

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
 Data File : BF077074.D
 Acq On : 27 Jan 2015 5:23
 Operator : TP/IZ
 Sample : G1159-06MSD
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

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

Manual Integrations
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Quant Time: Jan 27 06:23:07 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 27 06:14:10 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	23556	20.00	ng	0.00
21) Naphthalene-d8	10.68	136	102596	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	49492	20.00	ng	0.00
63) Phenanthrene-d10	17.64	188	91656	20.00	ng	0.00
75) Chrysene-d12	21.15	240	85741	20.00	ng	0.00
86) Perylene-d12	22.79	264	79323	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	4.80	112	122609	85.58	ng	0.00
7) Phenol-d6	7.18	99	159863	88.45	ng	0.00
23) Nitrobenzene-d5	9.06	82	97352	52.57	ng	0.00
41) 2,4,6-Tribromophenol	16.53	330	36624	91.16	ng	0.00
44) 2-Fluorobiphenyl	13.34	172	167041	51.36	ng	0.00
78) Terphenyl-d14	19.88	244	150413	40.39	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	1.17	88	12768	20.81	ng	# 86
3) Pyridine	1.62	79	32346	20.38	ng	98
4) n-Nitrosodimethylamine	1.58	42	22409	28.50	ng	# 94
6) Aniline	7.05	93	33461	13.38	ng	96
8) 2-Chlorophenol	7.29	128	45651	27.64	ng	90
9) Benzaldehyde	6.78	77	7758	6.07	ng	93
10) Phenol	7.20	94	60492	31.52	ng	91
11) bis(2-Chloroethyl)ether	7.30	93	44458	29.61	ng	90
12) 1,3-Dichlorobenzene	7.61	146	51421	27.36	ng	96
13) 1,4-Dichlorobenzene	7.81	146	51465	25.83	ng	98
14) 1,2-Dichlorobenzene	8.12	146	50441	27.47	ng	95
15) Benzyl Alcohol	8.21	79	40867	27.94	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.56	45	58116	28.79	ng	98
17) 2-Methylphenol	8.56	107	36357	26.94	ng	93
18) Hexachloroethane	8.87	117	18488	26.67	ng	96
19) n-Nitroso-di-n-propylamine	8.84	70	33048	26.12	ng	93
20) 3+4-Methylphenols	8.95	107	46183	25.84	ng	98
22) Acetophenone	8.76	105	70059	27.88	ng	96
24) Nitrobenzene	9.11	77	51560	27.33	ng	98
25) Isophorone	9.72	82	92755	27.50	ng	96
26) 2-Nitrophenol	9.85	139	24184	25.88	ng	# 87
27) 2,4-Dimethylphenol	10.14	122	41216	28.25	ng	95
28) bis(2-Chloroethoxy)methane	10.34	93	53260	27.78	ng	98
29) 2,4-Dichlorophenol	10.47	162	38436	28.27	ng	94
30) 1,2,4-Trichlorobenzene	10.60	180	41095	27.21	ng	94
31) Naphthalene	10.72	128	148037	28.03	ng	97
33) 4-Chloroaniline	10.97	127	31584	14.80	ng	96
34) Hexachlorobutadiene	11.09	225	24428	27.26	ng	97
35) Caprolactam	11.78	113	9907	24.75	ng	94
36) 4-Chloro-3-methylphenol	12.29	107	42573	27.35	ng	95
37) 2-Methylnaphthalene	12.38	142	98445	27.29	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.78	216	38261	31.27	ng	98
40) Hexachlorocyclopentadiene	12.77	237	17036	28.96	ng	89
42) 2,4,6-Trichlorophenol	13.13	196	26916	30.19	ng	99

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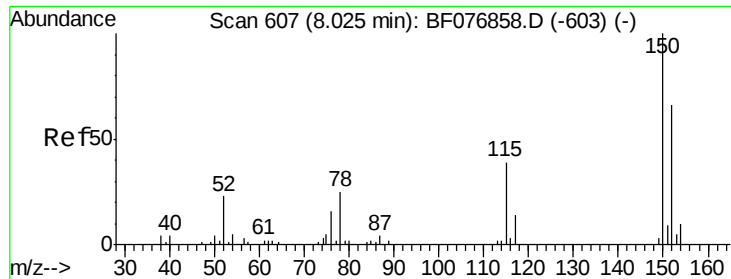
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Quant Time: Jan 27 06:23:07 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	13.23	196	27456	30.19	ng	# 95
45) 1,1'-Biphenyl	13.53	154	116255	31.69	ng	98
46) 2-Chloronaphthalene	13.51	162	90613	30.01	ng	96
47) 2-Nitroaniline	13.85	65	27407	29.92	ng	93
48) Acenaphthylene	14.46	152	147341	28.93	ng	99
49) Dimethylphthalate	14.41	163	114417	32.60	ng	99
50) 2,6-Dinitrotoluene	14.51	165	21447	30.58	ng	90
51) Acenaphthene	14.88	154	85094	29.45	ng	96
52) 3-Nitroaniline	14.85	138	21383	24.28	ng	84
53) 2,4-Dinitrophenol	15.15	184	2728	18.83	ng	98
54) Dibenzofuran	15.31	168	128225	30.46	ng	98
55) 4-Nitrophenol	15.47	139	29175	53.03	ng	97
56) 2,4-Dinitrotoluene	15.44	165	29044	28.52	ng	91
57) Fluorene	16.06	166	107865	30.25	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.66	232	22591	34.12	ng	# 97
59) Diethylphthalate	16.06	149	113000	31.86	ng	99
60) 4-Chlorophenyl-phenylether	16.15	204	45233	31.00	ng	90
61) 4-Nitroaniline	16.20	138	21588	25.12	ng	97
62) Azobenzene	16.44	77	111657	30.21	ng	99
64) 4,6-Dinitro-2-methylphenol	16.28	198	6637	13.80	ng	# 65
65) n-Nitrosodiphenylamine	16.39	169	86135	26.36	ng	97
66) 4-Bromophenyl-phenylether	17.01	248	26456	28.49	ng	91
67) Hexachlorobenzene	17.02	284	26323	26.90	ng	96
68) Atrazine	17.39	200	30752	31.01	ng	97
69) Pentachlorophenol	17.40	266	23149	54.03	ng	96
70) Phenanthrene	17.67	178	178236	31.18	ng	98
71) Anthracene	17.75	178	157275	28.22	ng	100
72) Carbazole	18.04	167	148394	27.45	ng	99
73) Di-n-butylphthalate	18.63	149	179916	28.75	ng	# 98
74) Fluoranthene	19.32	202	203789	34.79	ng	98
76) Benzidine	19.57	184	89961	32.79	ng	99
77) Pyrene	19.60	202	194073	33.03	ng	97
79) Butylbenzylphthalate	20.54	149	78681	29.57	ng	# 84
80) Benzo(a)anthracene	21.13	228	165520	30.77	ng	99
81) 3,3'-Dichlorobenzidine	21.15	252	41279	24.15	ng	93
82) Chrysene	21.18	228	153075	31.20	ng	98
83) Bis(2-ethylhexyl)phthalate	21.28	149	120198	32.64	ng	# 98
84) Di-n-octyl phthalate	22.05	149	206768	32.36	ng	# 95
85) Indeno(1,2,3-cd)pyrene	23.88	276	147743	28.42	ng	# 81
87) Benzo(b)fluoranthene	22.38	252	155120m	29.03	ng	
88) Benzo(k)fluoranthene	22.41	252	141378m	30.29	ng	
89) Benzo(a)pyrene	22.72	252	143799	30.51	ng	# 96
90) Dibenzo(a,h)anthracene	23.90	278	116483	26.94	ng	97
91) Benzo(g,h,i)perylene	24.15	276	125009	29.08	ng	# 92

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.77 min Scan# 585

Delta R.T. 0.00 min

Lab File: BF077074.D

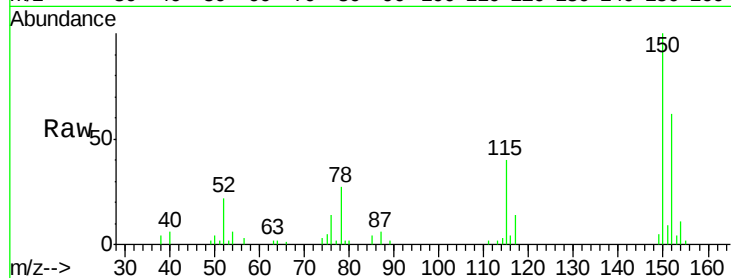
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Tgt Ion: 152 Resp: 23556

Ion Ratio Lower Upper

152 100

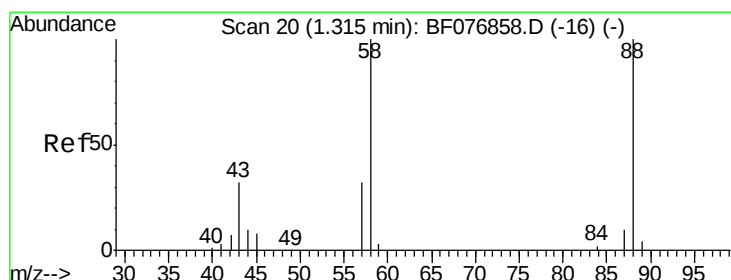
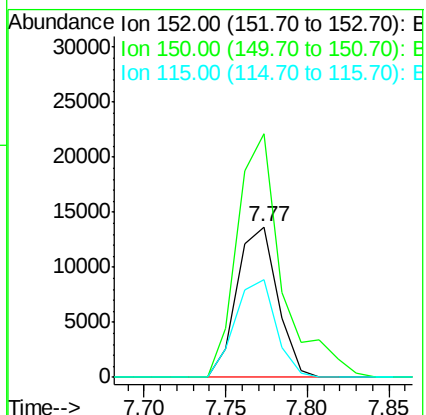
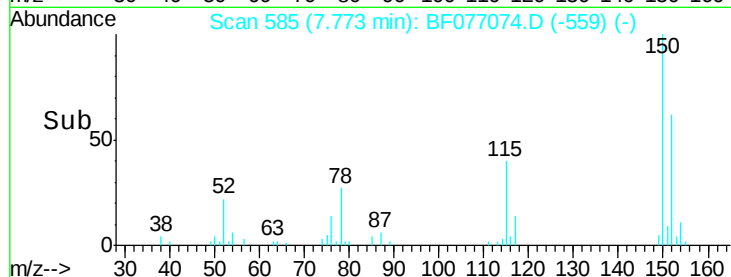
150 161.7 121.7 182.5

115 64.8 47.0 70.6

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#2

1,4-Dioxane

Concen: 20.81 ng

RT: 1.17 min Scan# 7

Delta R.T. 0.00 min

Lab File: BF077074.D

Acq: 27 Jan 2015 5:23

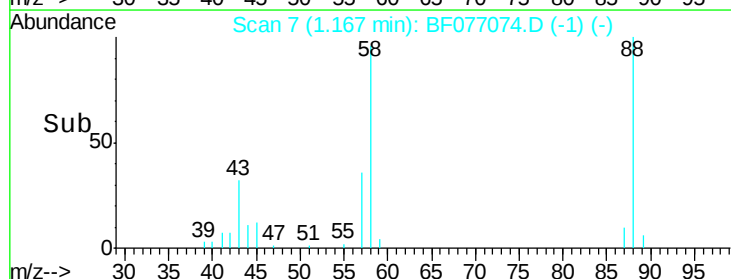
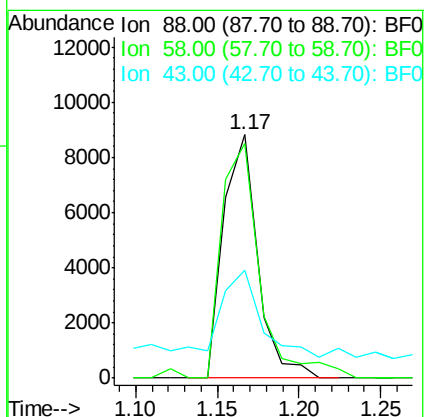
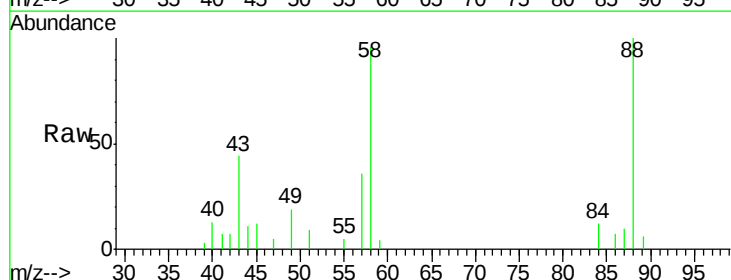
Tgt Ion: 88 Resp: 12768

Ion Ratio Lower Upper

88 100

58 108.3 77.0 115.4

43 42.0 25.6 38.4#





#3

Pyridine

Concen: 20.38 ng

RT: 1.62 min Scan# 47

Delta R.T. 0.00 min

Lab File: BF077074.D

Acq: 27 Jan 2015 5:23

Instrument :

BNA_F

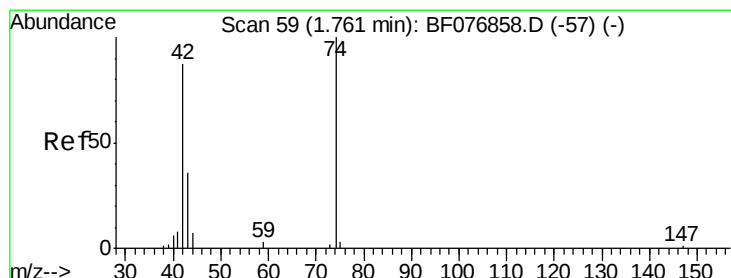
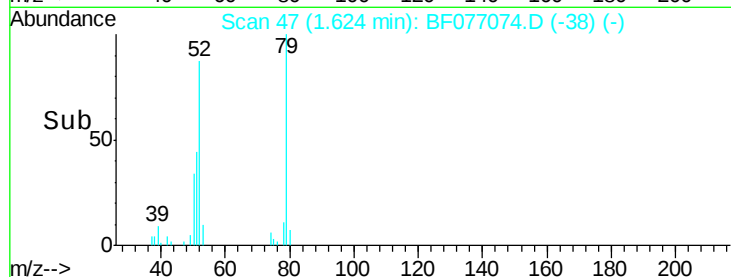
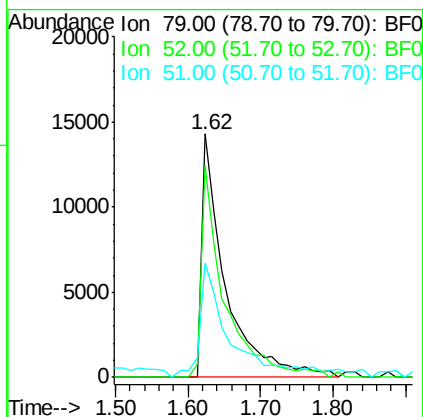
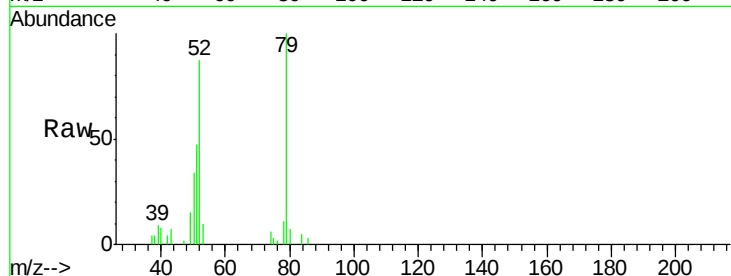
ClientSampleId :

SB-84(17-19)MSD

Tgt Ion:	79	Resp:	32346
Ion Ratio	Lower	Upper	
79	100		
52	87.1	70.1	105.1
51	46.8	35.1	52.7

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#4

n-Nitrosodimethylamine

Concen: 28.50 ng

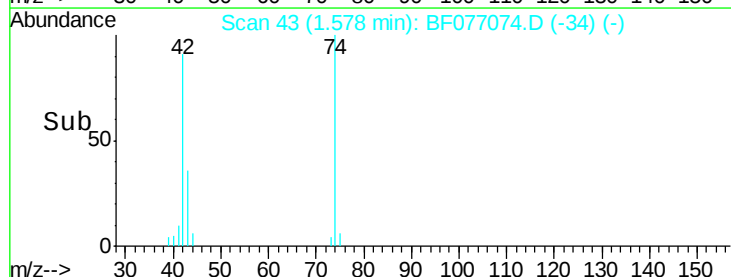
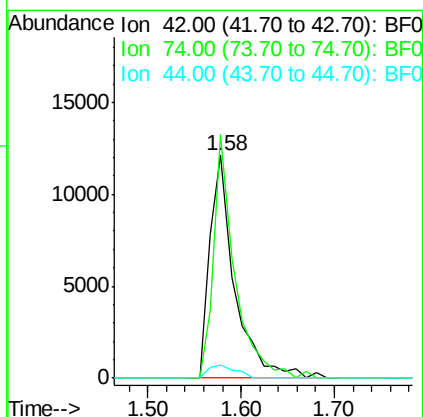
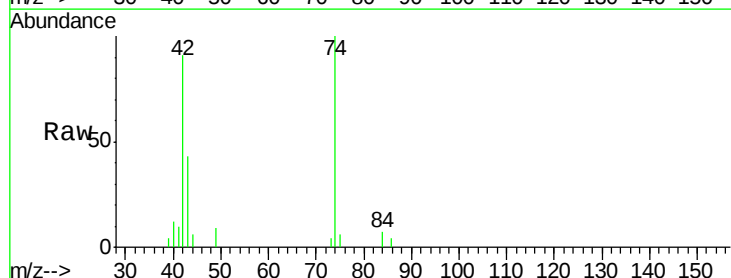
RT: 1.58 min Scan# 43

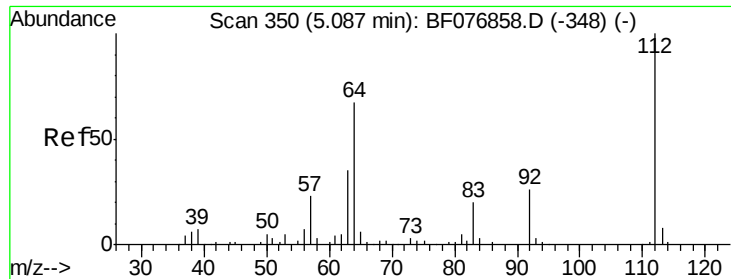
Delta R.T. 0.00 min

Lab File: BF077074.D

Acq: 27 Jan 2015 5:23

Tgt Ion:	42	Resp:	22409
Ion Ratio	Lower	Upper	
42	100		
74	109.3	92.4	138.6
44	6.0	6.2	9.2#





#5

2-Fluorophenol

Concen: 85.58 ng

RT: 4.80 min Scan# 325

Delta R.T. 0.00 min

Lab File: BF077074.D

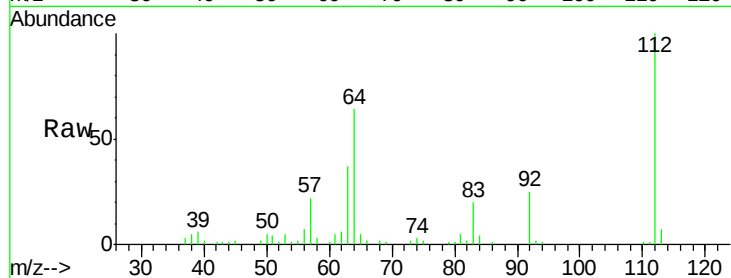
Acq: 27 Jan 2015 5:23

Instrument :

BNA_F

ClientSampleId :

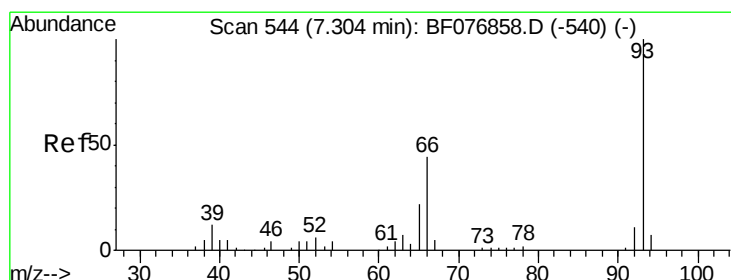
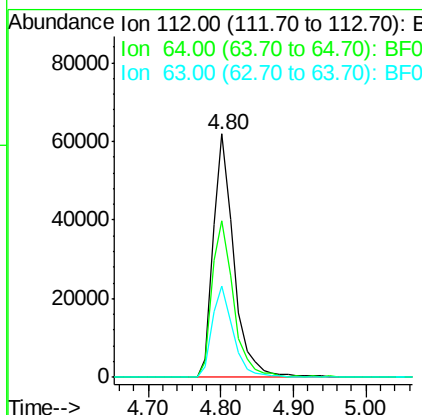
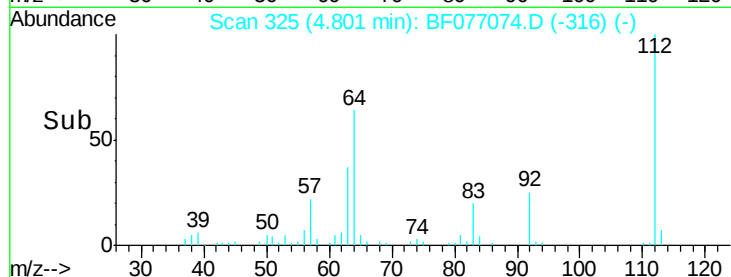
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Tgt Ion	Ratio	Resp	Lower	Upper
112	100	122609		
64	64.4	54.2	81.4	
63	37.2	28.4	42.6	

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#6

Aniline

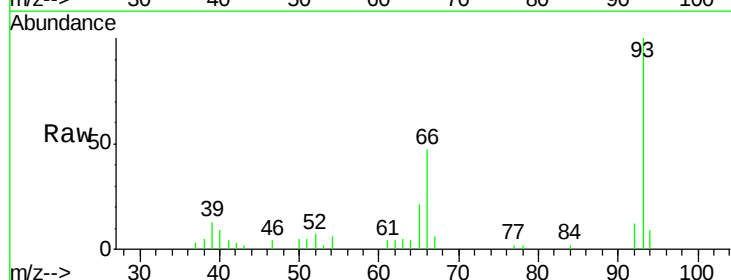
Concen: 13.38 ng

RT: 7.05 min Scan# 522

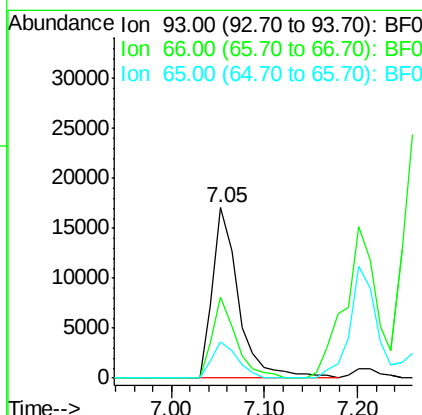
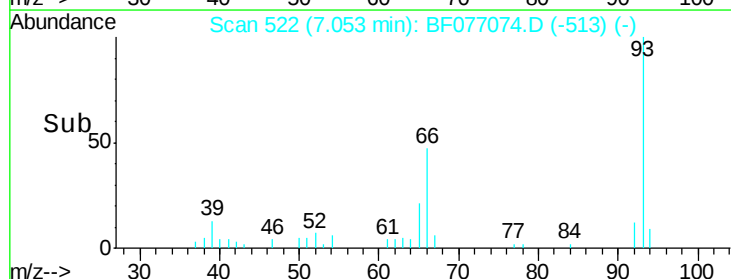
Delta R.T. 0.00 min

Lab File: BF077074.D

Acq: 27 Jan 2015 5:23



Tgt Ion	Ratio	Resp	Lower	Upper
93	100	33461		
66	47.3	35.0	52.4	
65	21.1	17.7	26.5	





#7

Phenol-d6

Concen: 88.45 ng

RT: 7.18 min Scan# 533

Delta R.T. 0.00 min

Lab File: BF077074.D

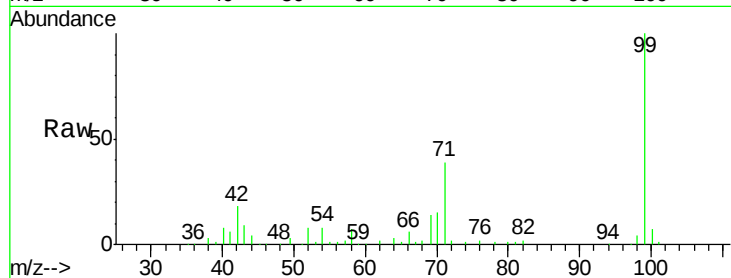
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Instrument :

BNA_F

ClientSampleId :

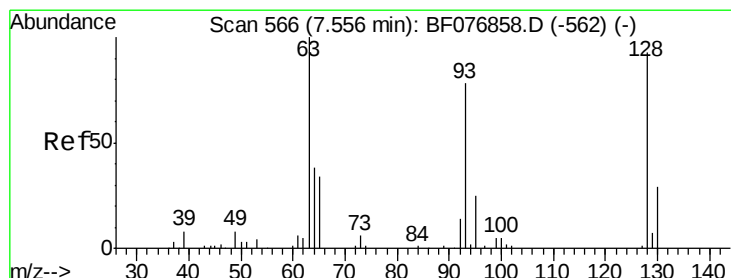
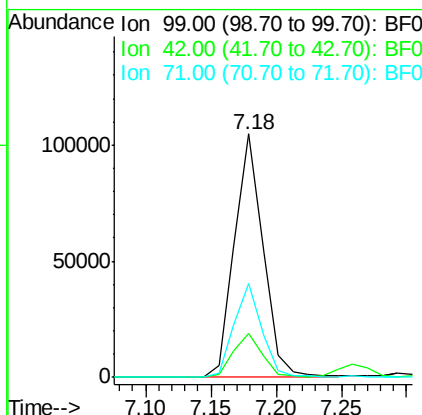
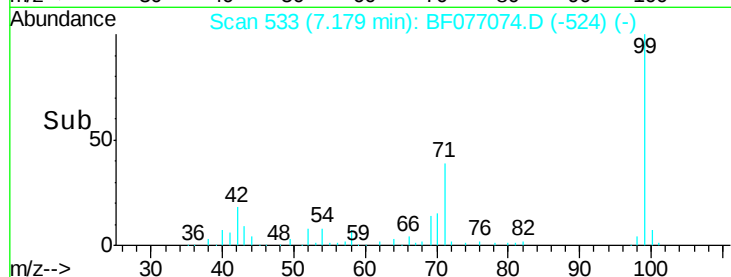
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Tgt Ion	Ratio	Resp	Lower	Upper
99	100	159863		
42	18.1	15.0	22.4	
71	38.6	30.5	45.7	

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#8

2-Chlorophenol

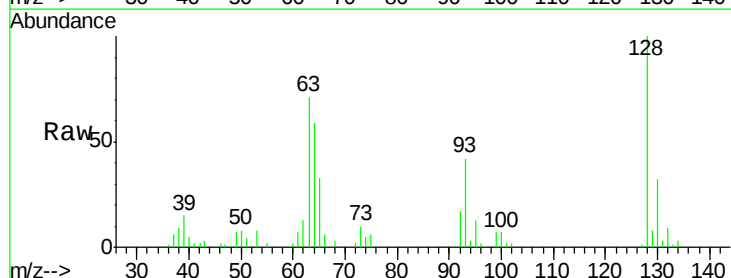
Concen: 27.64 ng

RT: 7.29 min Scan# 543

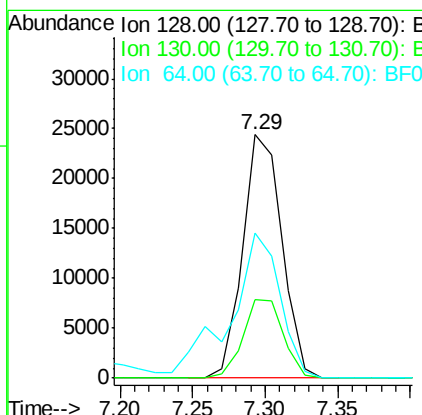
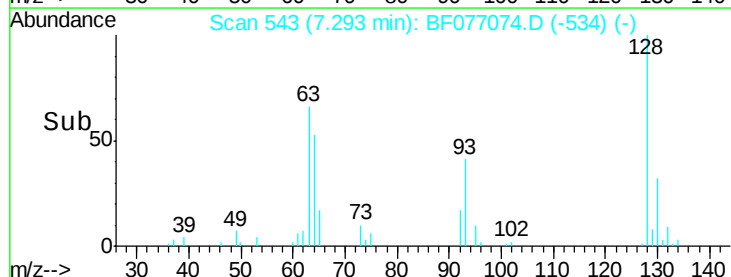
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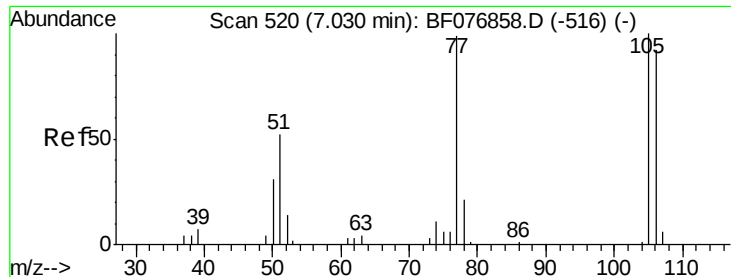
Lab File: BF077074.D

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Tgt Ion	Ratio	Resp	Lower	Upper
128	100	45651		
130	32.4	11.0	51.0	
64	59.3	29.3	69.3	





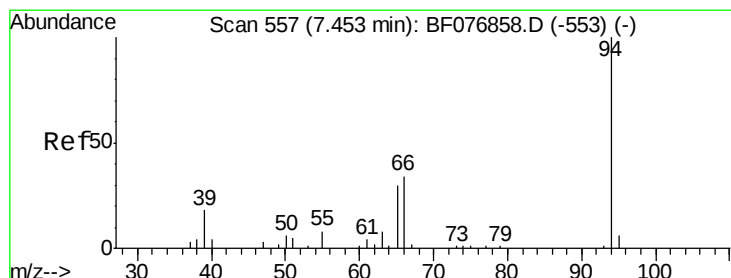
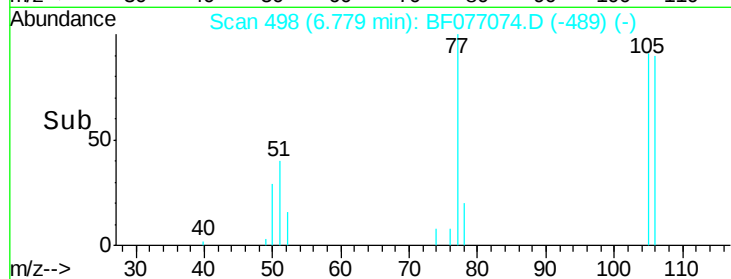
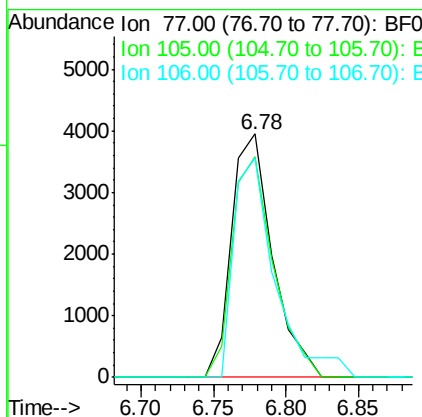
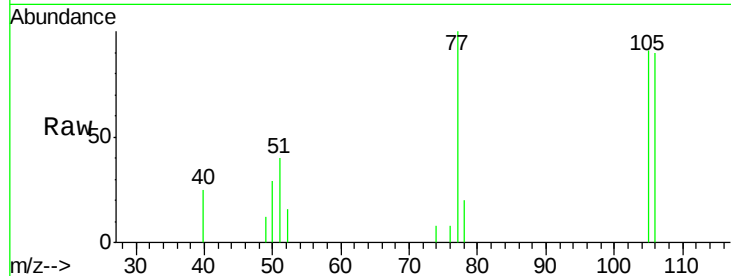
#9
Benzaldehyde
Concen: 6.07 ng
RT: 6.78 min Scan# 498
Delta R.T. 0.00 min
Lab File: BF077074.D
Acq: 27 Jan 2015 5:23

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

Tgt Ion	Ratio	Lower	Upper
77	100		
105	90.6	81.4	121.4
106	90.0	72.8	112.8

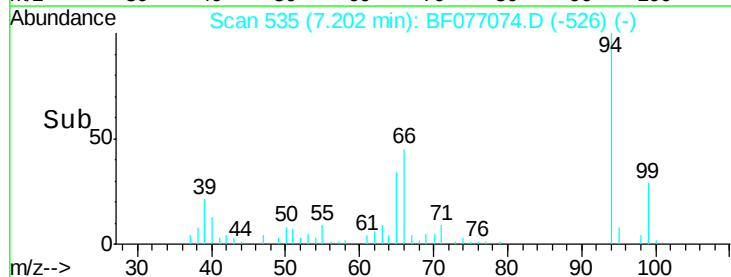
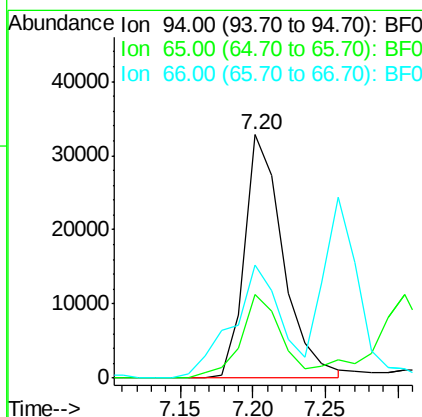
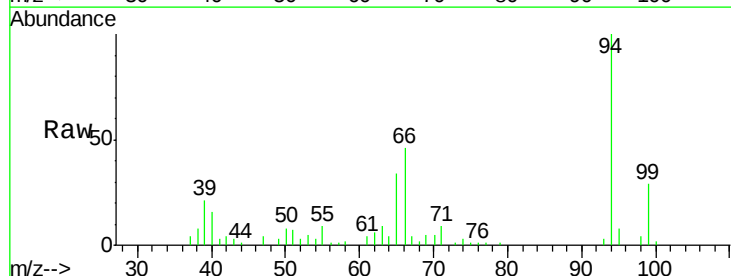
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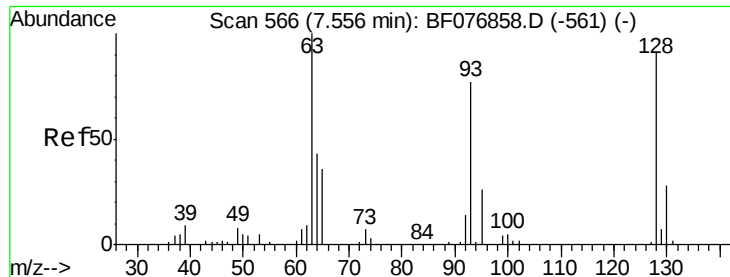
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#10
Phenol
Concen: 31.52 ng
RT: 7.20 min Scan# 535
Delta R.T. 0.00 min
Lab File: BF077074.D
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Tgt Ion	Ratio	Lower	Upper
94	100		
65	34.2	11.3	51.3
66	46.3	19.5	59.5





#11

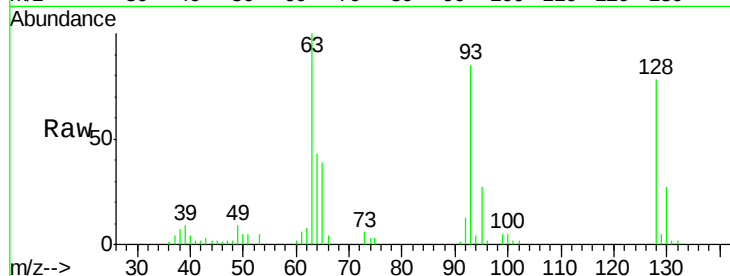
bis(2-Chloroethyl)ether
Concen: 29.61 ng
RT: 7.30 min Scan# 544
Delta R.T. 0.00 min
Lab File: BF077074.D
Acq: 27 Jan 2015 5:23

Instrument :
BNA_F
ClientSampleId :
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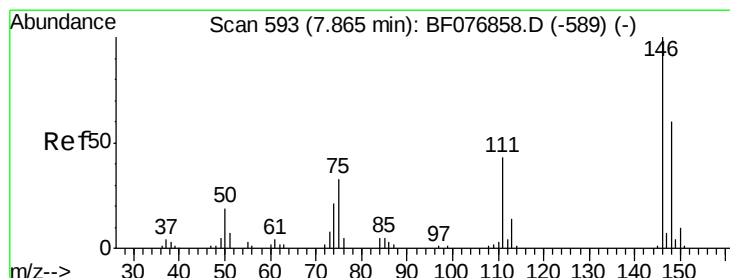
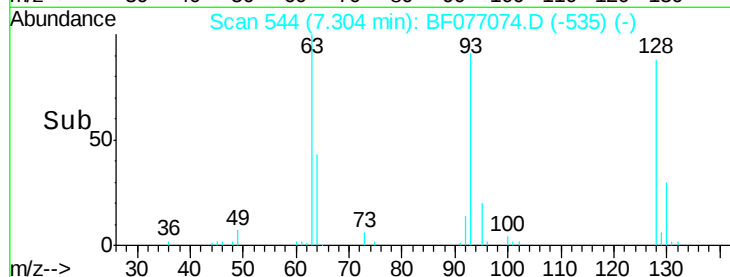
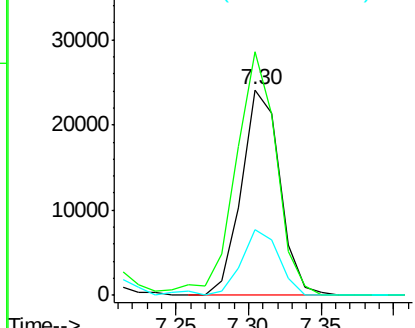
Tgt Ion	Ratio	Resp	Lower	Upper
93	100	44458		
63	118.3	111.3	151.3	
95	31.7	13.8	53.8	

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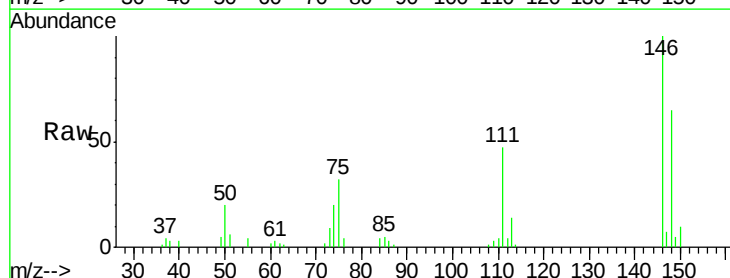
Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 63.00 (62.70 to 63.70): BF0
Ion 95.00 (94.70 to 95.70): BF0



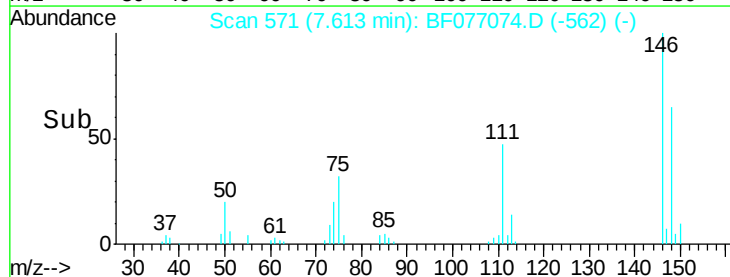
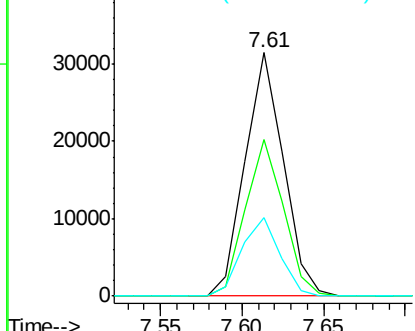
#12

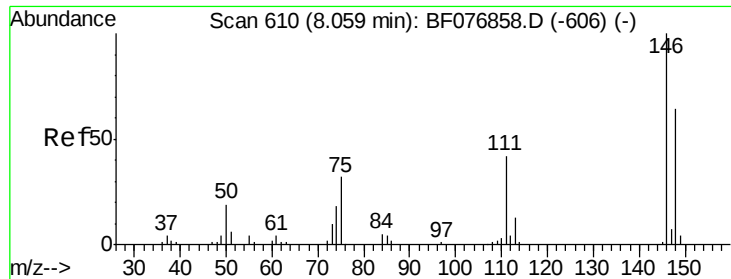
1,3-Dichlorobenzene
Concen: 27.36 ng
RT: 7.61 min Scan# 571
Delta R.T. 0.00 min
Lab File: BF077074.D
Acq: 27 Jan 2015 5:23

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	51421		
148	64.5	48.1	72.1	
75	32.4	26.8	40.2	



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF0





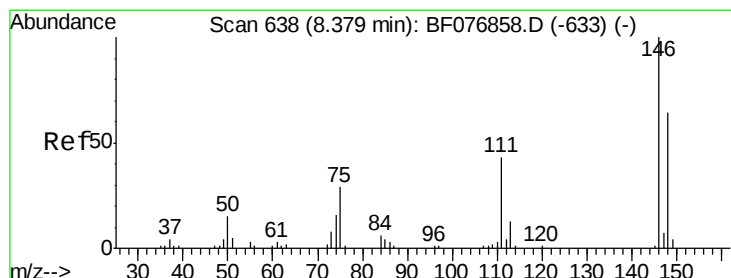
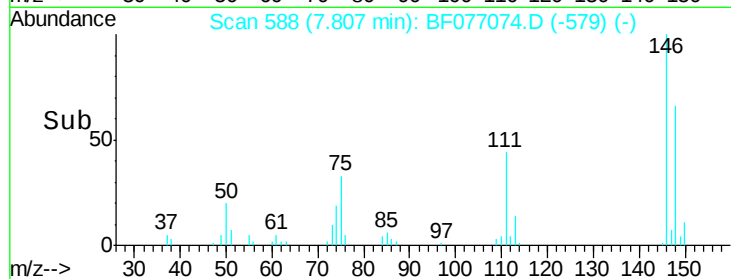
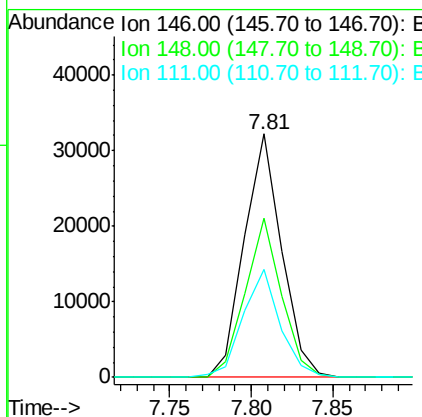
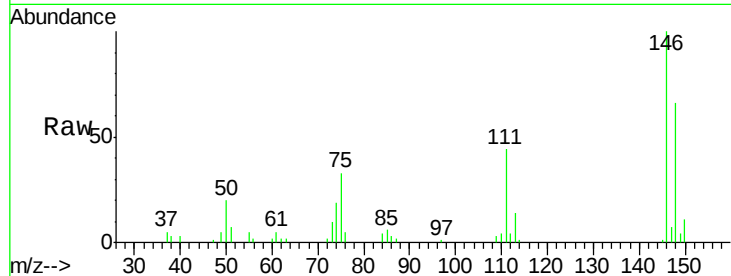
#13
 1,4-Dichlorobenzene
 Concen: 25.83 ng
 RT: 7.81 min Scan# 588
 Delta R.T. 0.00 min
 Lab File: BF077074.D
 Acq: 27 Jan 2015 5:23

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.5	51.5	77.3
111	44.1	33.9	50.9

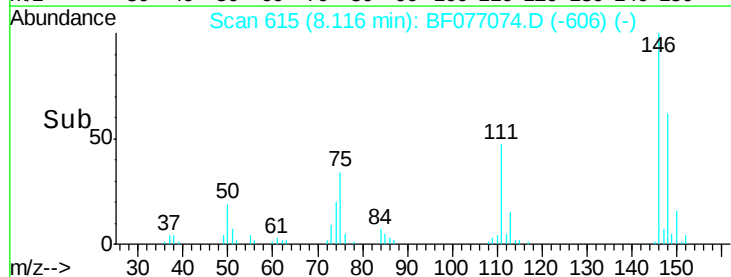
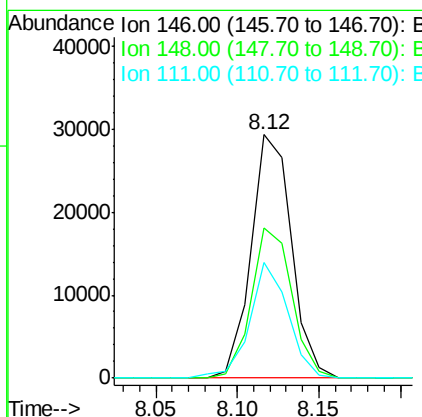
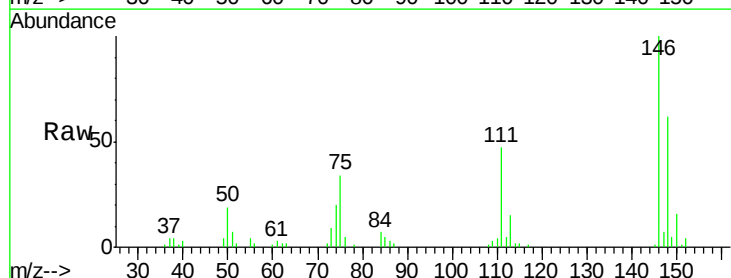
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#14
 1,2-Dichlorobenzene
 Concen: 27.47 ng
 RT: 8.12 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: BF077074.D
 Acq: 27 Jan 2015 5:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.6	51.3	76.9
111	47.3	34.5	51.7





#15

Benzyl Alcohol

Concen: 27.94 ng

RT: 8.21 min Scan# 623

Delta R.T. 0.00 min

Lab File: BF077074.D

Acq: 27 Jan 2015 5:23

Instrument :

BNA_F

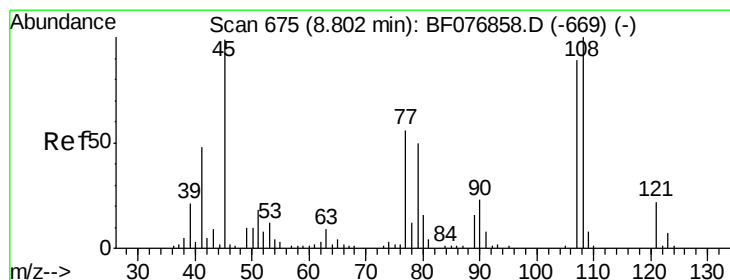
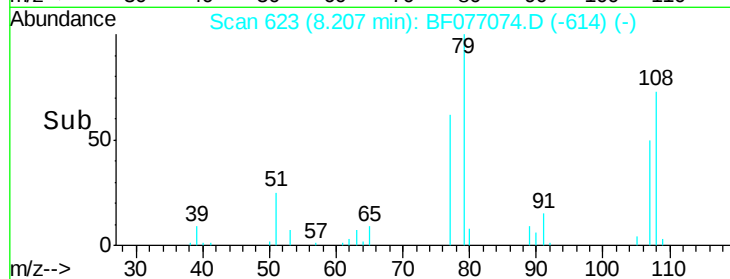
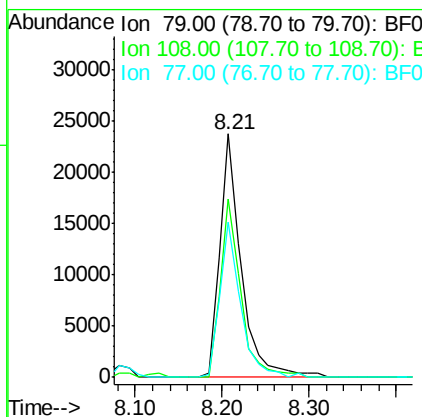
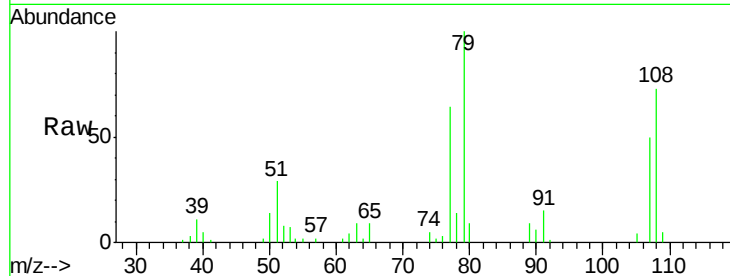
ClientSampleId :

SB-84(17-19)MSD

Tgt Ion:	79	Resp:	40867
Ion Ratio	Lower	Upper	
79	100		
108	73.3	57.2	85.8
77	63.9	51.2	76.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 28.79 ng

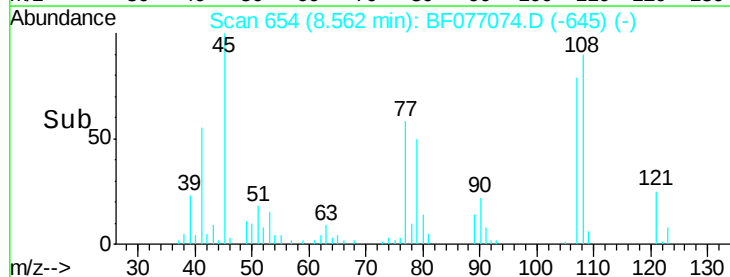
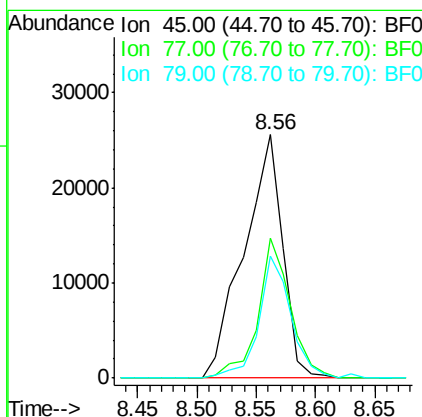
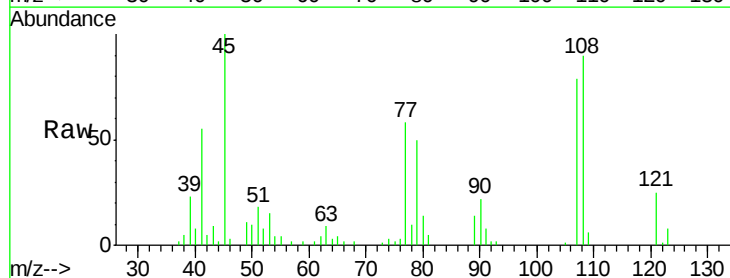
RT: 8.56 min Scan# 654

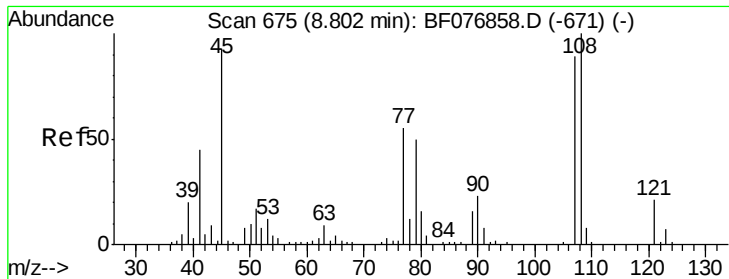
Delta R.T. 0.00 min

Lab File: BF077074.D

Acq: 27 Jan 2015 5:23

Tgt Ion:	45	Resp:	58116
Ion Ratio	Lower	Upper	
45	100		
77	57.6	36.1	76.1
79	49.9	30.5	70.5





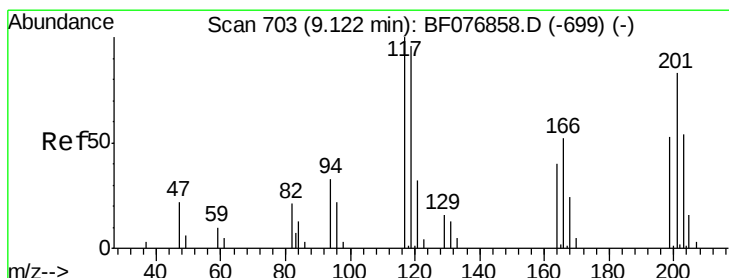
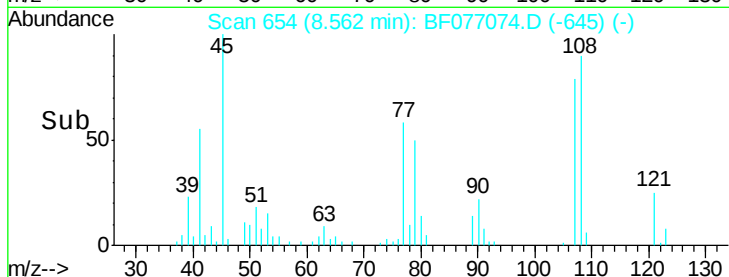
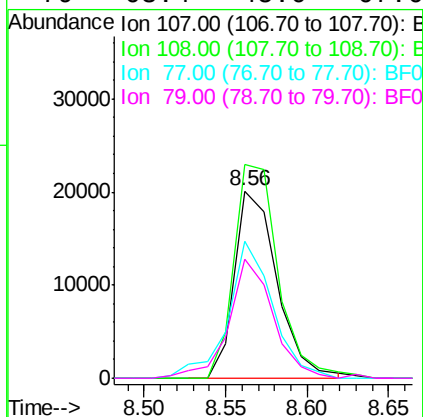
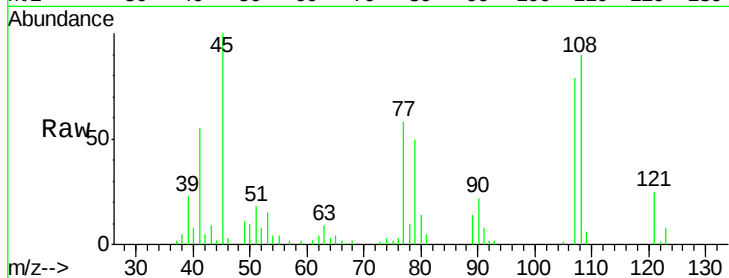
#17
2-Methylphenol
Concen: 26.94 ng
RT: 8.56 min Scan# 654
Delta R.T. 0.00 min
Lab File: BF077074.D
Acq: 27 Jan 2015 5:23

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
107	100	36357		
108	113.9	89.7	134.5	
77	73.2	50.1	75.1	
79	63.4	45.0	67.6	

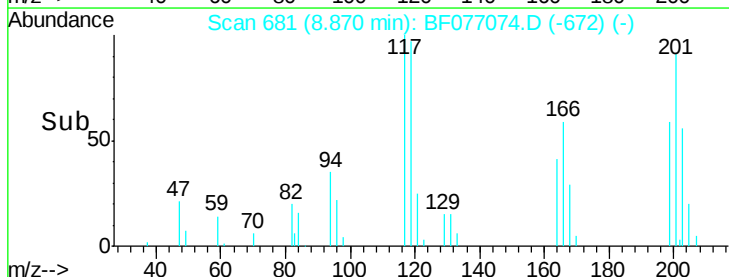
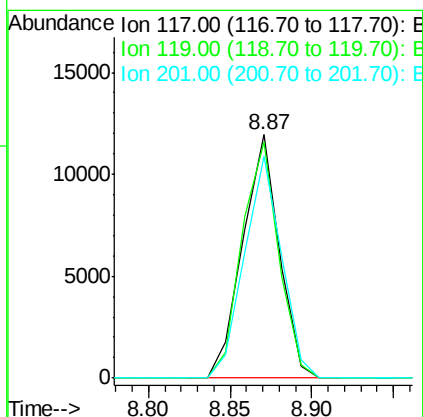
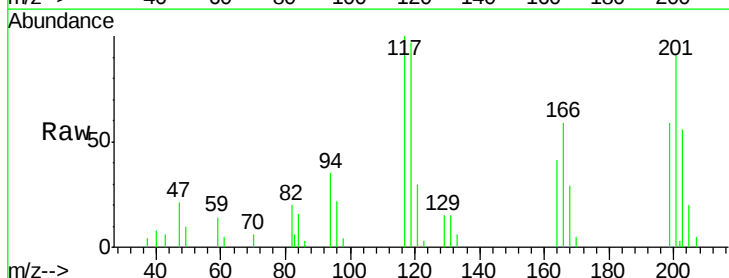
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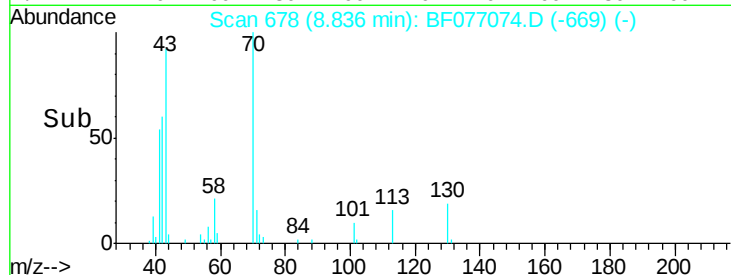
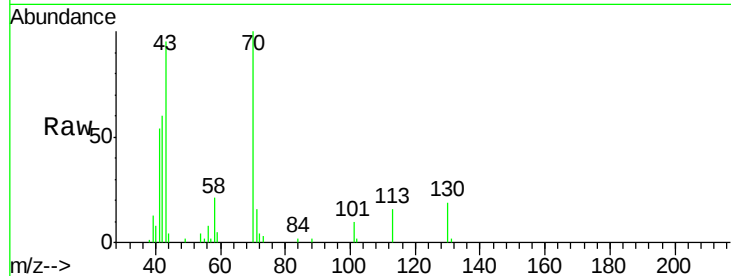
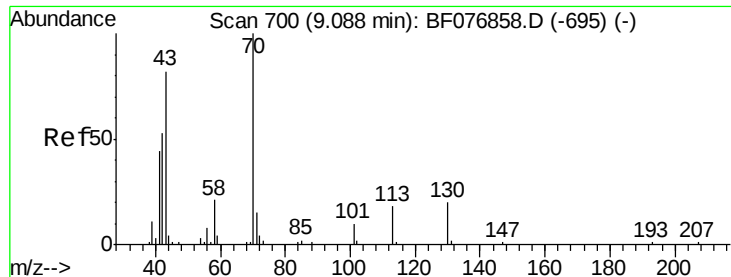
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#18
Hexachloroethane
Concen: 26.67 ng
RT: 8.87 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF077074.D
Acq: 27 Jan 2015 5:23

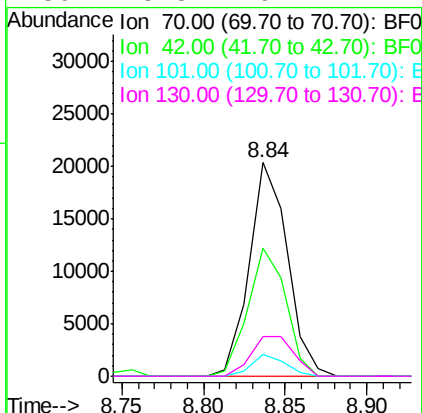
Tgt Ion	Ratio	Resp	Lower	Upper
117	100	18488		
119	96.9	77.1	115.7	
201	91.0	66.8	100.2	





#19
n-Nitroso-di-n-propylamine
Concen: 26.12 ng
RT: 8.84 min Scan# 678
Delta R.T. 0.00 min
Lab File: BF077074.D
Acq: 27 Jan 2015 5:23

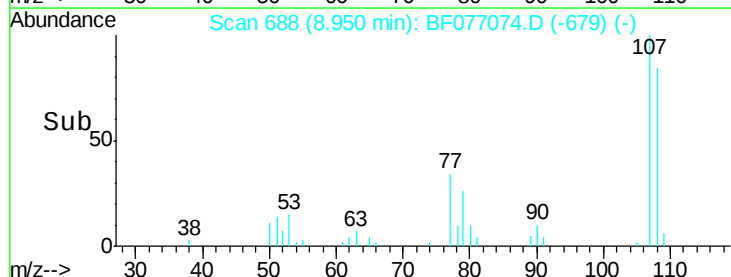
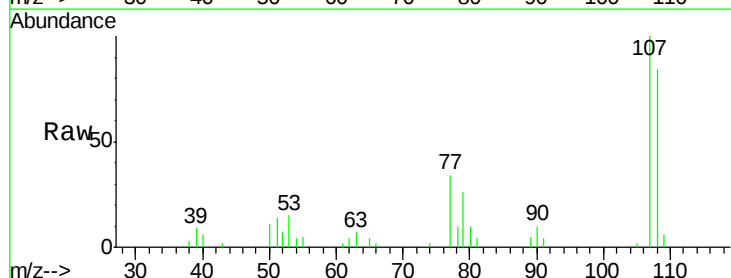
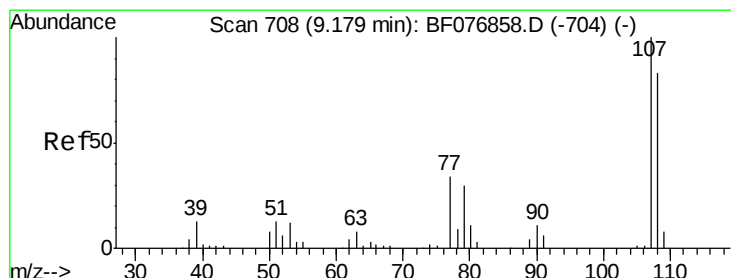
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
70	100		33048		
42	59.8	42.1	63.1		
101	10.0	7.8	11.8		
130	18.8	16.2	24.4		



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

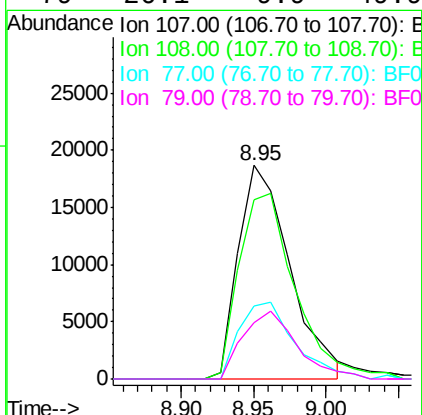
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#20
3+4-Methylphenols
Concen: 25.84 ng
RT: 8.95 min Scan# 688
Delta R.T. 0.00 min
Lab File: BF077074.D
Acq: 27 Jan 2015 5:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		46183		
108	83.6	63.5	103.5		
77	34.1	14.0	54.0		
79	26.1	9.9	49.9		





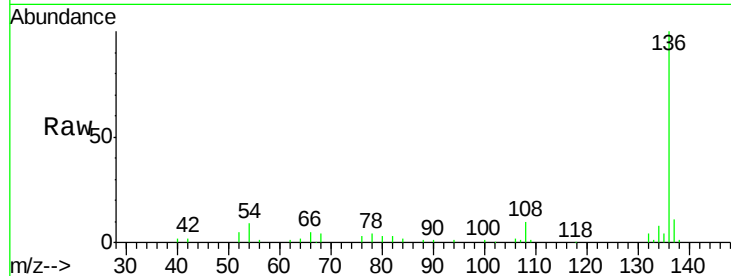
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.68 min Scan# 839
Delta R.T. 0.00 min
Lab File: BF077074.D
Acq: 27 Jan 2015 5:23

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

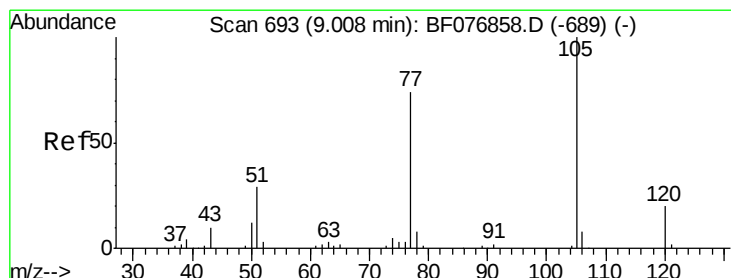
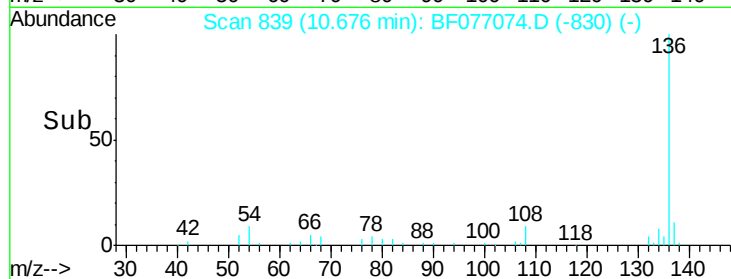
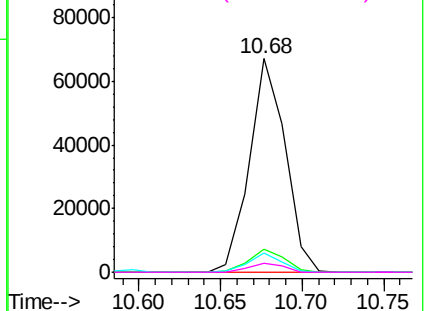
Tgt Ion	Ratio	Resp Lower	Resp Upper
136	100		
137	10.9	8.1	12.1
54	8.9	7.0	10.4
68	4.2	3.7	5.5

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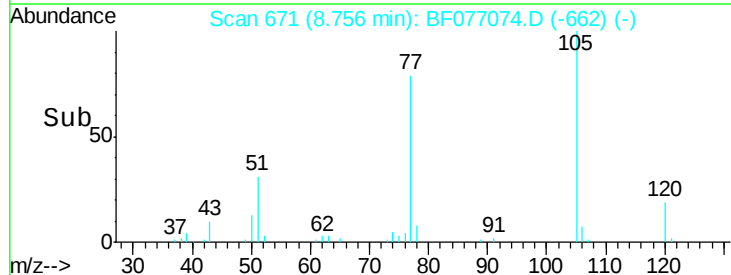
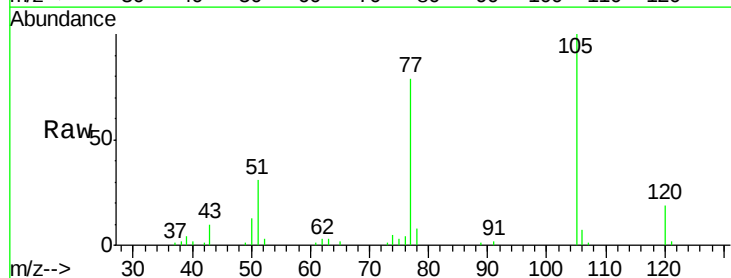
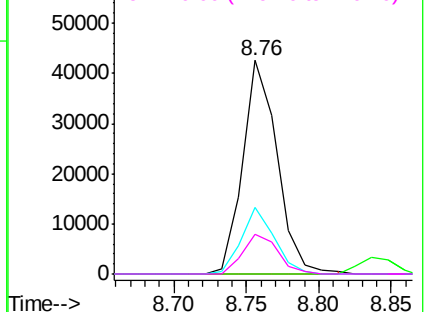
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0



#22
Acetophenone
Concen: 27.88 ng
RT: 8.76 min Scan# 671
Delta R.T. 0.00 min
Lab File: BF077074.D
Acq: 27 Jan 2015 5:23

Tgt Ion	Ratio	Resp Lower	Resp Upper
105	100		
71	0.0	0.0	0.0
51	31.1	23.3	34.9
120	18.6	16.1	24.1

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





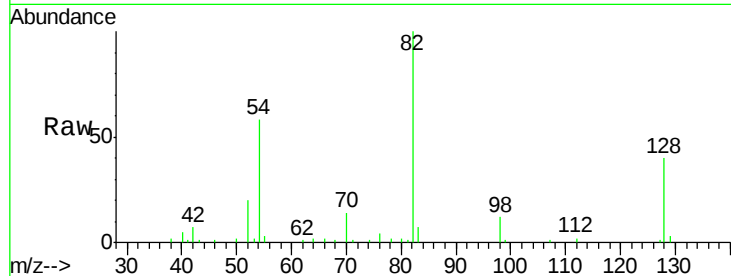
#23
 Nitrobenzene-d5
 Concen: 52.57 ng
 RT: 9.06 min Scan# 698
 Delta R.T. 0.00 min
 Lab File: BF077074.D
 Acq: 27 Jan 2015 5:23

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

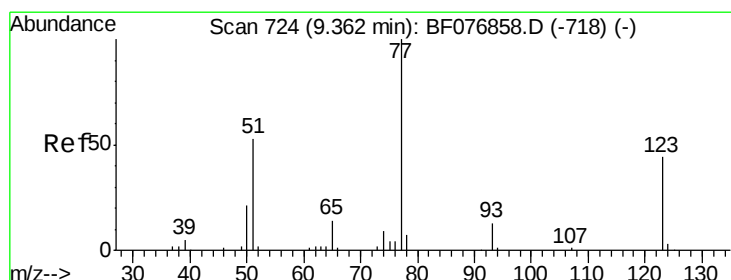
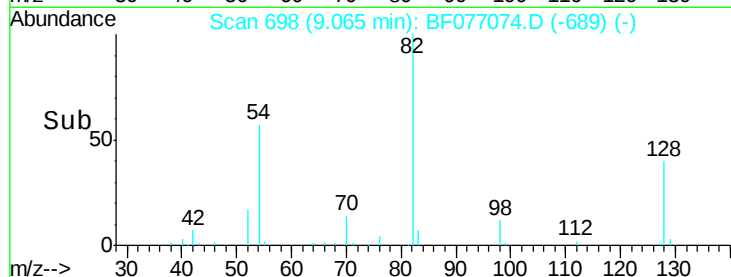
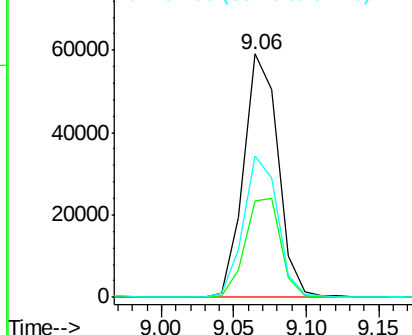
Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	39.7	33.1	49.7
54	57.9	48.3	72.5

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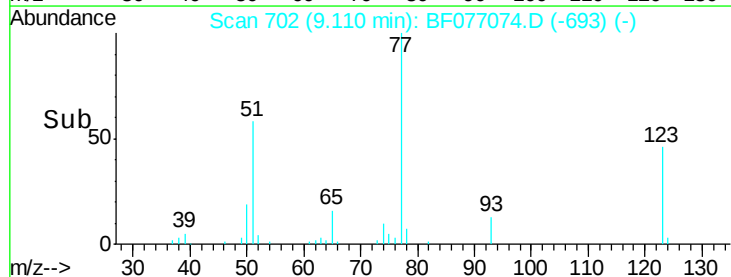
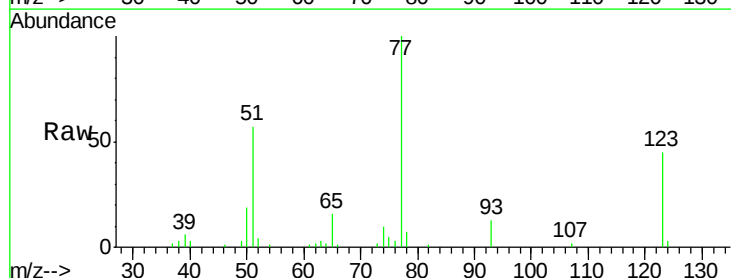
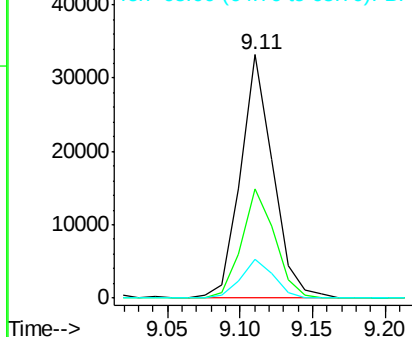
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0



#24
 Nitrobenzene
 Concen: 27.33 ng
 RT: 9.11 min Scan# 702
 Delta R.T. 0.00 min
 Lab File: BF077074.D
 Acq: 27 Jan 2015 5:23

Tgt Ion	Ratio	Resp Lower	Upper
77	100		
123	44.9	35.2	52.8
65	15.9	11.4	17.2

Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 27.50 ng

RT: 9.72 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF077074.D

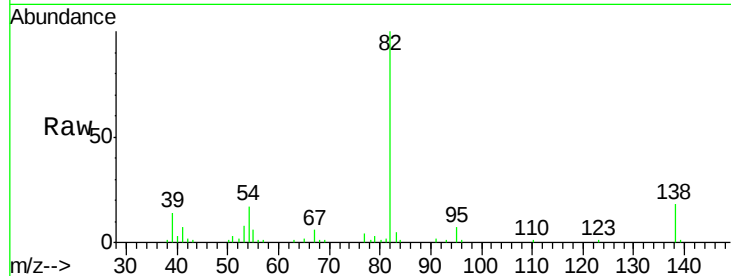
Acq: 27 Jan 2015 5:23

Instrument :

BNA_F

ClientSampleId :

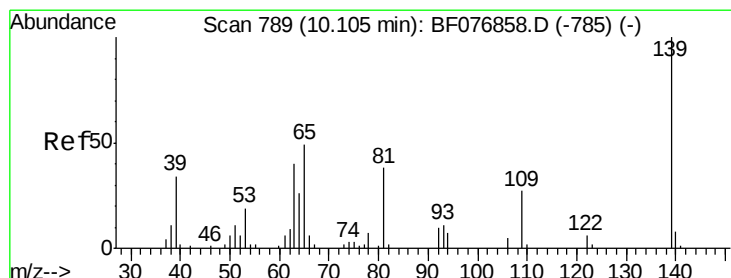
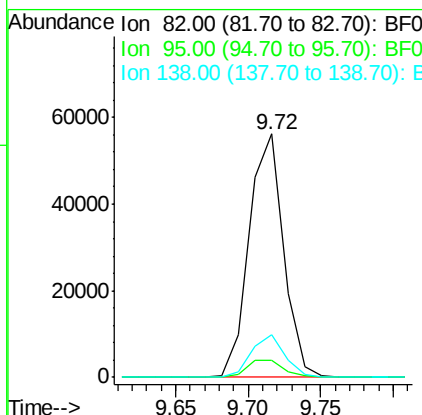
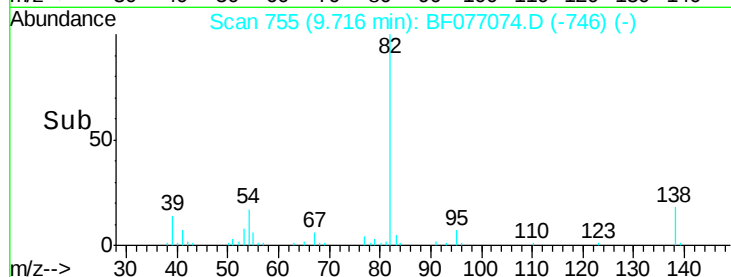
SB-84(17-19)MSD



Tgt Ion:	82	Resp:	92755
Ion Ratio		Lower	Upper
82	100		
95	7.0	6.6	10.0
138	17.6	12.6	18.8

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#26

2-Nitrophenol

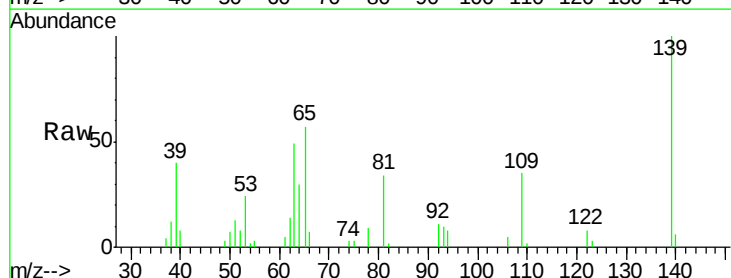
Concen: 25.88 ng

RT: 9.85 min Scan# 767

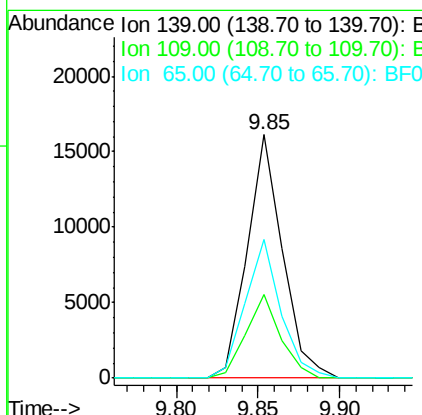
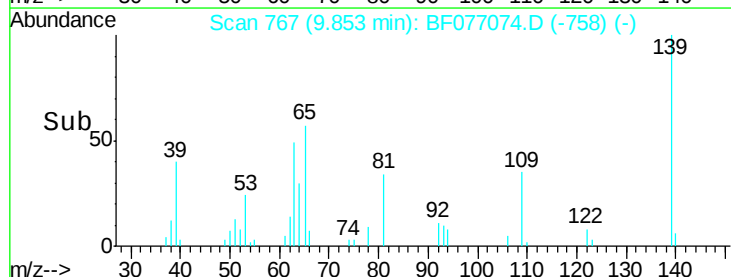
Delta R.T. 0.00 min

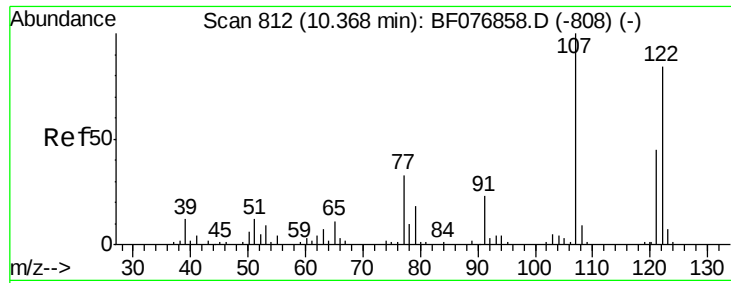
Lab File: BF077074.D

Acq: 27 Jan 2015 5:23



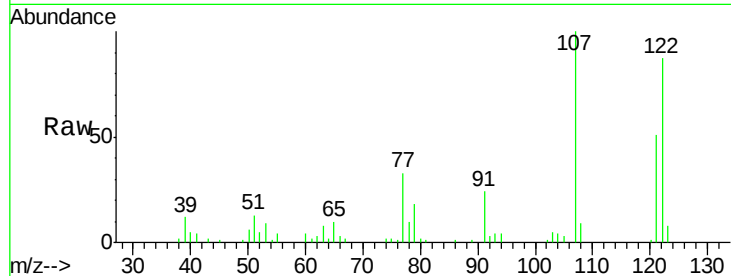
Tgt Ion:	139	Resp:	24184
Ion Ratio		Lower	Upper
139	100		
109	34.6	21.3	31.9#
65	56.9	39.4	59.0





#27
 2,4-Dimethylphenol
 Concen: 28.25 ng
 RT: 10.14 min Scan# 792
 Delta R.T. 0.00 min
 Lab File: BF077074.D
 Acq: 27 Jan 2015 5:23

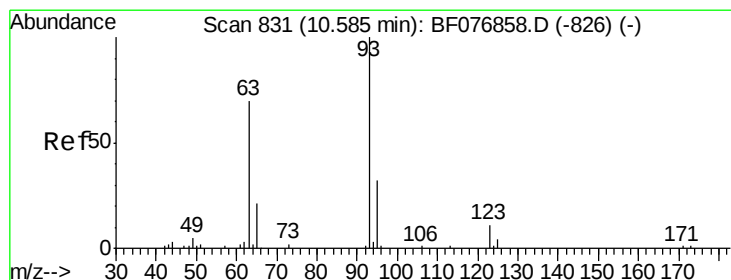
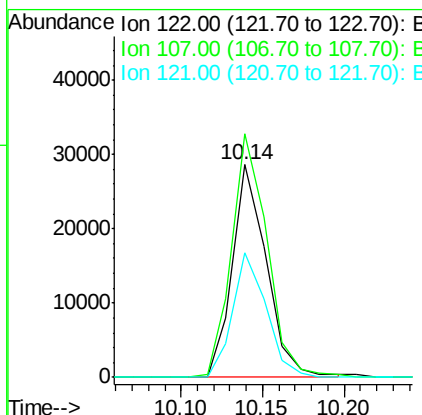
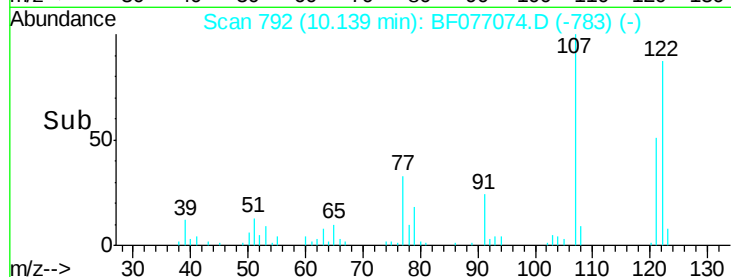
Instrument :
 BNA_F
 ClientSampleId :
 SB-84(17-19)MSD



Tgt Ion	Ratio	Resp	Lower	Upper
122	100	41216		
107	114.6	95.2	142.8	
121	58.5	42.9	64.3	

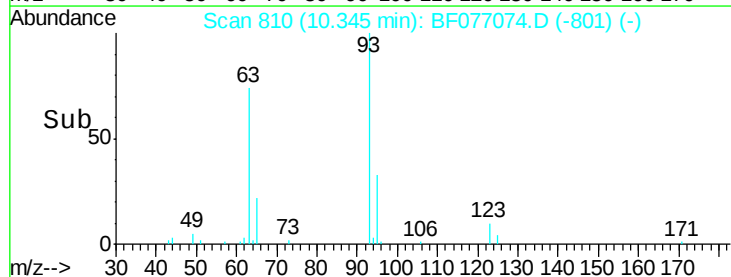
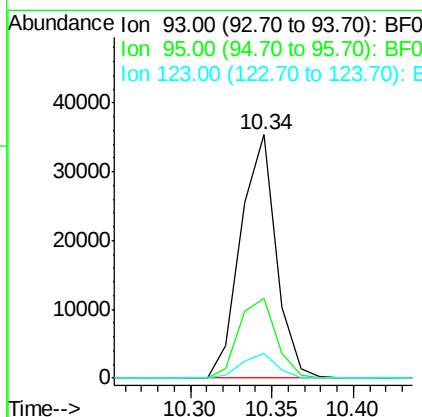
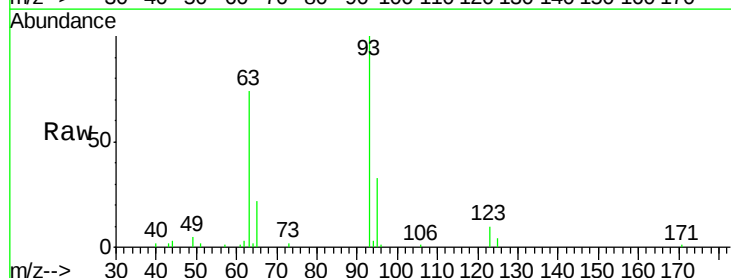
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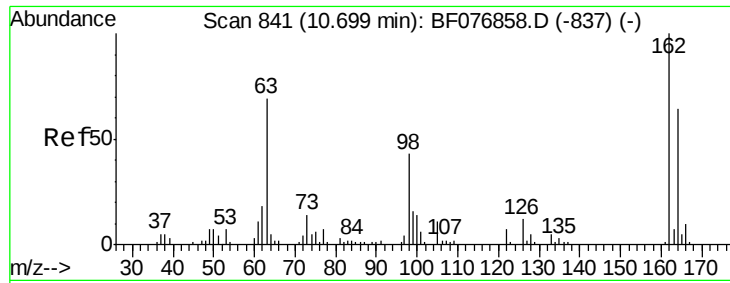
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#28
 bis(2-Chloroethoxy)methane
 Concen: 27.78 ng
 RT: 10.34 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF077074.D
 Acq: 27 Jan 2015 5:23

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	53260		
95	32.6	25.6	38.4	
123	10.0	8.9	13.3	





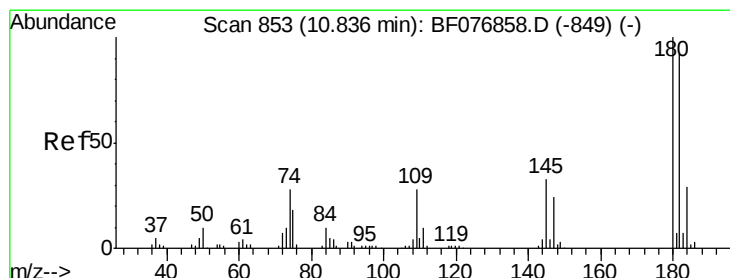
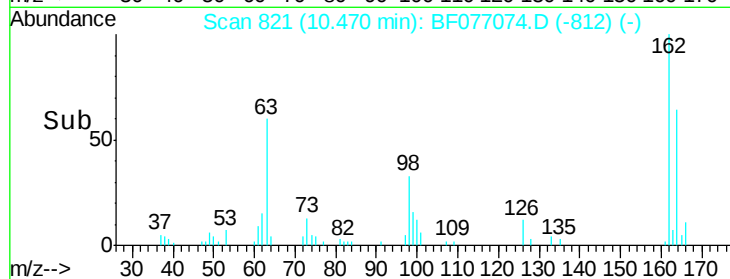
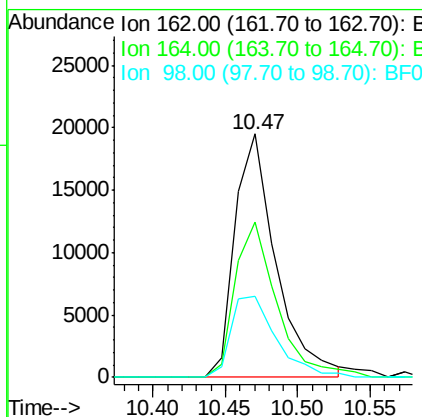
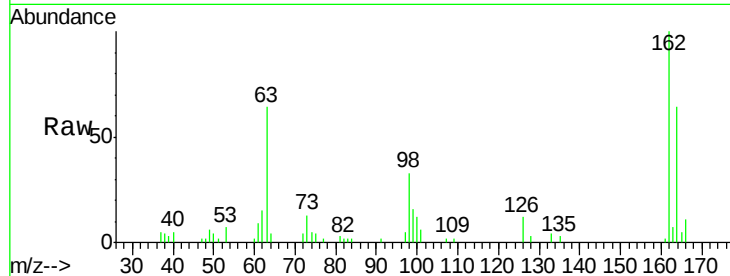
#29
 2,4-Dichlorophenol
 Concen: 28.27 ng
 RT: 10.47 min Scan# 821
 Delta R.T. 0.00 min
 Lab File: BF077074.D
 Acq: 27 Jan 2015 5:23

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

Tgt Ion:	162	Resp:	38436
Ion Ratio	Lower	Upper	
162	100		
164	64.0	43.8	83.8
98	33.2	22.5	62.5

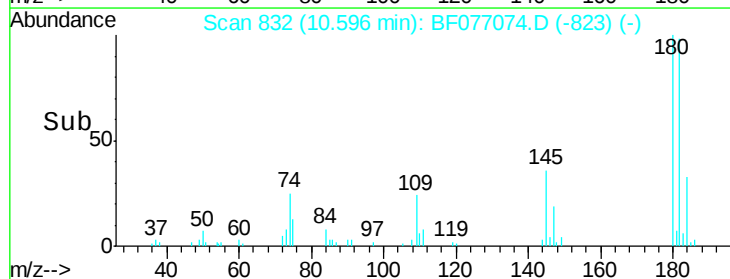
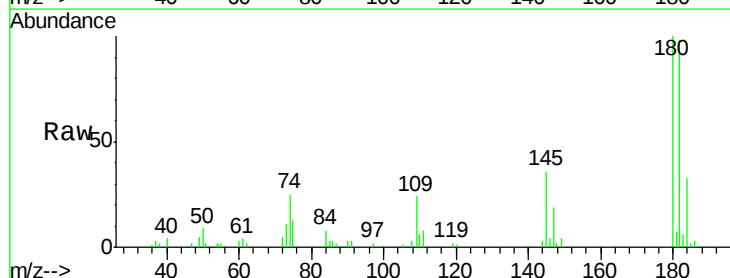
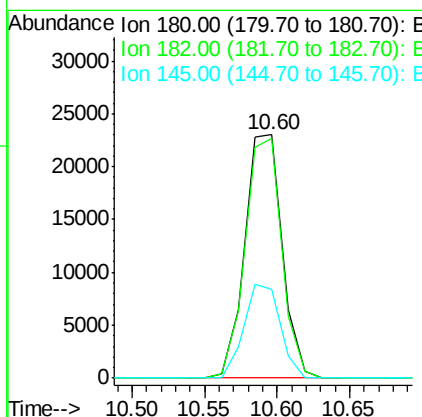
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#30
 1,2,4-Trichlorobenzene
 Concen: 27.21 ng
 RT: 10.60 min Scan# 832
 Delta R.T. 0.00 min
 Lab File: BF077074.D
 Acq: 27 Jan 2015 5:23

Tgt Ion:	180	Resp:	41095
Ion Ratio	Lower	Upper	
180	100		
182	98.3	73.6	110.4
145	36.3	26.6	39.8





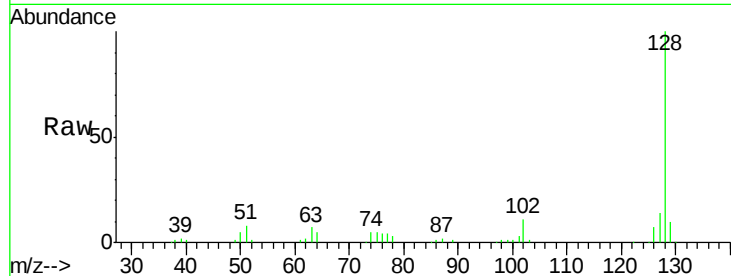
#31
Naphthalene
Concen: 28.03 ng
RT: 10.72 min Scan# 843
Delta R.T. 0.00 min
Lab File: BF077074.D
Acq: 27 Jan 2015 5:23

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

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	148037		
129	10.4	9.0	13.6	
127	13.9	10.2	15.2	

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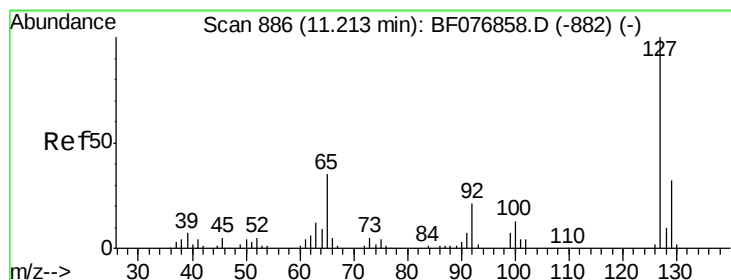
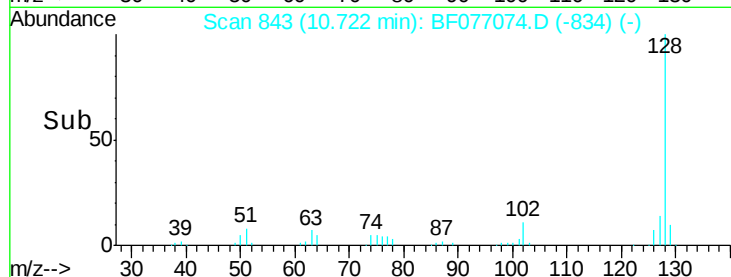
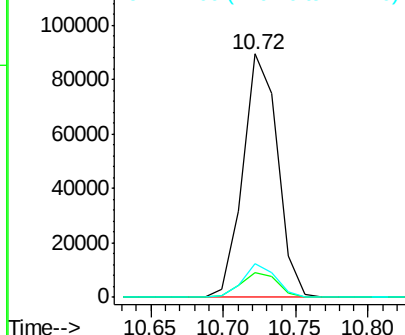


Abundance

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



#33
4-Chloroaniline
Concen: 14.80 ng
RT: 10.97 min Scan# 865
Delta R.T. 0.00 min
Lab File: BF077074.D
Acq: 27 Jan 2015 5:23

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	31584		
129	29.1	25.3	37.9	
65	35.5	27.8	41.6	
92	18.0	16.5	24.7	

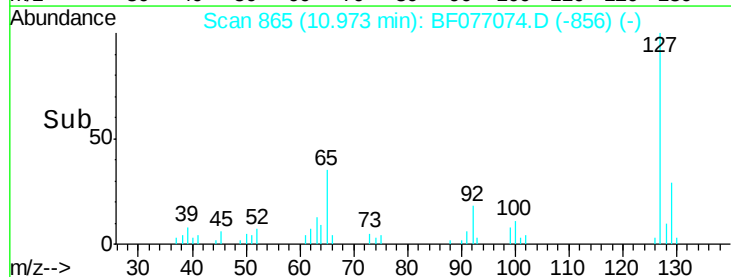
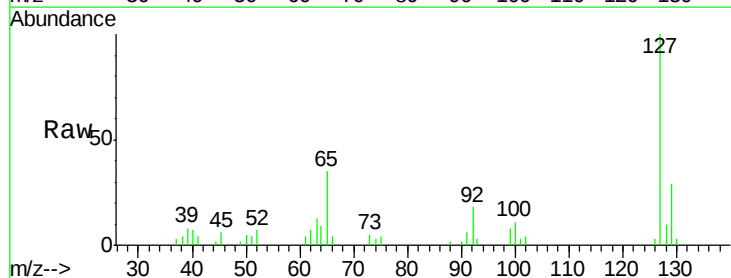
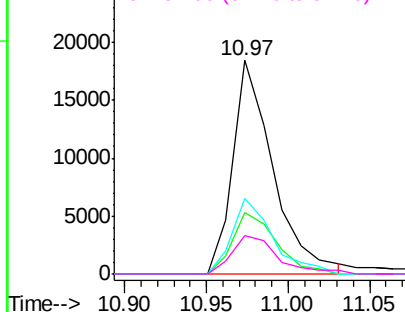
Abundance

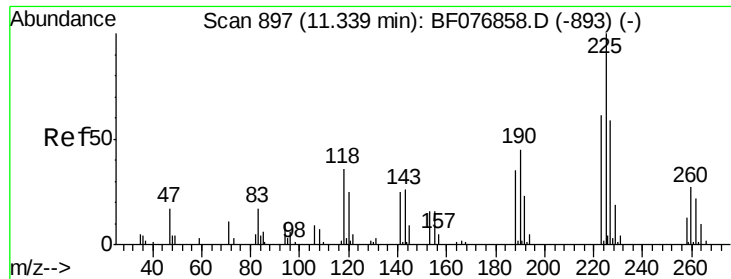
Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0





#34

Hexachlorobutadiene

Concen: 27.26 ng

RT: 11.09 min Scan# 875

Delta R.T. 0.00 min

Lab File: BF077074.D

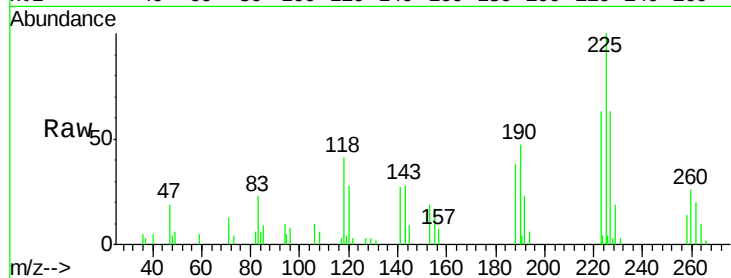
Acq: 27 Jan 2015 5:23

Instrument :

BNA_F

ClientSampleId :

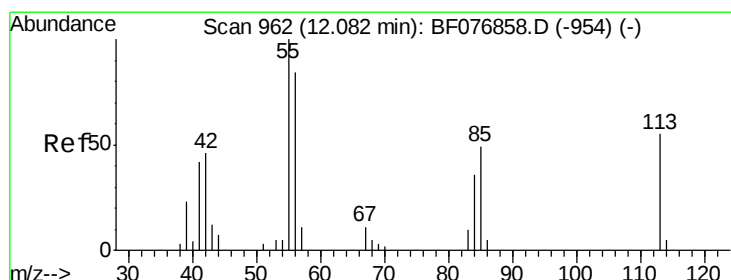
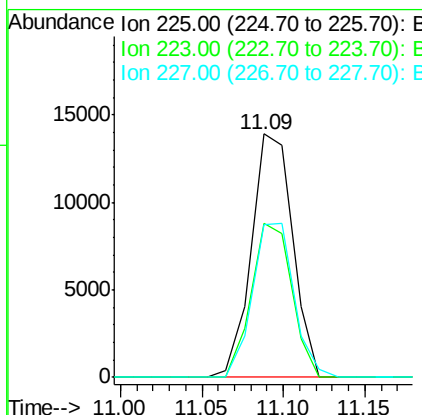
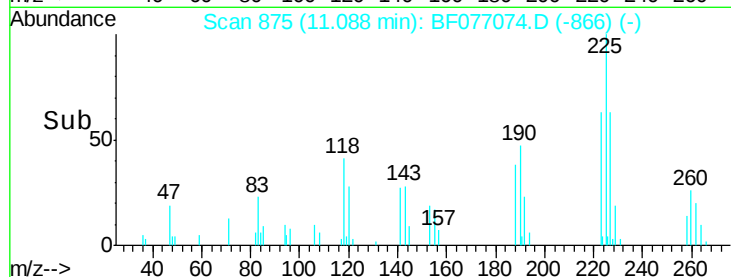
SB-84(17-19)MSD



Tgt Ion:	225	Resp:	24428
Ion Ratio	Lower	Upper	
225	100		
223	63.2	49.1	73.7
227	62.7	47.5	71.3

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#35

Caprolactam

Concen: 24.75 ng

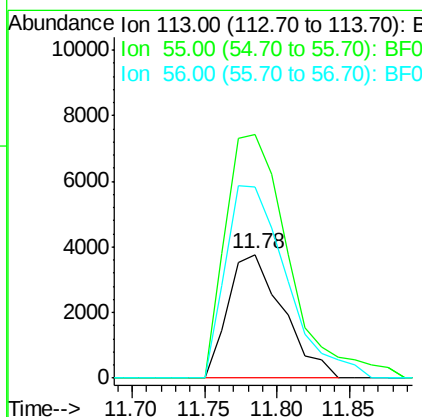
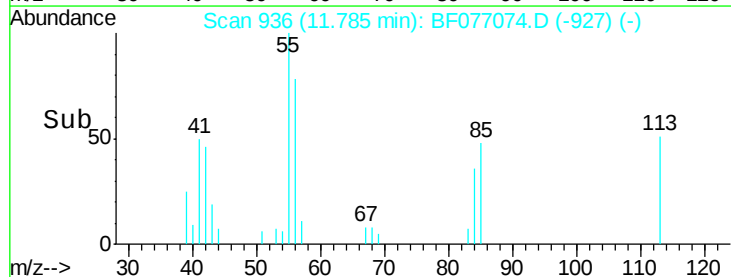
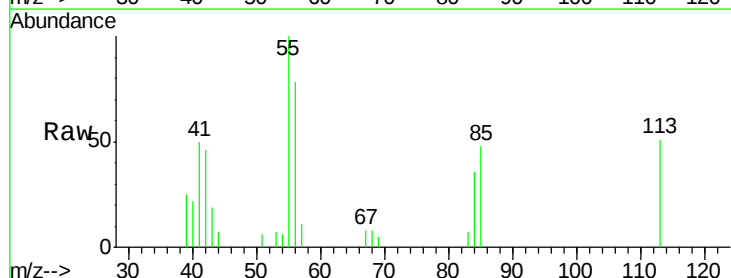
RT: 11.78 min Scan# 936

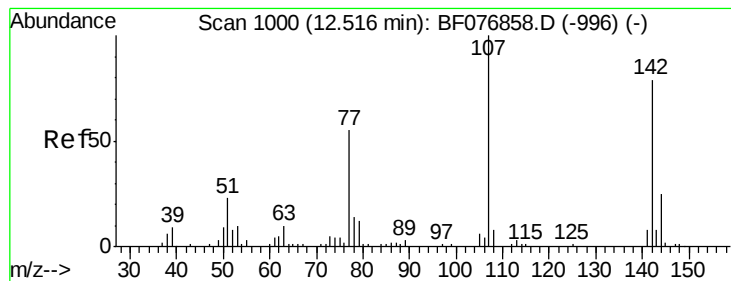
Delta R.T. 0.00 min

Lab File: BF077074.D

Acq: 27 Jan 2015 5:23

Tgt Ion:	113	Resp:	9907
Ion Ratio	Lower	Upper	
113	100		
55	196.9	162.1	202.1
56	154.4	133.7	173.7





#36

4-Chloro-3-methylphenol

Concen: 27.35 ng

RT: 12.29 min Scan# 980

Delta R.T. 0.00 min

Lab File: BF077074.D

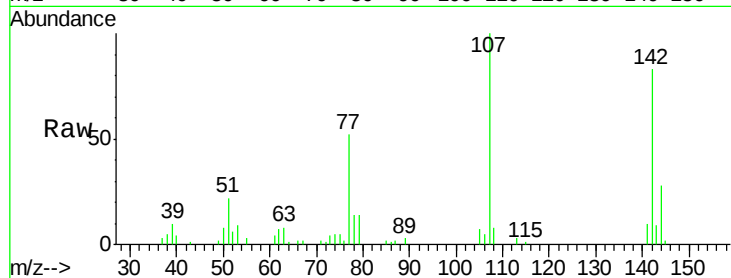
Acq: 27 Jan 2015 5:23

Instrument :

BNA_F

ClientSampleId :

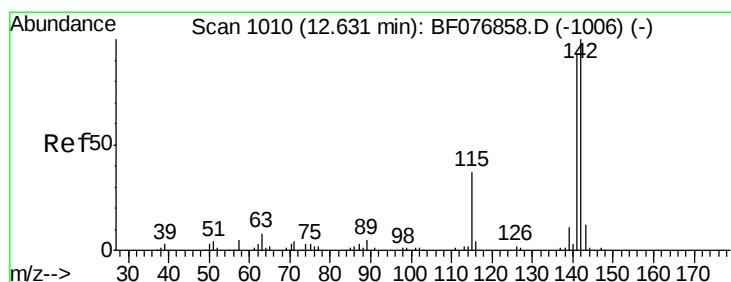
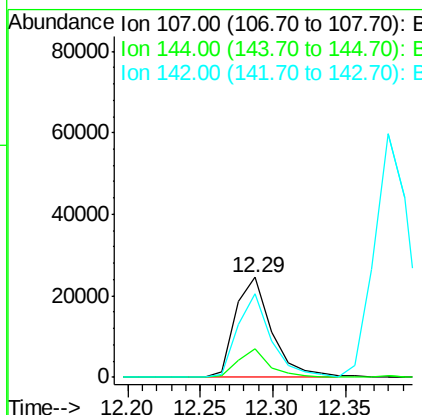
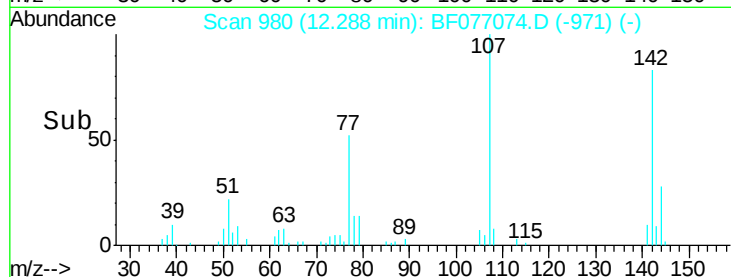
SB-84(17-19)MSD



Tgt Ion:	107	Resp:	42573
Ion Ratio	Lower	Upper	
107	100		
144	28.2	20.0	30.0
142	83.2	63.5	95.3

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#37

2-Methylnaphthalene

Concen: 27.29 ng

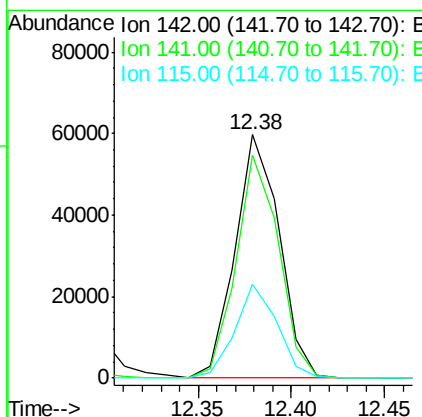
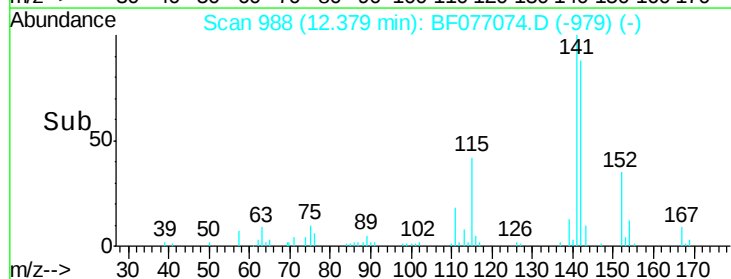
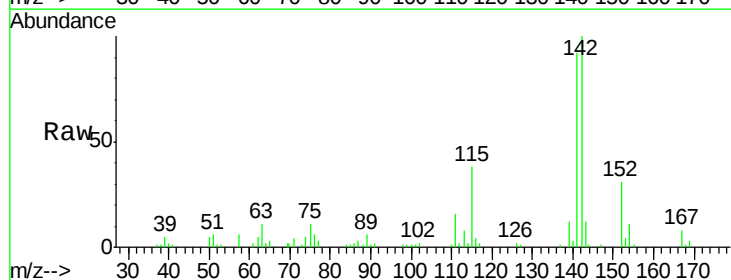
RT: 12.38 min Scan# 988

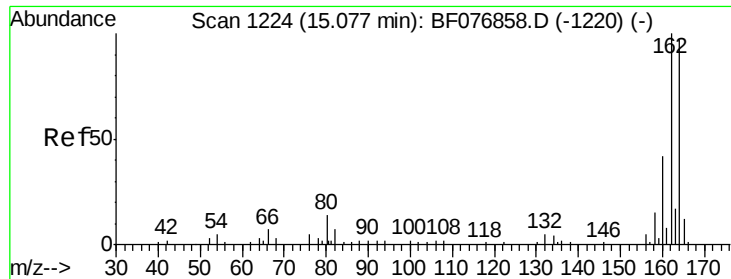
Delta R.T. 0.00 min

Lab File: BF077074.D

Acq: 27 Jan 2015 5:23

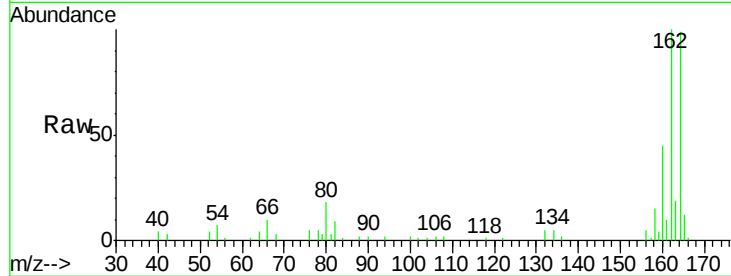
Tgt Ion:	142	Resp:	98445
Ion Ratio	Lower	Upper	
142	100		
141	91.8	74.5	111.7
115	38.4	29.7	44.5





#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 1200
Delta R.T. 0.00 min
Lab File: BF077074.D
Acq: 27 Jan 2015 5:23

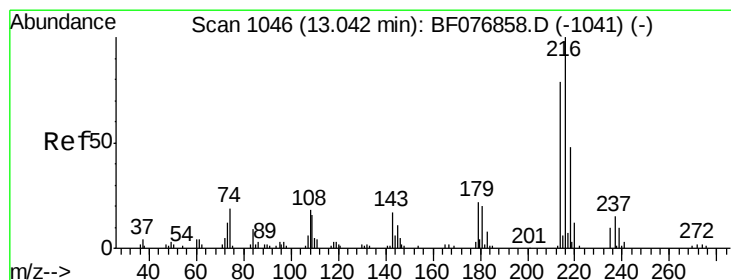
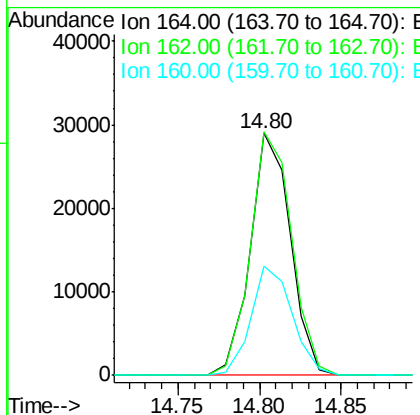
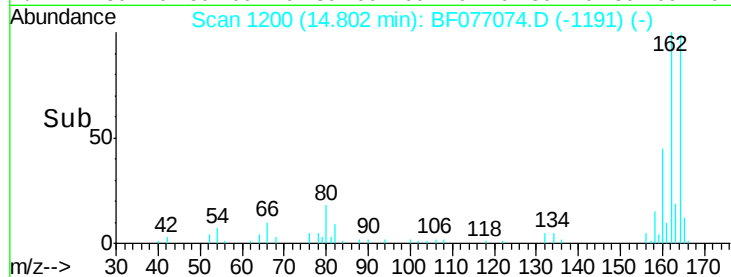
Instrument :
BNA_F
ClientSampleId :
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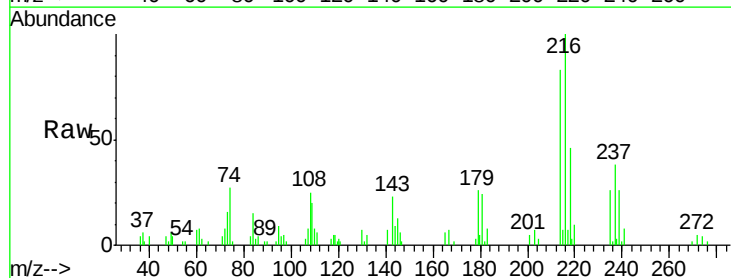
Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	100.6	49492	82.4	123.6
160	45.2		34.8	52.2

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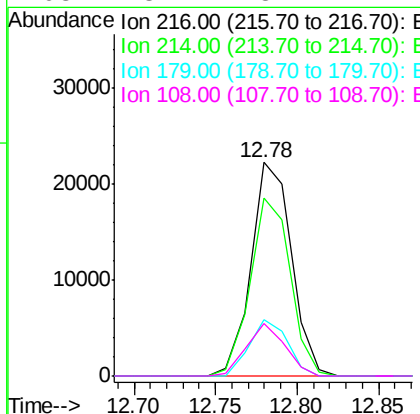
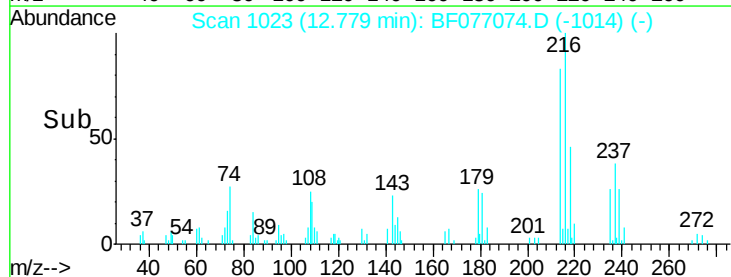
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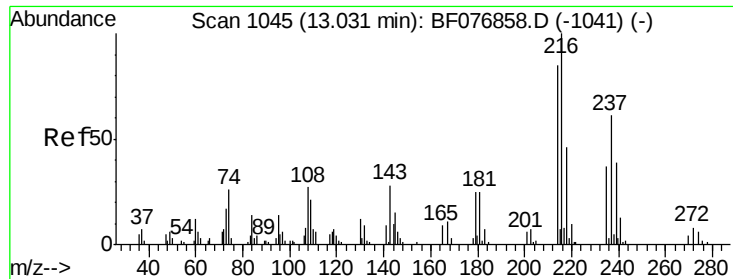


#39
1,2,4,5-Tetrachlorobenzene
Concen: 31.27 ng
RT: 12.78 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF077074.D
Acq: 27 Jan 2015 5:23



Tgt Ion	Ratio	Resp	Lower	Upper
216	100	38261		
214	82.6		64.9	97.3
179	25.2		18.6	28.0
108	23.4		18.1	27.1





#40

Hexachlorocyclopentadiene

Concen: 28.96 ng

RT: 12.77 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BF077074.D

Acq: 27 Jan 2015 5:23

Instrument :

BNA_F

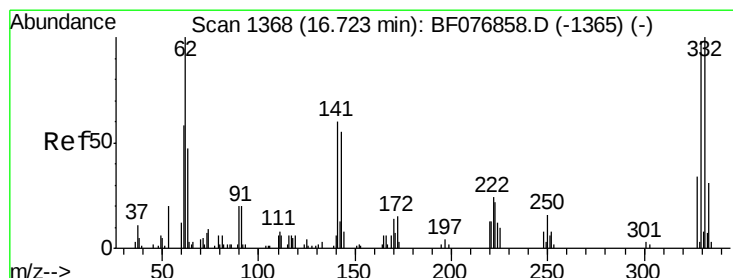
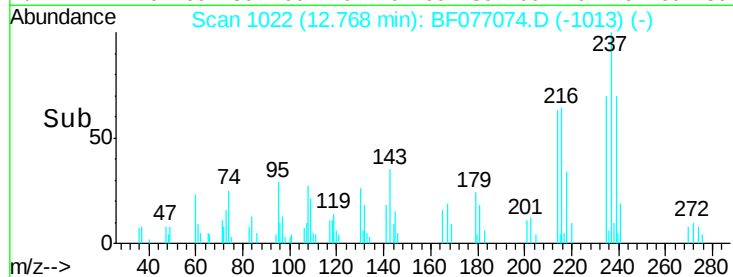
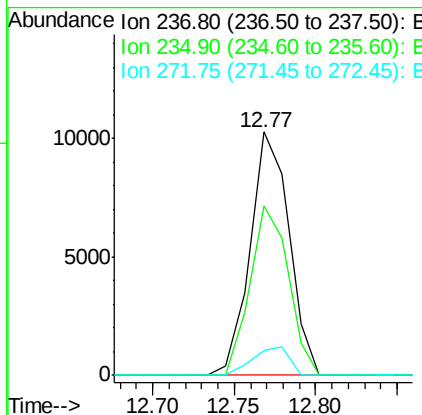
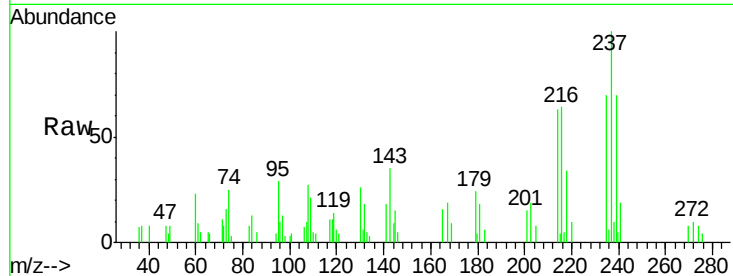
ClientSampleId :

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Tgt Ion:	237	Resp:	17036
Ion Ratio	Lower	Upper	
237	100		
235	69.6	40.4	80.4
272	10.0	0.0	33.2

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#41

2,4,6-Tribromophenol

Concen: 91.16 ng

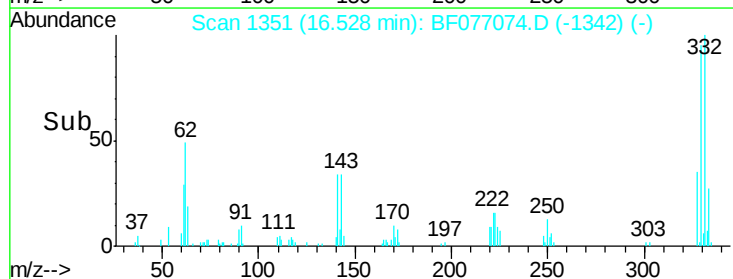
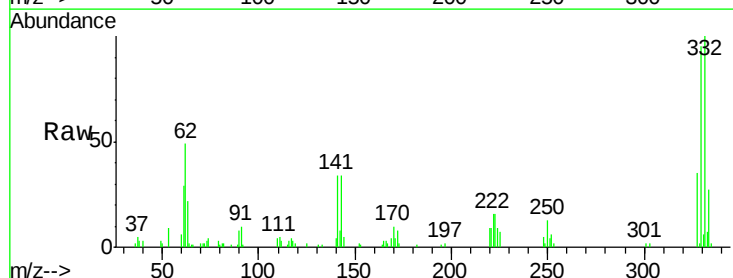
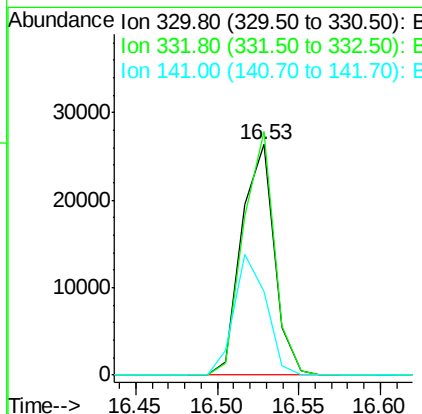
RT: 16.53 min Scan# 1351

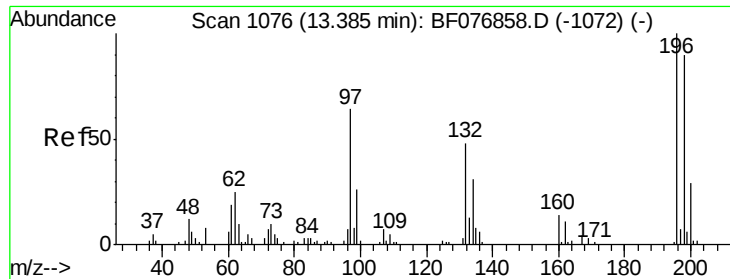
Delta R.T. 0.00 min

Lab File: BF077074.D

Acq: 27 Jan 2015 5:23

Tgt Ion:	330	Resp:	36624
Ion Ratio	Lower	Upper	
330	100		
332	100.3	77.8	116.6
141	51.1	38.5	57.7





#42

2,4,6-Trichlorophenol

Concen: 30.19 ng

RT: 13.13 min Scan# 1054

Delta R.T. 0.00 min

Lab File: BF077074.D

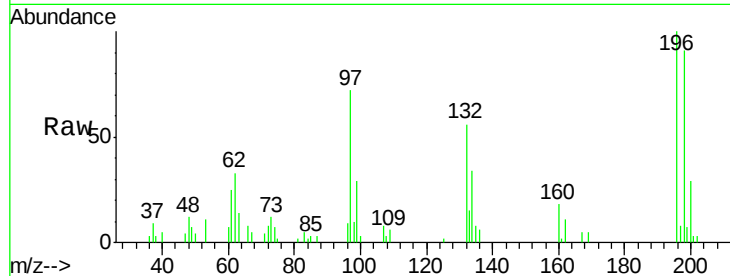
Acq: 27 Jan 2015 5:23

Instrument :

BNA_F

ClientSampleId :

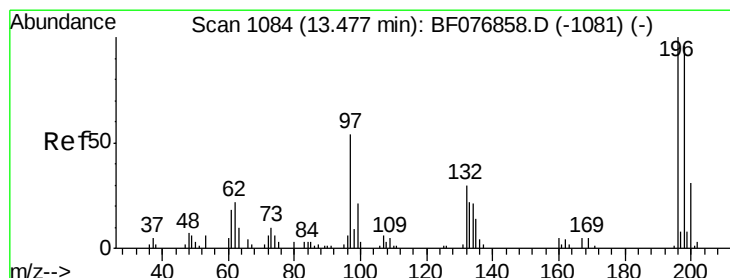
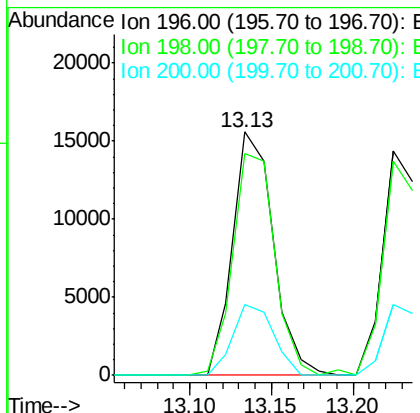
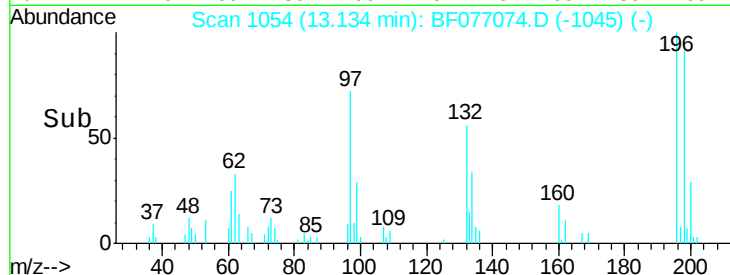
SB-84(17-19)MSD



Tgt Ion:	196	Resp:	26916
Ion Ratio	Lower	Upper	
196	100		
198	91.1	72.0	108.0
200	29.0	23.4	35.2

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#43

2,4,5-Trichlorophenol

Concen: 30.19 ng

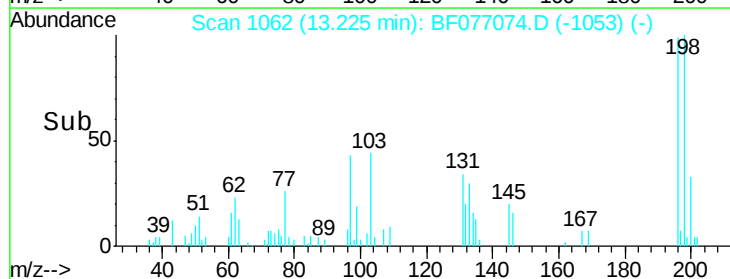
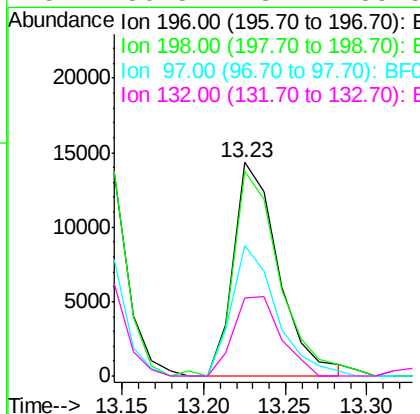
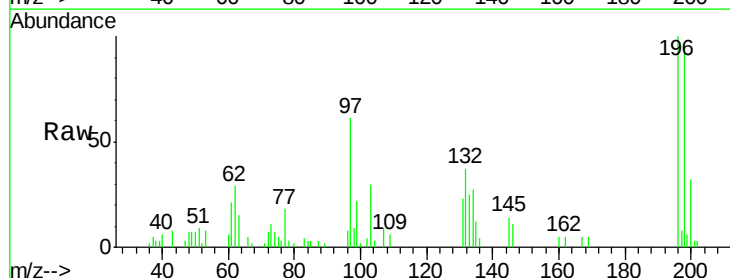
RT: 13.23 min Scan# 1062

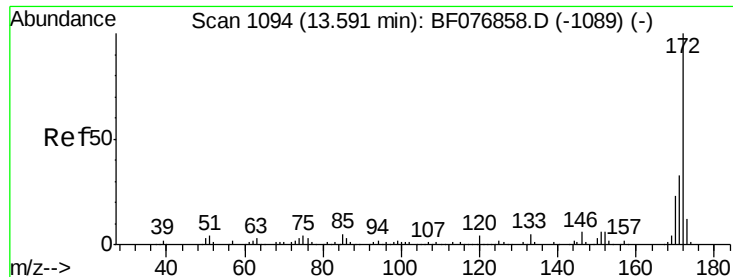
Delta R.T. 0.00 min

Lab File: BF077074.D

Acq: 27 Jan 2015 5:23

Tgt Ion:	196	Resp:	27456
Ion Ratio	Lower	Upper	
196	100		
198	95.6	76.6	115.0
97	61.1	43.4	65.0
132	36.8	23.7	35.5#





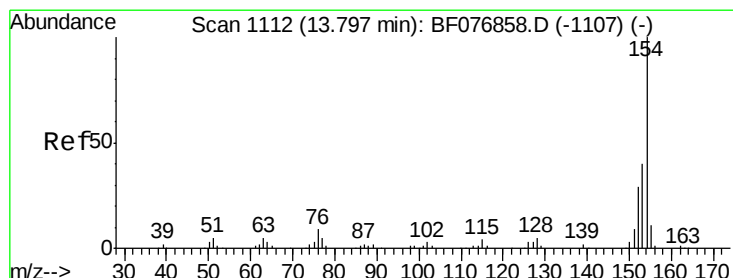
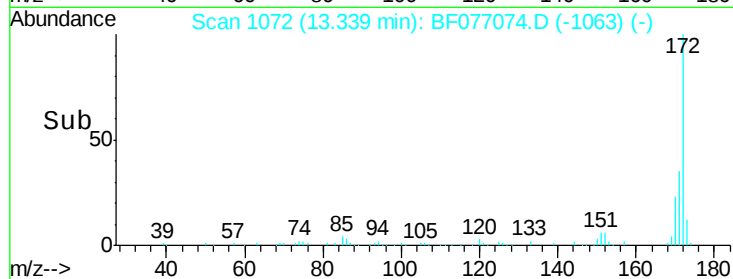
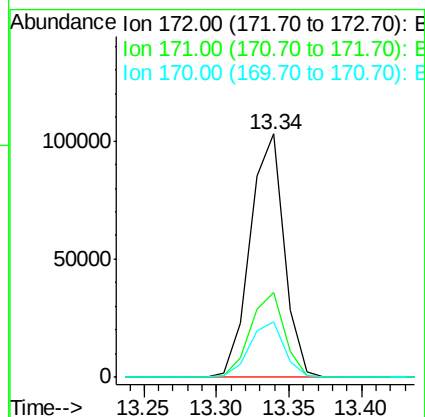
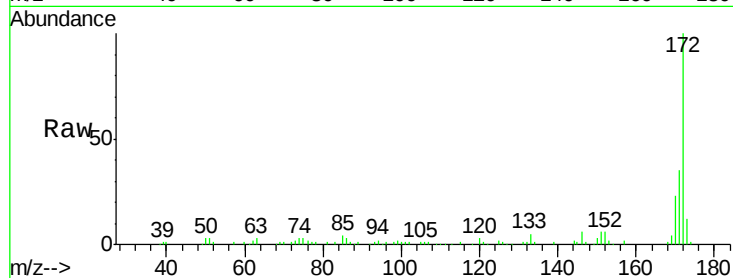
#44
2-Fluorobiphenyl
Concen: 51.36 ng
RT: 13.34 min Scan# 1072
Delta R.T. 0.00 min
Lab File: BF077074.D
Acq: 27 Jan 2015 5:23

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

Tgt Ion:	172	Resp:	167041
Ion Ratio	Lower	Upper	
172	100		
171	34.6	26.6	40.0
170	22.7	18.0	27.0

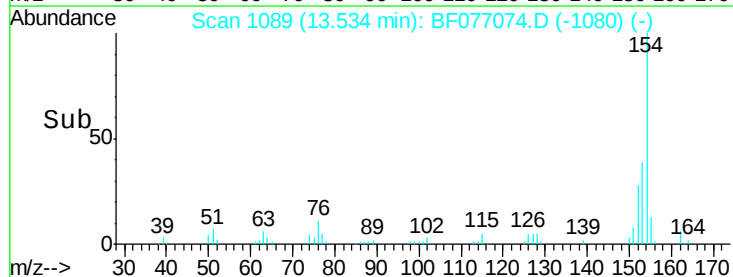
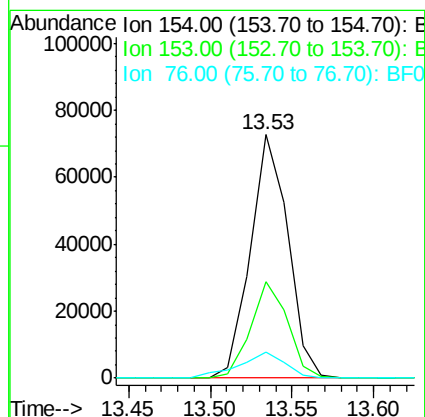
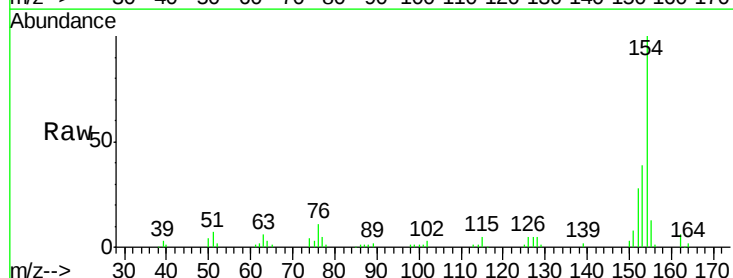
Manual Integrations
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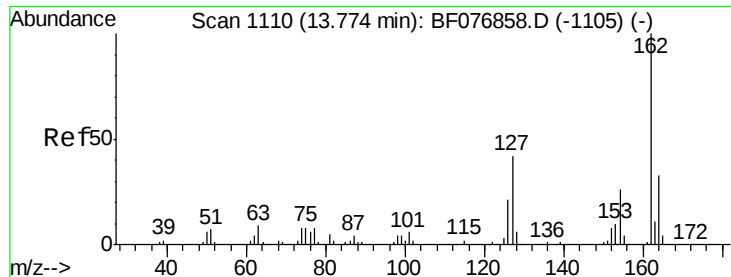
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#45
1,1'-Biphenyl
Concen: 31.69 ng
RT: 13.53 min Scan# 1089
Delta R.T. 0.00 min
Lab File: BF077074.D
Acq: 27 Jan 2015 5:23

Tgt Ion:	154	Resp:	116255
Ion Ratio	Lower	Upper	
154	100		
153	39.4	20.2	60.2
76	10.8	0.0	29.0





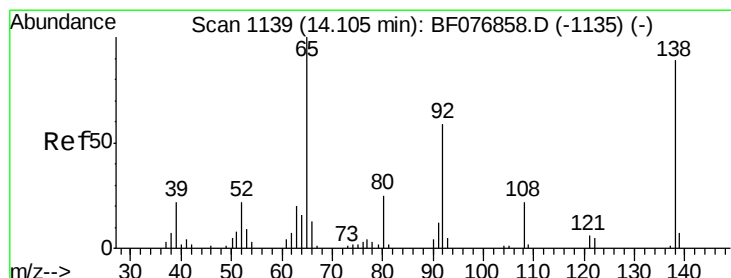
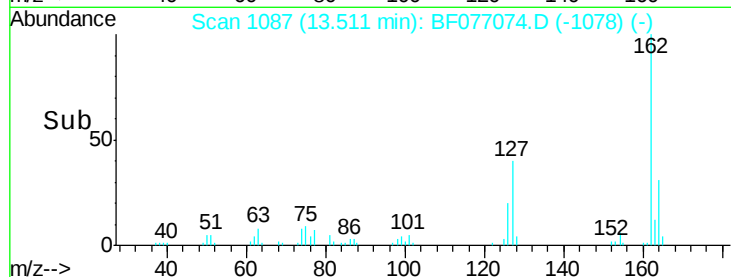
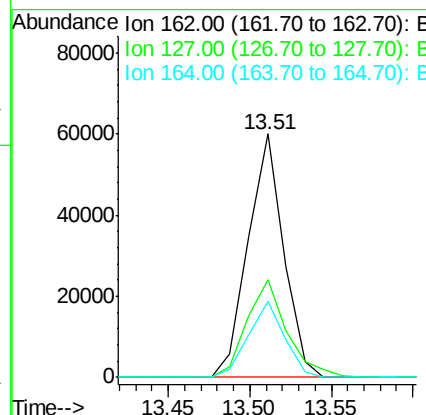
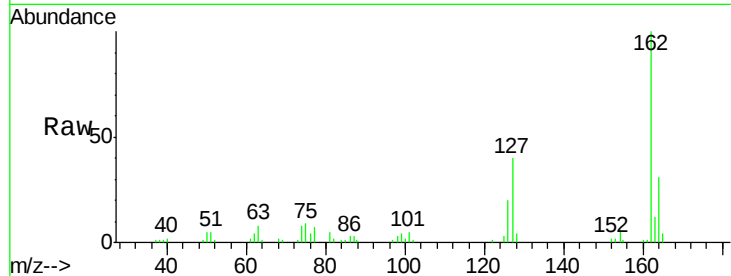
#46
2-Chloronaphthalene
Concen: 30.01 ng
RT: 13.51 min Scan# 1087
Delta R.T. 0.00 min
Lab File: BF077074.D
Acq: 27 Jan 2015 5:23

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

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.2	33.8	50.6
164	31.1	26.8	40.2

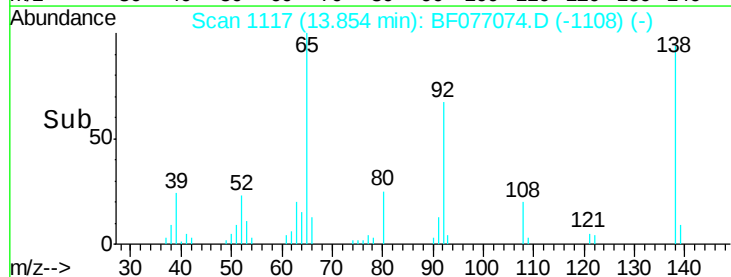
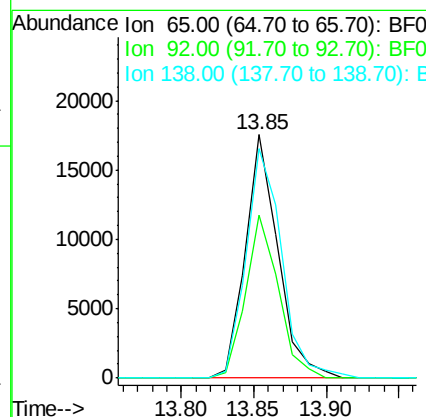
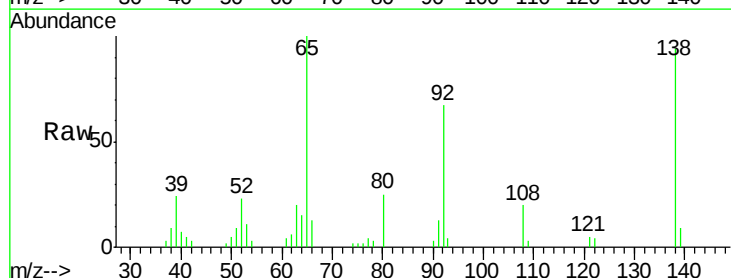
Manual Integrations
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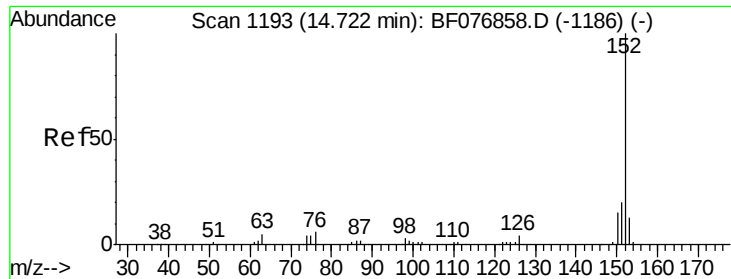
apatel
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#47
2-Nitroaniline
Concen: 29.92 ng
RT: 13.85 min Scan# 1117
Delta R.T. 0.00 min
Lab File: BF077074.D
Acq: 27 Jan 2015 5:23

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.8	47.3	70.9
138	94.5	71.4	107.2





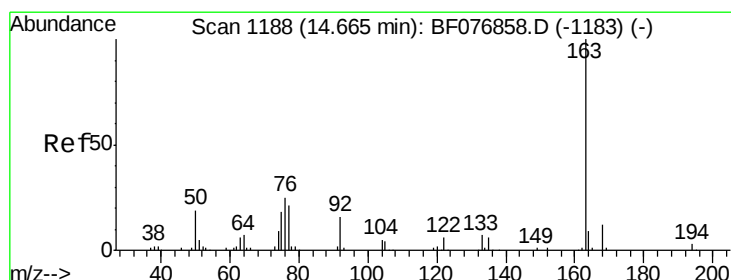
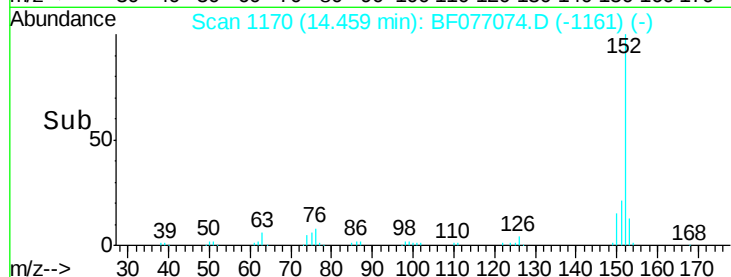
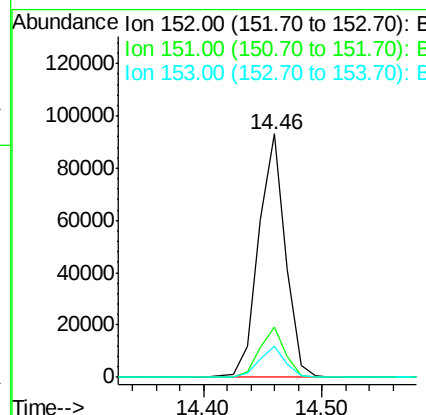
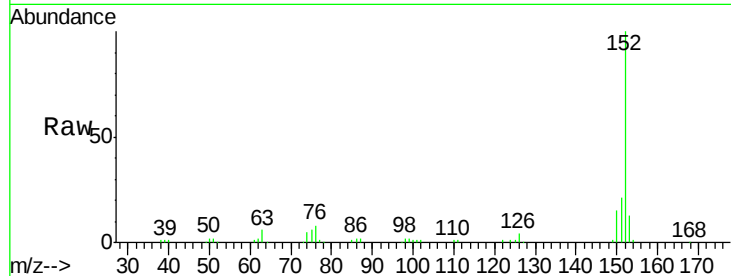
#48
Acenaphthylene
Concen: 28.93 ng
RT: 14.46 min Scan# 1170
Delta R.T. 0.00 min
Lab File: BF077074.D
Acq: 27 Jan 2015 5:23

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

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	147341		
151	20.5	15.9	23.9	
153	12.6	10.2	15.4	

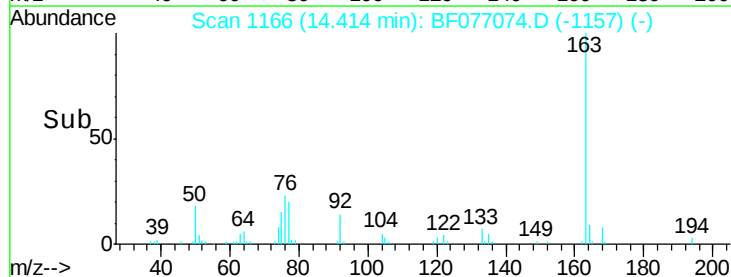
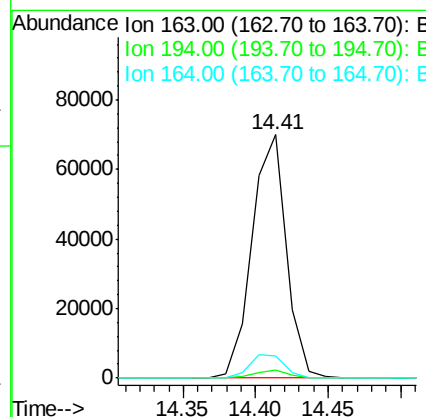
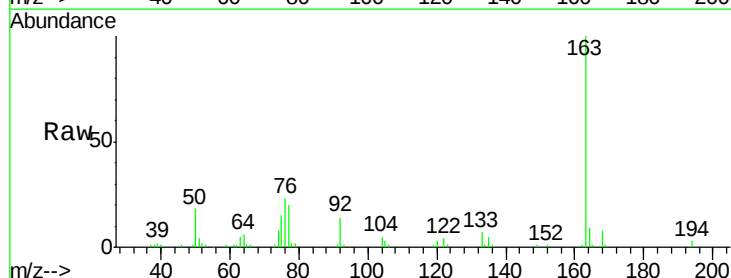
Manual Integrations
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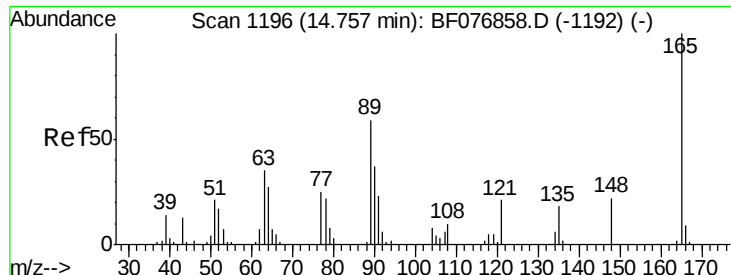
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#49
Dimethylphthalate
Concen: 32.60 ng
RT: 14.41 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BF077074.D
Acq: 27 Jan 2015 5:23

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	114417		
194	3.3	2.6	4.0	
164	9.0	7.5	11.3	





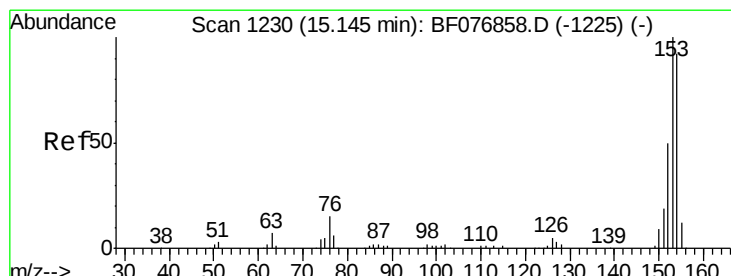
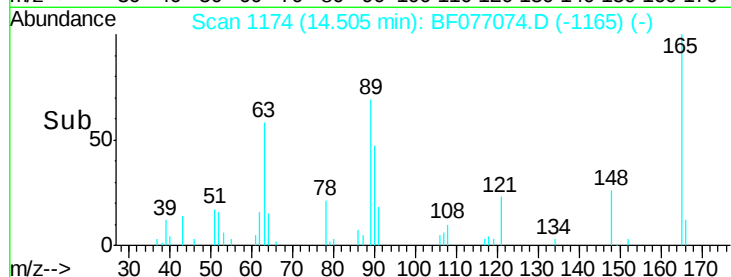
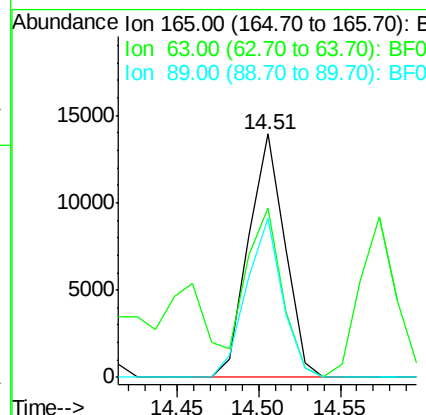
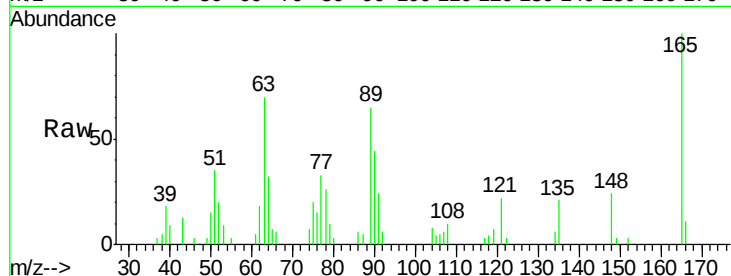
#50
 2,6-Dinitrotoluene
 Concen: 30.58 ng
 RT: 14.51 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF077074.D
 Acq: 27 Jan 2015 5:23

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

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	21447		
63	69.5	48.1	72.1	
89	65.2	47.2	70.8	

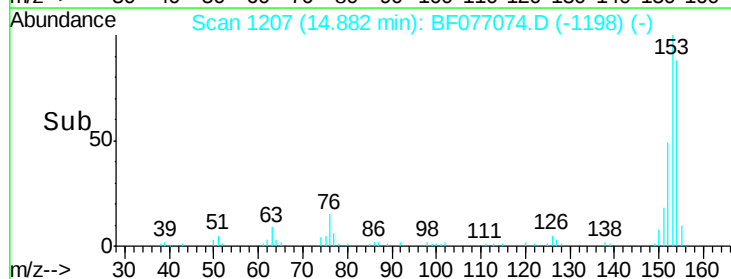
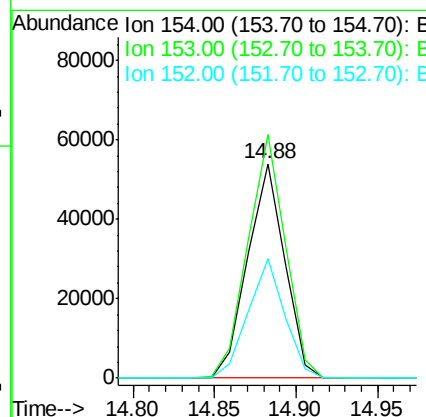
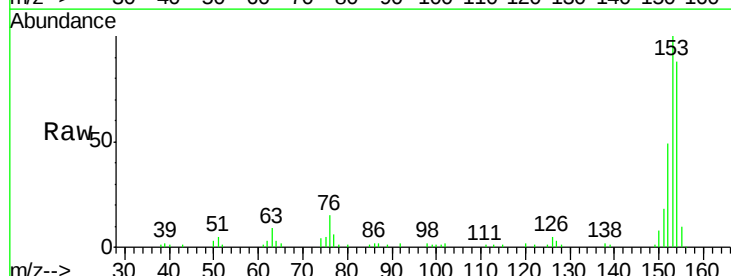
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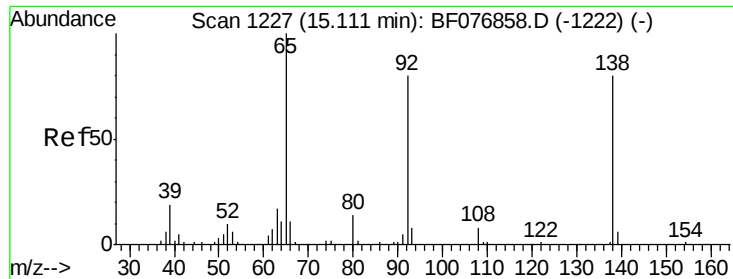
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#51
 Acenaphthene
 Concen: 29.45 ng
 RT: 14.88 min Scan# 1207
 Delta R.T. 0.00 min
 Lab File: BF077074.D
 Acq: 27 Jan 2015 5:23

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	85094		
153	113.6	87.0	130.6	
152	55.9	43.5	65.3	





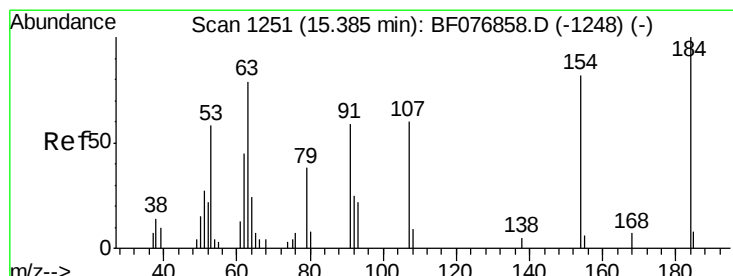
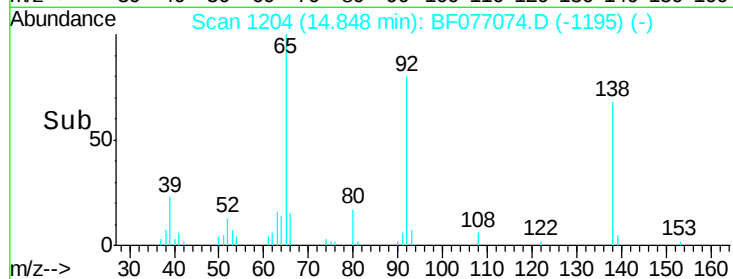
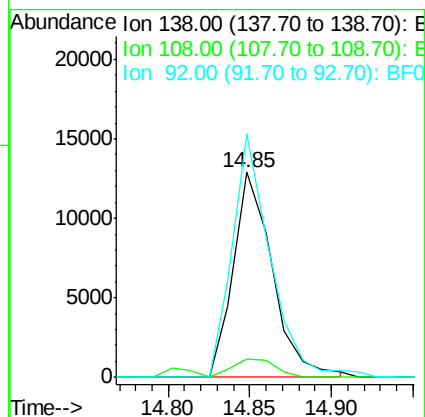
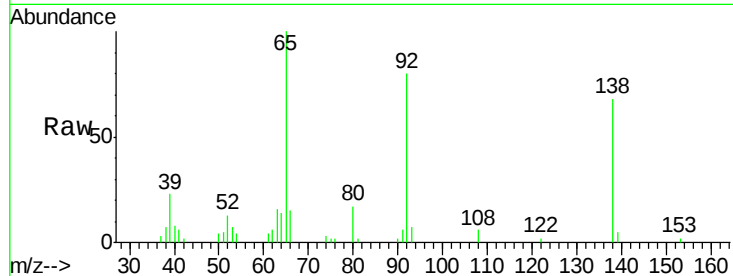
#52
3-Nitroaniline
Concen: 24.28 ng
RT: 14.85 min Scan# 1204
Delta R.T. 0.00 min
Lab File: BF077074.D
Acq: 27 Jan 2015 5:23

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

Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.1	8.3	12.5
92	118.8	80.9	121.3

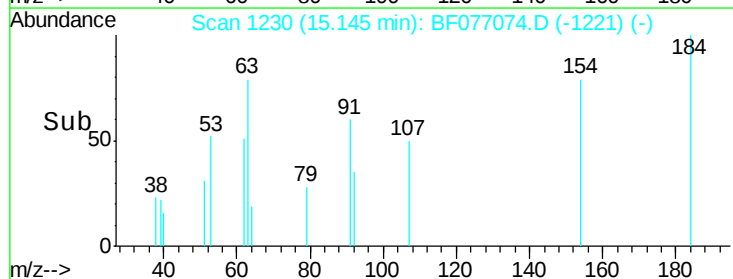
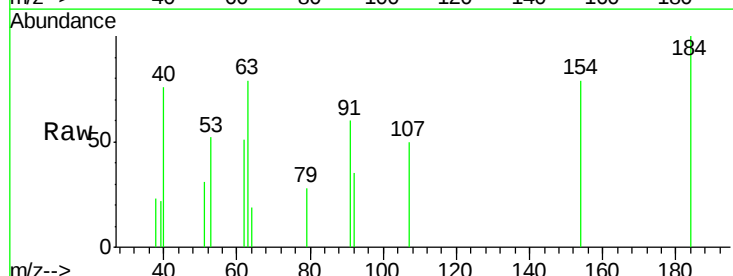
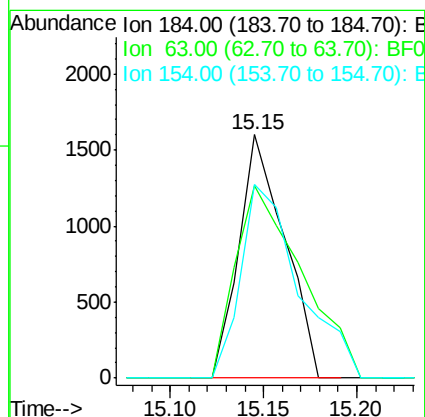
Manual Integrations
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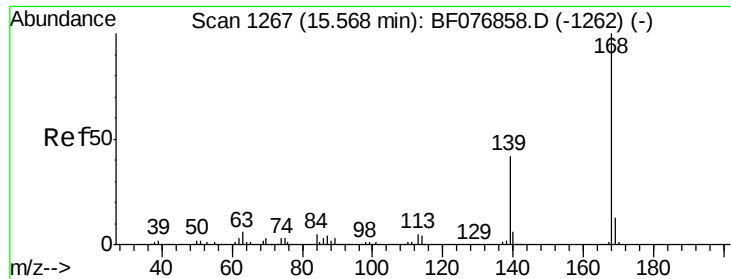
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#53
2,4-Dinitrophenol
Concen: 18.83 ng
RT: 15.15 min Scan# 1230
Delta R.T. 0.00 min
Lab File: BF077074.D
Acq: 27 Jan 2015 5:23

Tgt Ion	Ratio	Lower	Upper
184	100		
63	79.1	63.0	94.6
154	79.4	65.5	98.3





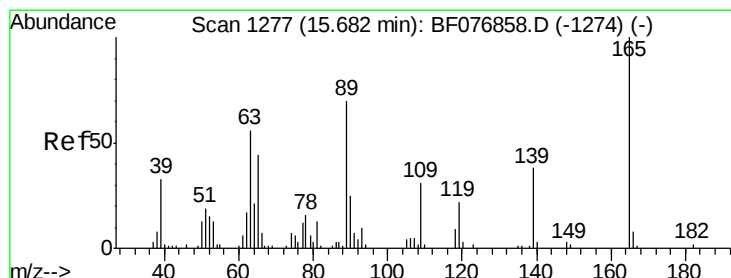
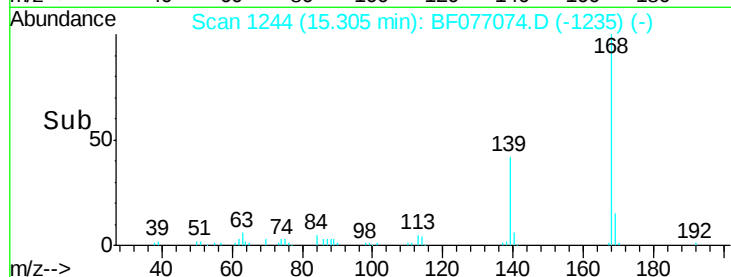
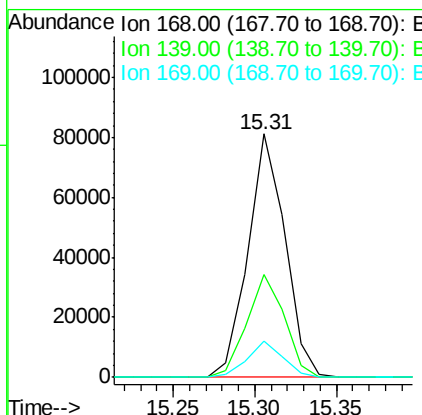
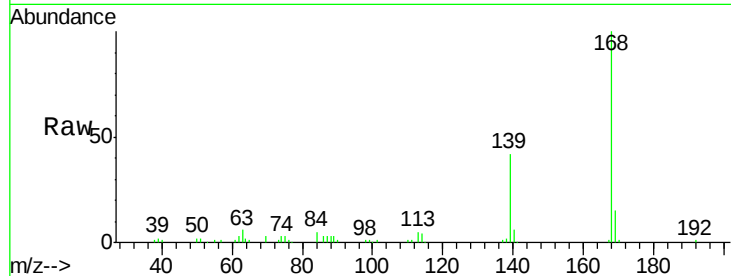
#54
Dibenzofuran
Concen: 30.46 ng
RT: 15.31 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BF077074.D
Acq: 27 Jan 2015 5:23

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

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	128225		
139	42.3	33.4	50.2	
169	15.0	10.6	15.8	

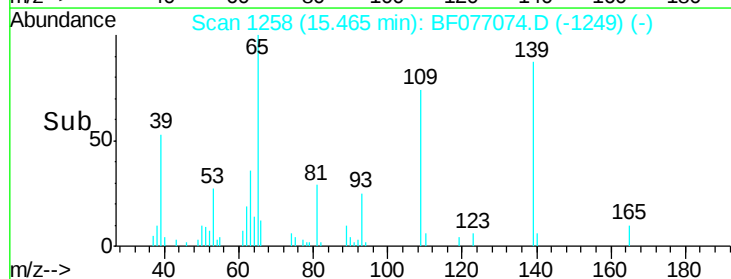
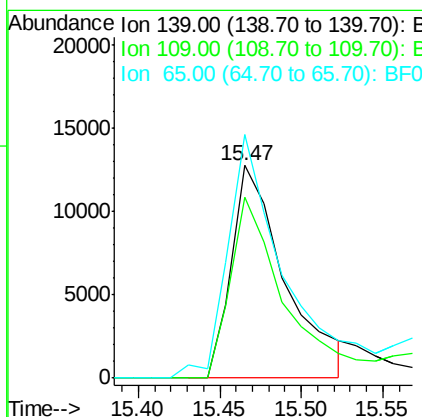
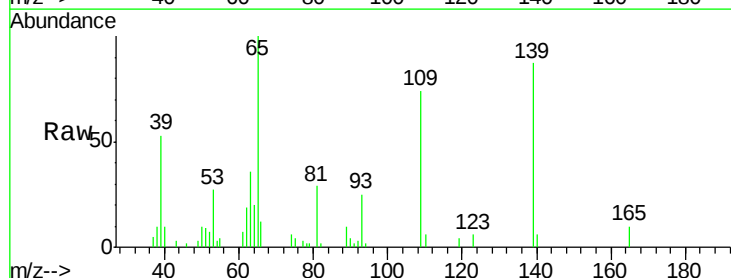
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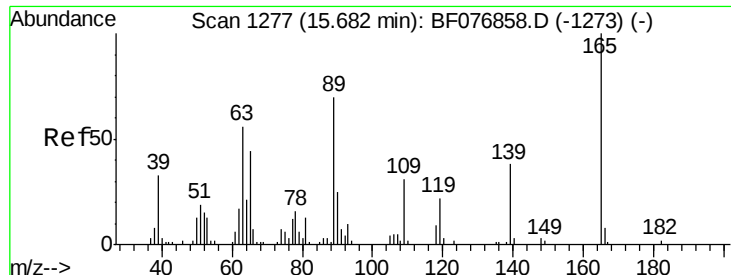
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#55
4-Nitrophenol
Concen: 53.03 ng
RT: 15.47 min Scan# 1258
Delta R.T. 0.00 min
Lab File: BF077074.D
Acq: 27 Jan 2015 5:23

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	29175		
109	85.2	61.0	101.0	
65	114.5	96.6	136.6	





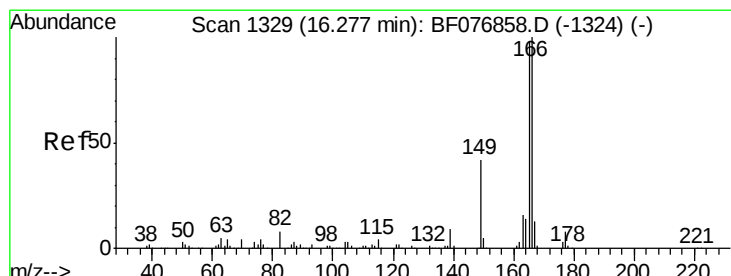
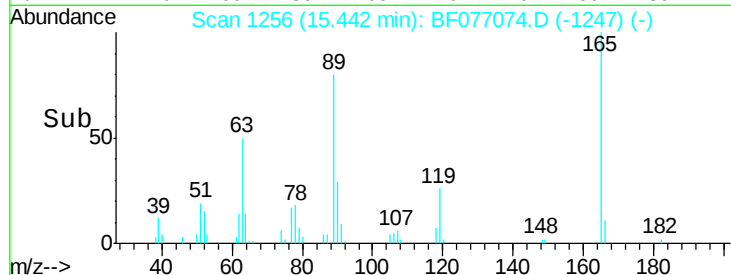
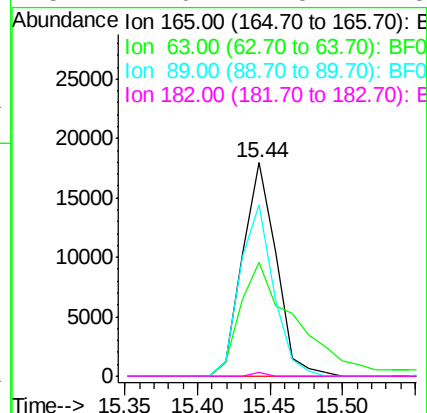
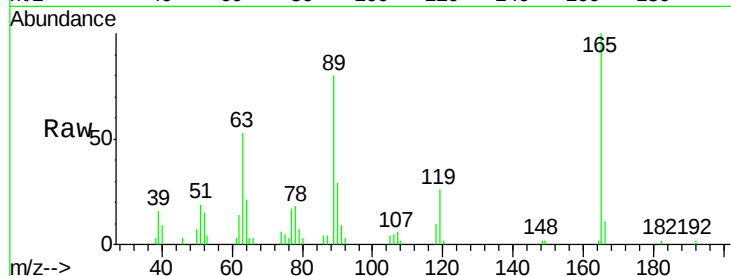
#56
2,4-Dinitrotoluene
Concen: 28.52 ng
RT: 15.44 min Scan# 1256
Delta R.T. 0.00 min
Lab File: BF077074.D
Acq: 27 Jan 2015 5:23

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

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	29044		
63	53.1	44.8	67.2	
89	80.5	56.2	84.2	
182	1.9	1.5	2.3	

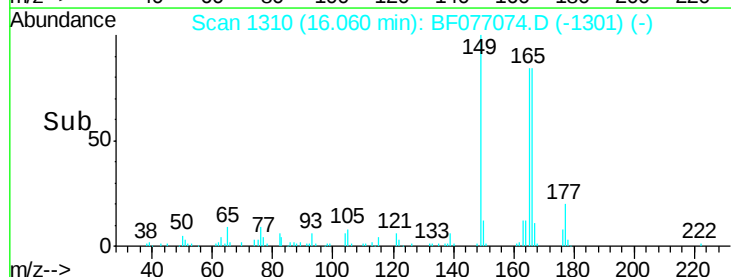
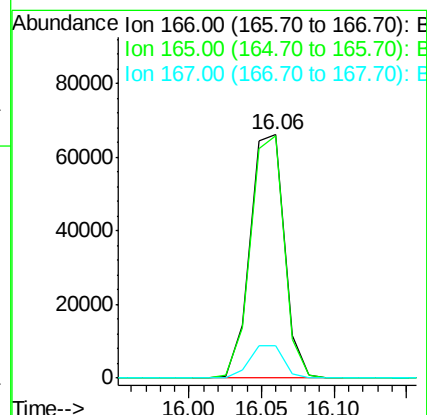
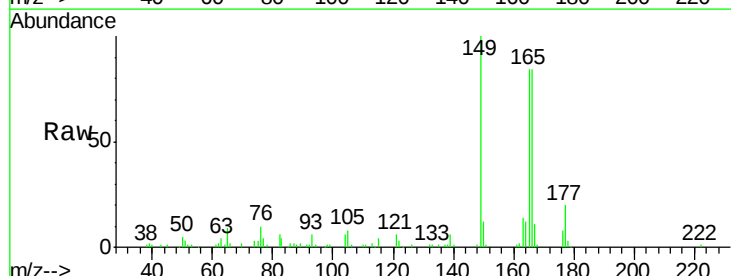
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#57
Fluorene
Concen: 30.25 ng
RT: 16.06 min Scan# 1310
Delta R.T. 0.00 min
Lab File: BF077074.D
Acq: 27 Jan 2015 5:23

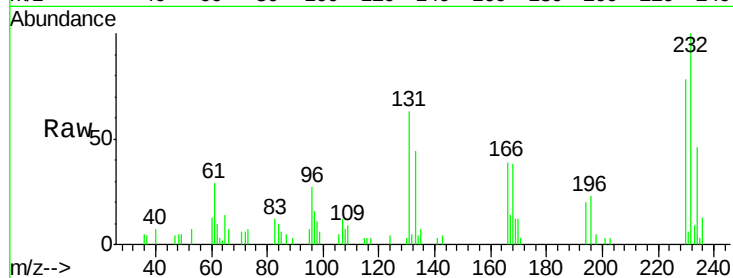
Tgt Ion	Ratio	Resp	Lower	Upper
166	100	107865		
165	99.8	78.5	117.7	
167	13.5	10.4	15.6	





#58
 2,3,4,6-Tetrachlorophenol
 Concen: 34.12 ng
 RT: 15.66 min Scan# 1275
 Delta R.T. 0.00 min
 Lab File: BF077074.D
 Acq: 27 Jan 2015 5:23

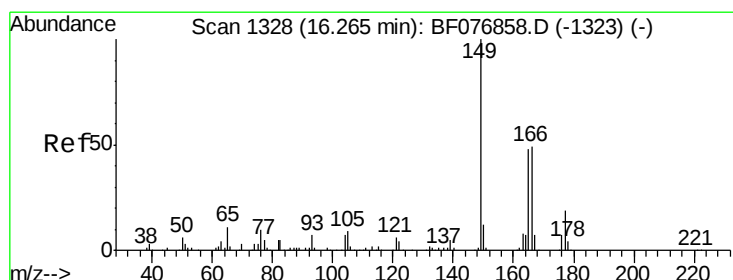
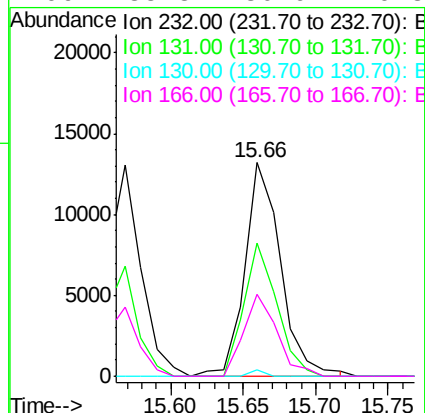
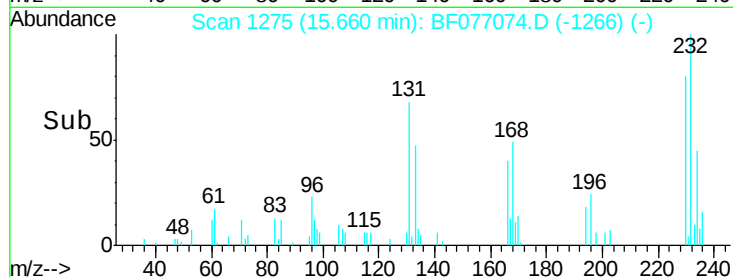
Instrument :
 BNA_F
 ClientSampleId :
 SB-84(17-19)MSD



Tgt Ion	Ratio	Lower	Upper
232	100		
131	57.4	45.0	67.6
130	1.1	2.6	3.8
166	35.8	30.9	46.3

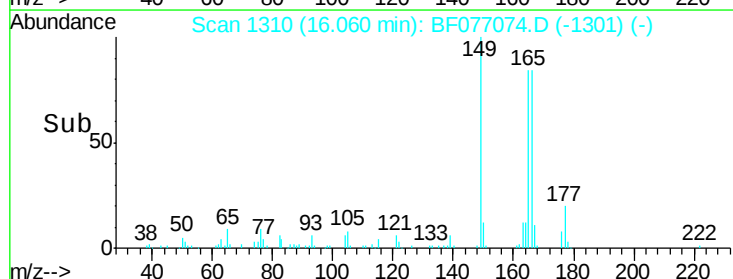
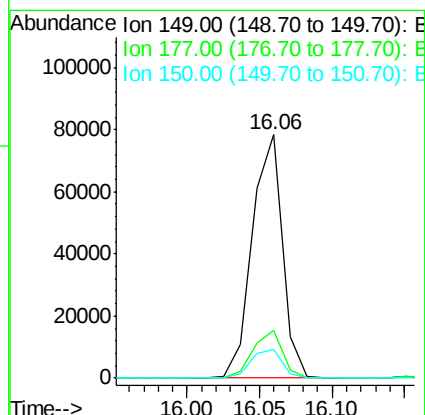
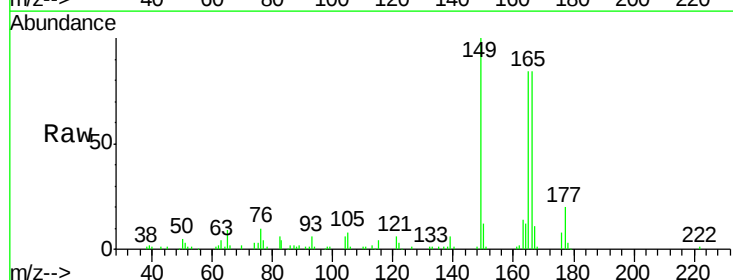
Manual Integrations
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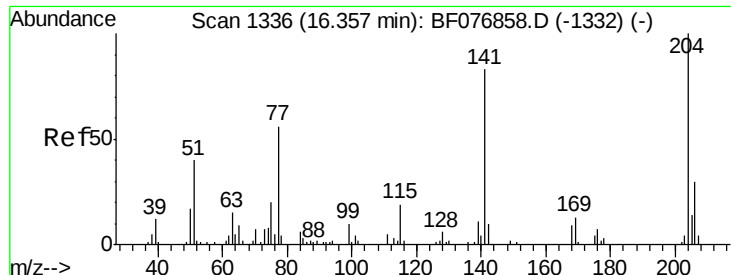
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#59
 Diethylphthalate
 Concen: 31.86 ng
 RT: 16.06 min Scan# 1310
 Delta R.T. 0.00 min
 Lab File: BF077074.D
 Acq: 27 Jan 2015 5:23

Tgt Ion	Ratio	Lower	Upper
149	100		
177	19.6	15.0	22.6
150	12.0	9.4	14.0





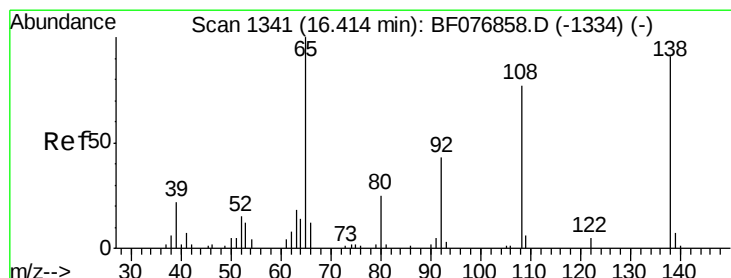
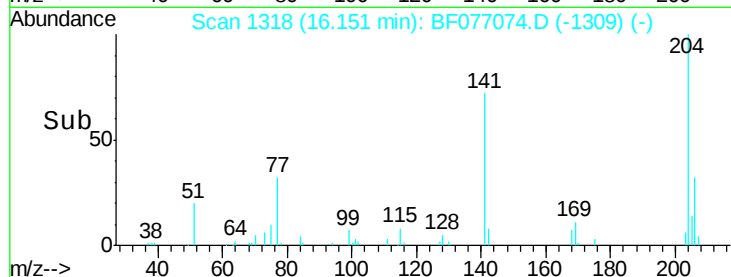
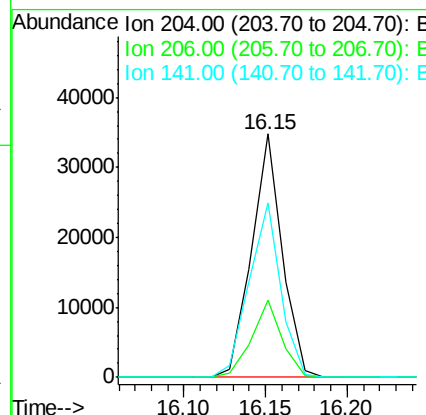
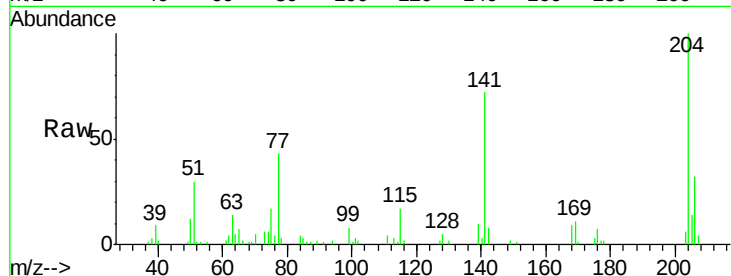
#60
 4-Chlorophenyl-phenylether
 Concen: 31.00 ng
 RT: 16.15 min Scan# 1318
 Delta R.T. 0.00 min
 Lab File: BF077074.D
 Acq: 27 Jan 2015 5:23

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

Tgt Ion	Ratio	Lower	Upper
204	100		
206	31.5	24.2	36.2
141	71.8	66.7	100.1

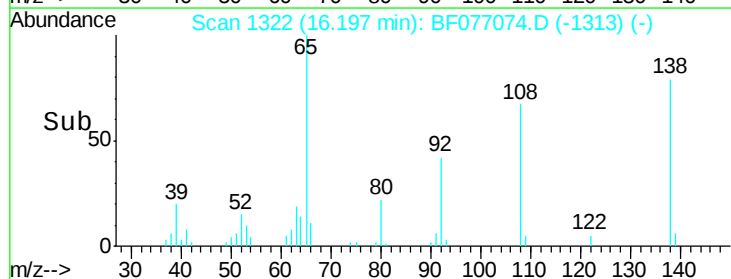
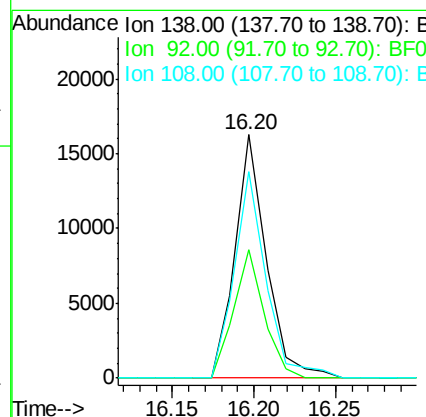
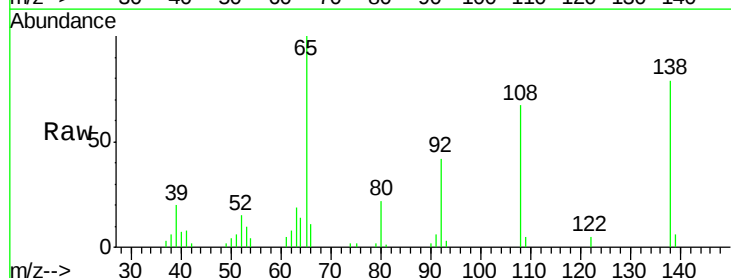
Manual Integrations
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#61
 4-Nitroaniline
 Concen: 25.12 ng
 RT: 16.20 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: BF077074.D
 Acq: 27 Jan 2015 5:23

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.7	26.7	66.7
108	84.9	64.5	104.5





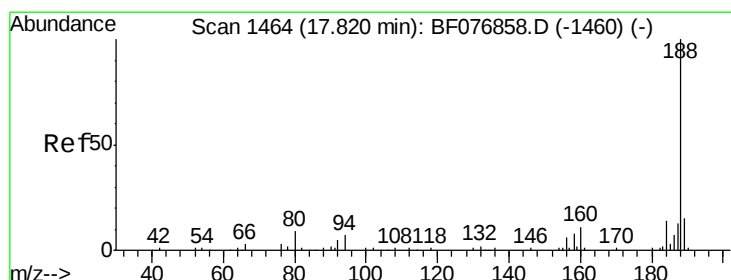
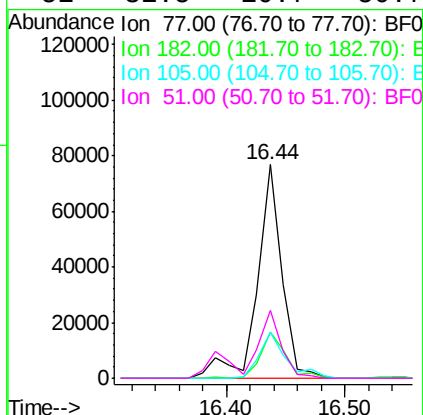
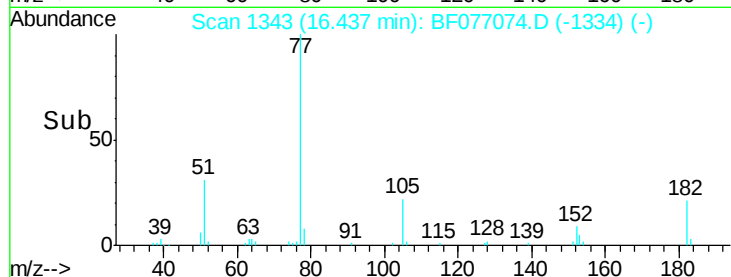
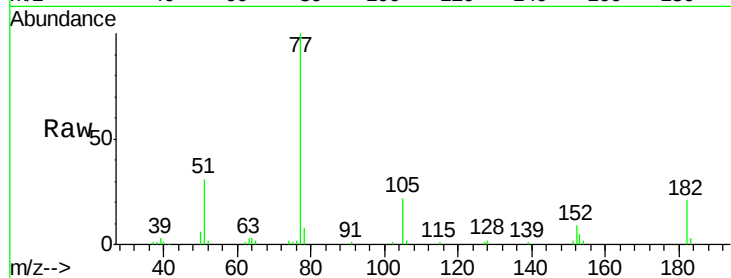
#62
Azobenzene
Concen: 30.21 ng
RT: 16.44 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BF077074.D
Acq: 27 Jan 2015 5:23

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

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	111657		
182	21.4	2.0	42.0	
105	21.6	2.3	42.3	
51	31.5	10.7	50.7	

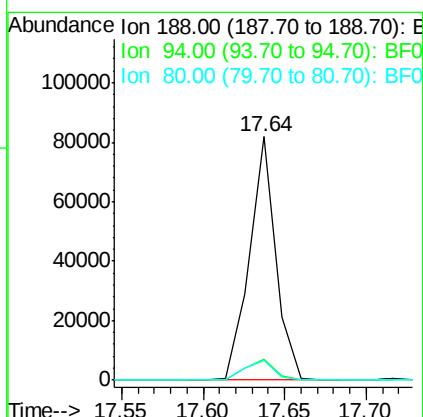
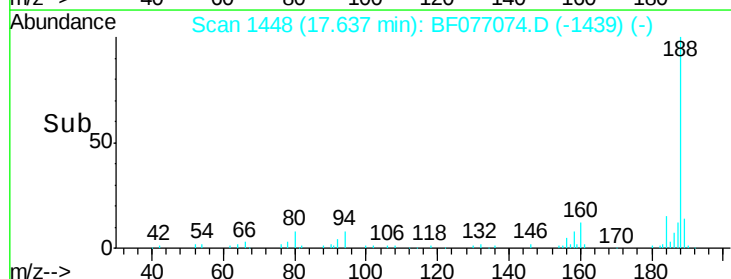
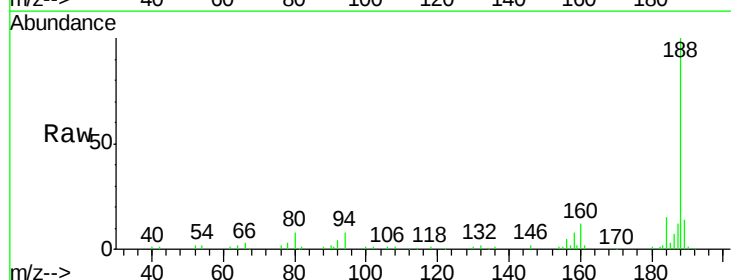
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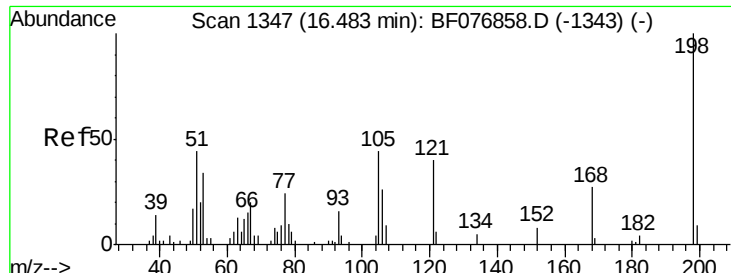
apatel
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.64 min Scan# 1448
Delta R.T. 0.00 min
Lab File: BF077074.D
Acq: 27 Jan 2015 5:23

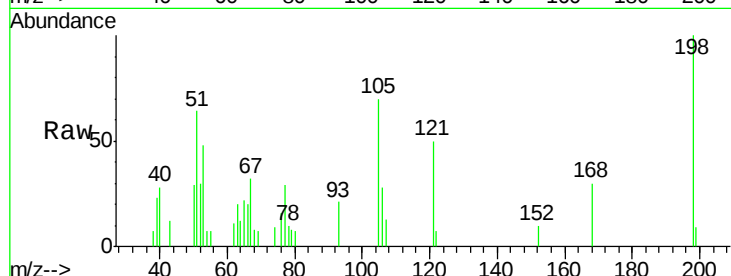
Tgt Ion	Ratio	Resp	Lower	Upper
188	100	91656		
94	8.4	6.0	9.0	
80	8.0	6.9	10.3	





#64
 4,6-Dinitro-2-methylphenol
 Concen: 13.80 ng
 RT: 16.28 min Scan# 1329
 Delta R.T. 0.00 min
 Lab File: BF077074.D
 Acq: 27 Jan 2015 5:23

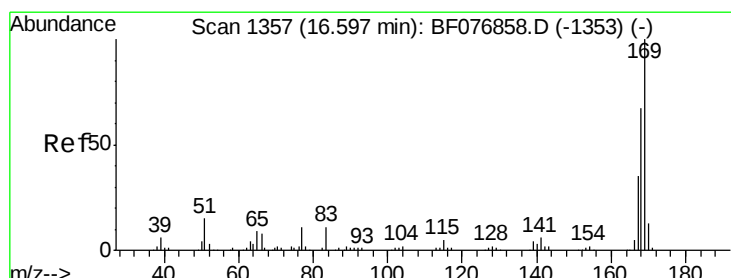
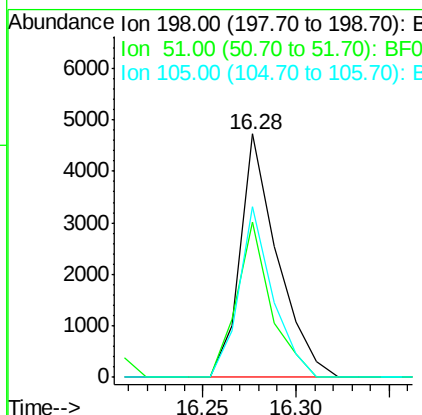
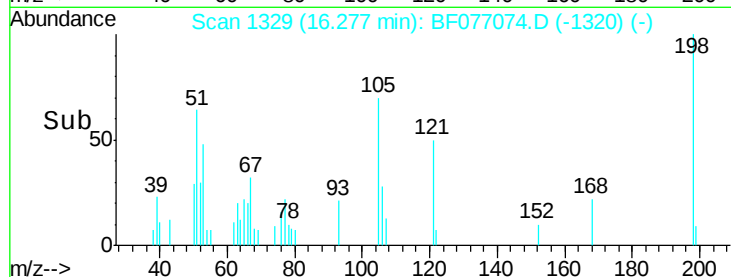
Instrument :
 BNA_F
 ClientSampleId :
 SB-84(17-19)MSD



Tgt Ion	Ratio	Resp	Lower	Upper
198	100	6637		
51	64.0	24.2	64.2	
105	70.0	24.0	64.0	

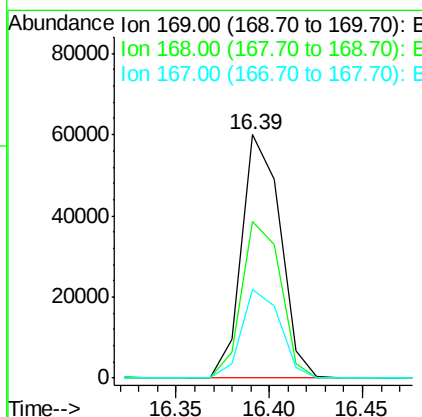
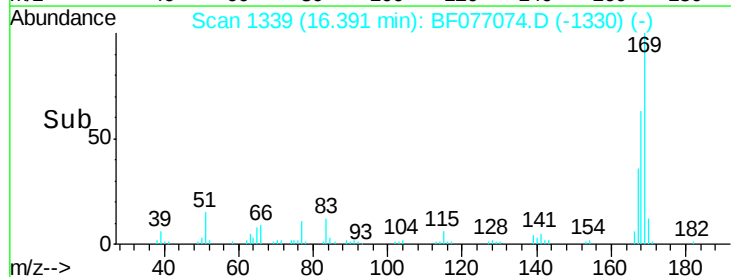
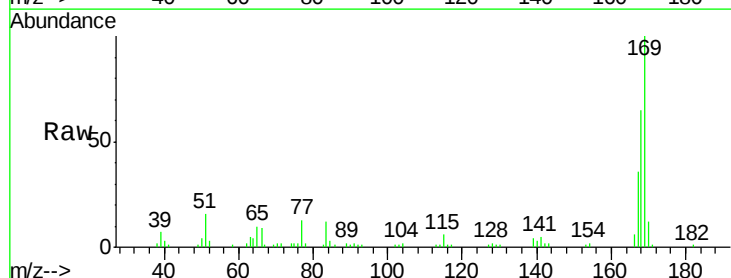
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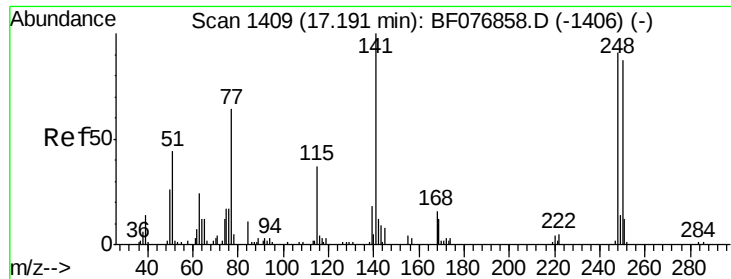
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#65
 n-Nitrosodiphenylamine
 Concen: 26.36 ng
 RT: 16.39 min Scan# 1339
 Delta R.T. 0.00 min
 Lab File: BF077074.D
 Acq: 27 Jan 2015 5:23

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	86135		
168	64.5	53.8	80.6	
167	36.4	27.8	41.6	





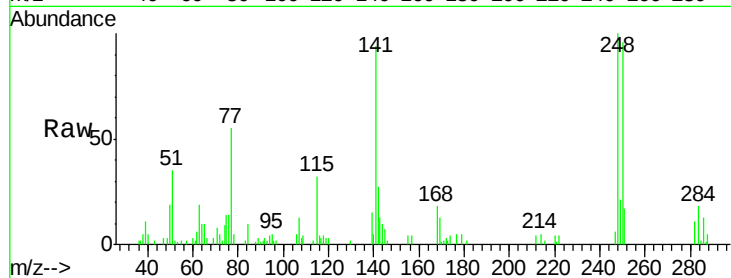
#66
4-Bromophenyl-phenylether
Concen: 28.49 ng
RT: 17.01 min Scan# 1393
Delta R.T. 0.00 min
Lab File: BF077074.D
Acq: 27 Jan 2015 5:23

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

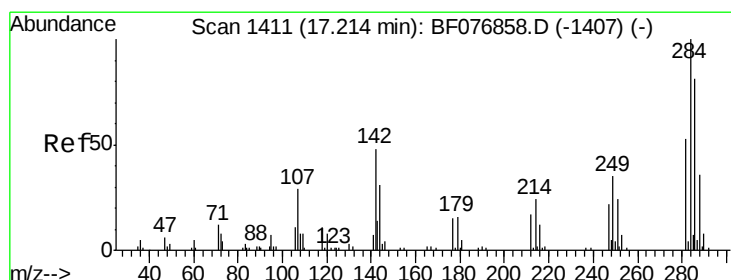
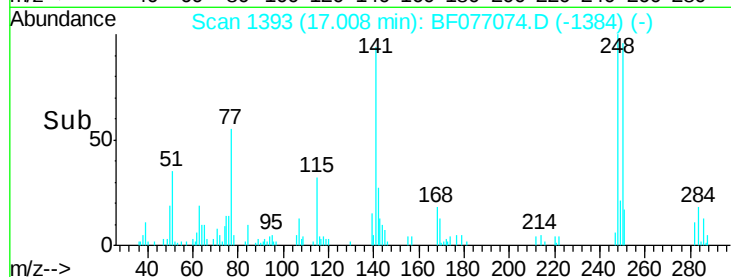
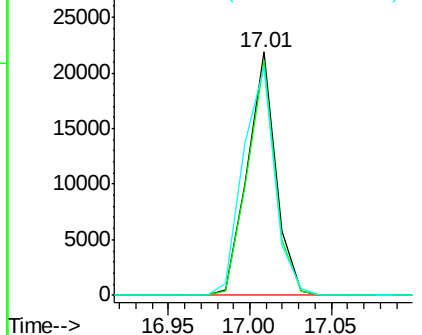
Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.2	77.1	115.7
141	93.5	88.2	132.4

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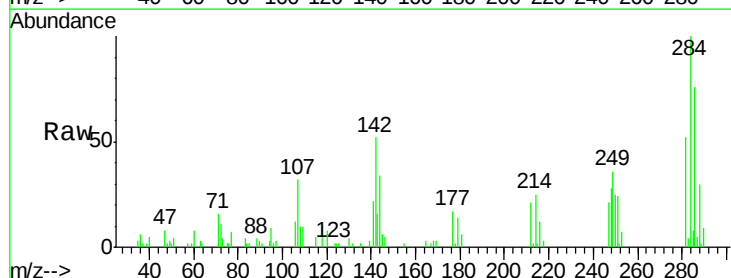


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

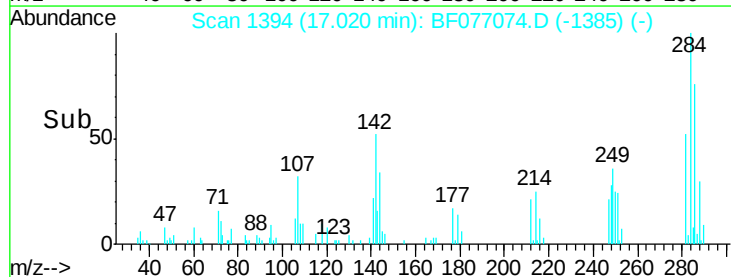
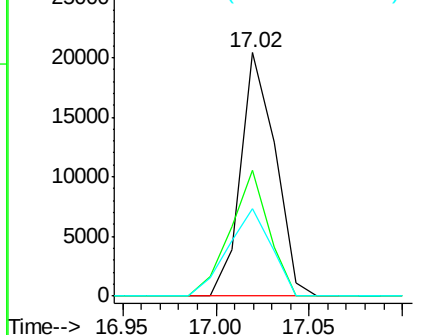


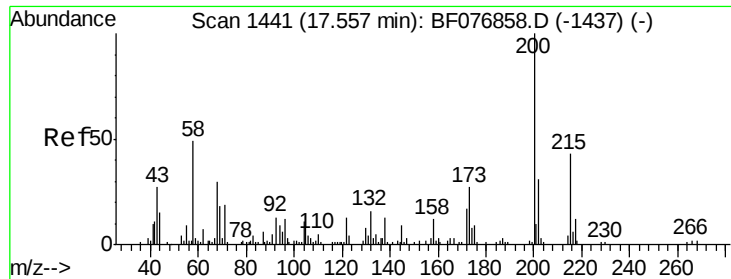
#67
Hexachlorobenzene
Concen: 26.90 ng
RT: 17.02 min Scan# 1394
Delta R.T. 0.00 min
Lab File: BF077074.D
Acq: 27 Jan 2015 5:23

Tgt Ion	Ratio	Lower	Upper
284	100		
142	51.8	38.2	57.4
249	36.0	28.2	42.2



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





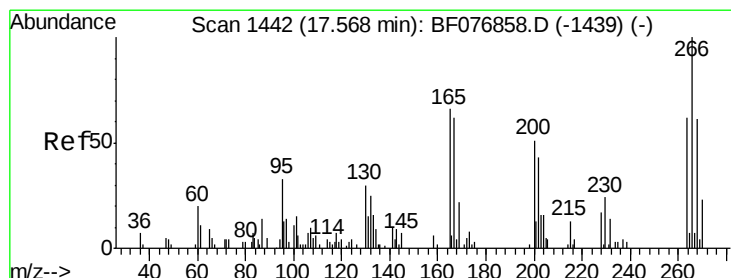
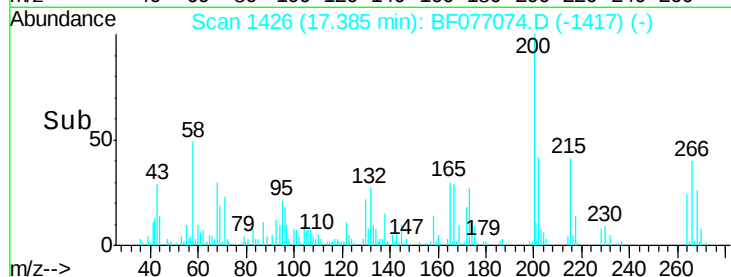
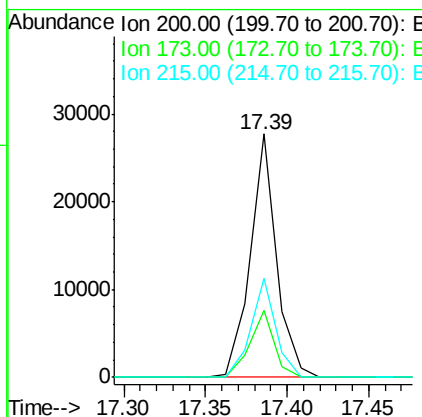
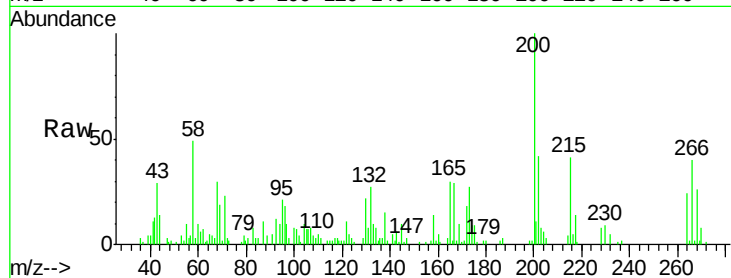
#68
Atrazine
Concen: 31.01 ng
RT: 17.39 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BF077074.D
Acq: 27 Jan 2015 5:23

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

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	27.3	6.6	46.6
215	40.9	22.9	62.9

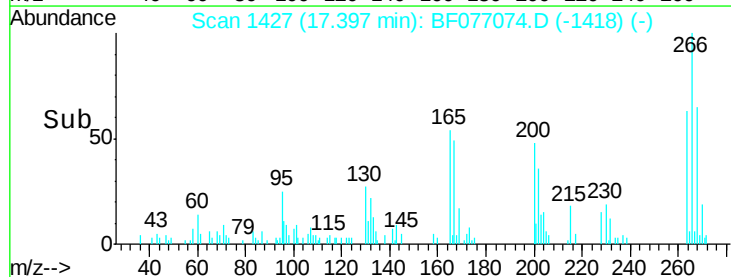
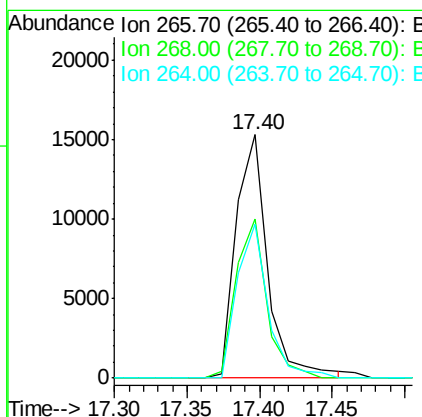
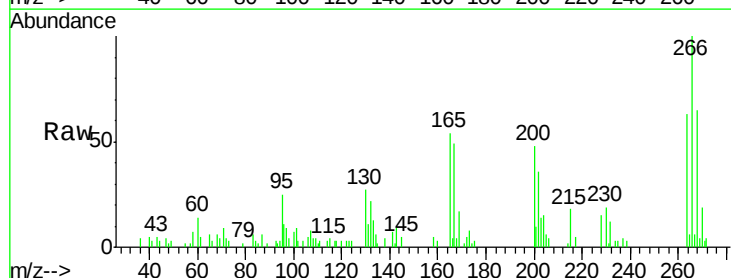
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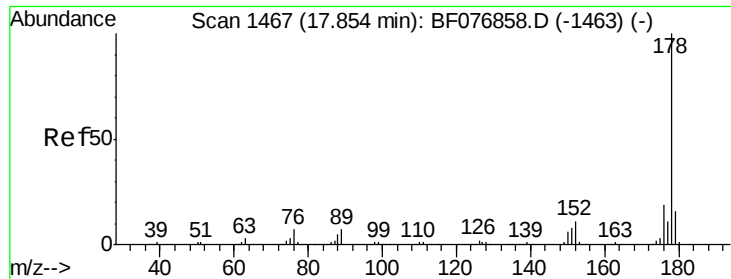
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#69
Pentachlorophenol
Concen: 54.03 ng
RT: 17.40 min Scan# 1427
Delta R.T. 0.00 min
Lab File: BF077074.D
Acq: 27 Jan 2015 5:23

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	65.4	48.6	72.8
264	63.0	49.5	74.3





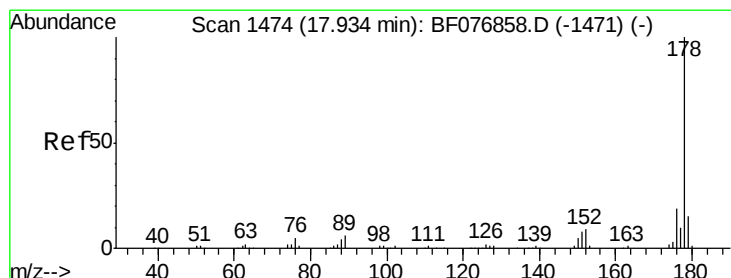
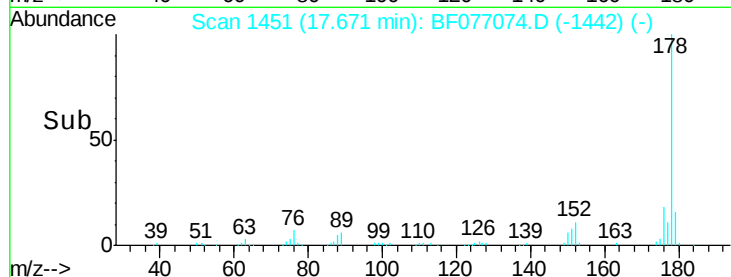
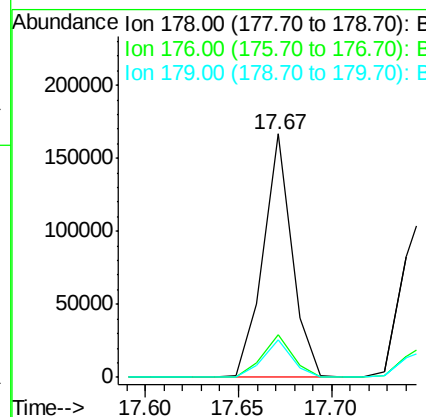
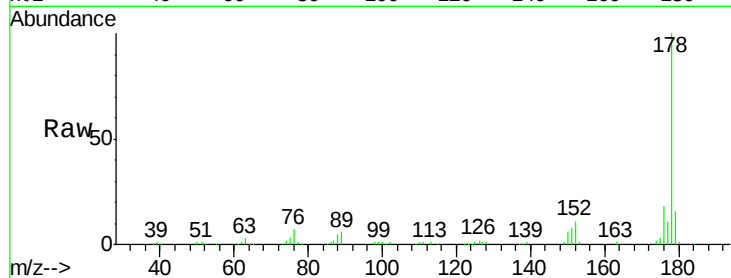
#70
Phenanthrene
Concen: 31.18 ng
RT: 17.67 min Scan# 1451
Delta R.T. 0.00 min
Lab File: BF077074.D
Acq: 27 Jan 2015 5:23

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

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	178236		
176	17.6	15.1	22.7	
179	15.6	12.7	19.1	

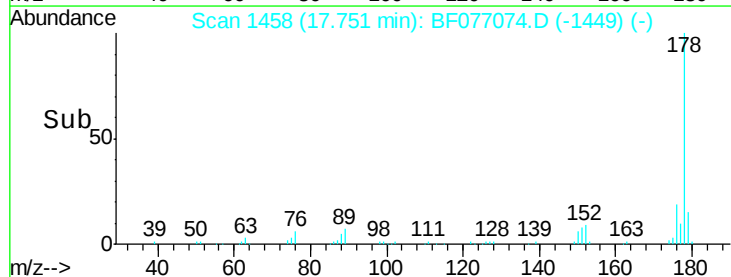
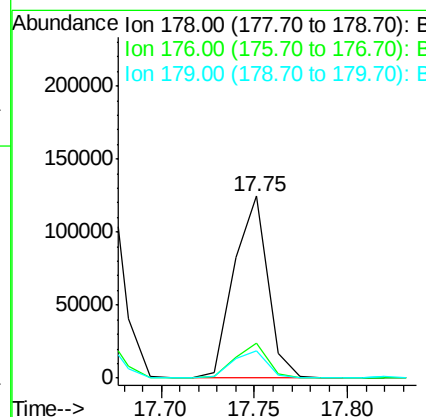
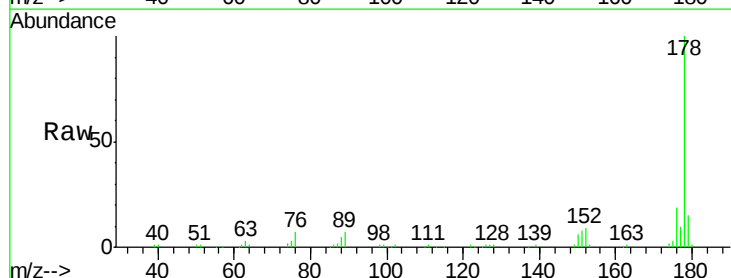
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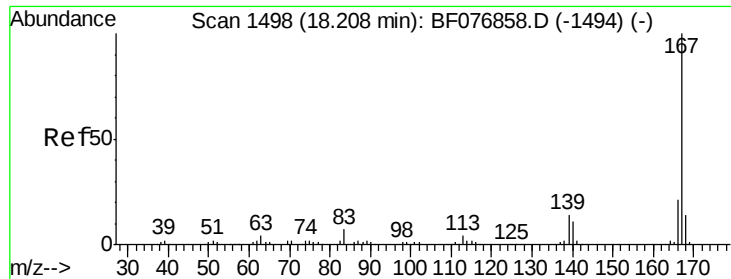
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#71
Anthracene
Concen: 28.22 ng
RT: 17.75 min Scan# 1458
Delta R.T. 0.00 min
Lab File: BF077074.D
Acq: 27 Jan 2015 5:23

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	157275		
176	19.1	15.4	23.0	
179	14.9	11.9	17.9	





#72

Carbazole

Concen: 27.45 ng

RT: 18.04 min Scan# 1483

Delta R.T. 0.00 min

Lab File: BF077074.D

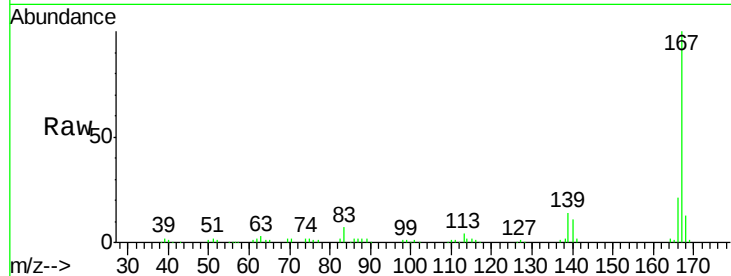
Acq: 27 Jan 2015 5:23

Instrument :

BNA_F

ClientSampleId :

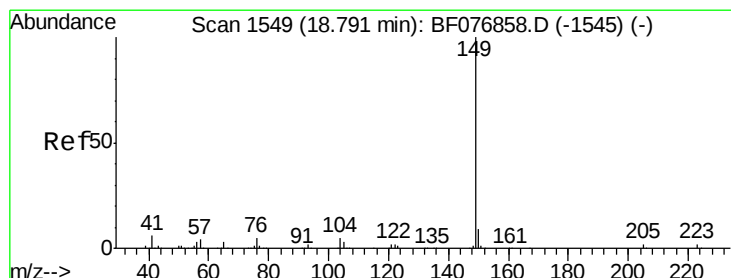
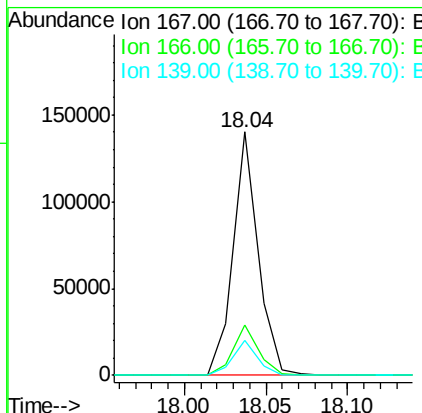
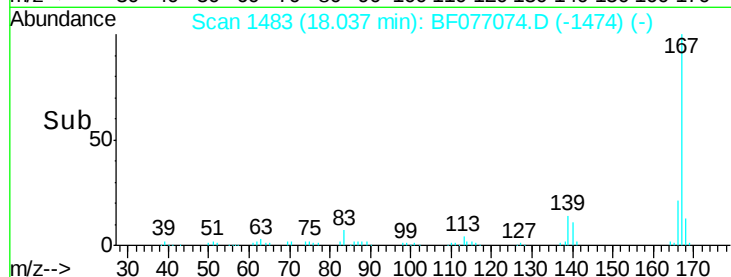
SB-84(17-19)MSD



Tgt Ion	Ratio	Resp	Lower	Upper
167	100	148394		
166	20.9		17.0	25.6
139	14.4		11.3	16.9

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#73

Di-n-butylphthalate

Concen: 28.75 ng

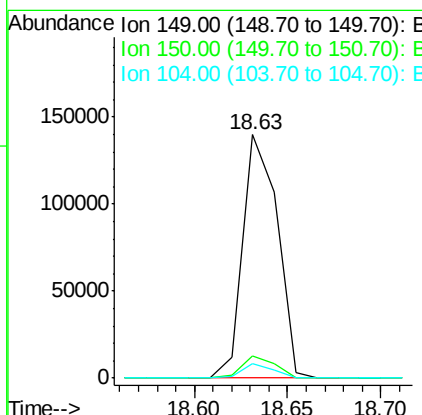
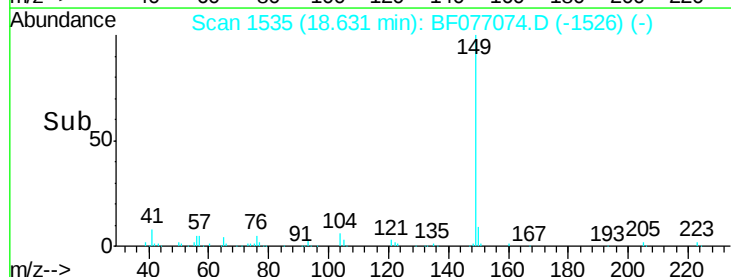
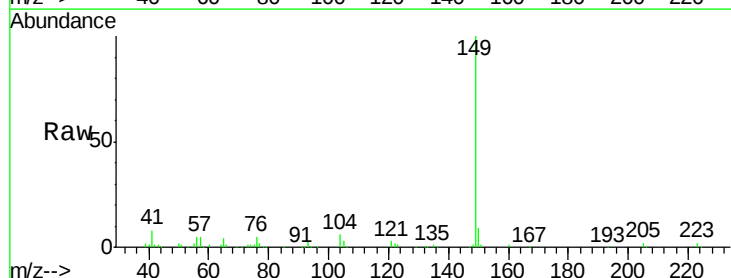
RT: 18.63 min Scan# 1535

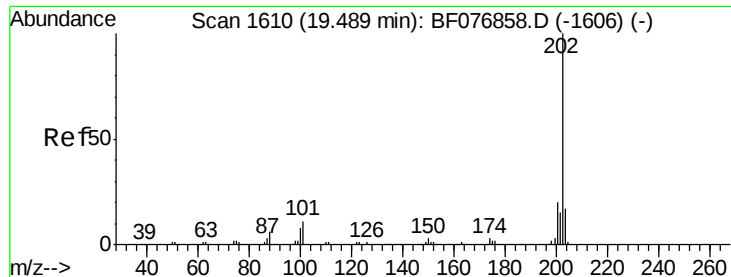
Delta R.T. 0.00 min

Lab File: BF077074.D

Acq: 27 Jan 2015 5:23

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	179916		
150	8.9		6.9	10.3
104	5.8		3.7	5.5#





#74

Fluoranthene

Concen: 34.79 ng

RT: 19.32 min Scan# 1595

Delta R.T. 0.00 min

Lab File: BF077074.D

Acq: 27 Jan 2015 5:23

Instrument :

BNA_F

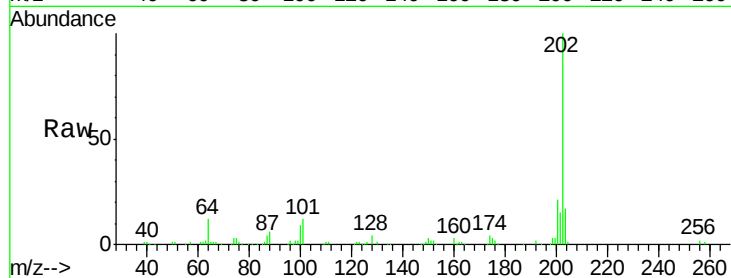
ClientSampleId :

SB-84(17-19)MSD

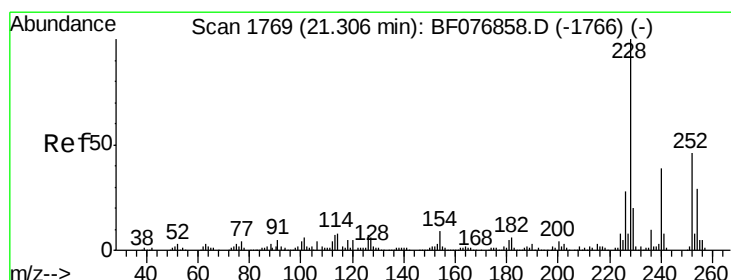
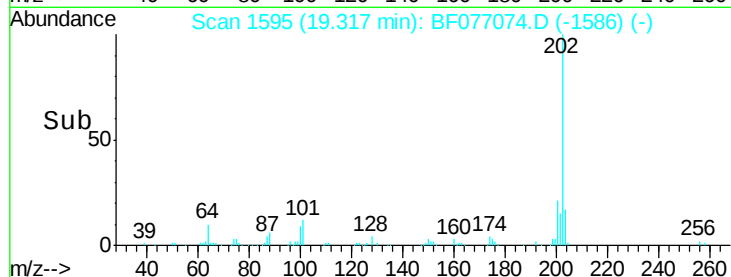
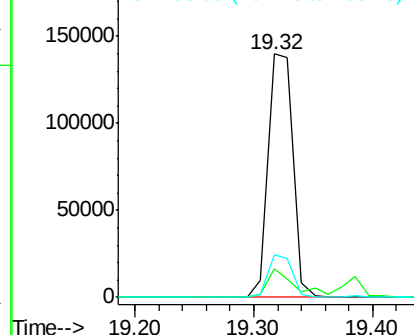
Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	11.6	0.0	30.7
203	17.3	0.0	36.9

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

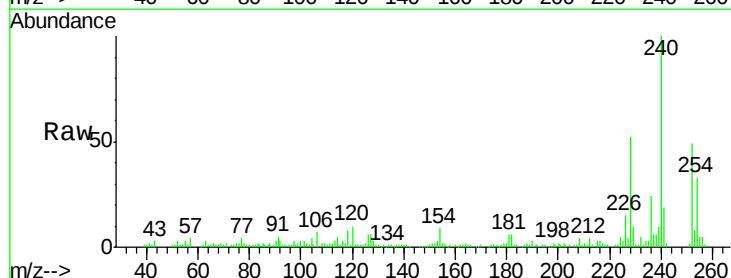
RT: 21.15 min Scan# 1755

Delta R.T. 0.00 min

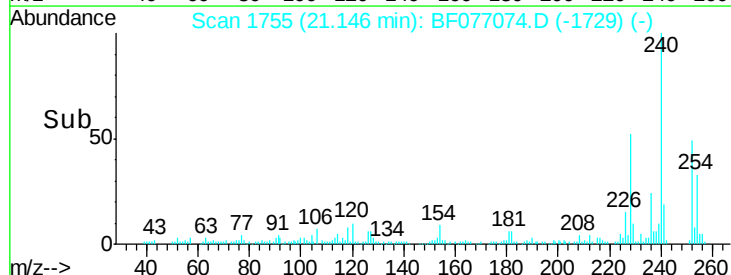
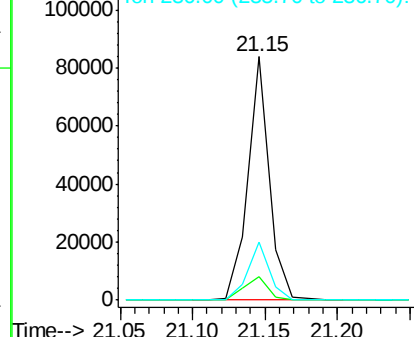
Lab File: BF077074.D

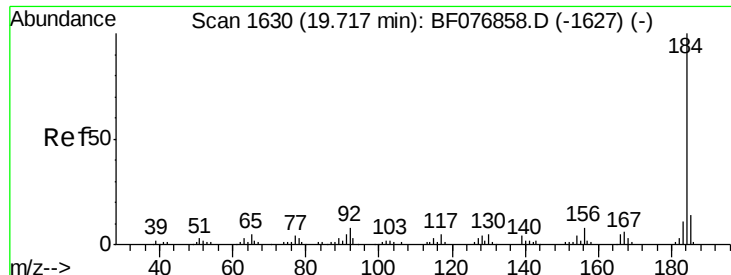
Acq: 27 Jan 2015 5:23

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	9.8	10.4	15.6#
236	23.7	20.2	30.2



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





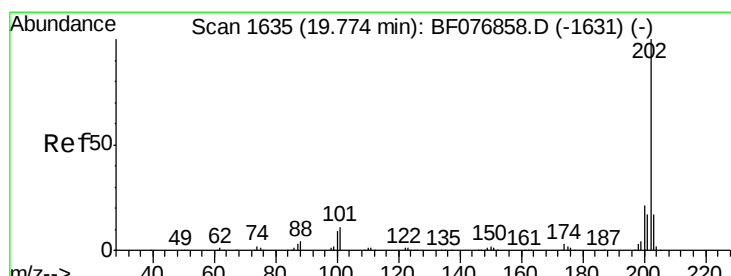
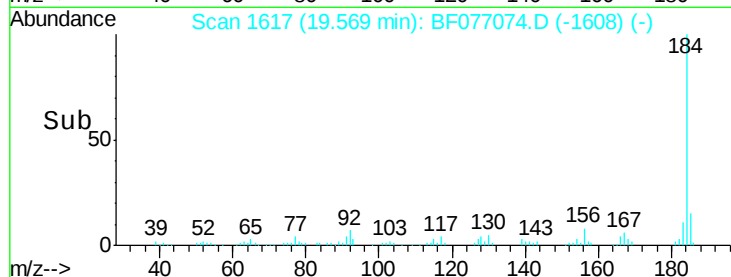
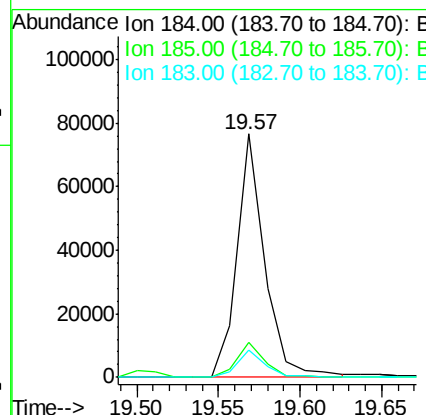
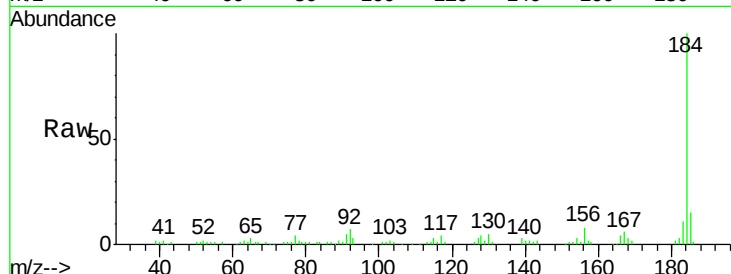
#76
Benzidine
Concen: 32.79 ng
RT: 19.57 min Scan# 1617
Delta R.T. 0.00 min
Lab File: BF077074.D
Acq: 27 Jan 2015 5:23

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

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	89961		
185	14.6	11.4	17.2	
183	11.0	9.0	13.6	

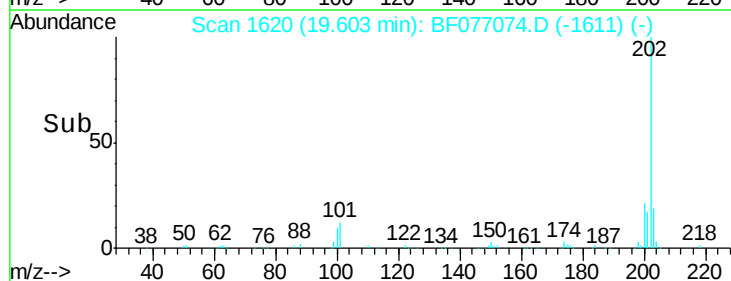
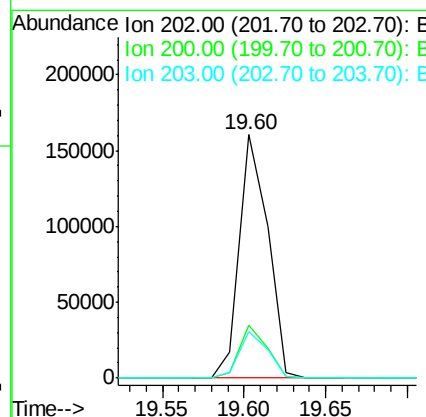
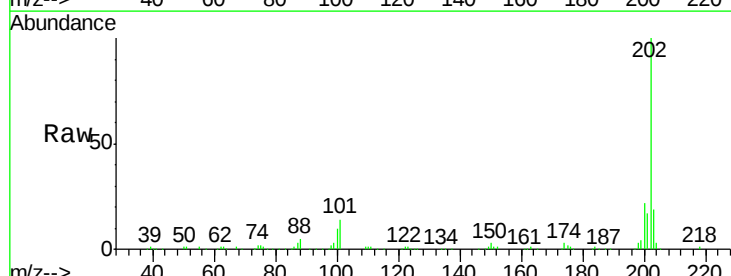
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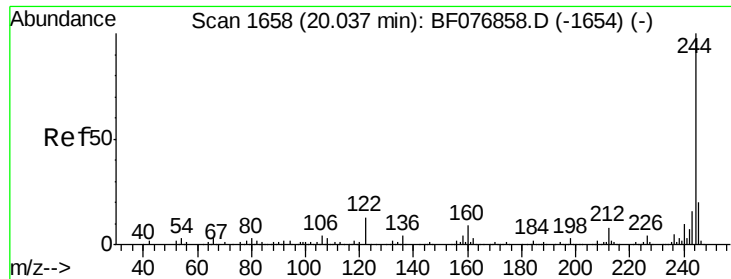
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#77
Pyrene
Concen: 33.03 ng
RT: 19.60 min Scan# 1620
Delta R.T. 0.00 min
Lab File: BF077074.D
Acq: 27 Jan 2015 5:23

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	194073		
200	21.7	16.7	25.1	
203	19.4	14.0	21.0	





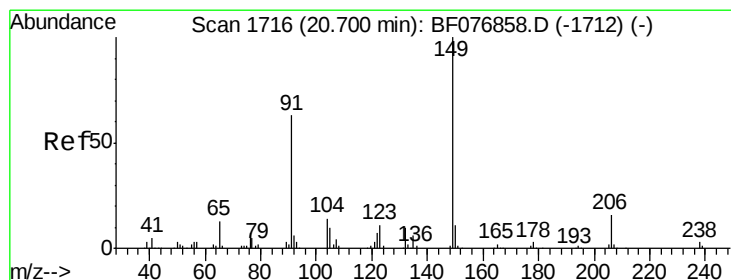
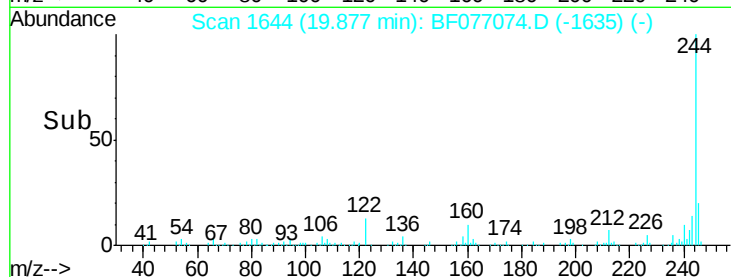
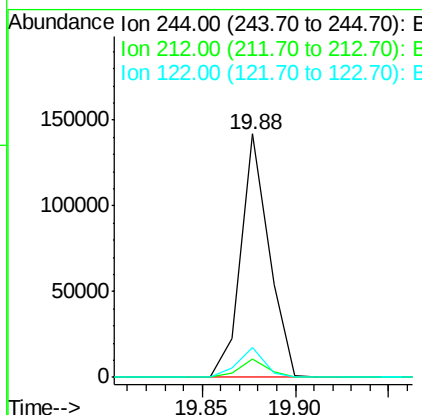
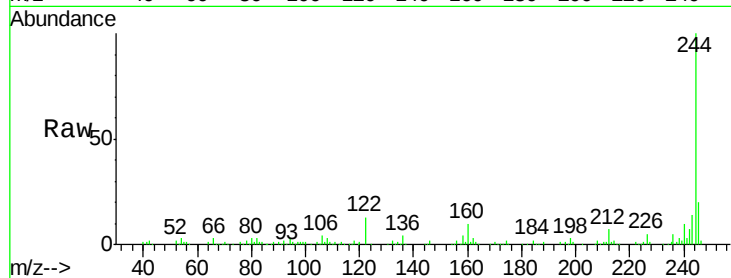
#78
 Terphenyl-d14
 Concen: 40.39 ng
 RT: 19.88 min Scan# 1644
 Delta R.T. 0.00 min
 Lab File: BF077074.D
 Acq: 27 Jan 2015 5:23

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

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	7.3	6.3	9.5
122	12.5	10.1	15.1

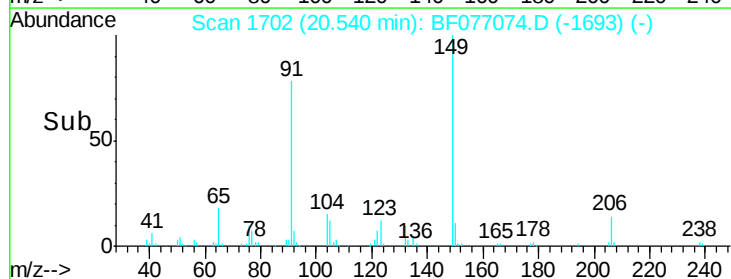
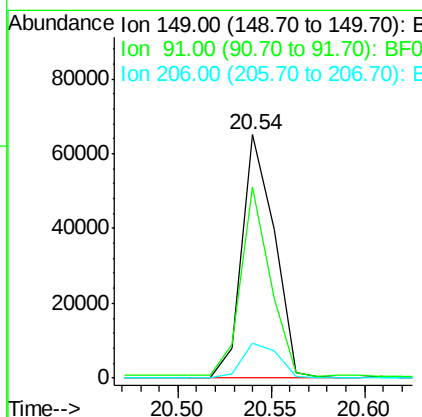
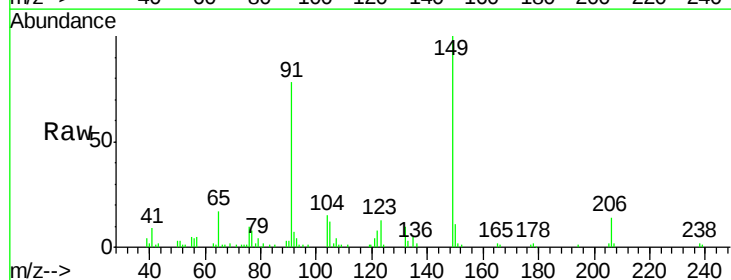
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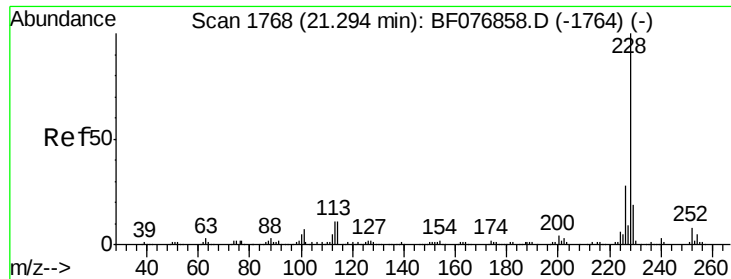
apatel
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#79
 Butylbenzylphthalate
 Concen: 29.57 ng
 RT: 20.54 min Scan# 1702
 Delta R.T. 0.00 min
 Lab File: BF077074.D
 Acq: 27 Jan 2015 5:23

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	78.5	50.6	76.0#
206	14.3	12.8	19.2





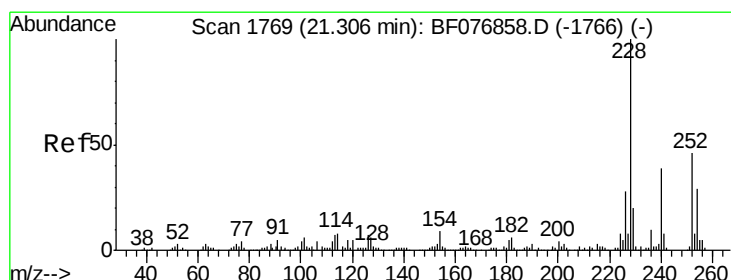
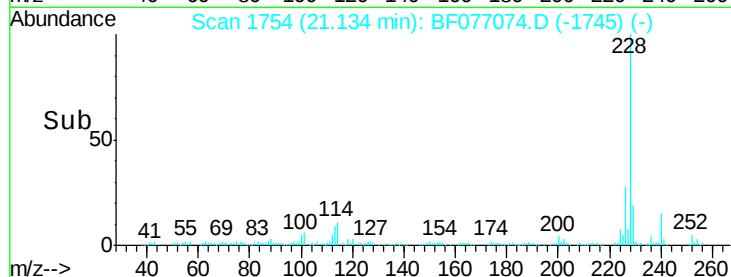
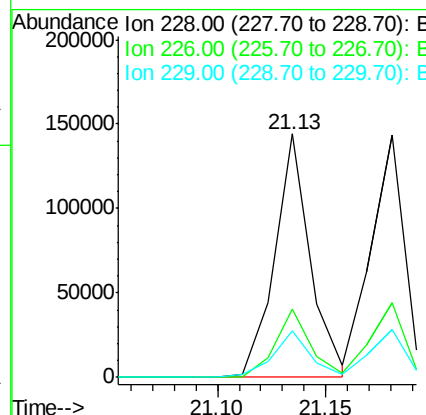
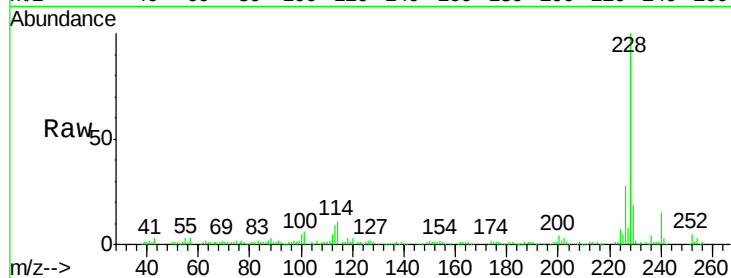
#80
Benzo(a)anthracene
Concen: 30.77 ng
RT: 21.13 min Scan# 1754
Delta R.T. 0.00 min
Lab File: BF077074.D
Acq: 27 Jan 2015 5:23

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

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	28.2	22.1	33.1
229	19.3	15.5	23.3

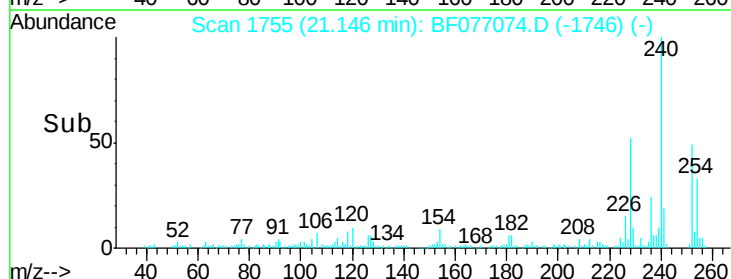
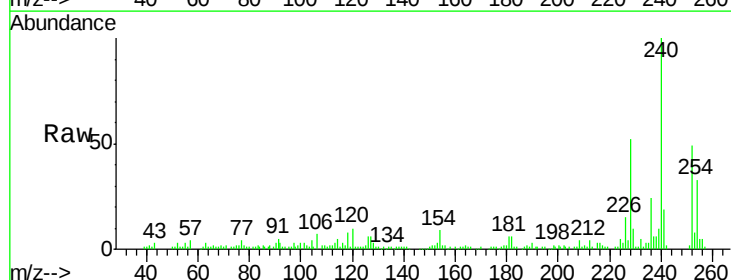
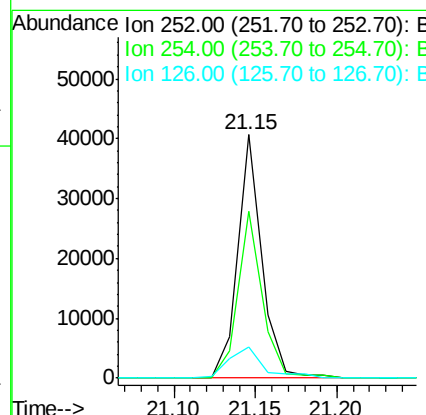
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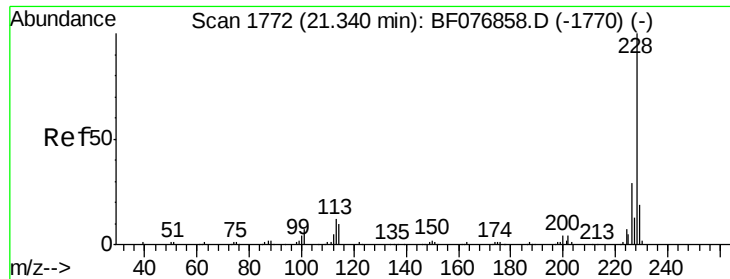
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#81
3,3'-Dichlorobenzidine
Concen: 24.15 ng
RT: 21.15 min Scan# 1755
Delta R.T. 0.00 min
Lab File: BF077074.D
Acq: 27 Jan 2015 5:23

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	68.8	50.2	75.4
126	12.8	11.5	17.3





#82

Chrysene

Concen: 31.20 ng

RT: 21.18 min Scan# 1758

Delta R.T. 0.00 min

Lab File: BF077074.D

Acq: 27 Jan 2015 5:23

Instrument :

BNA_F

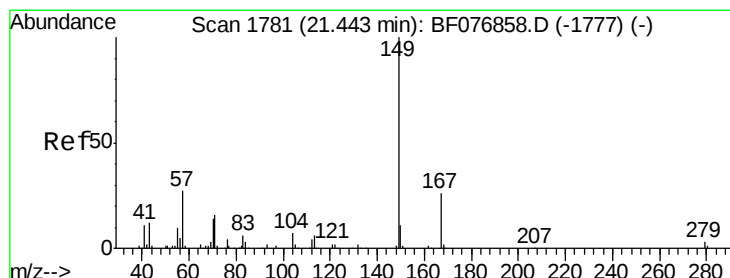
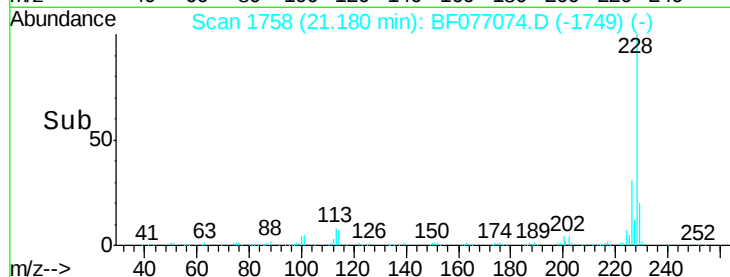
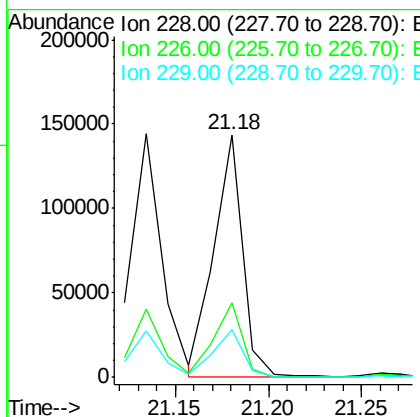
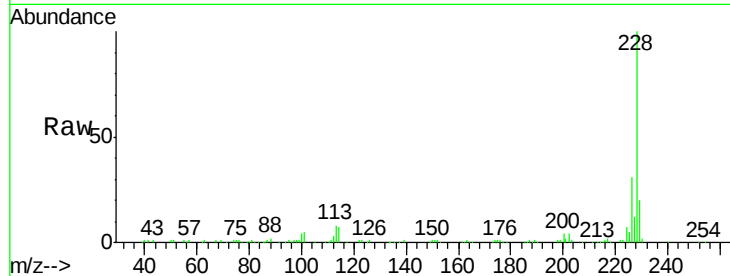
ClientSampleId :

SB-84(17-19)MSD

Tgt Ion:	228	Resp:	153075
Ion Ratio		Lower	Upper
228	100		
226	30.9	23.4	35.0
229	19.8	15.4	23.0

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#83

Bis(2-ethylhexyl)phthalate

Concen: 32.64 ng

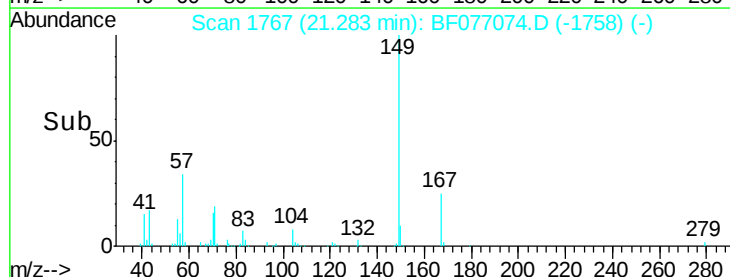
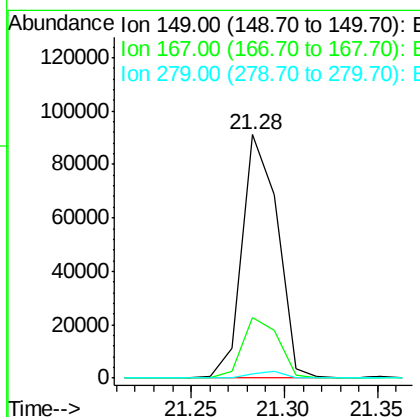
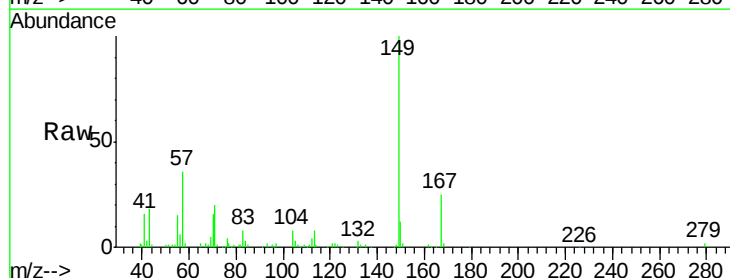
RT: 21.28 min Scan# 1767

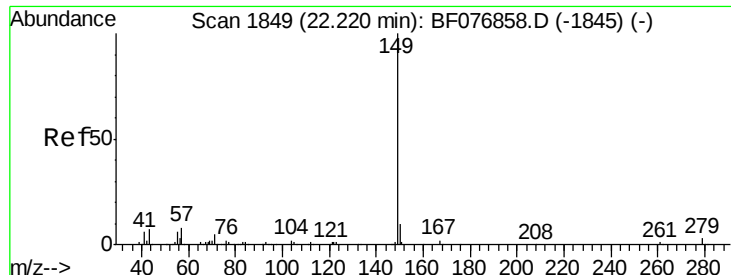
Delta R.T. 0.00 min

Lab File: BF077074.D

Acq: 27 Jan 2015 5:23

Tgt Ion:	149	Resp:	120198
Ion Ratio		Lower	Upper
149	100		
167	24.6	20.6	30.8
279	1.8	2.2	3.2#





#84

Di-n-octyl phthalate

Concen: 32.36 ng

RT: 22.05 min Scan# 1834

Delta R.T. 0.00 min

Lab File: BF077074.D

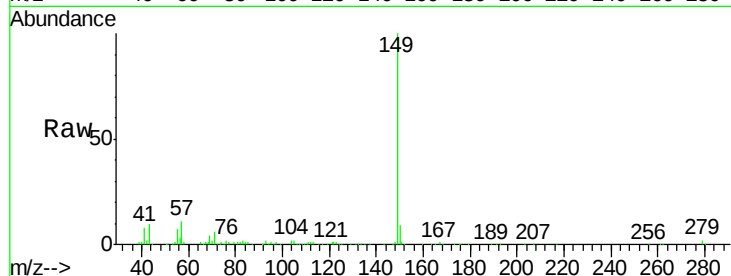
Acq: 27 Jan 2015 5:23

Instrument :

BNA_F

ClientSampleId :

SB-84(17-19)MSD



Tgt Ion:149 Resp: 206768

Ion Ratio Lower Upper

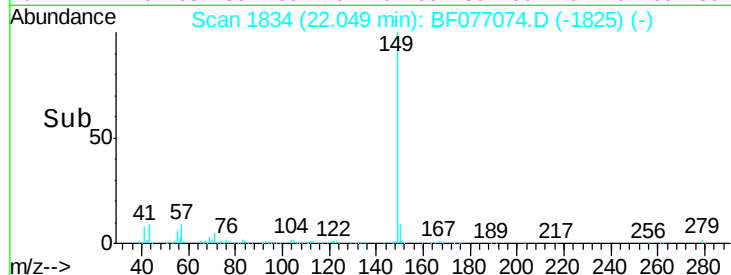
149 100

167 1.7 1.1 1.7

43 10.4 6.6 10.0#

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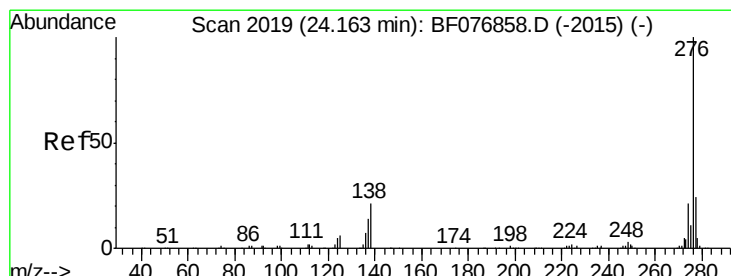
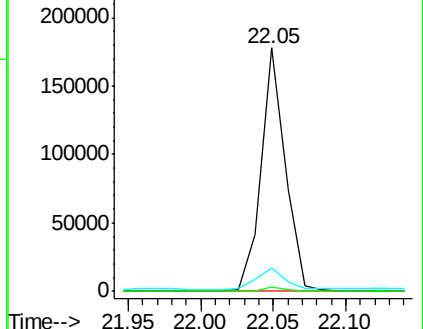
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 28.42 ng

RT: 23.88 min Scan# 1994

Delta R.T. 0.00 min

Lab File: BF077074.D

Acq: 27 Jan 2015 5:23

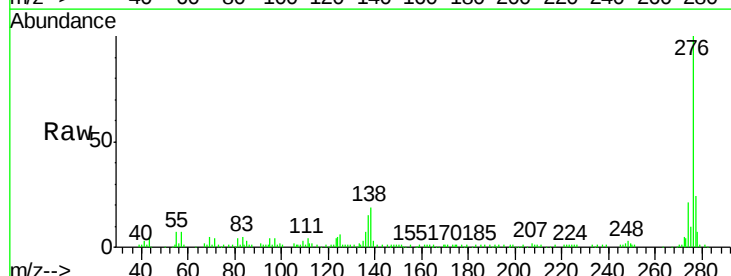
Tgt Ion:276 Resp: 147743

Ion Ratio Lower Upper

276 100

138 26.6 14.6 22.0#

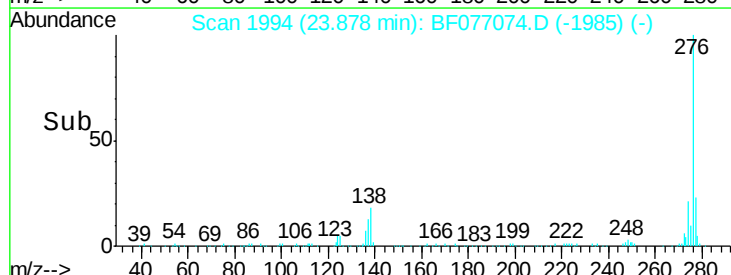
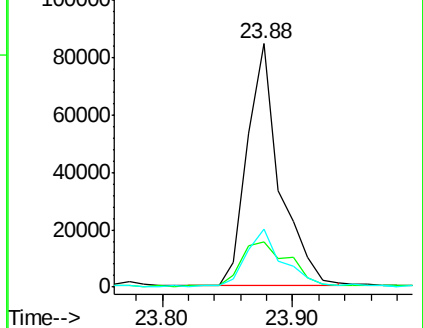
277 27.3 14.8 22.2#

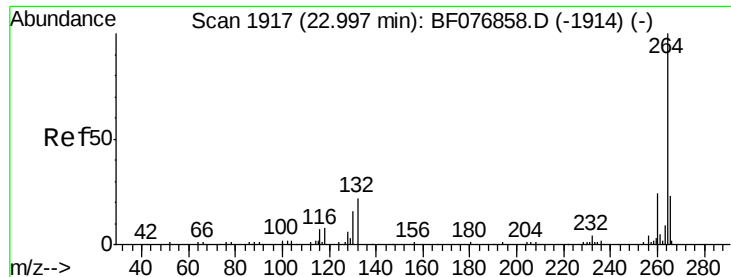


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#86

Perylene-d12

Concen: 20.00 ng

RT: 22.79 min Scan# 1899

Delta R.T. 0.00 min

Lab File: BF077074.D

Acq: 27 Jan 2015 5:23

Instrument :

BNA_F

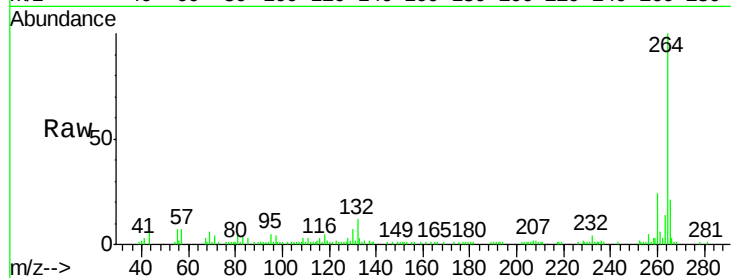
ClientSampleId :

SB-84(17-19)MSD

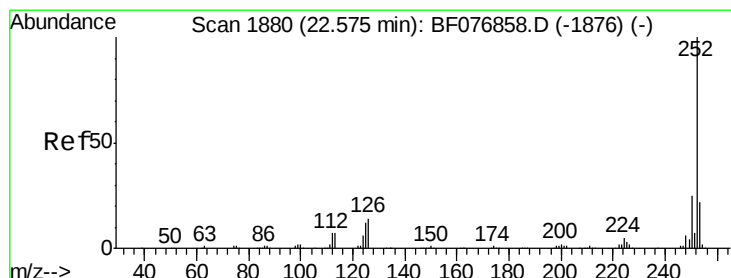
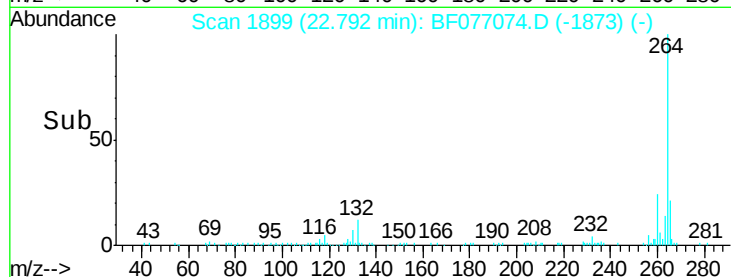
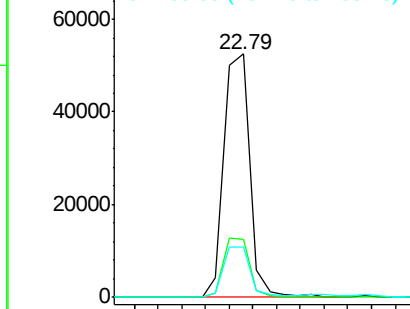
Tgt Ion:	264	Resp:	79323
Ion Ratio	Lower	Upper	
264	100		
260	23.9	19.0	28.4
265	20.9	18.1	27.1

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



#87

Benzo(b)fluoranthene

Concen: 29.03 ng m

RT: 22.38 min Scan# 1863

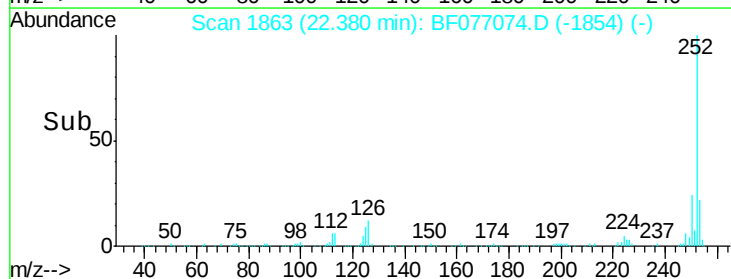
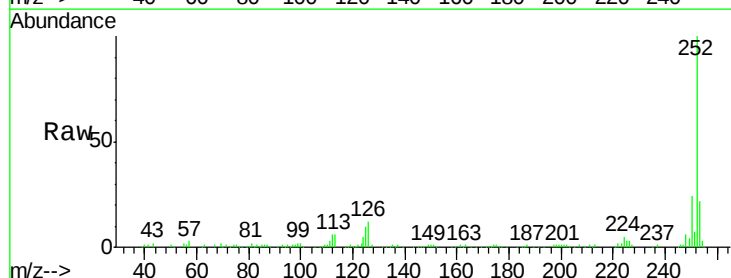
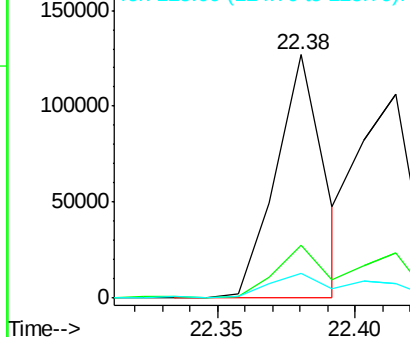
Delta R.T. 0.00 min

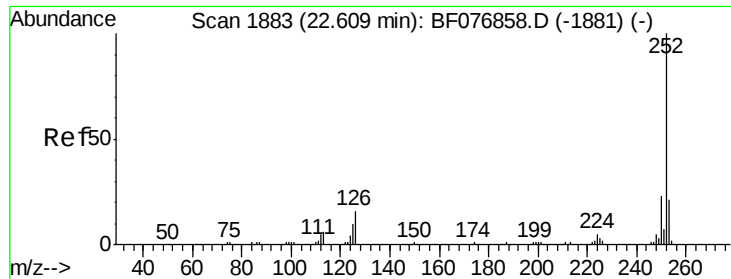
Lab File: BF077074.D

Acq: 27 Jan 2015 5:23

Tgt Ion:	252	Resp:	155120
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.5	26.3
125	9.9	9.4	14.0

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





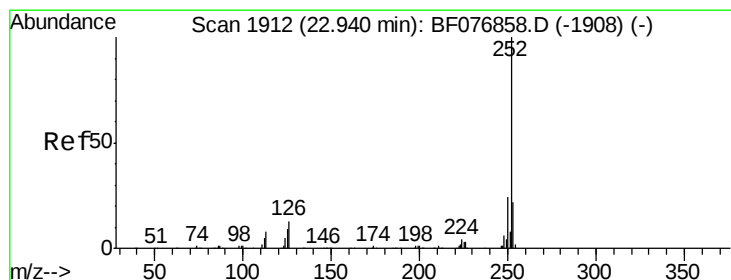
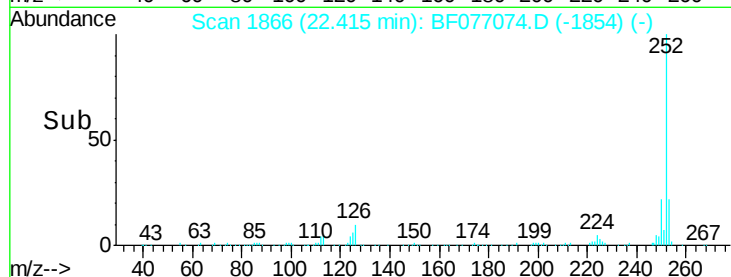
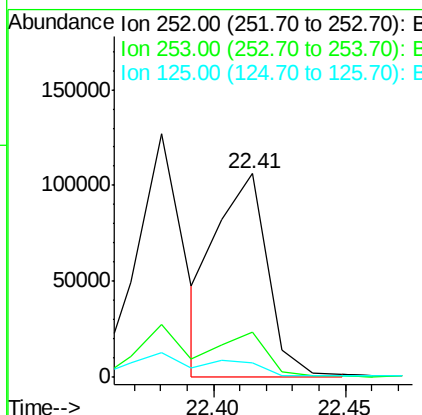
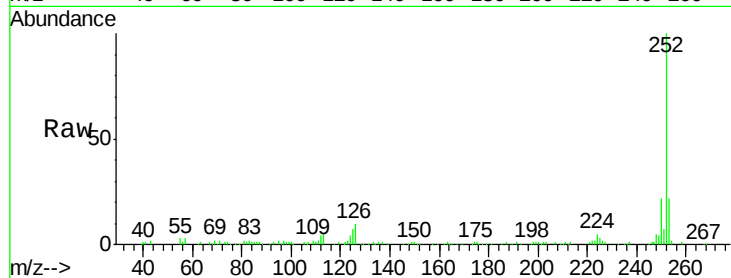
#88
Benzo(k)fluoranthene
Concen: 30.29 ng m
RT: 22.41 min Scan# 1866
Delta R.T. 0.03 min
Lab File: BF077074.D
Acq: 27 Jan 2015 5:23

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

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.2	25.8
125	7.0	7.1	10.7#

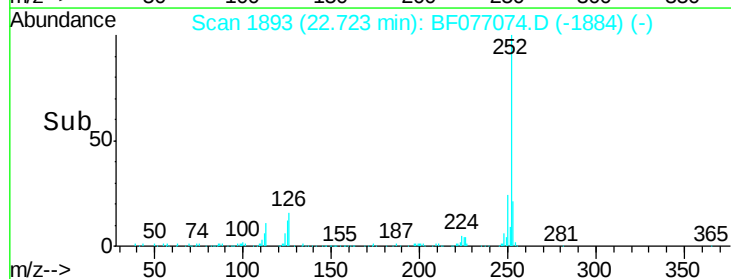
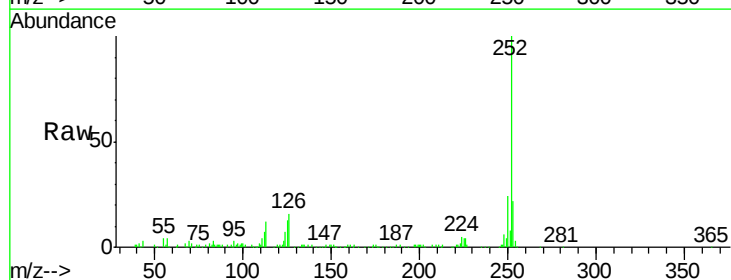
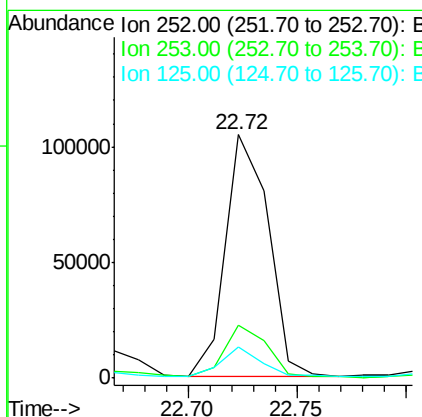
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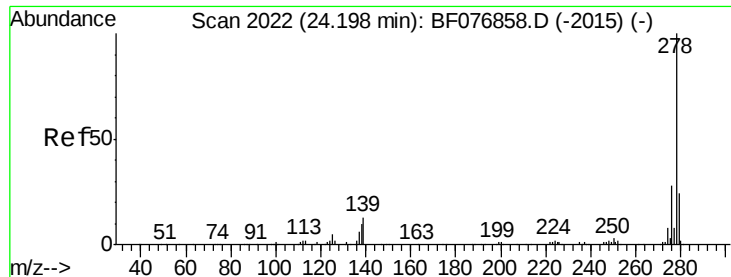
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#89
Benzo(a)pyrene
Concen: 30.51 ng
RT: 22.72 min Scan# 1893
Delta R.T. 0.00 min
Lab File: BF077074.D
Acq: 27 Jan 2015 5:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.9	26.9
125	13.0	7.2	10.8#





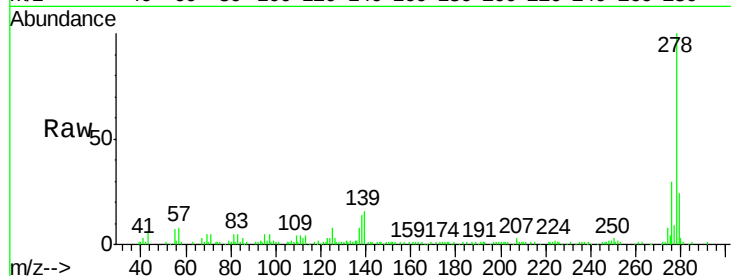
#90
Dibenzo(a,h)anthracene
Concen: 26.94 ng
RT: 23.90 min Scan# 1996
Delta R.T. 0.00 min
Lab File: BF077074.D
Acq: 27 Jan 2015 5:23

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

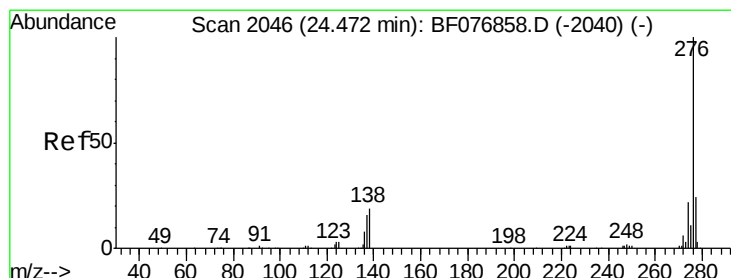
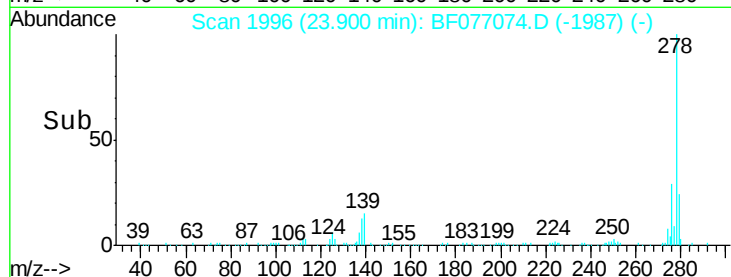
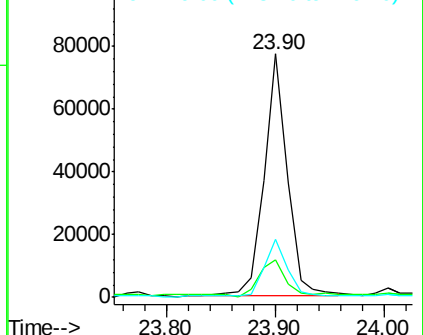
Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.6	10.5	15.7
279	23.8	19.3	28.9

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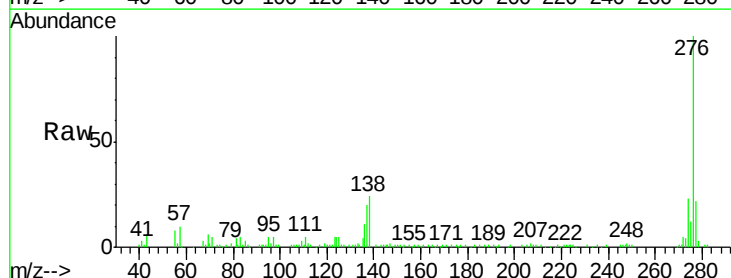


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#91
Benzo(g,h,i)perylene
Concen: 29.08 ng
RT: 24.15 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BF077074.D
Acq: 27 Jan 2015 5:23

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.1	19.5	29.3
138	24.3	15.0	22.6



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

