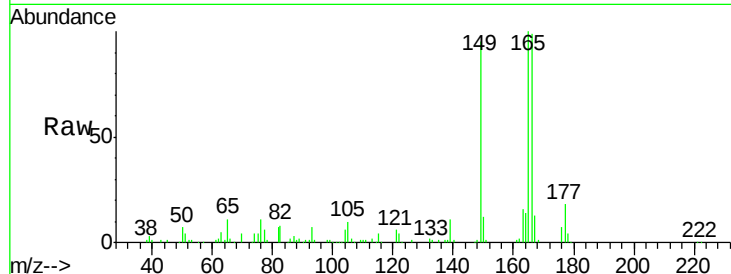
#57
 Fluorene
 Concen: 43.95 ng
 RT: 16.01 min Scan# 1306
 Delta R.T. 0.00 min
 Lab File: BF077121.D
 Acq: 29 Jan 2015 5:34

Instrument :
 BNA_F
 ClientSampleId :
 SB-84(17-19)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	177022		
165	101.3	78.5	117.7	
167	13.2	10.4	15.6	

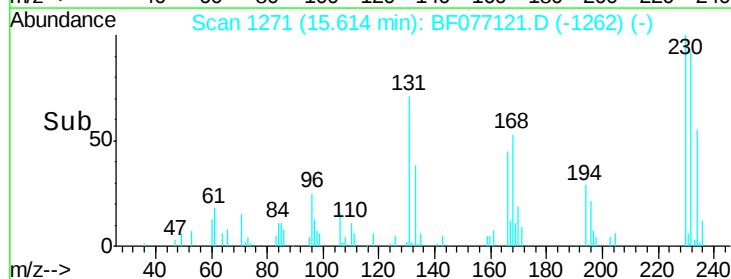
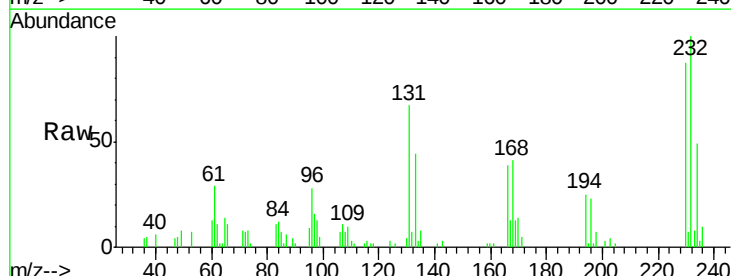
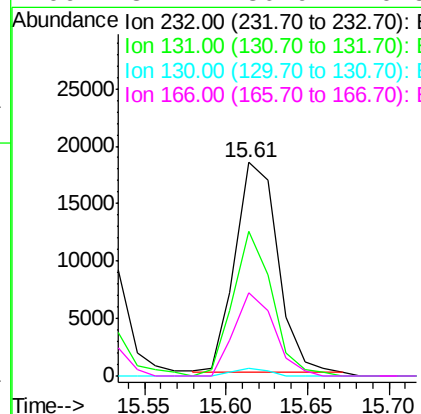
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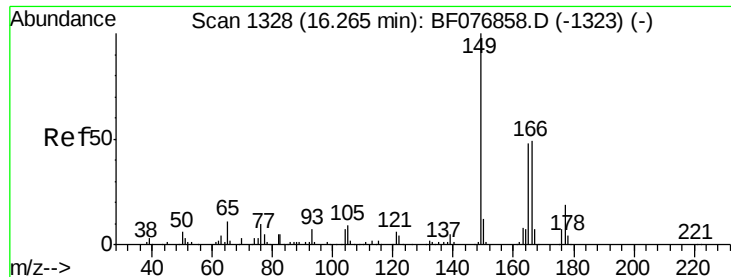
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 44.49 ng
 RT: 15.61 min Scan# 1271
 Delta R.T. 0.00 min
 Lab File: BF077121.D
 Acq: 29 Jan 2015 5:34

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	33271		
131	63.0	45.0	67.6	
130	3.0	2.6	3.8	
166	37.2	30.9	46.3	





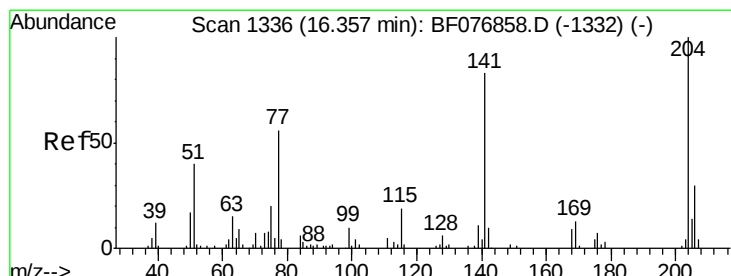
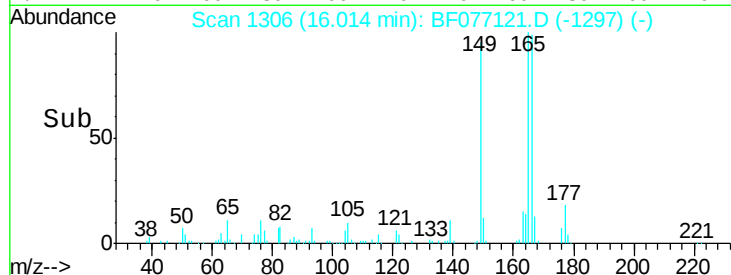
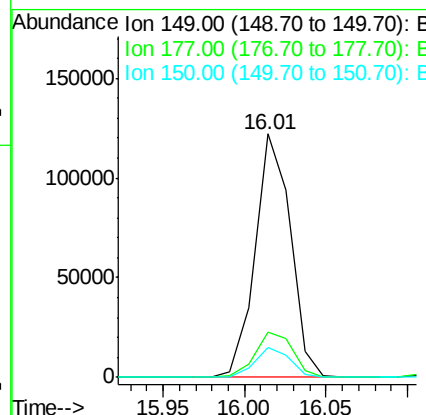
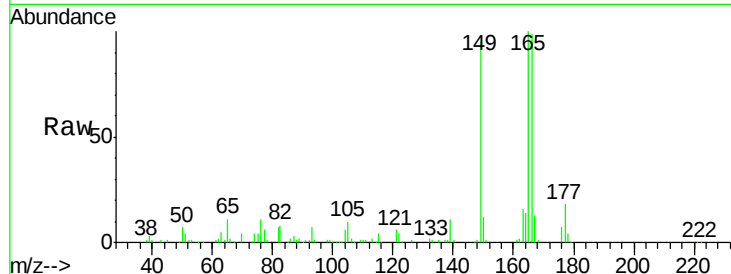
#59
Diethylphthalate
Concen: 45.75 ng
RT: 16.01 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BF077121.D
Acq: 29 Jan 2015 5:34

Instrument :
BNA_F
ClientSampleId :
SB-84(17-19)MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
177	18.5	15.0	22.6
150	12.3	9.4	14.0

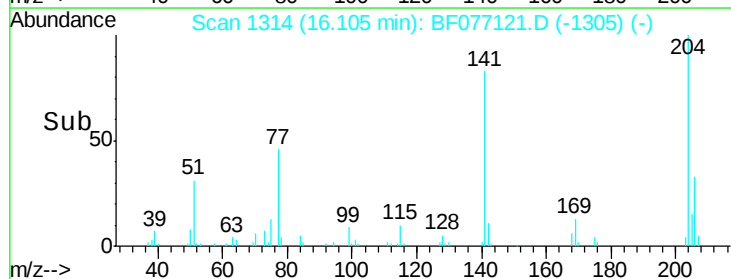
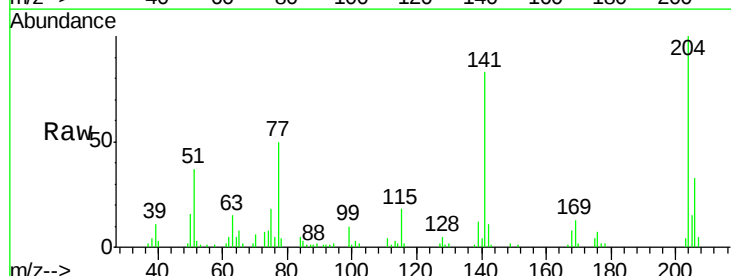
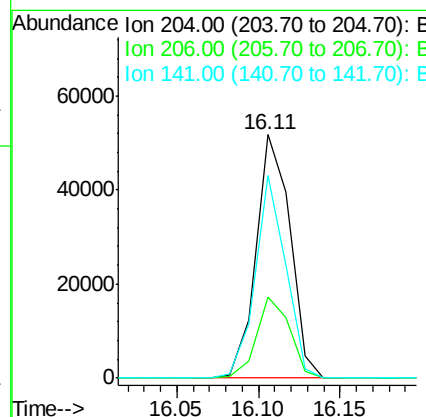
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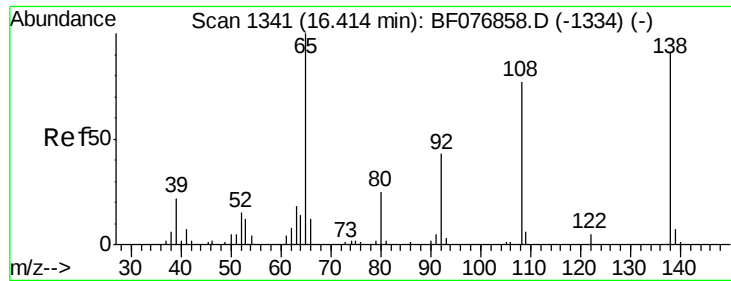
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#60
4-Chlorophenyl-phenylether
Concen: 45.31 ng
RT: 16.11 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BF077121.D
Acq: 29 Jan 2015 5:34

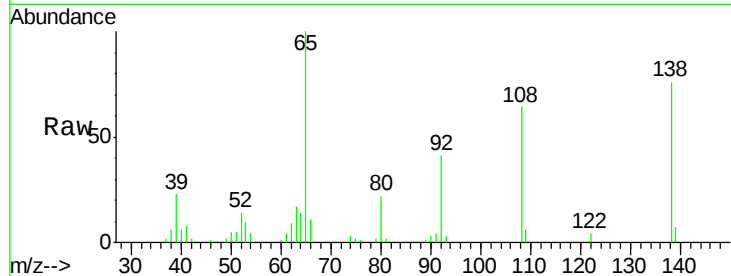
Tgt Ion	Ratio	Resp Lower	Resp Upper
204	100		
206	33.2	24.2	36.2
141	83.0	66.7	100.1





#61
4-Nitroaniline
Concen: 35.21 ng
RT: 16.16 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BF077121.D
Acq: 29 Jan 2015 5:34

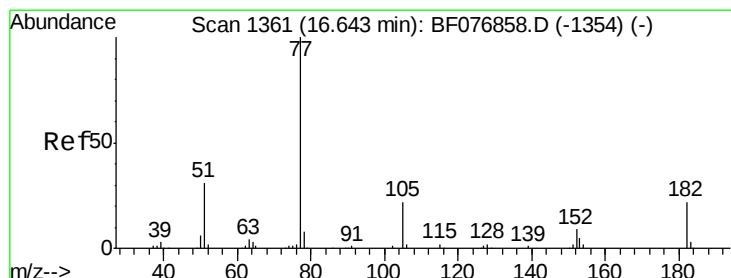
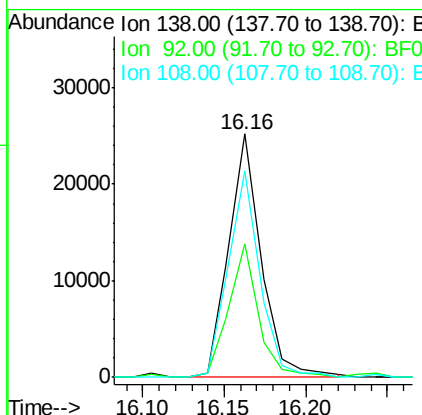
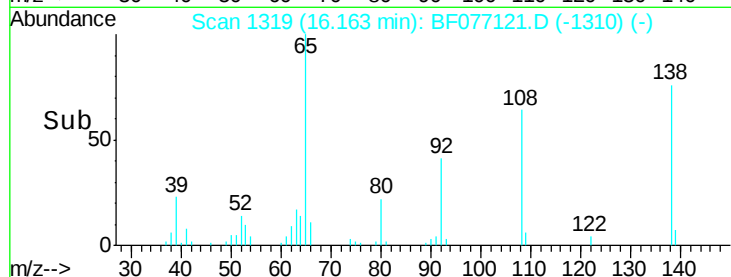
Instrument :
BNA_F
ClientSampleId :
SB-84(17-19)MSD



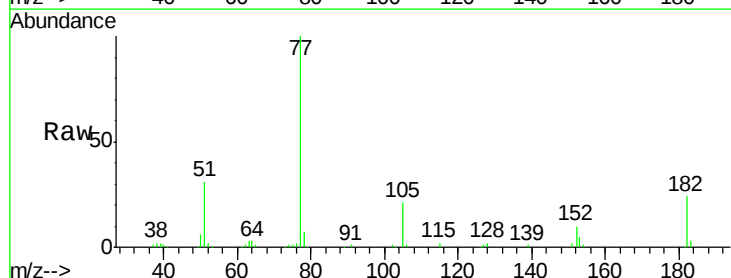
Tgt Ion: 138 Resp: 34763
Ion Ratio Lower Upper
138 100
92 54.6 26.7 66.7
108 85.0 64.5 104.5

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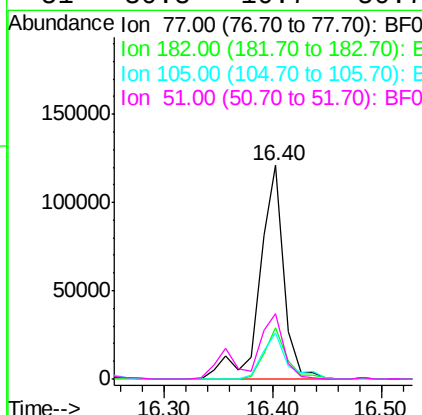
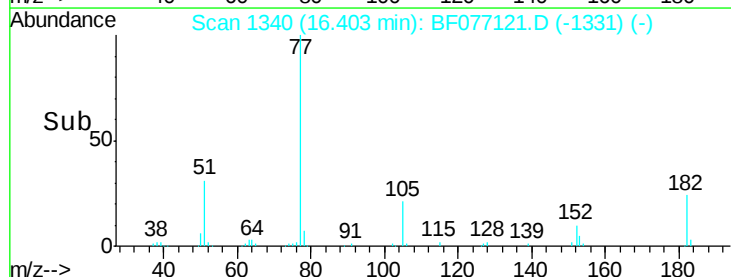
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#62
Azobenzene
Concen: 44.88 ng
RT: 16.40 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BF077121.D
Acq: 29 Jan 2015 5:34



Tgt Ion: 77 Resp: 187370
Ion Ratio Lower Upper
77 100
182 24.1 2.0 42.0
105 21.3 2.3 42.3
51 30.8 10.7 50.7





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.60 min Scan# 1445

Delta R.T. 0.00 min

Lab File: BF077121.D

Acq: 29 Jan 2015 5:34

Instrument :

BNA_F

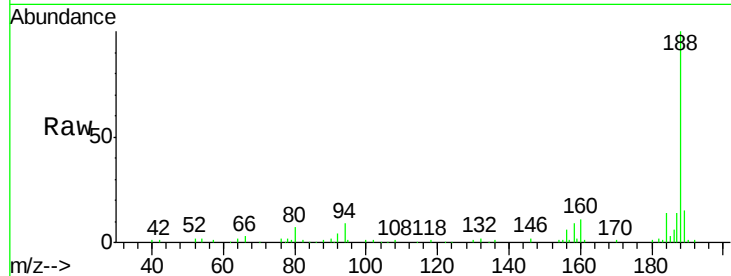
ClientSampleId :

SB-84(17-19)MSD

Tgt Ion:	188	Resp:	102401
Ion Ratio	Lower	Upper	
188	100		
94	9.7	6.0	9.0#
80	7.4	6.9	10.3

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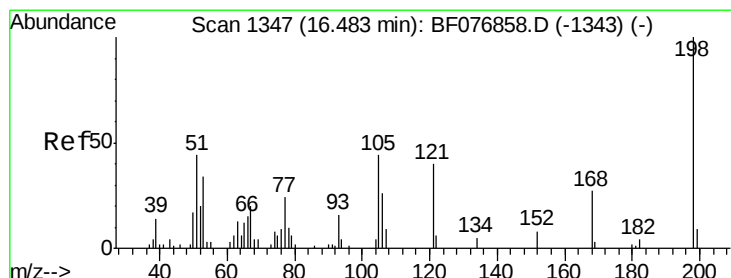
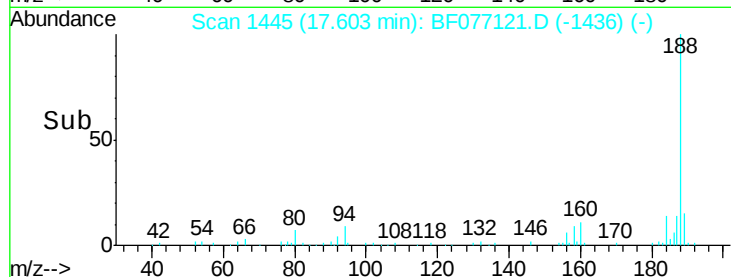
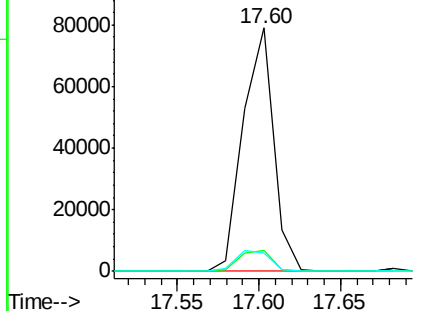
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 28.49 ng

RT: 16.24 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BF077121.D

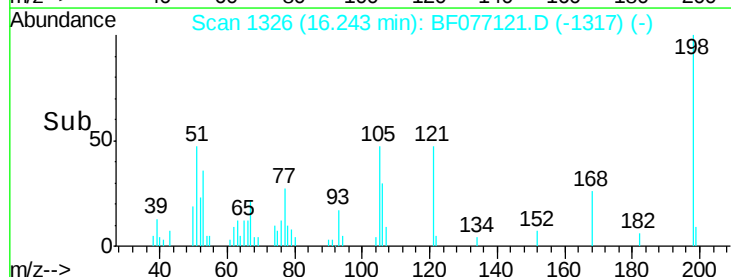
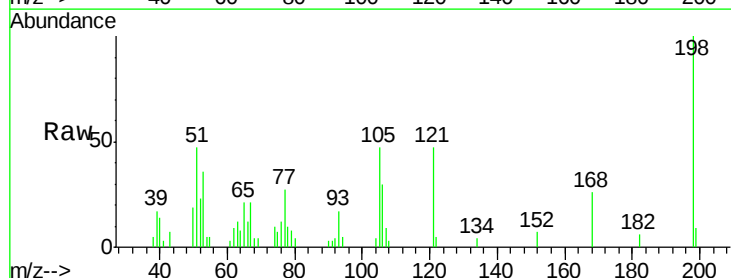
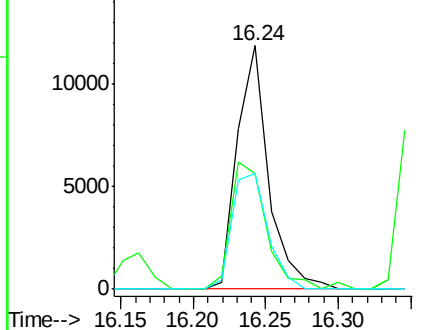
Acq: 29 Jan 2015 5:34

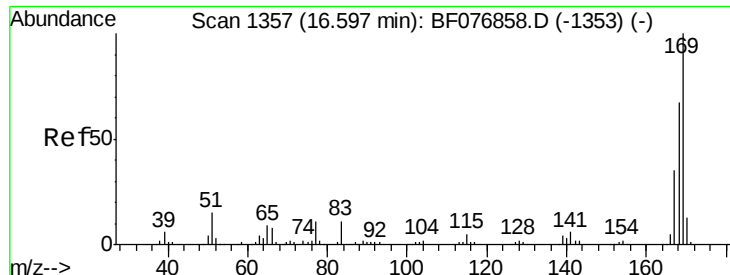
Tgt Ion:	198	Resp:	17797
Ion Ratio	Lower	Upper	
198	100		
51	47.4	24.2	64.2
105	47.5	24.0	64.0

Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





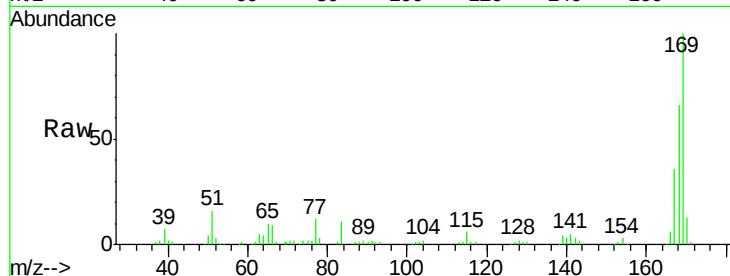
#65
 n-Nitrosodiphenylamine
 Concen: 39.16 ng
 RT: 16.36 min Scan# 1336
 Delta R.T. 0.00 min
 Lab File: BF077121.D
 Acq: 29 Jan 2015 5:34

Instrument :
 BNA_F
 ClientSampleId :
 SB-84(17-19)MSD

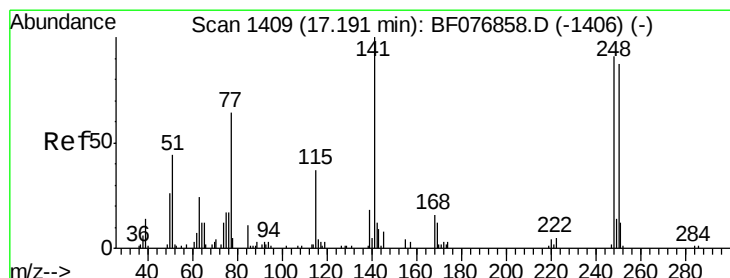
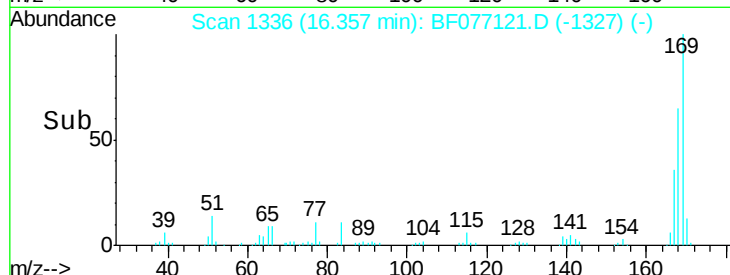
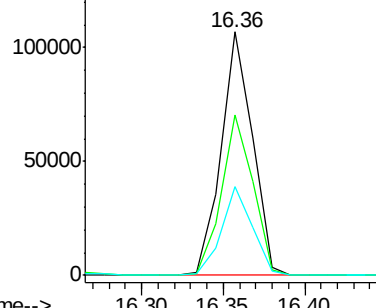
Tgt Ion	Ratio	Resp	Lower	Upper
169	100	142996		
168	66.0	53.8	80.6	
167	36.4	27.8	41.6	

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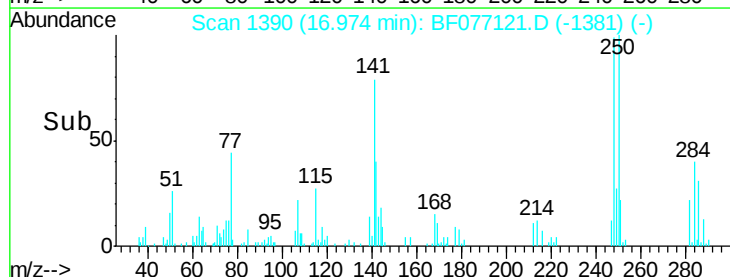
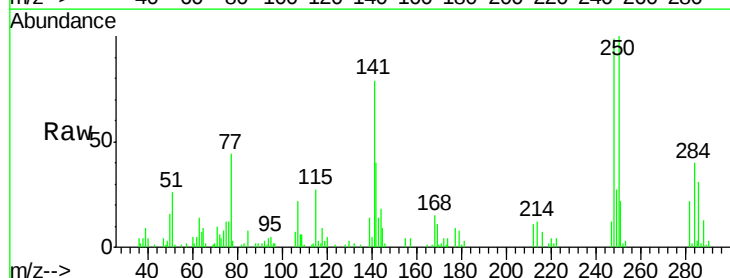
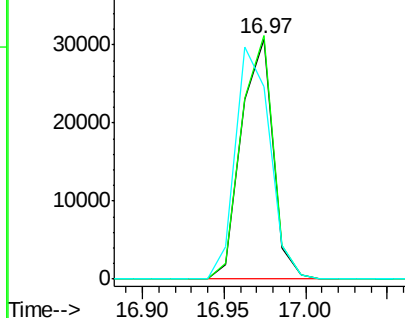
Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E



#66
 4-Bromophenyl-phenylether
 Concen: 39.77 ng
 RT: 16.97 min Scan# 1390
 Delta R.T. 0.00 min
 Lab File: BF077121.D
 Acq: 29 Jan 2015 5:34

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	41254		
250	101.3	77.1	115.7	
141	79.8	88.2	132.4#	

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





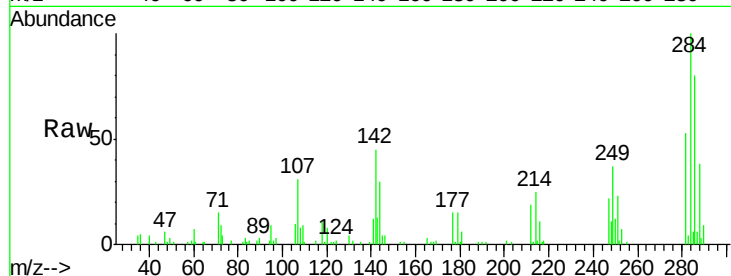
#67
Hexachlorobenzene
Concen: 39.76 ng
RT: 16.99 min Scan# 1391
Delta R.T. 0.00 min
Lab File: BF077121.D
Acq: 29 Jan 2015 5:34

Instrument :
BNA_F
ClientSampleId :
SB-84(17-19)MSD

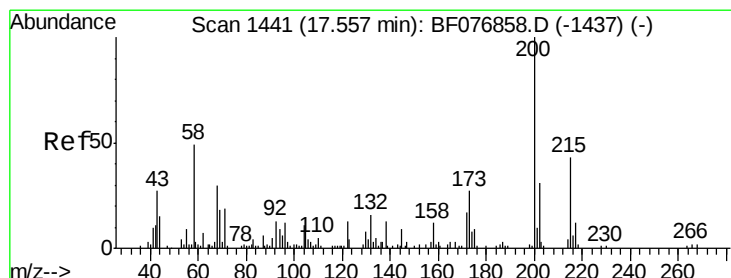
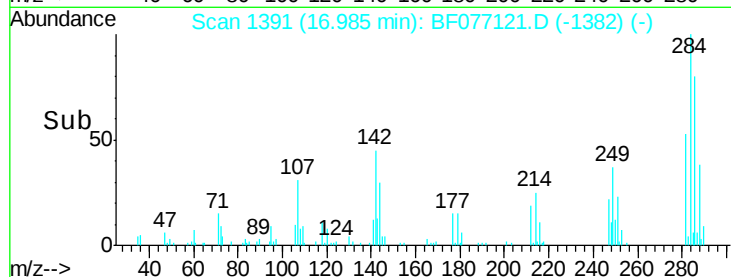
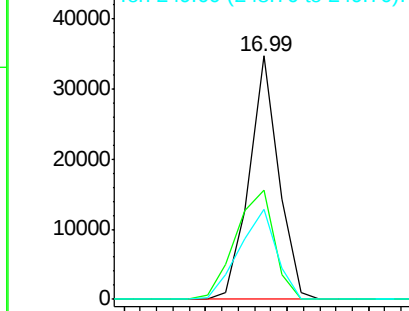
Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	45.0	38.2	57.4
249	36.7	28.2	42.2

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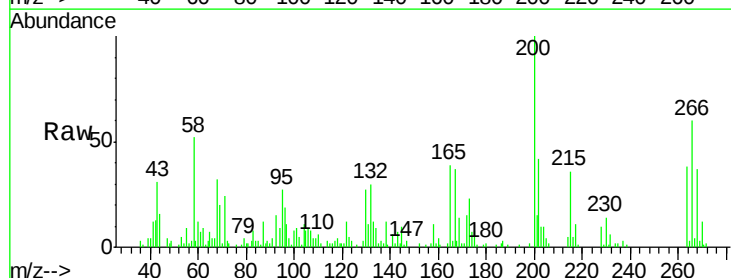


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

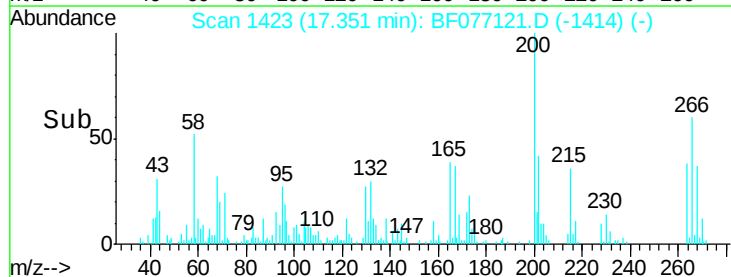
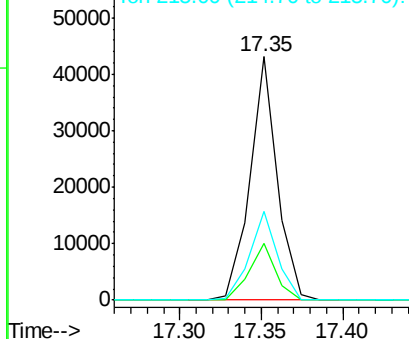


#68
Atrazine
Concen: 45.06 ng
RT: 17.35 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BF077121.D
Acq: 29 Jan 2015 5:34

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	23.2	6.6	46.6
215	36.4	22.9	62.9



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





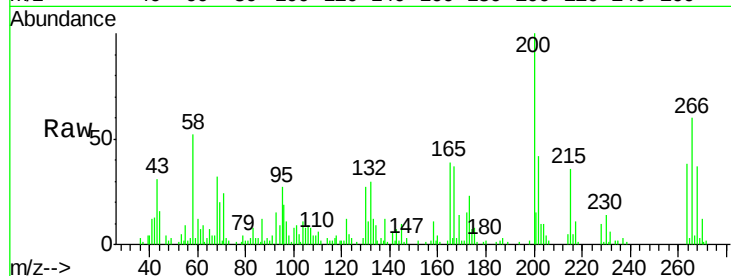
#69
 Pentachlorophenol
 Concen: 77.66 ng
 RT: 17.35 min Scan# 1423
 Delta R.T. 0.00 min
 Lab File: BF077121.D
 Acq: 29 Jan 2015 5:34

Instrument :
 BNA_F
 ClientSampleId :
 SB-84(17-19)MSD

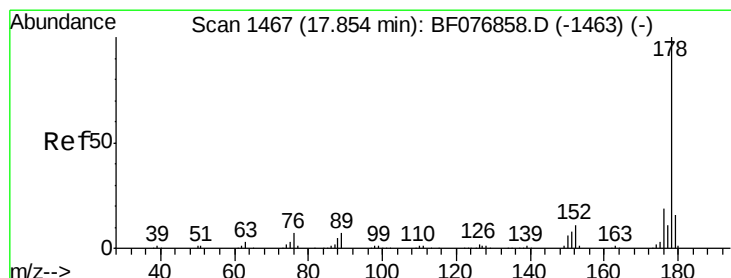
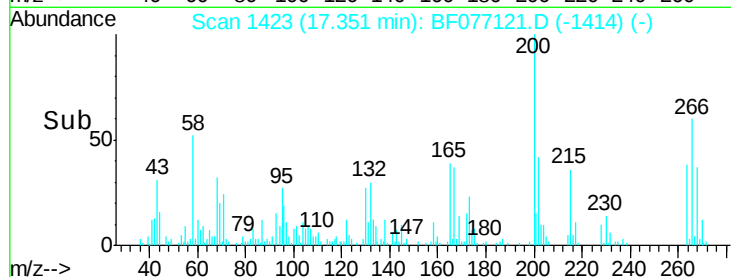
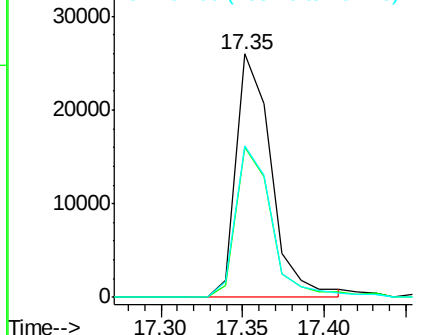
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	38833		
268	61.6	48.6	72.8	
264	62.2	49.5	74.3	

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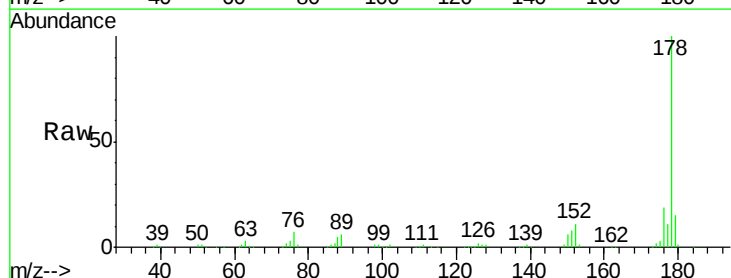


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

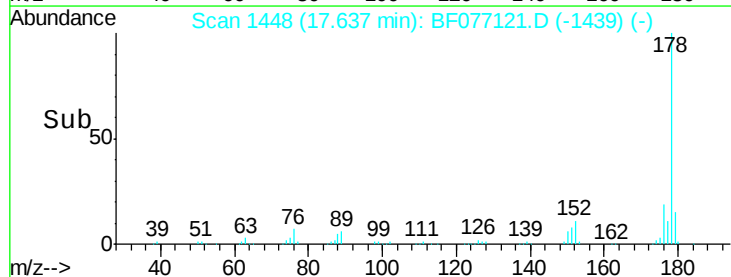
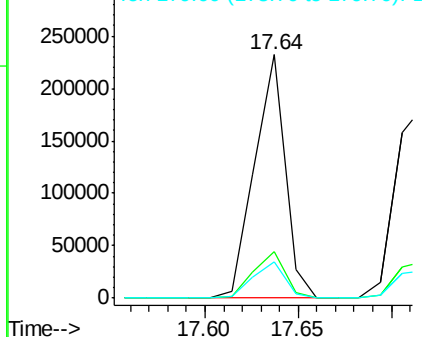


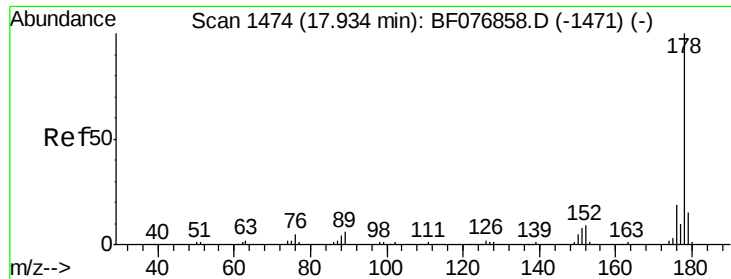
#70
 Phenanthrene
 Concen: 41.35 ng
 RT: 17.64 min Scan# 1448
 Delta R.T. 0.00 min
 Lab File: BF077121.D
 Acq: 29 Jan 2015 5:34

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	264056		
176	19.0	15.1	22.7	
179	15.0	12.7	19.1	



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





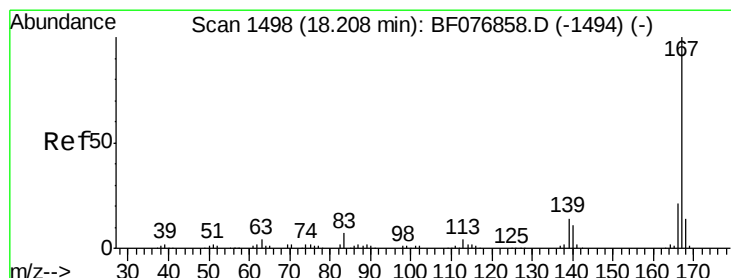
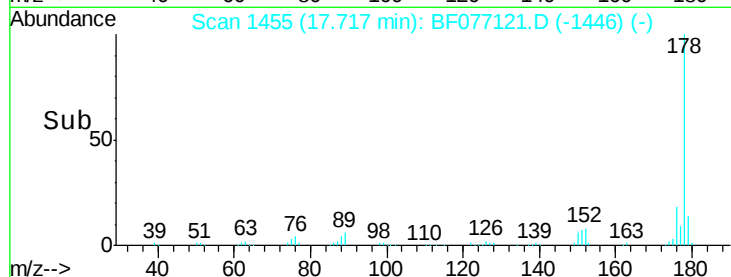
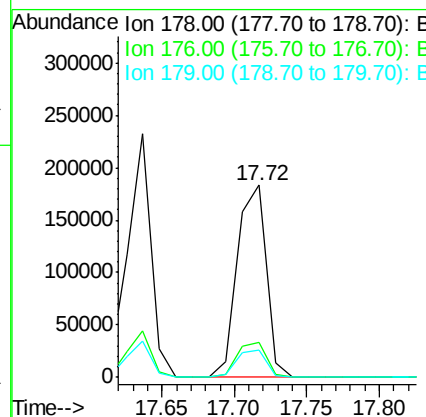
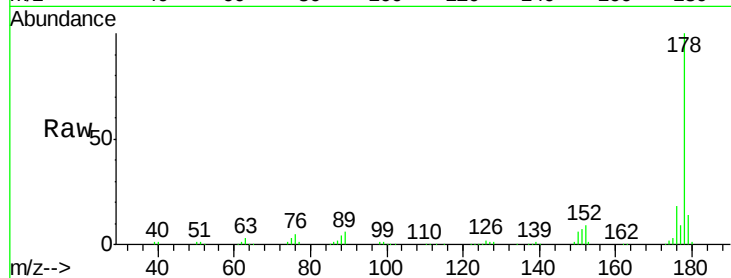
#71
 Anthracene
 Concen: 40.97 ng
 RT: 17.72 min Scan# 1455
 Delta R.T. 0.00 min
 Lab File: BF077121.D
 Acq: 29 Jan 2015 5:34

Instrument :
 BNA_F
 ClientSampleId :
 SB-84(17-19)MSD

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.4	23.0
179	14.5	11.9	17.9

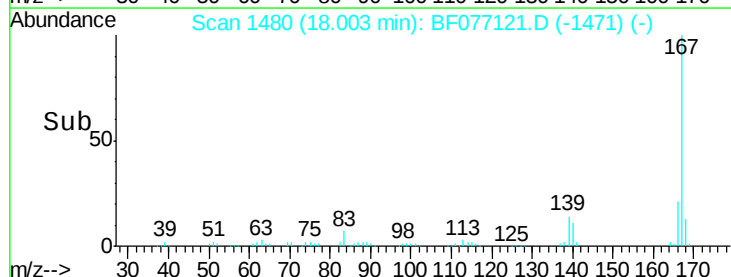
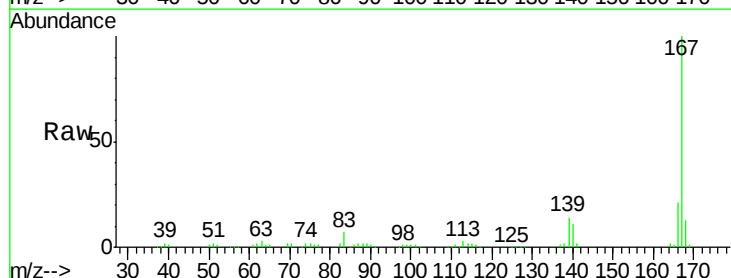
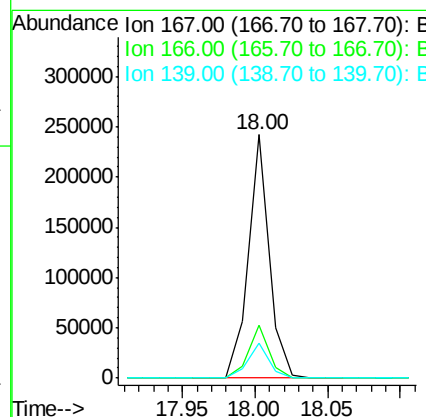
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#72
 Carbazole
 Concen: 40.28 ng
 RT: 18.00 min Scan# 1480
 Delta R.T. 0.00 min
 Lab File: BF077121.D
 Acq: 29 Jan 2015 5:34

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.0	25.6
139	14.2	11.3	16.9





#73

Di-n-butylphthalate

Concen: 42.67 ng

RT: 18.60 min Scan# 1532

Delta R.T. 0.00 min

Lab File: BF077121.D

Acq: 29 Jan 2015 5:34

Instrument :

BNA_F

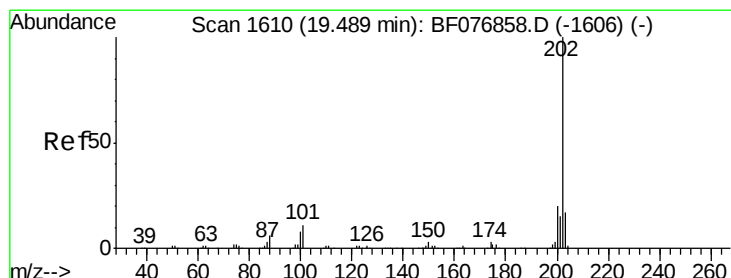
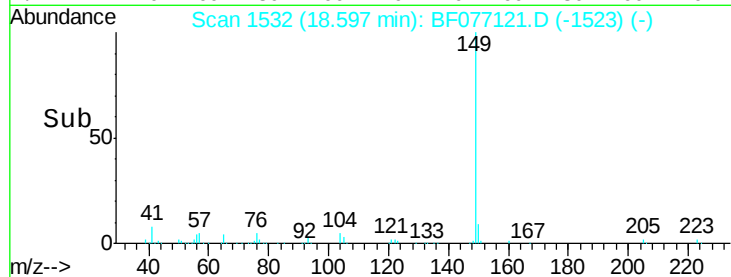
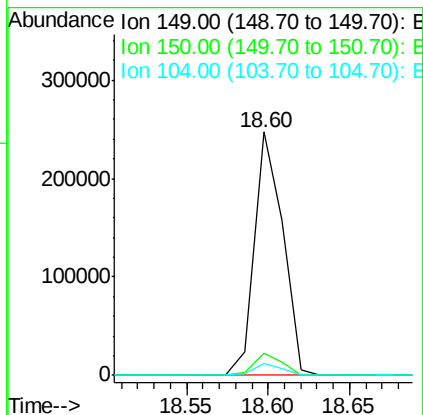
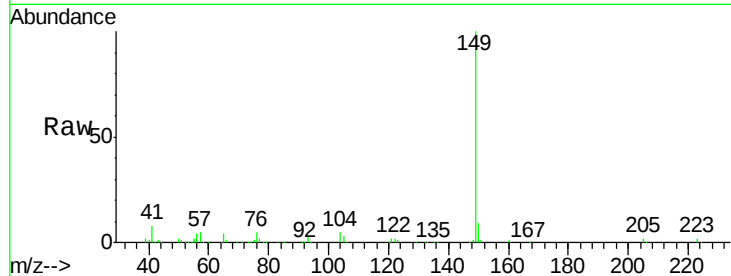
ClientSampleId :

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Tgt Ion:	149	Resp:	298301
Ion Ratio	Lower	Upper	
149	100		
150	9.2	6.9	10.3
104	5.1	3.7	5.5

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#74

Fluoranthene

Concen: 42.35 ng

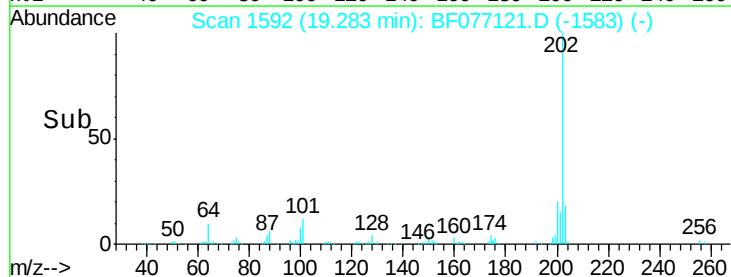
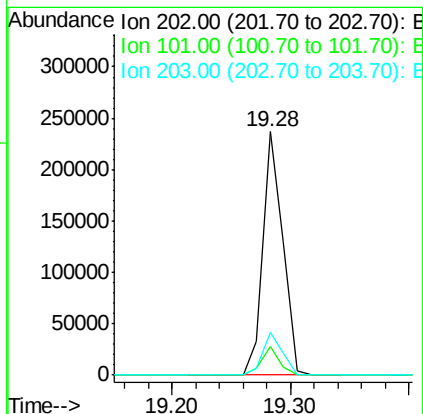
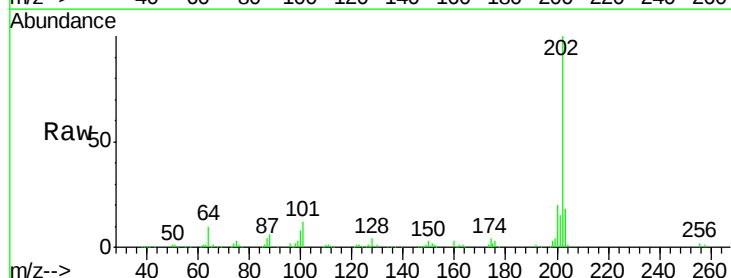
RT: 19.28 min Scan# 1592

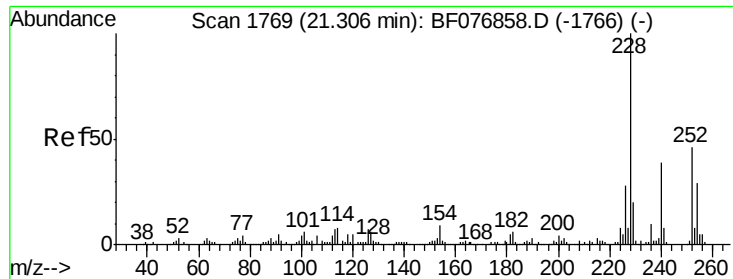
Delta R.T. 0.00 min

Lab File: BF077121.D

Acq: 29 Jan 2015 5:34

Tgt Ion:	202	Resp:	277126
Ion Ratio	Lower	Upper	
202	100		
101	11.9	0.0	30.7
203	17.5	0.0	36.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.11 min Scan# 1752

Delta R.T. 0.00 min

Lab File: BF077121.D

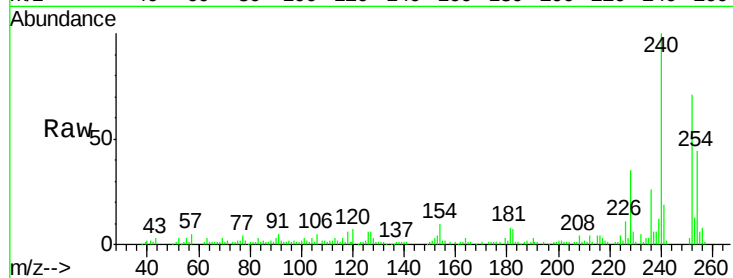
Acq: 29 Jan 2015 5:34

Instrument :

BNA_F

ClientSampleId :

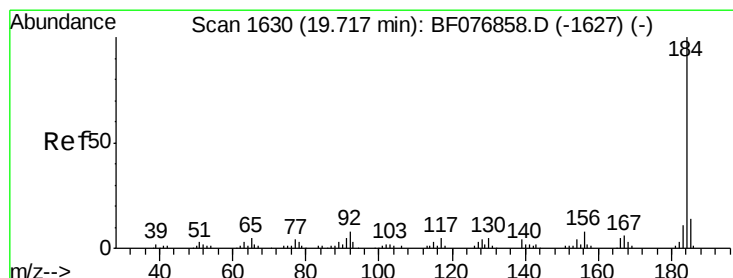
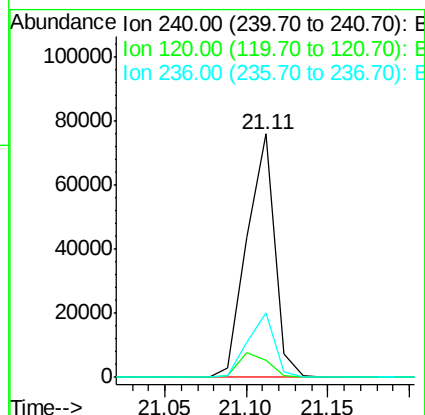
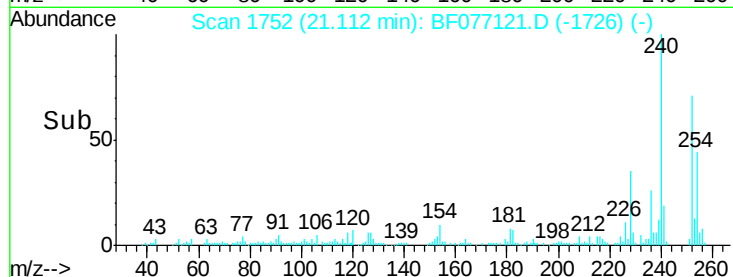
SB-84(17-19)MSD



Tgt Ion:	240	Resp:	89429
Ion Ratio	Lower	Upper	
240	100		
120	7.0	10.4	15.6#
236	26.3	20.2	30.2

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#76

Benzidine

Concen: 36.41 ng

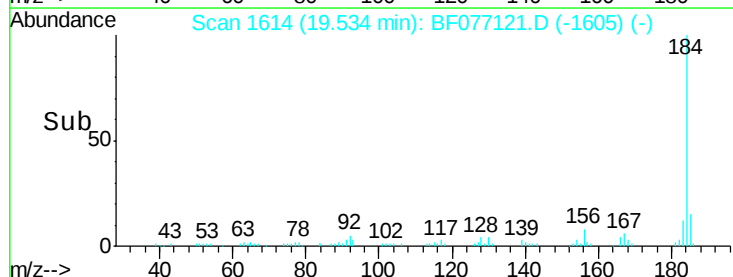
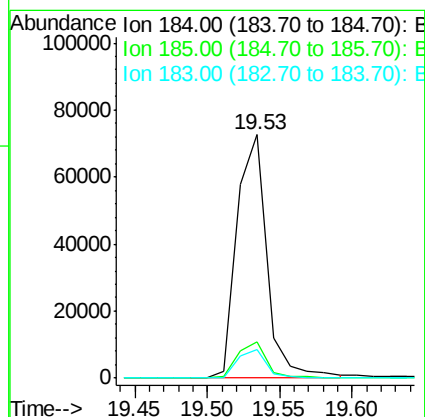
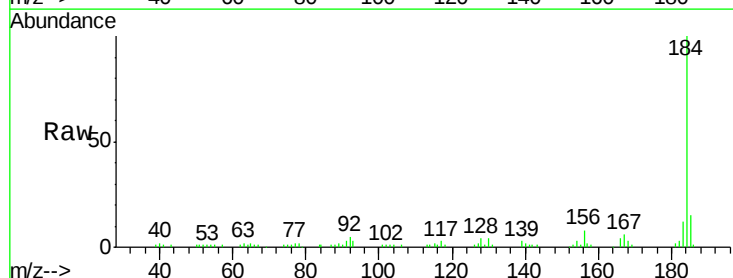
RT: 19.53 min Scan# 1614

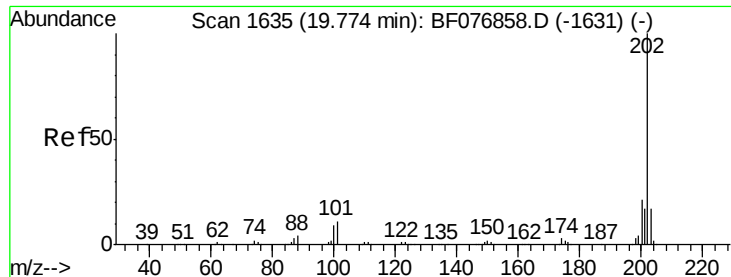
Delta R.T. 0.00 min

Lab File: BF077121.D

Acq: 29 Jan 2015 5:34

Tgt Ion:	184	Resp:	104188
Ion Ratio	Lower	Upper	
184	100		
185	15.1	11.4	17.2
183	11.6	9.0	13.6





#77

Pyrene

Concen: 46.99 ng

RT: 19.57 min Scan# 1617

Delta R.T. 0.00 min

Lab File: BF077121.D

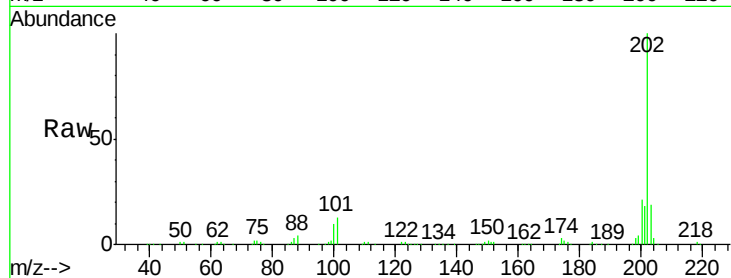
Acq: 29 Jan 2015 5:34

Instrument :

BNA_F

ClientSampleId :

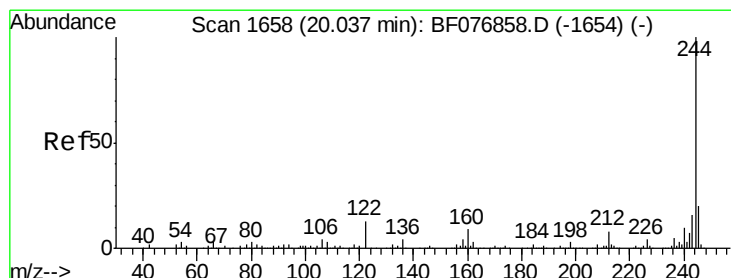
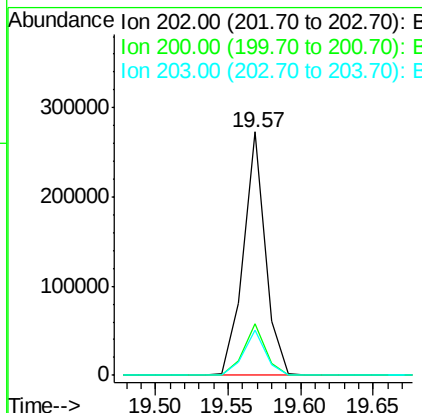
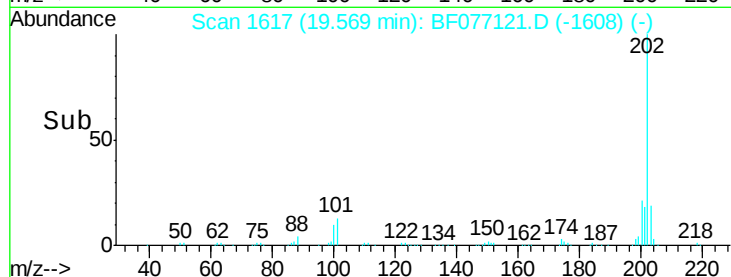
SB-84(17-19)MSD



Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	21.0	16.7	25.1	
203	18.7	14.0	21.0	

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#78

Terphenyl-d14

Concen: 70.51 ng

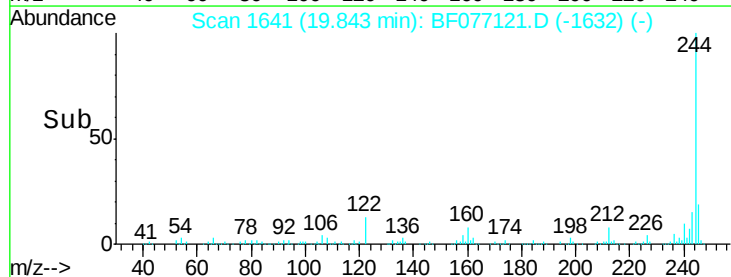
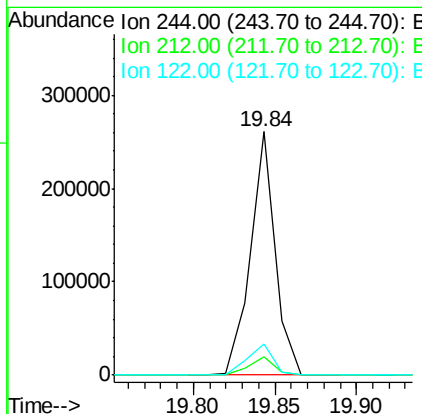
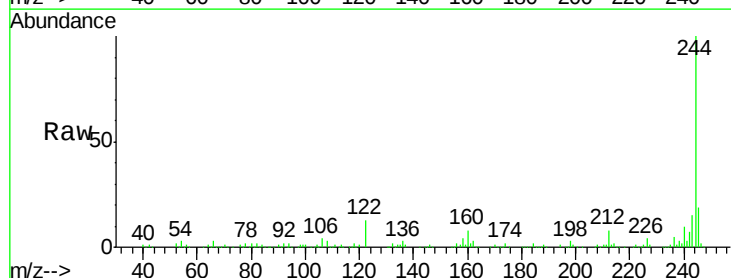
RT: 19.84 min Scan# 1641

Delta R.T. 0.00 min

Lab File: BF077121.D

Acq: 29 Jan 2015 5:34

Tgt Ion	Ratio	Resp	Lower	Upper
244	100			
212	7.6	6.3	9.5	
122	12.7	10.1	15.1	





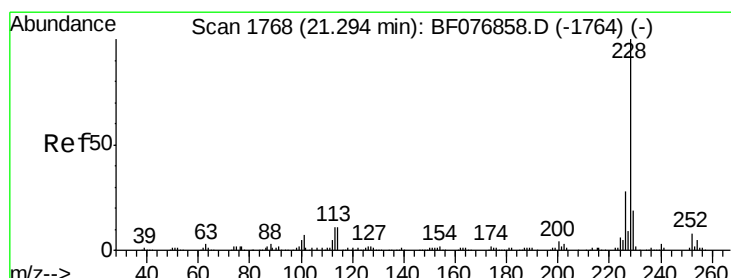
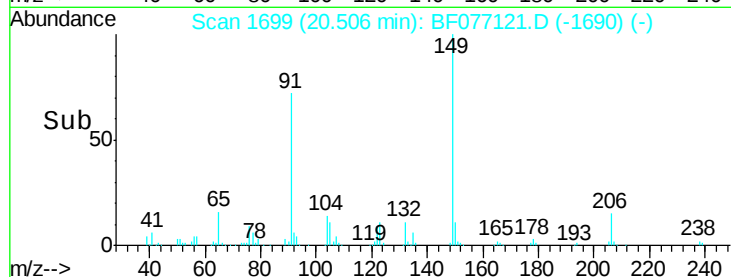
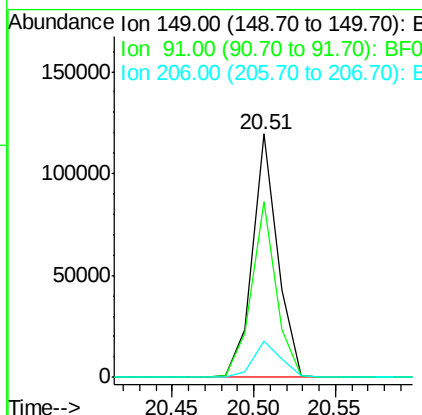
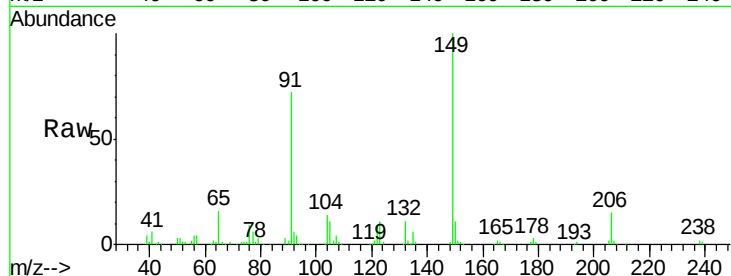
#79
Butylbenzylphthalate
Concen: 46.44 ng
RT: 20.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: BF077121.D
Acq: 29 Jan 2015 5:34

Instrument :
BNA_F
ClientSampleId :
SB-84(17-19)MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	72.4	50.6	76.0
206	14.7	12.8	19.2

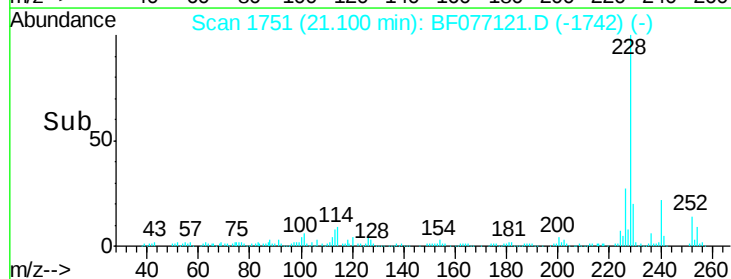
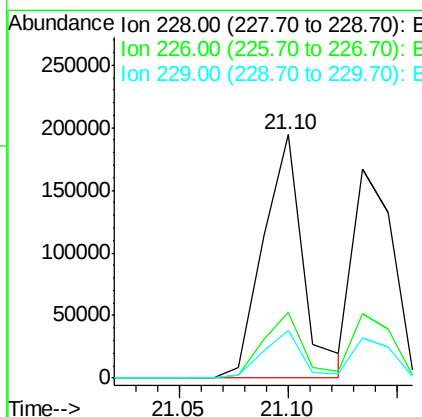
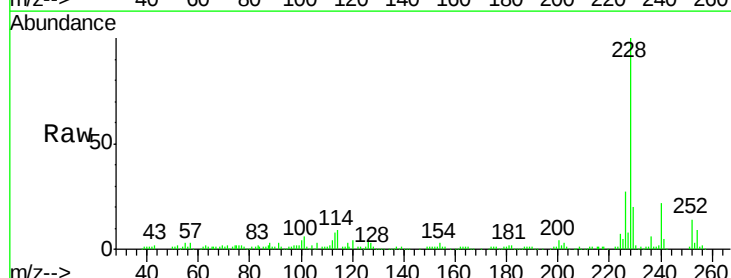
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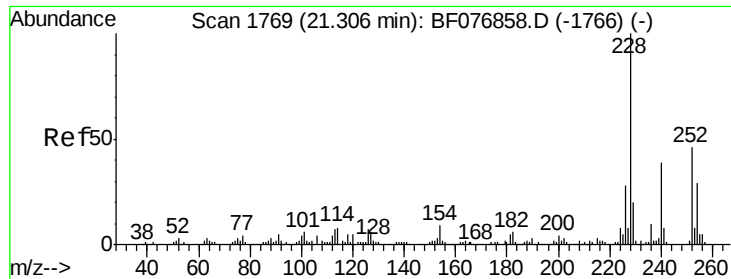
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#80
Benzo(a)anthracene
Concen: 44.49 ng
RT: 21.10 min Scan# 1751
Delta R.T. 0.00 min
Lab File: BF077121.D
Acq: 29 Jan 2015 5:34

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	27.1	22.1	33.1
229	19.9	15.5	23.3





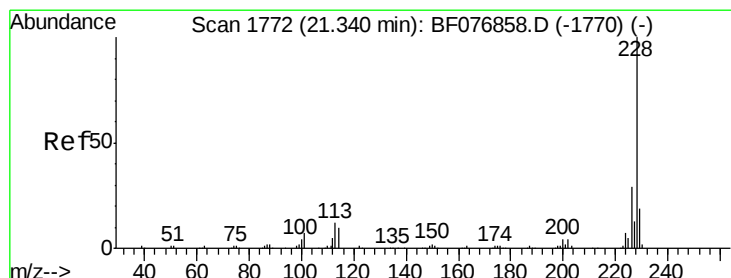
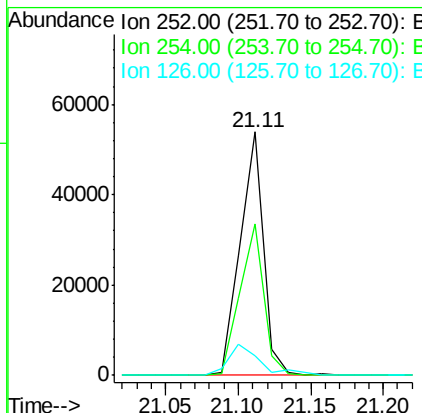
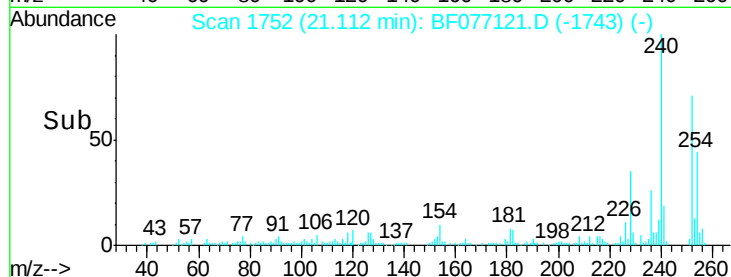
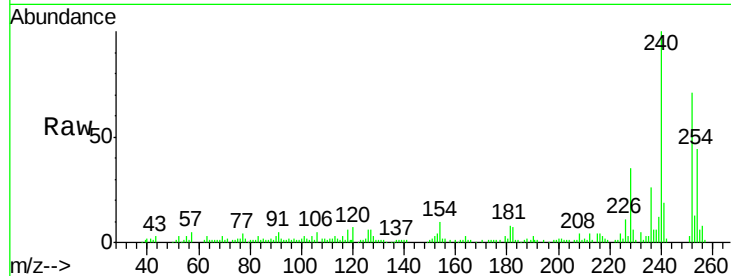
#81
 3,3'-Dichlorobenzidine
 Concen: 33.87 ng
 RT: 21.11 min Scan# 1752
 Delta R.T. 0.00 min
 Lab File: BF077121.D
 Acq: 29 Jan 2015 5:34

Instrument :
 BNA_F
 ClientSampleId :
 SB-84(17-19)MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	62.0	50.2	75.4
126	8.3	11.5	17.3

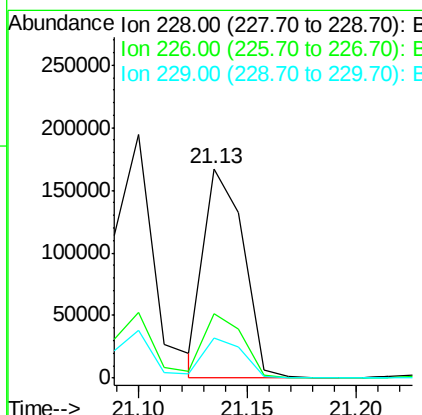
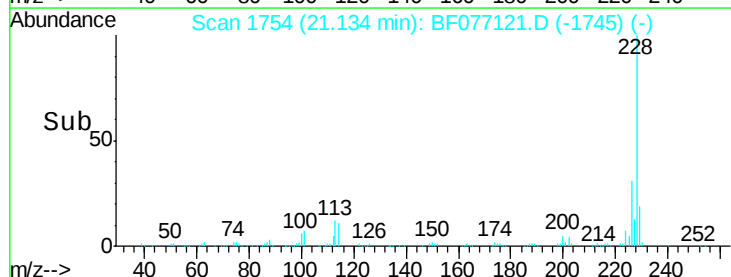
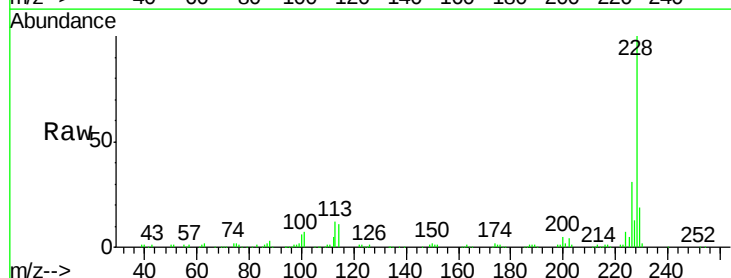
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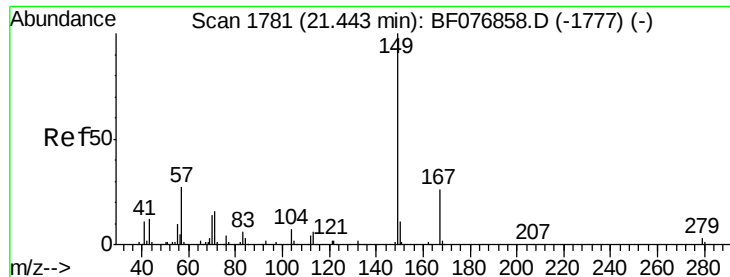
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#82
 Chrysene
 Concen: 40.86 ng
 RT: 21.13 min Scan# 1754
 Delta R.T. 0.00 min
 Lab File: BF077121.D
 Acq: 29 Jan 2015 5:34

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.8	23.4	35.0
229	19.2	15.4	23.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 47.27 ng

RT: 21.25 min Scan# 1764

Delta R.T. 0.00 min

Lab File: BF077121.D

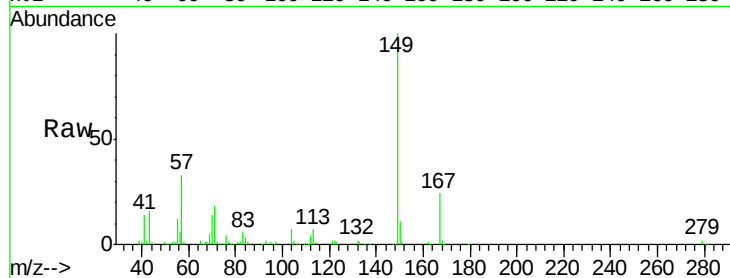
Acq: 29 Jan 2015 5:34

Instrument :

BNA_F

ClientSampleId :

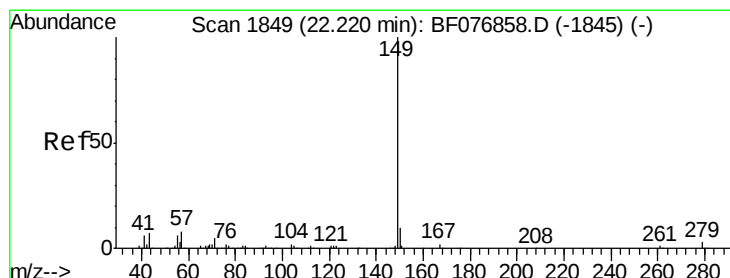
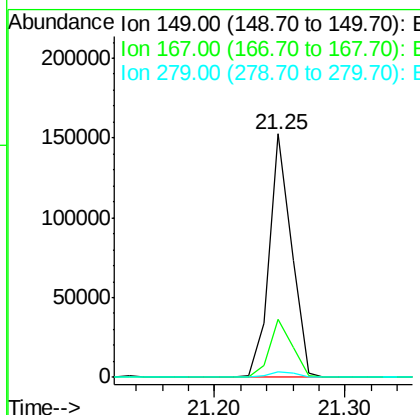
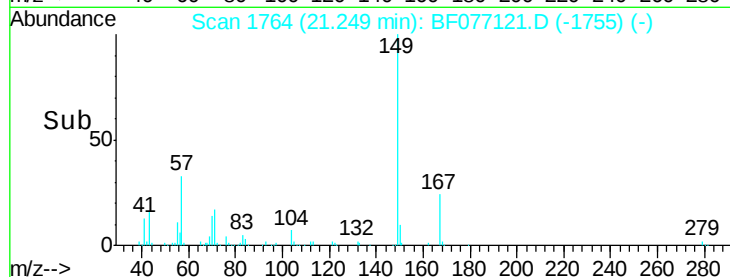
SB-84(17-19)MSD



Tgt	Ion:149	Resp:	181541
Ion	Ratio	Lower	Upper
149	100		
167	23.8	20.6	30.8
279	2.3	2.2	3.2

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#84

Di-n-octyl phthalate

Concen: 45.63 ng

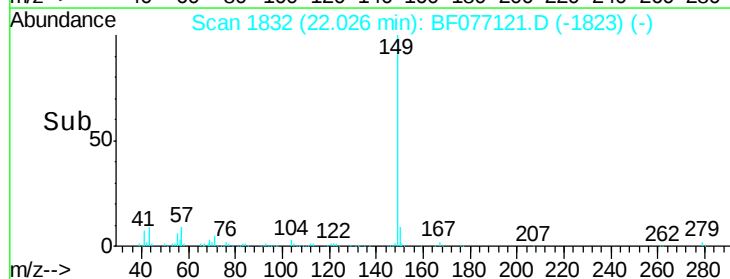
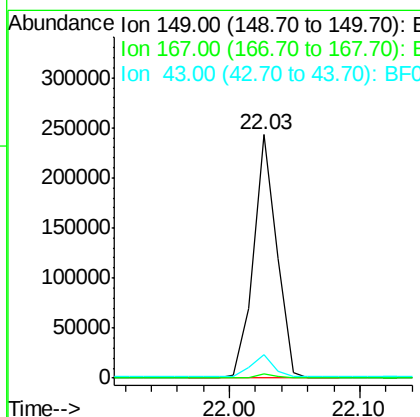
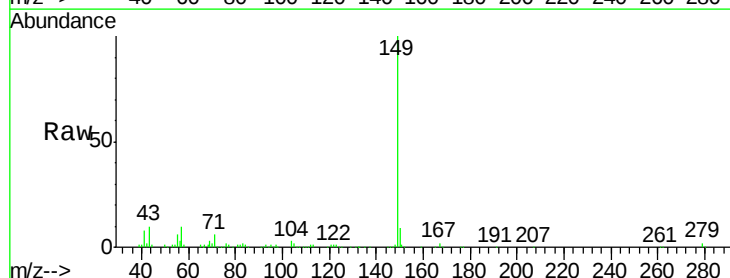
RT: 22.03 min Scan# 1832

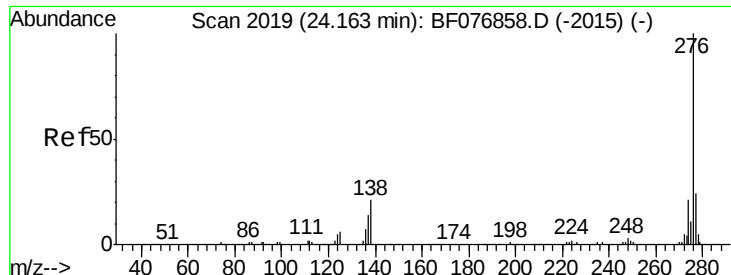
Delta R.T. 0.00 min

Lab File: BF077121.D

Acq: 29 Jan 2015 5:34

Tgt	Ion:149	Resp:	304164
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	8.6	6.6	10.0





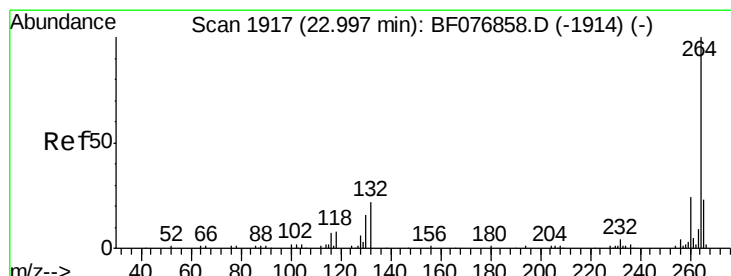
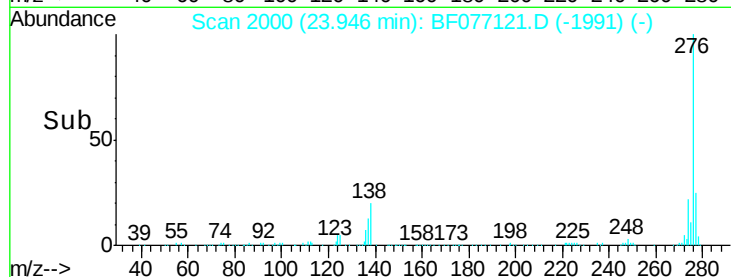
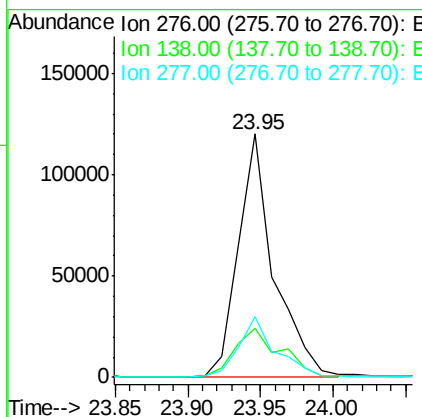
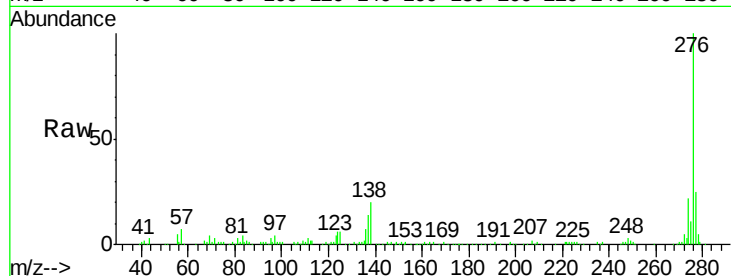
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.96 ng
 RT: 23.95 min Scan# 2000
 Delta R.T. 0.00 min
 Lab File: BF077121.D
 Acq: 29 Jan 2015 5:34

Instrument :
 BNA_F
 ClientSampleId :
 SB-84(17-19)MSD

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	26.1	14.6	22.0#
277	25.7	14.8	22.2#

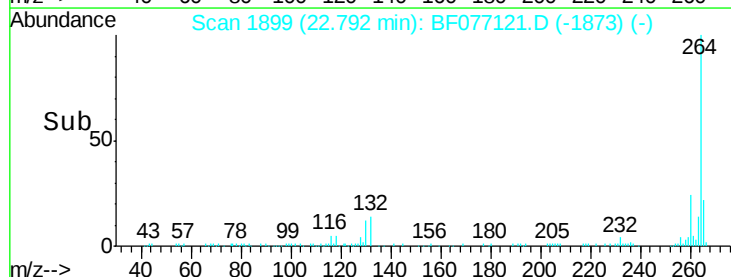
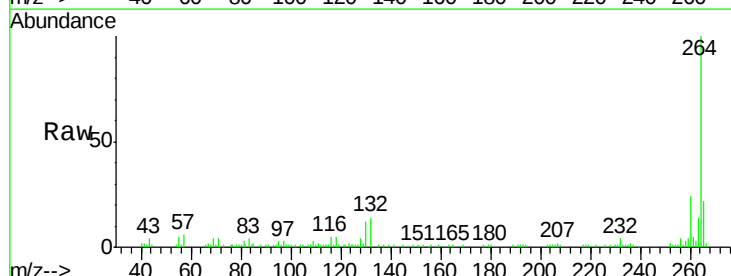
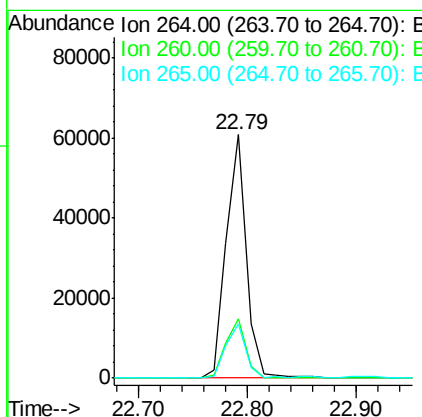
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 22.79 min Scan# 1899
 Delta R.T. 0.00 min
 Lab File: BF077121.D
 Acq: 29 Jan 2015 5:34

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	24.4	19.0	28.4
265	22.1	18.1	27.1





#87

Benzo(b)fluoranthene

Concen: 41.46 ng

RT: 22.37 min Scan# 1862

Delta R.T. 0.00 min

Lab File: BF077121.D

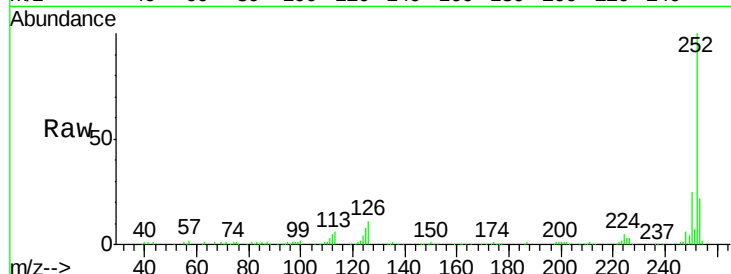
Acq: 29 Jan 2015 5:34

Instrument :

BNA_F

ClientSampleId :

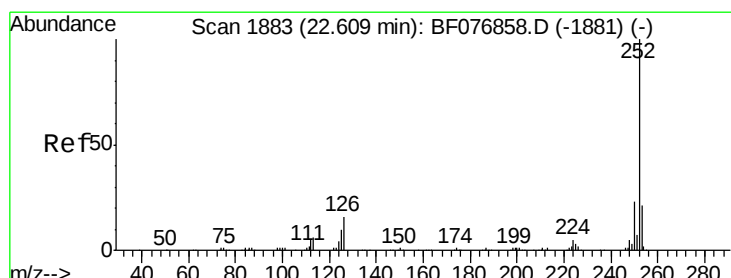
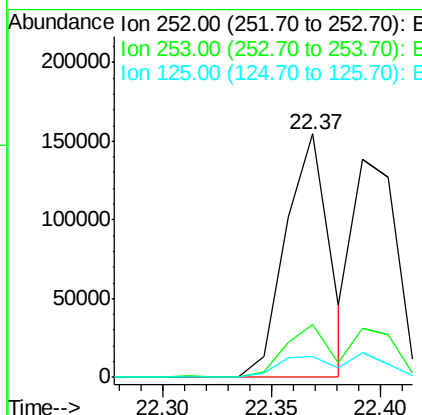
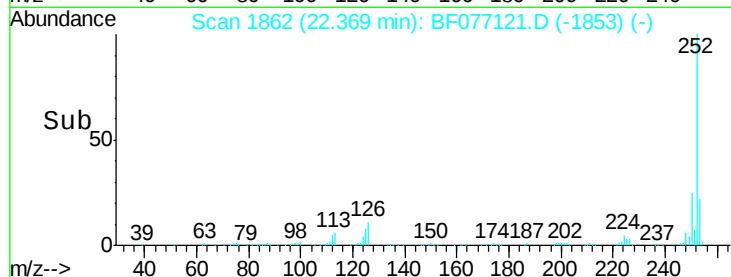
SB-84(17-19)MSD



Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.5	26.3
125	8.5	9.4	14.0#

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#88

Benzo(k)fluoranthene

Concen: 41.93 ng m

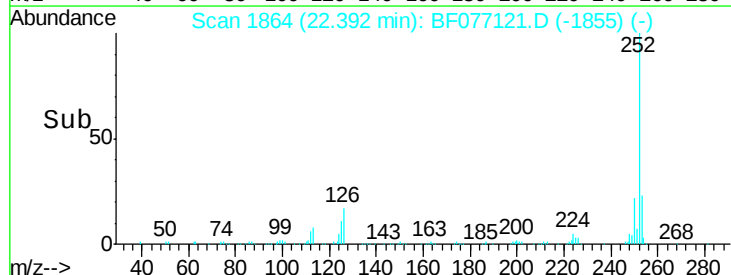
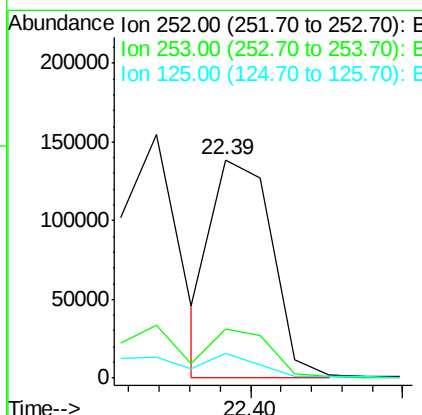
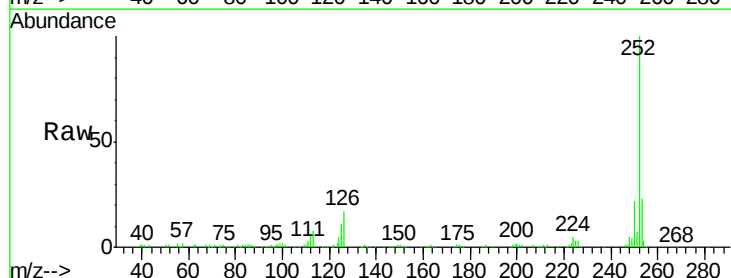
RT: 22.39 min Scan# 1864

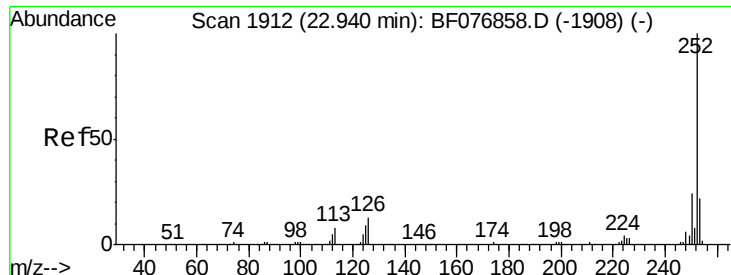
Delta R.T. 0.00 min

Lab File: BF077121.D

Acq: 29 Jan 2015 5:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.2	25.8
125	11.1	7.1	10.7#





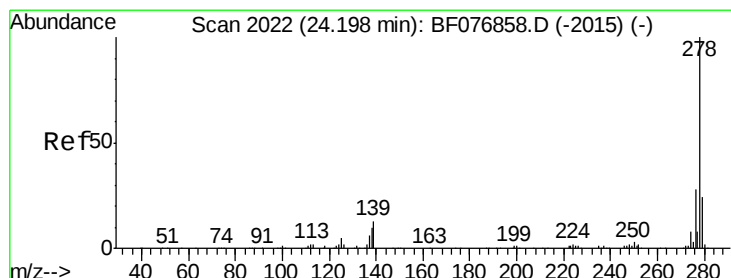
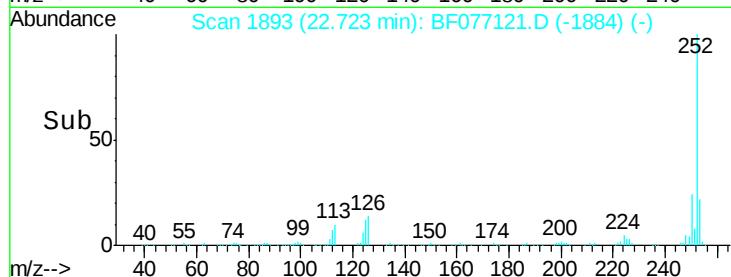
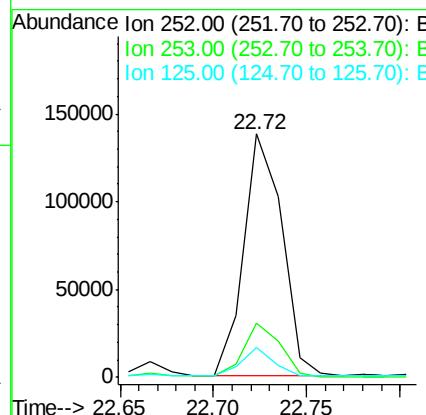
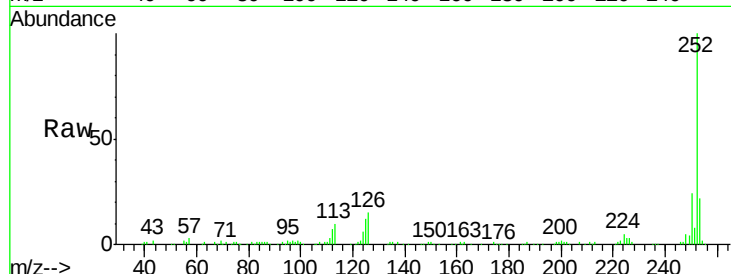
#89
Benzo(a)pyrene
Concen: 42.84 ng
RT: 22.72 min Scan# 1893
Delta R.T. 0.00 min
Lab File: BF077121.D
Acq: 29 Jan 2015 5:34

Instrument :
BNA_F
ClientSampleId :
SB-84(17-19)MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	22.2	17.9	26.9
125	12.4	7.2	10.8

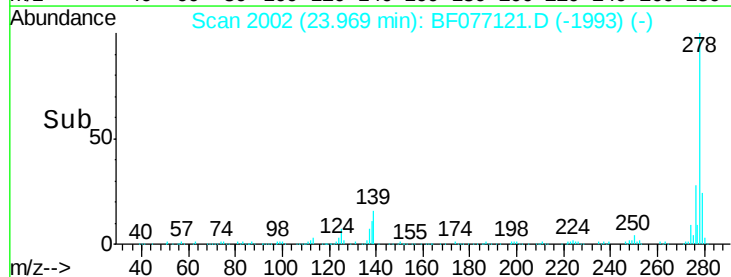
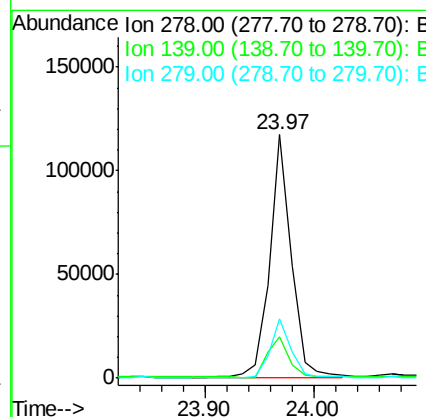
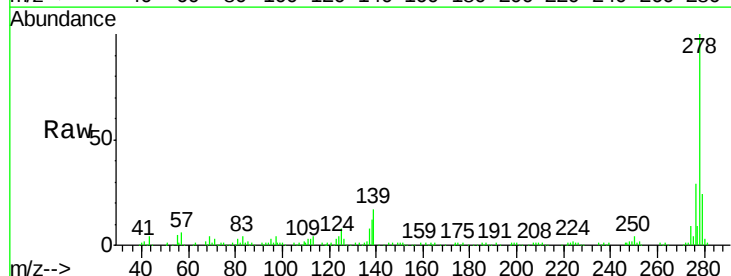
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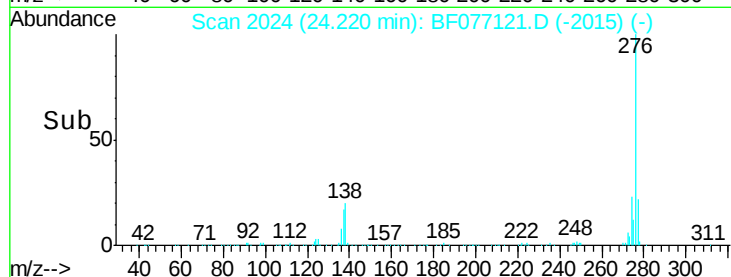
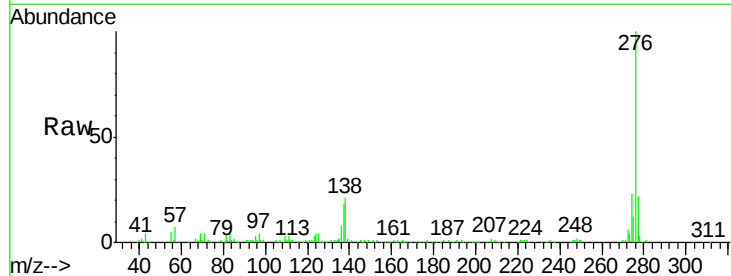
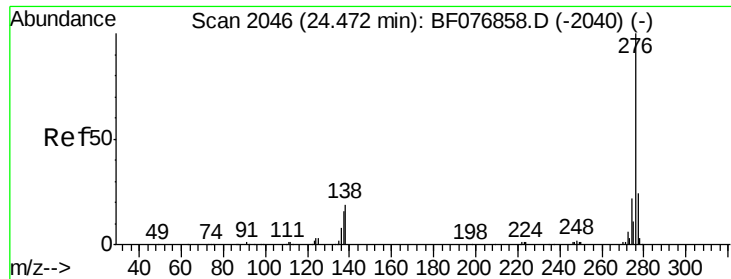
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#90
Dibenzo(a,h)anthracene
Concen: 38.42 ng
RT: 23.97 min Scan# 2002
Delta R.T. 0.00 min
Lab File: BF077121.D
Acq: 29 Jan 2015 5:34

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	16.7	10.5	15.7
279	24.5	19.3	28.9





#91

Benzo(g,h,i)perylene

Concen: 41.42 ng

RT: 24.22 min Scan# 2024

Delta R.T. 0.00 min

Lab File: BF077121.D

Acq: 29 Jan 2015 5:34

Tgt Ion:	276	Resp:	174265
Ion Ratio		Lower	Upper
276	100		
277	22.3	19.5	29.3
138	20.8	15.0	22.6

Instrument :

BNA_F

ClientSampleId :

SB-84(17-19)MSD

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