

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020615\
 Data File : BF077205.D
 Acq On : 6 Feb 2015 16:53
 Operator : TP/IZ
 Sample : PB81636BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81636BSD

Manual Integrations
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 2/9/2015 1:35:42 PM

Quant Time: Feb 06 23:06:24 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 06 22:52:29 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	29126	20.00	ng	0.00
21) Naphthalene-d8	10.56	136	119325	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	59828	20.00	ng	0.00
63) Phenanthrene-d10	17.54	188	110494	20.00	ng	0.00
75) Chrysene-d12	21.05	240	109422	20.00	ng	0.00
86) Perylene-d12	22.74	264	93813	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.66	112	189692	107.08	ng	0.00
7) Phenol-d6	7.06	99	235378	105.33	ng	0.00
23) Nitrobenzene-d5	8.96	82	147472	68.47	ng	0.00
41) 2,4,6-Tribromophenol	16.42	330	60497	124.57	ng	0.00
44) 2-Fluorobiphenyl	13.21	172	310098	78.88	ng	0.00
78) Terphenyl-d14	19.79	244	355088	74.71	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.10	88	18869	24.88	ng	90
3) Pyridine	1.54	79	57299	29.19	ng	97
4) n-Nitrosodimethylamine	1.50	42	25599	26.33	ng	93
6) Aniline	6.93	93	47814	15.46	ng	99
8) 2-Chlorophenol	7.17	128	66466	32.55	ng	96
9) Benzaldehyde	6.69	77	4612	2.59	ng	# 83
10) Phenol	7.08	94	71106	29.96	ng	92
11) bis(2-Chloroethyl)ether	7.20	93	60234	32.44	ng	# 75
12) 1,3-Dichlorobenzene	7.48	146	70464	30.33	ng	93
13) 1,4-Dichlorobenzene	7.68	146	72002	29.22	ng	97
14) 1,2-Dichlorobenzene	8.00	146	71887	31.67	ng	94
15) Benzyl Alcohol	8.10	79	55894	30.91	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.44	45	83175	33.32	ng	88
17) 2-Methylphenol	8.45	107	52189	31.27	ng	97
18) Hexachloroethane	8.74	117	27444	32.02	ng	97
19) n-Nitroso-di-n-propylamine	8.73	70	50143	32.05	ng	97
20) 3+4-Methylphenols	8.84	107	61576	27.86	ng	98
22) Acetophenone	8.65	105	97733	33.44	ng	100
24) Nitrobenzene	8.99	77	70163	31.98	ng	94
25) Isophorone	9.60	82	132946	33.89	ng	98
26) 2-Nitrophenol	9.74	139	32857	29.93	ng	97
27) 2,4-Dimethylphenol	10.03	122	59868	35.29	ng	96
28) bis(2-Chloroethoxy)methane	10.22	93	80496	36.11	ng	# 97
29) 2,4-Dichlorophenol	10.35	162	48928	30.94	ng	96
30) 1,2,4-Trichlorobenzene	10.46	180	59169	33.69	ng	98
31) Naphthalene	10.60	128	198013	32.23	ng	99
32) Benzoic acid	10.42	122	8837m	9.40	ng	
33) 4-Chloroaniline	10.87	127	40246	16.21	ng	96
34) Hexachlorobutadiene	10.97	225	33211	31.87	ng	91
35) Caprolactam	11.71	113	12005	25.79	ng	# 80
36) 4-Chloro-3-methylphenol	12.17	107	59746	33.00	ng	93
37) 2-Methylnaphthalene	12.26	142	140222	33.42	ng	97
39) 1,2,4,5-Tetrachlorobenzene	12.66	216	53949	36.47	ng	97
40) Hexachlorocyclopentadiene	12.64	237	51983	66.13	ng	95

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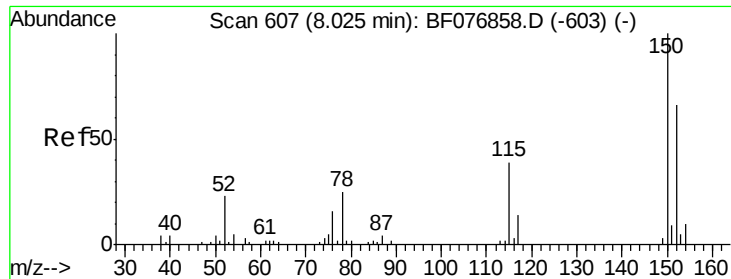
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.01	196	35983	33.39	ng	99
43) 2,4,5-Trichlorophenol	13.12	196	31874	29.00	ng #	90
45) 1,1'-Biphenyl	13.40	154	173774	39.18	ng	98
46) 2-Chloronaphthalene	13.38	162	136699	37.45	ng	98
47) 2-Nitroaniline	13.73	65	42423	38.32	ng	90
48) Acenaphthylene	14.33	152	221290	35.94	ng	99
49) Dimethylphthalate	14.29	163	166651	39.28	ng	99
50) 2,6-Dinitrotoluene	14.39	165	33881	39.97	ng	95
51) Acenaphthene	14.75	154	122772	35.15	ng	97
52) 3-Nitroaniline	14.74	138	25289	23.80	ng	96
53) 2,4-Dinitrophenol	15.03	184	16224	46.55	ng	93
54) Dibenzofuran	15.17	168	196356	38.59	ng	97
55) 4-Nitrophenol	15.35	139	35698	53.67	ng	96
56) 2,4-Dinitrotoluene	15.32	165	48099	38.30	ng #	94
57) Fluorene	15.94	166	164705	38.21	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.54	232	27841	34.79	ng #	95
59) Diethylphthalate	15.95	149	176393	41.14	ng	96
60) 4-Chlorophenyl-phenylether	16.03	204	69390	39.34	ng	98
61) 4-Nitroaniline	16.10	138	31713	30.22	ng	95
62) Azobenzene	16.33	77	177432	39.71	ng	96
64) 4,6-Dinitro-2-methylphenol	16.18	198	19171	28.44	ng	81
65) n-Nitrosodiphenylamine	16.29	169	134660	34.18	ng	99
66) 4-Bromophenyl-phenylether	16.91	248	38834	34.69	ng #	87
67) Hexachlorobenzene	16.92	284	41431	35.12	ng	92
68) Atrazine	17.30	200	48973	40.96	ng	94
69) Pentachlorophenol	17.30	266	28157	54.45	ng	98
70) Phenanthrene	17.57	178	235748	34.21	ng	97
71) Anthracene	17.65	178	240460	35.79	ng	98
72) Carbazole	17.95	167	225636	34.62	ng	99
73) Di-n-butylphthalate	18.55	149	293183	38.86	ng	99
74) Fluoranthene	19.23	202	251308	35.59	ng	98
76) Benzidine	19.48	184	102378	29.24	ng	99
77) Pyrene	19.52	202	255995	34.14	ng	100
79) Butylbenzylphthalate	20.45	149	129739	38.20	ng	96
80) Benzo(a)anthracene	21.04	228	227008	33.07	ng	100
81) 3,3'-Dichlorobenzidine	21.06	252	54425	24.95	ng #	96
82) Chrysene	21.08	228	222716	35.57	ng	99
83) Bis(2-ethylhexyl)phthalate	21.20	149	193242	41.12	ng	95
84) Di-n-octyl phthalate	21.97	149	327567	40.16	ng	99
85) Indeno(1,2,3-cd)pyrene	23.89	276	218009	32.86	ng #	83
87) Benzo(b)fluoranthene	22.31	252	246531	39.02	ng	98
88) Benzo(k)fluoranthene	22.34	252	176787m	32.03	ng	
89) Benzo(a)pyrene	22.67	252	200066	35.90	ng #	97
90) Dibenzo(a,h)anthracene	23.92	278	182848	35.76	ng	99
91) Benzo(g,h,i)perylene	24.16	276	180647	35.53	ng #	95

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



#1

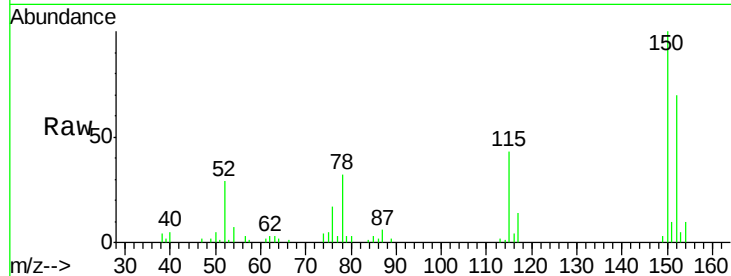
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.64 min Scan# 591
Delta R.T. 0.00 min
Lab File: BF077205.D
Acq: 6 Feb 2015 16:53

Instrument :
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PB81636BSD

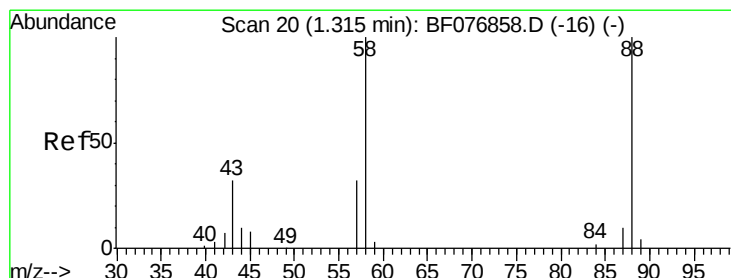
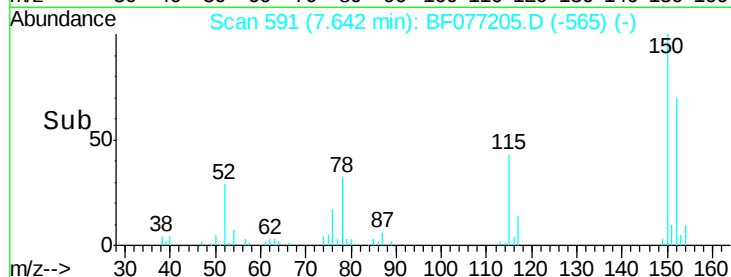
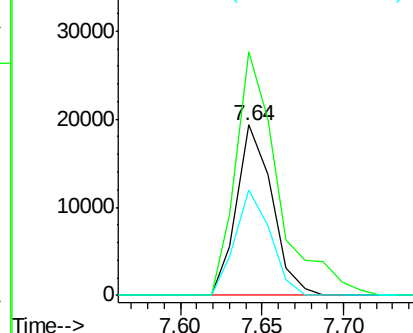
Tgt Ion	Ratio	Lower	Upper
152	100		
150	143.1	121.7	182.5
115	62.0	47.0	70.6

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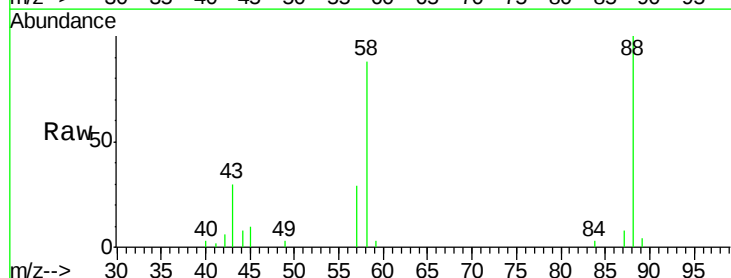
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



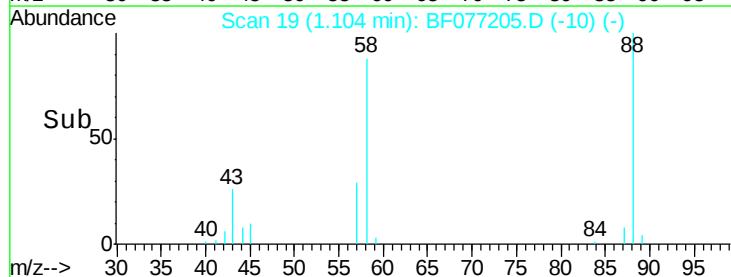
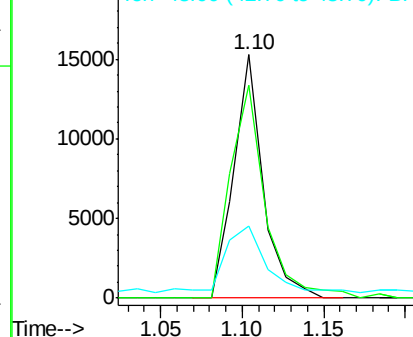
#2

1,4-Dioxane
Concen: 24.88 ng
RT: 1.10 min Scan# 19
Delta R.T. 0.00 min
Lab File: BF077205.D
Acq: 6 Feb 2015 16:53

Tgt Ion	Ratio	Lower	Upper
88	100		
58	105.5	77.0	115.4
43	37.9	25.6	38.4



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





#3

Pyridine

Concen: 29.19 ng

RT: 1.54 min Scan# 57

Delta R.T. -0.01 min

Lab File: BF077205.D

Acq: 6 Feb 2015 16:53

Instrument :

BNA_F

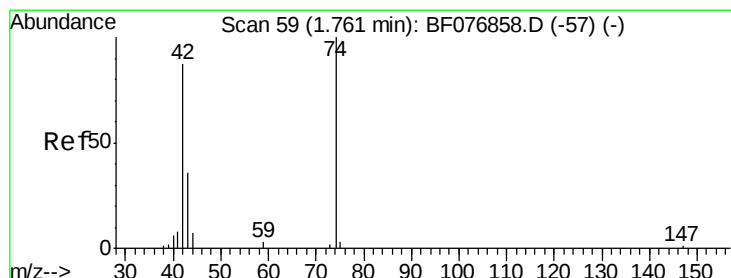
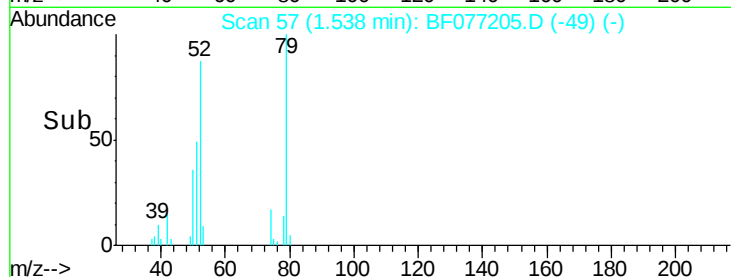
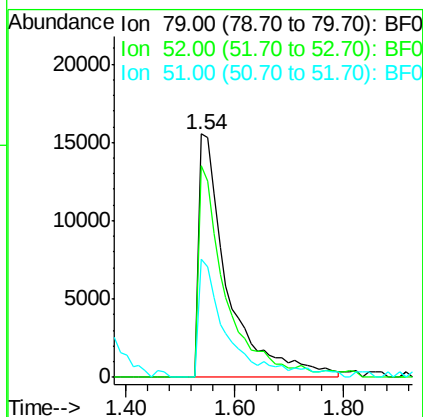
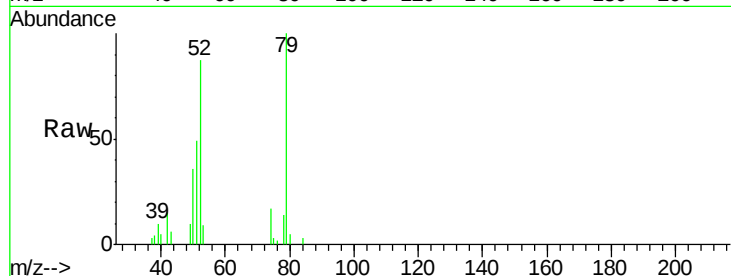
ClientSampleId :

PB81636BSD

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Tgt Ion:	79	Resp:	57299
Ion	Ratio	Lower	Upper
79	100		
52	87.1	70.1	105.1
51	48.7	35.1	52.7



#4

n-Nitrosodimethylamine

Concen: 26.33 ng

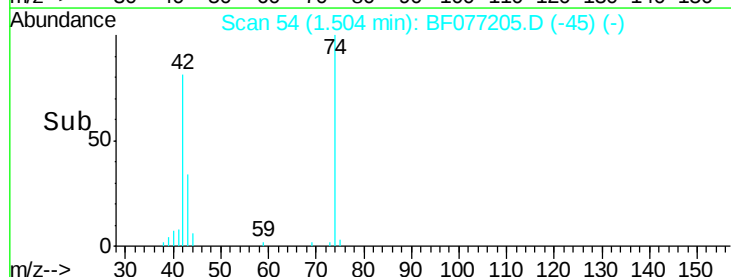
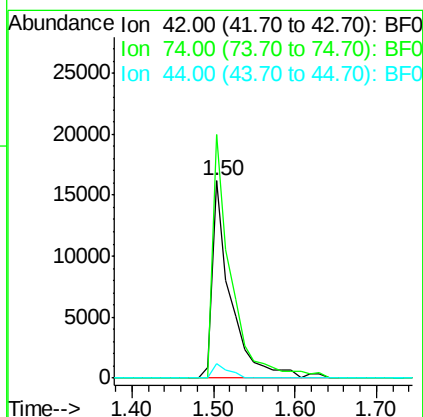
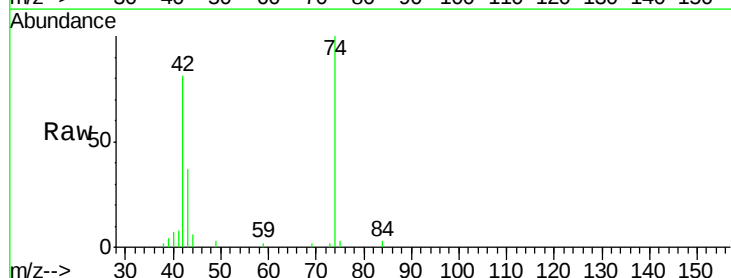
RT: 1.50 min Scan# 54

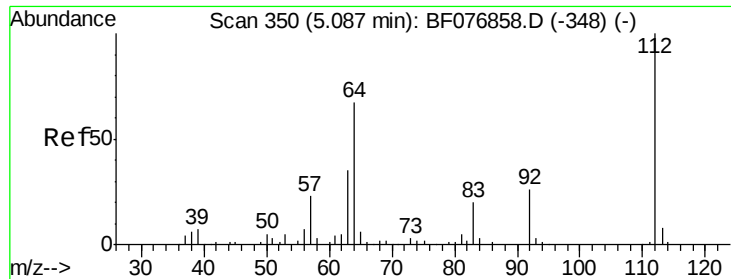
Delta R.T. 0.00 min

Lab File: BF077205.D

Acq: 6 Feb 2015 16:53

Tgt Ion:	42	Resp:	25599
Ion	Ratio	Lower	Upper
42	100		
74	123.3	92.4	138.6
44	7.5	6.2	9.2





#5

2-Fluorophenol

Concen: 107.08 ng

RT: 4.66 min Scan# 330

Delta R.T. 0.00 min

Lab File: BF077205.D

Acq: 6 Feb 2015 16:53

Instrument :

BNA_F

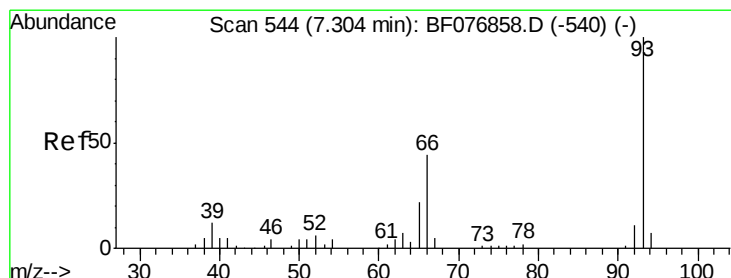
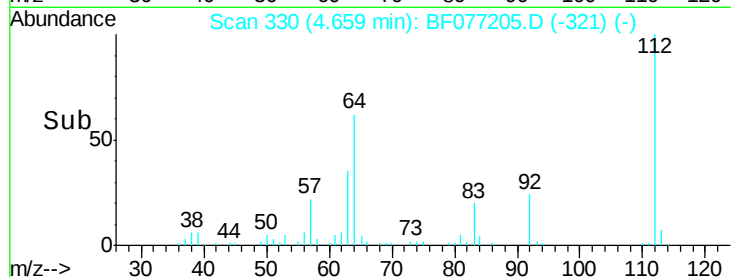
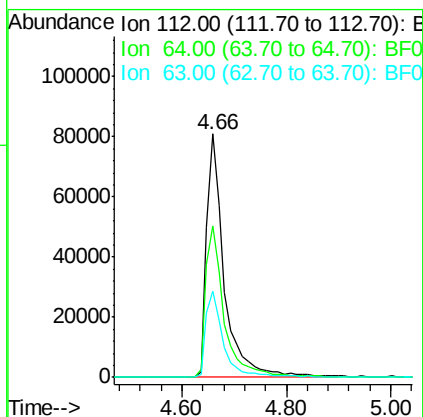
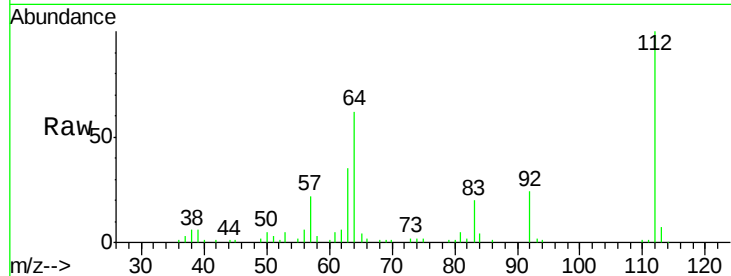
ClientSampleId :

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Tgt Ion:	112	Resp:	189692
Ion Ratio	Lower	Upper	
112	100		
64	62.4	54.2	81.4
63	35.4	28.4	42.6

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#6

Aniline

Concen: 15.46 ng

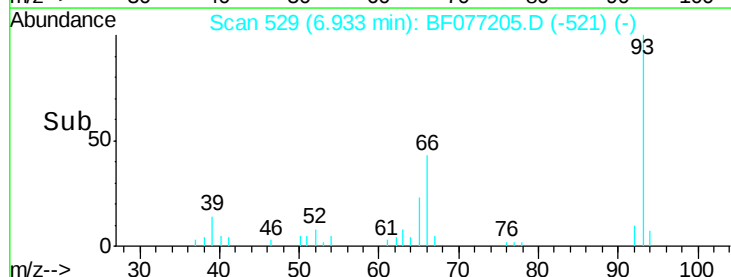
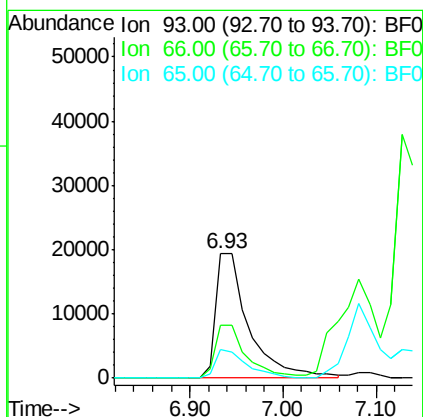
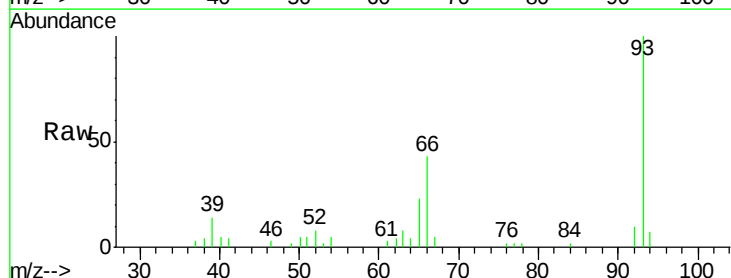
RT: 6.93 min Scan# 529

Delta R.T. -0.01 min

Lab File: BF077205.D

Acq: 6 Feb 2015 16:53

Tgt Ion:	93	Resp:	47814
Ion Ratio	Lower	Upper	
93	100		
66	43.1	35.0	52.4
65	22.7	17.7	26.5





#7

Phenol-d6

Concen: 105.33 ng

RT: 7.06 min Scan# 540

Delta R.T. 0.00 min

Lab File: BF077205.D

Acq: 6 Feb 2015 16:53

Instrument :

BNA_F

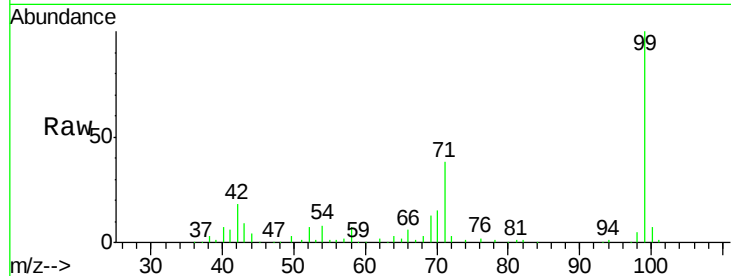
ClientSampleId :

PB81636BSD

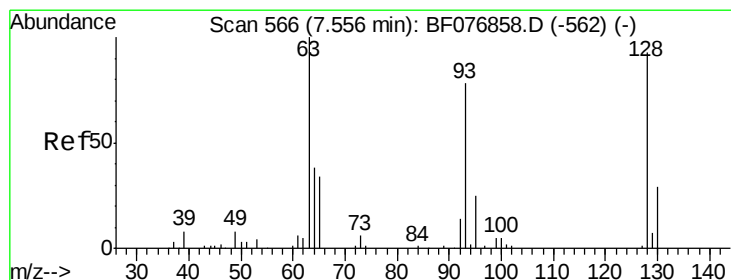
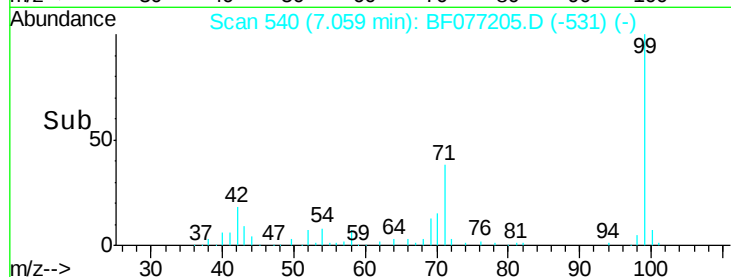
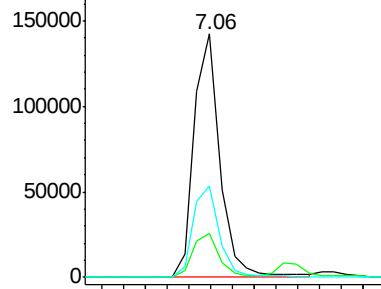
Tgt Ion:	99	Resp:	235378
Ion Ratio	Lower	Upper	
99	100		
42	17.9	15.0	22.4
71	37.6	30.5	45.7

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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 32.55 ng

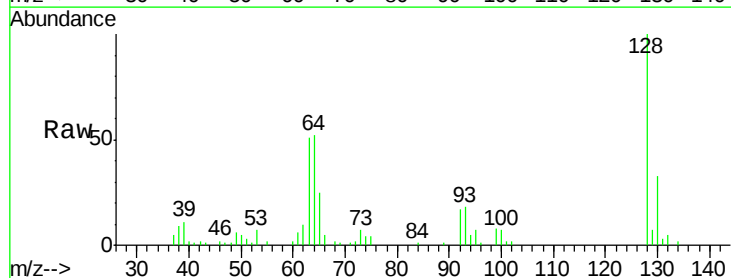
RT: 7.17 min Scan# 550

Delta R.T. 0.00 min

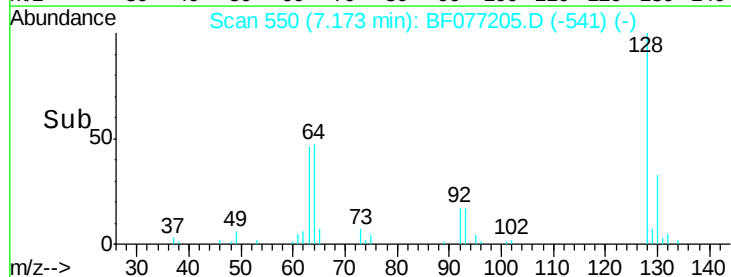
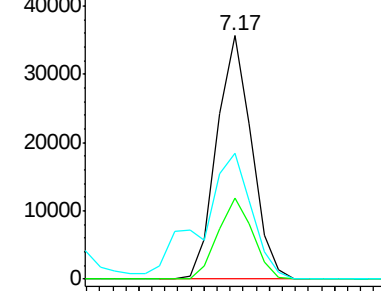
Lab File: BF077205.D

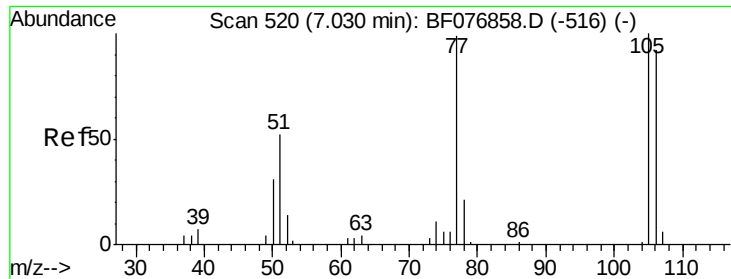
Acq: 6 Feb 2015 16:53

Tgt Ion:	128	Resp:	66466
Ion Ratio	Lower	Upper	
128	100		
130	33.4	11.0	51.0
64	51.8	29.3	69.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 2.59 ng

RT: 6.69 min Scan# 508

Delta R.T. 0.00 min

Lab File: BF077205.D

Acq: 6 Feb 2015 16:53

Instrument :

BNA_F

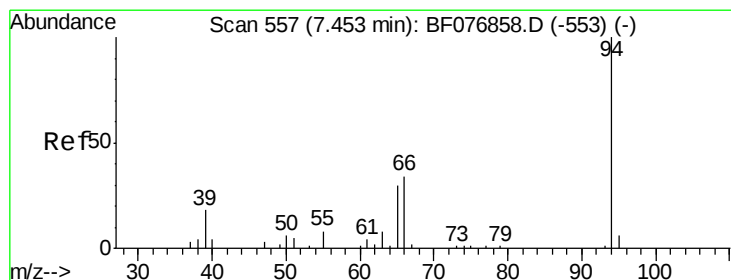
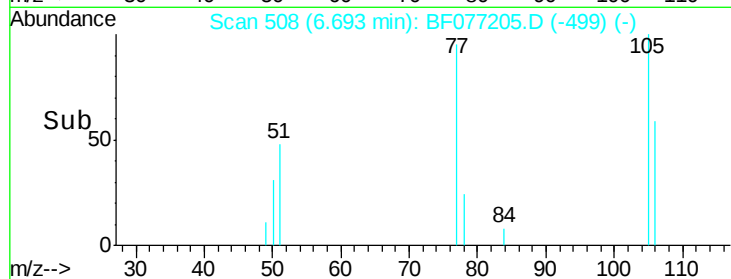
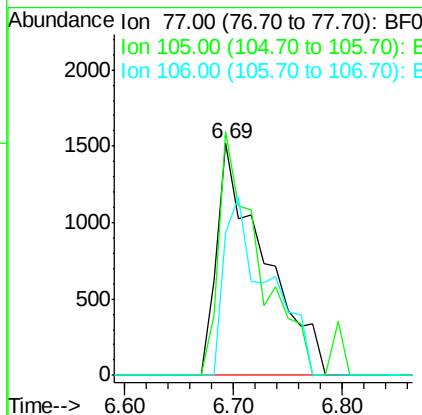
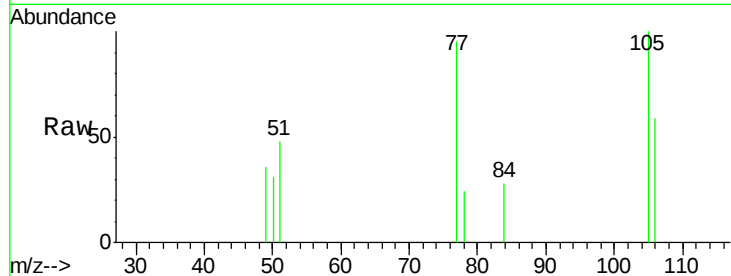
ClientSampleId :

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Tgt Ion	Ratio	Lower	Upper
77	100		
105	105.0	81.4	121.4
106	61.7	72.8	112.8



#10

Phenol

Concen: 29.96 ng

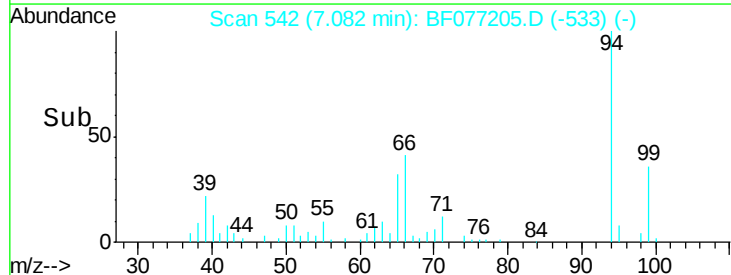
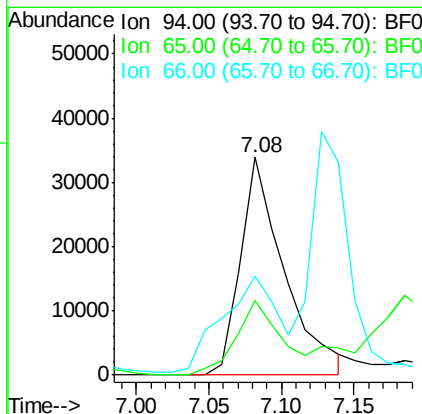
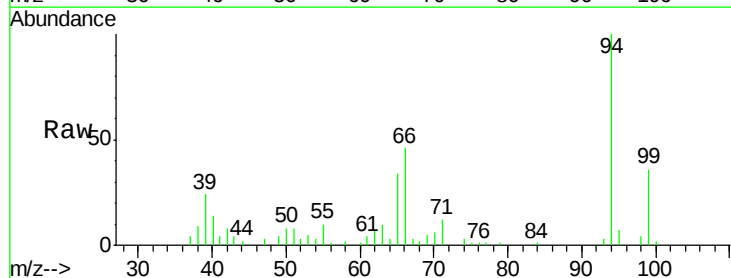
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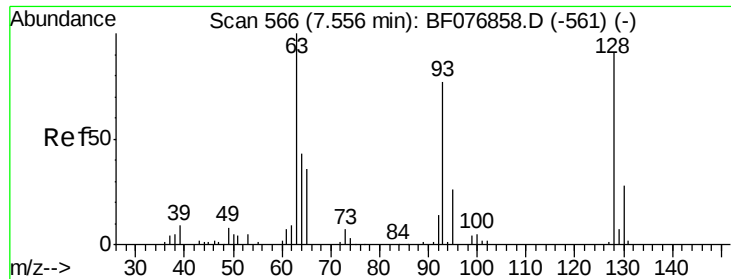
Delta R.T. 0.00 min

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Tgt Ion	Ratio	Lower	Upper
94	100		
65	34.4	11.3	51.3
66	45.7	19.5	59.5





#11

bis(2-Chloroethyl)ether

Concen: 32.44 ng

RT: 7.20 min Scan# 552

Delta R.T. 0.00 min

Lab File: BF077205.D

Acq: 6 Feb 2015 16:53

Instrument :

BNA_F

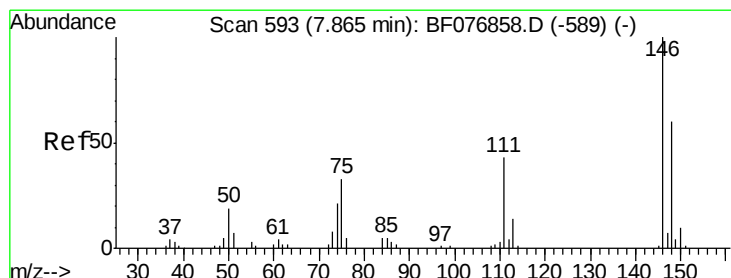
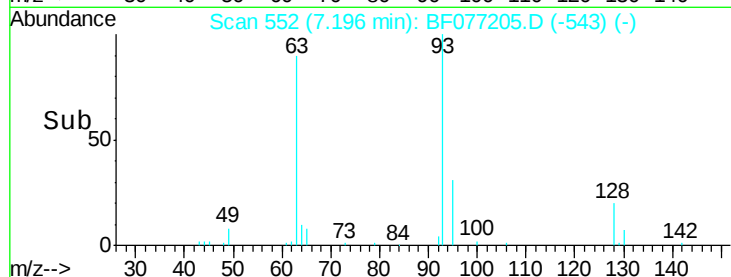
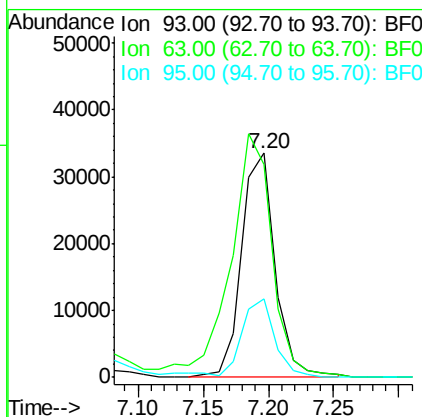
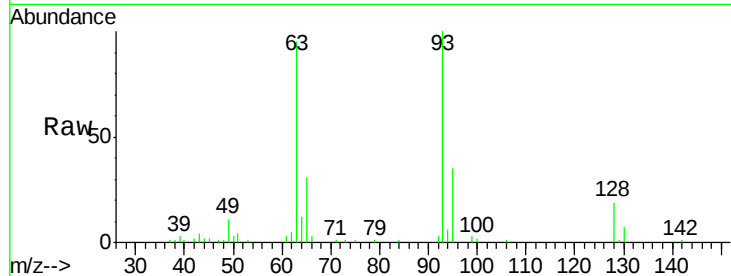
ClientSampleId :

PB81636BSD

Tgt Ion:	93	Resp:	60234
Ion	Ratio	Lower	Upper
93	100		
63	94.8	111.3	151.3#
95	35.1	13.8	53.8

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#12

1,3-Dichlorobenzene

Concen: 30.33 ng

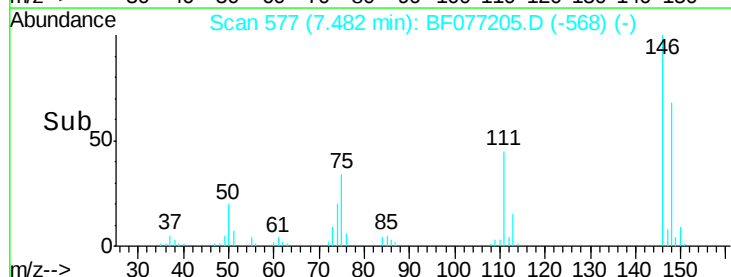
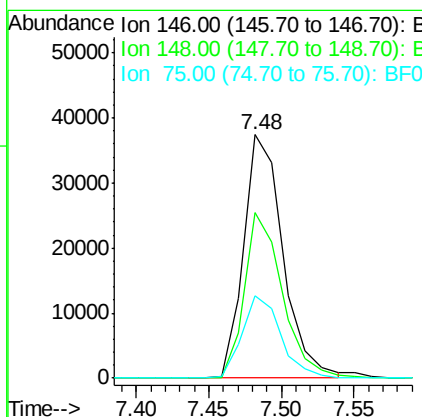
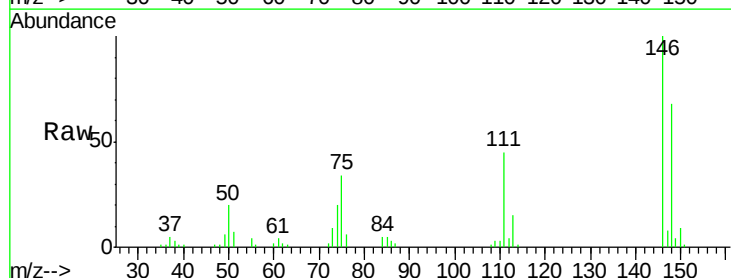
RT: 7.48 min Scan# 577

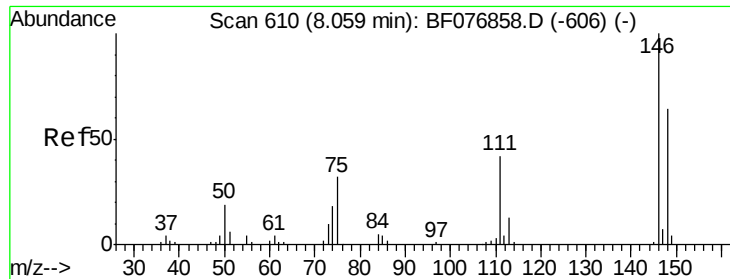
Delta R.T. 0.00 min

Lab File: BF077205.D

Acq: 6 Feb 2015 16:53

Tgt Ion:	146	Resp:	70464
Ion	Ratio	Lower	Upper
146	100		
148	68.1	48.1	72.1
75	34.0	26.8	40.2





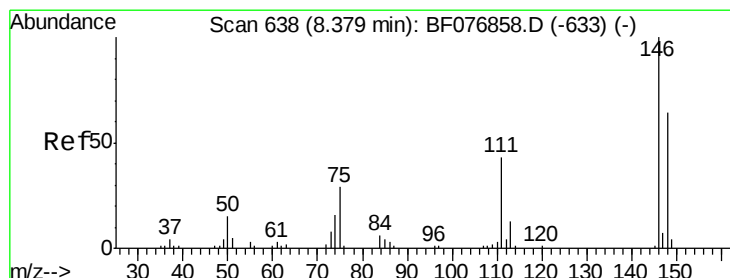
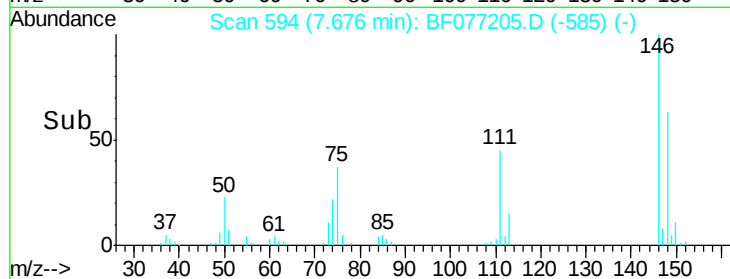
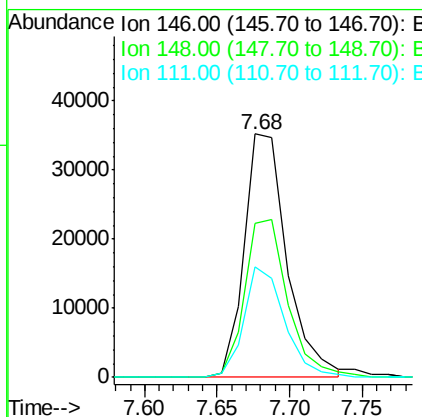
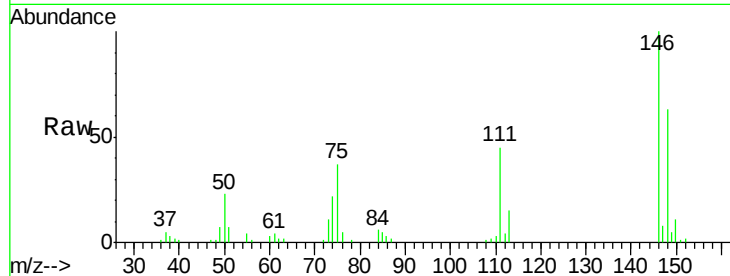
#13
 1,4-Dichlorobenzene
 Concen: 29.22 ng
 RT: 7.68 min Scan# 594
 Delta R.T. 0.00 min
 Lab File: BF077205.D
 Acq: 6 Feb 2015 16:53

Instrument :
 BNA_F
 ClientSampleId :
 PB81636BSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.5	77.3
111	45.2	33.9	50.9

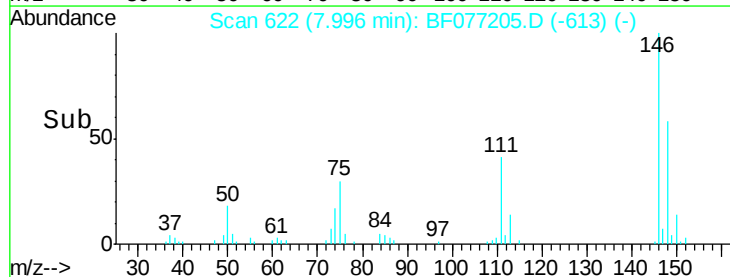
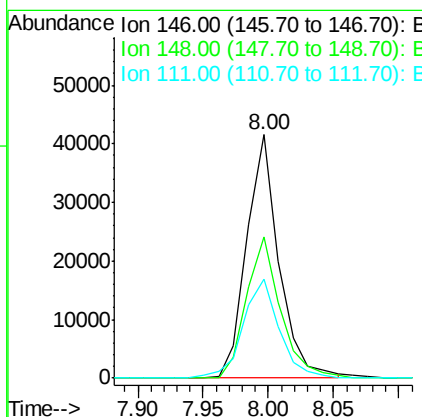
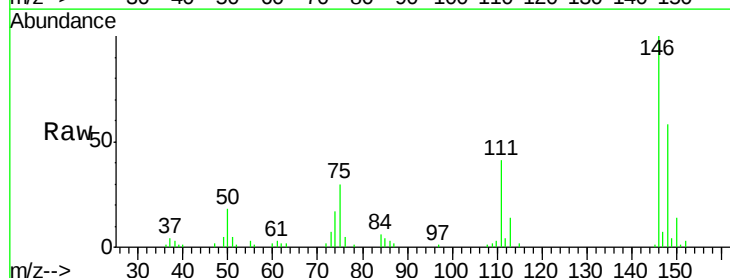
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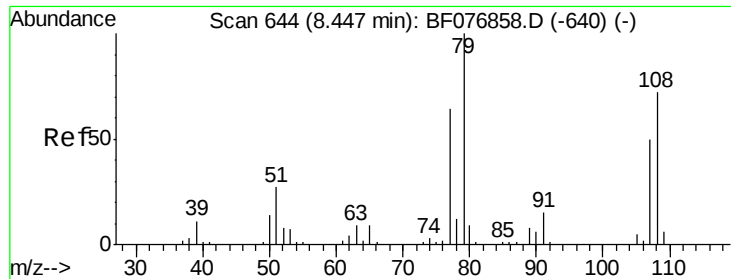
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#14
 1,2-Dichlorobenzene
 Concen: 31.67 ng
 RT: 8.00 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF077205.D
 Acq: 6 Feb 2015 16:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	58.0	51.3	76.9
111	40.7	34.5	51.7





#15

Benzyl Alcohol

Concen: 30.91 ng

RT: 8.10 min Scan# 631

Delta R.T. 0.00 min

Lab File: BF077205.D

Acq: 6 Feb 2015 16:53

Instrument :

BNA_F

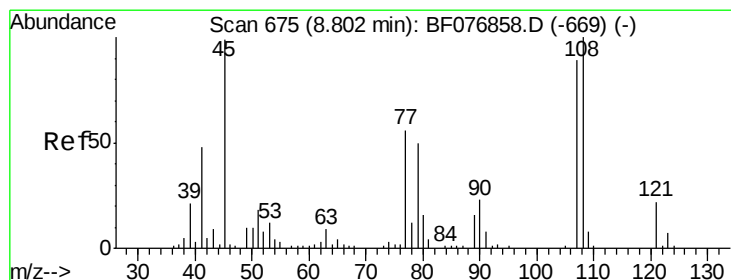
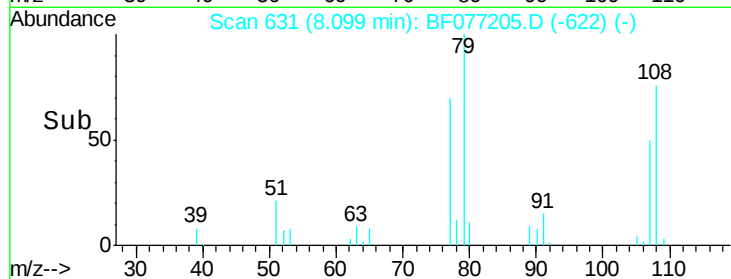
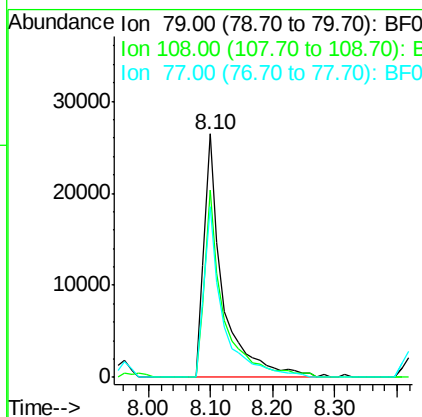
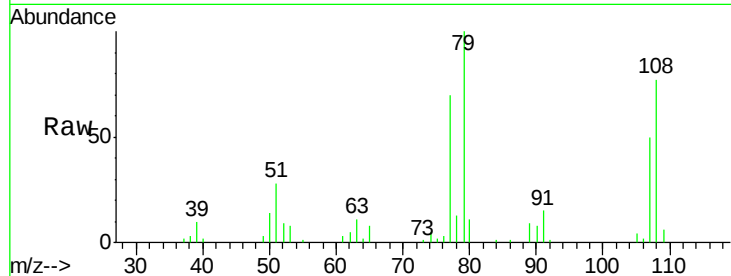
ClientSampleId :

PB81636BSD

Tgt Ion:	79	Resp:	55894
Ion Ratio	Lower	Upper	
79	100		
108	77.0	57.2	85.8
77	70.1	51.2	76.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 33.32 ng

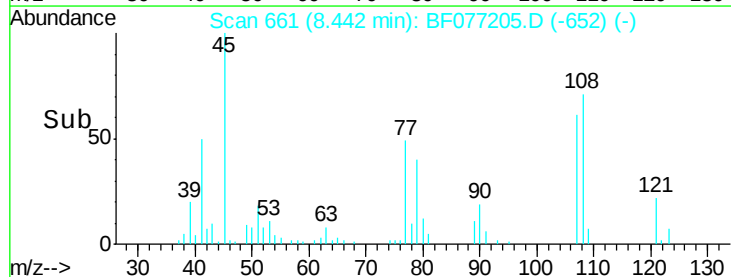
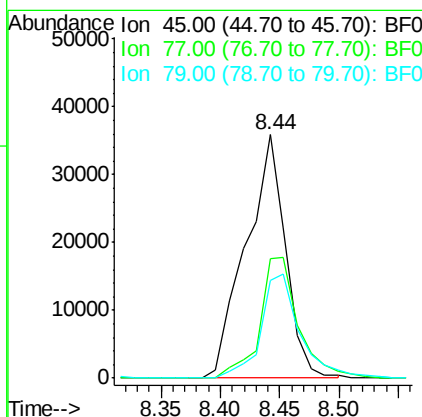
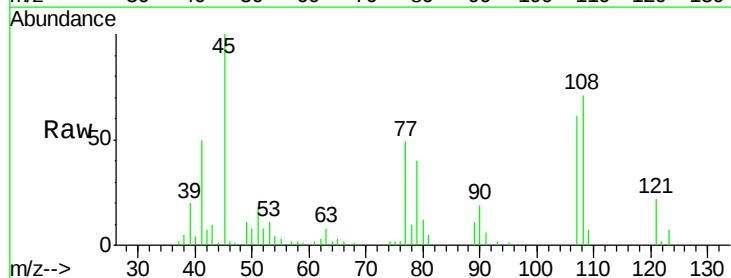
RT: 8.44 min Scan# 661

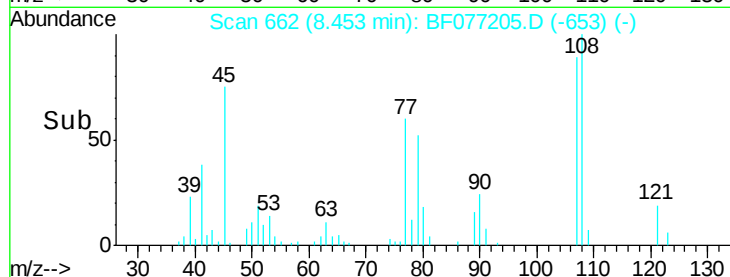
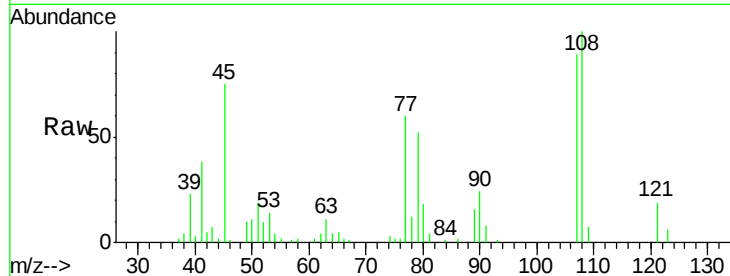
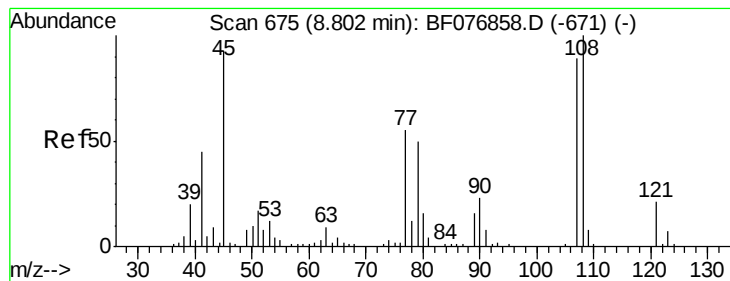
Delta R.T. 0.00 min

Lab File: BF077205.D

Acq: 6 Feb 2015 16:53

Tgt Ion:	45	Resp:	83175
Ion Ratio	Lower	Upper	
45	100		
77	49.2	36.1	76.1
79	40.4	30.5	70.5





#17

2-Methylphenol

Concen: 31.27 ng

RT: 8.45 min Scan# 662

Delta R.T. 0.00 min

Lab File: BF077205.D

Acq: 6 Feb 2015 16:53

Tgt Ion:	107	Resp:	52189
Ion Ratio	Lower	Upper	
107	100		
108	112.6	89.7	134.5
77	68.1	50.1	75.1
79	58.4	45.0	67.6

Instrument :

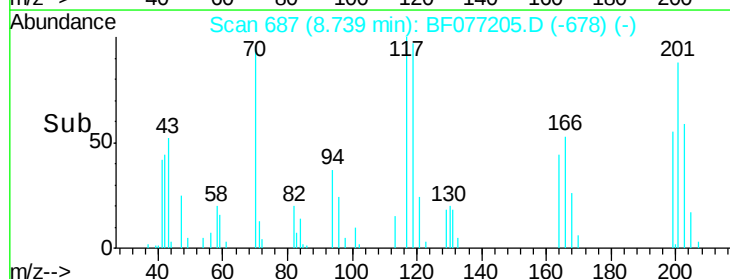
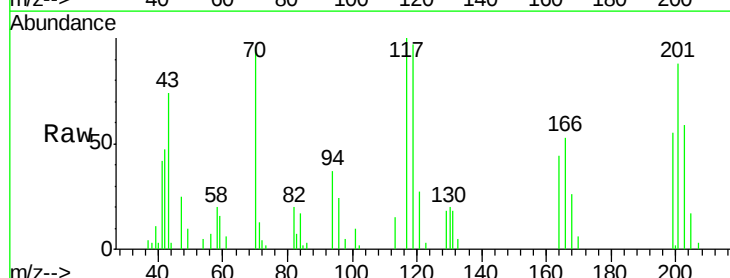
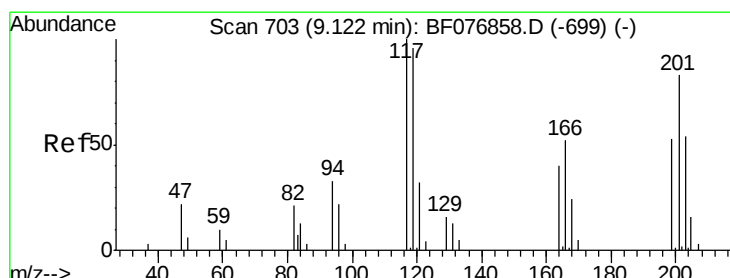
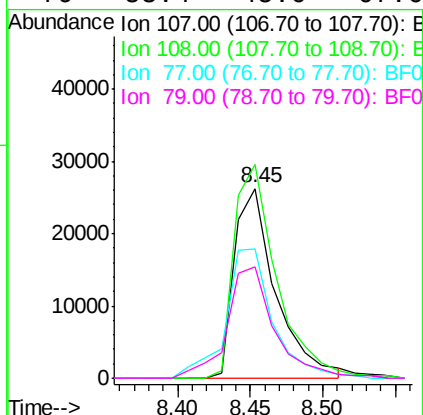
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ClientSampleId :

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#18

Hexachloroethane

Concen: 32.02 ng

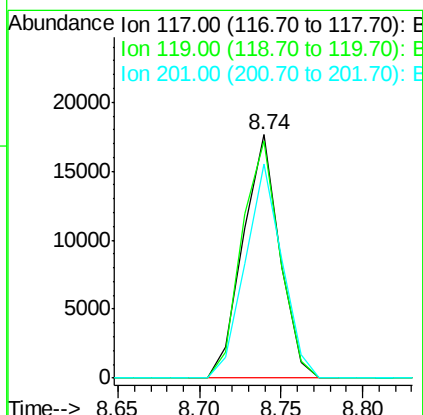
RT: 8.74 min Scan# 687

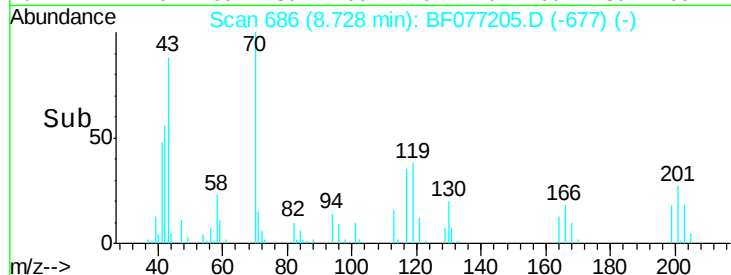
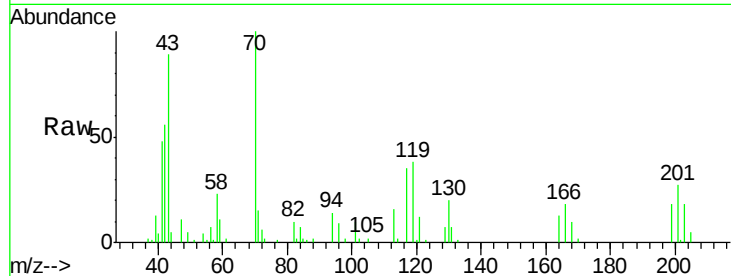
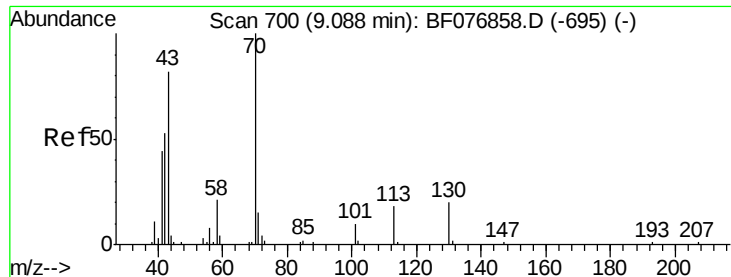
Delta R.T. 0.00 min

Lab File: BF077205.D

Acq: 6 Feb 2015 16:53

Tgt Ion:	117	Resp:	27444
Ion Ratio	Lower	Upper	
117	100		
119	97.2	77.1	115.7
201	87.8	66.8	100.2





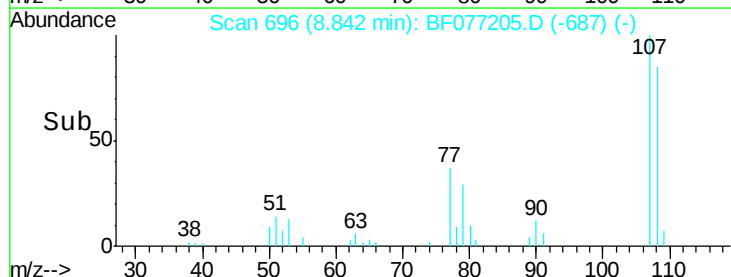
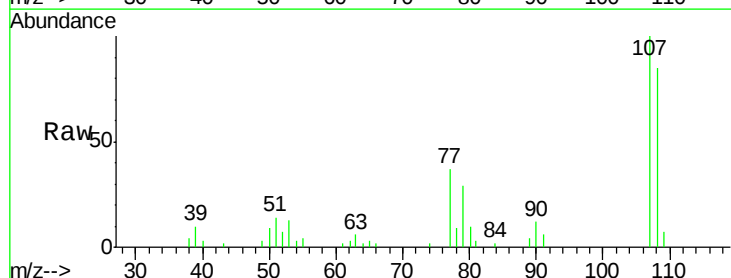
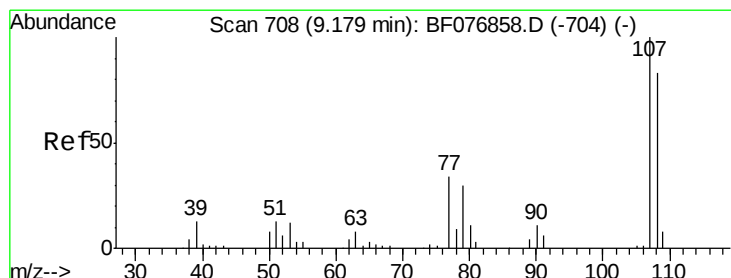
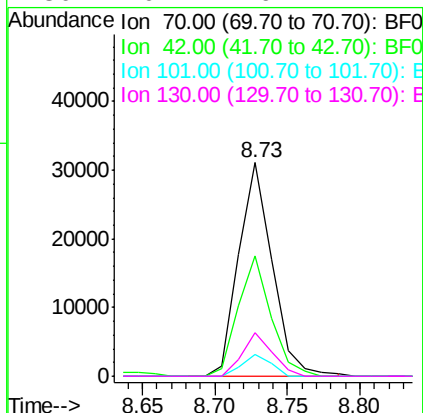
#19
n-Nitroso-di-n-propylamine
Concen: 32.05 ng
RT: 8.73 min Scan# 686
Delta R.T. 0.00 min
Lab File: BF077205.D
Acq: 6 Feb 2015 16:53

Instrument :
BNA_F
ClientSampleId :
PB81636BSD

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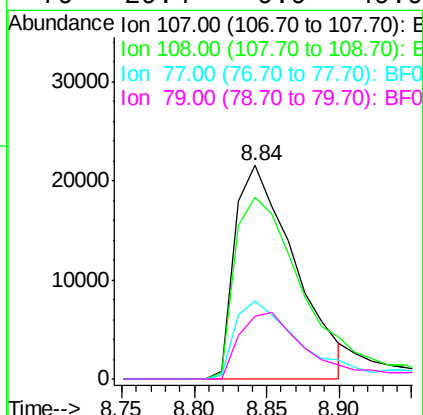
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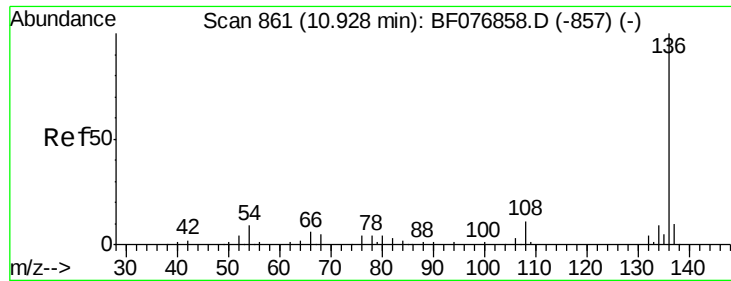
Tgt Ion	Ion	Ratio	Lower	Upper
70	100			
42	56.3	42.1	63.1	
101	10.0	7.8	11.8	
130	20.2	16.2	24.4	



#20
3+4-Methylphenols
Concen: 27.86 ng
RT: 8.84 min Scan# 696
Delta R.T. 0.00 min
Lab File: BF077205.D
Acq: 6 Feb 2015 16:53

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	85.4	63.5	103.5	
77	36.7	14.0	54.0	
79	29.4	9.9	49.9	





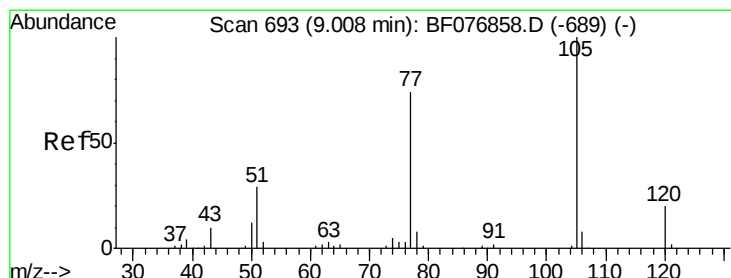
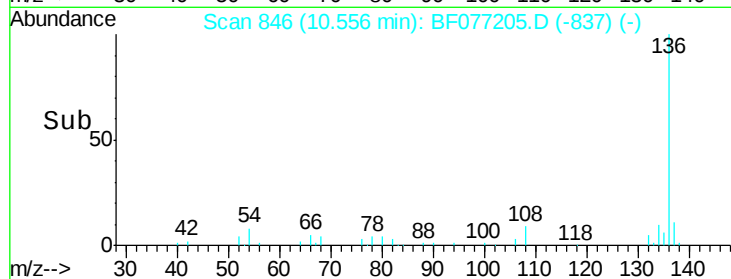
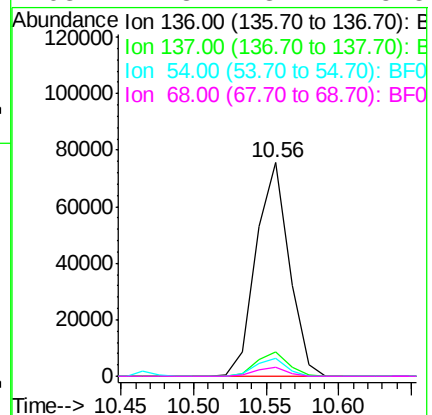
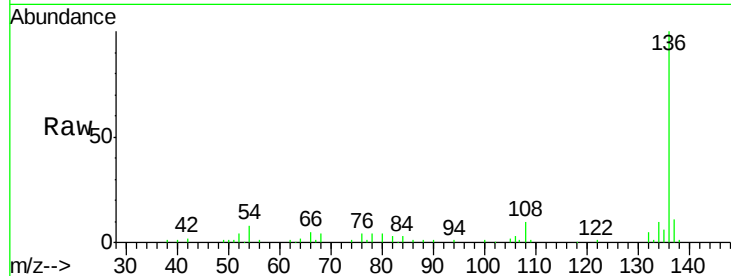
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.56 min Scan# 846
Delta R.T. 0.00 min
Lab File: BF077205.D
Acq: 6 Feb 2015 16:53

Instrument :
BNA_F
ClientSampleId :
PB81636BSD

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	119325		
137	11.3	8.1	12.1	
54	8.3	7.0	10.4	
68	4.3	3.7	5.5	

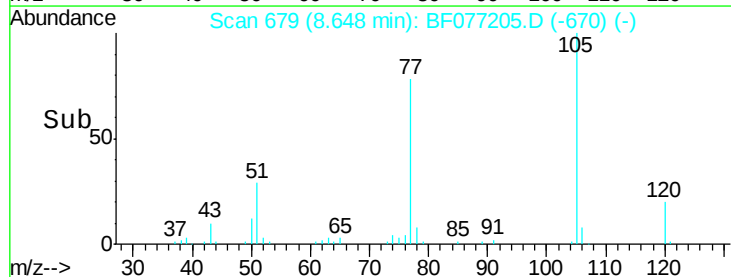
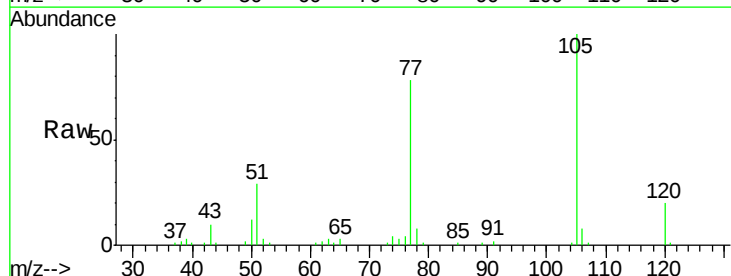
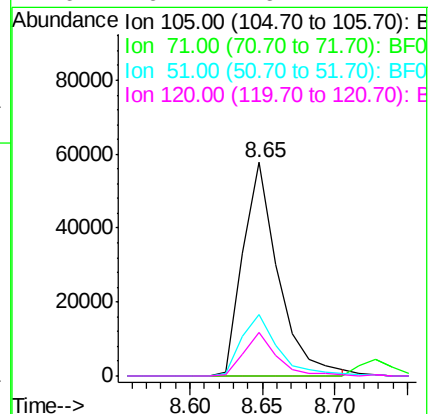
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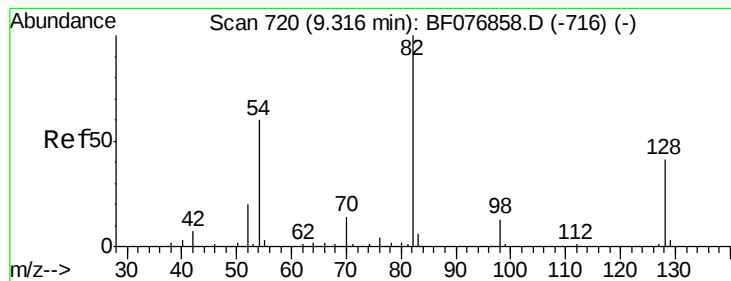
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#22
Acetophenone
Concen: 33.44 ng
RT: 8.65 min Scan# 679
Delta R.T. 0.00 min
Lab File: BF077205.D
Acq: 6 Feb 2015 16:53

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	97733		
71	0.0	0.0	0.0	
51	29.0	23.3	34.9	
120	20.4	16.1	24.1	





#23

Nitrobenzene-d5

Concen: 68.47 ng

RT: 8.96 min Scan# 706

Delta R.T. 0.00 min

Lab File: BF077205.D

Acq: 6 Feb 2015 16:53

Instrument :

BNA_F

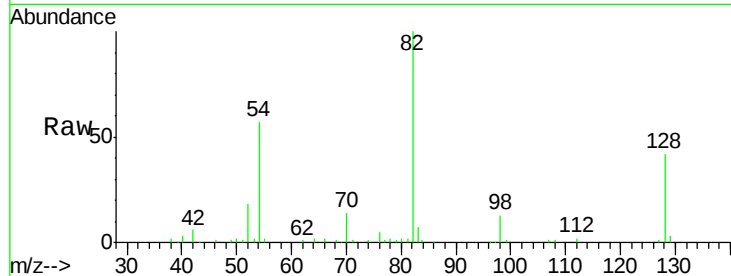
ClientSampleId :

PB81636BSD

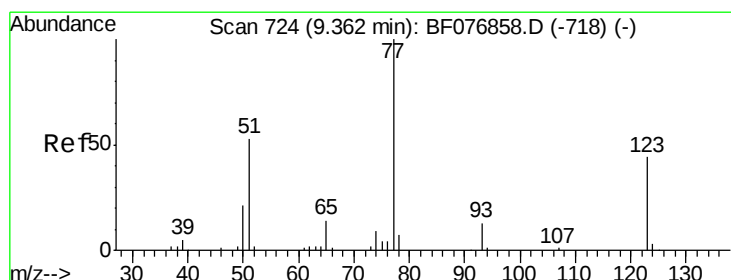
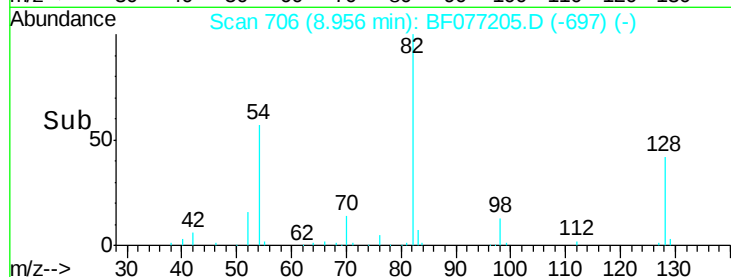
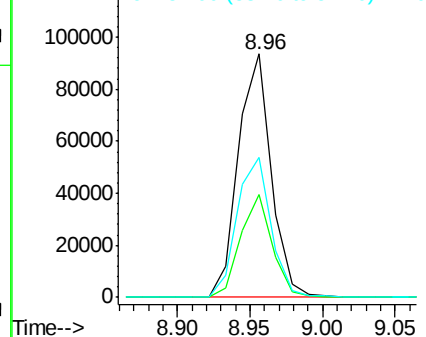
Tgt Ion:	82	Resp:	147472
Ion Ratio	Lower	Upper	
82	100		
128	42.0	33.1	49.7
54	57.5	48.3	72.5

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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: 31.98 ng

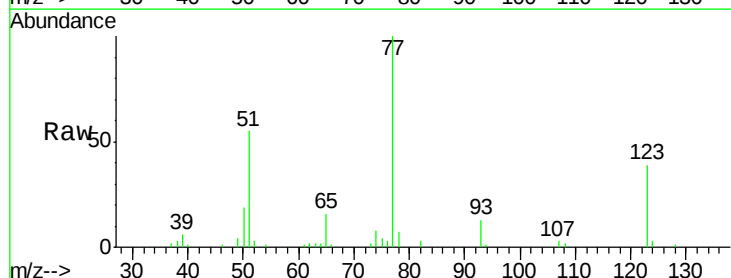
RT: 8.99 min Scan# 709

Delta R.T. -0.01 min

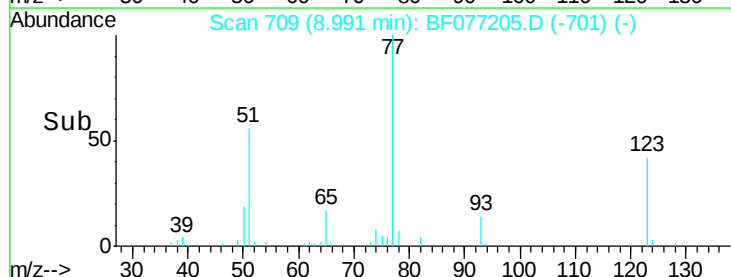
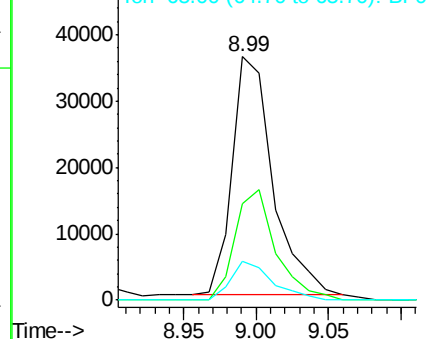
Lab File: BF077205.D

Acq: 6 Feb 2015 16:53

Tgt Ion:	77	Resp:	70163
Ion Ratio	Lower	Upper	
77	100		
123	39.4	35.2	52.8
65	15.8	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: 33.89 ng

RT: 9.60 min Scan# 762

Delta R.T. 0.00 min

Lab File: BF077205.D

Acq: 6 Feb 2015 16:53

Instrument :

BNA_F

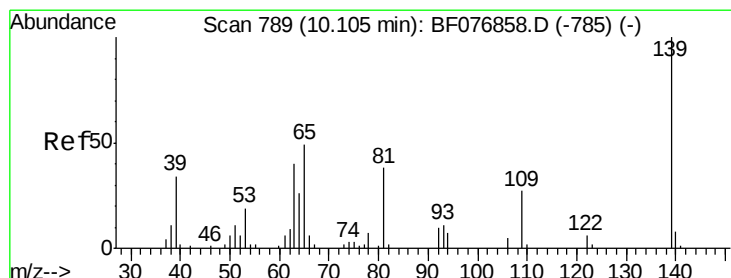
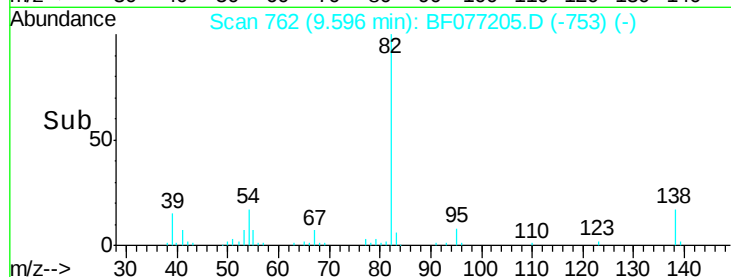
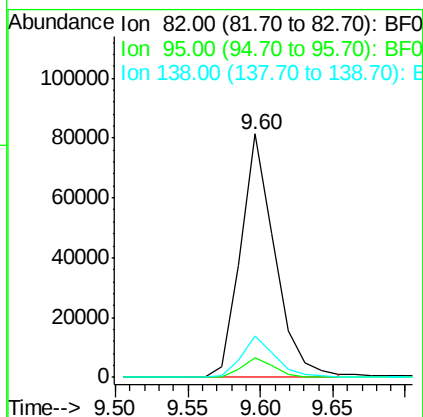
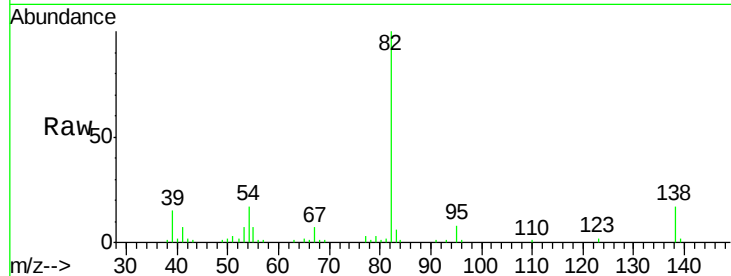
ClientSampleId :

PB81636BSD

Tgt Ion:	82	Resp:	132946
Ion Ratio		Lower	Upper
82	100		
95	8.1	6.6	10.0
138	17.0	12.6	18.8

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#26

2-Nitrophenol

Concen: 29.93 ng

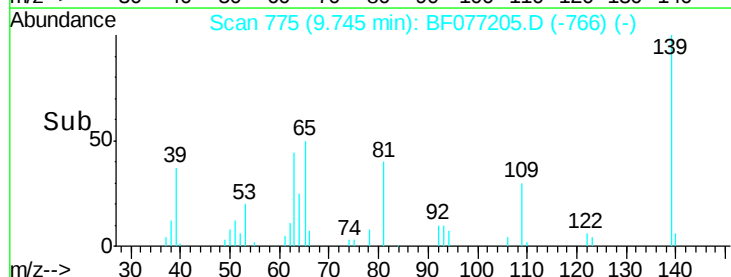
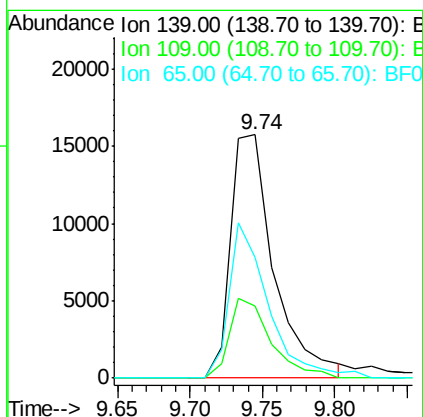
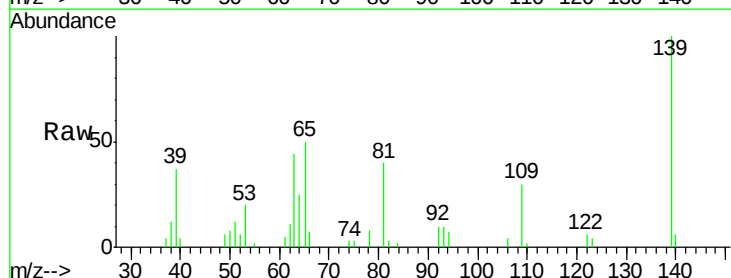
RT: 9.74 min Scan# 775

Delta R.T. 0.00 min

Lab File: BF077205.D

Acq: 6 Feb 2015 16:53

Tgt Ion:	139	Resp:	32857
Ion Ratio		Lower	Upper
139	100		
109	29.8	21.3	31.9
65	49.7	39.4	59.0





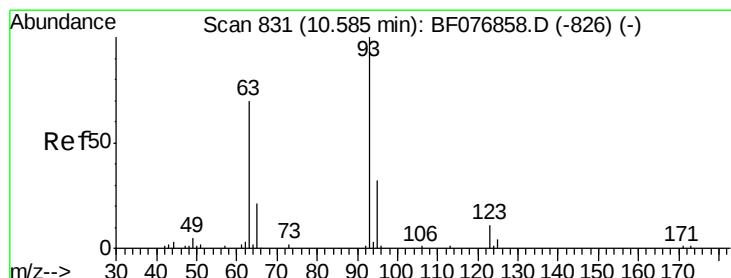
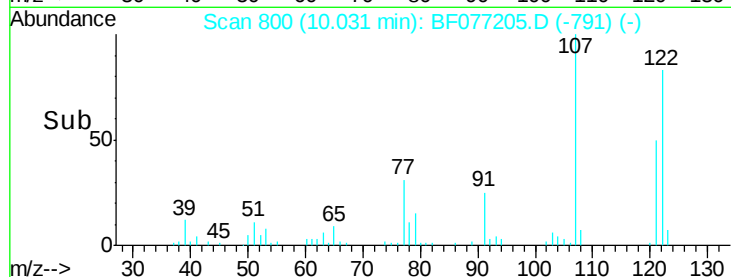
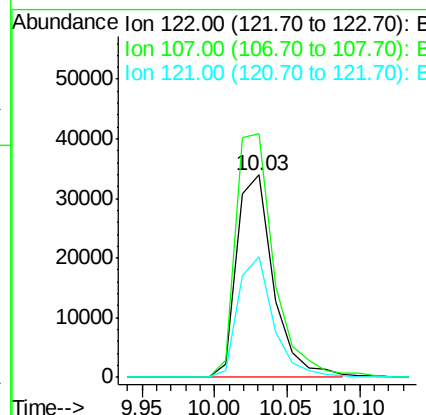
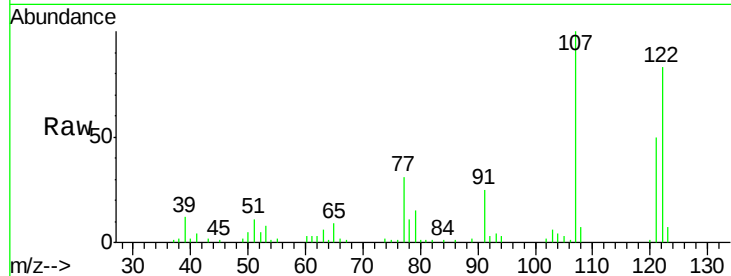
#27
 2,4-Dimethylphenol
 Concen: 35.29 ng
 RT: 10.03 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF077205.D
 Acq: 6 Feb 2015 16:53

Instrument :
 BNA_F
 ClientSampleId :
 PB81636BSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	59868		
107	120.4	95.2	142.8	
121	59.9	42.9	64.3	

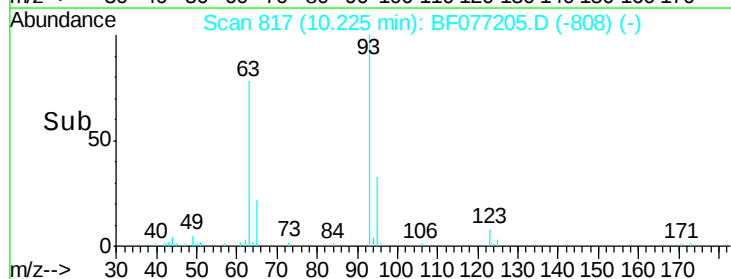
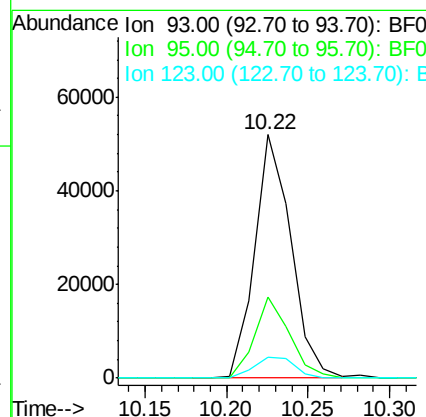
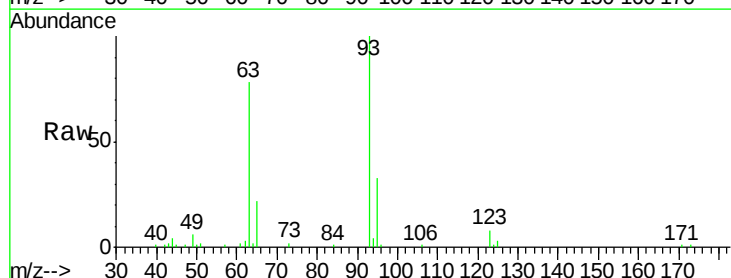
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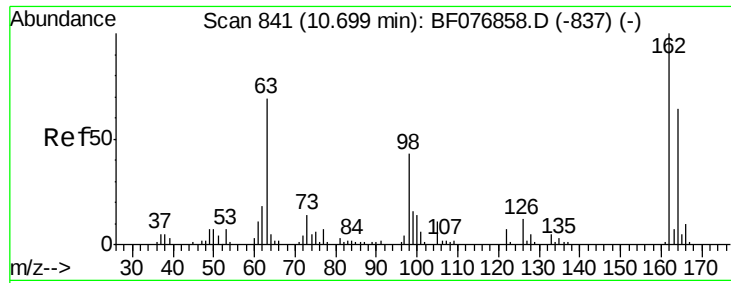
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#28
 bis(2-Chloroethoxy)methane
 Concen: 36.11 ng
 RT: 10.22 min Scan# 817
 Delta R.T. 0.00 min
 Lab File: BF077205.D
 Acq: 6 Feb 2015 16:53

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	80496		
95	33.1	25.6	38.4	
123	8.3	8.9	13.3	





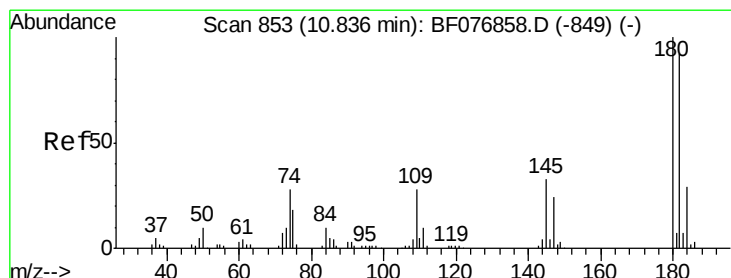
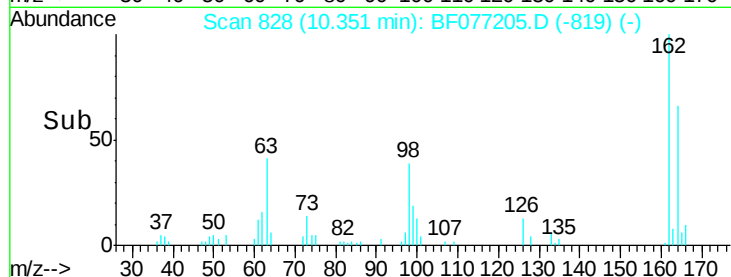
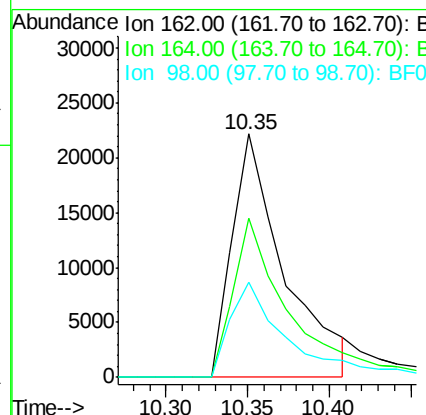
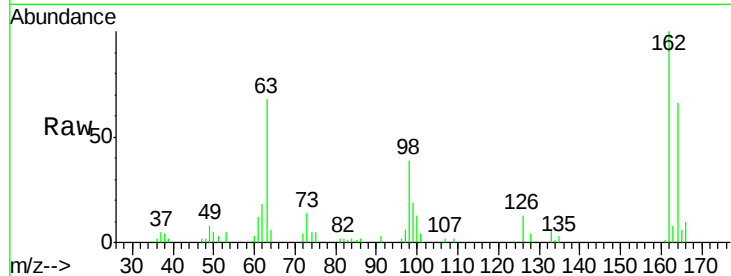
#29
 2,4-Dichlorophenol
 Concen: 30.94 ng
 RT: 10.35 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BF077205.D
 Acq: 6 Feb 2015 16:53

Instrument :
 BNA_F
 ClientSampleId :
 PB81636BSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	48928		
164	65.5	43.8	83.8	
98	38.9	22.5	62.5	

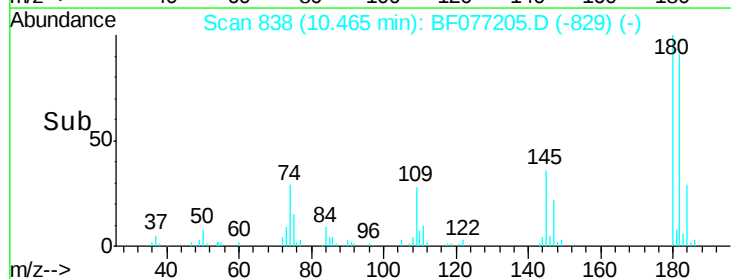
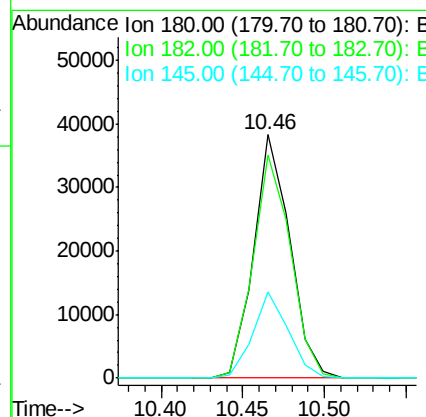
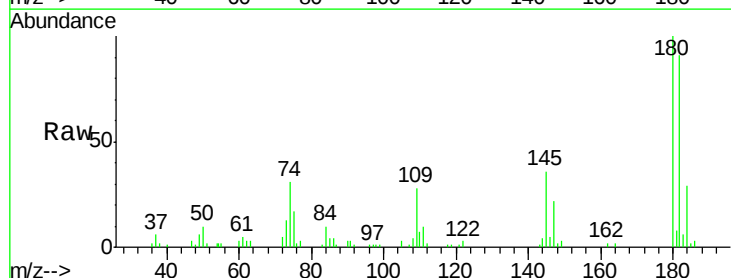
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#30
 1,2,4-Trichlorobenzene
 Concen: 33.69 ng
 RT: 10.46 min Scan# 838
 Delta R.T. 0.00 min
 Lab File: BF077205.D
 Acq: 6 Feb 2015 16:53

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	59169		
182	91.4	73.6	110.4	
145	35.6	26.6	39.8	





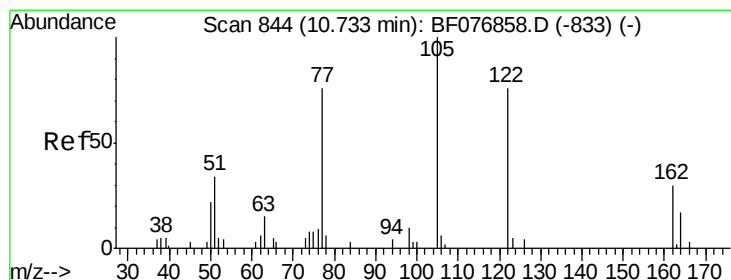
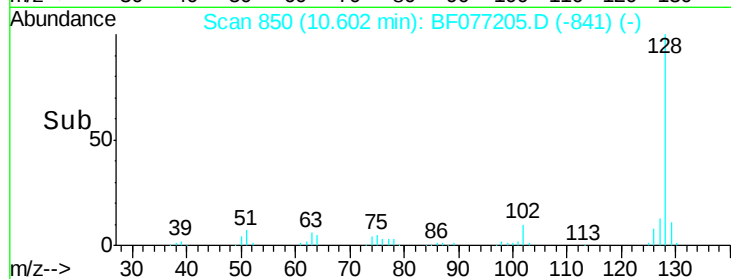
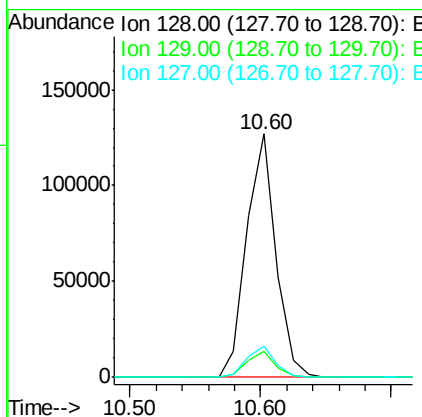
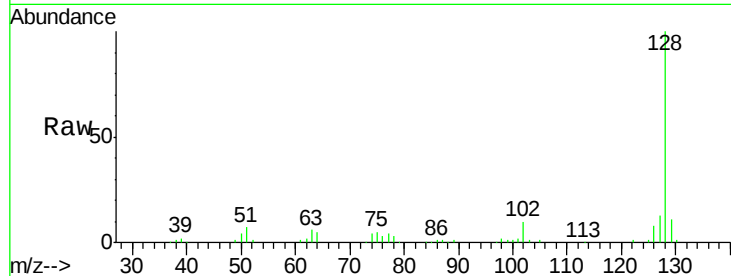
#31
Naphthalene
Concen: 32.23 ng
RT: 10.60 min Scan# 850
Delta R.T. 0.00 min
Lab File: BF077205.D
Acq: 6 Feb 2015 16:53

Instrument :
BNA_F
ClientSampleId :
PB81636BSD

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	198013		
129	10.6	9.0	13.6	
127	12.7	10.2	15.2	

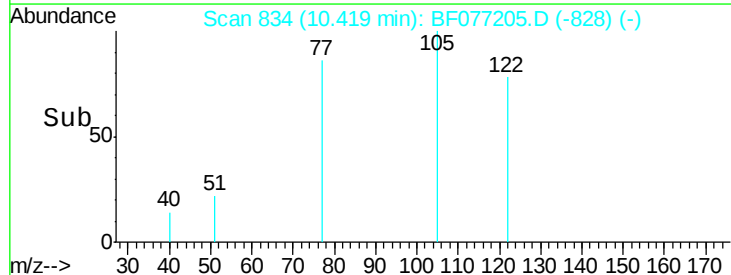
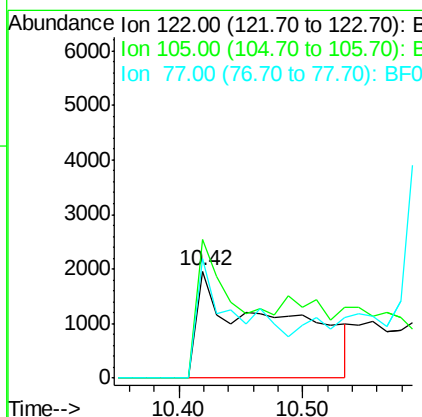
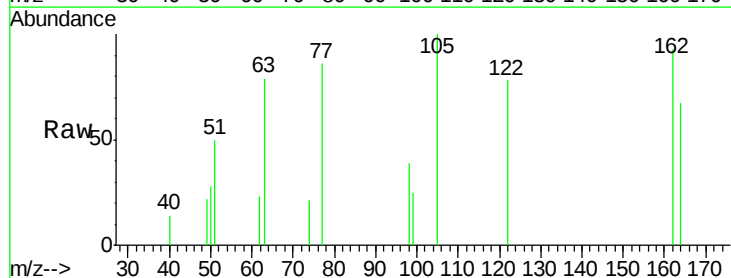
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#32
Benzoic acid
Concen: 9.40 ng m
RT: 10.42 min Scan# 834
Delta R.T. -0.03 min
Lab File: BF077205.D
Acq: 6 Feb 2015 16:53

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	8837		
105	128.8	111.3	151.3	
77	111.0	79.2	119.2	





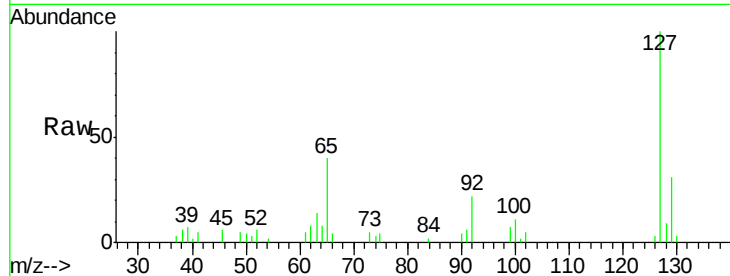
#33
4-Chloroaniline
Concen: 16.21 ng
RT: 10.87 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF077205.D
Acq: 6 Feb 2015 16:53

Instrument :
BNA_F
ClientSampleId :
PB81636BSD

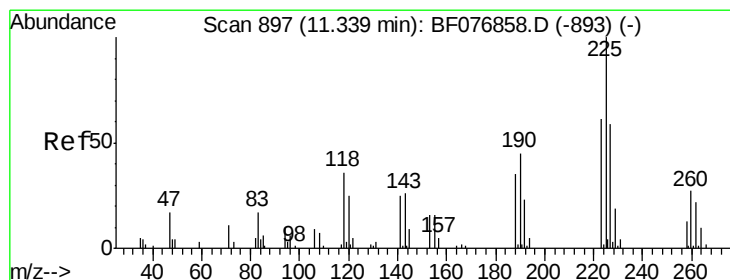
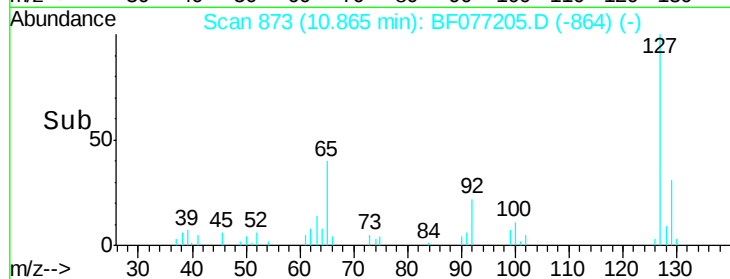
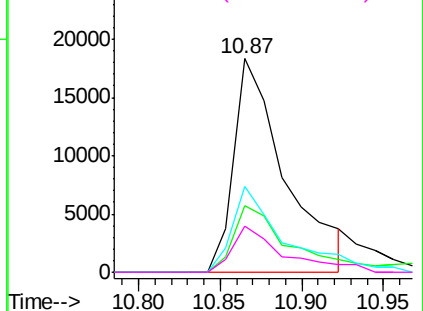
Tgt Ion	Ratio	Resp	Lower	Upper
127	100	40246		
129	31.3	25.3	37.9	
65	40.0	27.8	41.6	
92	21.9	16.5	24.7	

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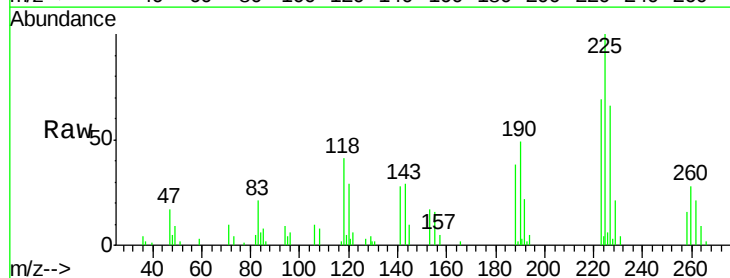


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

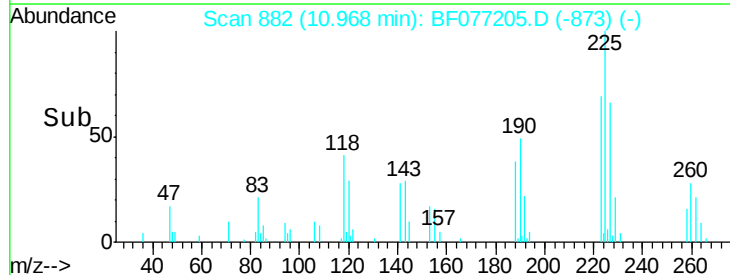
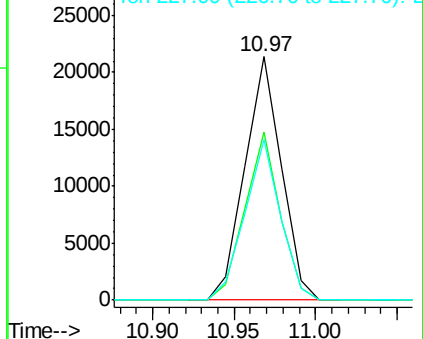


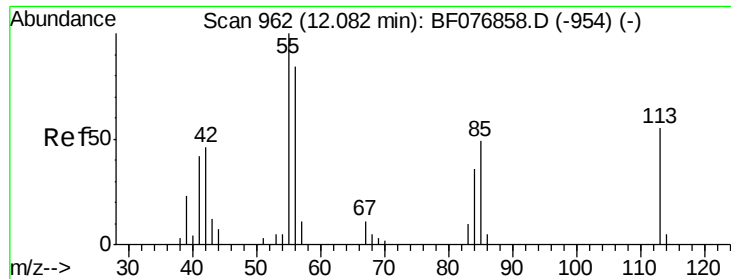
#34
Hexachlorobutadiene
Concen: 31.87 ng
RT: 10.97 min Scan# 882
Delta R.T. 0.00 min
Lab File: BF077205.D
Acq: 6 Feb 2015 16:53

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	33211		
223	69.1	49.1	73.7	
227	65.9	47.5	71.3	



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





#35

Caprolactam

Concen: 25.79 ng

RT: 11.71 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF077205.D

Acq: 6 Feb 2015 16:53

Instrument :

BNA_F

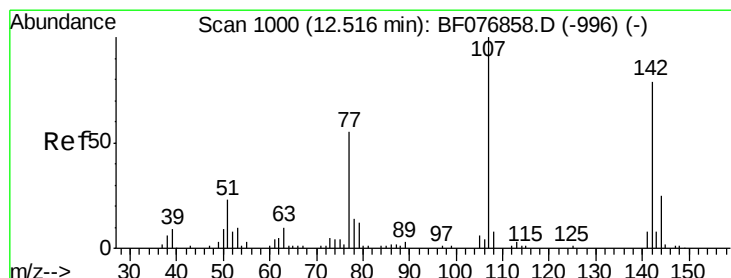
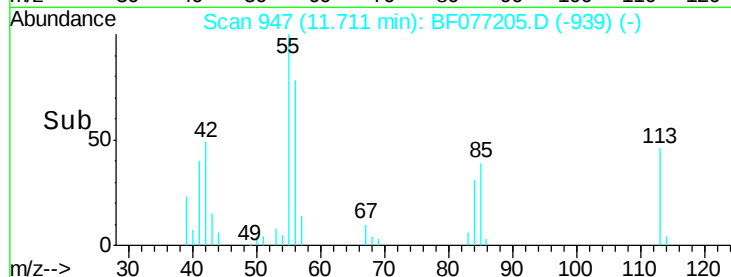
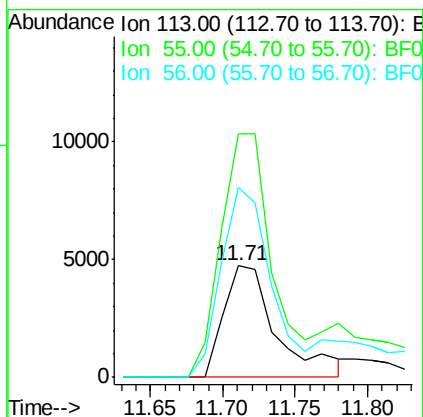
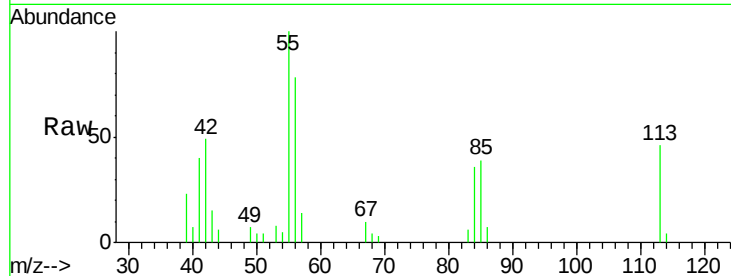
ClientSampleId :

PB81636BSD

Tgt Ion:113 Resp: 12005
 Ion Ratio Lower Upper
 113 100
 55 218.6 162.1 202.1#
 56 170.5 133.7 173.7

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#36

4-Chloro-3-methylphenol

Concen: 33.00 ng

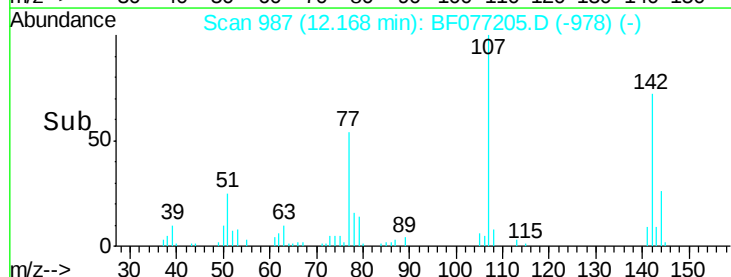
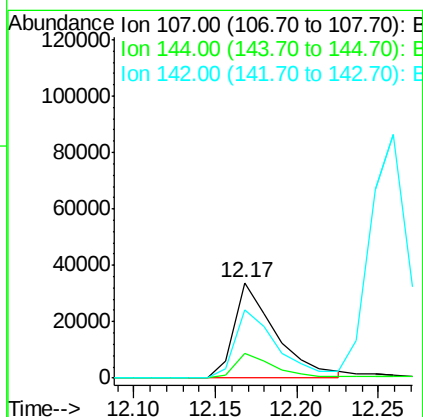
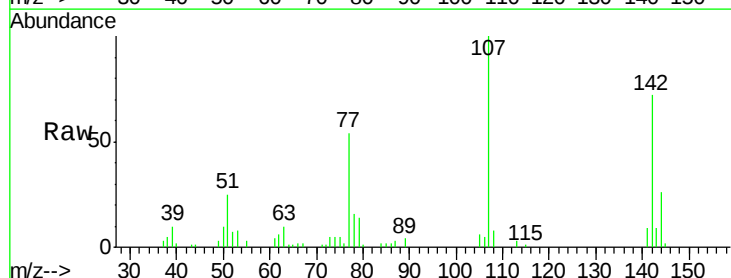
RT: 12.17 min Scan# 987

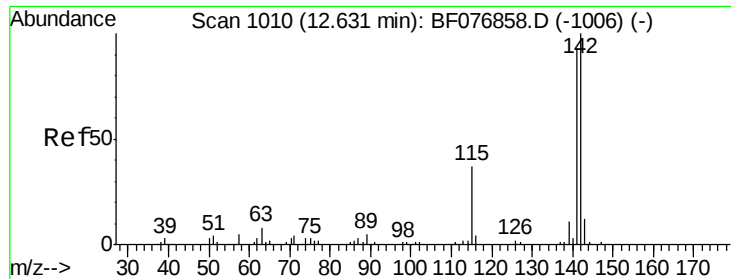
Delta R.T. 0.00 min

Lab File: BF077205.D

Acq: 6 Feb 2015 16:53

Tgt Ion:107 Resp: 59746
 Ion Ratio Lower Upper
 107 100
 144 25.6 20.0 30.0
 142 72.2 63.5 95.3





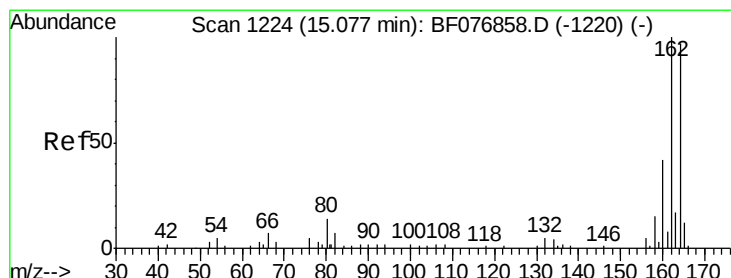
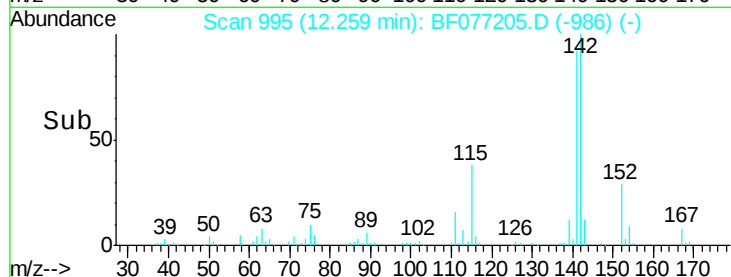
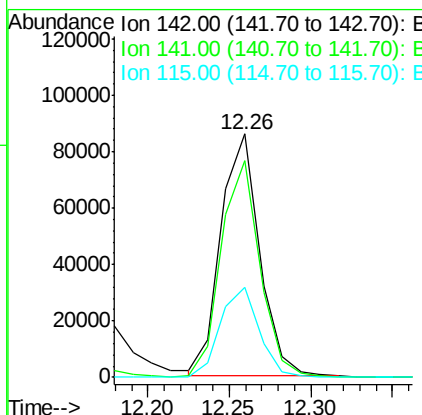
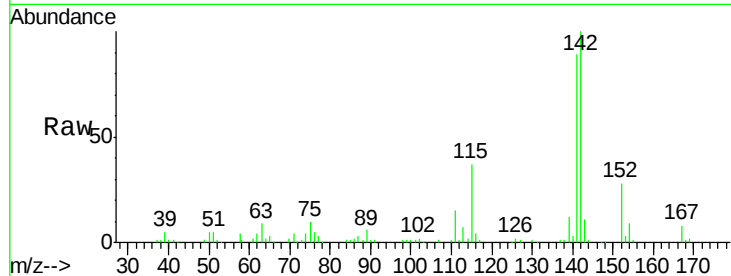
#37
2-Methylnaphthalene
Concen: 33.42 ng
RT: 12.26 min Scan# 995
Delta R.T. 0.00 min
Lab File: BF077205.D
Acq: 6 Feb 2015 16:53

Instrument :
BNA_F
ClientSampleId :
PB81636BSD

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	140222		
141	89.1	74.5	111.7	
115	37.0	29.7	44.5	

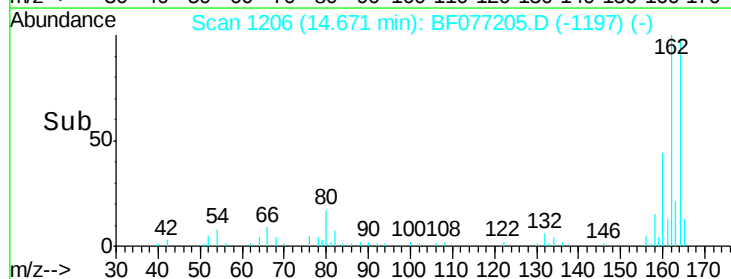
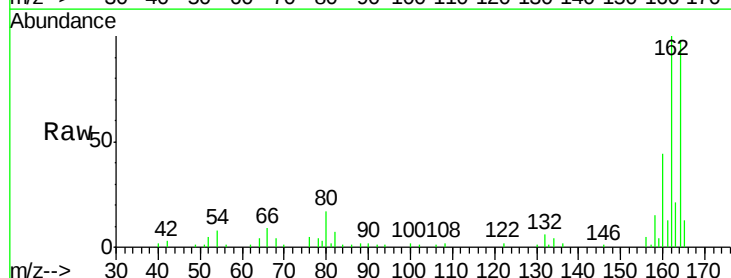
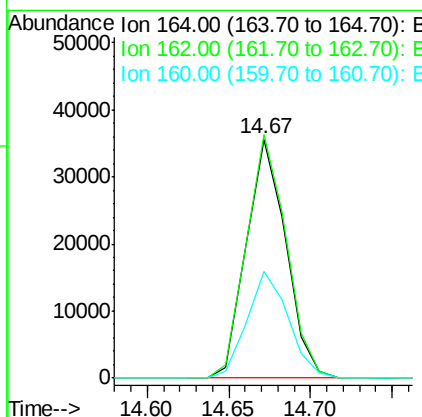
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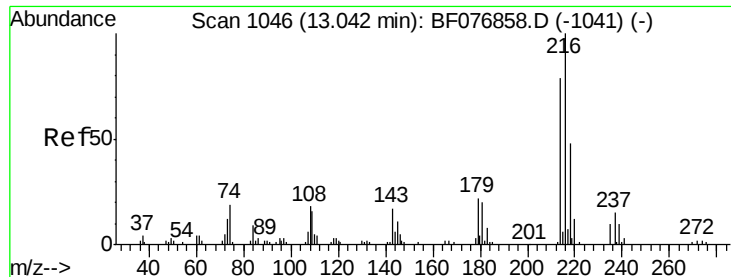
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.67 min Scan# 1206
Delta R.T. 0.00 min
Lab File: BF077205.D
Acq: 6 Feb 2015 16:53

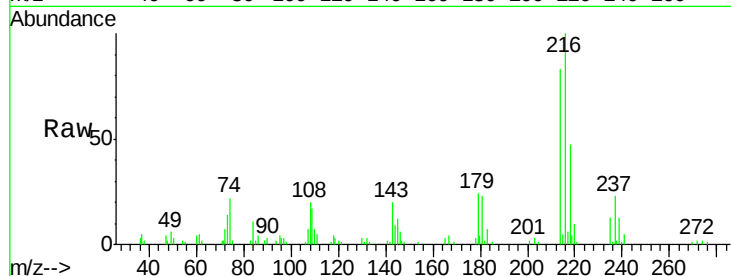
Tgt Ion	Ratio	Resp	Lower	Upper
164	100	59828		
162	102.0	82.4	123.6	
160	44.6	34.8	52.2	





#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.47 ng
 RT: 12.66 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: BF077205.D
 Acq: 6 Feb 2015 16:53

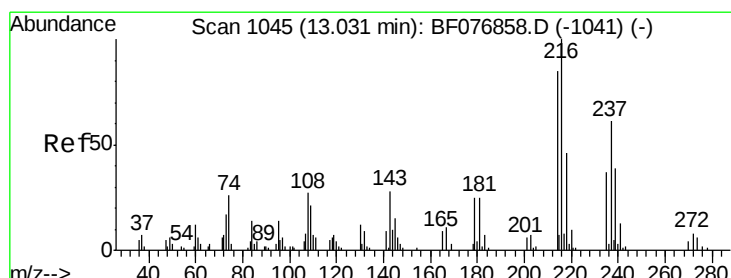
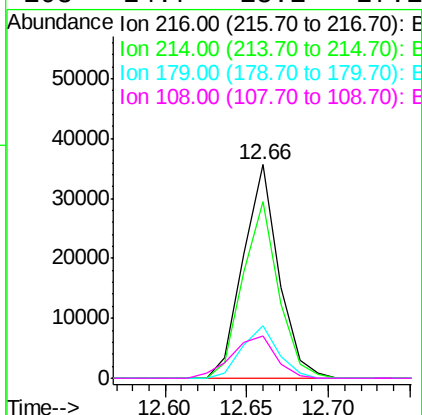
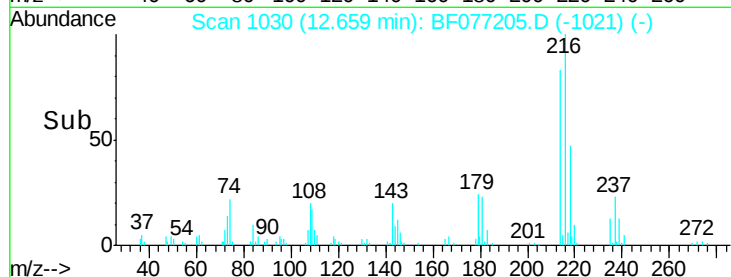
Instrument :
 BNA_F
 ClientSampleId :
 PB81636BSD



Tgt Ion	Ratio	Lower	Upper
216	100		
214	82.8	64.9	97.3
179	24.9	18.6	28.0
108	24.7	18.1	27.1

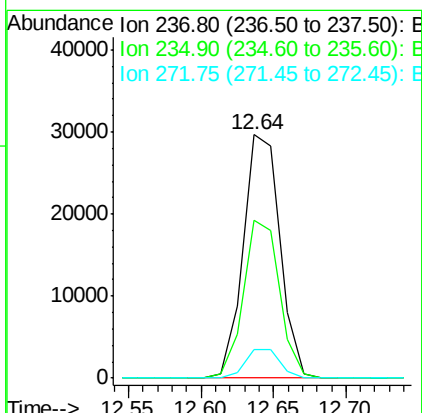
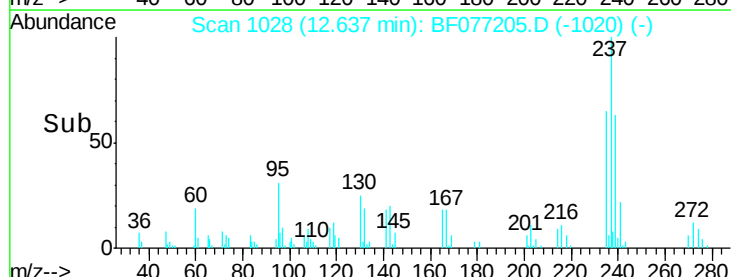
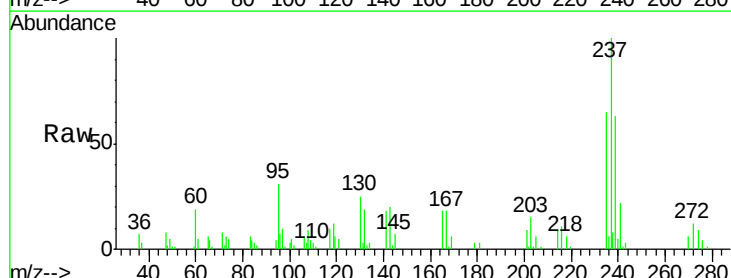
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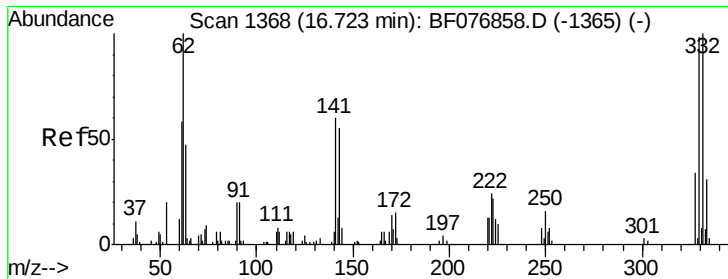
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#40
 Hexachlorocyclopentadiene
 Concen: 66.13 ng
 RT: 12.64 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BF077205.D
 Acq: 6 Feb 2015 16:53

Tgt Ion	Ratio	Lower	Upper
237	100		
235	64.6	40.4	80.4
272	11.7	0.0	33.2





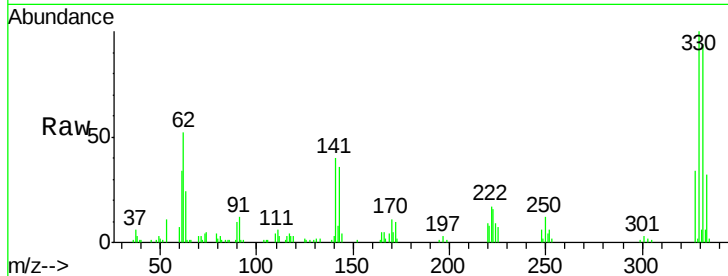
#41
 2,4,6-Tribromophenol
 Concen: 124.57 ng
 RT: 16.42 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: BF077205.D
 Acq: 6 Feb 2015 16:53

Instrument :
 BNA_F
 ClientSampleId :
 PB81636BSD

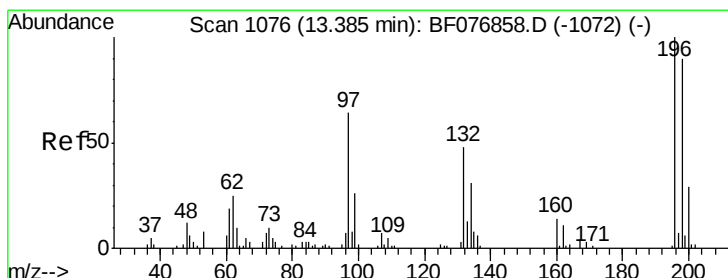
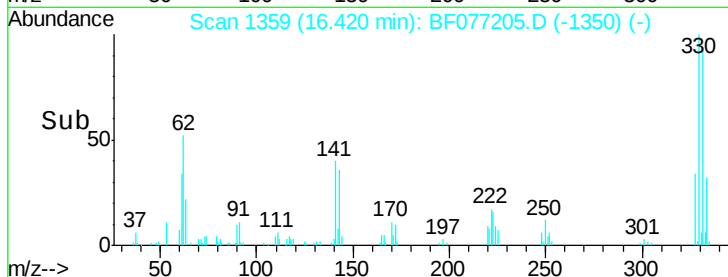
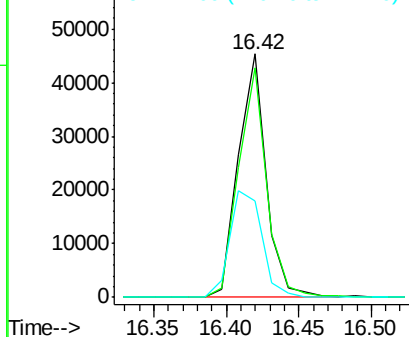
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	60497		
332	95.0	77.8	116.6	
141	50.4	38.5	57.7	

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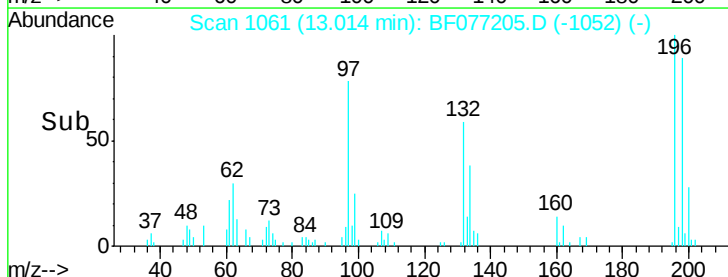
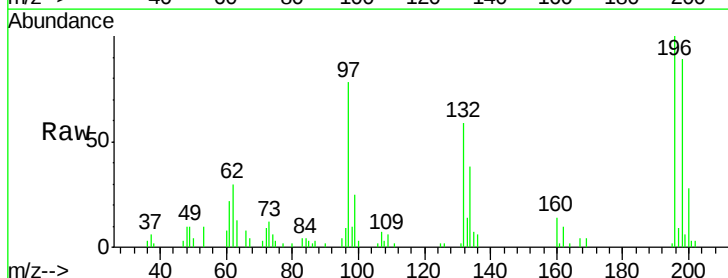
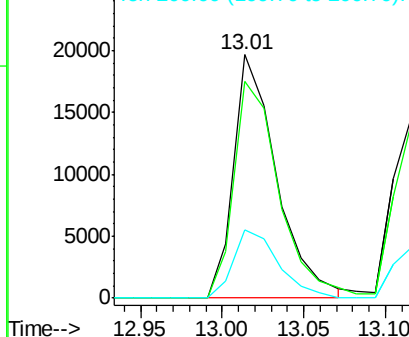
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 33.39 ng
 RT: 13.01 min Scan# 1061
 Delta R.T. 0.00 min
 Lab File: BF077205.D
 Acq: 6 Feb 2015 16:53

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	35983		
198	89.0	72.0	108.0	
200	28.0	23.4	35.2	

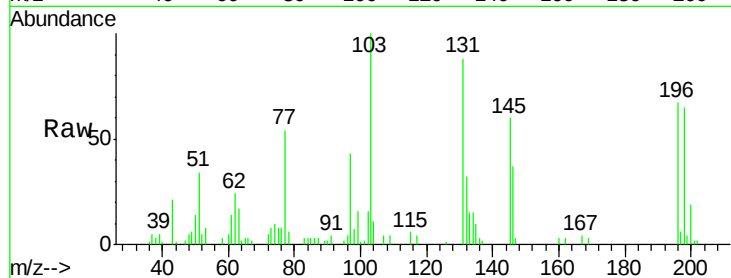
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





#43
 2,4,5-Trichlorophenol
 Concen: 29.00 ng
 RT: 13.12 min Scan# 1070
 Delta R.T. 0.00 min
 Lab File: BF077205.D
 Acq: 6 Feb 2015 16:53

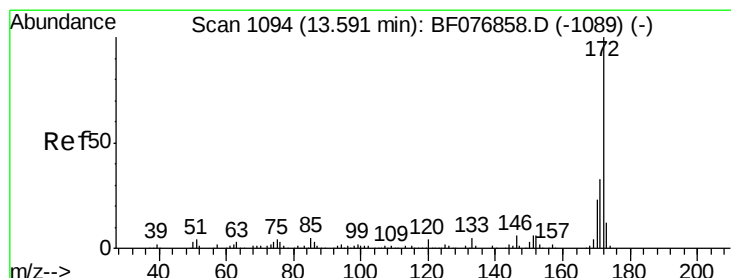
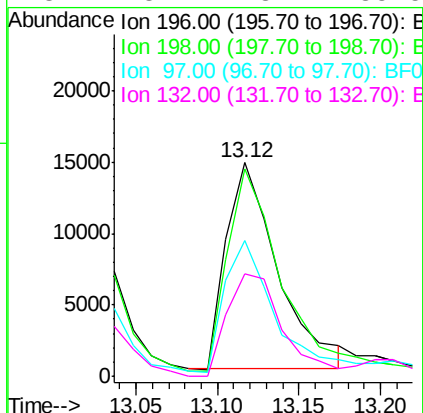
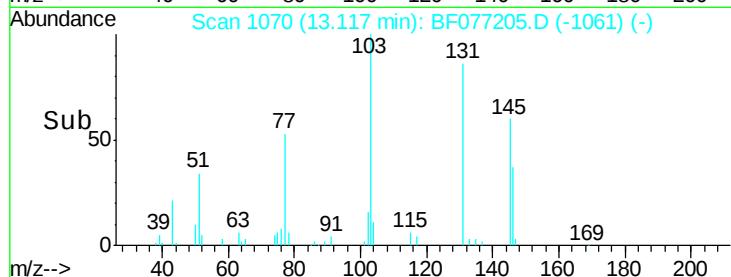
Instrument :
 BNA_F
 ClientSampleId :
 PB81636BSD



Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.2	76.6	115.0
97	63.8	43.4	65.0
132	48.1	23.7	35.5#

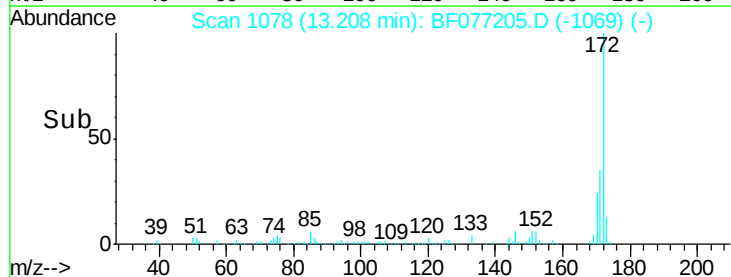
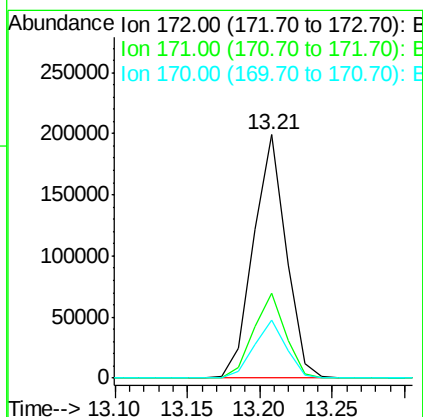
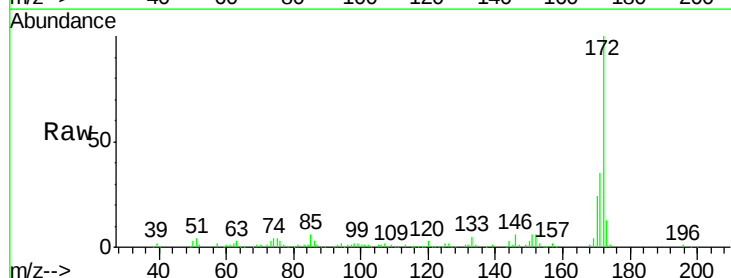
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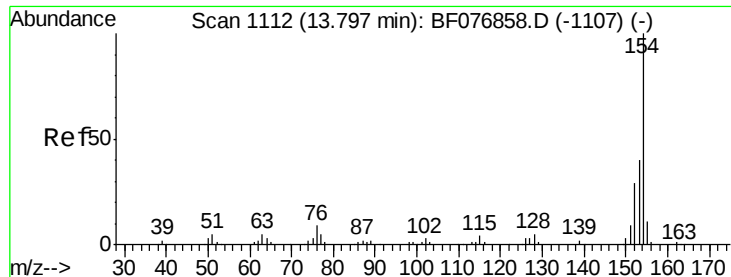
apatel
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#44
 2-Fluorobiphenyl
 Concen: 78.88 ng
 RT: 13.21 min Scan# 1078
 Delta R.T. 0.00 min
 Lab File: BF077205.D
 Acq: 6 Feb 2015 16:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	26.6	40.0
170	23.8	18.0	27.0





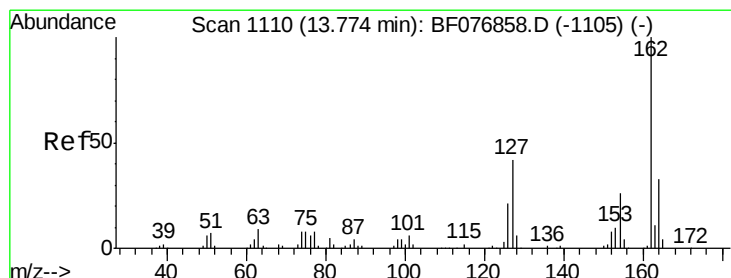
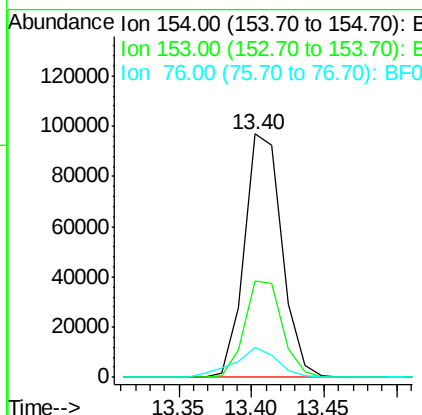
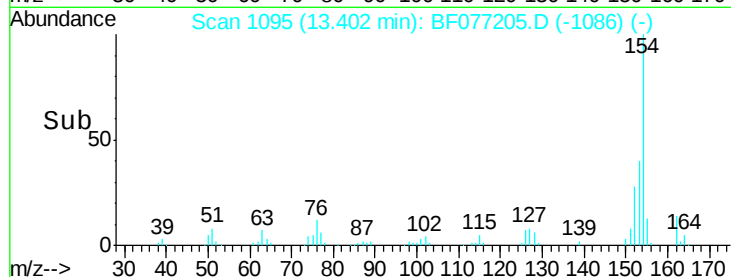
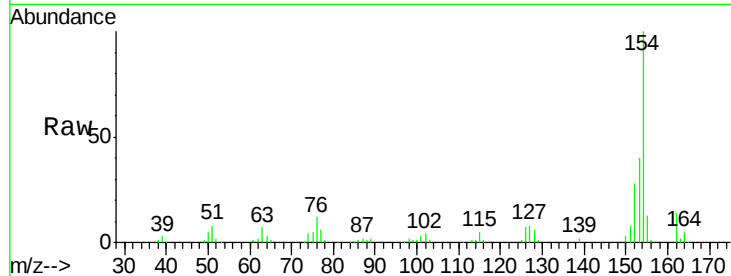
#45
 1,1'-Biphenyl
 Concen: 39.18 ng
 RT: 13.40 min Scan# 1095
 Delta R.T. 0.00 min
 Lab File: BF077205.D
 Acq: 6 Feb 2015 16:53

Instrument :
 BNA_F
 ClientSampleId :
 PB81636BSD

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.6	20.2	60.2
76	12.1	0.0	29.0

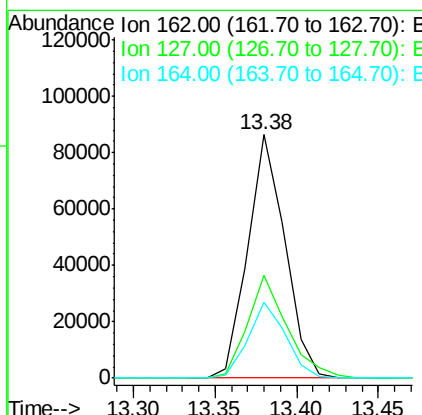
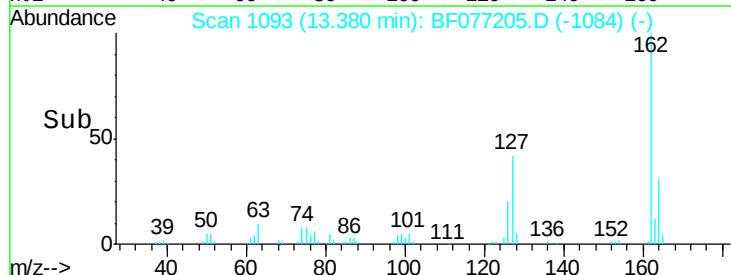
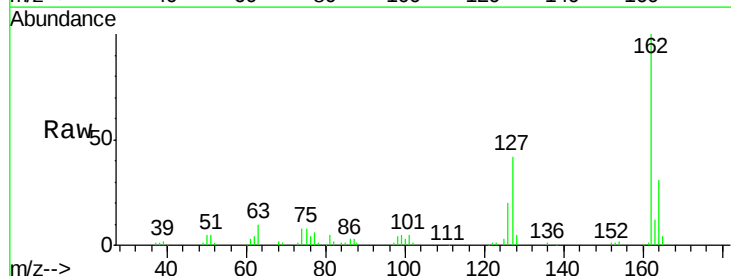
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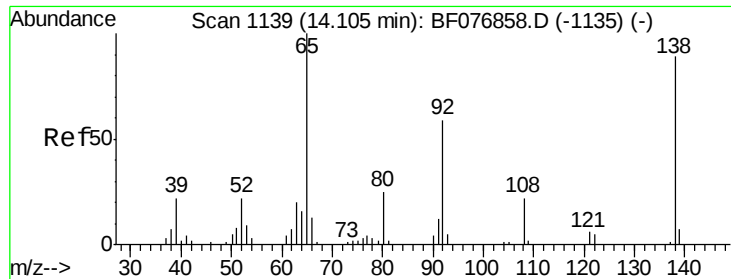
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#46
 2-Chloronaphthalene
 Concen: 37.45 ng
 RT: 13.38 min Scan# 1093
 Delta R.T. 0.00 min
 Lab File: BF077205.D
 Acq: 6 Feb 2015 16:53

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.4	33.8	50.6
164	31.3	26.8	40.2





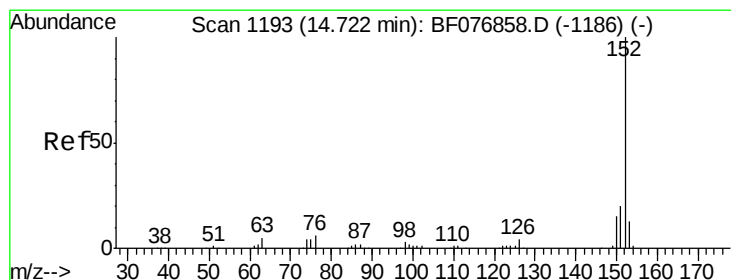
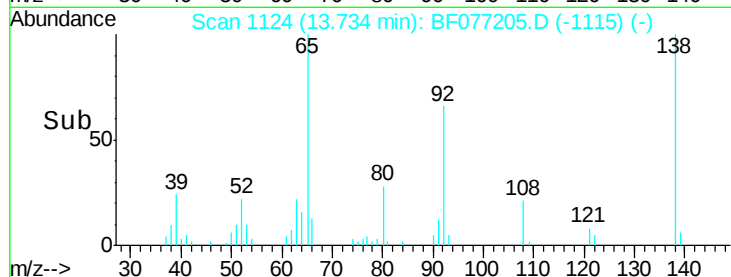
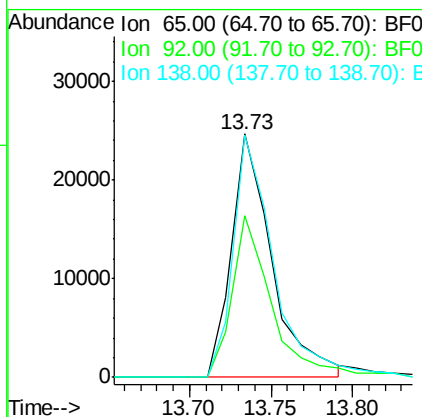
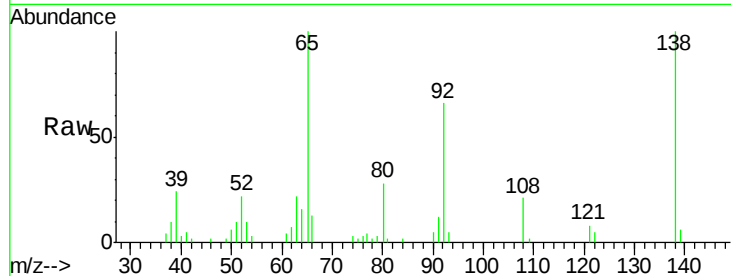
#47
2-Nitroaniline
Concen: 38.32 ng
RT: 13.73 min Scan# 1124
Delta R.T. 0.00 min
Lab File: BF077205.D
Acq: 6 Feb 2015 16:53

Instrument :
BNA_F
ClientSampleId :
PB81636BSD

Tgt Ion: 65 Resp: 42423
Ion Ratio Lower Upper
65 100
92 66.4 47.3 70.9
138 99.5 71.4 107.2

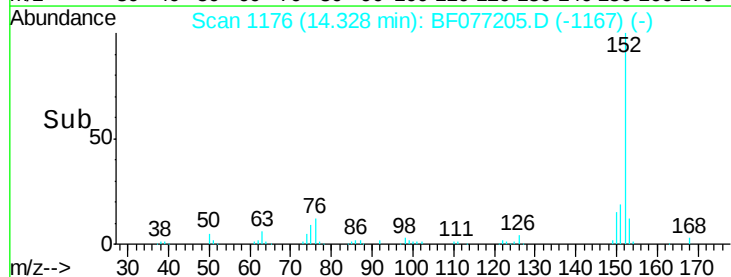
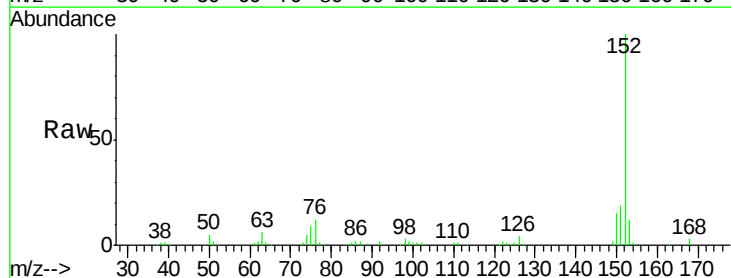
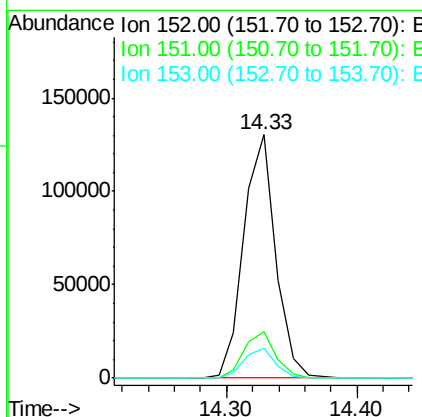
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#48
Acenaphthylene
Concen: 35.94 ng
RT: 14.33 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BF077205.D
Acq: 6 Feb 2015 16:53

Tgt Ion: 152 Resp: 221290
Ion Ratio Lower Upper
152 100
151 19.2 15.9 23.9
153 12.3 10.2 15.4





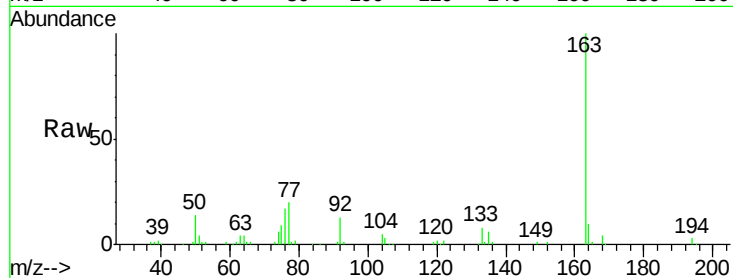
#49
Dimethylphthalate
Concen: 39.28 ng
RT: 14.29 min Scan# 1173
Delta R.T. 0.00 min
Lab File: BF077205.D
Acq: 6 Feb 2015 16:53

Instrument :
BNA_F
ClientSampleId :
PB81636BSD

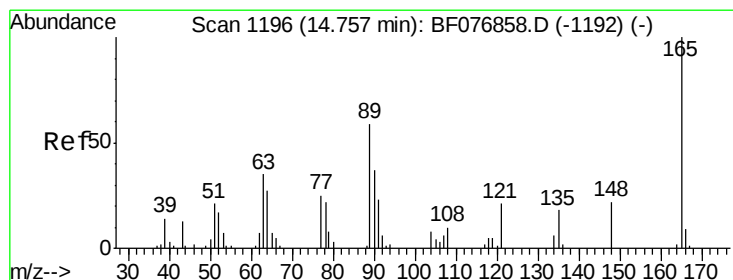
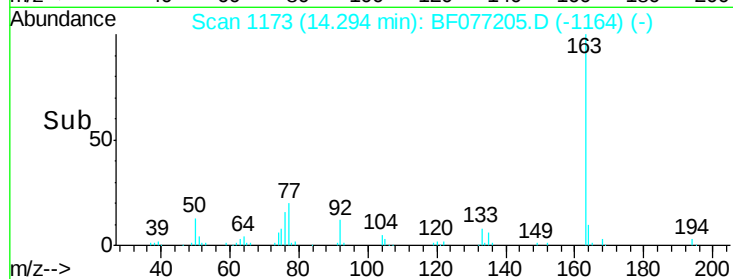
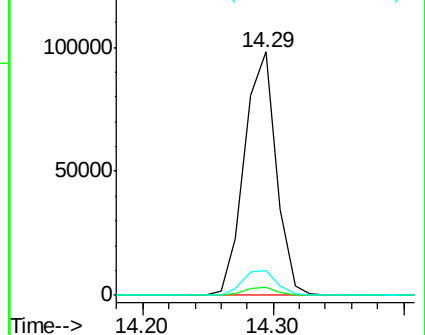
Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.1	2.6	4.0
164	9.9	7.5	11.3

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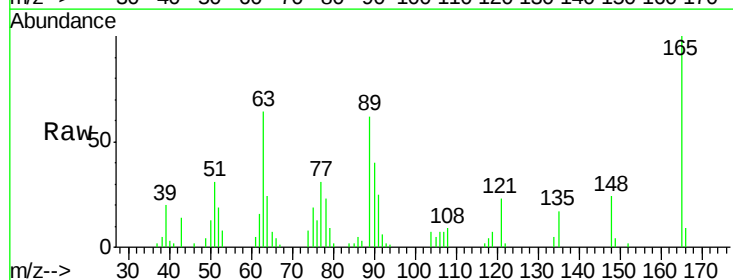


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

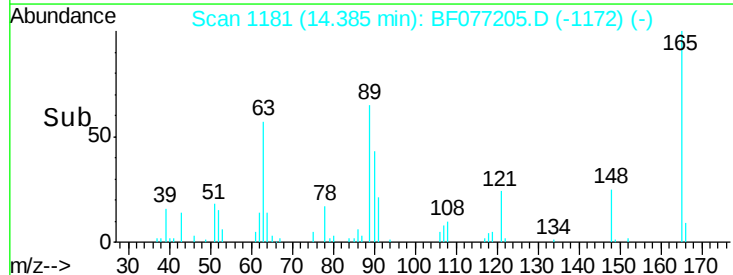
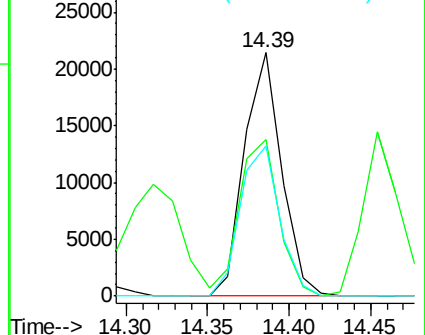


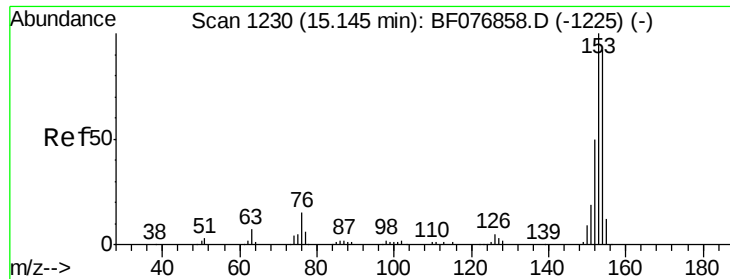
#50
2,6-Dinitrotoluene
Concen: 39.97 ng
RT: 14.39 min Scan# 1181
Delta R.T. 0.00 min
Lab File: BF077205.D
Acq: 6 Feb 2015 16:53

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	64.4	48.1	72.1
89	61.8	47.2	70.8



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 35.15 ng

RT: 14.75 min Scan# 1213

Delta R.T. 0.00 min

Lab File: BF077205.D

Acq: 6 Feb 2015 16:53

Instrument :

BNA_F

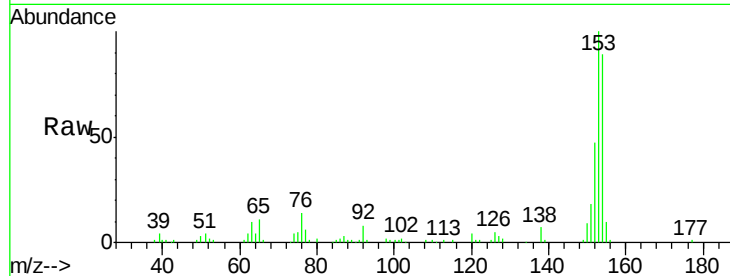
ClientSampleId :

PB81636BSD

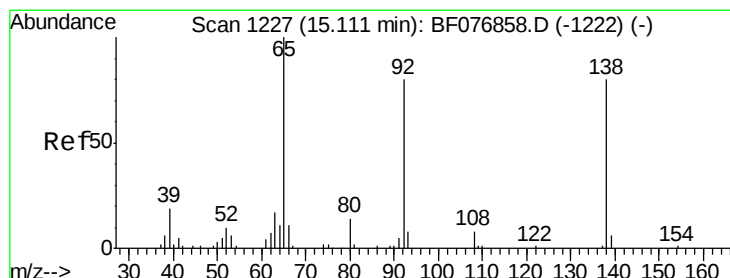
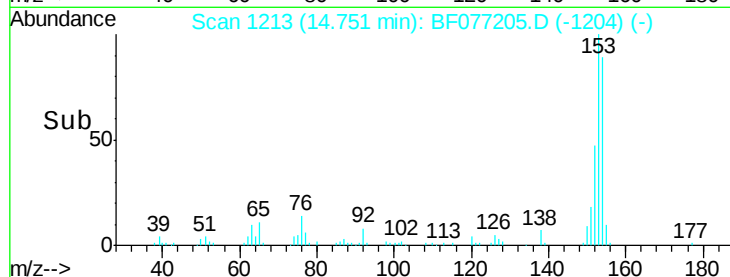
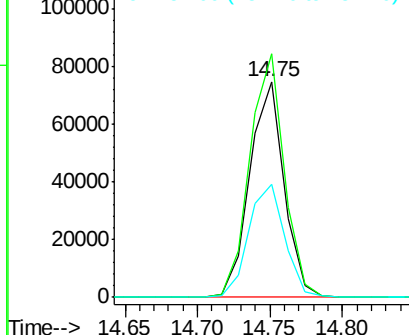
Tgt Ion:	154	Resp:	122772
Ion Ratio	Lower	Upper	
154	100		
153	112.8	87.0	130.6
152	52.6	43.5	65.3

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



#52

3-Nitroaniline

Concen: 23.80 ng

RT: 14.74 min Scan# 1212

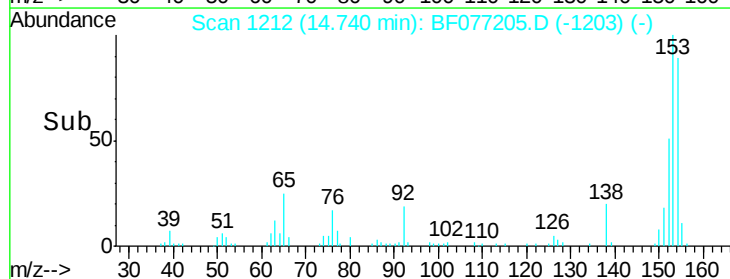
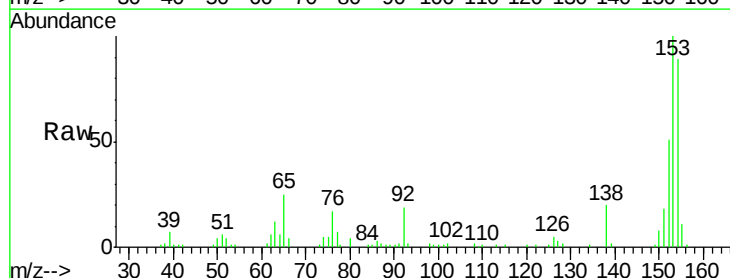
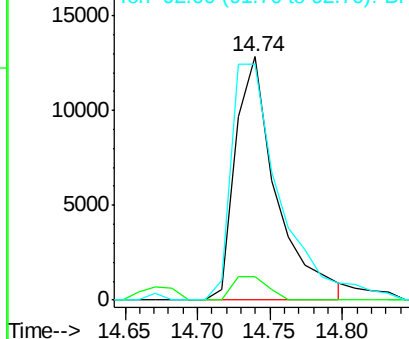
Delta R.T. 0.00 min

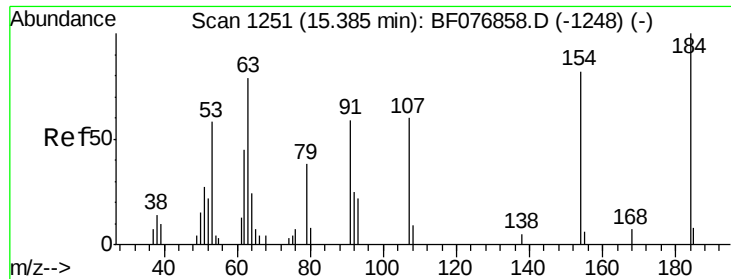
Lab File: BF077205.D

Acq: 6 Feb 2015 16:53

Tgt Ion:	138	Resp:	25289
Ion Ratio	Lower	Upper	
138	100		
108	9.8	8.3	12.5
92	96.9	80.9	121.3

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





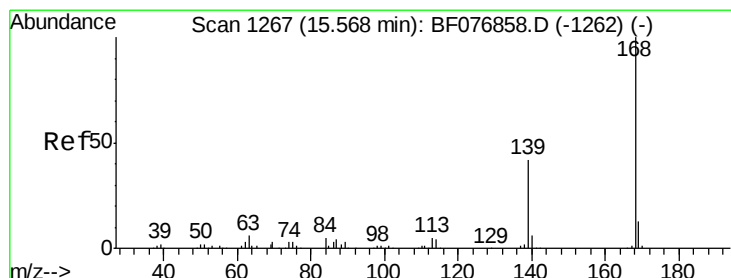
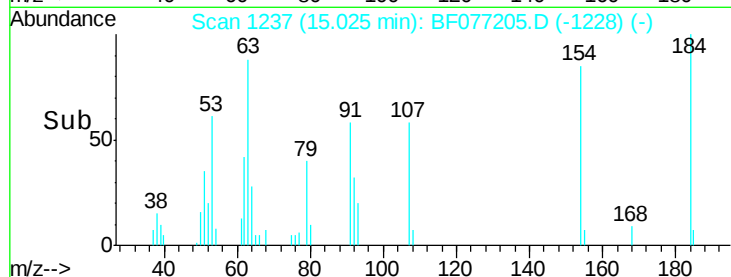
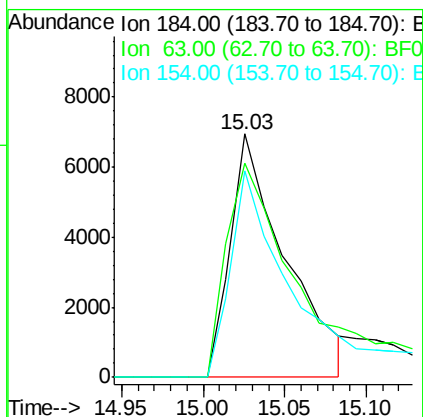
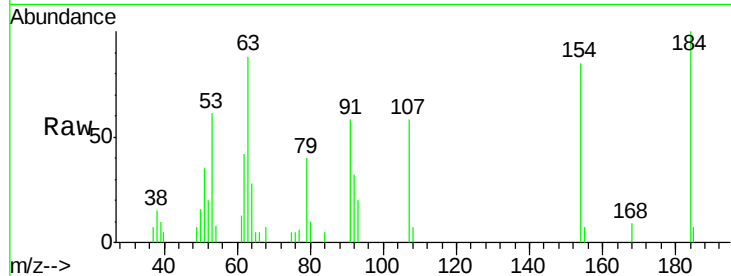
#53
 2,4-Dinitrophenol
 Concen: 46.55 ng
 RT: 15.03 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: BF077205.D
 Acq: 6 Feb 2015 16:53

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
184	100	16224		
63	87.8	63.0	94.6	
154	84.6	65.5	98.3	

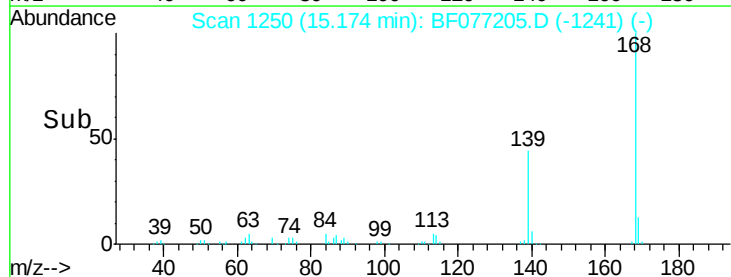
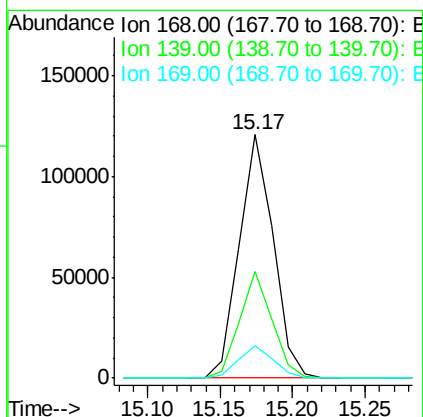
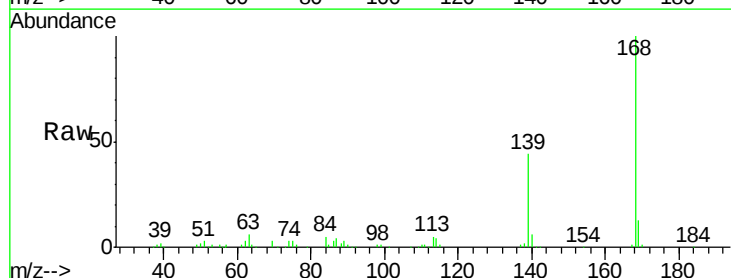
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#54
 Dibenzofuran
 Concen: 38.59 ng
 RT: 15.17 min Scan# 1250
 Delta R.T. 0.00 min
 Lab File: BF077205.D
 Acq: 6 Feb 2015 16:53

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	196356		
139	43.9	33.4	50.2	
169	13.1	10.6	15.8	





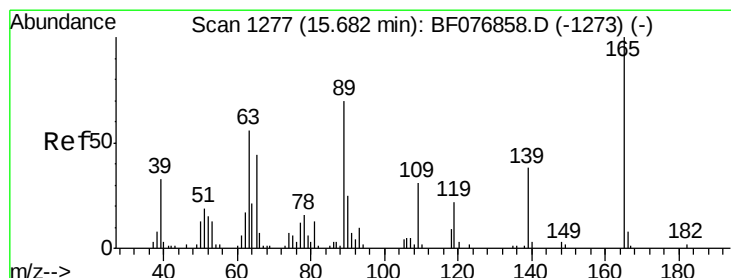
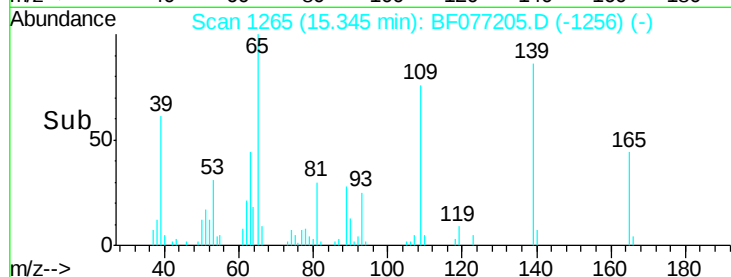
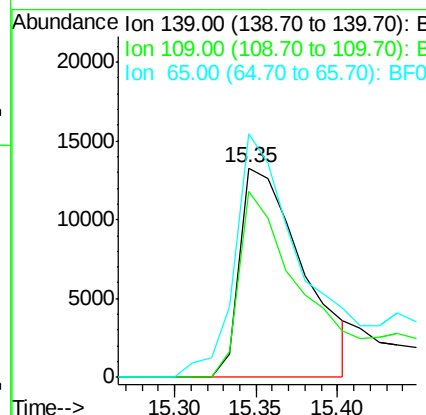
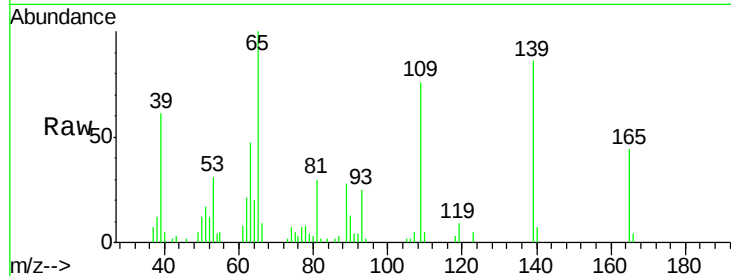
#55
4-Nitrophenol
Concen: 53.67 ng
RT: 15.35 min Scan# 1265
Delta R.T. 0.00 min
Lab File: BF077205.D
Acq: 6 Feb 2015 16:53

Instrument :
BNA_F
ClientSampleId :
PB81636BSD

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	35698		
109	88.8	61.0	101.0	
65	116.4	96.6	136.6	

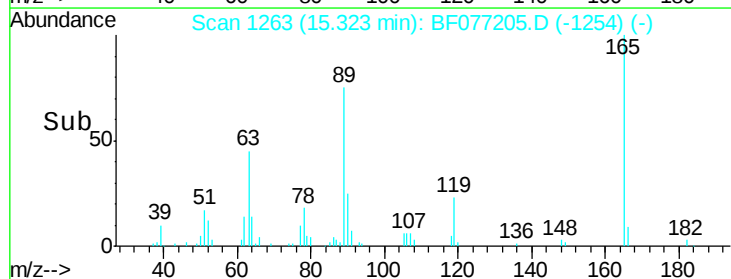
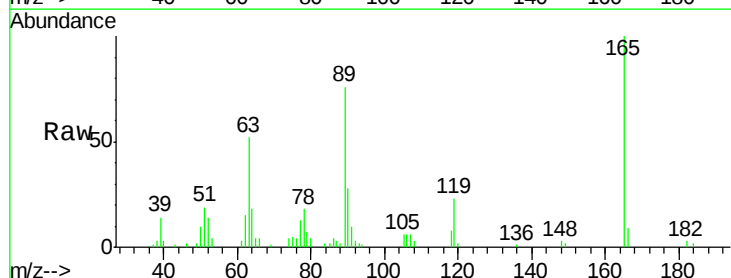
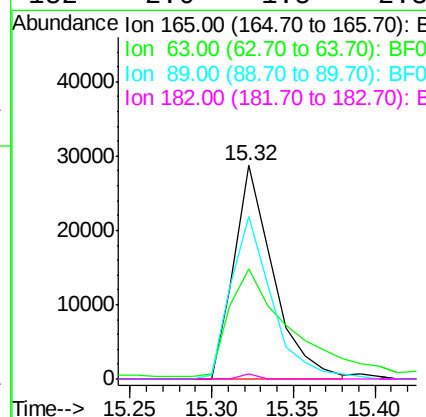
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#56
2,4-Dinitrotoluene
Concen: 38.30 ng
RT: 15.32 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BF077205.D
Acq: 6 Feb 2015 16:53

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	48099		
63	51.8	44.8	67.2	
89	76.1	56.2	84.2	
182	2.6	1.5	2.3#	





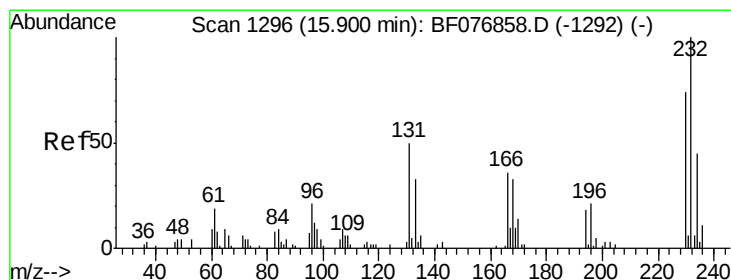
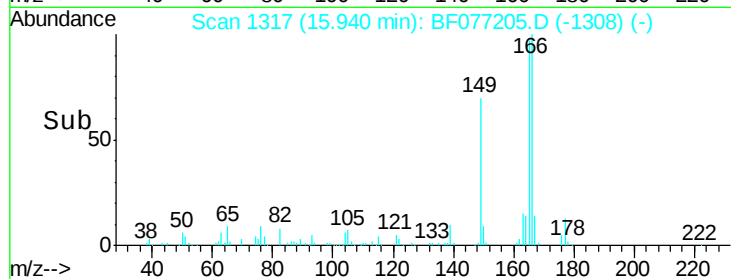
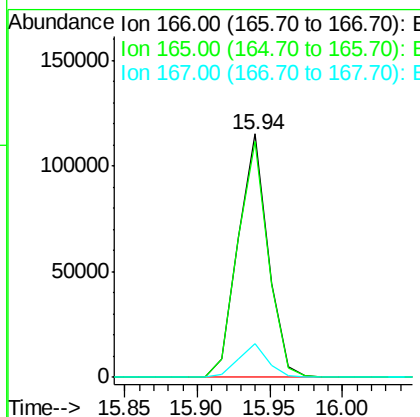
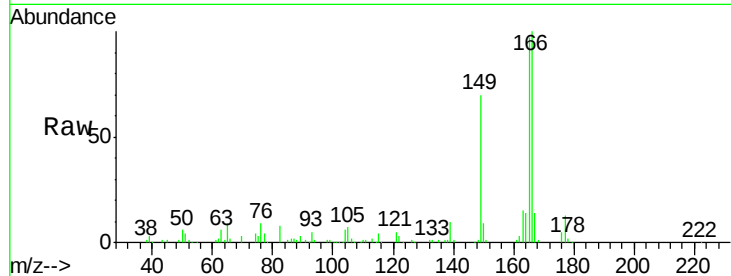
#57
Fluorene
 Concen: 38.21 ng
 RT: 15.94 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: BF077205.D
 Acq: 6 Feb 2015 16:53

Instrument :
 BNA_F
 ClientSampleId :
 PB81636BSD

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	164705		
165	96.7	78.5	117.7	
167	13.9	10.4	15.6	

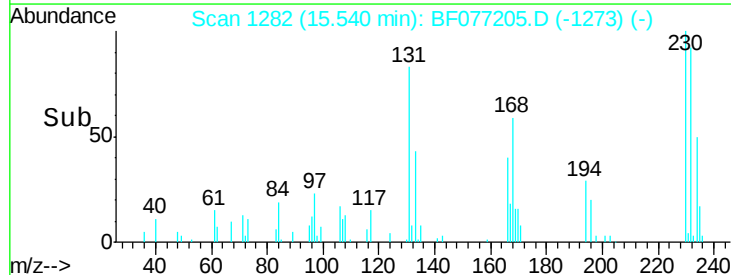
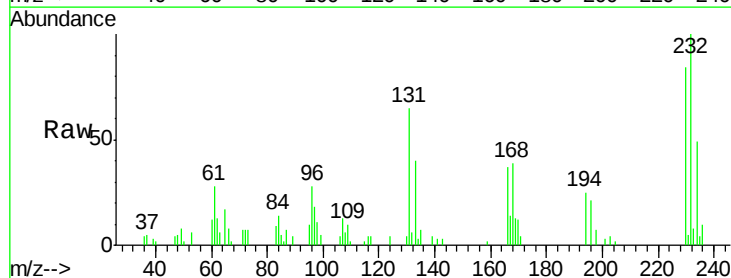
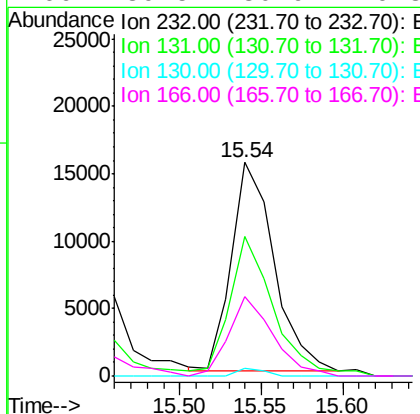
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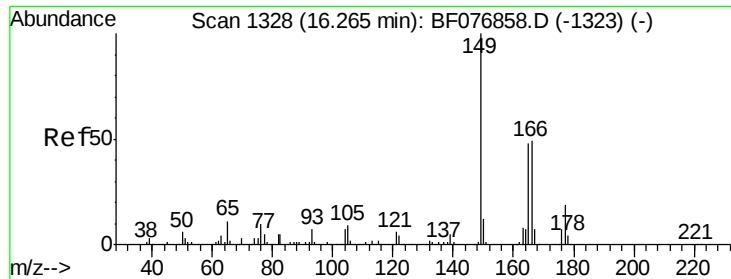
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 34.79 ng
 RT: 15.54 min Scan# 1282
 Delta R.T. 0.00 min
 Lab File: BF077205.D
 Acq: 6 Feb 2015 16:53

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	27841		
131	62.2	45.0	67.6	
130	2.4	2.6	3.8#	
166	39.5	30.9	46.3	





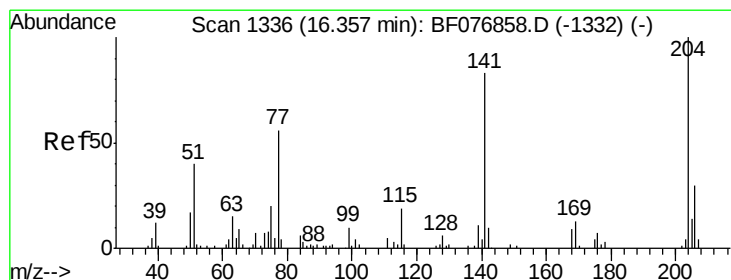
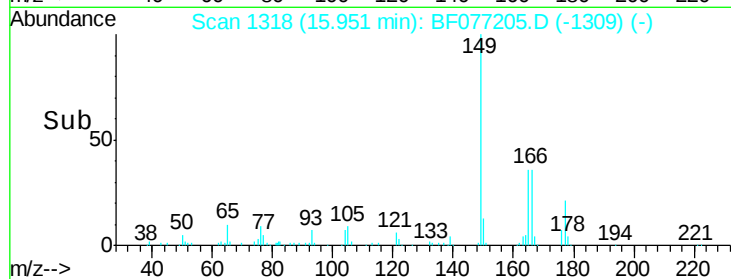
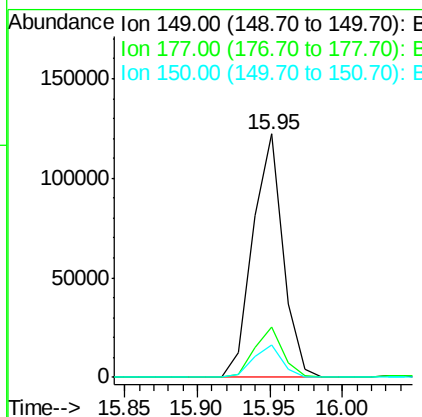
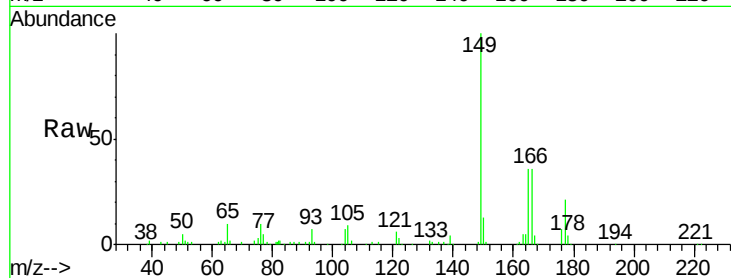
#59
Diethylphthalate
Concen: 41.14 ng
RT: 15.95 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BF077205.D
Acq: 6 Feb 2015 16:53

Instrument :
BNA_F
ClientSampleId :
PB81636BSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	176393		
177	20.6	15.0	22.6	
150	13.1	9.4	14.0	

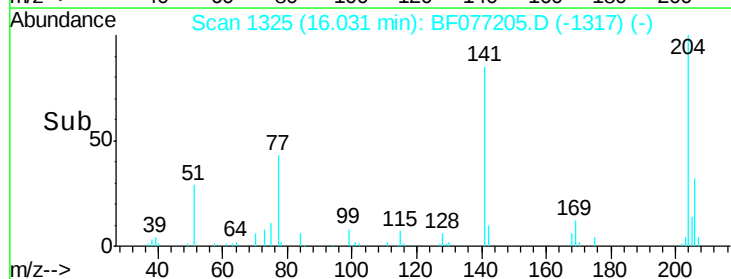
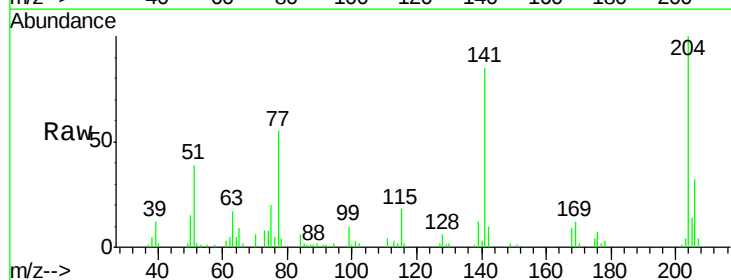
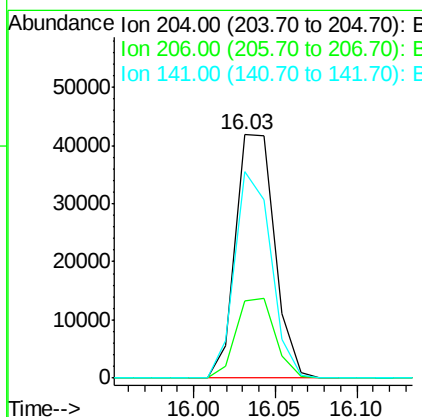
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#60
4-Chlorophenyl-phenylether
Concen: 39.34 ng
RT: 16.03 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF077205.D
Acq: 6 Feb 2015 16:53

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	69390		
206	31.8	24.2	36.2	
141	84.6	66.7	100.1	





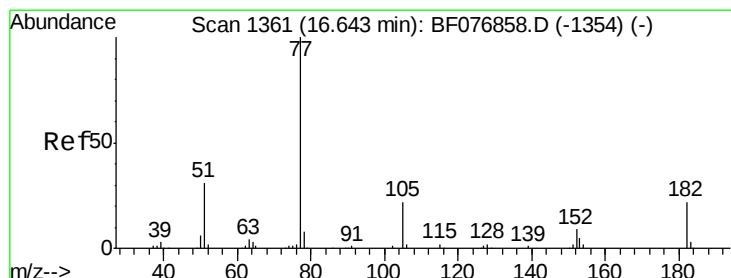
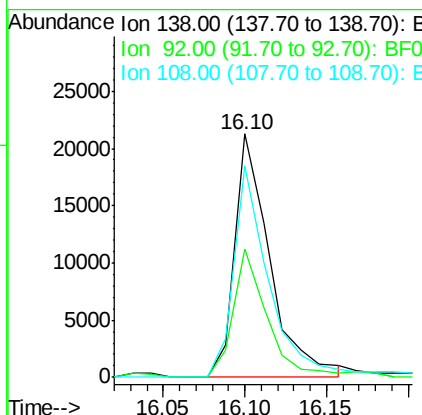
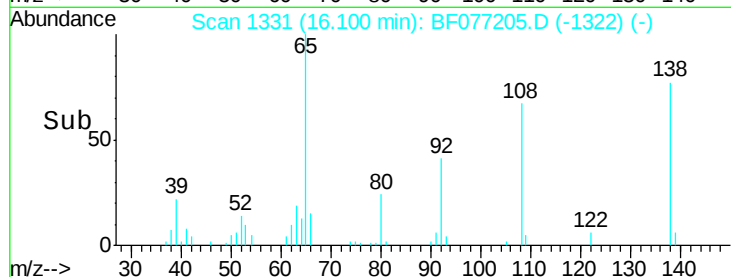
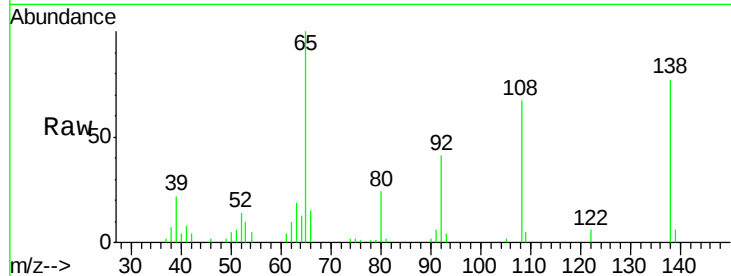
#61
4-Nitroaniline
Concen: 30.22 ng
RT: 16.10 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BF077205.D
Acq: 6 Feb 2015 16:53

Instrument :
BNA_F
ClientSampleId :
PB81636BSD

Tgt Ion:138 Resp: 31713
Ion Ratio Lower Upper
138 100
92 52.5 26.7 66.7
108 86.9 64.5 104.5

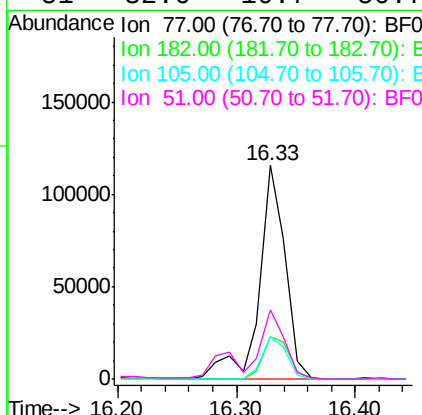
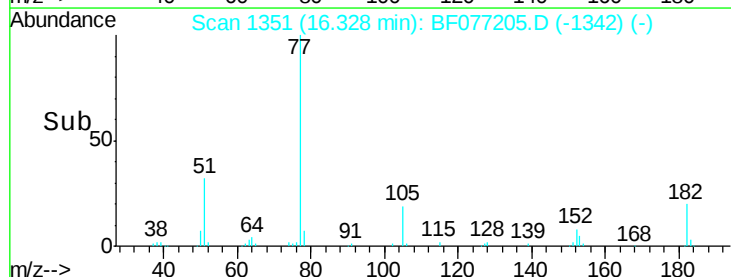
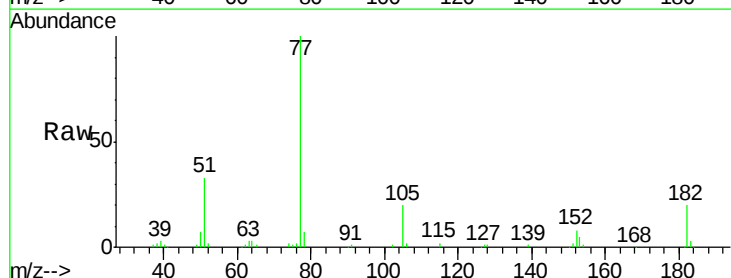
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#62
Azobenzene
Concen: 39.71 ng
RT: 16.33 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BF077205.D
Acq: 6 Feb 2015 16:53

Tgt Ion: 77 Resp: 177432
Ion Ratio Lower Upper
77 100
182 19.8 2.0 42.0
105 19.5 2.3 42.3
51 32.6 10.7 50.7





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.54 min Scan# 1457

Delta R.T. 0.00 min

Lab File: BF077205.D

Acq: 6 Feb 2015 16:53

Instrument :

BNA_F

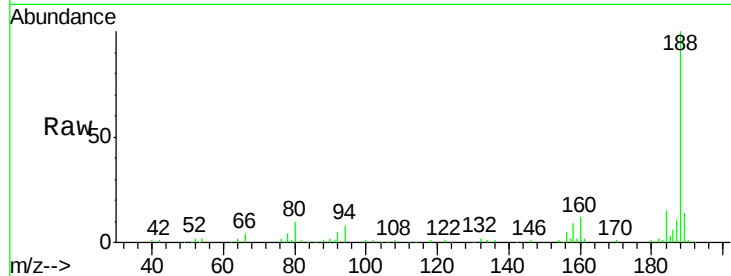
ClientSampleId :

PB81636BSD

Tgt Ion:	188	Resp:	110494
Ion Ratio	Lower	Upper	
188	100		
94	8.1	6.0	9.0
80	9.8	6.9	10.3

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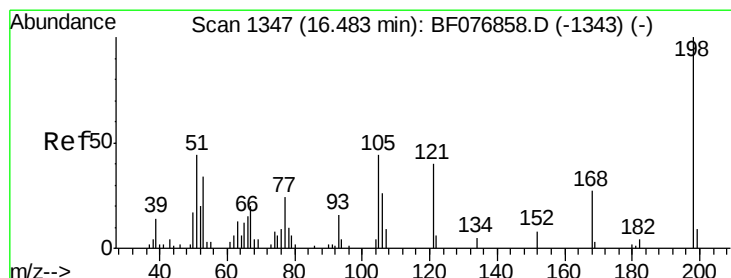
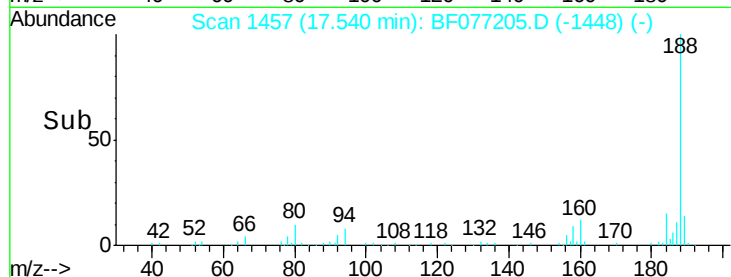
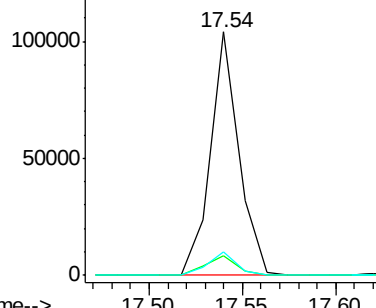
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 28.44 ng

RT: 16.18 min Scan# 1338

Delta R.T. 0.00 min

Lab File: BF077205.D

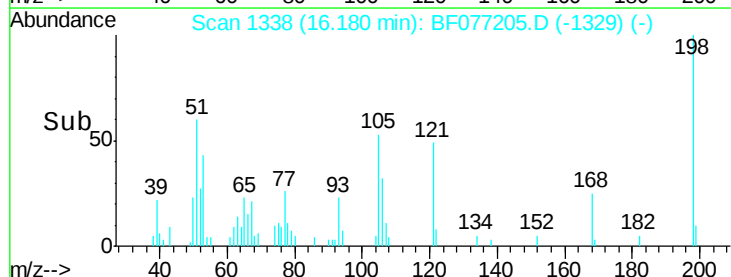
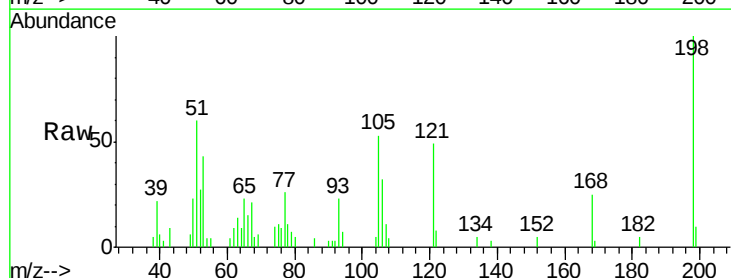
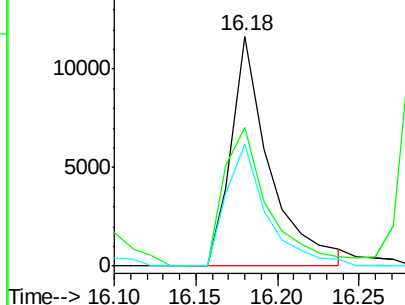
Acq: 6 Feb 2015 16:53

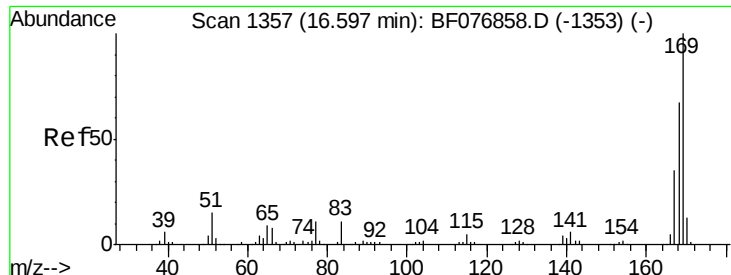
Tgt Ion:	198	Resp:	19171
Ion Ratio	Lower	Upper	
198	100		
51	60.3	24.2	64.2
105	52.8	24.0	64.0

Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





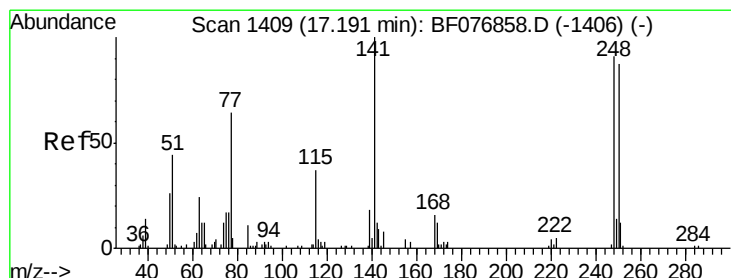
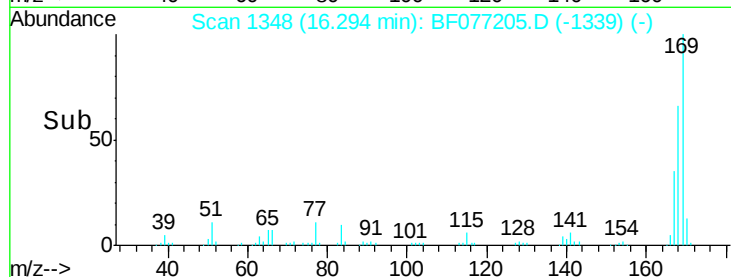
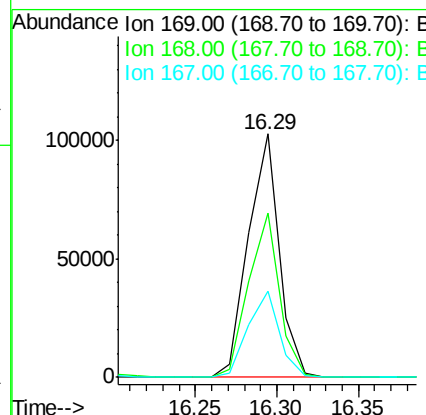
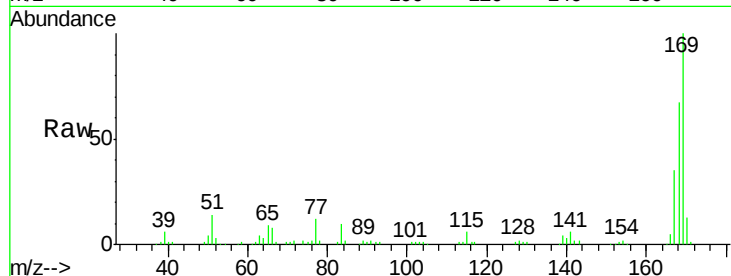
#65
 n-Nitrosodiphenylamine
 Concen: 34.18 ng
 RT: 16.29 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: BF077205.D
 Acq: 6 Feb 2015 16:53

Instrument :
 BNA_F
 ClientSampleId :
 PB81636BSD

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	134660		
168	67.4	53.8	80.6	
167	35.4	27.8	41.6	

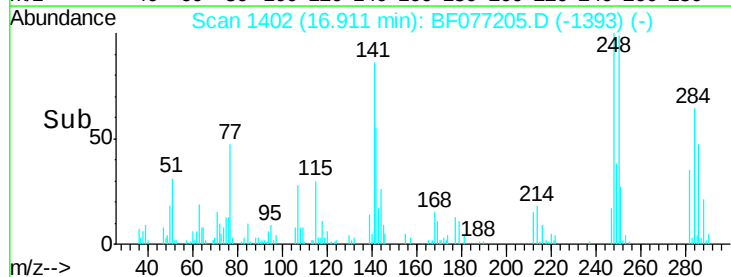
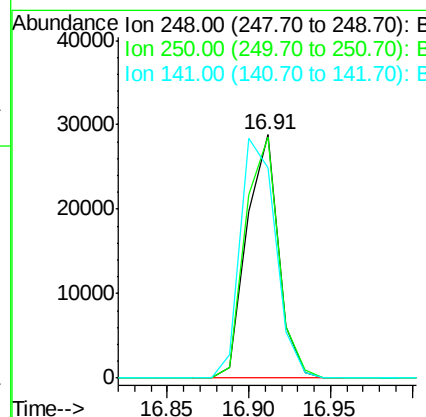
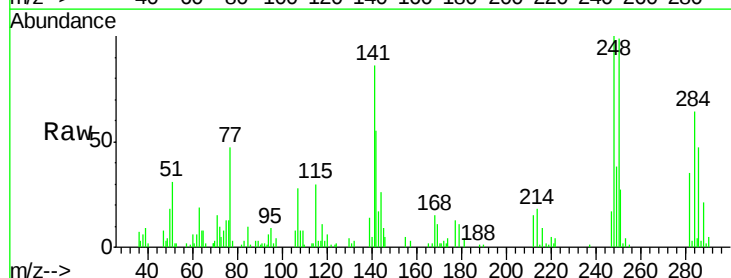
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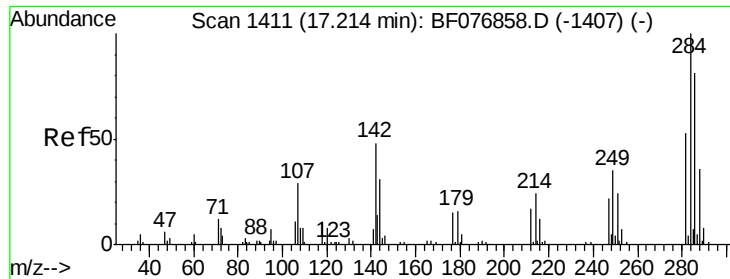
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#66
 4-Bromophenyl-phenylether
 Concen: 34.69 ng
 RT: 16.91 min Scan# 1402
 Delta R.T. 0.00 min
 Lab File: BF077205.D
 Acq: 6 Feb 2015 16:53

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	38834		
250	98.9	77.1	115.7	
141	86.2	88.2	132.4	





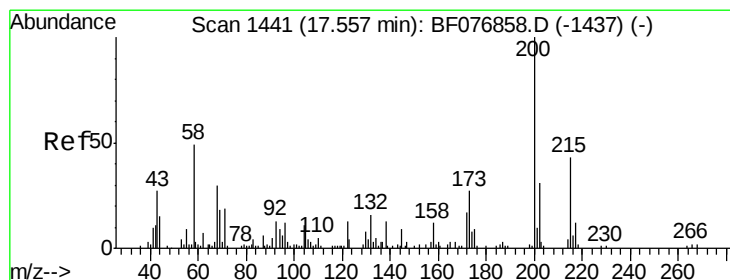
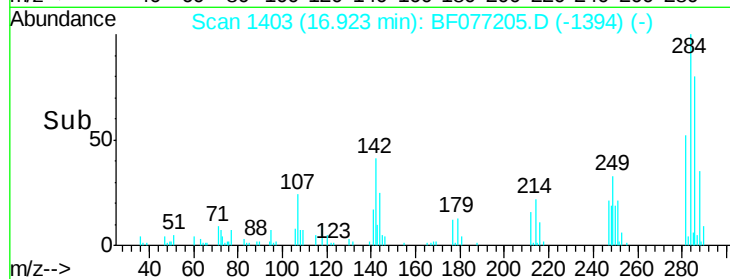
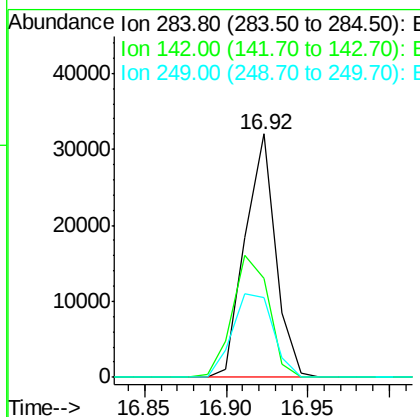
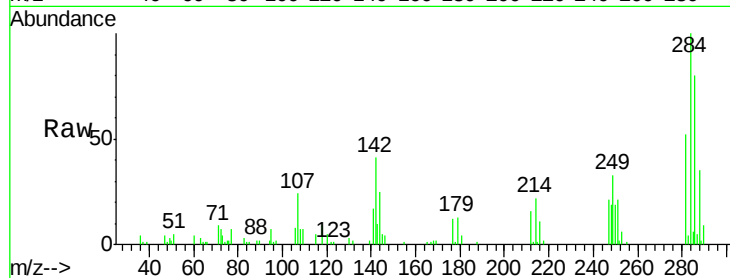
#67
Hexachlorobenzene
Concen: 35.12 ng
RT: 16.92 min Scan# 1403
Delta R.T. 0.00 min
Lab File: BF077205.D
Acq: 6 Feb 2015 16:53

Instrument :
BNA_F
ClientSampleId :
PB81636BSD

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	41431		
142	40.6	38.2	57.4	
249	32.6	28.2	42.2	

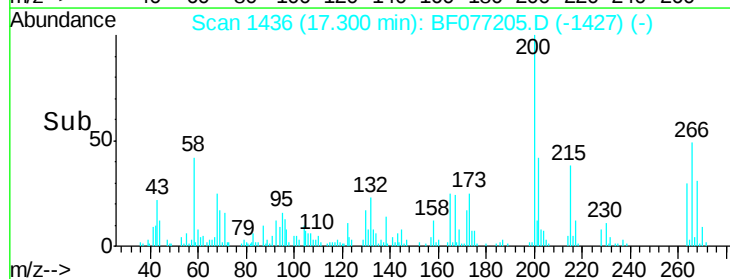
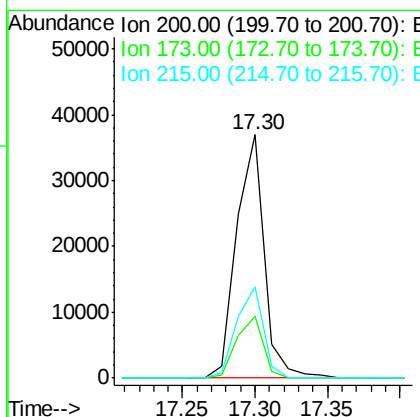
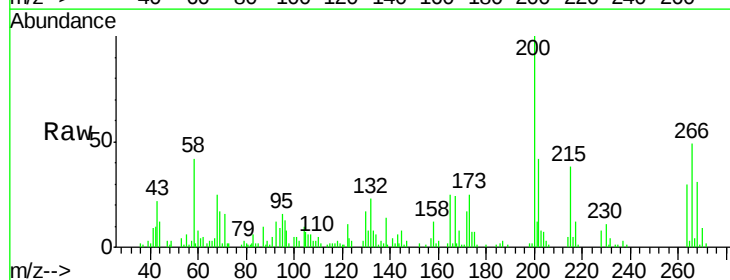
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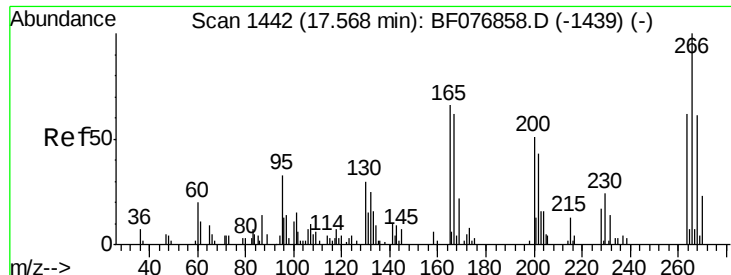
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#68
Atrazine
Concen: 40.96 ng
RT: 17.30 min Scan# 1436
Delta R.T. 0.00 min
Lab File: BF077205.D
Acq: 6 Feb 2015 16:53

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	48973		
173	25.2	6.6	46.6	
215	37.5	22.9	62.9	





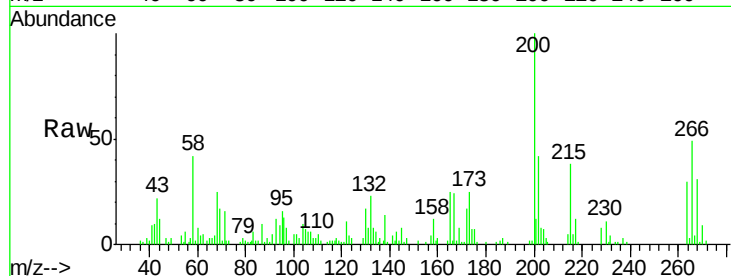
#69
Pentachlorophenol
 Concen: 54.45 ng
 RT: 17.30 min Scan# 1436
 Delta R.T. 0.00 min
 Lab File: BF077205.D
 Acq: 6 Feb 2015 16:53

Instrument :
 BNA_F
 ClientSampleId :
 PB81636BSD

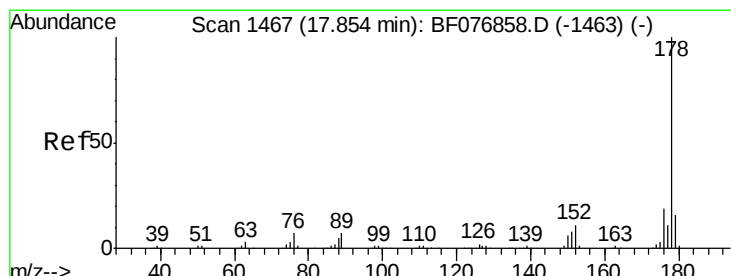
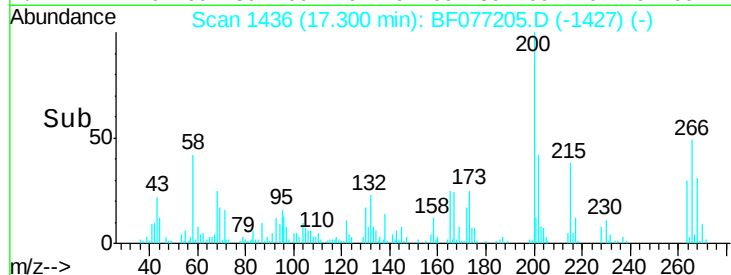
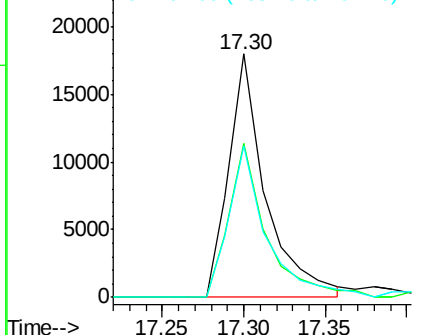
Tgt Ion:	266	Resp:	28157
Ion Ratio	Lower	Upper	
266	100		
268	63.1	48.6	72.8
264	62.4	49.5	74.3

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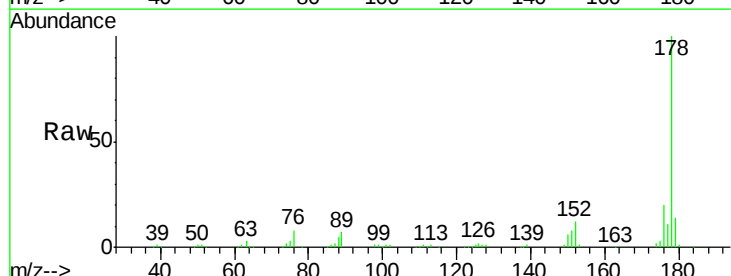


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

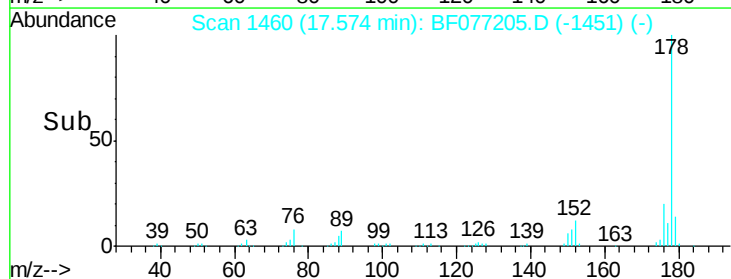
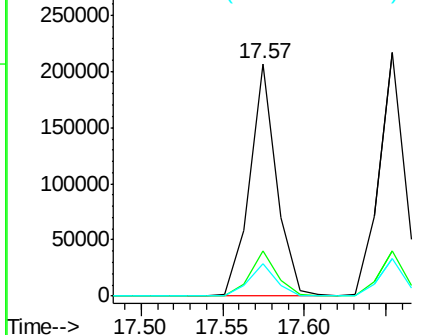


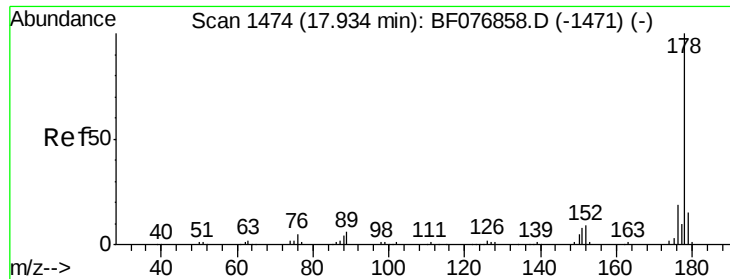
#70
Phenanthrene
 Concen: 34.21 ng
 RT: 17.57 min Scan# 1460
 Delta R.T. 0.00 min
 Lab File: BF077205.D
 Acq: 6 Feb 2015 16:53

Tgt Ion:	178	Resp:	235748
Ion Ratio	Lower	Upper	
178	100		
176	19.6	15.1	22.7
179	14.2	12.7	19.1



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





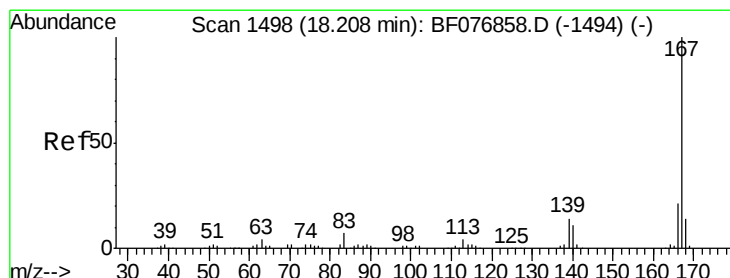
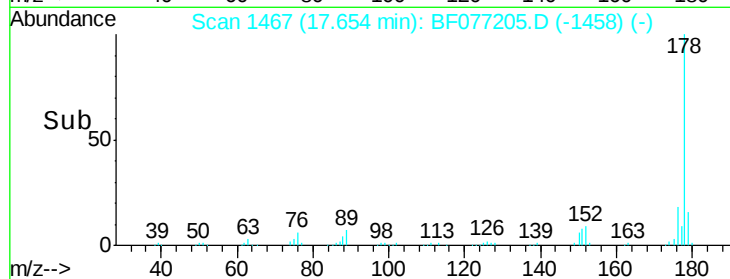
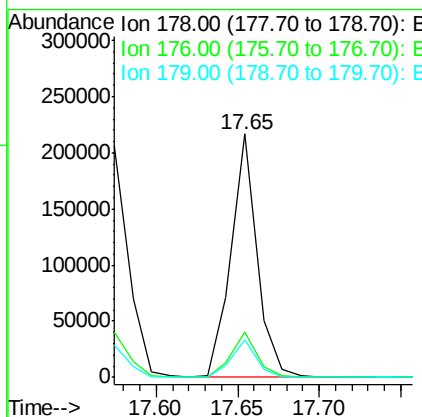
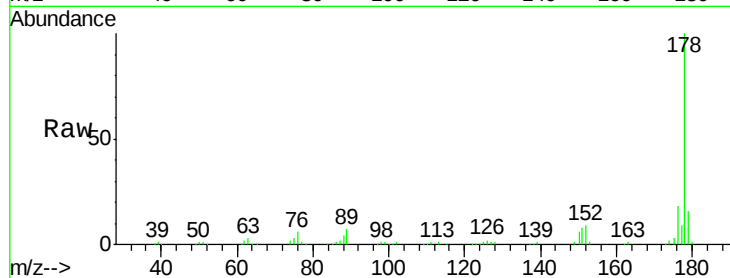
#71
 Anthracene
 Concen: 35.79 ng
 RT: 17.65 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: BF077205.D
 Acq: 6 Feb 2015 16:53

Instrument :
 BNA_F
 ClientSampleId :
 PB81636BSD

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	240460		
176	18.4	15.4	23.0	
179	15.6	11.9	17.9	

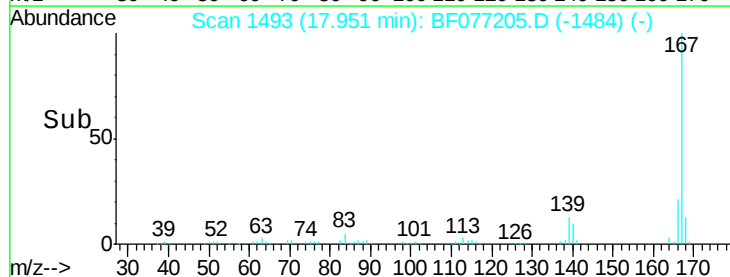
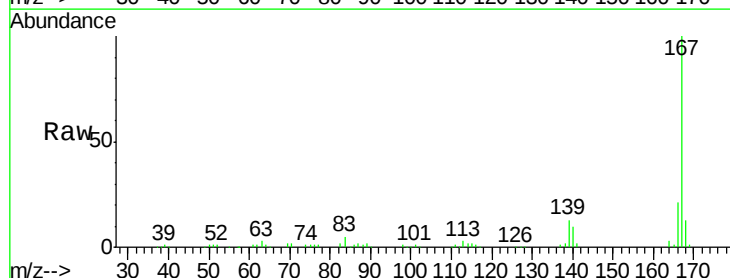
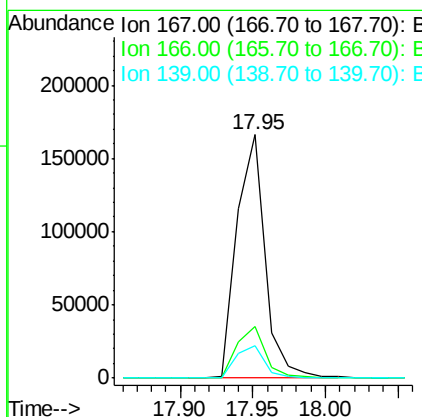
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#72
 Carbazole
 Concen: 34.62 ng
 RT: 17.95 min Scan# 1493
 Delta R.T. 0.00 min
 Lab File: BF077205.D
 Acq: 6 Feb 2015 16:53

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	225636		
166	21.3	17.0	25.6	
139	13.4	11.3	16.9	





#73

Di-n-butylphthalate

Concen: 38.86 ng

RT: 18.55 min Scan# 1545

Delta R.T. 0.00 min

Lab File: BF077205.D

Acq: 6 Feb 2015 16:53

Instrument :

BNA_F

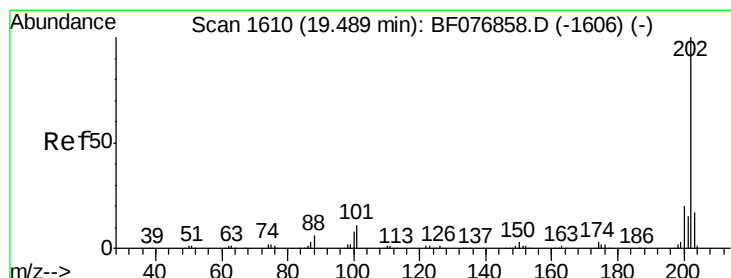
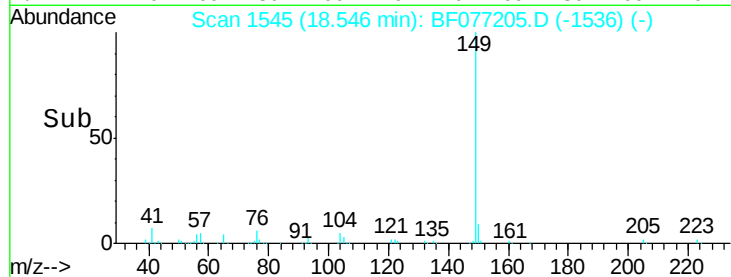
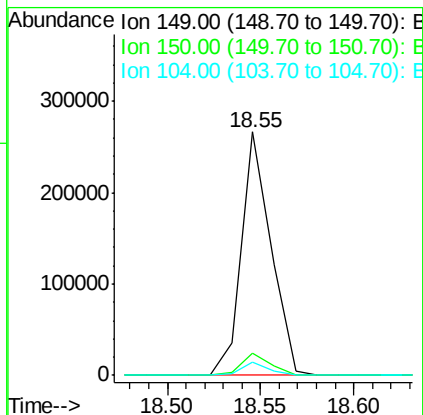
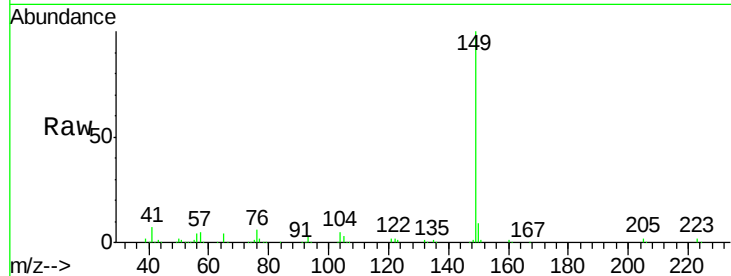
ClientSampleId :

PB81636BSD

Tgt Ion:	149	Resp:	293183
Ion Ratio	Lower	Upper	
149	100		
150	9.0	6.9	10.3
104	5.2	3.7	5.5

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#74

Fluoranthene

Concen: 35.59 ng

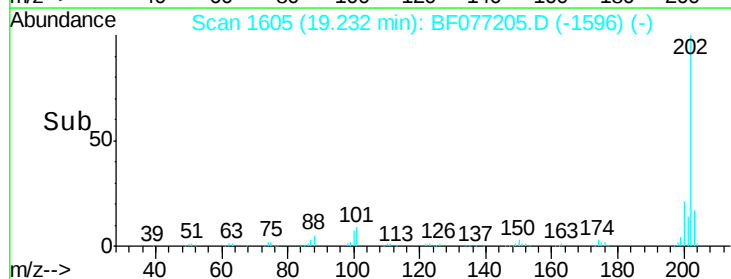
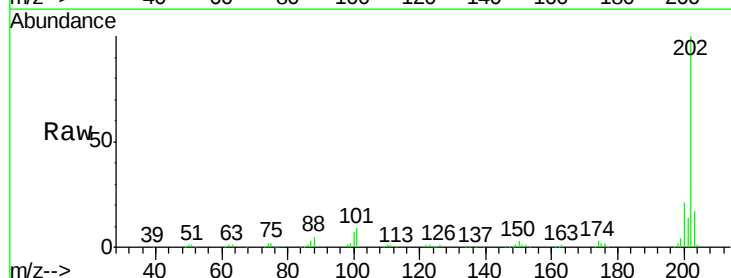
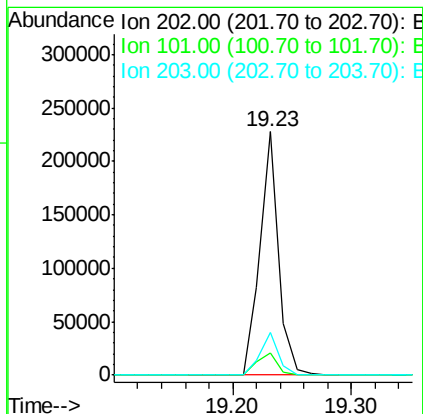
RT: 19.23 min Scan# 1605

Delta R.T. 0.00 min

Lab File: BF077205.D

Acq: 6 Feb 2015 16:53

Tgt Ion:	202	Resp:	251308
Ion Ratio	Lower	Upper	
202	100		
101	9.0	0.0	30.7
203	17.4	0.0	36.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.05 min Scan# 1764

Delta R.T. 0.00 min

Lab File: BF077205.D

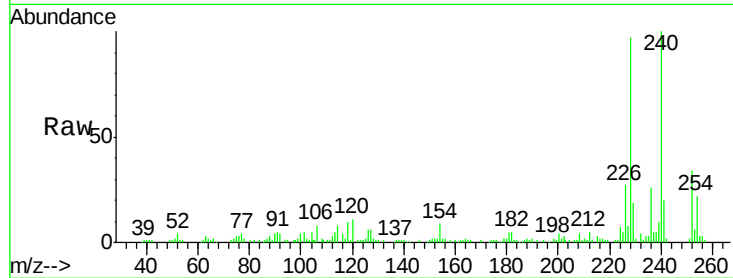
Acq: 6 Feb 2015 16:53

Instrument :

BNA_F

ClientSampleId :

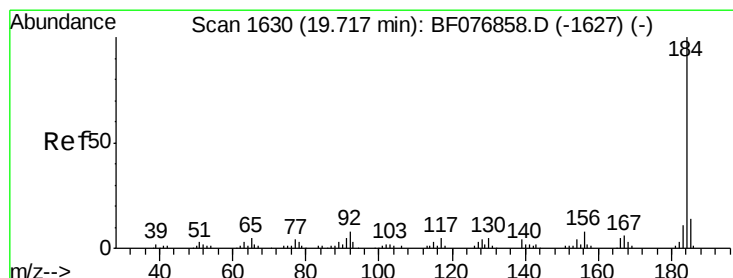
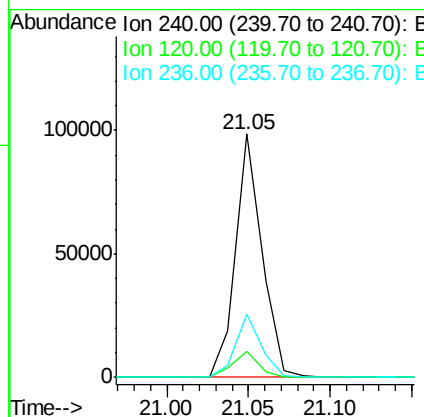
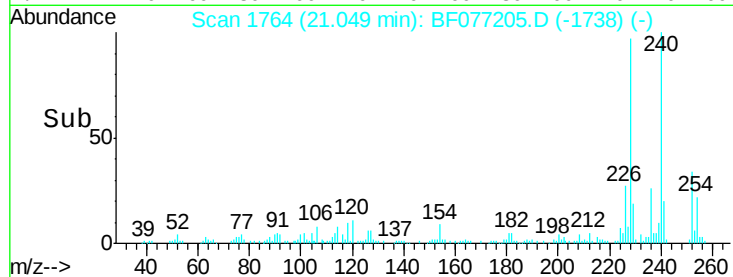
PB81636BSD



Tgt Ion:	240	Resp:	109422
Ion Ratio	Lower	Upper	
240	100		
120	10.7	10.4	15.6
236	26.0	20.2	30.2

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#76

Benzidine

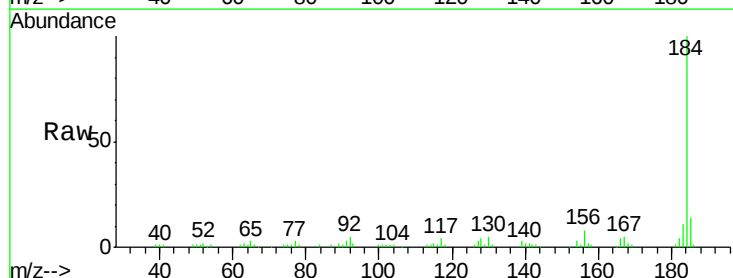
Concen: 29.24 ng

RT: 19.48 min Scan# 1627

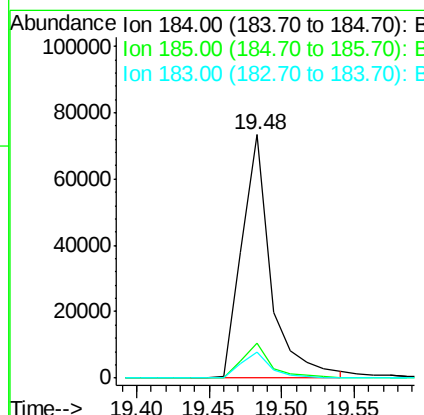
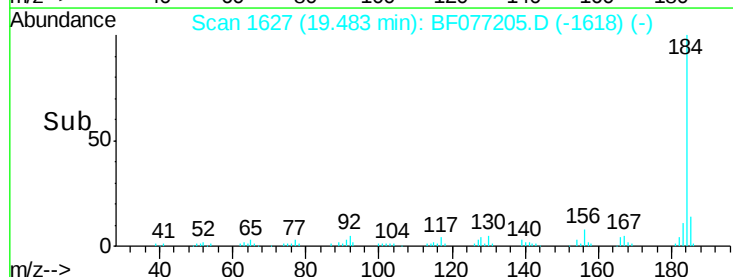
Delta R.T. 0.00 min

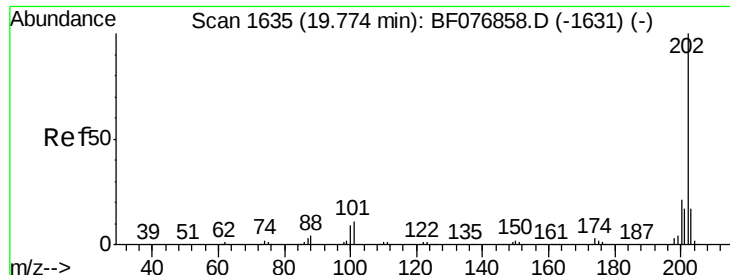
Lab File: BF077205.D

Acq: 6 Feb 2015 16:53



Tgt Ion:	184	Resp:	102378
Ion Ratio	Lower	Upper	
184	100		
185	14.3	11.4	17.2
183	10.5	9.0	13.6





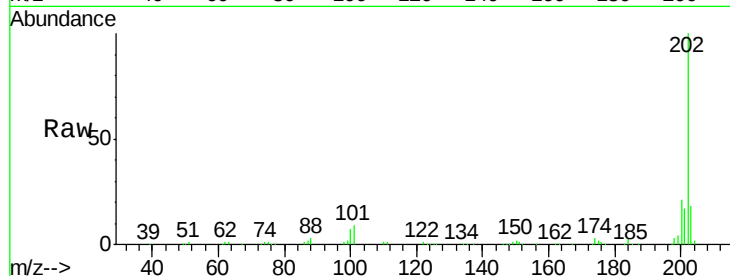
#77
 Pyrene
 Concen: 34.14 ng
 RT: 19.52 min Scan# 1630
 Delta R.T. 0.00 min
 Lab File: BF077205.D
 Acq: 6 Feb 2015 16:53

Instrument :
 BNA_F
 ClientSampleId :
 PB81636BSD

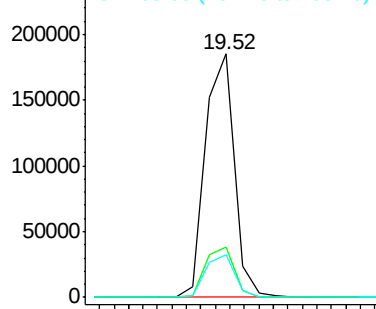
Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	20.8	16.7	25.1
203	17.6	14.0	21.0

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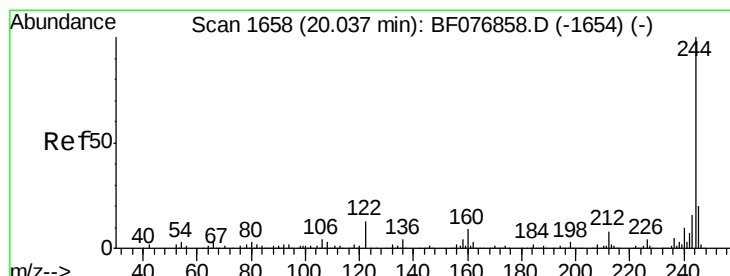
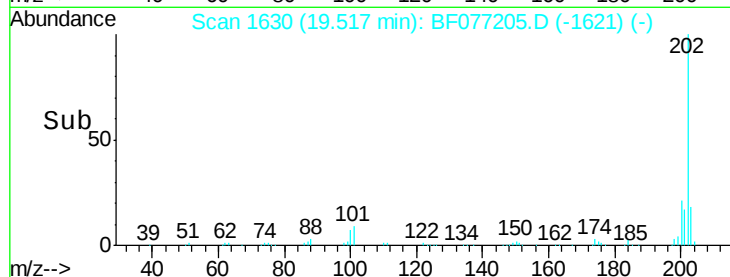
apatel
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Abundance Ion 202.00 (201.70 to 202.70): E
 250000
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

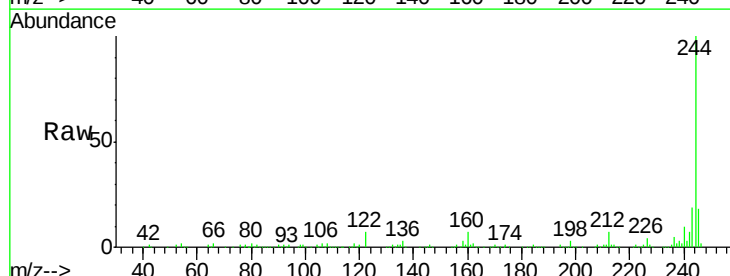


Time-->

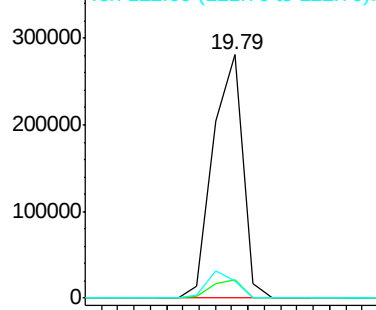


#78
 Terphenyl-d14
 Concen: 74.71 ng
 RT: 19.79 min Scan# 1654
 Delta R.T. 0.00 min
 Lab File: BF077205.D
 Acq: 6 Feb 2015 16:53

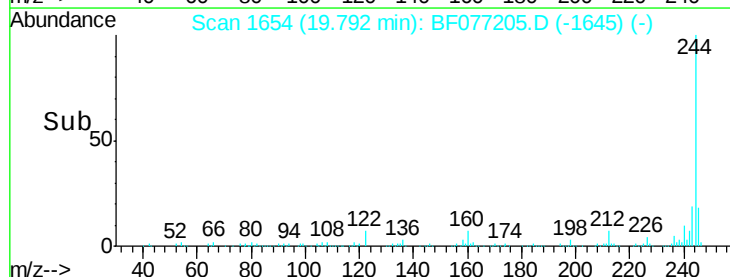
Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	7.4	6.3	9.5
122	7.2	10.1	15.1#



Abundance Ion 244.00 (243.70 to 244.70): E
 300000
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



Time-->





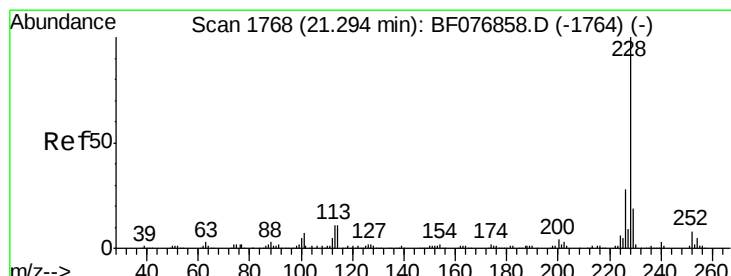
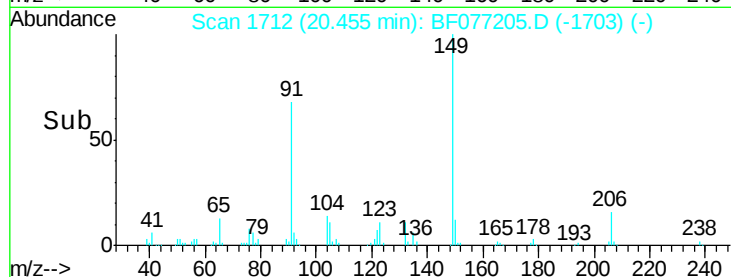
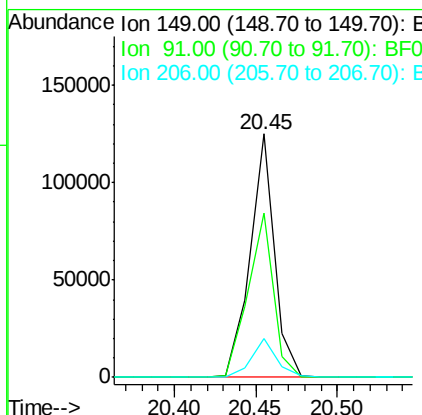
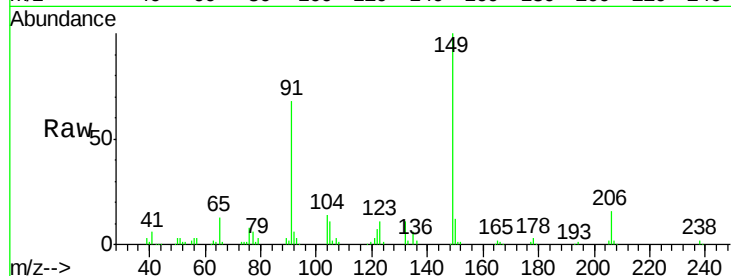
#79
Butylbenzylphthalate
Concen: 38.20 ng
RT: 20.45 min Scan# 1712
Delta R.T. 0.00 min
Lab File: BF077205.D
Acq: 6 Feb 2015 16:53

Instrument :
BNA_F
ClientSampleId :
PB81636BSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	129739		
91	67.5	50.6	76.0	
206	15.8	12.8	19.2	

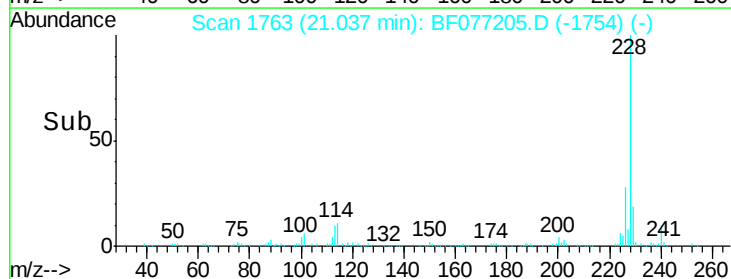
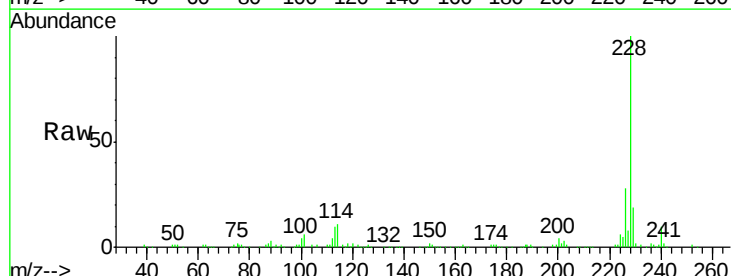
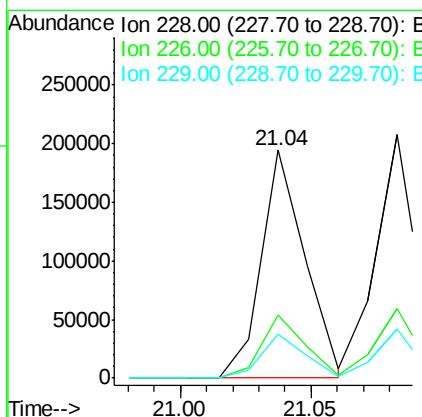
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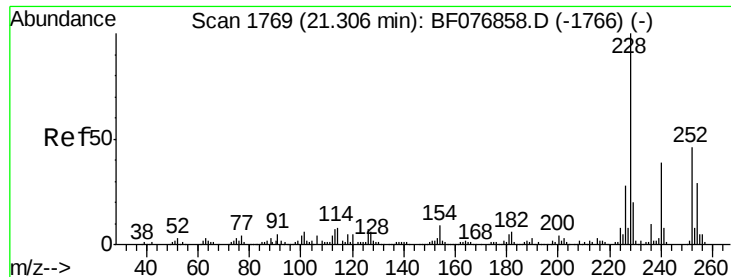
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#80
Benzo(a)anthracene
Concen: 33.07 ng
RT: 21.04 min Scan# 1763
Delta R.T. 0.00 min
Lab File: BF077205.D
Acq: 6 Feb 2015 16:53

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	227008		
226	27.8	22.1	33.1	
229	19.5	15.5	23.3	





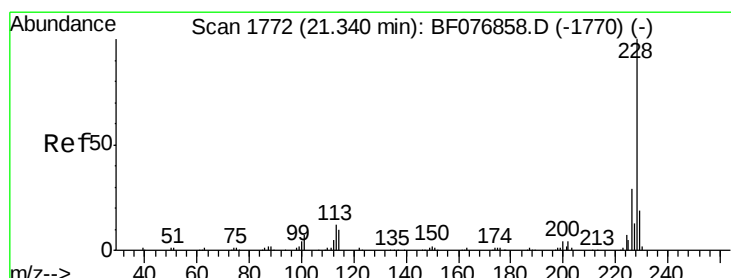
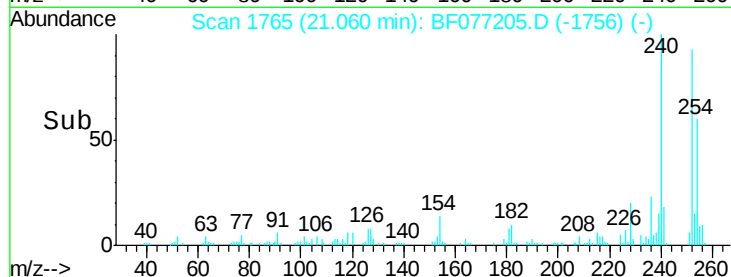
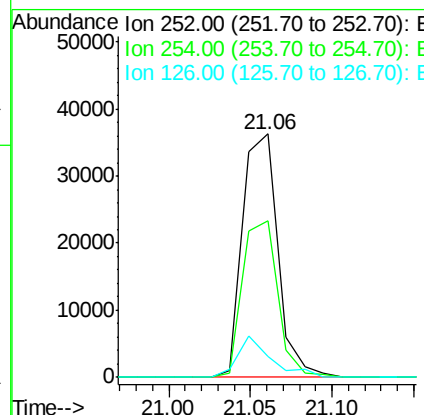
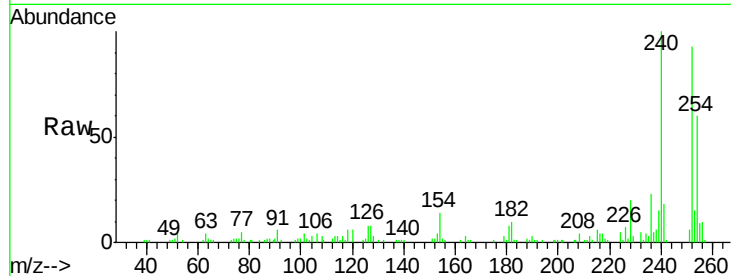
#81
 3,3'-Dichlorobenzidine
 Concen: 24.95 ng
 RT: 21.06 min Scan# 1765
 Delta R.T. 0.00 min
 Lab File: BF077205.D
 Acq: 6 Feb 2015 16:53

Instrument :
 BNA_F
 ClientSampleId :
 PB81636BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	64.1	50.2	75.4
126	8.7	11.5	17.3

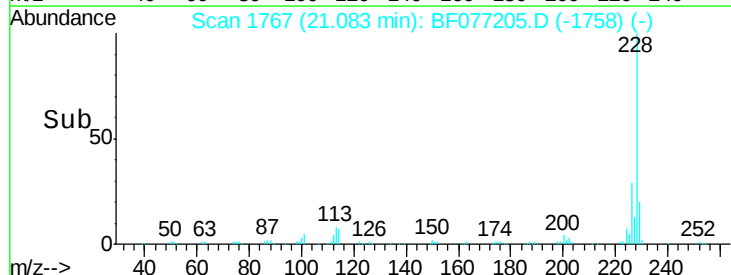
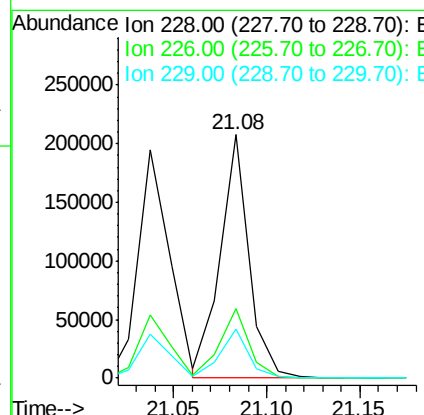
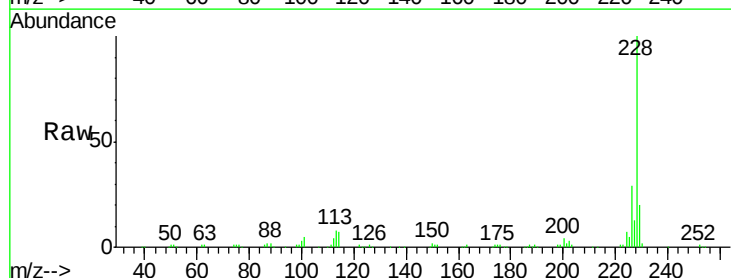
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#82
 Chrysene
 Concen: 35.57 ng
 RT: 21.08 min Scan# 1767
 Delta R.T. 0.00 min
 Lab File: BF077205.D
 Acq: 6 Feb 2015 16:53

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	28.7	23.4	35.0
229	20.0	15.4	23.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.12 ng

RT: 21.20 min Scan# 1777

Delta R.T. 0.00 min

Lab File: BF077205.D

Acq: 6 Feb 2015 16:53

Instrument :

BNA_F

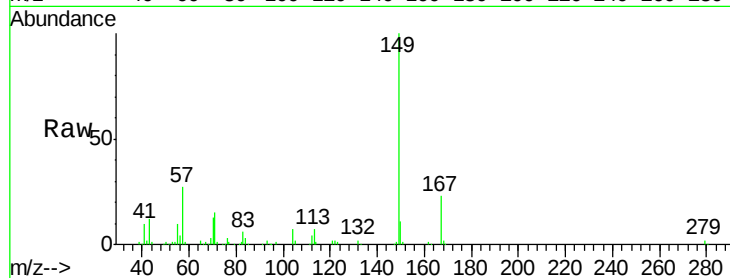
ClientSampleId :

PB81636BSD

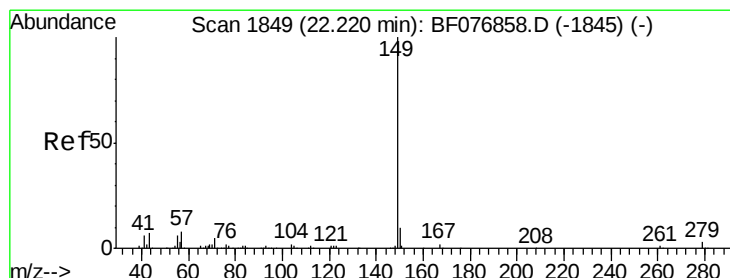
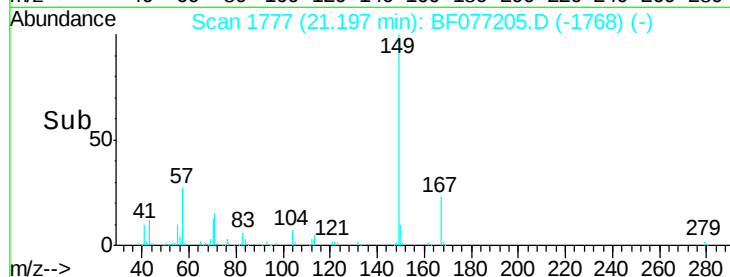
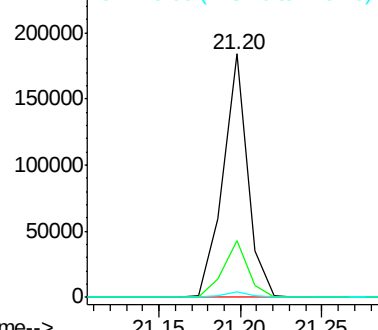
Tgt Ion:	149	Resp:	193242
Ion Ratio		Lower	Upper
149	100		
167	23.1	20.6	30.8
279	2.3	2.2	3.2

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



#84

Di-n-octyl phthalate

Concen: 40.16 ng

RT: 21.97 min Scan# 1845

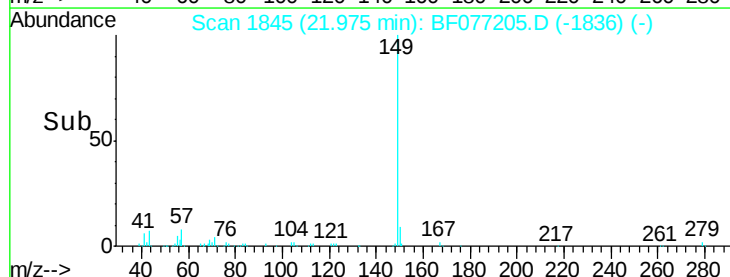
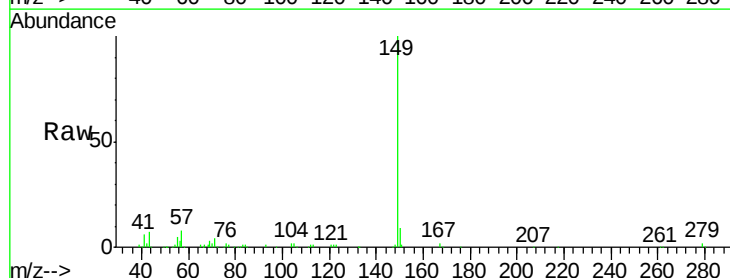
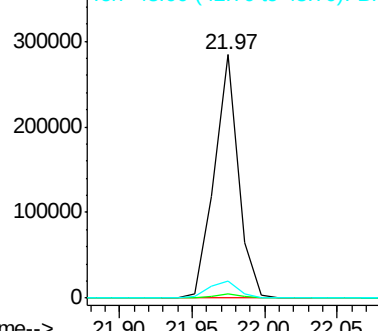
Delta R.T. 0.00 min

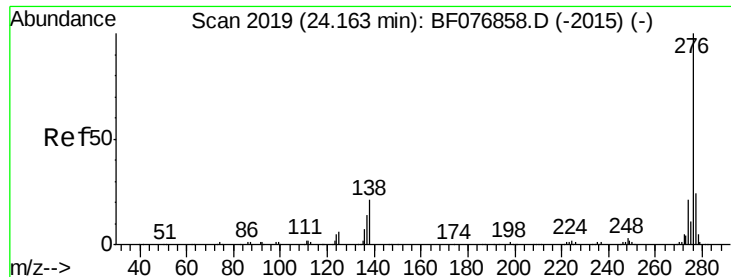
Lab File: BF077205.D

Acq: 6 Feb 2015 16:53

Tgt Ion:	149	Resp:	327567
Ion Ratio		Lower	Upper
149	100		
167	1.5	1.1	1.7
43	8.6	6.6	10.0

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





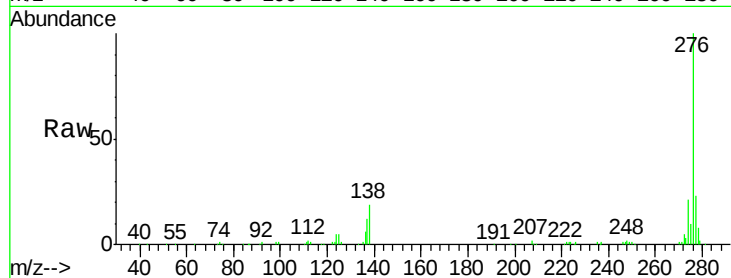
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 32.86 ng
 RT: 23.89 min Scan# 2013
 Delta R.T. -0.01 min
 Lab File: BF077205.D
 Acq: 6 Feb 2015 16:53

Instrument :
 BNA_F
 ClientSampleId :
 PB81636BSD

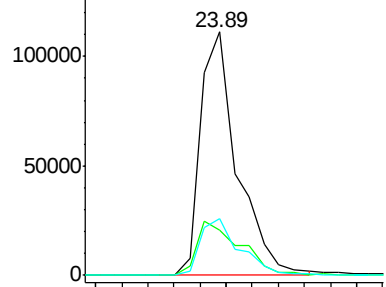
Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	26.9	14.6	22.0#
277	24.9	14.8	22.2#

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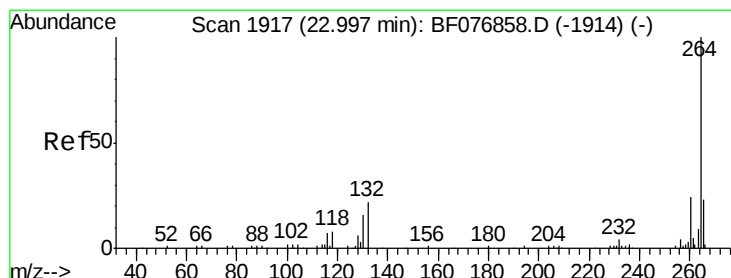
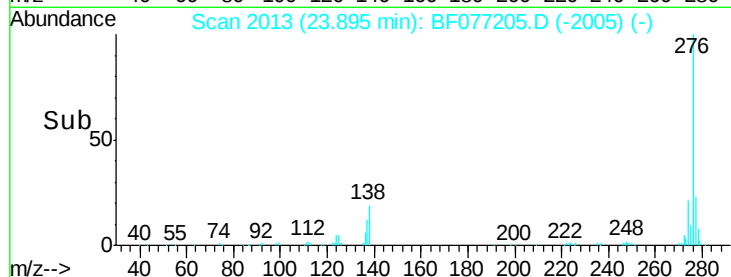
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Abundance Ion 276.00 (275.70 to 276.70): E
 150000 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E



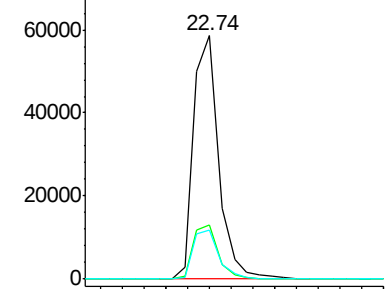
Time--> 23.80 23.90 24.00



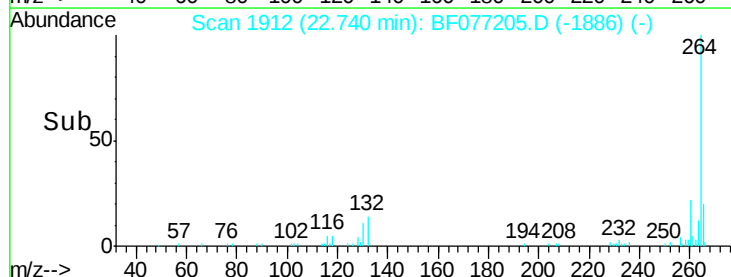
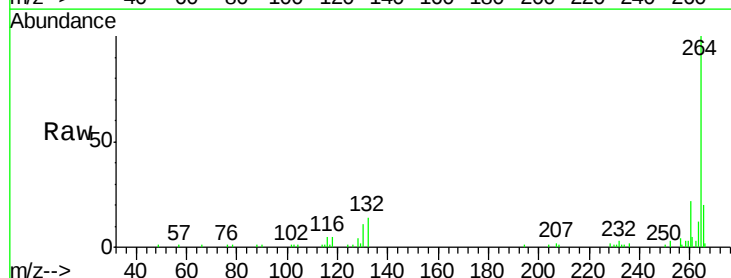
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 22.74 min Scan# 1912
 Delta R.T. 0.00 min
 Lab File: BF077205.D
 Acq: 6 Feb 2015 16:53

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	22.5	19.0	28.4
265	20.2	18.1	27.1

Abundance Ion 264.00 (263.70 to 264.70): E
 80000 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E



Time--> 22.70 22.80





#87

Benzo(b)fluoranthene

Concen: 39.02 ng

RT: 22.31 min Scan# 1874

Delta R.T. -0.01 min

Lab File: BF077205.D

Acq: 6 Feb 2015 16:53

Instrument :

BNA_F

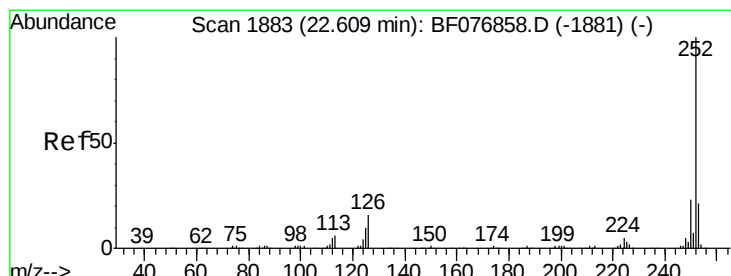
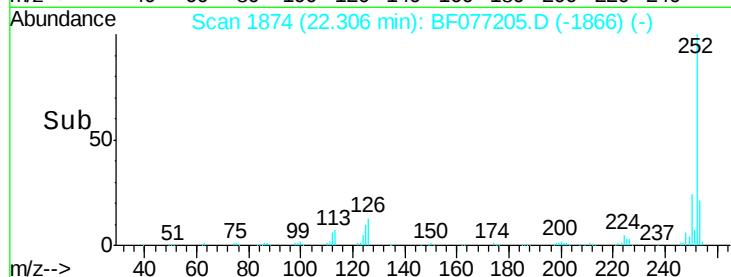
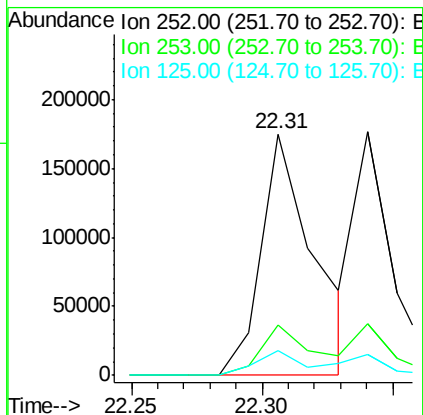
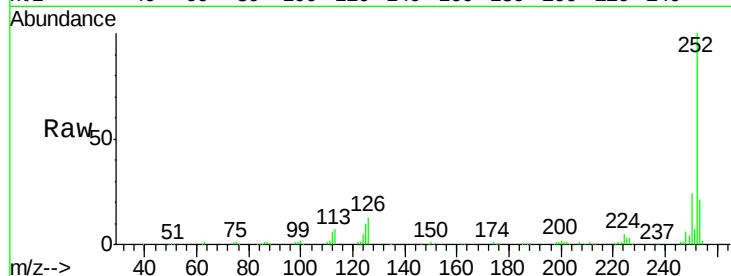
ClientSampleId :

PB81636BSD

Tgt Ion:	252	Resp:	246531
Ion Ratio	Lower	Upper	
252	100		
253	21.1	17.5	26.3
125	10.2	9.4	14.0

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#88

Benzo(k)fluoranthene

Concen: 32.03 ng m

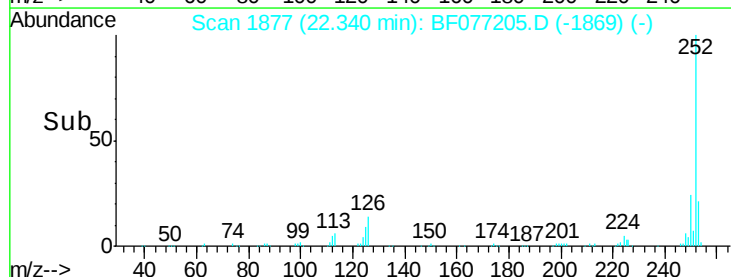
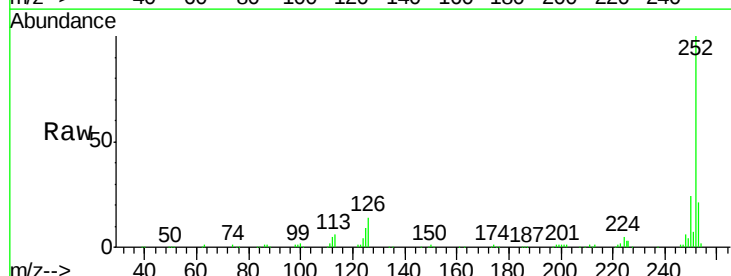
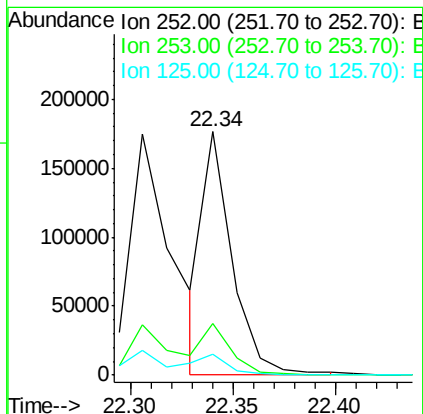
RT: 22.34 min Scan# 1877

Delta R.T. -0.01 min

Lab File: BF077205.D

Acq: 6 Feb 2015 16:53

Tgt Ion:	252	Resp:	176787
Ion Ratio	Lower	Upper	
252	100		
253	21.4	17.2	25.8
125	8.6	7.1	10.7





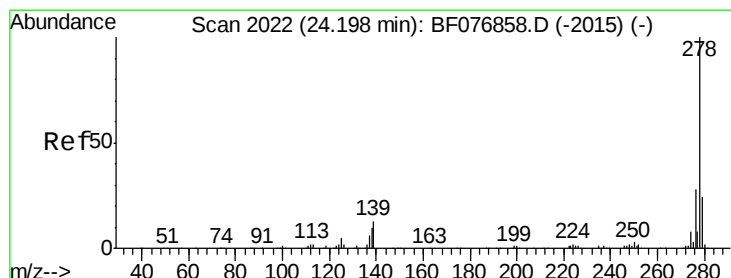
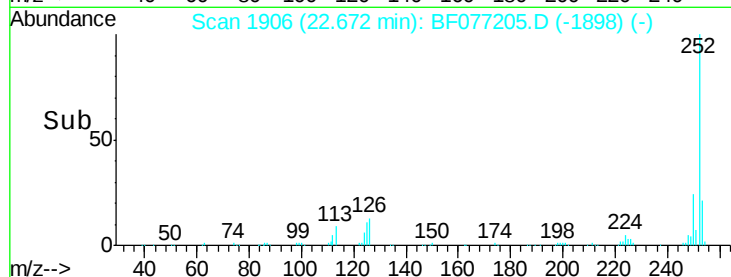
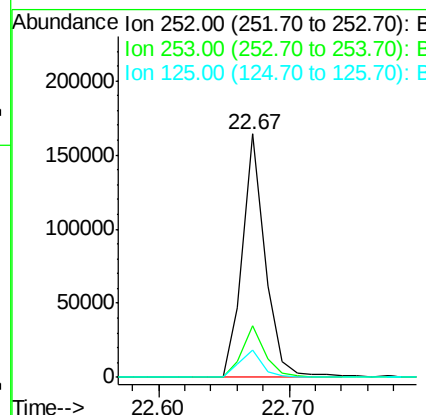
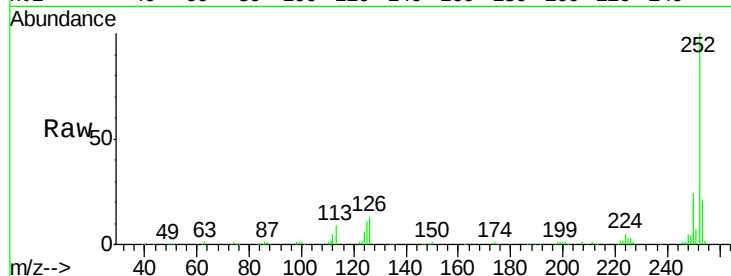
#89
Benzo(a)pyrene
Concen: 35.90 ng
RT: 22.67 min Scan# 1906
Delta R.T. -0.01 min
Lab File: BF077205.D
Acq: 6 Feb 2015 16:53

Instrument :
BNA_F
ClientSampleId :
PB81636BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	21.3	17.9	26.9
125	11.1	7.2	10.8

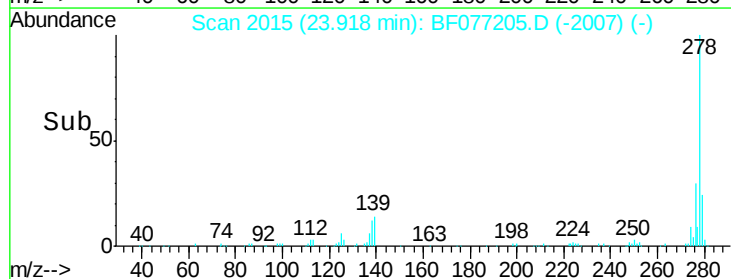
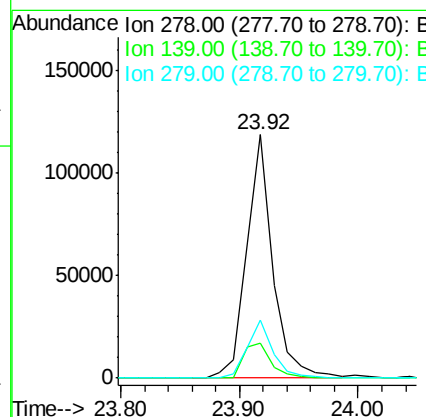
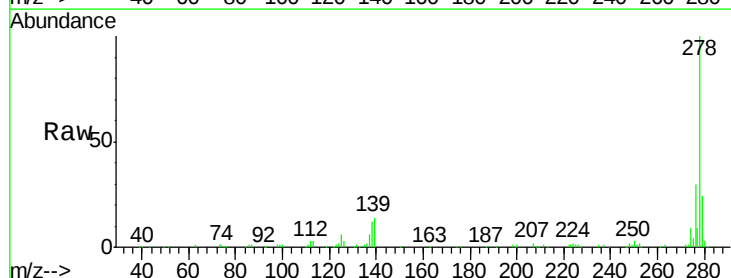
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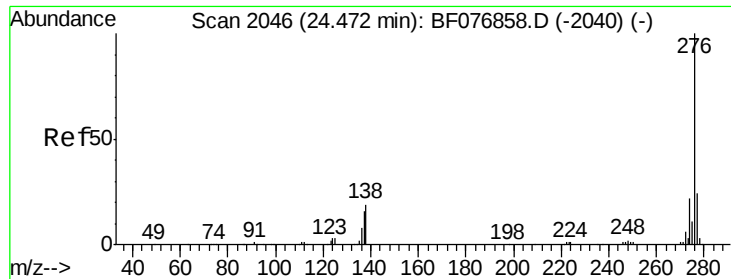
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#90
Dibenzo(a,h)anthracene
Concen: 35.76 ng
RT: 23.92 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF077205.D
Acq: 6 Feb 2015 16:53

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	14.4	10.5	15.7
279	24.1	19.3	28.9





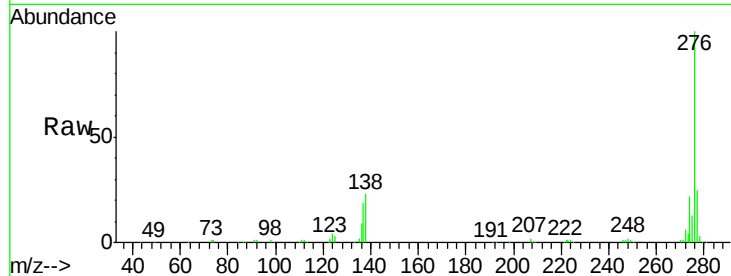
#91
 Benzo(g,h,i)perylene
 Concen: 35.53 ng
 RT: 24.16 min Scan# 2036
 Delta R.T. -0.02 min
 Lab File: BF077205.D
 Acq: 6 Feb 2015 16:53

Instrument :
 BNA_F
 ClientSampleId :
 PB81636BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	25.0	19.5	29.3
138	22.7	15.0	22.6

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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

