

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042215\
 Data File : BF078734.D
 Acq On : 23 Apr 2015 00:43
 Operator : TP/IZ
 Sample : PB82927BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82927BS

Manual Integrations
 APPROVED

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 4/23/2015 2:15:18 PM

Quant Time: Apr 23 01:46:13 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 23 00:55:17 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.78	152	23063	20.00	ng	-0.01
21) Naphthalene-d8	7.94	136	94244	20.00	ng	-0.01
38) Acenaphthene-d10	11.13	164	48718	20.00	ng	0.00
63) Phenanthrene-d10	13.86	188	101399	20.00	ng	0.00
75) Chrysene-d12	17.74	240	111953	20.00	ng	0.00
86) Perylene-d12	19.41	264	110156	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	3.80	112	152146	108.77	ng	0.00
7) Phenol-d6	5.29	99	196277	111.97	ng	0.00
23) Nitrobenzene-d5	6.73	82	110924	71.34	ng	0.00
41) 2,4,6-Tribromophenol	12.61	330	51472	127.39	ng	0.00
44) 2-Fluorobiphenyl	9.96	172	250558	73.52	ng	0.00
78) Terphenyl-d14	16.40	244	322460	65.09	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.37	88	14943	23.62	ng	# 23
3) Pyridine	1.86	79	45742	27.61	ng	97
4) n-Nitrosodimethylamine	1.82	42	20608	32.31	ng	85
6) Aniline	5.27	93	40723	16.38	ng	91
8) 2-Chlorophenol	5.45	128	56852	34.37	ng	95
9) Benzaldehyde	5.10	77	6255	5.38	ng	94
10) Phenol	5.31	94	69240	32.96	ng	100
11) bis(2-Chloroethyl)ether	5.42	93	50013	33.11	ng	98
12) 1,3-Dichlorobenzene	5.68	146	57908	31.87	ng	97
13) 1,4-Dichlorobenzene	5.82	146	59195	32.37	ng	98
14) 1,2-Dichlorobenzene	6.04	146	55944	32.63	ng	98
15) Benzyl Alcohol	6.07	79	45931	37.29	ng	92
16) 2,2'-oxybis(1-Chloropropan	6.31	45	65367	32.44	ng	87
17) 2-Methylphenol	6.28	107	44367	34.55	ng	95
18) Hexachloroethane	6.59	117	19657	31.87	ng	# 83
19) n-Nitroso-di-n-propylamine	6.51	70	38641	33.41	ng	# 88
20) 3+4-Methylphenols	6.57	107	58830	34.34	ng	93
22) Acetophenone	6.48	105	78175	35.60	ng	# 89
24) Nitrobenzene	6.75	77	55951	34.42	ng	# 81
25) Isophorone	7.19	82	100831	34.17	ng	95
26) 2-Nitrophenol	7.31	139	27070	34.95	ng	98
27) 2,4-Dimethylphenol	7.47	122	50487	35.05	ng	97
28) bis(2-Chloroethoxy)methane	7.63	93	63864	33.75	ng	99
29) 2,4-Dichlorophenol	7.75	162	47417	36.19	ng	91
30) 1,2,4-Trichlorobenzene	7.86	180	48474	32.26	ng	96
31) Naphthalene	7.99	128	164323	33.50	ng	99
32) Benzoic acid	7.69	122	26903	40.72	ng	94
33) 4-Chloroaniline	8.15	127	38806	19.06	ng	98
34) Hexachlorobutadiene	8.24	225	27370	33.18	ng	97
35) Caprolactam	8.76	113	14973	38.28	ng	# 91
36) 4-Chloro-3-methylphenol	9.11	107	49644	37.55	ng	# 86
37) 2-Methylnaphthalene	9.24	142	114078	34.25	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.55	216	49127	32.54	ng	97
40) Hexachlorocyclopentadiene	9.54	237	34277	55.07	ng	98

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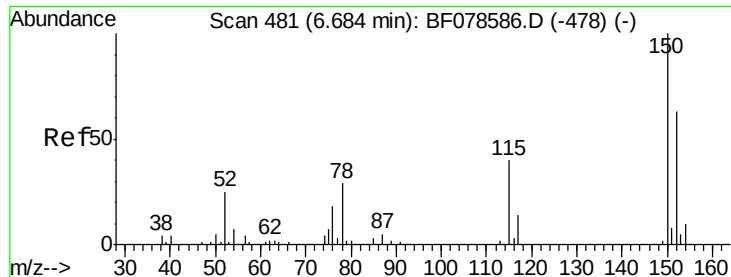
Manual Integrations
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Quant Time: Apr 23 01:46:13 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 23 00:55:17 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.80	196	34111	35.83	nq	99
43) 2,4,5-Trichlorophenol	9.87	196	36320	36.52	nq	93
45) 1,1'-Biphenyl	10.12	154	137758	34.57	nq	98
46) 2-Chloronaphthalene	10.12	162	106428	33.94	nq	99
47) 2-Nitroaniline	10.36	65	30224	38.96	nq	87
48) Acenaphthylene	10.87	152	177268	35.01	nq	100
49) Dimethylphthalate	10.76	163	132863	36.30	nq	99
50) 2,6-Dinitrotoluene	10.86	165	27599	36.65	nq	# 39
51) Acenaphthene	11.19	154	101717	35.68	nq	98
52) 3-Nitroaniline	11.14	138	24021	28.05	nq	94
53) 2,4-Dinitrophenol	11.37	184	17491	65.73	nq	92
54) Dibenzofuran	11.52	168	161727	37.15	nq	97
55) 4-Nitrophenol	11.56	139	34432	55.49	nq	# 75
56) 2,4-Dinitrotoluene	11.60	165	39169	40.16	nq	92
57) Fluorene	12.15	166	134426	38.09	nq	99
58) 2,3,4,6-Tetrachlorophenol	11.79	232	26528	35.98	nq	# 98
59) Diethylphthalate	12.09	149	133580	37.85	nq	98
60) 4-Chlorophenyl-phenylether	12.22	204	60087	37.01	nq	# 86
61) 4-Nitroaniline	12.26	138	29522	34.11	nq	98
62) Azobenzene	12.50	77	125569	38.99	nq	92
64) 4,6-Dinitro-2-methylphenol	12.34	198	15238	33.44	nq	# 77
65) n-Nitrosodiphenylamine	12.45	169	113862	32.46	nq	97
66) 4-Bromophenyl-phenylether	13.11	248	37489	34.91	nq	92
67) Hexachlorobenzene	13.14	284	38862	33.02	nq	# 90
68) Atrazine	13.52	200	43941	43.25	nq	97
69) Pentachlorophenol	13.55	266	27548	55.43	nq	99
70) Phenanthrene	13.91	178	198906	33.91	nq	100
71) Anthracene	14.00	178	204901	35.45	nq	99
72) Carbazole	14.33	167	194389	35.89	nq	99
73) Di-n-butylphthalate	15.02	149	226916	36.98	nq	100
74) Fluoranthene	15.81	202	225543	36.46	nq	91
76) Benzidine	16.06	184	82127	19.05	nq	97
77) Pyrene	16.11	202	236678	33.68	nq	99
79) Butylbenzylphthalate	17.10	149	101621	37.94	nq	97
80) Benzo(a)anthracene	17.73	228	223106	33.49	nq	99
81) 3,3'-Dichlorobenzidine	17.74	252	53489	23.98	nq	98
82) Chrysene	17.77	228	214640	34.30	nq	99
83) Bis(2-ethylhexyl)phthalate	17.86	149	154589	36.80	nq	# 95
84) Di-n-octyl phthalate	18.64	149	273483	39.65	nq	# 100
85) Indeno(1,2,3-cd)pyrene	20.53	276	247472	34.85	nq	# 88
87) Benzo(b)fluoranthene	18.99	252	252901	37.15	nq	# 97
88) Benzo(k)fluoranthene	19.03	252	184370m	30.47	nq	
89) Benzo(a)pyrene	19.35	252	220126	37.05	nq	98
90) Dibenzo(a,h)anthracene	20.55	278	201494	33.87	nq	98
91) Benzo(g,h,i)perylene	20.83	276	203069	34.05	nq	97

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



#1

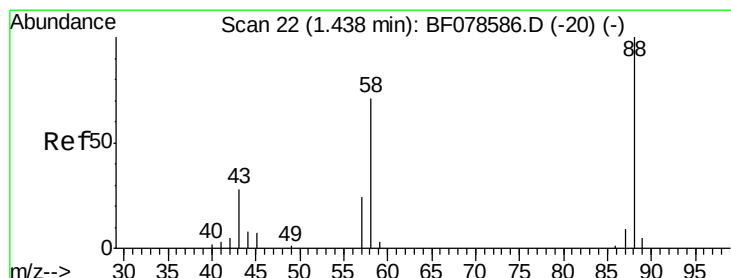
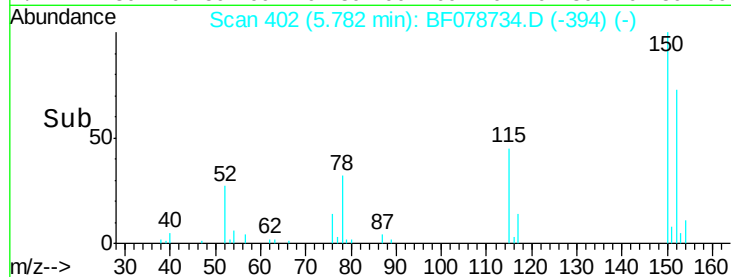
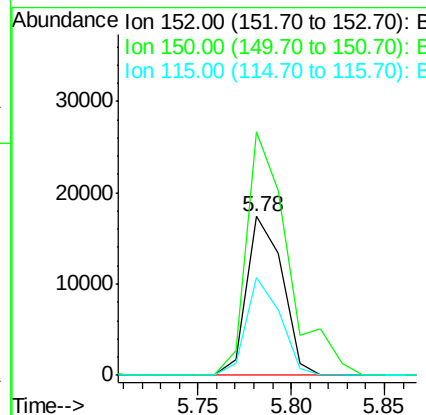
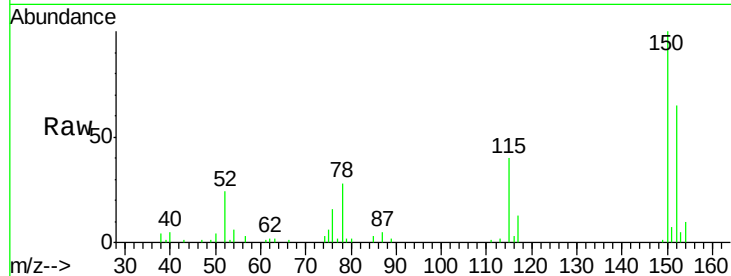
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.78 min Scan# 402
Delta R.T. -0.01 min
Lab File: BF078734.D
Acq: 23 Apr 2015 00:43

Instrument :
BNA_F
ClientSampleId :
PB82927BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.2	125.9	188.9
115	61.1	52.7	79.1

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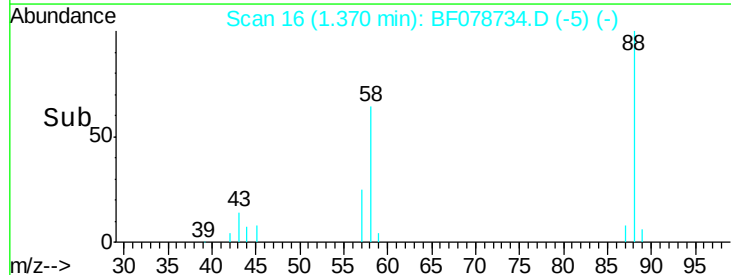
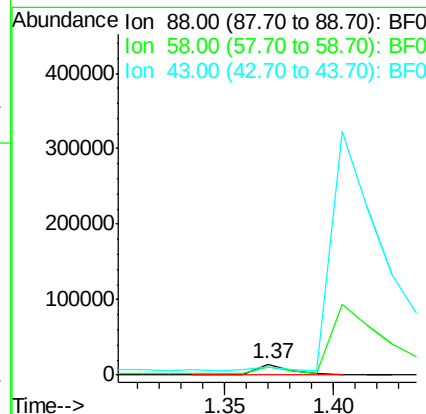
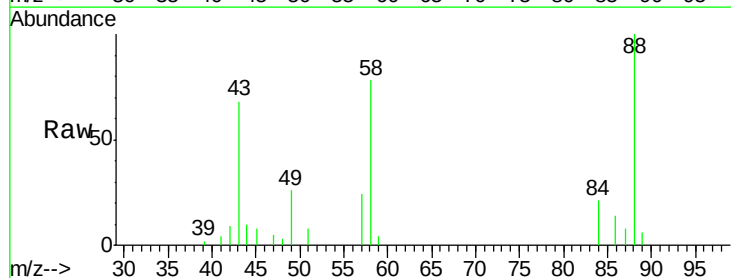
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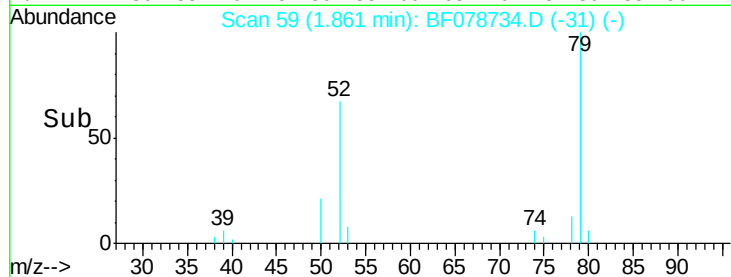
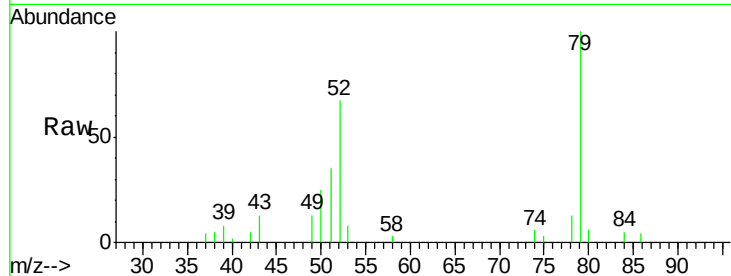
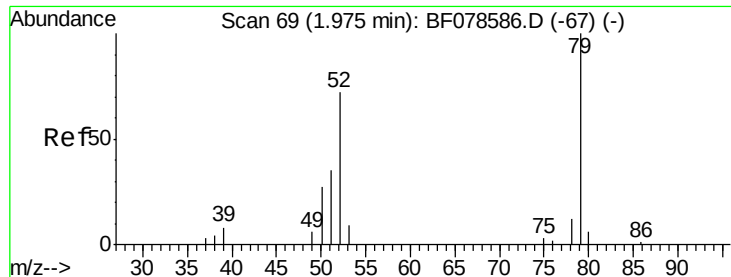


#2

1,4-Dioxane
Concen: 23.62 ng
RT: 1.37 min Scan# 16
Delta R.T. 0.02 min
Lab File: BF078734.D
Acq: 23 Apr 2015 00:43

Tgt Ion	Ratio	Lower	Upper
88	100		
58	0.0	56.9	85.3#
43	0.0	21.4	32.2#





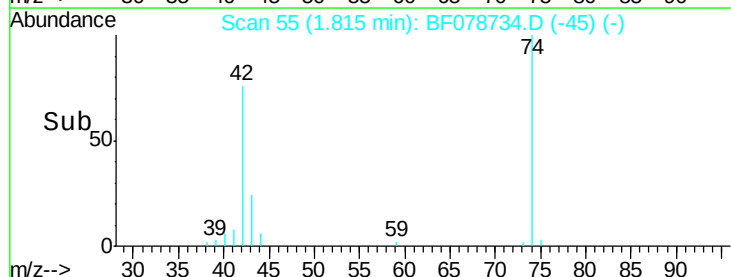
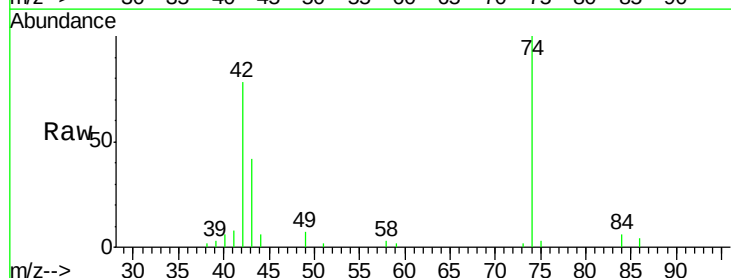
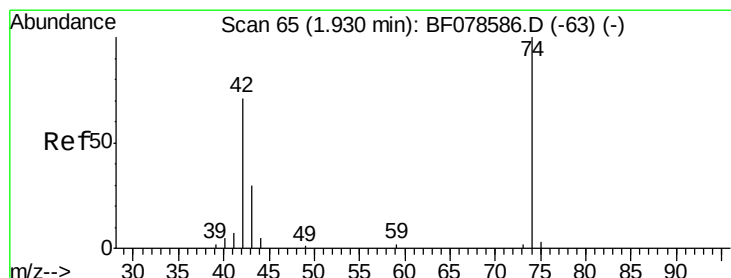
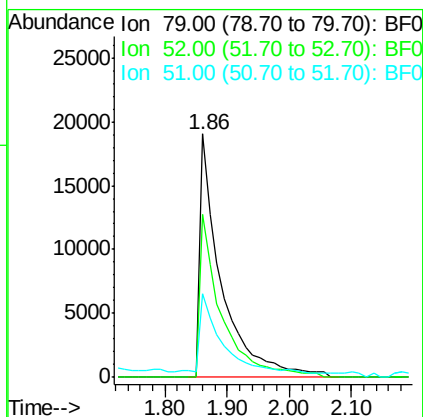
#3
 Pvridine
 Concen: 27.61 ng
 RT: 1.86 min Scan# 59
 Delta R.T. 0.02 min
 Lab File: BF078734.D
 Acq: 23 Apr 2015 00:43

Tot Ion	Ion	Ratio	Lower	Upper
79	100			
52	67.1	52.4	78.6	
51	34.5	24.9	37.3	

Instrument :
 BNA_F
 ClientSampleId :
 PB82927BS

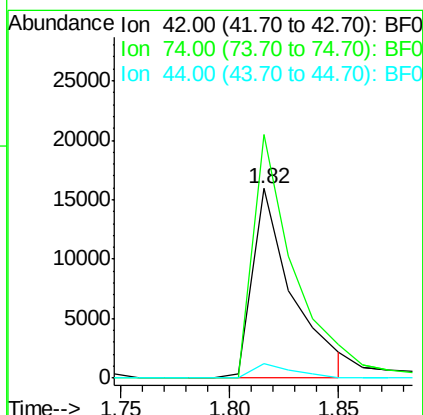
Manual Integrations
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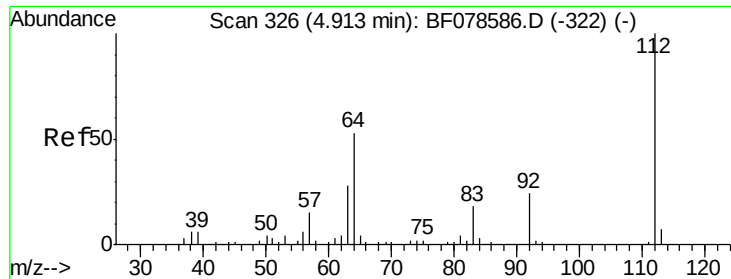
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#4
 n-Nitrosodimethylamine
 Concen: 32.31 ng
 RT: 1.82 min Scan# 55
 Delta R.T. 0.01 min
 Lab File: BF078734.D
 Acq: 23 Apr 2015 00:43

Tgt Ion	Ion	Ratio	Lower	Upper
42	100			
74	128.4	118.7	178.1	
44	7.8	5.9	8.9	





#5

2-Fluorophenol

Concen: 108.77 ng

RT: 3.80 min Scan# 229

Delta R.T. -0.00 min

Lab File: BF078734.D

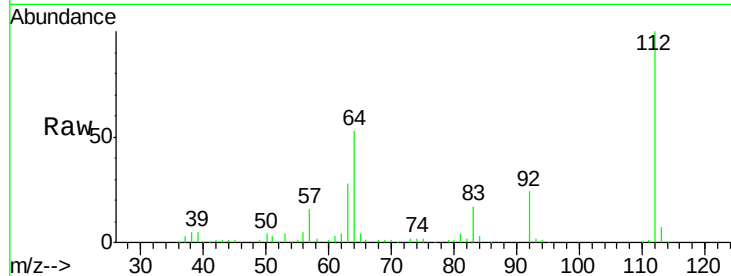
Acq: 23 Apr 2015 00:43

Instrument :

BNA_F

ClientSampleId :

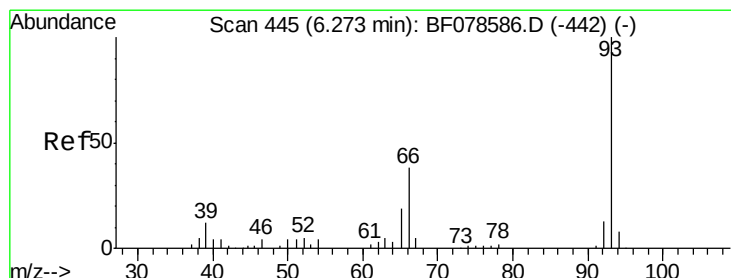
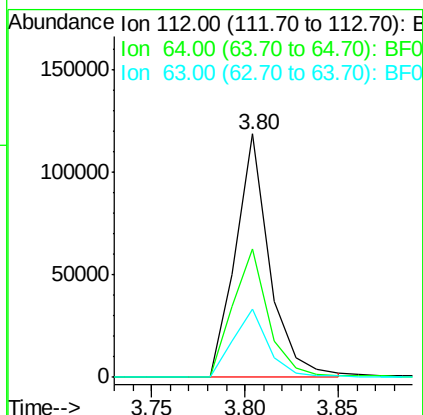
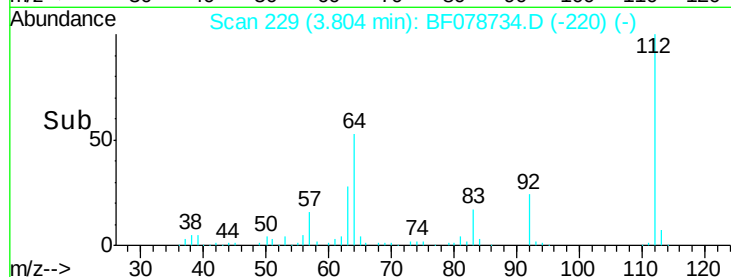
PB82927BS



Tot Ion:	112	Resp:	152146
Ion Ratio	Lower	Upper	
112	100		
64	52.7	39.9	59.9
63	27.8	20.2	30.4

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#6

Aniline

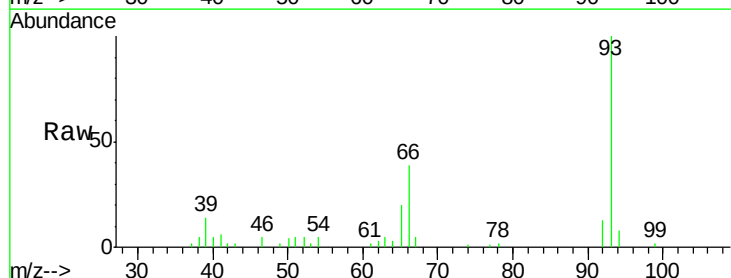
Concen: 16.38 ng

RT: 5.27 min Scan# 357

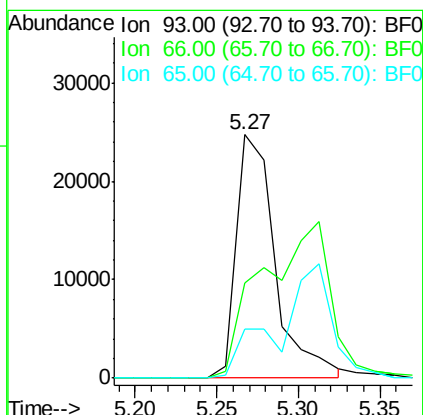
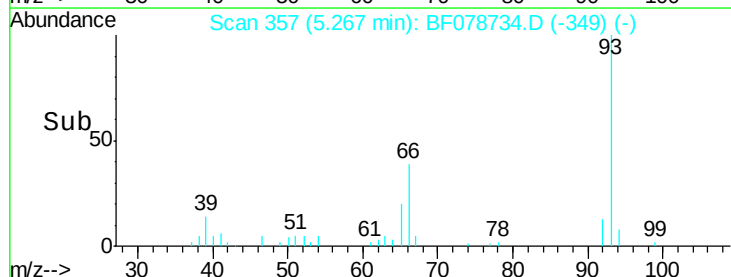
Delta R.T. -0.01 min

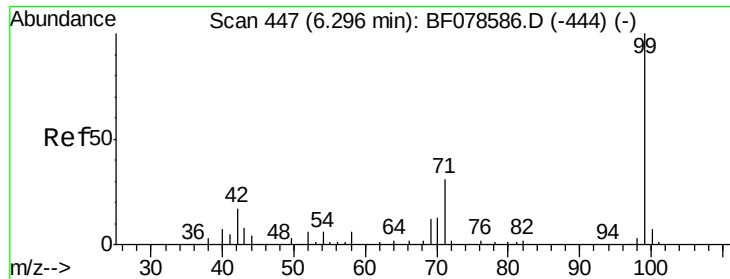
Lab File: BF078734.D

Acq: 23 Apr 2015 00:43



Tgt Ion:	93	Resp:	40723
Ion Ratio	Lower	Upper	
93	100		
66	38.8	38.0	57.0
65	20.0	16.3	24.5





#7

Phenol-d6

Concen: 111.97 ng

RT: 5.29 min Scan# 359

Delta R.T. -0.00 min

Lab File: BF078734.D

Acq: 23 Apr 2015 00:43

Instrument :

BNA_F

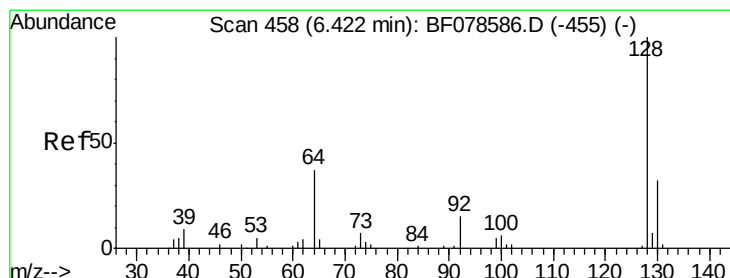
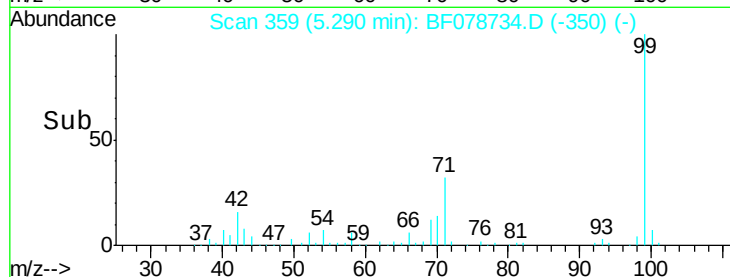
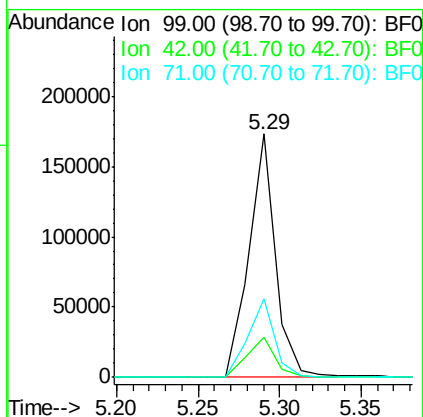
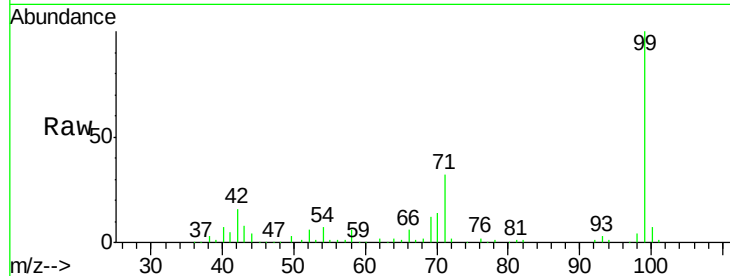
ClientSampleId :

PB82927BS

Tot Ion:	99	Resp:	196277
Ion Ratio	Lower	Upper	
99	100		
42	16.4	14.8	22.2
71	32.2	26.6	39.8

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#8

2-Chlorophenol

Concen: 34.37 ng

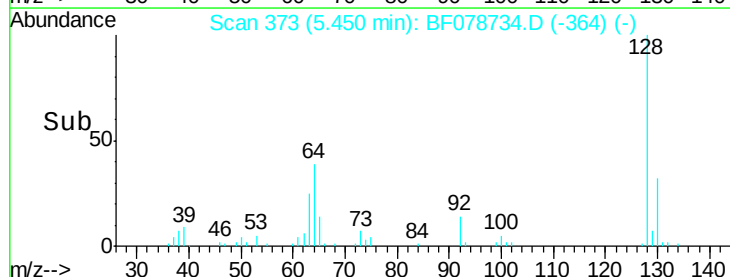
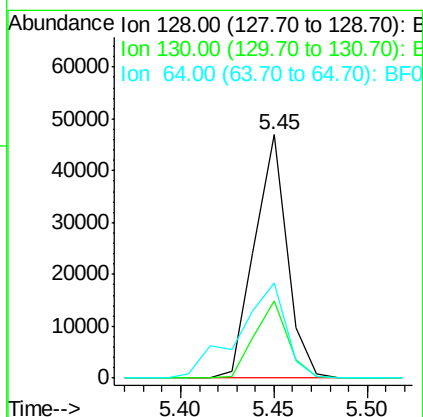
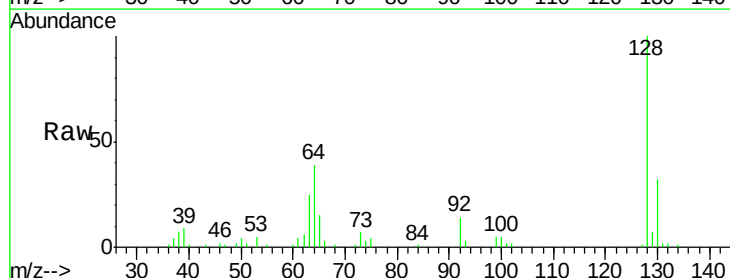
RT: 5.45 min Scan# 373

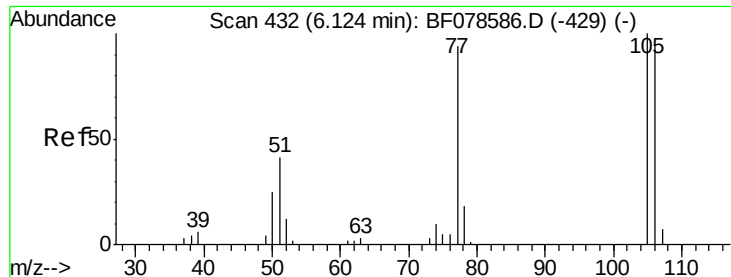
Delta R.T. -0.00 min

Lab File: BF078734.D

Acq: 23 Apr 2015 00:43

Tgt Ion:	128	Resp:	56852
Ion Ratio	Lower	Upper	
128	100		
130	31.8	12.3	52.3
64	38.8	23.8	63.8





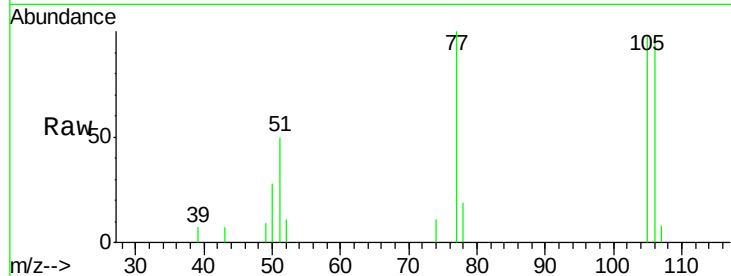
#9
Benzaldehyde
Concen: 5.38 ng
RT: 5.10 min Scan# 342
Delta R.T. -0.00 min
Lab File: BF078734.D
Acq: 23 Apr 2015 00:43

Instrument :
BNA_F
ClientSampleId :
PB82927BS

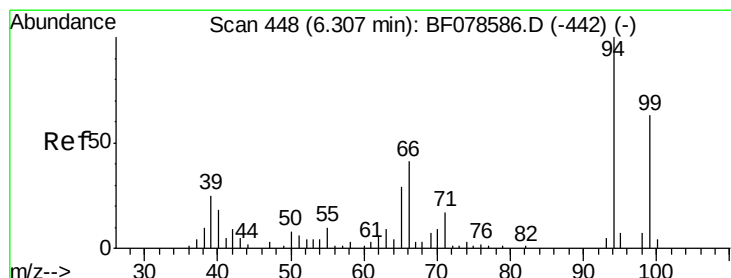
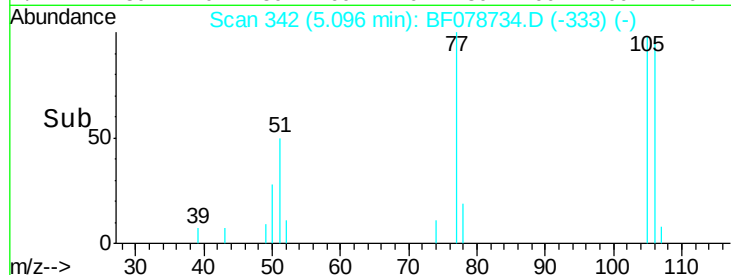
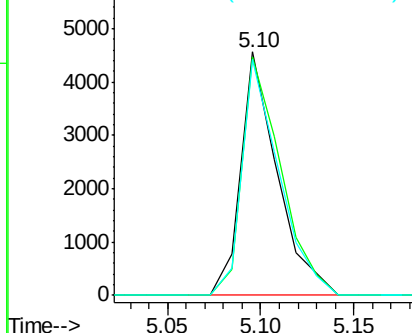
Tot Ion	Ratio	Lower	Upper
77	100		
105	97.8	85.4	125.4
106	96.7	80.8	120.8

Manual Integrations
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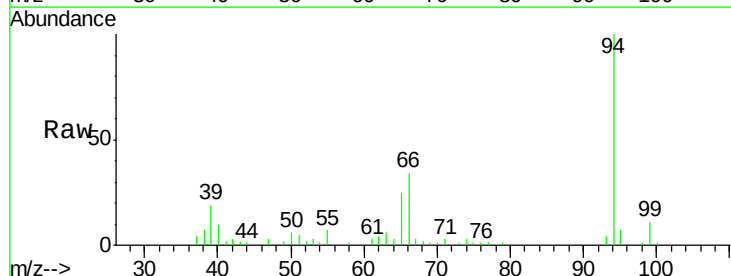


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0

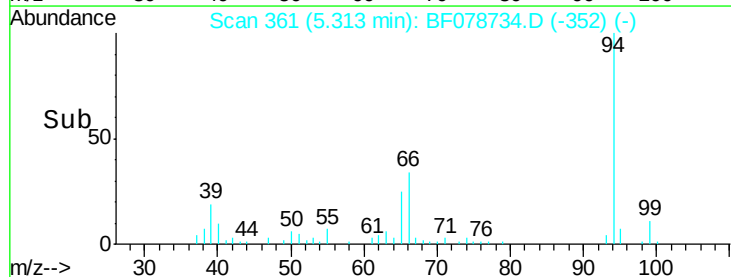
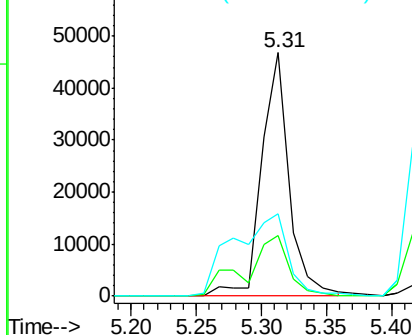


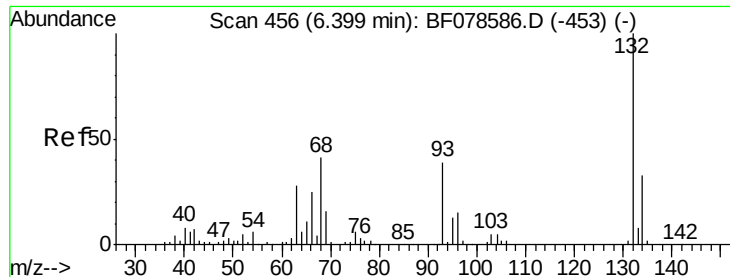
#10
Phenol
Concen: 32.96 ng
RT: 5.31 min Scan# 361
Delta R.T. -0.00 min
Lab File: BF078734.D
Acq: 23 Apr 2015 00:43

Tgt Ion	Ratio	Lower	Upper
94	100		
65	24.9	4.9	44.9
66	33.9	13.8	53.8



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





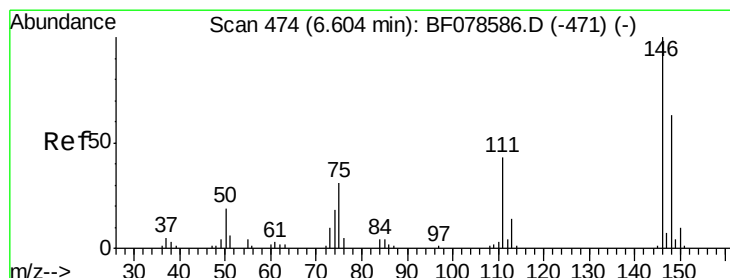
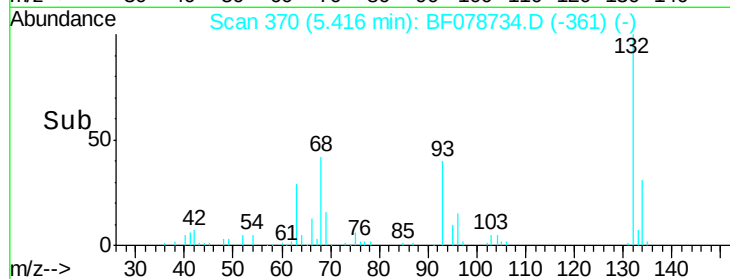
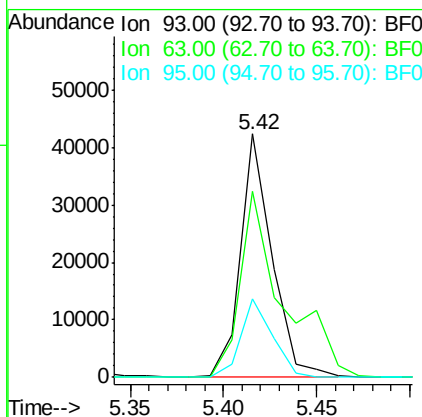
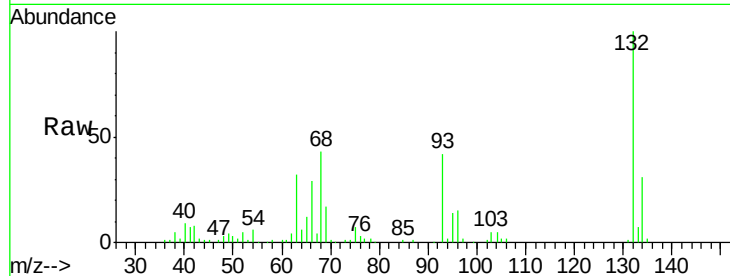
#11
bis(2-Chloroethyl)ether
Concen: 33.11 ng
RT: 5.42 min Scan# 370
Delta R.T. -0.00 min
Lab File: BF078734.D
Acq: 23 Apr 2015 00:43

Instrument :
BNA_F
ClientSampleId :
PB82927BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	76.3	54.6	94.6
95	32.2	13.6	53.6

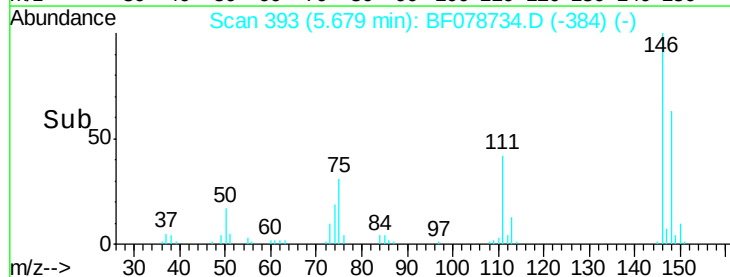
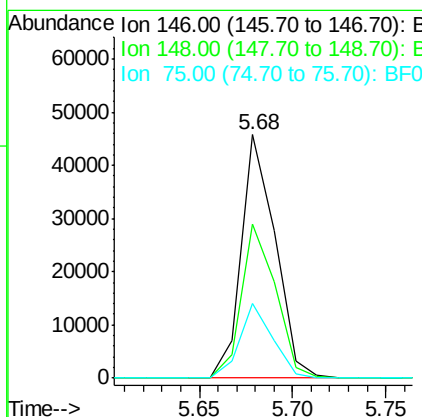
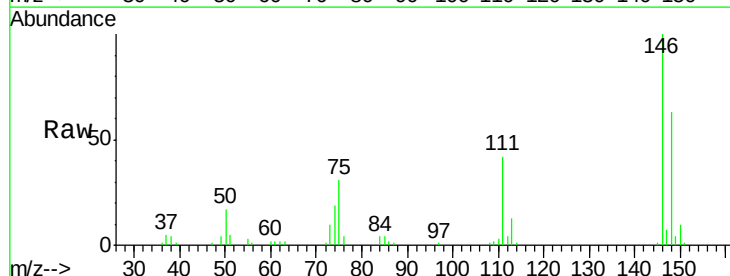
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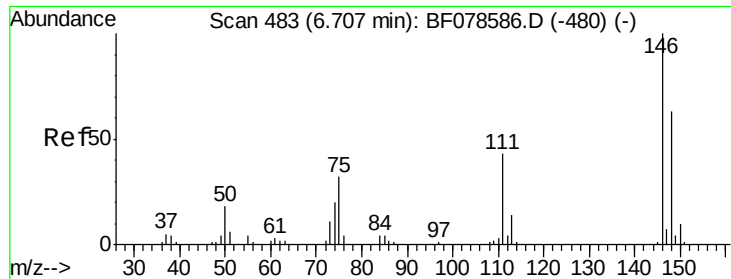
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#12
1,3-Dichlorobenzene
Concen: 31.87 ng
RT: 5.68 min Scan# 393
Delta R.T. -0.00 min
Lab File: BF078734.D
Acq: 23 Apr 2015 00:43

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	49.1	73.7
75	30.9	26.6	40.0





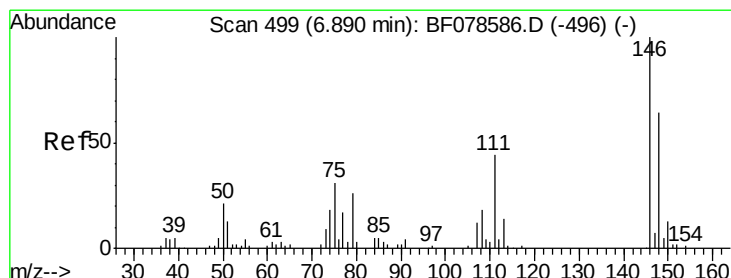
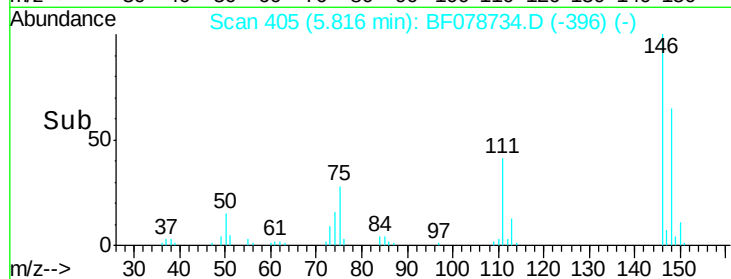
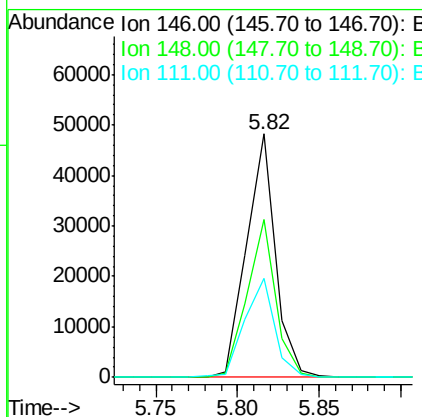
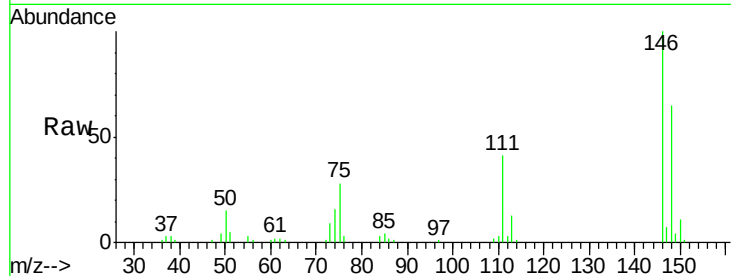
#13
 1,4-Dichlorobenzene
 Concen: 32.37 ng
 RT: 5.82 min Scan# 405
 Delta R.T. -0.00 min
 Lab File: BF078734.D
 Acq: 23 Apr 2015 00:43

Instrument :
 BNA_F
 ClientSampleId :
 PB82927BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.4	77.0
111	40.6	35.0	52.4

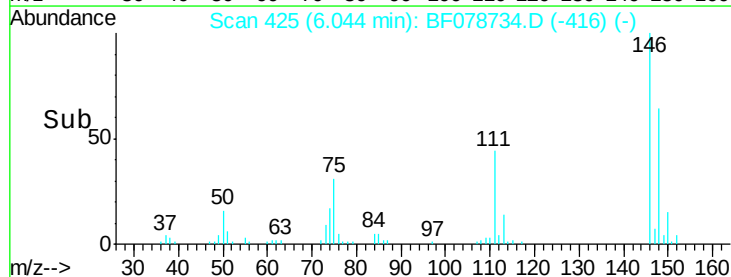
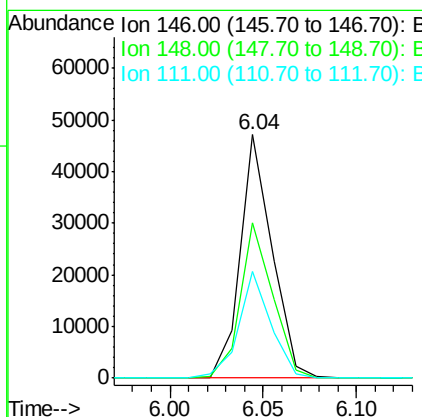
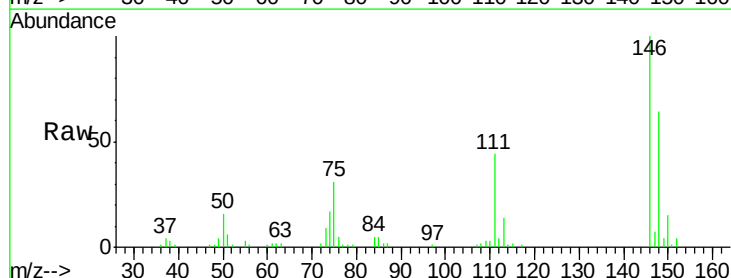
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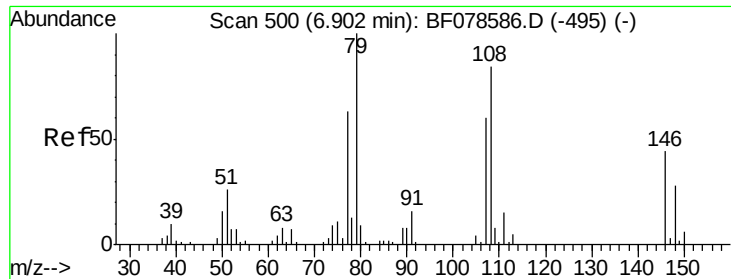
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#14
 1,2-Dichlorobenzene
 Concen: 32.63 ng
 RT: 6.04 min Scan# 425
 Delta R.T. -0.00 min
 Lab File: BF078734.D
 Acq: 23 Apr 2015 00:43

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.2	75.4
111	43.8	36.1	54.1





#15

Benzyl Alcohol

Concen: 37.29 ng

RT: 6.07 min Scan# 427

Delta R.T. -0.00 min

Lab File: BF078734.D

Acq: 23 Apr 2015 00:43

Instrument :

BNA_F

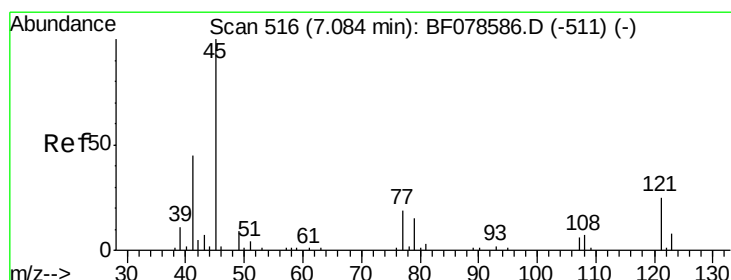
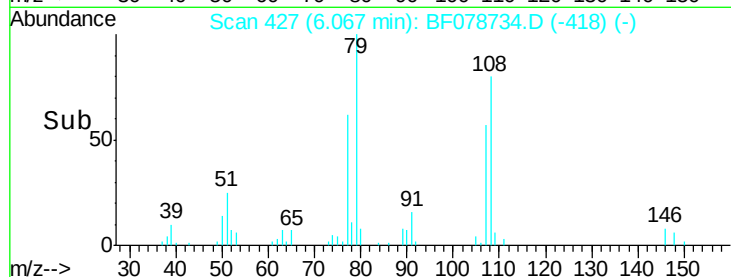
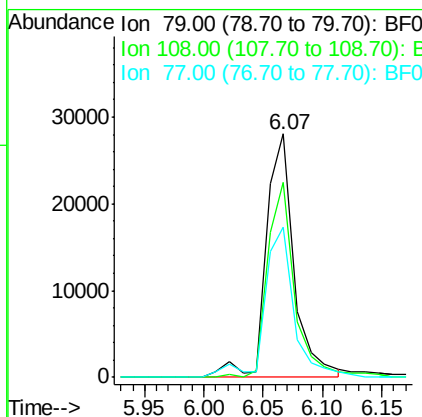
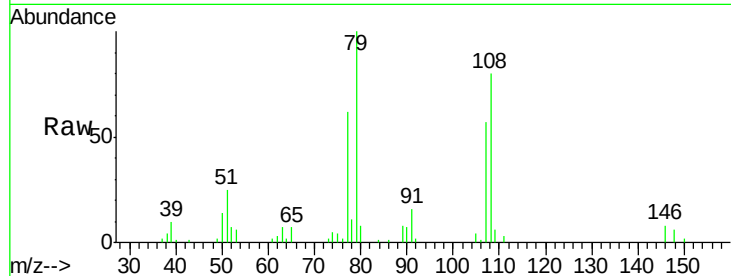
ClientSampleId :

PB82927BS

Tot Ion:	79	Resp:	45931
Ion Ratio	Lower	Upper	
79	100		
108	80.0	57.6	86.4
77	61.7	53.5	80.3

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.44 ng

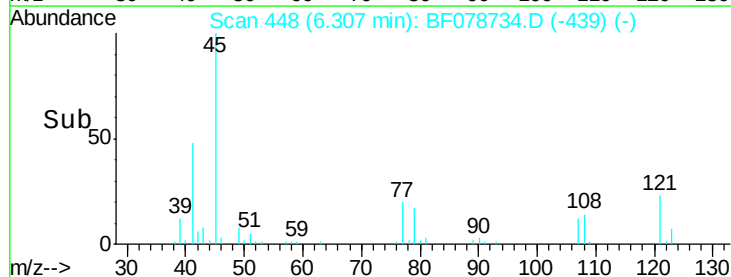
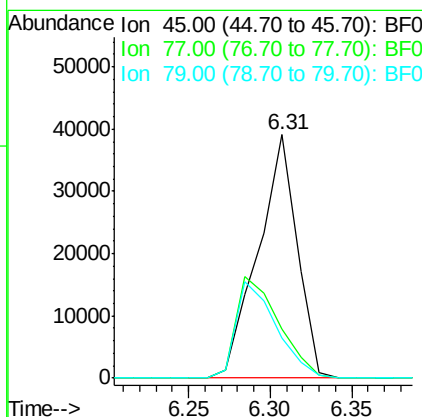
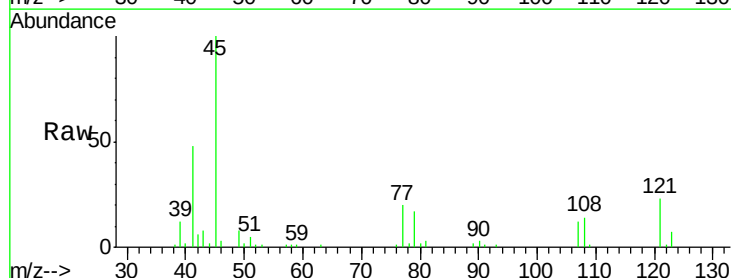
RT: 6.31 min Scan# 448

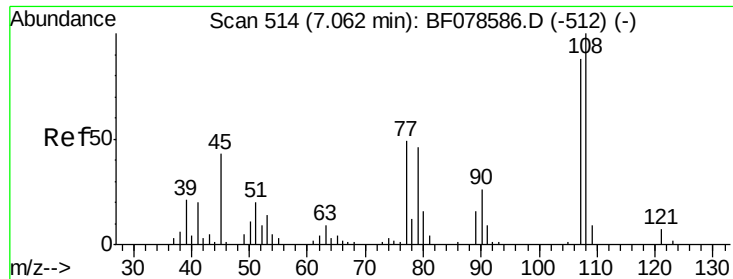
Delta R.T. -0.00 min

Lab File: BF078734.D

Acq: 23 Apr 2015 00:43

Tgt Ion:	45	Resp:	65367
Ion Ratio	Lower	Upper	
45	100		
77	20.3	0.0	34.5
79	16.5	0.0	31.9





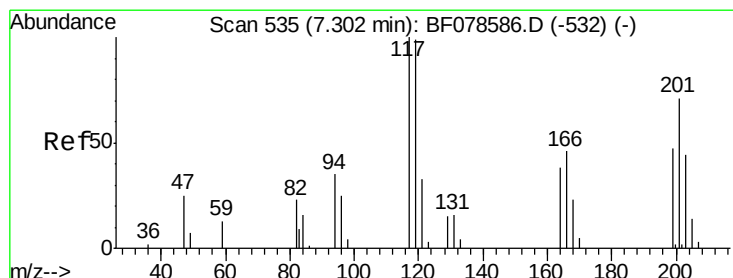
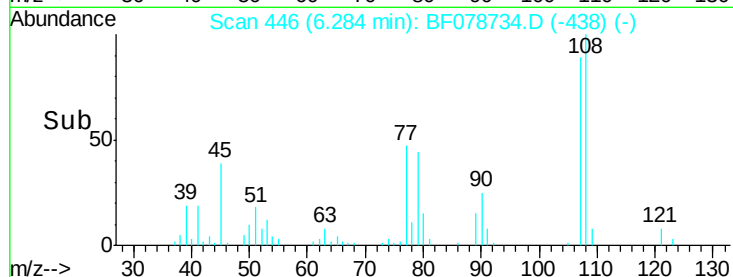
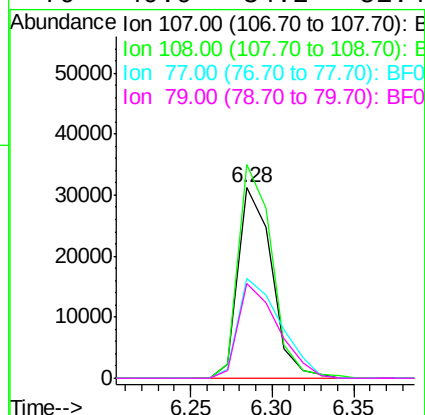
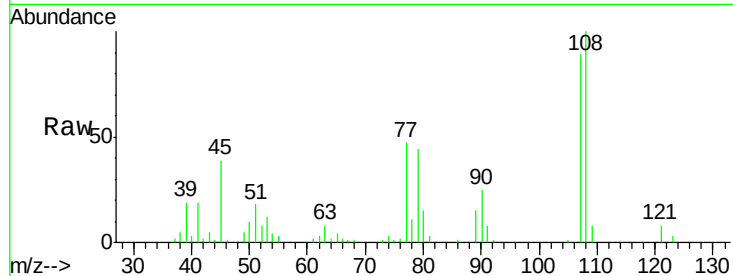
#17
2-Methylphenol
Concen: 34.55 ng
RT: 6.28 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF078734.D
Acq: 23 Apr 2015 00:43

Instrument :
BNA_F
ClientSampled :
PB82927BS

Tot Ion:	107	Resp:	44367
Ion Ratio	Lower	Upper	
107	100		
108	112.3	90.3	135.5
77	52.4	35.5	53.3
79	49.9	34.2	51.4

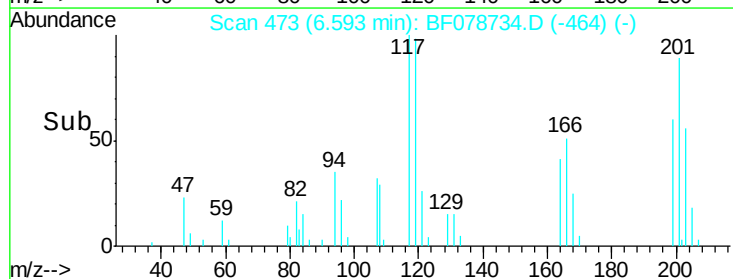
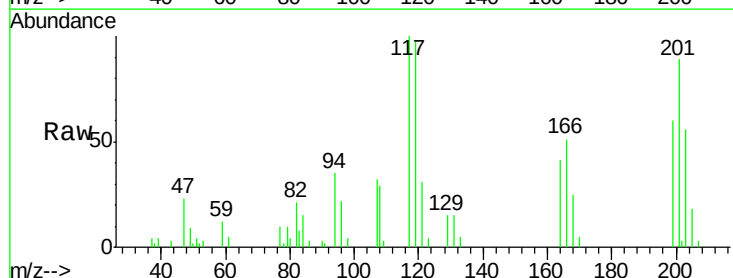
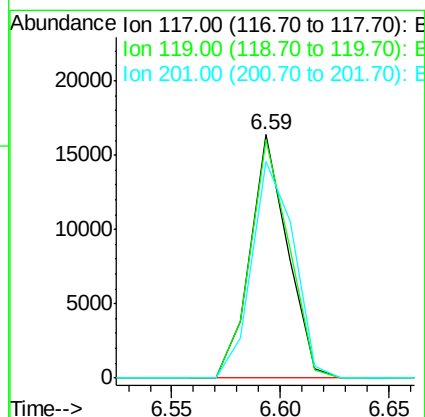
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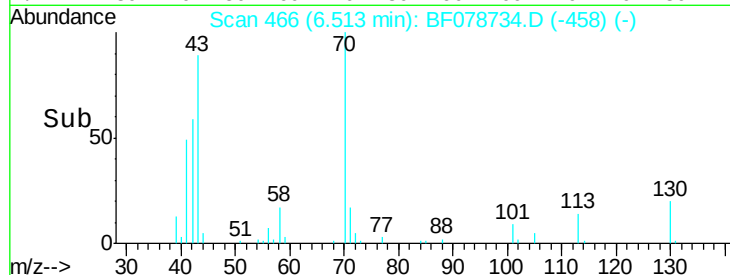
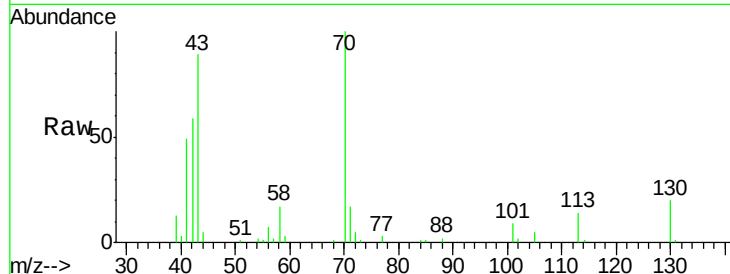
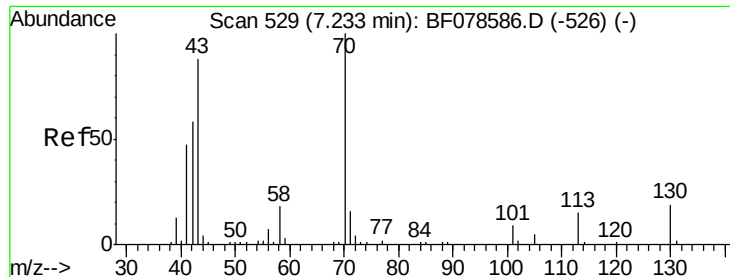
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#18
Hexachloroethane
Concen: 31.87 ng
RT: 6.59 min Scan# 473
Delta R.T. -0.00 min
Lab File: BF078734.D
Acq: 23 Apr 2015 00:43

Tgt Ion:	117	Resp:	19657
Ion Ratio	Lower	Upper	
117	100		
119	97.7	77.0	115.6
201	89.2	98.1	147.1#





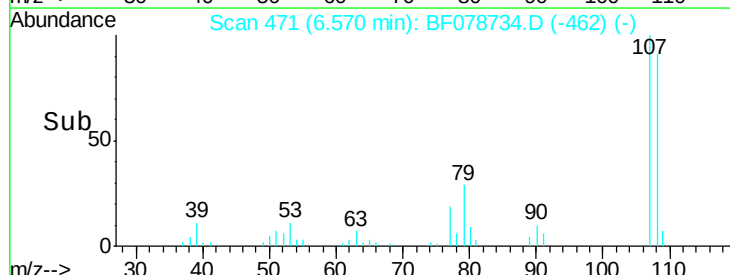
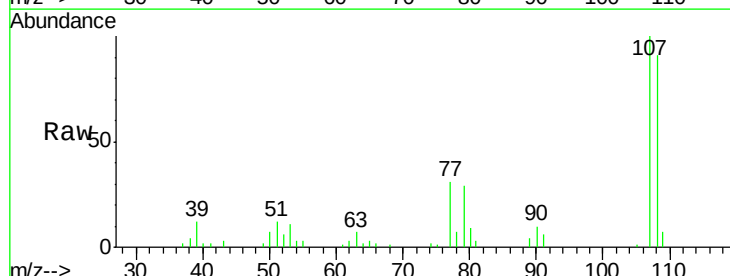
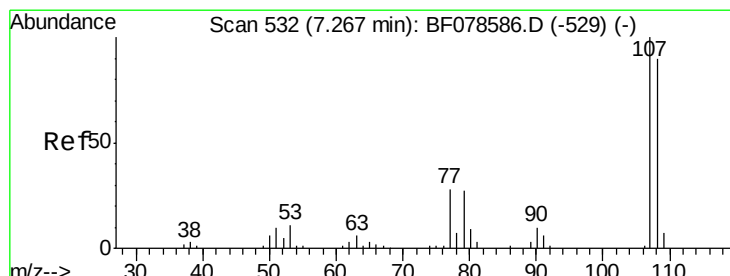
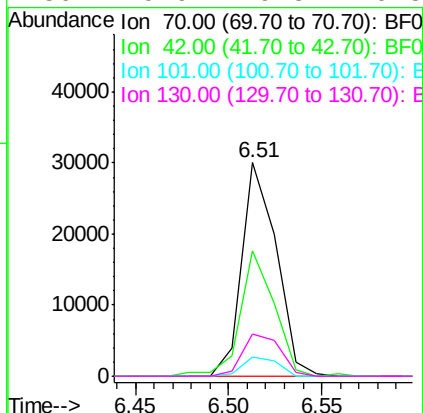
#19
n-Nitroso-di-n-propylamine
Concen: 33.41 ng
RT: 6.51 min Scan# 466
Delta R.T. -0.01 min
Lab File: BF078734.D
Acq: 23 Apr 2015 00:43

Instrument :
BNA_F
ClientSampleId :
PB82927BS

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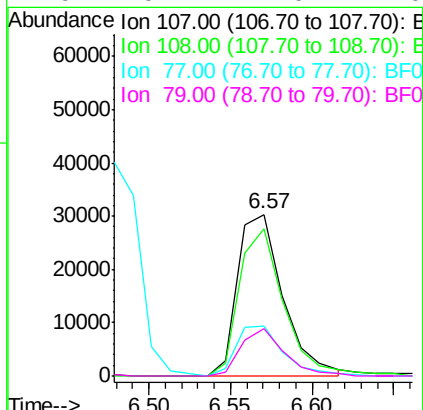
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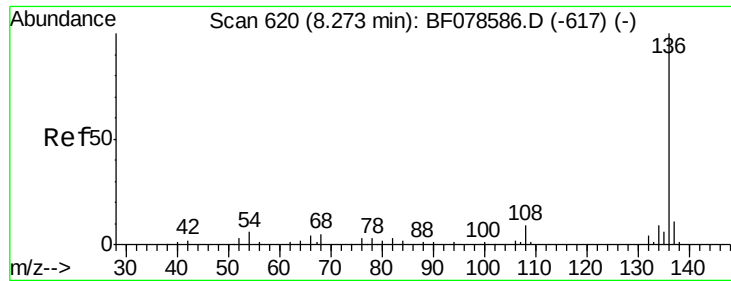
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	58.7	38.9	58.3#	
101	9.3	8.3	12.5	
130	19.9	19.8	29.8	



#20
3+4-Methylphenols
Concen: 34.34 ng
RT: 6.57 min Scan# 471
Delta R.T. -0.00 min
Lab File: BF078734.D
Acq: 23 Apr 2015 00:43

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.9	64.4	104.4	
77	30.5	9.7	49.7	
79	29.2	4.0	44.0	





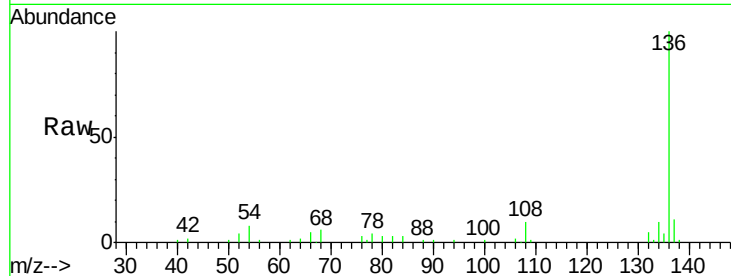
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.94 min Scan# 591
Delta R.T. -0.01 min
Lab File: BF078734.D
Acq: 23 Apr 2015 00:43

Instrument :
BNA_F
ClientSampled :
PB82927BS

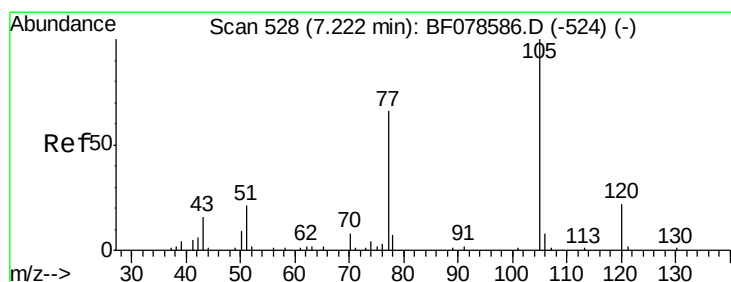
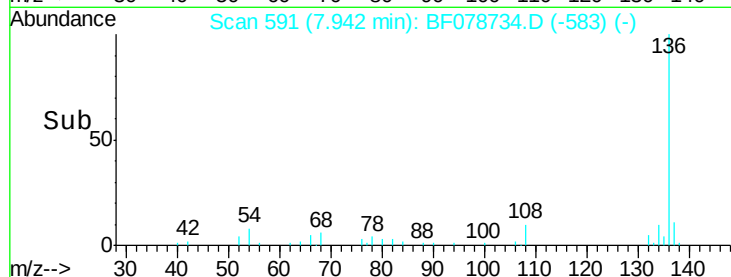
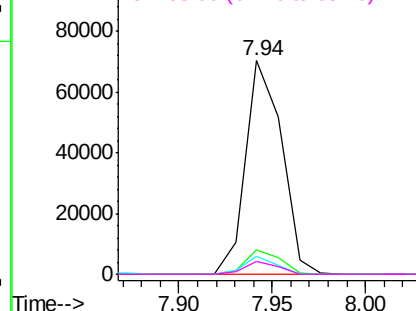
Tot Ion	136	Resp	94244
Ion Ratio	Lower	Upper	
136	100		
137	11.4	9.0	13.4
54	8.3	7.0	10.6
68	6.2	5.4	8.2

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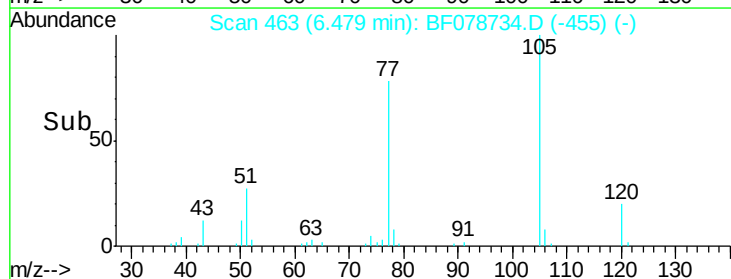
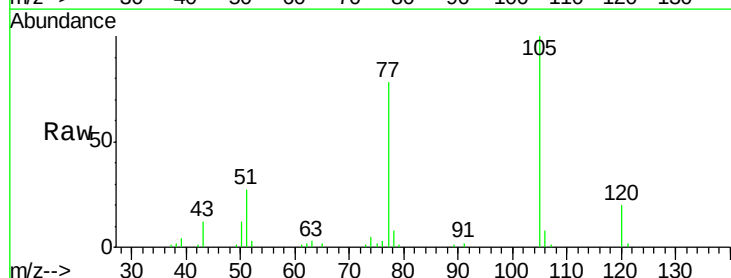
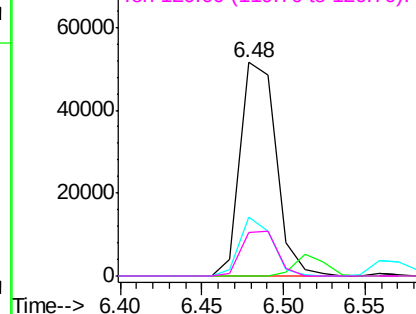
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

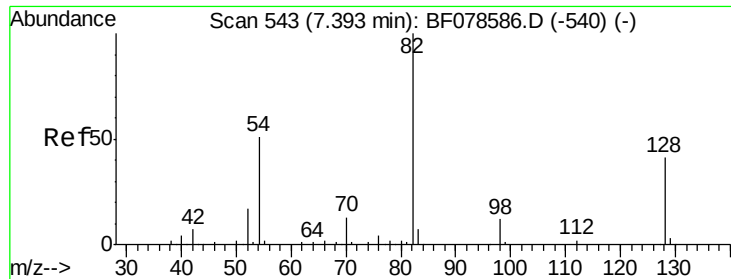


#22
Acetophenone
Concen: 35.60 ng
RT: 6.48 min Scan# 463
Delta R.T. -0.01 min
Lab File: BF078734.D
Acq: 23 Apr 2015 00:43

Tgt Ion	105	Resp	78175
Ion Ratio	Lower	Upper	
105	100		
71	0.0	5.5	8.3#
51	27.3	16.0	24.0#
120	20.2	17.8	26.6

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





#23

Nitrobenzene-d5

Concen: 71.34 ng

RT: 6.73 min Scan# 485

Delta R.T. -0.00 min

Lab File: BF078734.D

Acq: 23 Apr 2015 00:43

Instrument :

BNA_F

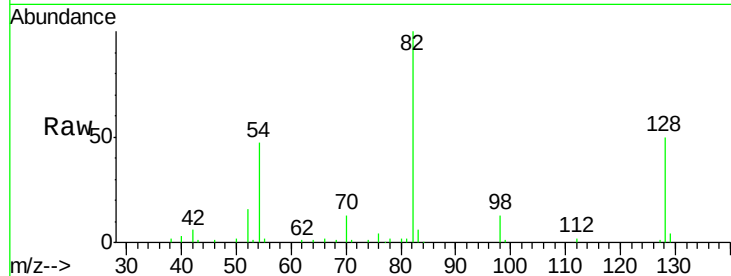
ClientSampleID :

PB82927BS

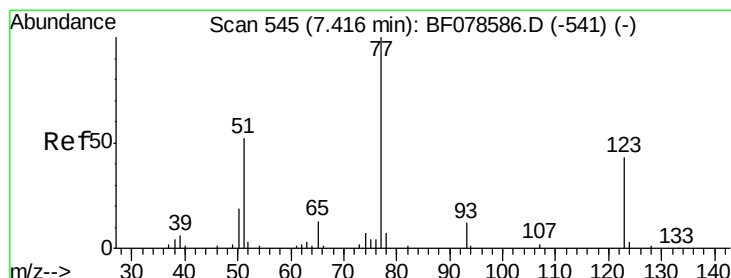
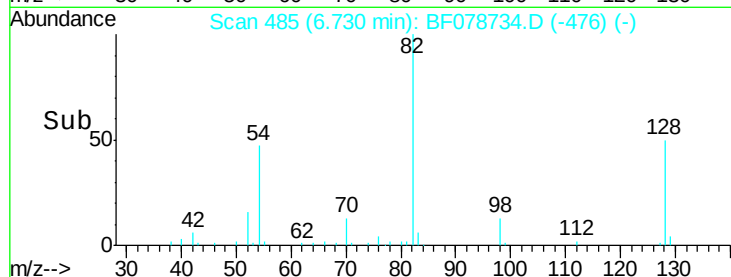
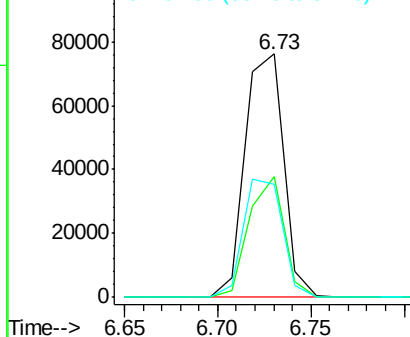
Tot Ion:	82	Resp:	110924
Ion Ratio	Lower	Upper	
82	100		
128	49.8	31.8	47.8#
54	46.5	41.5	62.3

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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: 34.42 ng

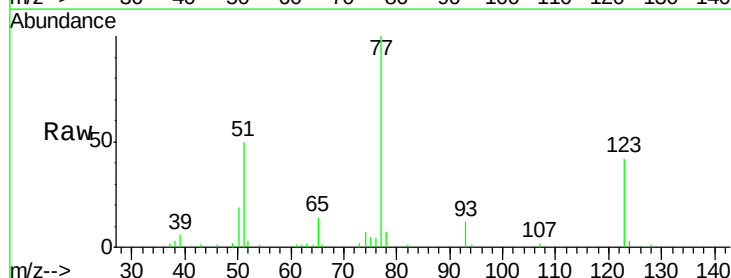
RT: 6.75 min Scan# 487

Delta R.T. -0.01 min

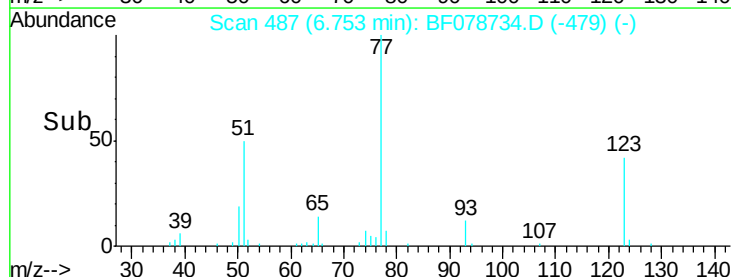
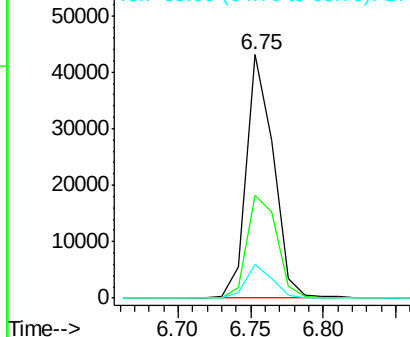
Lab File: BF078734.D

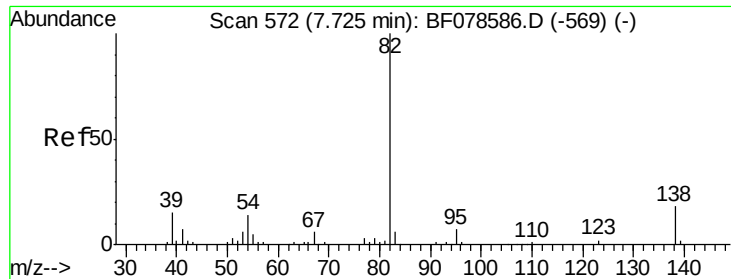
Acq: 23 Apr 2015 00:43

Tgt Ion:	77	Resp:	55951
Ion Ratio	Lower	Upper	
77	100		
123	42.5	46.9	70.3#
65	13.6	9.5	14.3



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: 34.17 ng

RT: 7.19 min Scan# 525

Delta R.T. -0.00 min

Lab File: BF078734.D

Acq: 23 Apr 2015 00:43

Instrument :

BNA_F

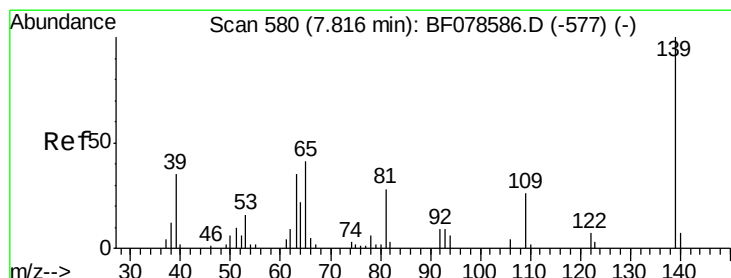
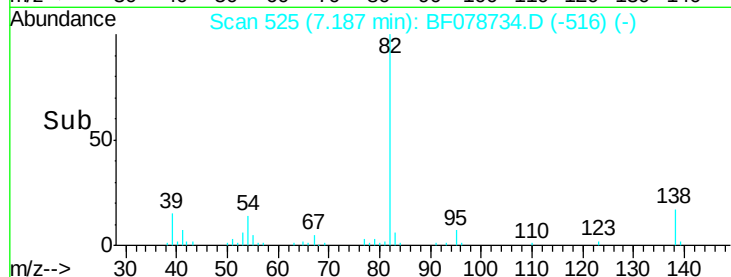
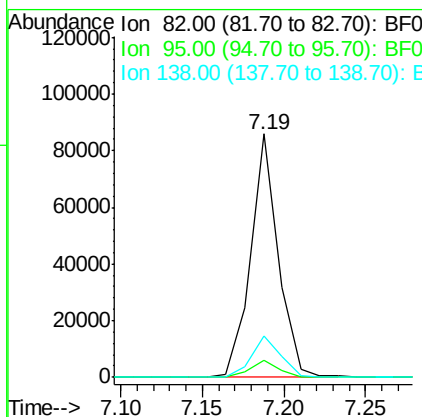
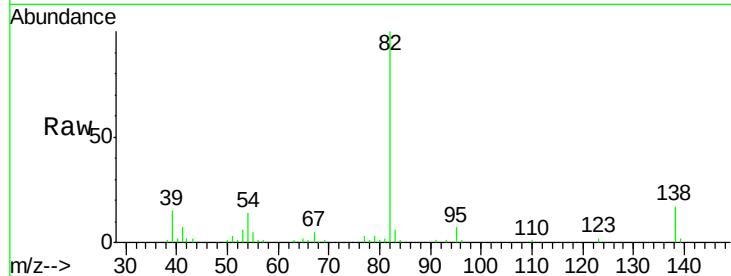
ClientSampleId :

PB82927BS

Tot Ion:	82	Resp:	100831
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.7	8.5
138	16.7	15.8	23.8

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#26

2-Nitrophenol

Concen: 34.95 ng

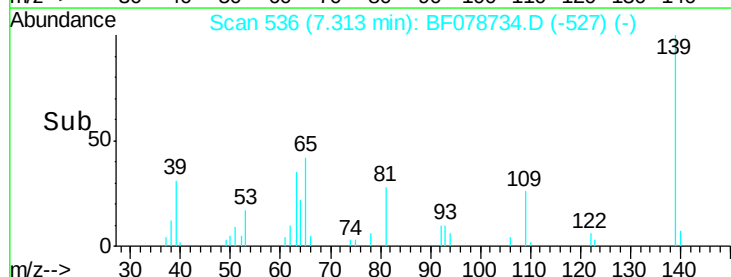
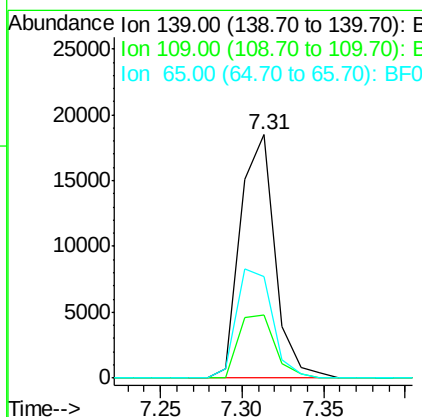
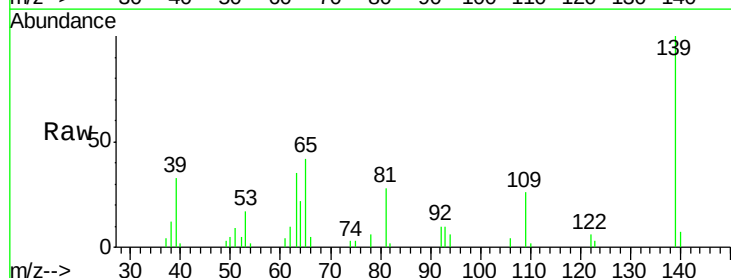
RT: 7.31 min Scan# 536

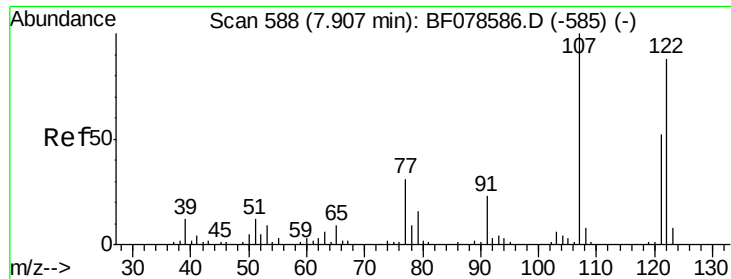
Delta R.T. -0.00 min

Lab File: BF078734.D

Acq: 23 Apr 2015 00:43

Tgt Ion:	139	Resp:	27070
Ion Ratio	Lower	Upper	
139	100		
109	26.2	19.8	29.8
65	41.7	32.7	49.1





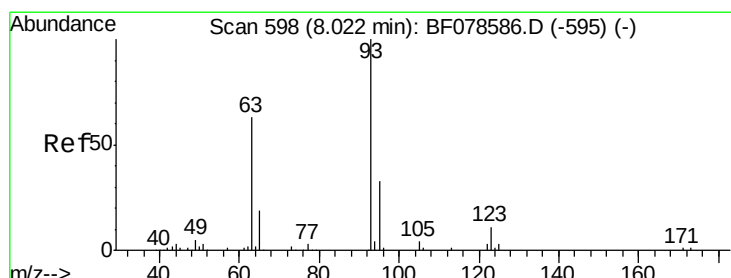
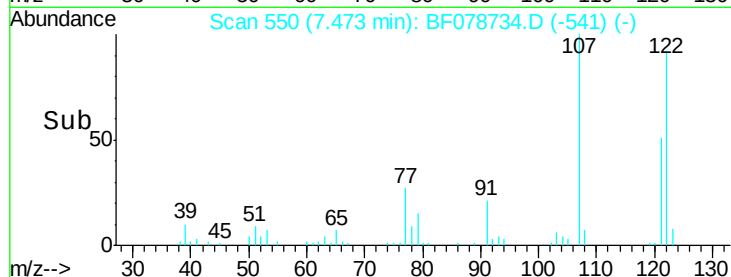
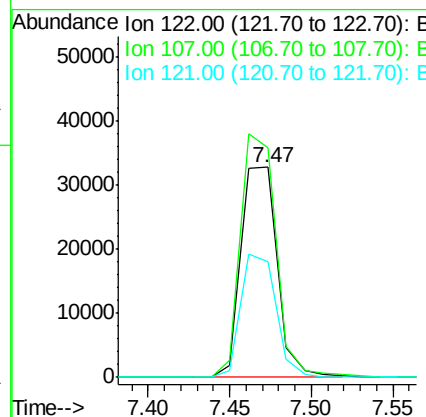
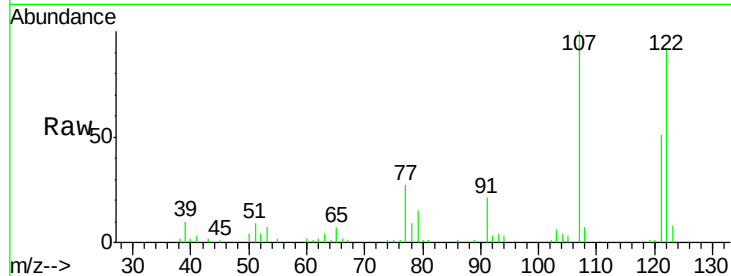
#27
 2,4-Dimethylphenol
 Concen: 35.05 ng
 RT: 7.47 min Scan# 550
 Delta R.T. -0.00 min
 Lab File: BF078734.D
 Acq: 23 Apr 2015 00:43

Instrument :
 BNA_F
 ClientSampled :
 PB82927BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		50487		
107	109.0	84.6	127.0		
121	55.3	46.0	69.0		

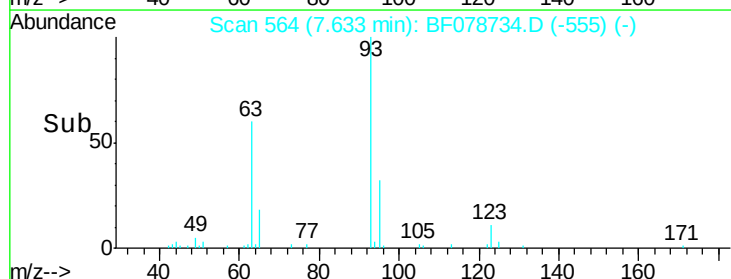
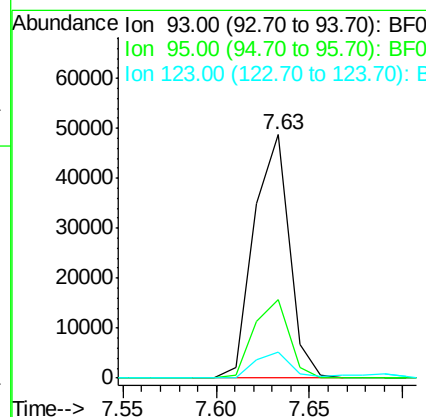
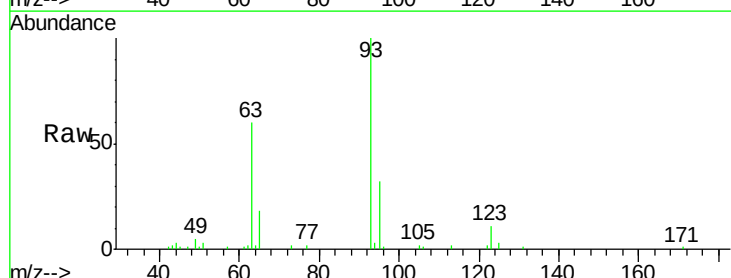
Manual Integrations
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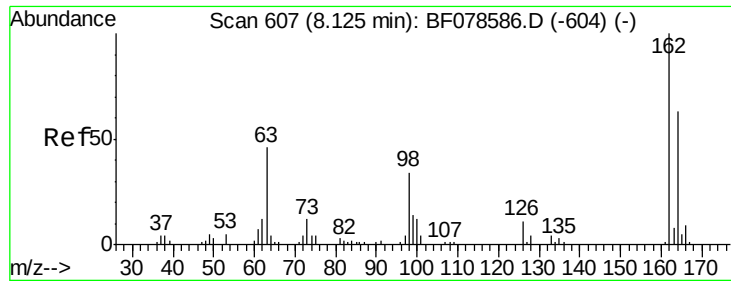
apatel
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#28
 bis(2-Chloroethoxy)methane
 Concen: 33.75 ng
 RT: 7.63 min Scan# 564
 Delta R.T. -0.00 min
 Lab File: BF078734.D
 Acq: 23 Apr 2015 00:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		63864		
95	32.1	26.3	39.5		
123	10.7	9.1	13.7		





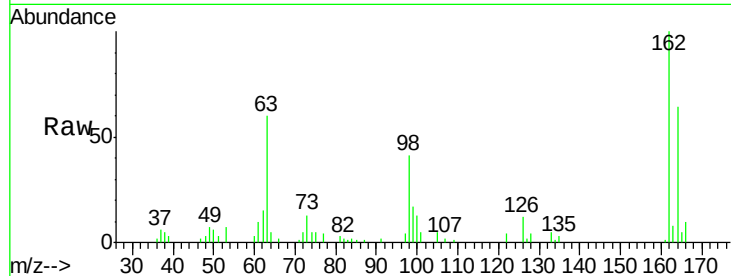
#29
 2,4-Dichlorophenol
 Concen: 36.19 ng
 RT: 7.75 min Scan# 574
 Delta R.T. -0.01 min
 Lab File: BF078734.D
 Acq: 23 Apr 2015 00:43

Instrument :
 BNA_F
 ClientSampleId :
 PB82927BS

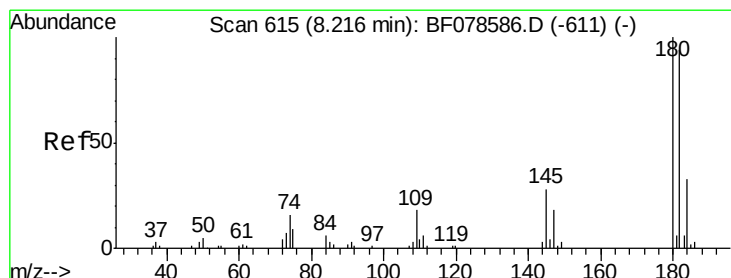
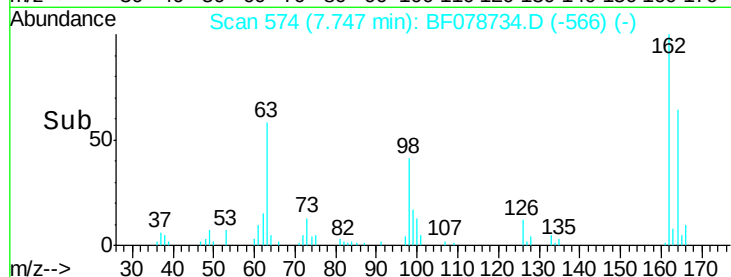
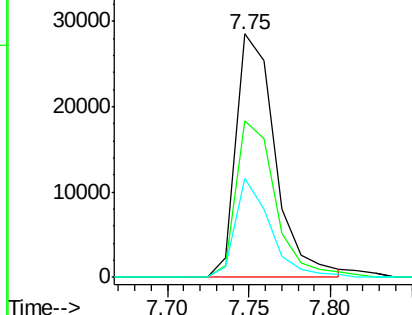
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	47.0	87.0
98	40.5	9.2	49.2

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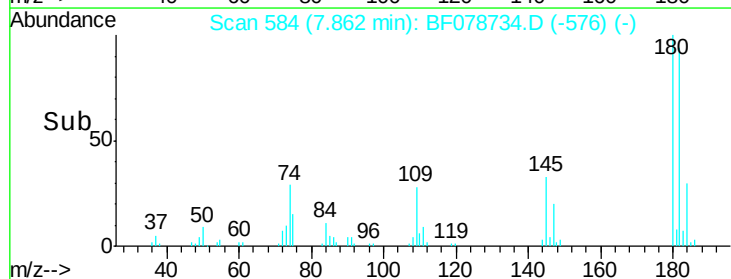
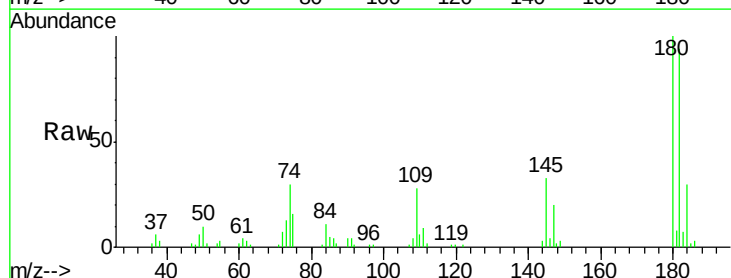
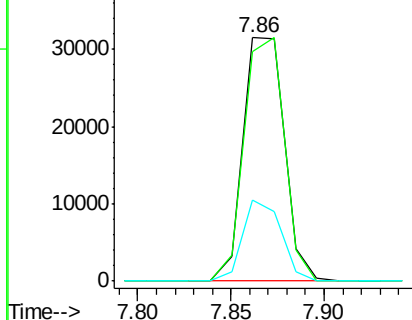
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

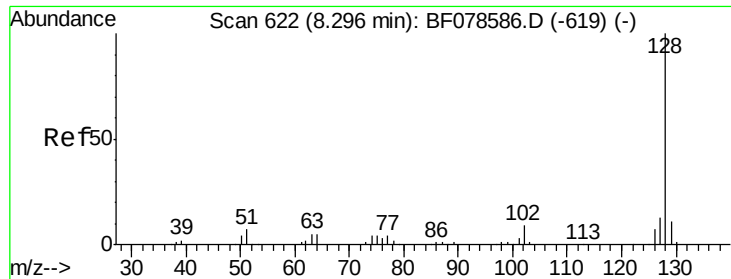


#30
 1,2,4-Trichlorobenzene
 Concen: 32.26 ng
 RT: 7.86 min Scan# 584
 Delta R.T. -0.01 min
 Lab File: BF078734.D
 Acq: 23 Apr 2015 00:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	76.9	115.3
145	33.4	22.5	33.7

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





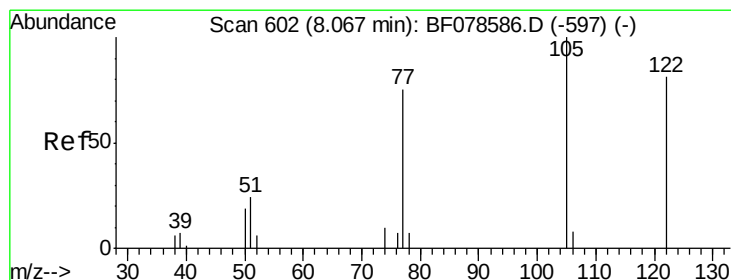
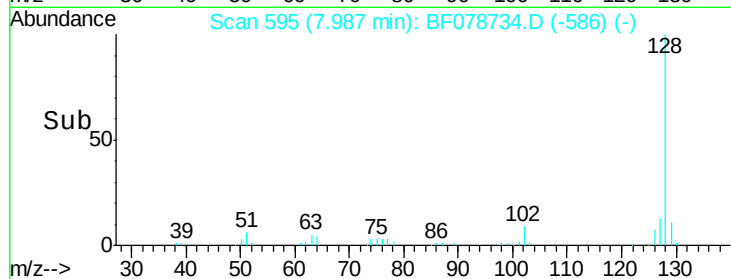
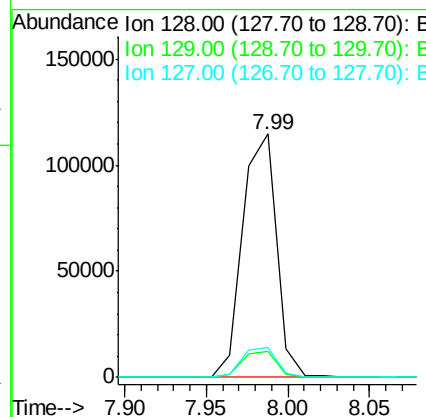
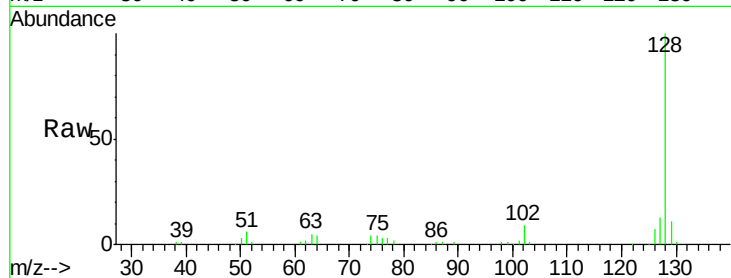
#31
Naphthalene
Concen: 33.50 ng
RT: 7.99 min Scan# 595
Delta R.T. -0.00 min
Lab File: BF078734.D
Acq: 23 Apr 2015 00:43

Instrument :
BNA_F
ClientSampleId :
PB82927BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.6	12.8
127	12.5	10.7	16.1

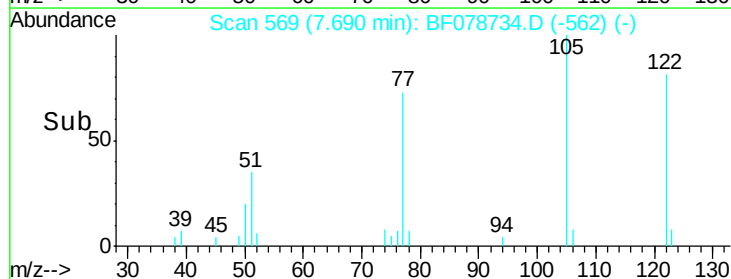
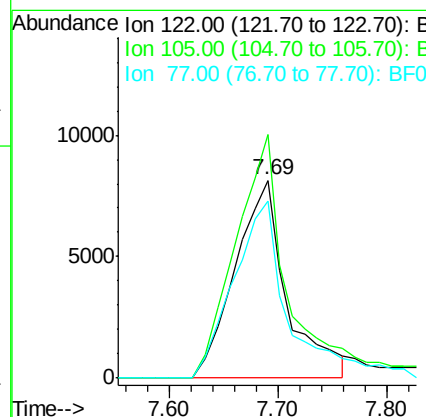
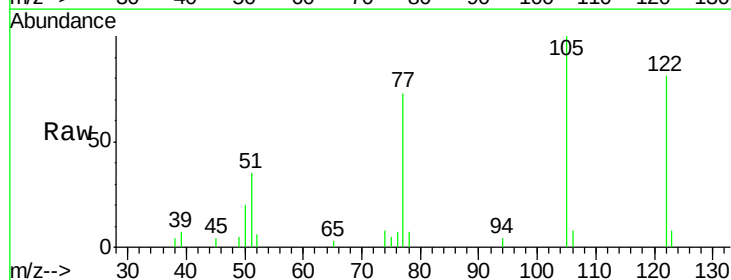
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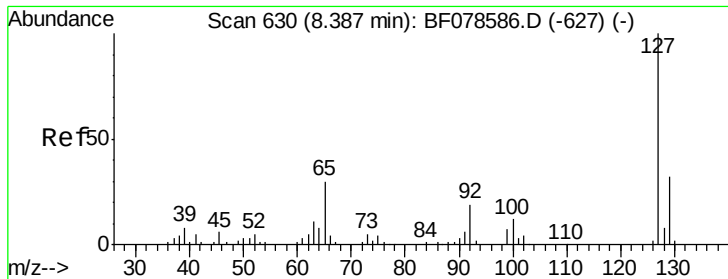
apatel
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#32
Benzoic acid
Concen: 40.72 ng
RT: 7.69 min Scan# 569
Delta R.T. -0.02 min
Lab File: BF078734.D
Acq: 23 Apr 2015 00:43

Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.1	96.1	136.1
77	89.4	64.1	104.1





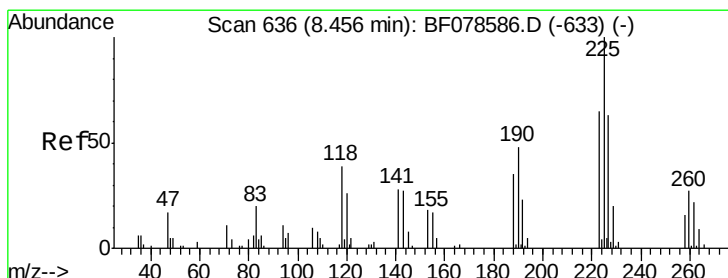
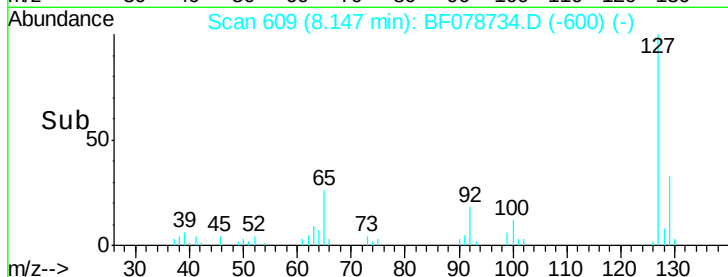
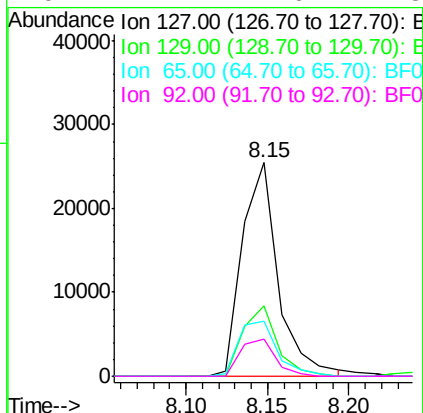
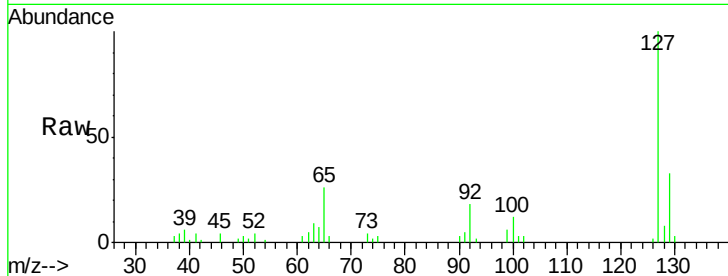
#33
4-Chloroaniline
Concen: 19.06 ng
RT: 8.15 min Scan# 609
Delta R.T. -0.00 min
Lab File: BF078734.D
Acq: 23 Apr 2015 00:43

Instrument :
BNA_F
ClientSampleId :
PB82927BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.9	25.5	38.3		
65	25.8	21.7	32.5		
92	17.7	14.6	21.8		

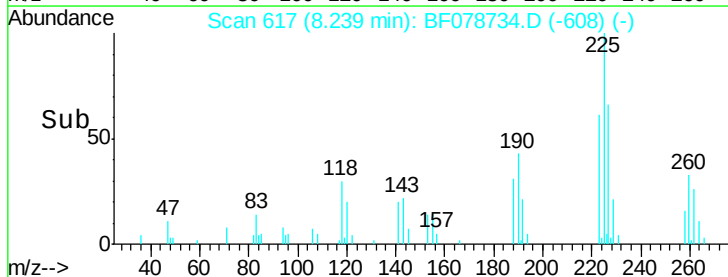
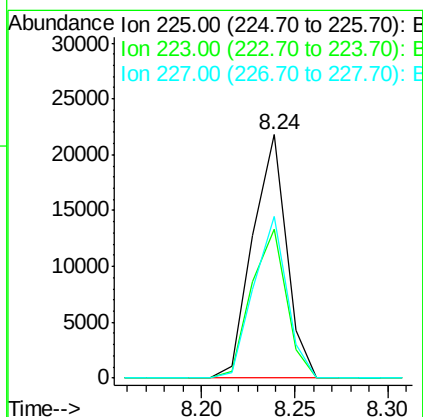
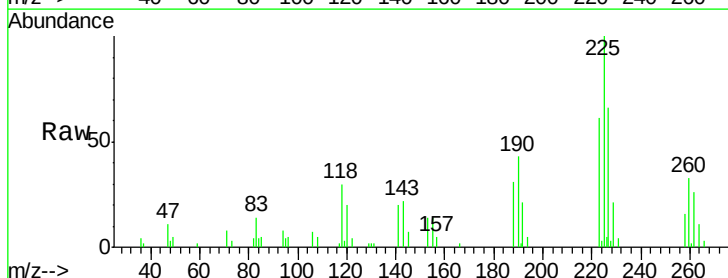
Manual Integrations
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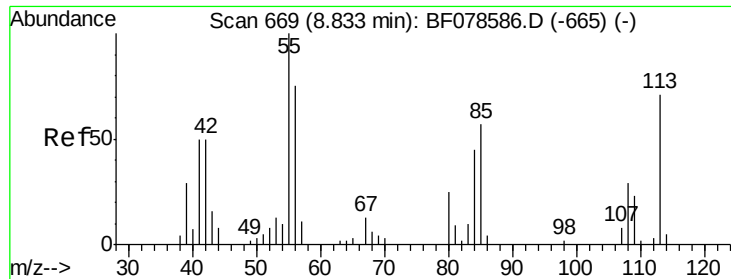
apatel
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#34
Hexachlorobutadiene
Concen: 33.18 ng
RT: 8.24 min Scan# 617
Delta R.T. -0.00 min
Lab File: BF078734.D
Acq: 23 Apr 2015 00:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.1	47.5	71.3		
227	66.3	50.2	75.2		





#35

Caprolactam

Concen: 38.28 ng

RT: 8.76 min Scan# 663

Delta R.T. -0.01 min

Lab File: BF078734.D

Acq: 23 Apr 2015 00:43

Instrument :

BNA_F

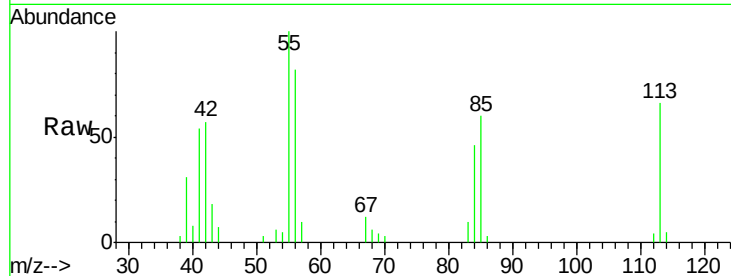
ClientSampleId :

PB82927BS

Tot Ion:	113	Resp:	14973
Ion Ratio	Lower	Upper	
113	100		
55	151.4	151.9	191.9#
56	123.7	106.1	146.1

Manual Integrations
APPROVED

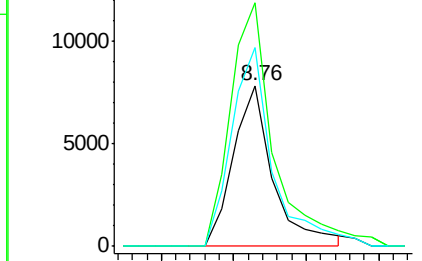
apatel
4/23/2015 2:15:18 PM



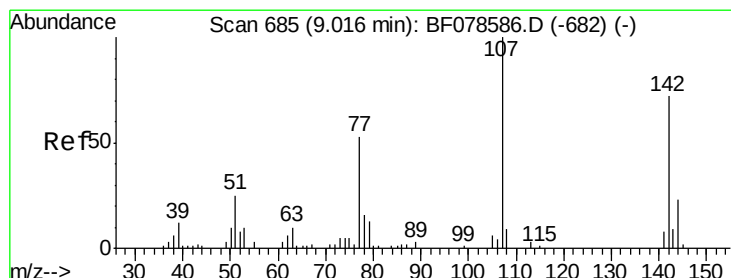
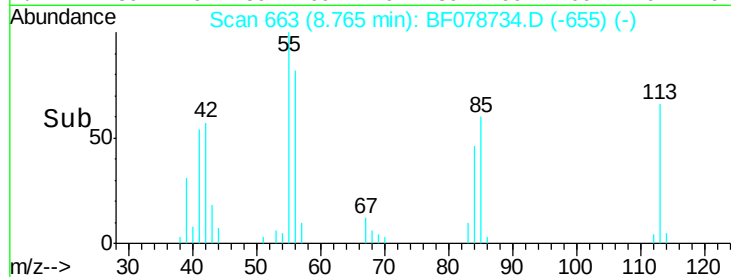
Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



Time-->



#36

4-Chloro-3-methylphenol

Concen: 37.55 ng

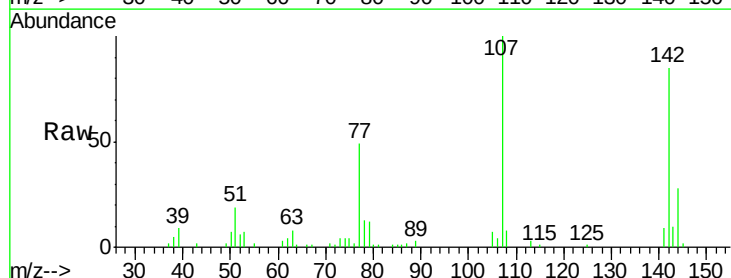
RT: 9.11 min Scan# 693

Delta R.T. -0.00 min

Lab File: BF078734.D

Acq: 23 Apr 2015 00:43

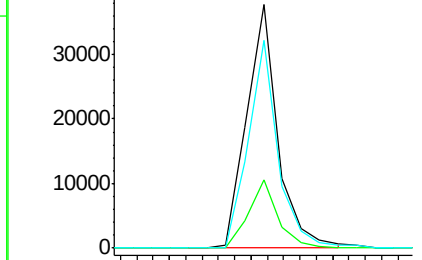
Tgt Ion:	107	Resp:	49644
Ion Ratio	Lower	Upper	
107	100		
144	28.1	18.2	27.2#
142	85.1	58.0	87.0



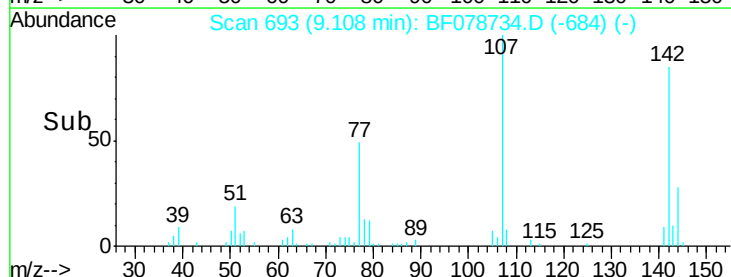
Abundance Ion 107.00 (106.70 to 107.70): E

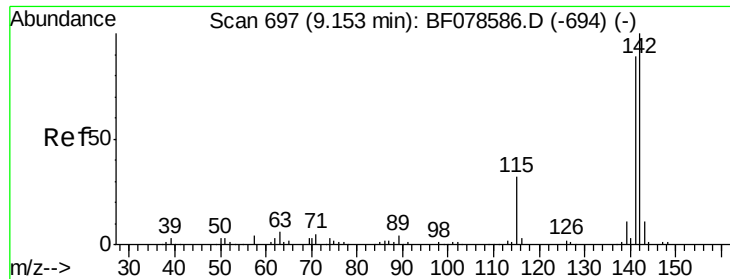
Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



Time-->





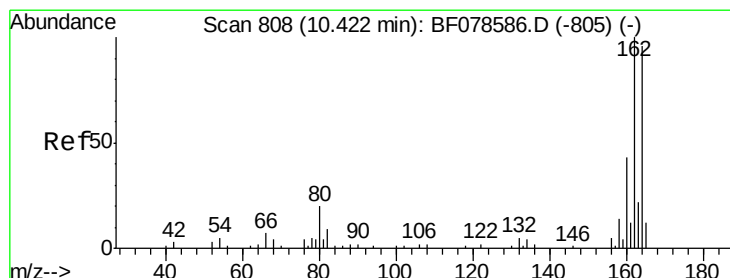
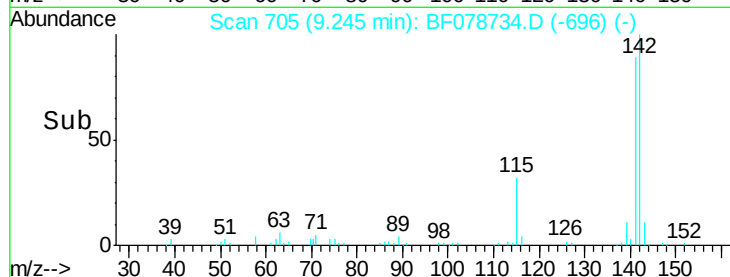
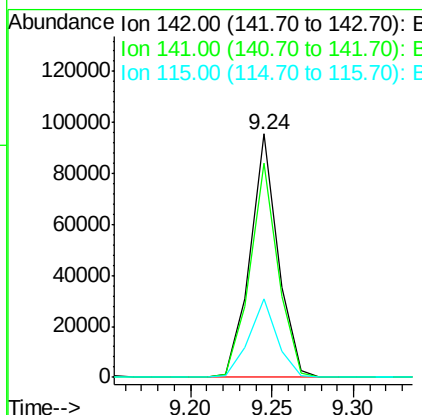
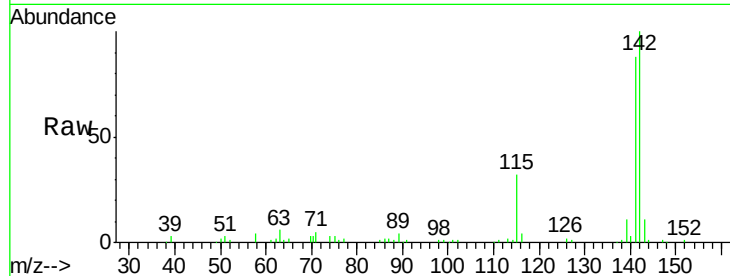
#37
2-Methylnaphthalene
Concen: 34.25 ng
RT: 9.24 min Scan# 705
Delta R.T. -0.00 min
Lab File: BF078734.D
Acq: 23 Apr 2015 00:43

Instrument :
BNA_F
ClientSampleId :
PB82927BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.7	70.3	105.5
115	32.0	24.6	37.0

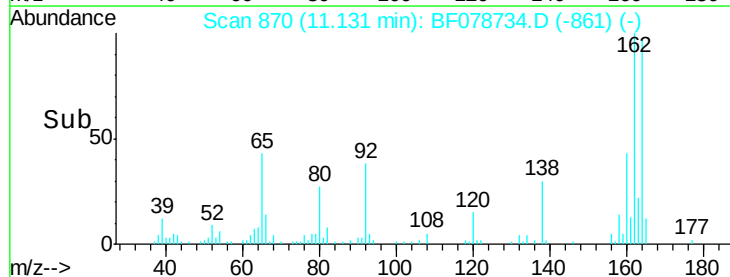
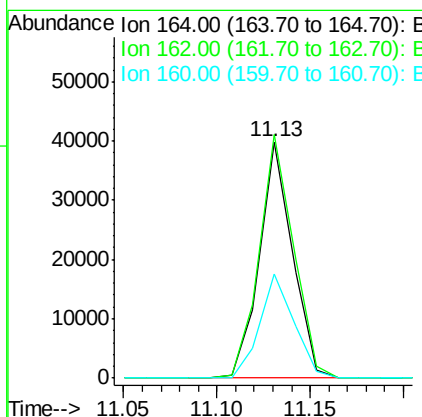
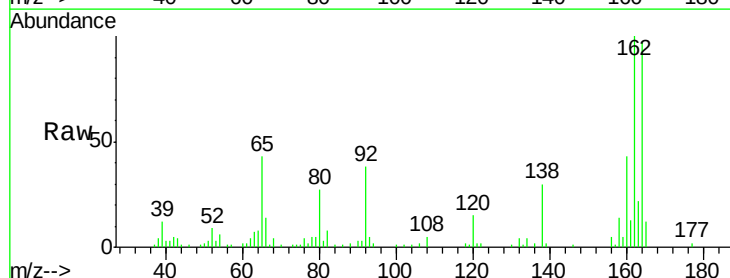
Manual Integrations
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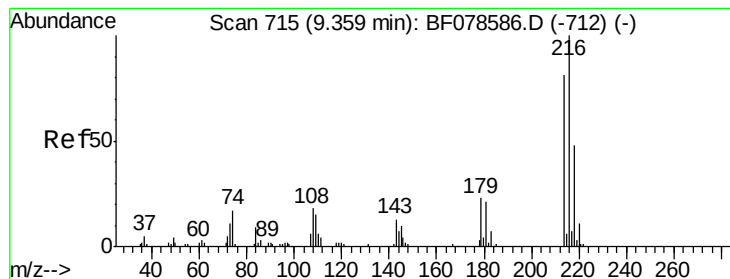
apatel
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 870
Delta R.T. -0.00 min
Lab File: BF078734.D
Acq: 23 Apr 2015 00:43

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.1	82.2	123.2
160	44.3	34.7	52.1





#39

1,2,4,5-Tetrachlorobenzene

Concen: 32.54 ng

RT: 9.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF078734.D

Acq: 23 Apr 2015 00:43

Instrument :

BNA_F

ClientSampleId :

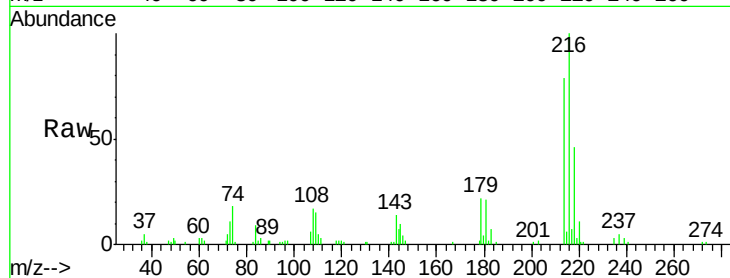
PB82927BS

Manual Integrations
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Tot Ion:	216	Resp:	49127
Ion Ratio	Lower	Upper	
216	100		
214	80.1	62.0	93.0
179	21.4	17.3	25.9
108	19.5	14.6	21.8

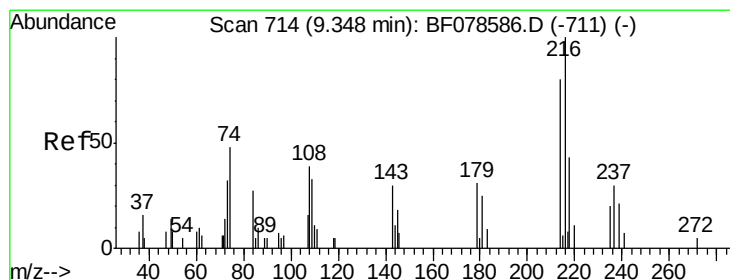
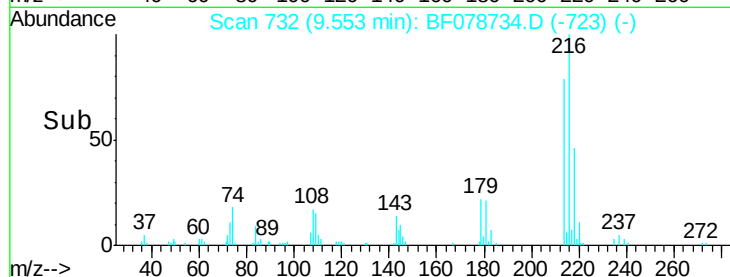
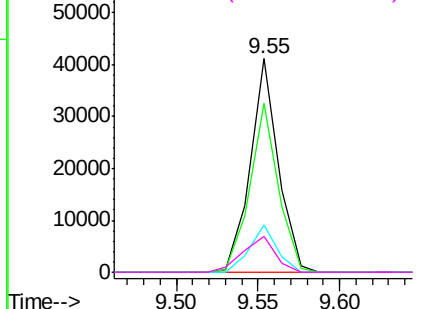


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 55.07 ng

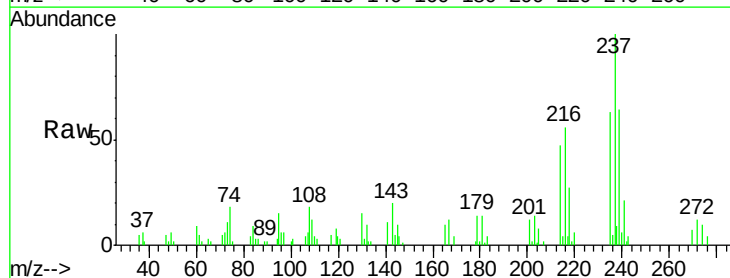
RT: 9.54 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF078734.D

Acq: 23 Apr 2015 00:43

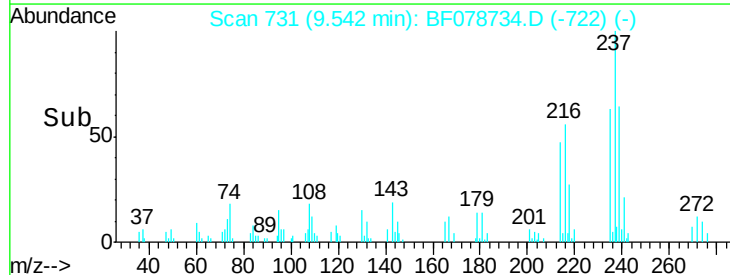
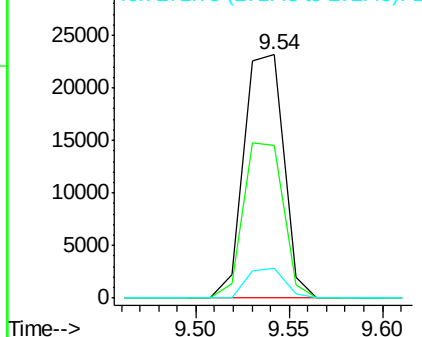
Tgt Ion:	237	Resp:	34277
Ion Ratio	Lower	Upper	
237	100		
235	62.7	44.1	84.1
272	12.5	0.0	34.4

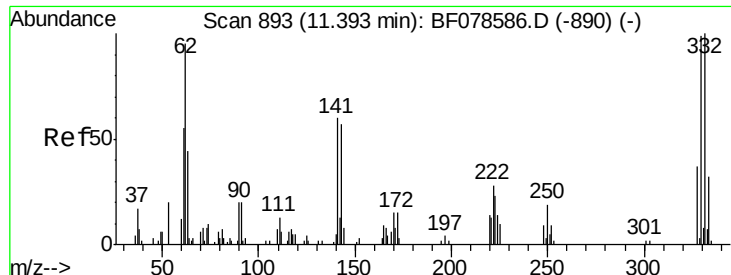


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





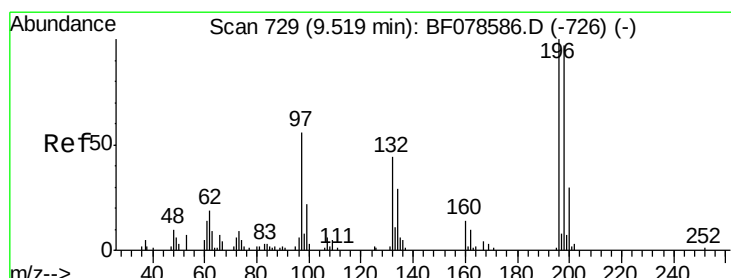
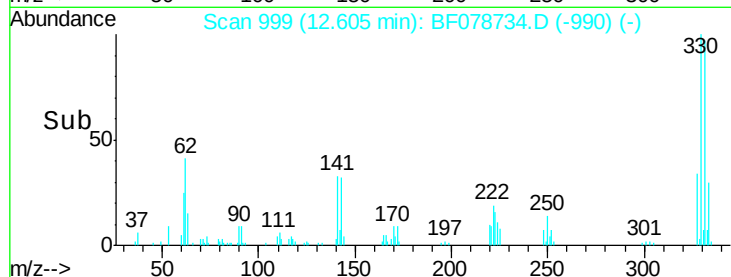
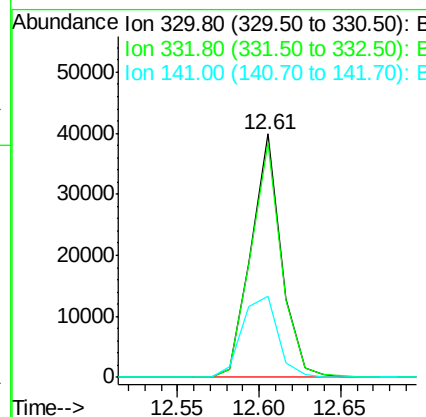
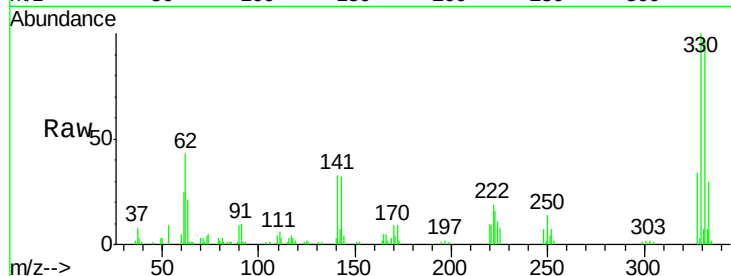
#41
 2,4,6-Tribromophenol
 Concen: 127.39 ng
 RT: 12.61 min Scan# 999
 Delta R.T. -0.00 min
 Lab File: BF078734.D
 Acq: 23 Apr 2015 00:43

Instrument :
 BNA_F
 ClientSampled :
 PB82927BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	78.6	117.8
141	39.1	31.2	46.8

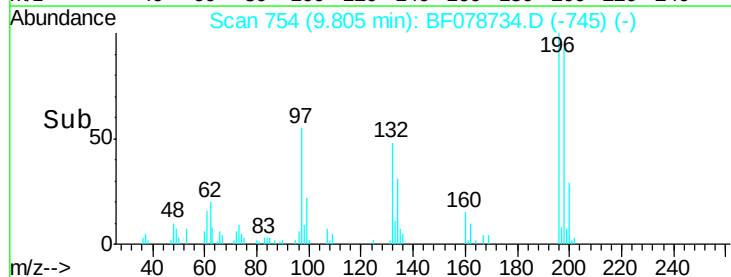
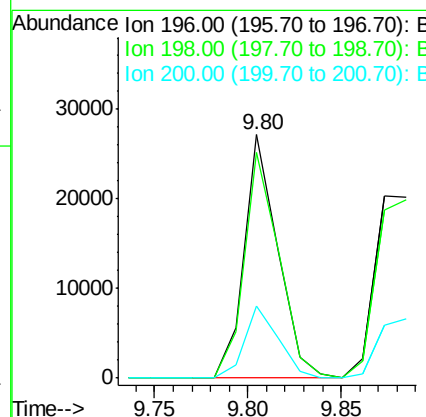
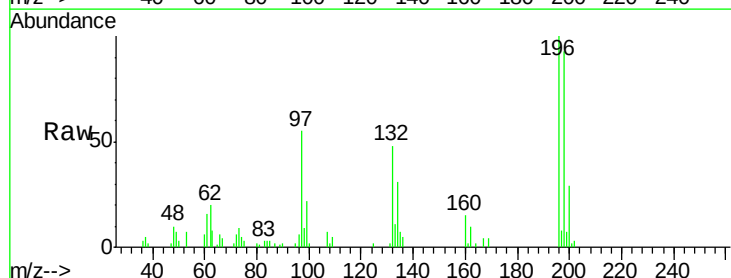
Manual Integrations
 APPROVED

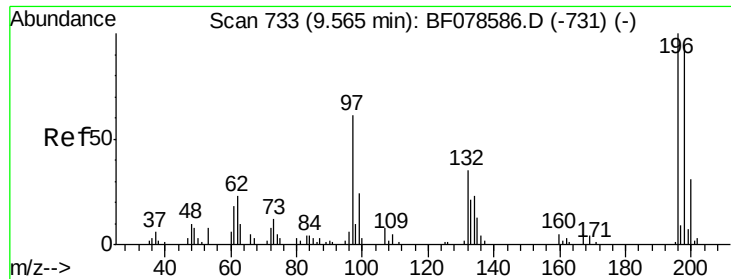
apatel
 4/23/2015 2:15:18 PM



#42
 2,4,6-Trichlorophenol
 Concen: 35.83 ng
 RT: 9.80 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: BF078734.D
 Acq: 23 Apr 2015 00:43

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.9	75.4	113.2
200	29.5	24.0	36.0





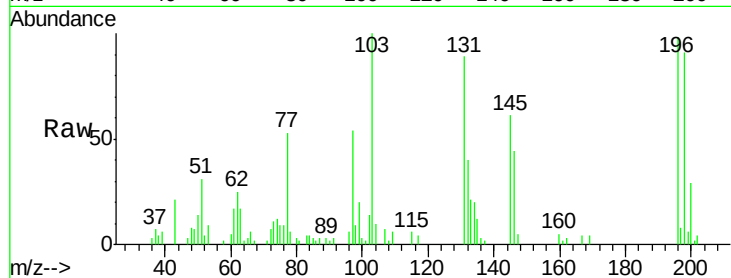
#43
 2,4,5-Trichlorophenol
 Concen: 36.52 ng
 RT: 9.87 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF078734.D
 Acq: 23 Apr 2015 00:43

Instrument :
 BNA_F
 ClientSampleId :
 PB82927BS

Tot Ion:	196	Resp:	36320
Ion Ratio	Lower	Upper	
196	100		
198	92.7	76.6	115.0
97	54.8	50.6	75.8
132	40.9	27.7	41.5

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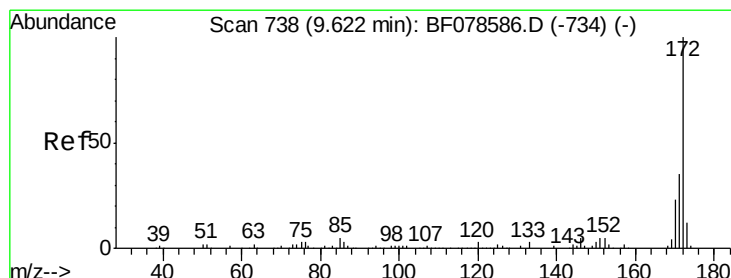
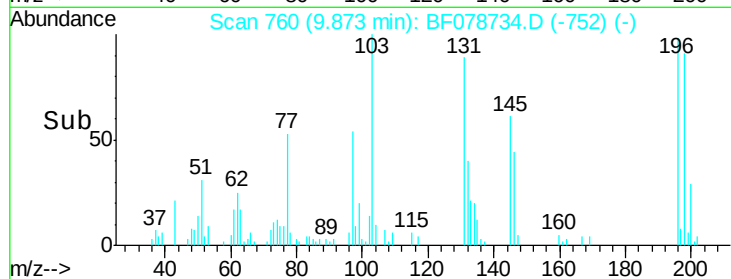
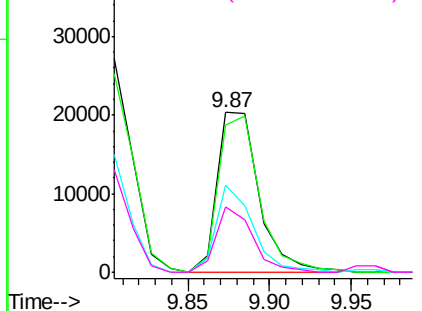
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 73.52 ng
 RT: 9.96 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: BF078734.D
 Acq: 23 Apr 2015 00:43

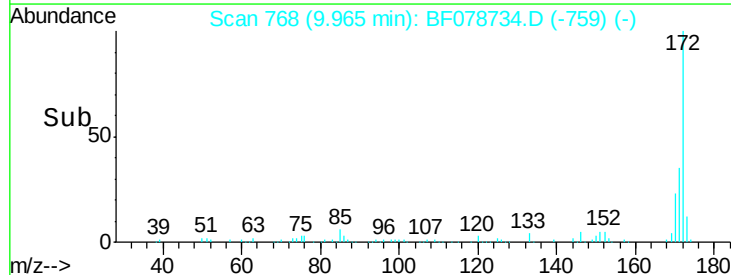
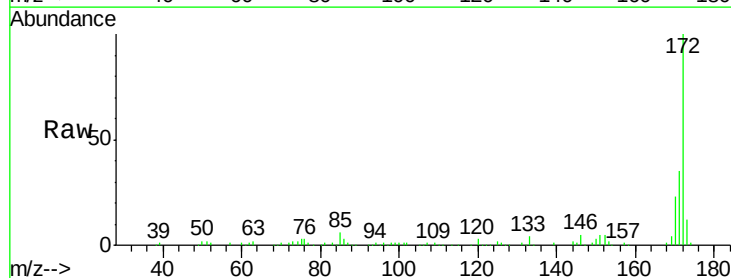
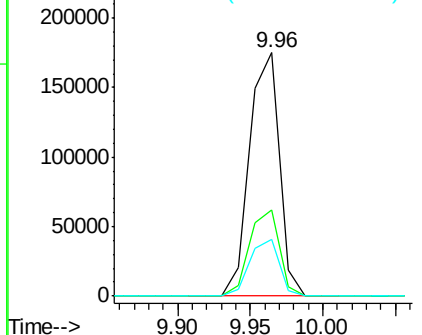
Tgt Ion:	172	Resp:	250558
Ion Ratio	Lower	Upper	
172	100		
171	35.4	28.6	42.8
170	23.3	18.5	27.7

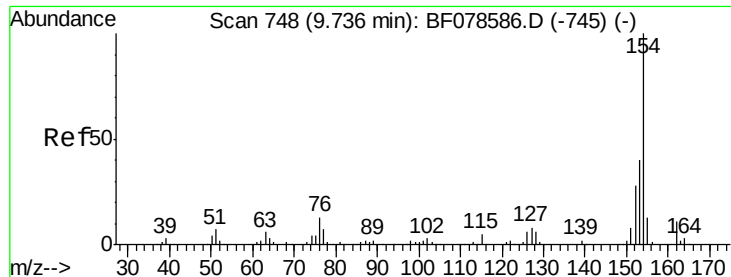
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





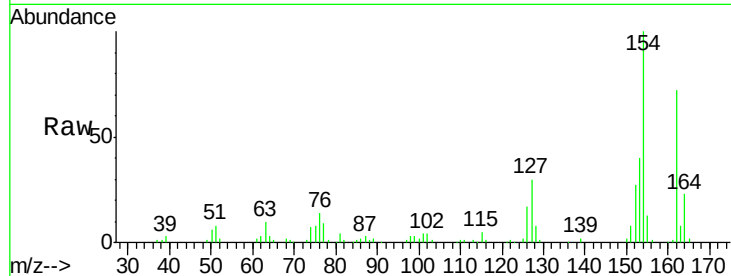
#45
1,1'-Biphenyl
Concen: 34.57 ng
RT: 10.12 min Scan# 782
Delta R.T. -0.00 min
Lab File: BF078734.D
Acq: 23 Apr 2015 00:43

Instrument :
BNA_F
ClientSampleId :
PB82927BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	39.7	20.0	60.0
76	13.5	0.0	30.6

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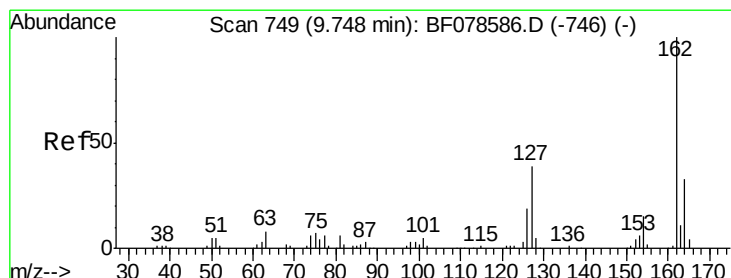
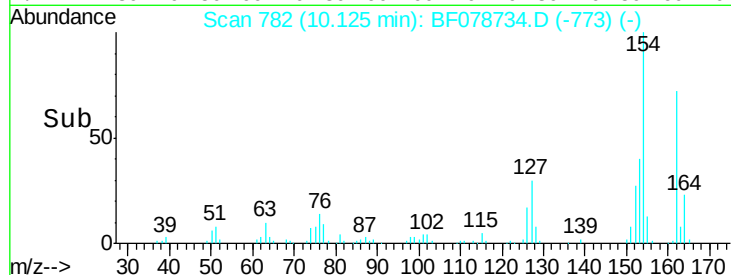
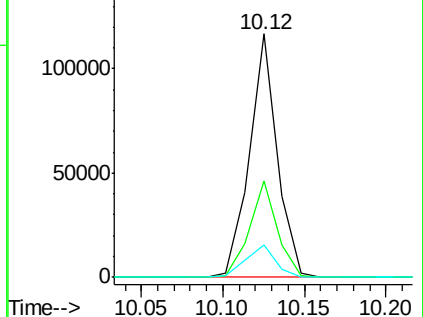


Abundance

Ion 154.00 (153.70 to 154.70): E

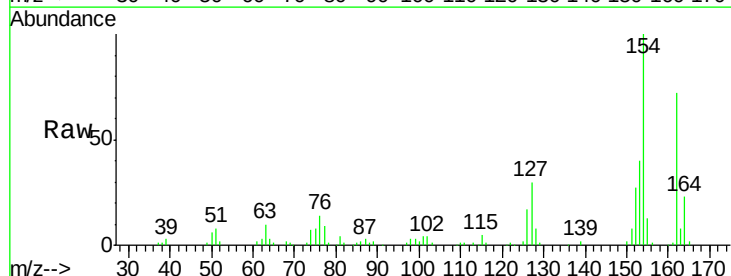
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46
2-Chloronaphthalene
Concen: 33.94 ng
RT: 10.12 min Scan# 782
Delta R.T. -0.00 min
Lab File: BF078734.D
Acq: 23 Apr 2015 00:43

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.6	32.6	49.0
164	32.0	26.0	39.0

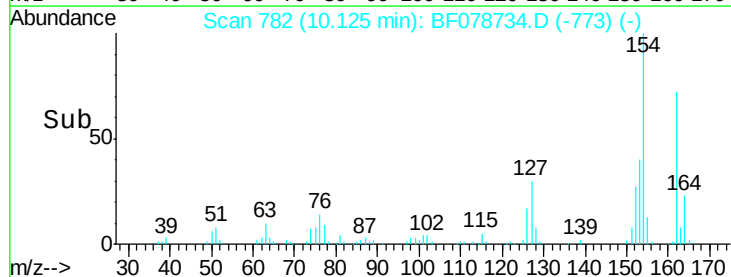
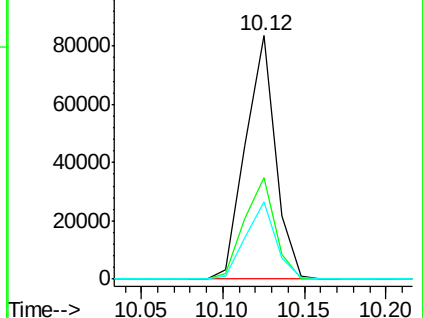


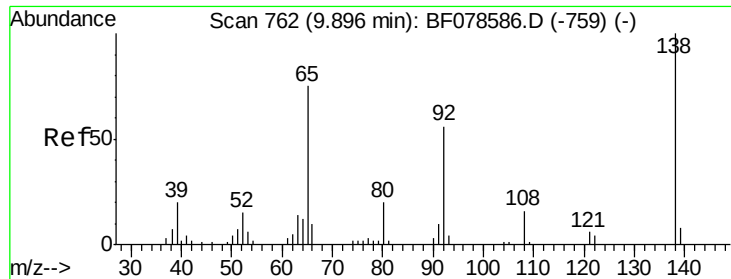
Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





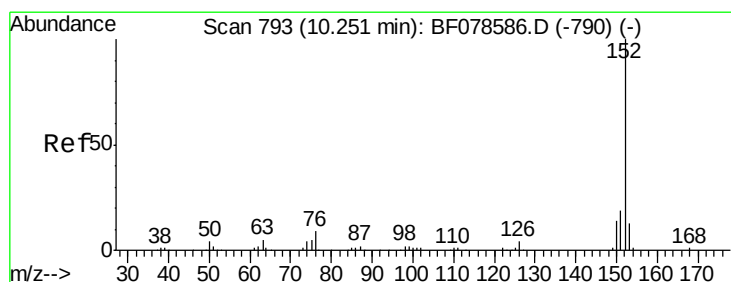
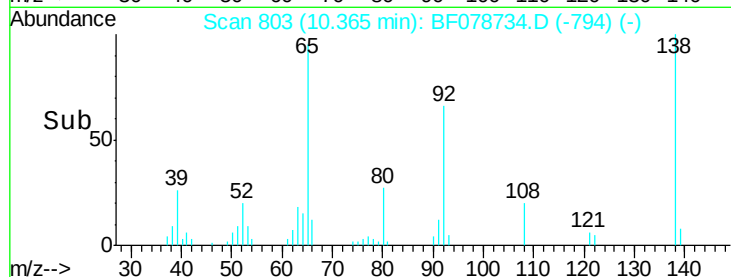
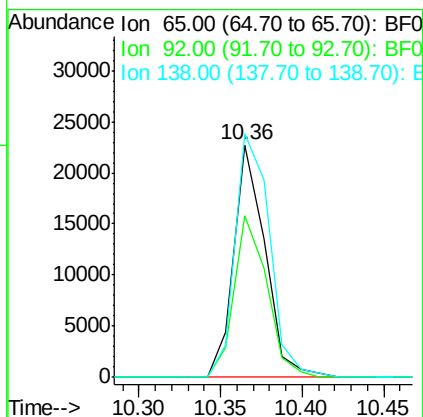
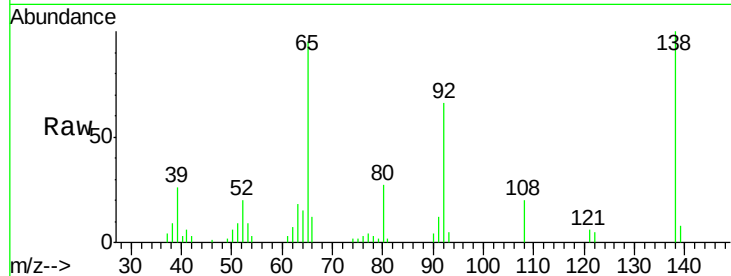
#47
2-Nitroaniline
Concen: 38.96 ng
RT: 10.36 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF078734.D
Acq: 23 Apr 2015 00:43

Instrument :
BNA_F
ClientSampleId :
PB82927BS

Tot Ion: 65 Resp: 30224
Ion Ratio Lower Upper
65 100
92 69.5 51.3 76.9
138 104.7 70.4 105.6

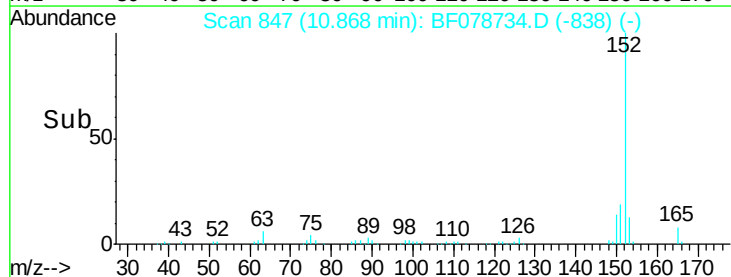
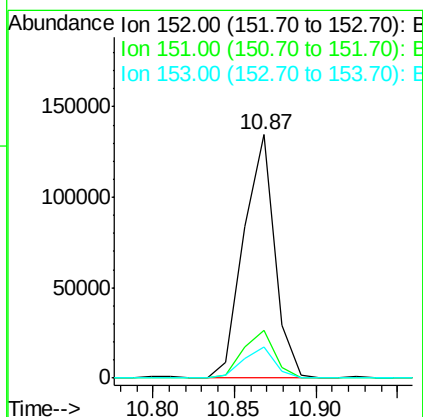
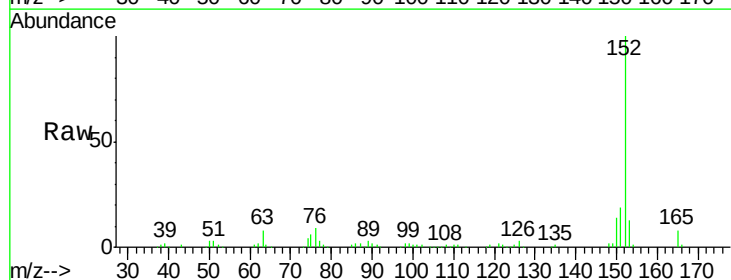
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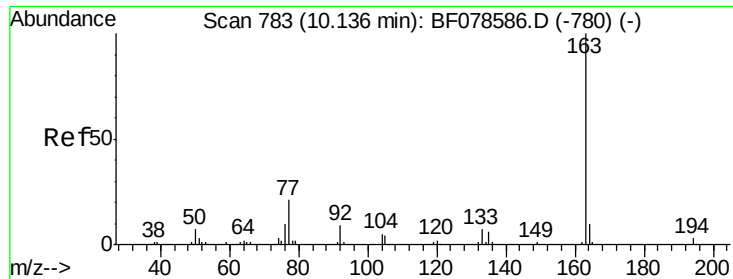
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#48
Acenaphthylene
Concen: 35.01 ng
RT: 10.87 min Scan# 847
Delta R.T. -0.00 min
Lab File: BF078734.D
Acq: 23 Apr 2015 00:43

Tgt Ion: 152 Resp: 177268
Ion Ratio Lower Upper
152 100
151 19.4 15.7 23.5
153 12.6 10.2 15.2





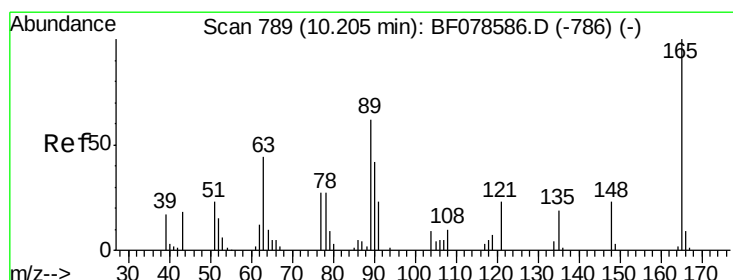
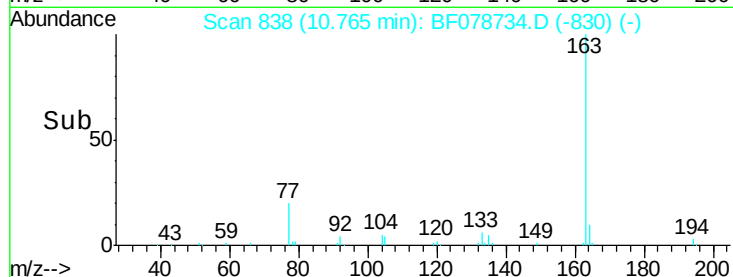
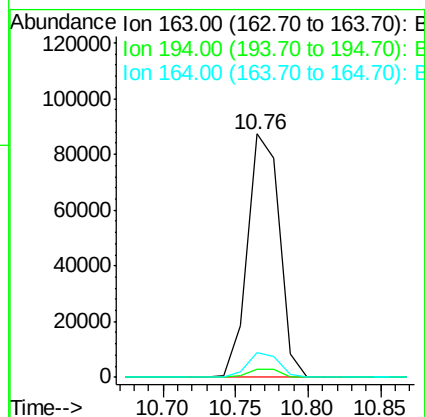
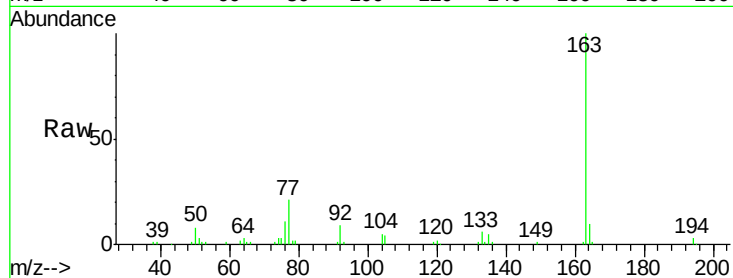
#49
Dimethylphthalate
Concen: 36.30 ng
RT: 10.76 min Scan# 838
Delta R.T. -0.01 min
Lab File: BF078734.D
Acq: 23 Apr 2015 00:43

Instrument :
BNA_F
ClientSampleId :
PB82927BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	132863		
194	3.1	2.3	3.5	
164	10.2	8.6	13.0	

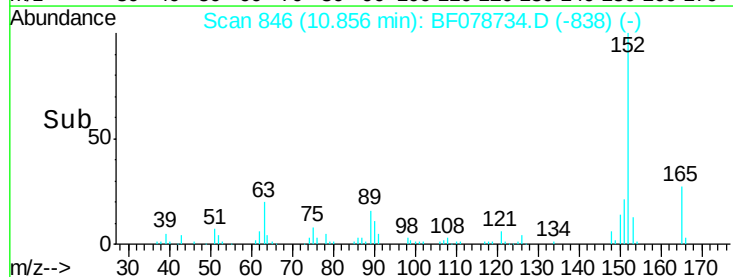
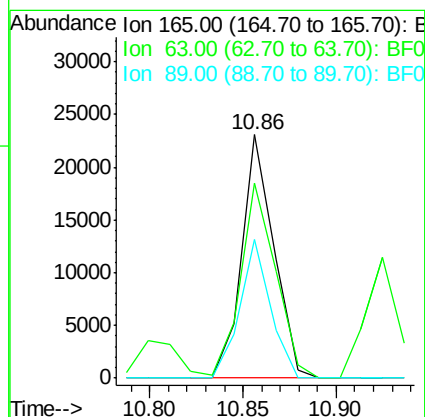
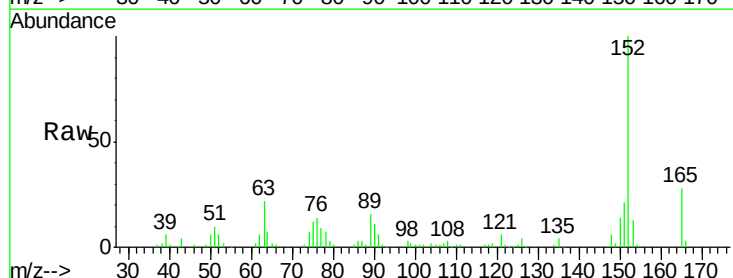
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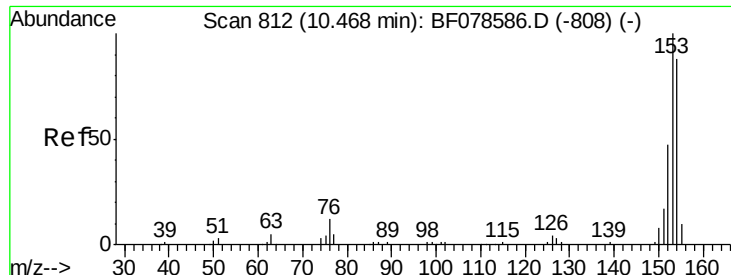
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#50
2,6-Dinitrotoluene
Concen: 36.65 ng
RT: 10.86 min Scan# 846
Delta R.T. -0.01 min
Lab File: BF078734.D
Acq: 23 Apr 2015 00:43

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	27599		
63	79.9	24.1	36.1#	
89	57.0	28.9	43.3#	





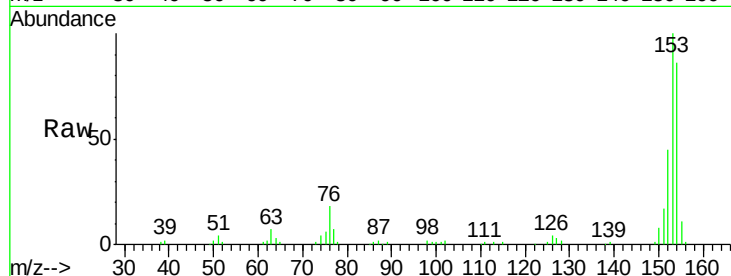
#51
Acenaphthene
Concen: 35.68 ng
RT: 11.19 min Scan# 875
Delta R.T. -0.01 min
Lab File: BF078734.D
Acq: 23 Apr 2015 00:43

Instrument :
BNA_F
ClientSampleId :
PB82927BS

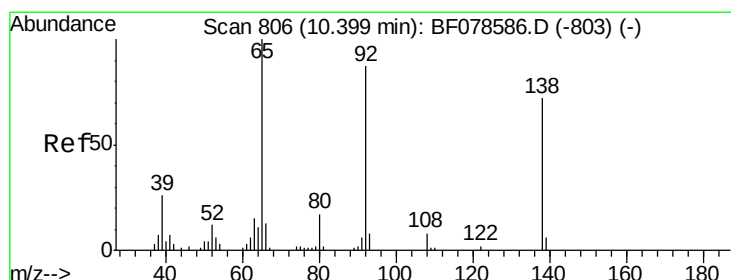
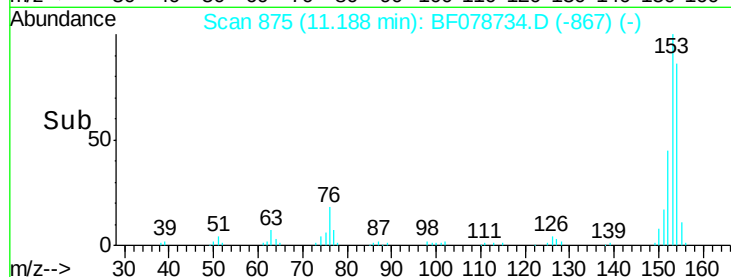
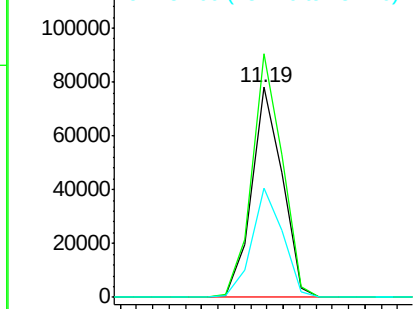
Tot Ion	Ratio	Lower	Upper
154	100		
153	115.9	91.4	137.2
152	52.2	43.0	64.6

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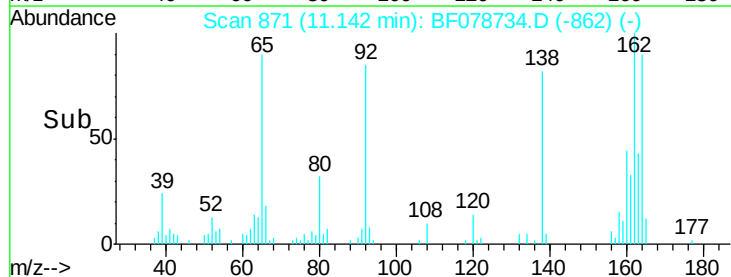
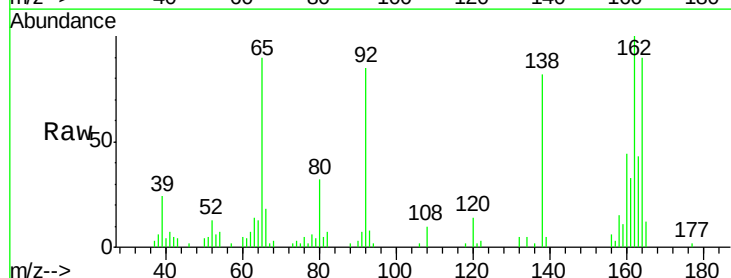
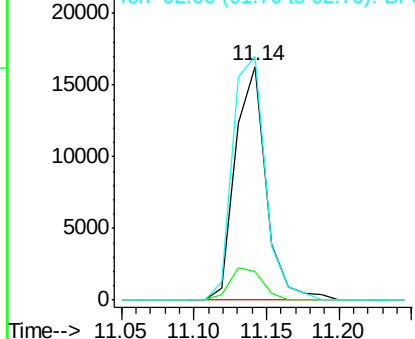
Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

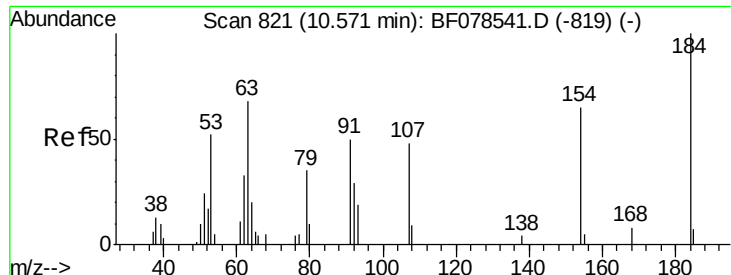


#52
3-Nitroaniline
Concen: 28.05 ng
RT: 11.14 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF078734.D
Acq: 23 Apr 2015 00:43

Tgt Ion	Ratio	Lower	Upper
138	100		
108	12.1	8.2	12.4
92	104.3	88.4	132.6

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





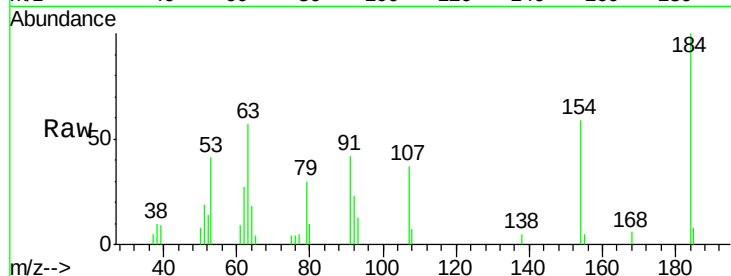
#53
 2,4-Dinitrophenol
 Concen: 65.73 ng
 RT: 11.37 min Scan# 891
 Delta R.T. -0.00 min
 Lab File: BF078734.D
 Acq: 23 Apr 2015 00:43

Instrument :
 BNA_F
 ClientSampleId :
 PB82927BS

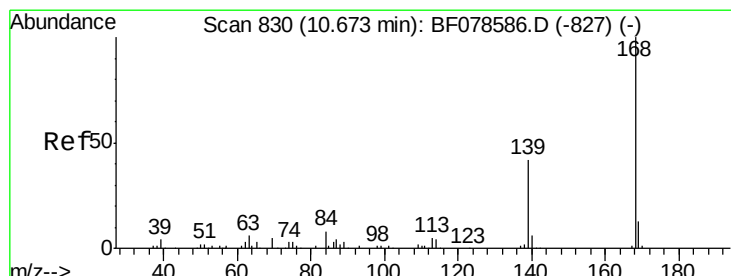
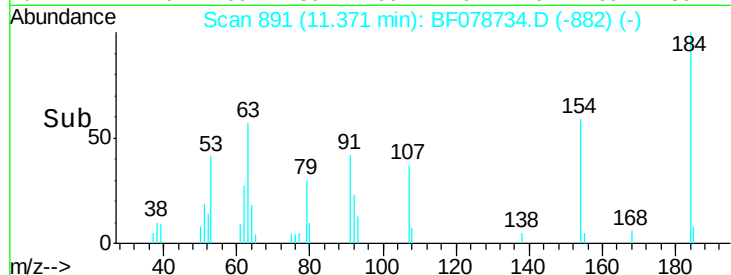
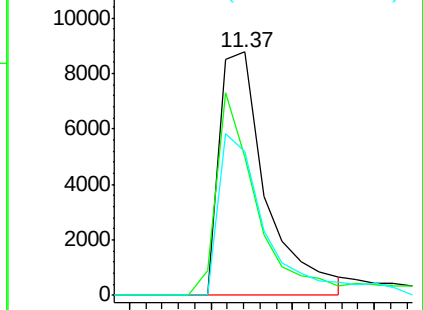
Tot Ion	Ratio	Lower	Upper
184	100		
63	57.2	51.9	77.9
154	58.9	51.0	76.4

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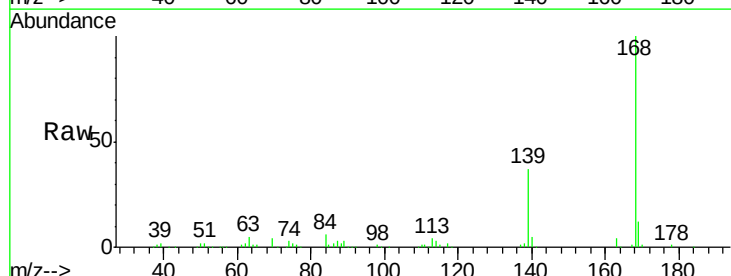


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

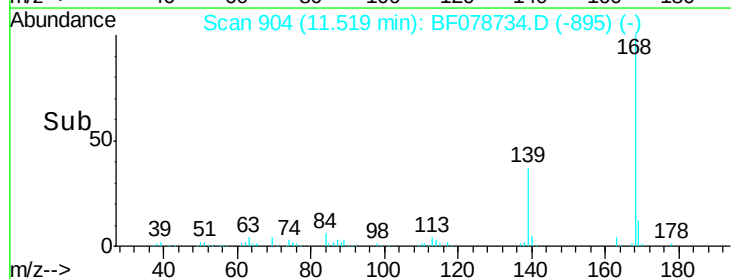
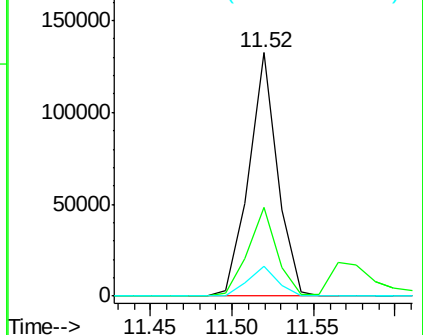


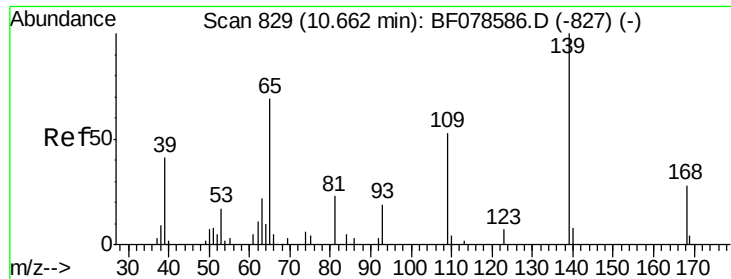
#54
 Dibenzofuran
 Concen: 37.15 ng
 RT: 11.52 min Scan# 904
 Delta R.T. -0.00 min
 Lab File: BF078734.D
 Acq: 23 Apr 2015 00:43

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.6	31.0	46.4
169	12.4	10.7	16.1



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E





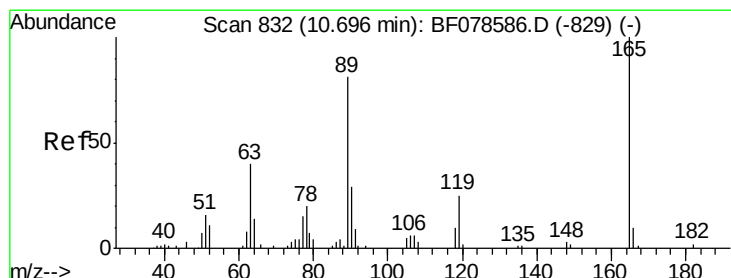
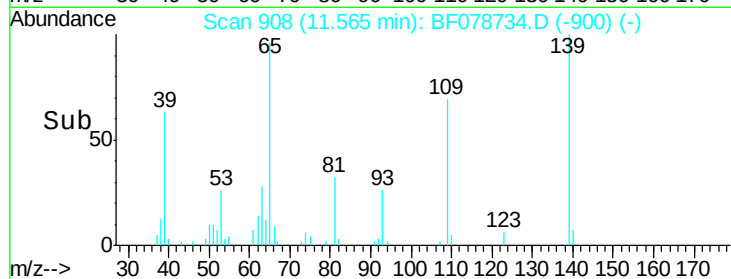
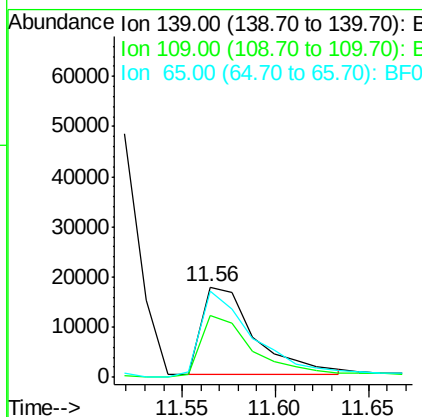
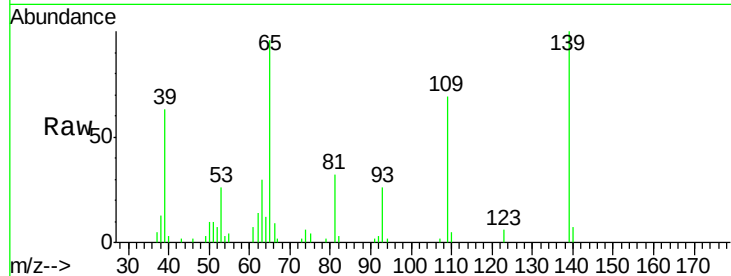
#55
4-Nitrophenol
Concen: 55.49 ng
RT: 11.56 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF078734.D
Acq: 23 Apr 2015 00:43

Instrument :
BNA_F
ClientSampleId :
PB82927BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	68.8	36.7	76.7
65	95.9	49.9	89.9

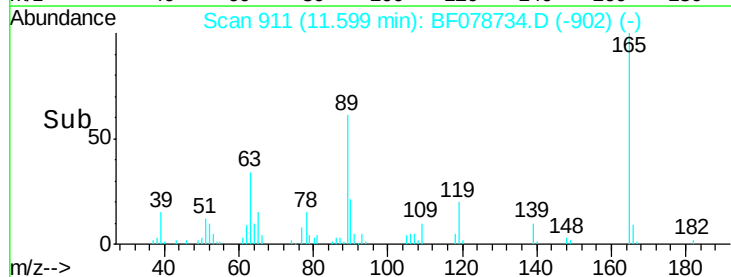
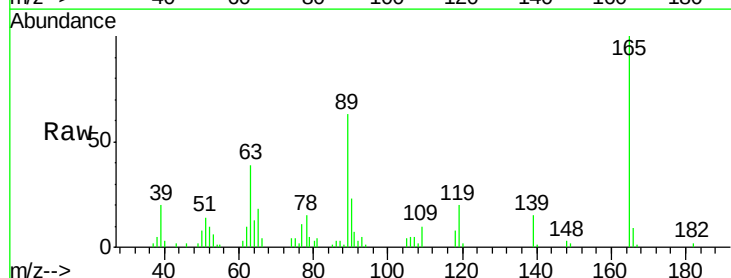
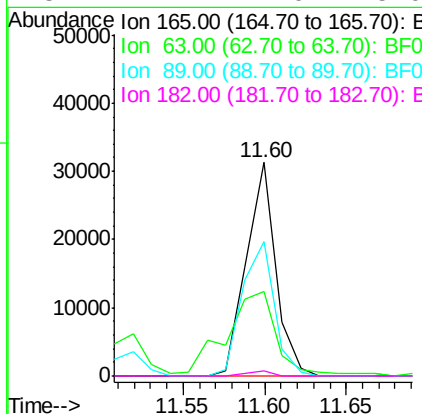
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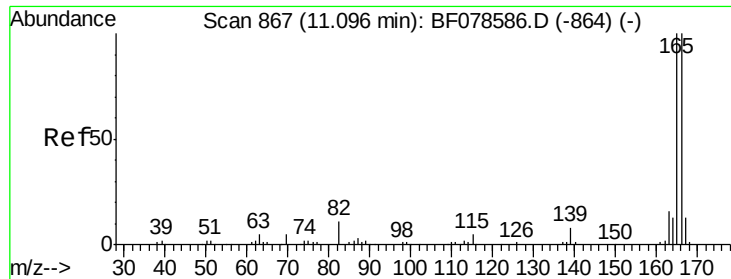
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#56
2,4-Dinitrotoluene
Concen: 40.16 ng
RT: 11.60 min Scan# 911
Delta R.T. -0.00 min
Lab File: BF078734.D
Acq: 23 Apr 2015 00:43

Tgt Ion	Ratio	Lower	Upper
165	100		
63	39.3	26.5	39.7
89	62.7	46.4	69.6
182	2.2	2.0	3.0





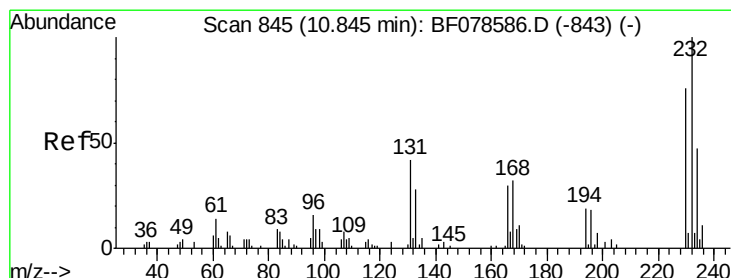
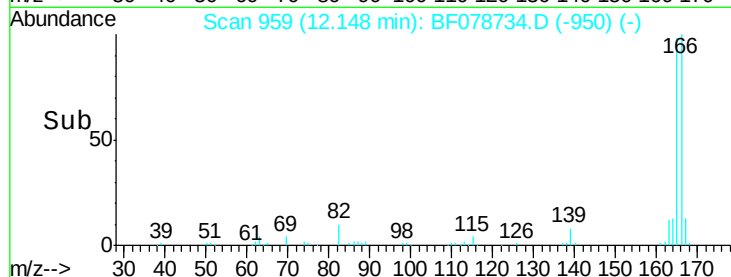
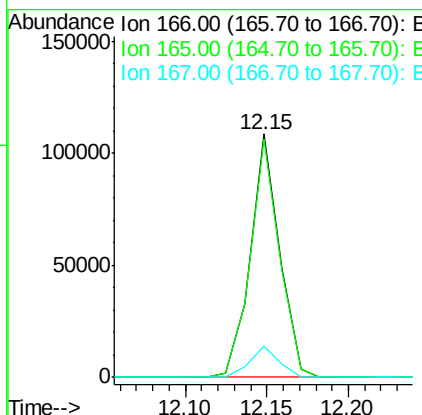
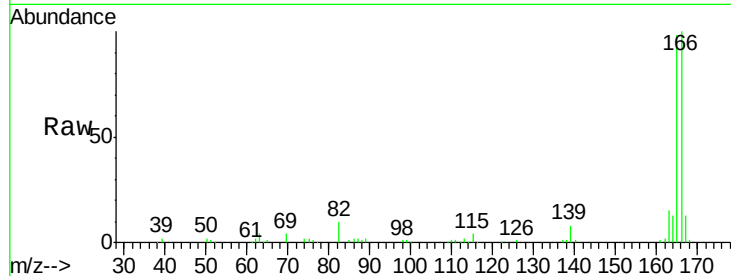
#57
 Fluorene
 Concen: 38.09 ng
 RT: 12.15 min Scan# 959
 Delta R.T. -0.00 min
 Lab File: BF078734.D
 Acq: 23 Apr 2015 00:43

Instrument :
 BNA_F
 ClientSampleId :
 PB82927BS

Tot Ion:	166	Resp:	134426
Ion Ratio	Lower	Upper	
166	100		
165	98.1	78.9	118.3
167	12.9	10.7	16.1

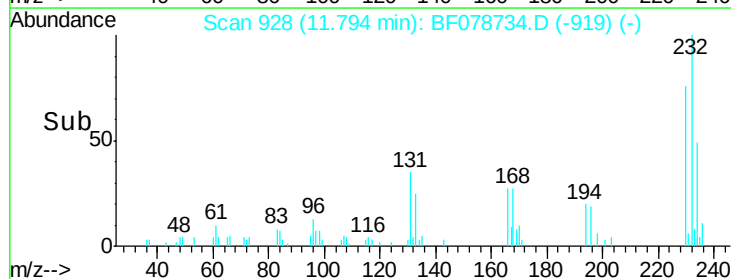
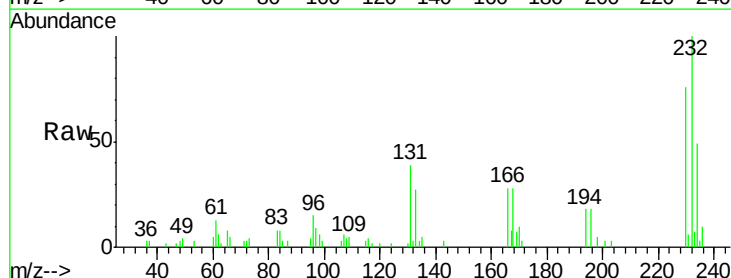
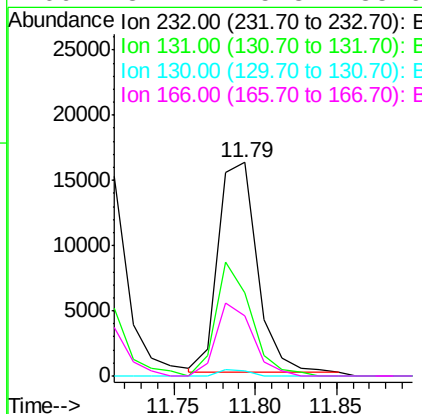
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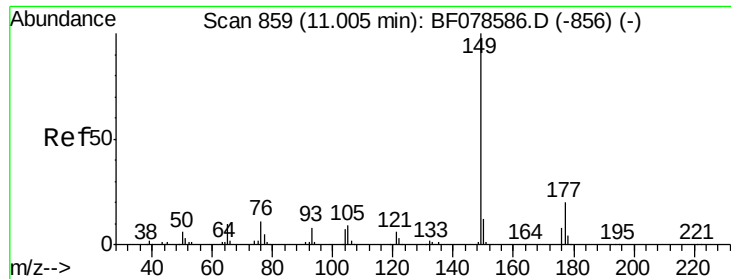
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 35.98 ng
 RT: 11.79 min Scan# 928
 Delta R.T. -0.00 min
 Lab File: BF078734.D
 Acq: 23 Apr 2015 00:43

Tgt Ion:	232	Resp:	26528
Ion Ratio	Lower	Upper	
232	100		
131	49.4	37.8	56.8
130	2.3	1.5	2.3#
166	32.7	25.8	38.6





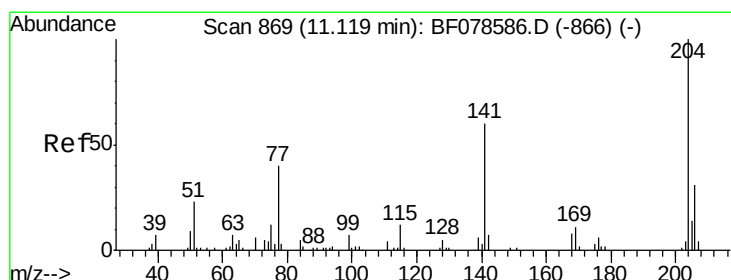
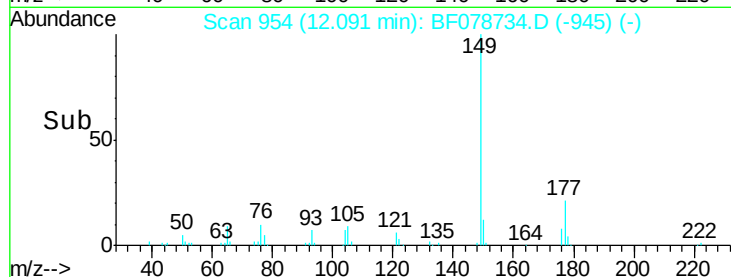
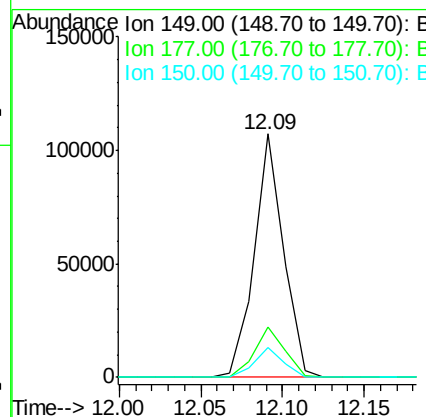
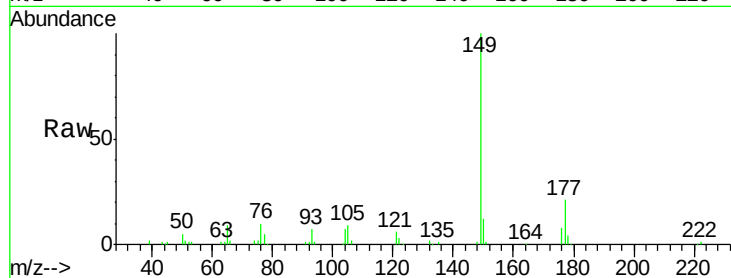
#59
Diethylphthalate
Concen: 37.85 ng
RT: 12.09 min Scan# 954
Delta R.T. -0.00 min
Lab File: BF078734.D
Acq: 23 Apr 2015 00:43

Instrument :
BNA_F
ClientSampled :
PB82927BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	133580		
177	20.8		17.4	26.2
150	12.1		9.4	14.2

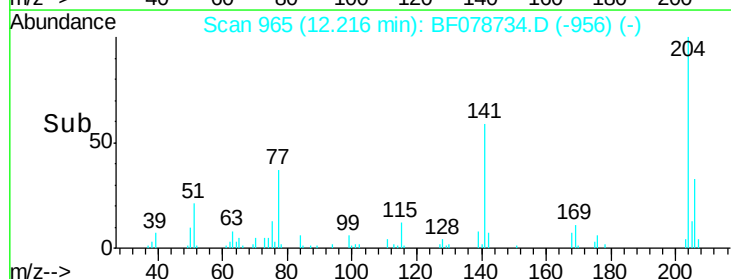
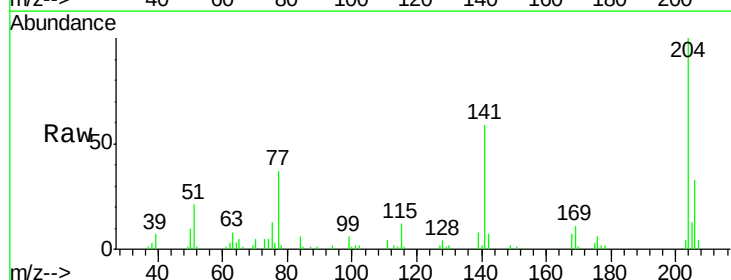
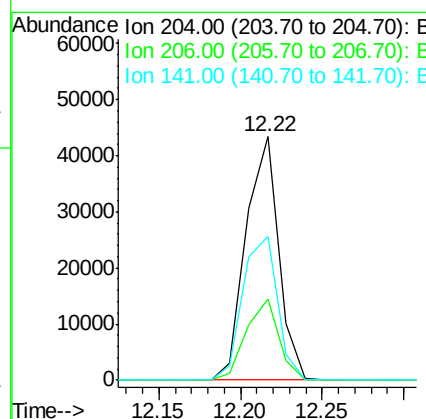
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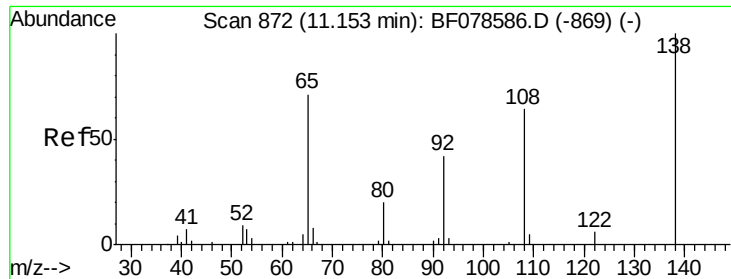
apatel
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#60
4-Chlorophenyl-phenylether
Concen: 37.01 ng
RT: 12.22 min Scan# 965
Delta R.T. -0.00 min
Lab File: BF078734.D
Acq: 23 Apr 2015 00:43

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	60087		
206	33.4		25.6	38.4
141	58.8		35.4	53.0#





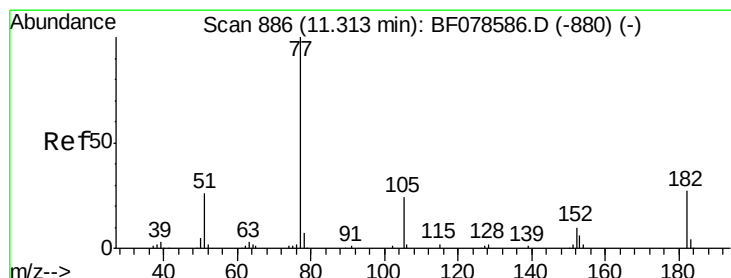
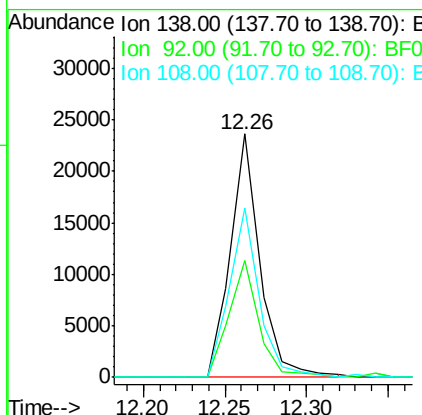
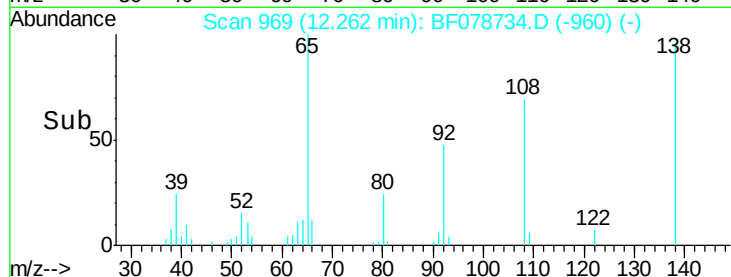
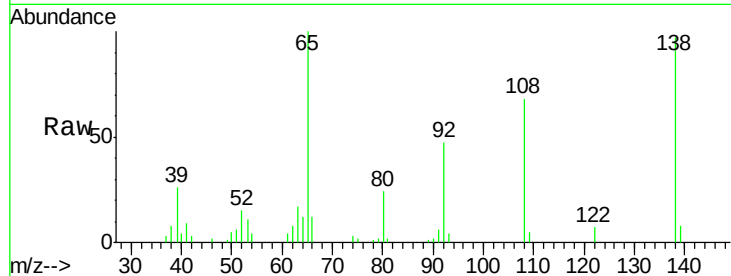
#61
 4-Nitroaniline
 Concen: 34.11 ng
 RT: 12.26 min Scan# 969
 Delta R.T. -0.00 min
 Lab File: BF078734.D
 Acq: 23 Apr 2015 00:43

Instrument :
 BNA_F
 ClientSampleId :
 PB82927BS

Tot Ion:	138	Resp:	29522
Ion Ratio	Lower	Upper	
138	100		
92	48.1	27.3	67.3
108	69.7	47.2	87.2

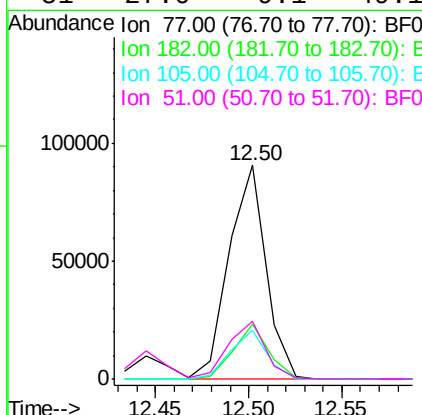
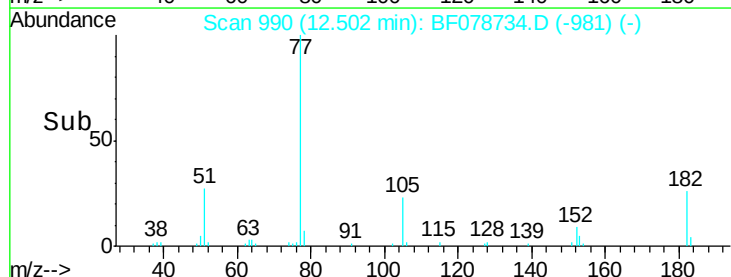
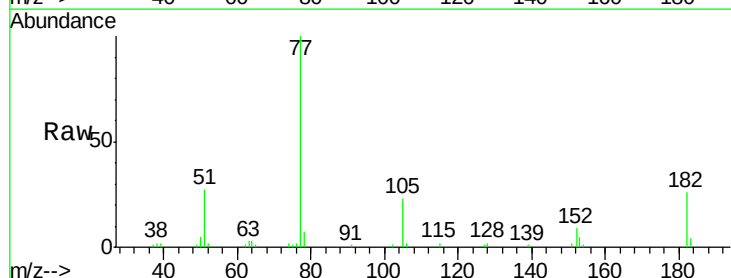
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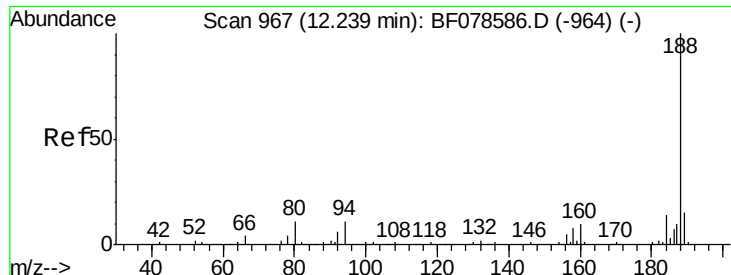
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#62
 Azobenzene
 Concen: 38.99 ng
 RT: 12.50 min Scan# 990
 Delta R.T. -0.00 min
 Lab File: BF078734.D
 Acq: 23 Apr 2015 00:43

Tgt Ion:	77	Resp:	125569
Ion Ratio	Lower	Upper	
77	100		
182	25.8	0.0	36.8
105	22.5	0.3	40.3
51	27.0	9.1	49.1





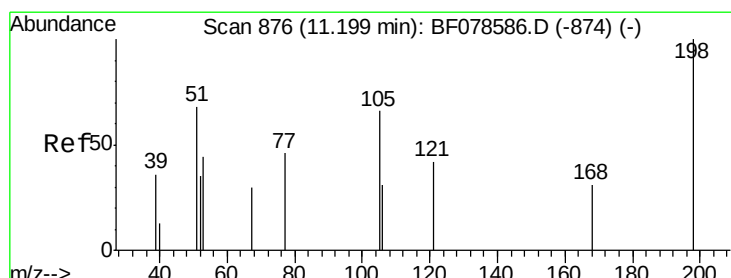
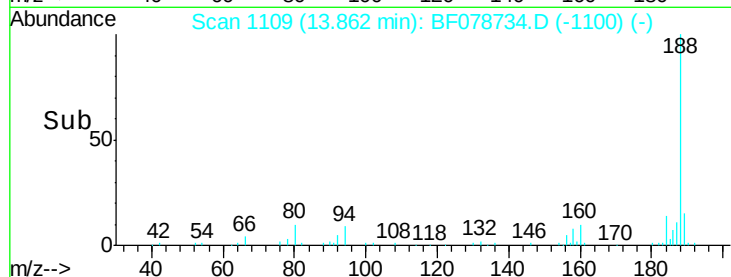
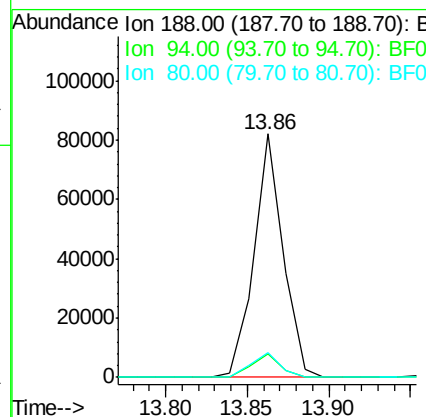
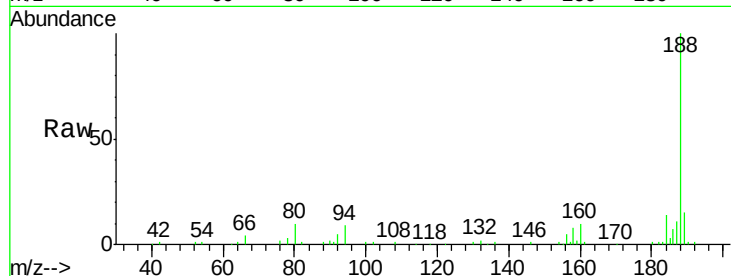
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 13.86 min Scan# 1109
Delta R.T. -0.00 min
Lab File: BF078734.D
Acq: 23 Apr 2015 00:43

Instrument :
BNA_F
ClientSampleId :
PB82927BS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.5	9.0	13.4
80	10.3	9.5	14.3

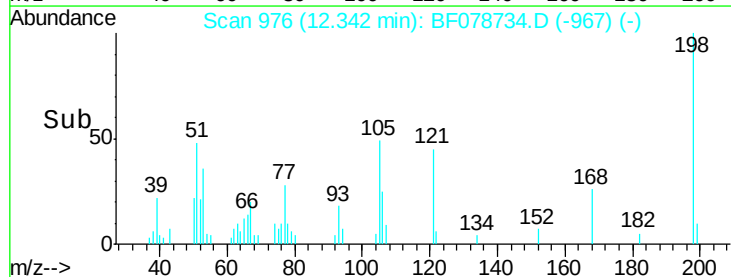
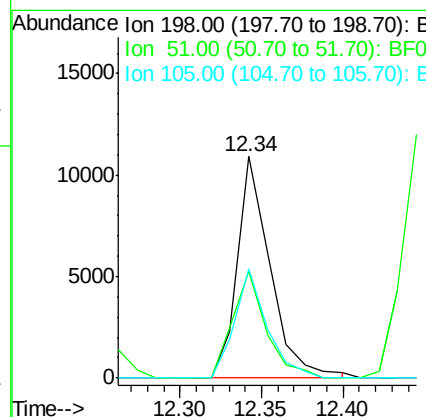
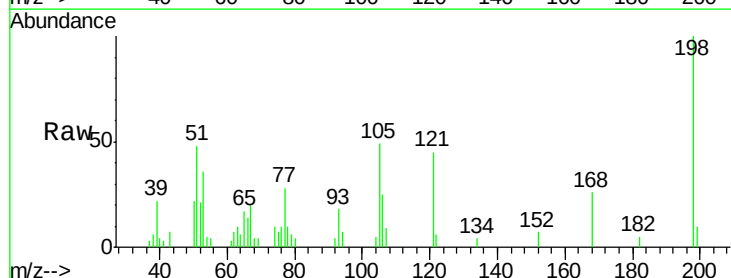
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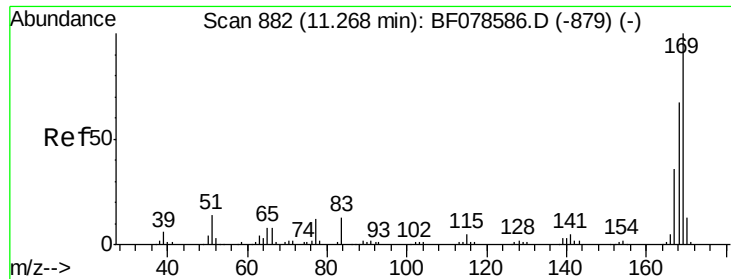
apatel
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#64
4,6-Dinitro-2-methylphenol
Concen: 33.44 ng
RT: 12.34 min Scan# 976
Delta R.T. -0.00 min
Lab File: BF078734.D
Acq: 23 Apr 2015 00:43

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	48.3	48.6	88.6#
105	49.1	45.8	85.8





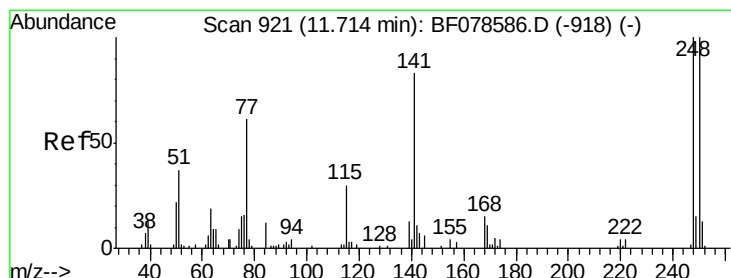
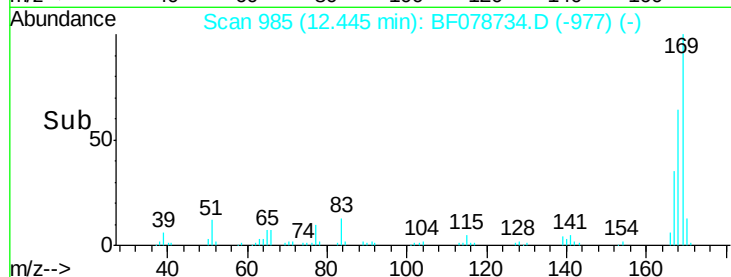
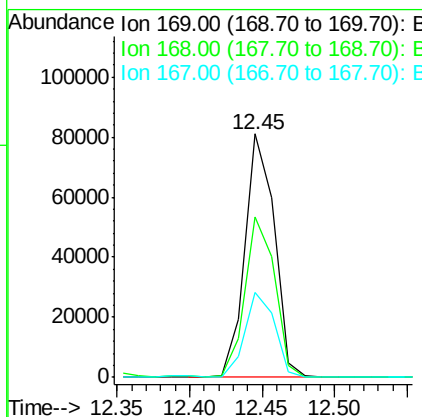
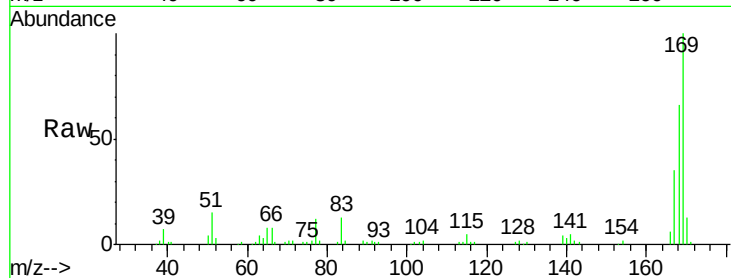
#65
 n-Nitrosodiphenylamine
 Concen: 32.46 ng
 RT: 12.45 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: BF078734.D
 Acq: 23 Apr 2015 00:43

Instrument :
 BNA_F
 ClientSampled :
 PB82927BS

Tot Ion	Ratio	Lower	Upper
169	100		
168	66.0	55.0	82.4
167	35.1	29.3	43.9

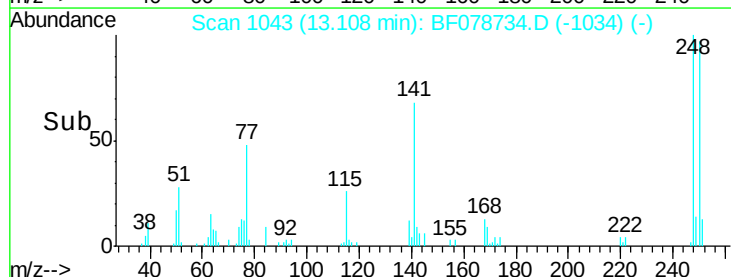
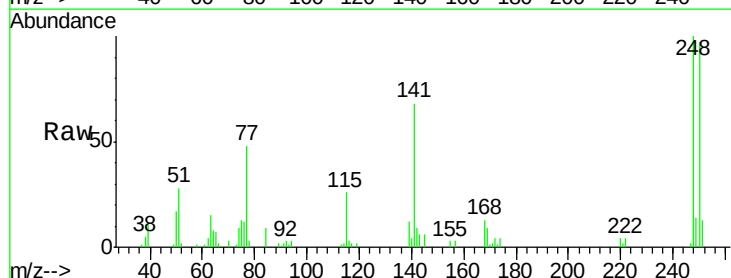
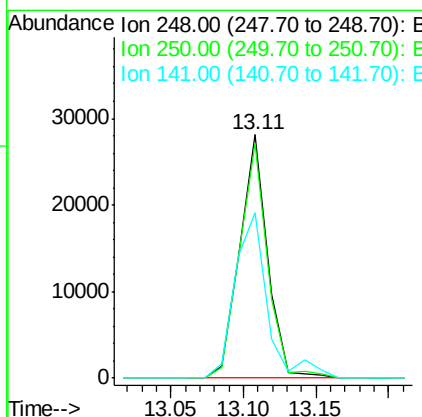
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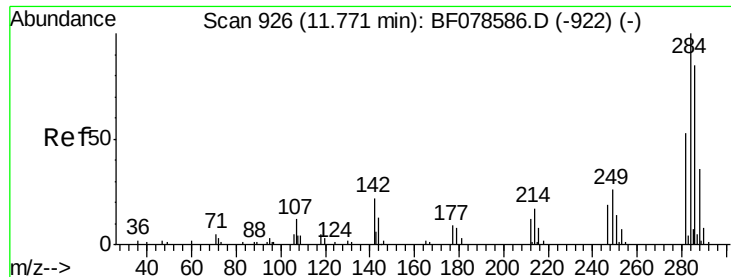
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#66
 4-Bromophenyl-phenylether
 Concen: 34.91 ng
 RT: 13.11 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BF078734.D
 Acq: 23 Apr 2015 00:43

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.6	78.2	117.2
141	68.2	66.4	99.6





#67

Hexachlorobenzene

Concen: 33.02 ng

RT: 13.14 min Scan# 1046

Delta R.T. -0.01 min

Lab File: BF078734.D

Acq: 23 Apr 2015 00:43

Instrument :

BNA_F

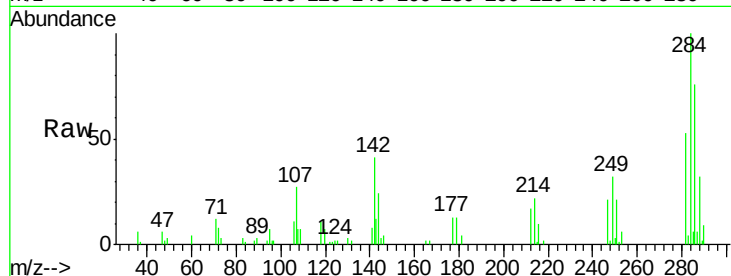
ClientSampleId :

PB82927BS

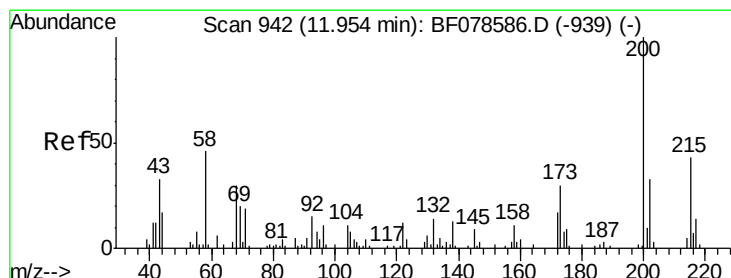
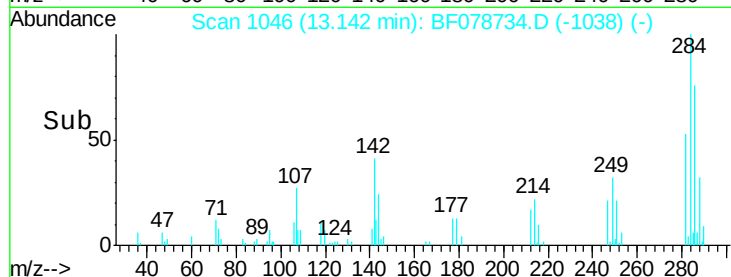
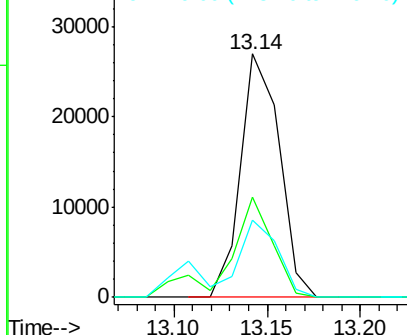
Tot Ion:	284	Resp:	38862
Ion Ratio	Lower	Upper	
284	100		
142	41.1	24.5	36.7#
249	31.9	24.8	37.2

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



#68

Atrazine

Concen: 43.25 ng

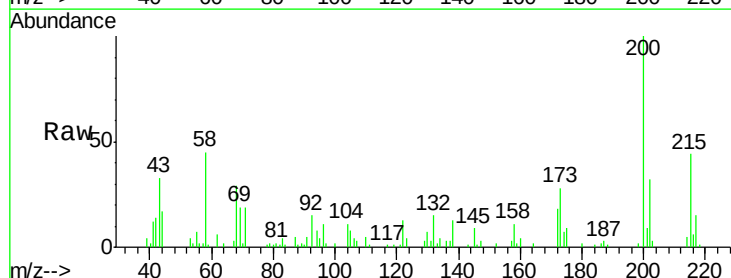
RT: 13.52 min Scan# 1079

Delta R.T. -0.00 min

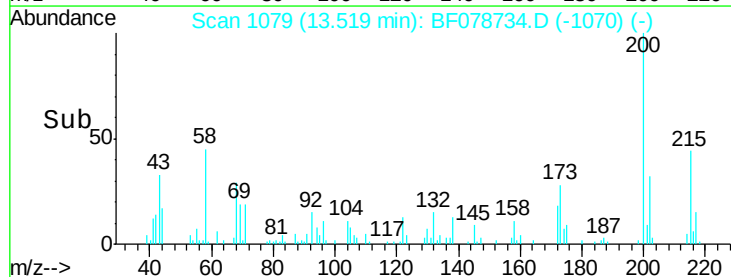
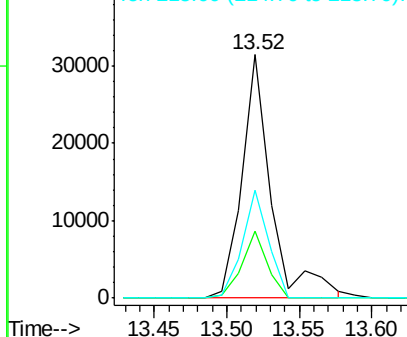
Lab File: BF078734.D

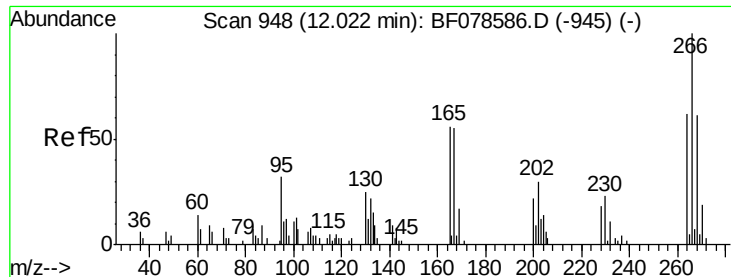
Acq: 23 Apr 2015 00:43

Tgt Ion:	200	Resp:	43941
Ion Ratio	Lower	Upper	
200	100		
173	27.5	6.9	46.9
215	44.2	27.1	67.1



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





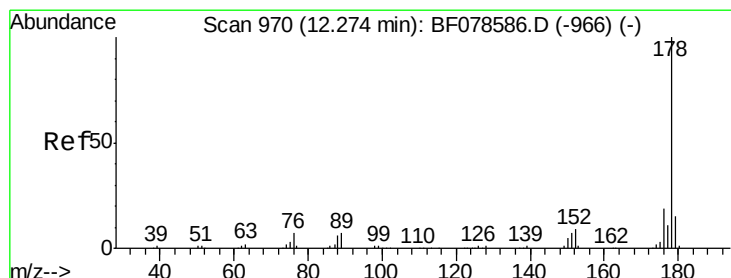
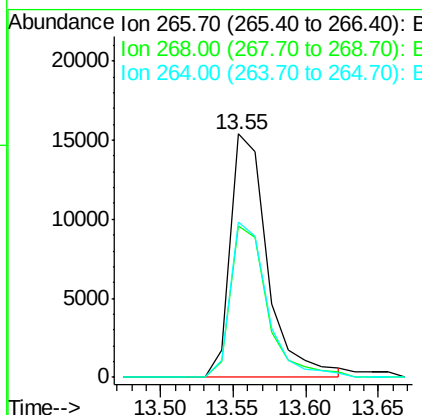
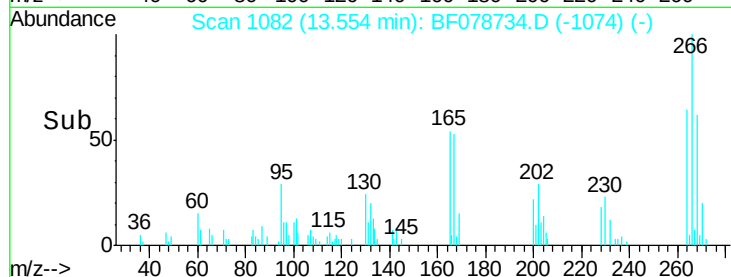
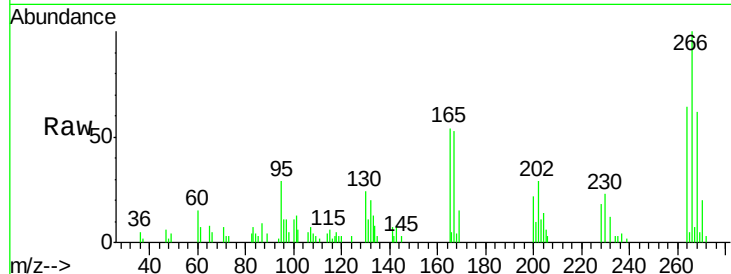
#69
 Pentachlorophenol
 Concen: 55.43 ng
 RT: 13.55 min Scan# 1082
 Delta R.T. -0.01 min
 Lab File: BF078734.D
 Acq: 23 Apr 2015 00:43

Instrument :
 BNA_F
 ClientSampleId :
 PB82927BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	27548		
268	62.2	50.1	75.1	
264	63.8	50.0	75.0	

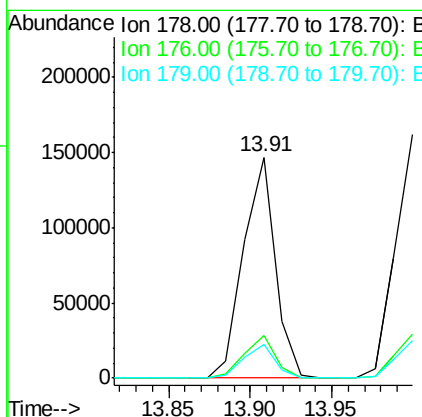
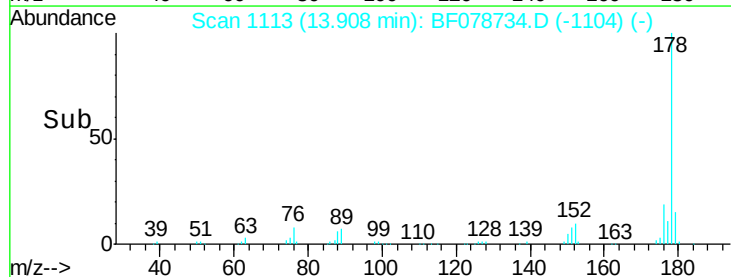
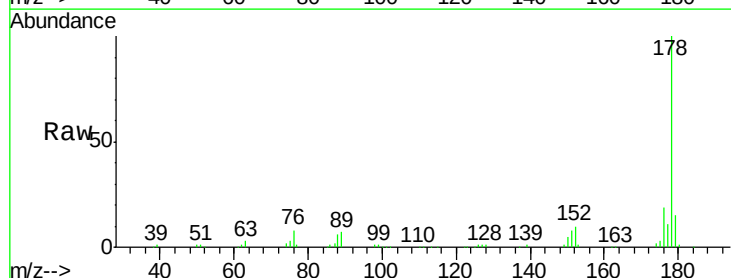
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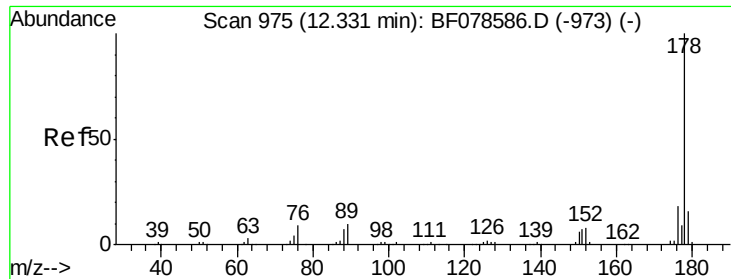
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#70
 Phenanthrene
 Concen: 33.91 ng
 RT: 13.91 min Scan# 1113
 Delta R.T. -0.00 min
 Lab File: BF078734.D
 Acq: 23 Apr 2015 00:43

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	198906		
176	19.3	15.4	23.0	
179	15.0	12.2	18.2	





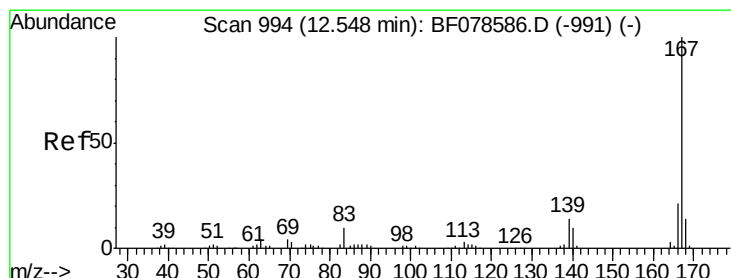
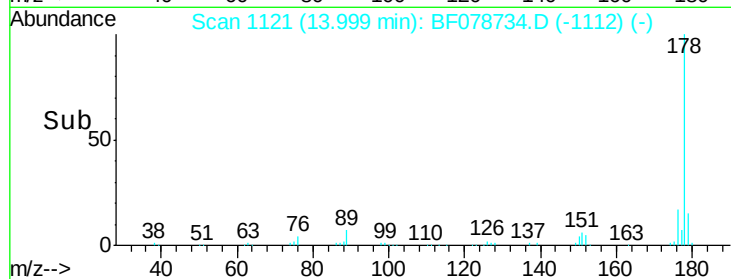
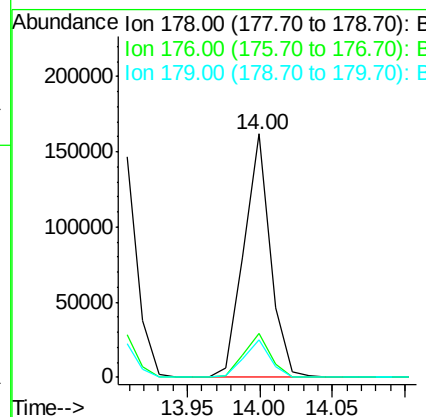
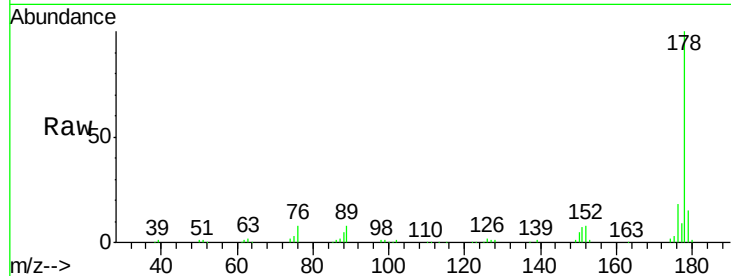
#71
 Anthracene
 Concen: 35.45 ng
 RT: 14.00 min Scan# 1121
 Delta R.T. -0.00 min
 Lab File: BF078734.D
 Acq: 23 Apr 2015 00:43

Instrument :
 BNA_F
 ClientSampleId :
 PB82927BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	17.8	14.8	22.2
179	15.4	12.4	18.6

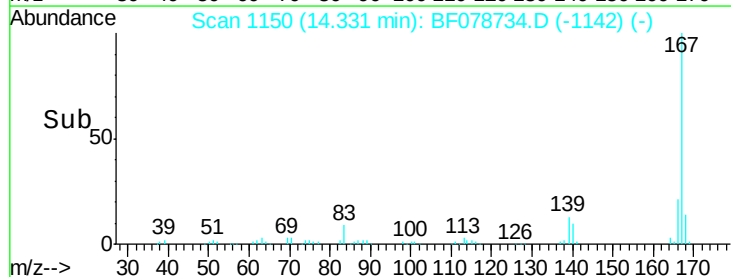
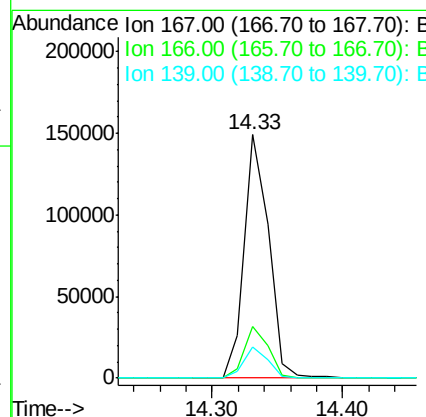
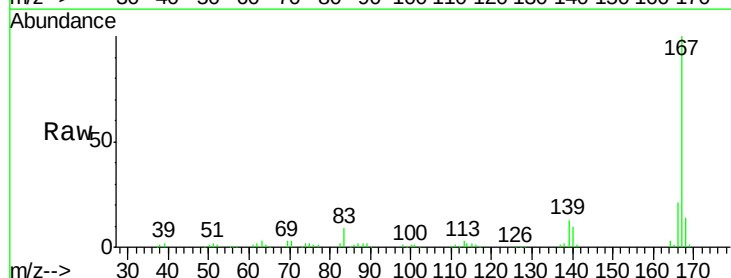
Manual Integrations
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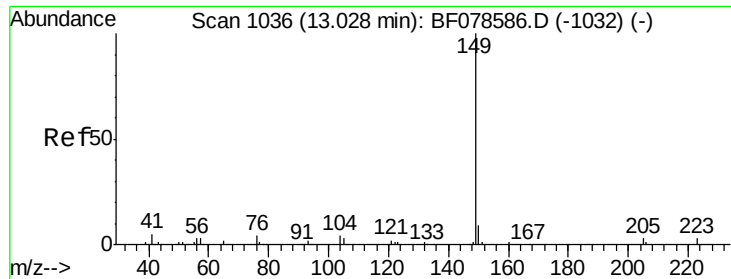
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#72
 Carbazole
 Concen: 35.89 ng
 RT: 14.33 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF078734.D
 Acq: 23 Apr 2015 00:43

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.4	16.8	25.2
139	13.0	10.0	15.0





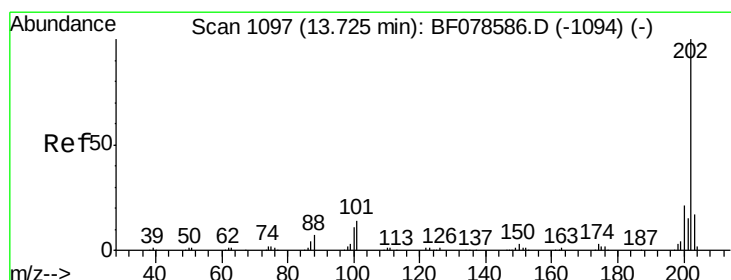
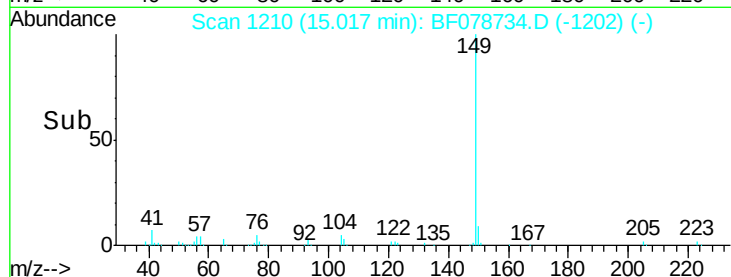
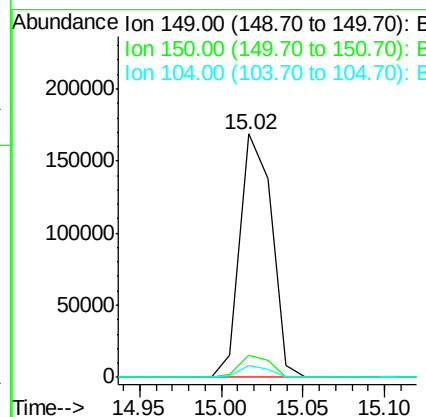
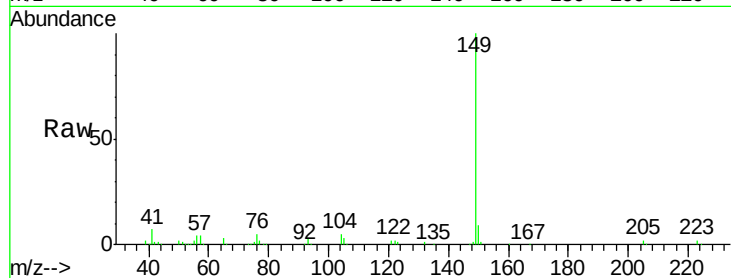
#73
Di-n-butylphthalate
Concen: 36.98 ng
RT: 15.02 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF078734.D
Acq: 23 Apr 2015 00:43

Instrument :
BNA_F
ClientSampleId :
PB82927BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	226916		
150	9.1	7.1	10.7	
104	4.8	3.8	5.6	

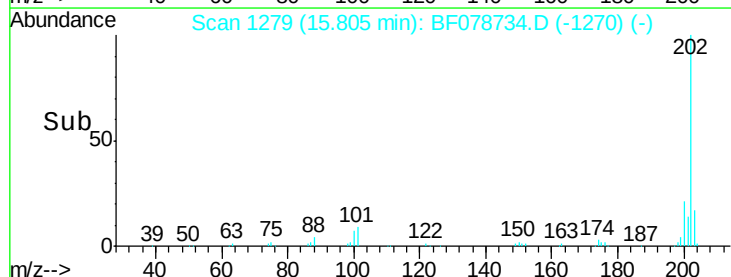
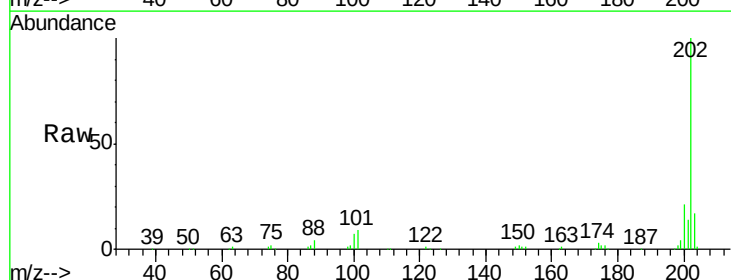
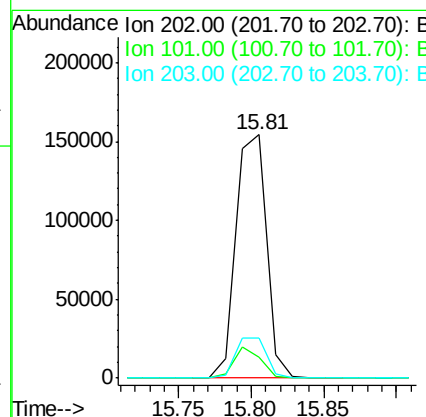
Manual Integrations
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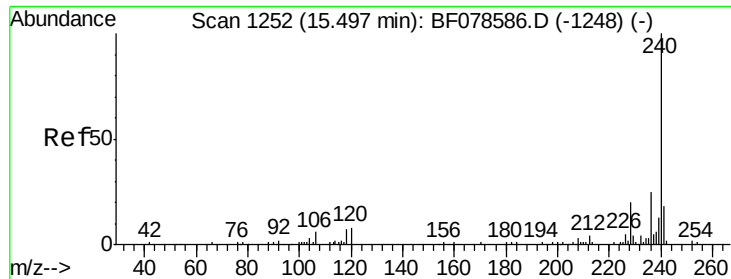
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#74
Fluoranthene
Concen: 36.46 ng
RT: 15.81 min Scan# 1279
Delta R.T. -0.00 min
Lab File: BF078734.D
Acq: 23 Apr 2015 00:43

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	225543		
101	8.7	0.0	35.2	
203	16.7	0.0	38.5	





#75

Chrysene-d12

Concen: 20.00 ng

RT: 17.74 min Scan# 1448

Delta R.T. -0.00 min

Lab File: BF078734.D

Acq: 23 Apr 2015 00:43

Instrument :

BNA_F

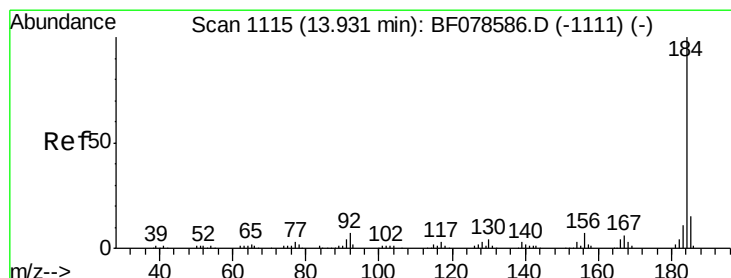
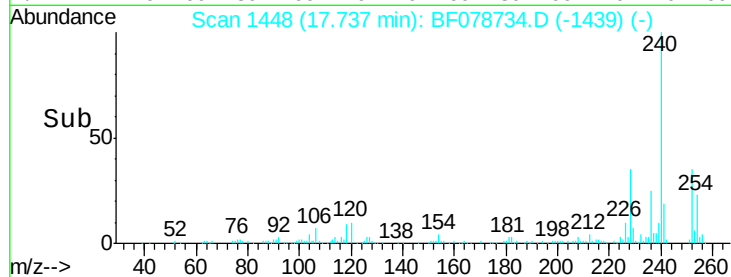
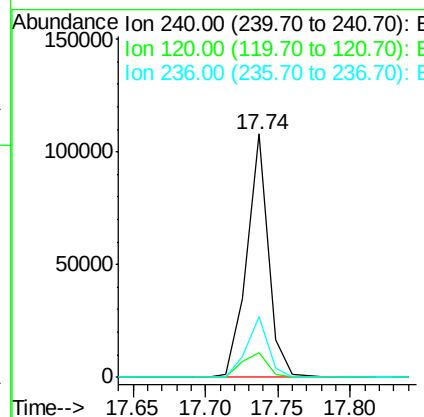
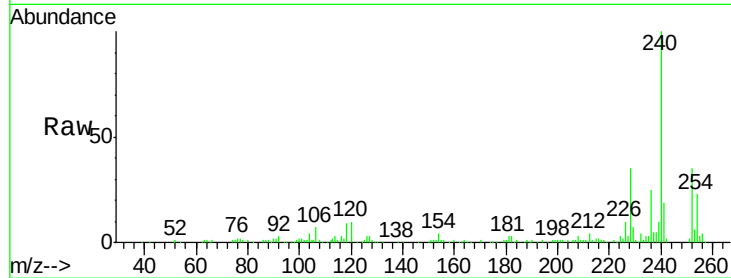
ClientSampled :

PB82927BS

Tot Ion:	240	Resp:	111953
Ion Ratio	Lower	Upper	
240	100		
120	10.3	7.1	10.7
236	24.8	21.4	32.2

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#76

Benzidine

Concen: 19.05 ng

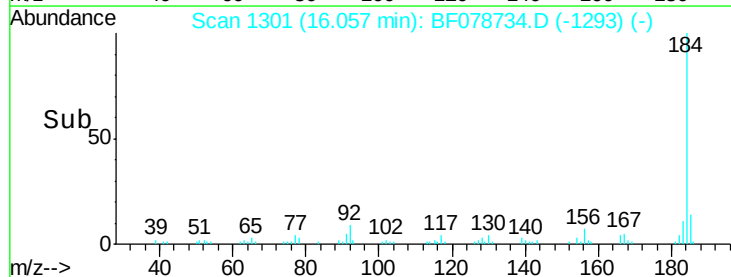
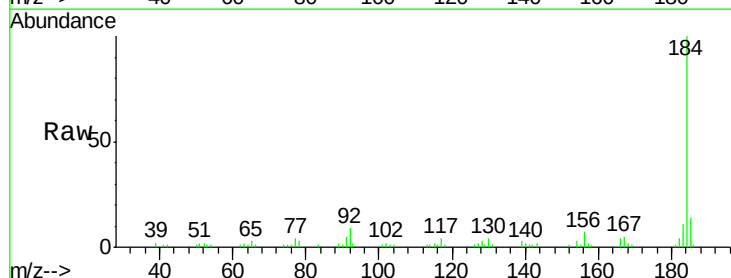
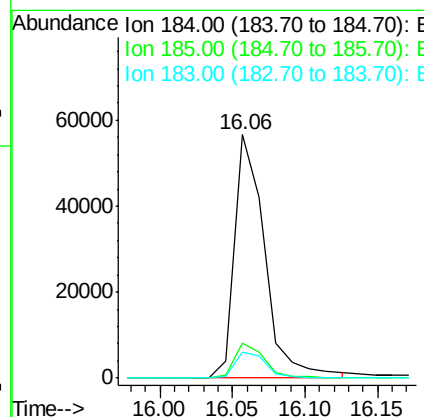
RT: 16.06 min Scan# 1301

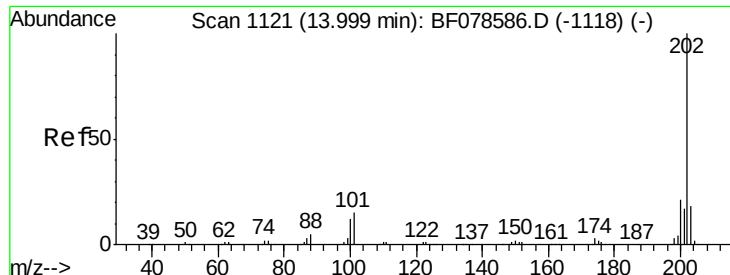
Delta R.T. -0.01 min

Lab File: BF078734.D

Acq: 23 Apr 2015 00:43

Tgt Ion:	184	Resp:	82127
Ion Ratio	Lower	Upper	
184	100		
185	14.3	12.2	18.2
183	10.6	9.5	14.3





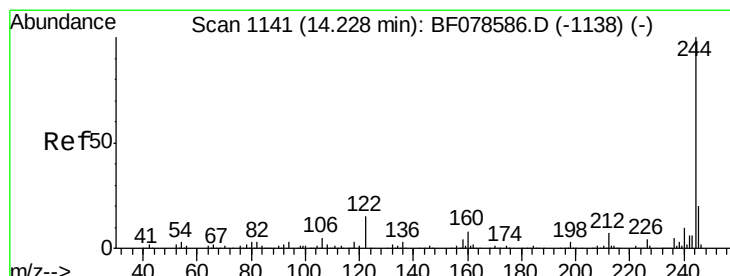
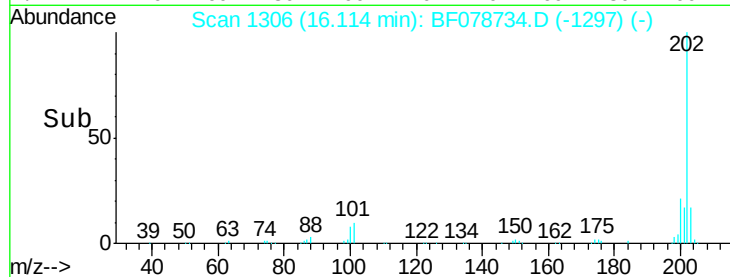
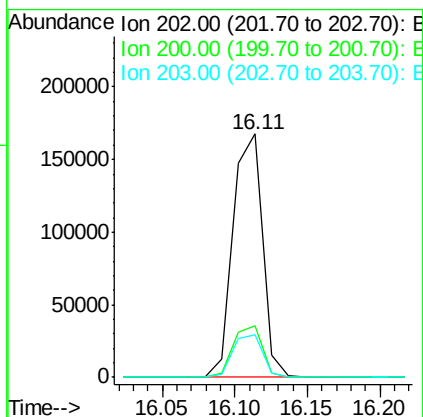
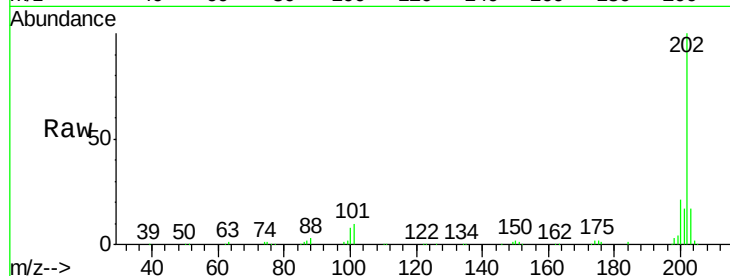
#77
Pvrene
Concen: 33.68 ng
RT: 16.11 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BF078734.D
Acq: 23 Apr 2015 00:43

Instrument :
BNA_F
ClientSampleId :
PB82927BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	236678		
200	21.0		16.3	24.5
203	17.4		13.8	20.6

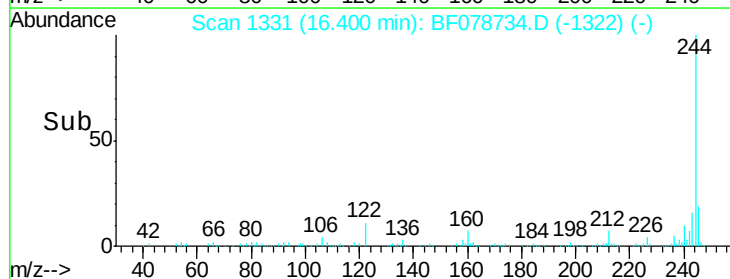
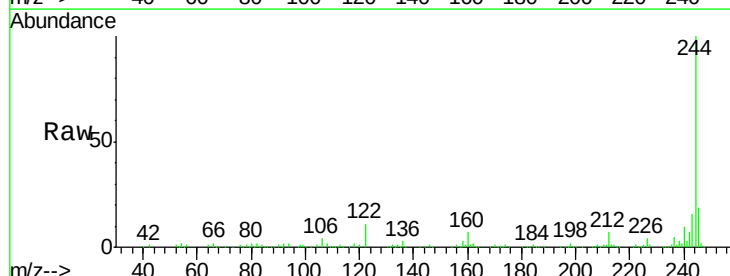
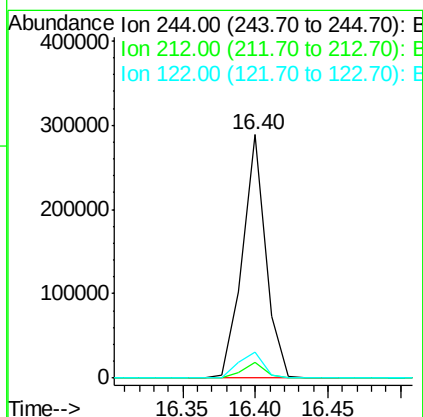
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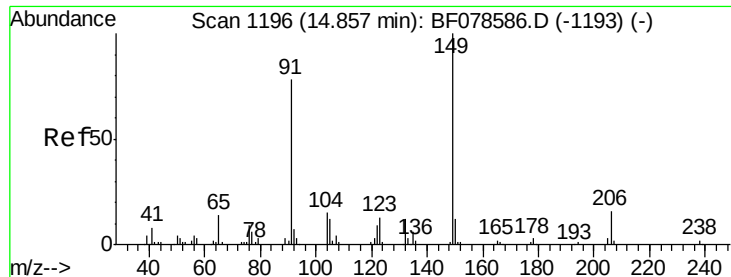
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#78
Terphenyl-d14
Concen: 65.09 ng
RT: 16.40 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BF078734.D
Acq: 23 Apr 2015 00:43

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	322460		
212	6.7		5.0	7.4
122	10.5		7.1	10.7





#79

Butylbenzylphthalate

Concen: 37.94 ng

RT: 17.10 min Scan# 1392

Delta R.T. -0.01 min

Lab File: BF078734.D

Acq: 23 Apr 2015 00:43

Instrument :

BNA_F

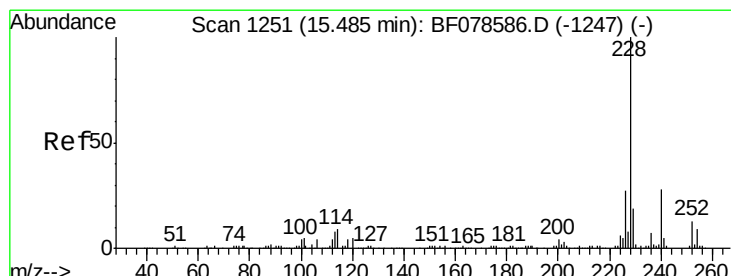
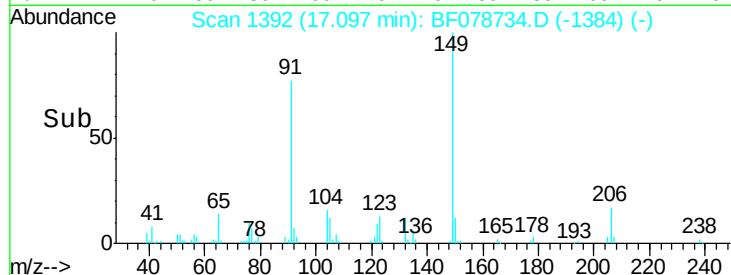
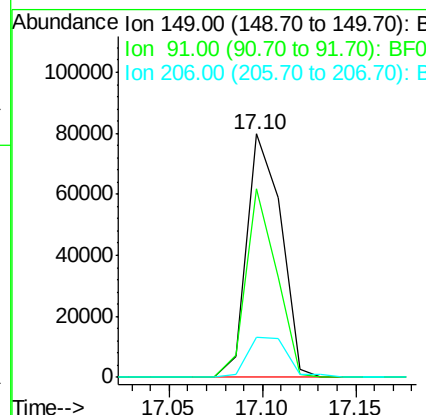
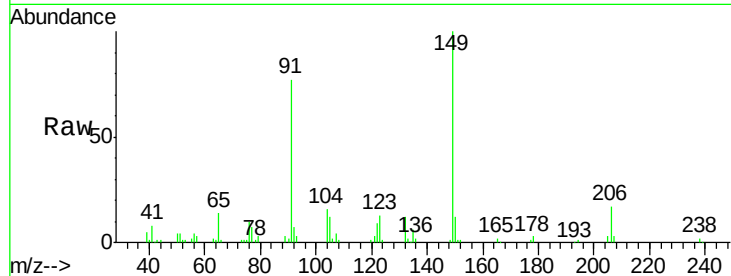
ClientSampleId :

PB82927BS

Tot Ion:	149	Resp:	101621
Ion Ratio	Lower	Upper	
149	100		
91	77.3	64.2	96.2
206	16.7	12.6	18.8

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#80

Benzo(a)anthracene

Concen: 33.49 ng

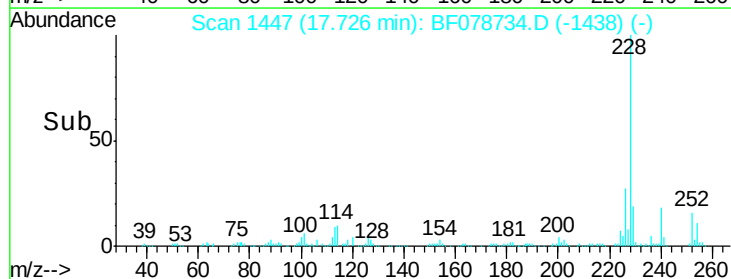
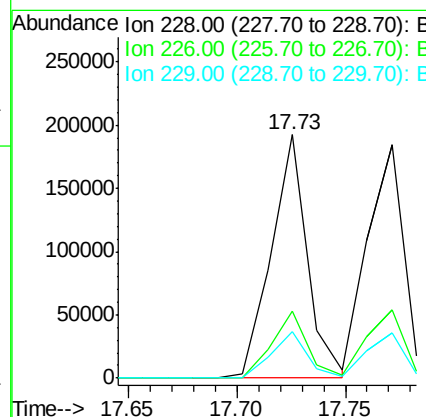
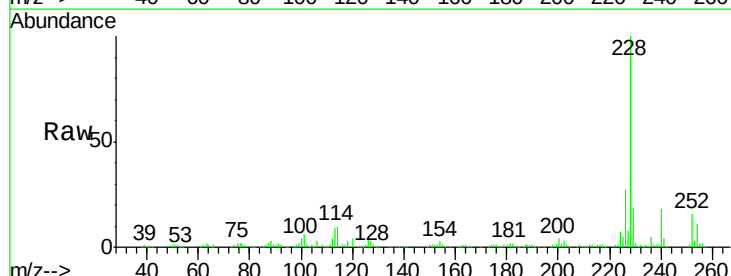
RT: 17.73 min Scan# 1447

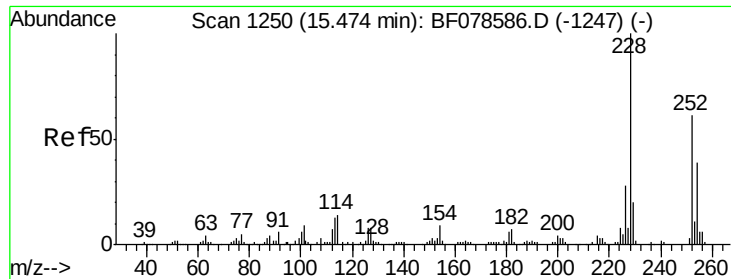
Delta R.T. -0.00 min

Lab File: BF078734.D

Acq: 23 Apr 2015 00:43

Tgt Ion:	228	Resp:	223106
Ion Ratio	Lower	Upper	
228	100		
226	27.3	21.3	31.9
229	19.2	15.4	23.2





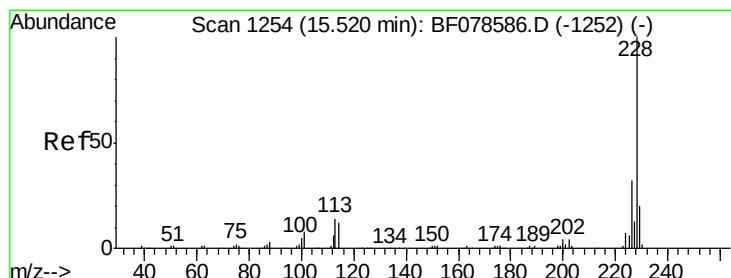
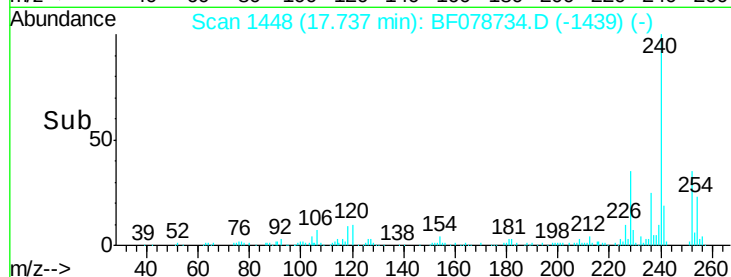
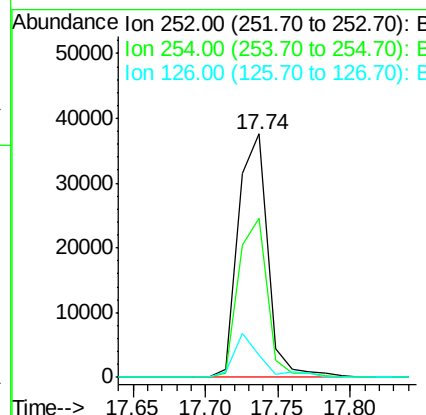
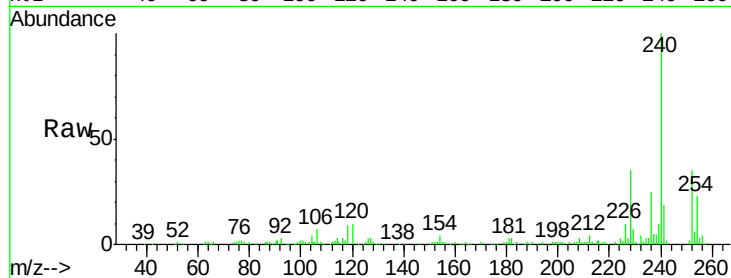
#81
 3,3'-Dichlorobenzidine
 Concen: 23.98 ng
 RT: 17.74 min Scan# 1448
 Delta R.T. -0.00 min
 Lab File: BF078734.D
 Acq: 23 Apr 2015 00:43

Instrument :
 BNA_F
 ClientSampled :
 PB82927BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.1	51.2	76.8
126	9.0	6.3	9.5

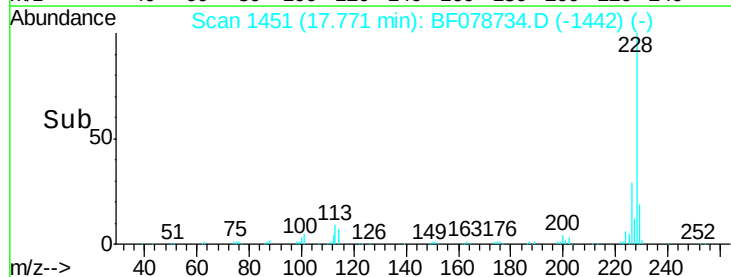
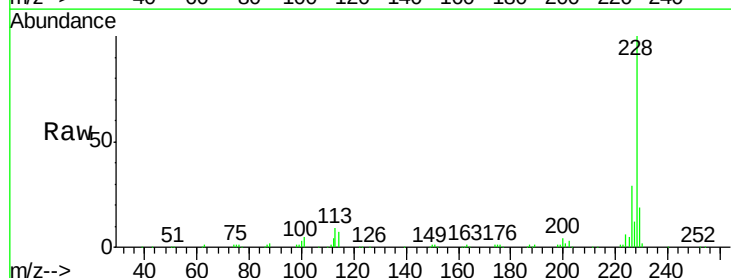
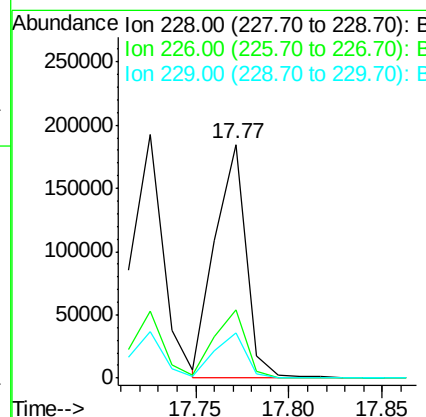
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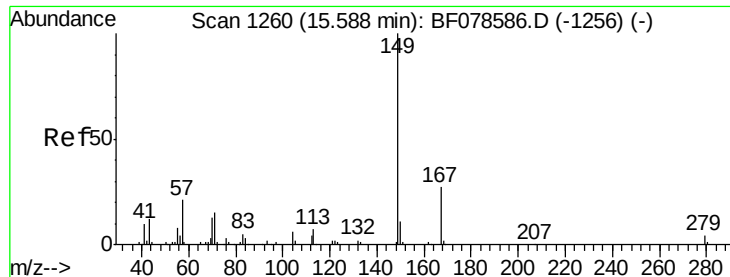
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#82
 Chrysene
 Concen: 34.30 ng
 RT: 17.77 min Scan# 1451
 Delta R.T. -0.00 min
 Lab File: BF078734.D
 Acq: 23 Apr 2015 00:43

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.2	36.4
229	19.4	15.8	23.8





#83

Bis(2-ethylhexyl)phthalate

Concen: 36.80 ng

RT: 17.86 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF078734.D

Acq: 23 Apr 2015 00:43

Instrument :

BNA_F

ClientSampleId :

PB82927BS

Tot Ion:149 Resp: 154589

Ion Ratio Lower Upper

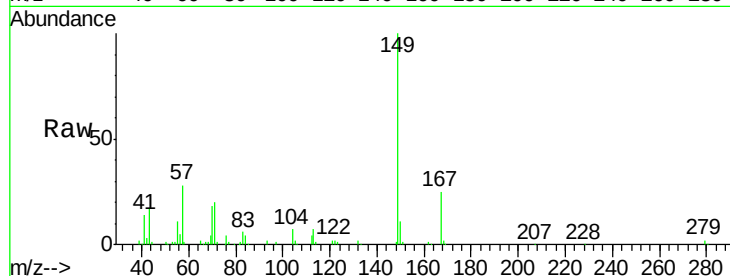
149 100

167 25.1 22.2 33.2

279 2.2 3.2 4.8#

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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

17.86

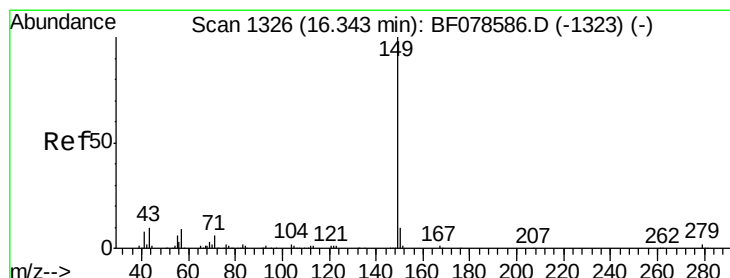
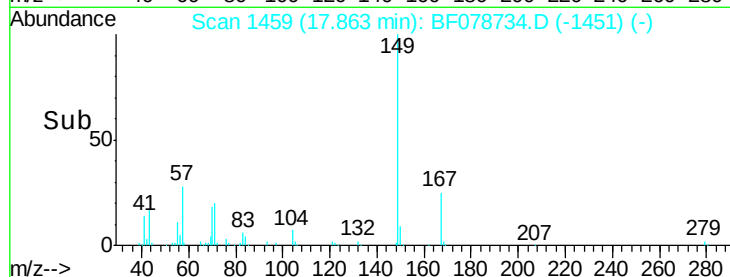
150000

100000

50000

0

Time--> 17.80 17.85 17.90



#84

Di-n-octyl phthalate

Concen: 39.65 ng

RT: 18.64 min Scan# 1527

Delta R.T. -0.01 min

Lab File: BF078734.D

Acq: 23 Apr 2015 00:43

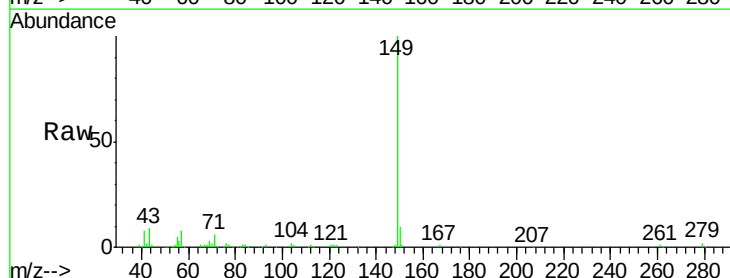
Tgt Ion:149 Resp: 273483

Ion Ratio Lower Upper

149 100

167 1.4 0.0 0.0#

43 8.9 0.0 0.0#



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

18.64

300000

250000

200000

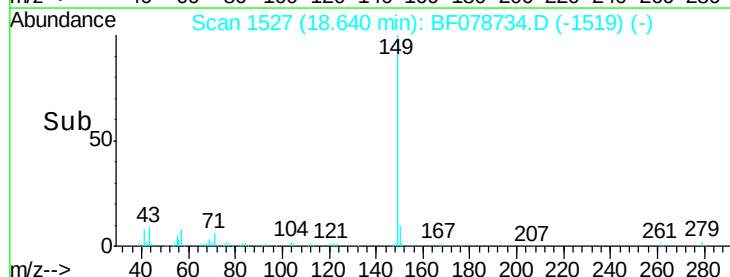
150000

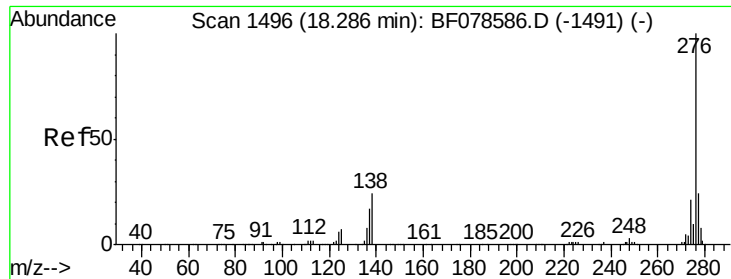
100000

50000

0

Time--> 18.60 18.70





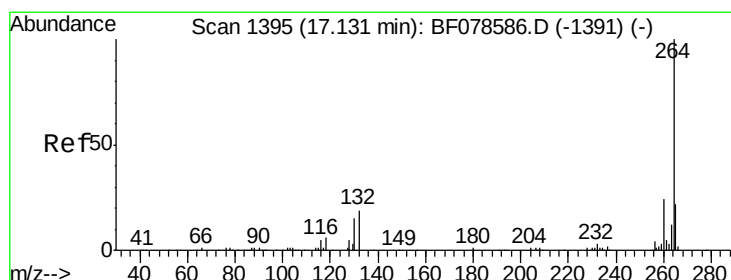
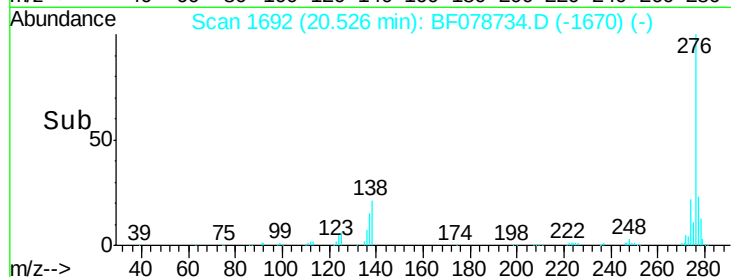
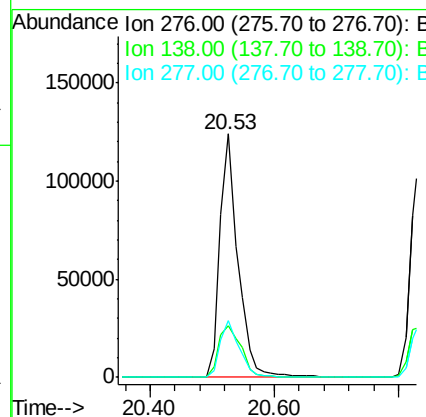
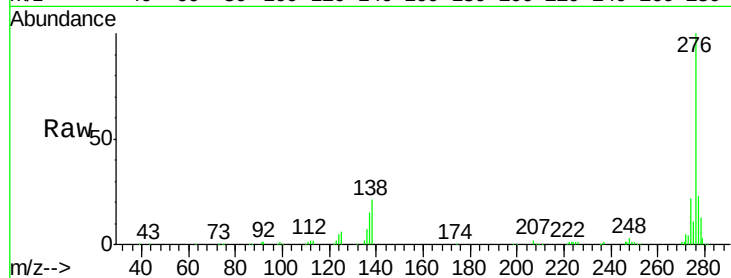
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 34.85 ng
 RT: 20.53 min Scan# 1692
 Delta R.T. -0.05 min
 Lab File: BF078734.D
 Acq: 23 Apr 2015 00:43

Instrument :
 BNA_F
 ClientSampleId :
 PB82927BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.0	16.9	25.3#
277	24.9	15.8	23.6#

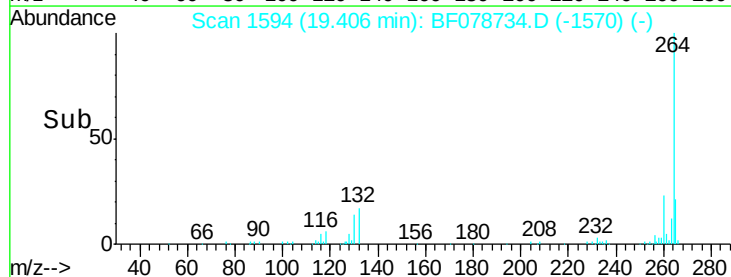
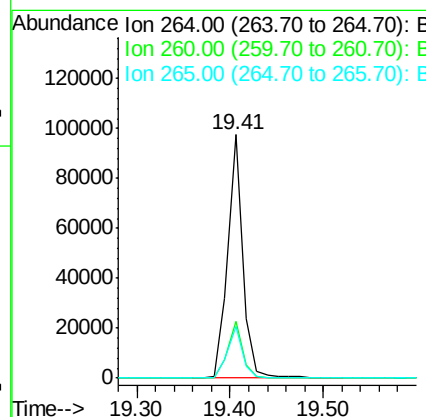
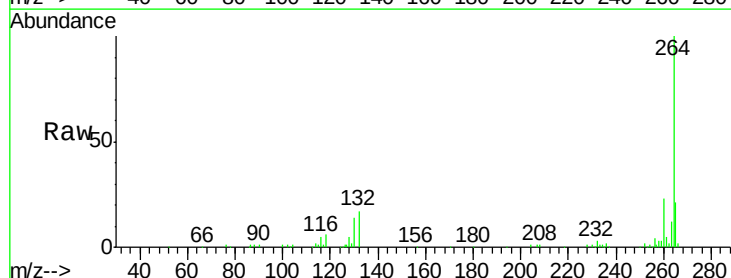
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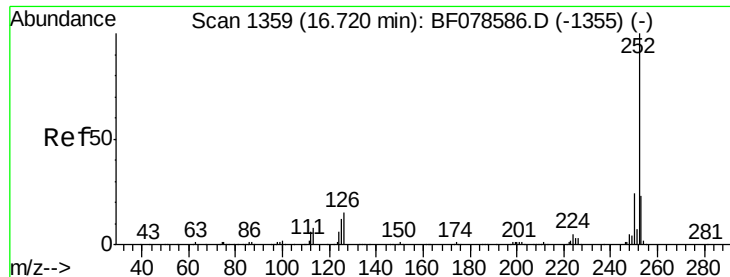
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 19.41 min Scan# 1594
 Delta R.T. -0.02 min
 Lab File: BF078734.D
 Acq: 23 Apr 2015 00:43

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.6	27.8
265	21.0	17.0	25.6





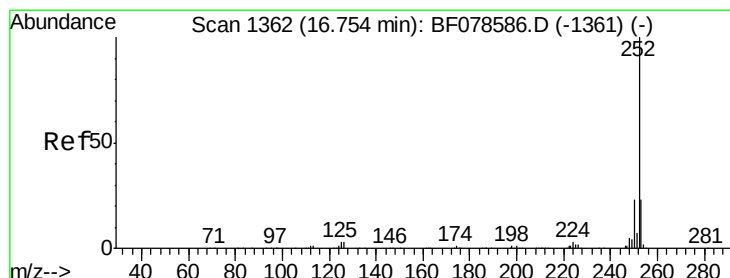
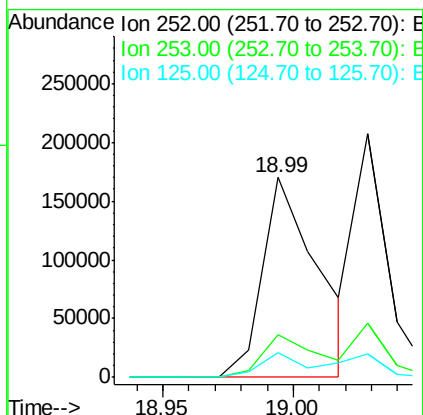
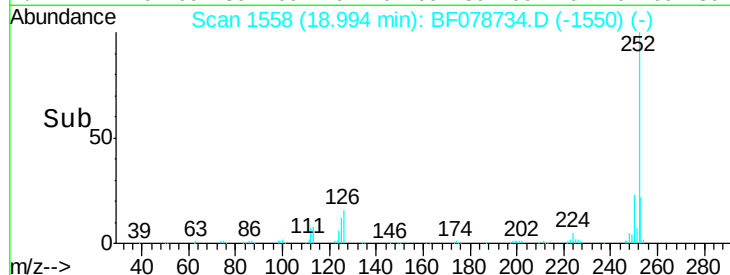
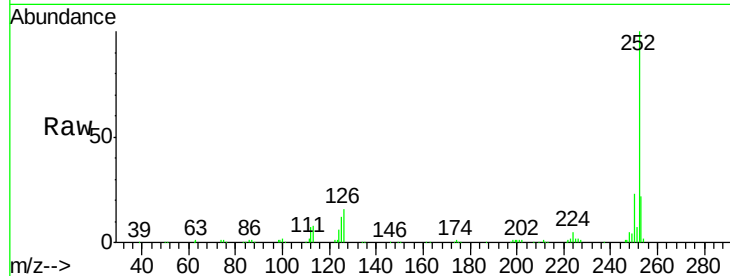
#87
Benzo(b)fluoranthene
Concen: 37.15 ng
RT: 18.99 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF078734.D
Acq: 23 Apr 2015 00:43

Instrument :
BNA_F
ClientSampleId :
PB82927BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.2	25.8
125	12.1	7.0	10.4

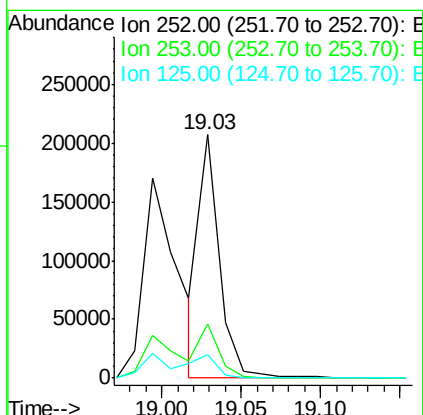
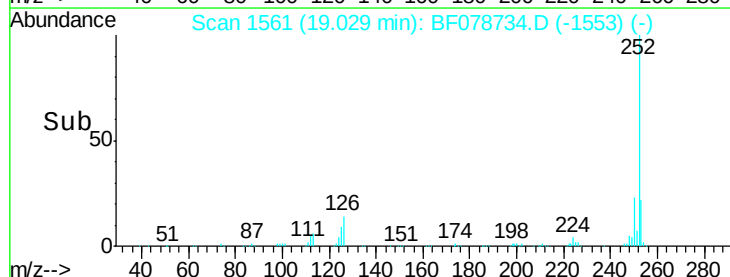
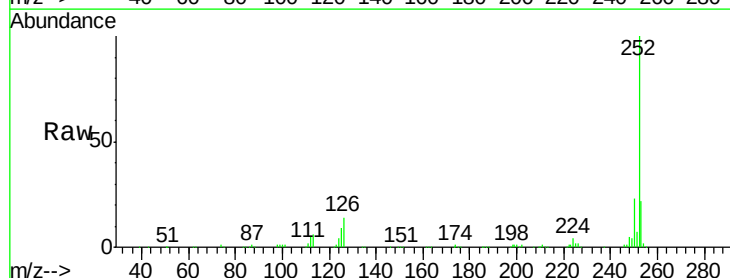
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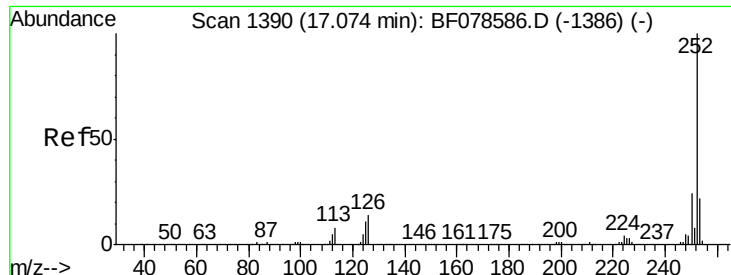
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#88
Benzo(k)fluoranthene
Concen: 30.47 ng m
RT: 19.03 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF078734.D
Acq: 23 Apr 2015 00:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	9.4	11.6	17.4





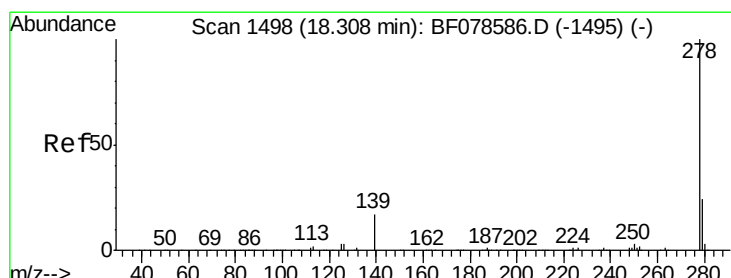
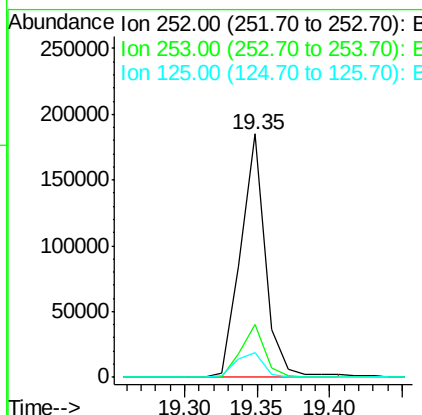
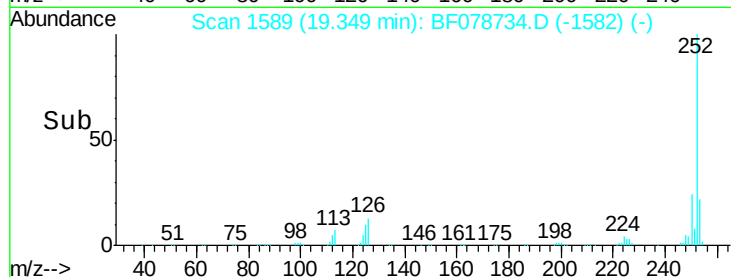
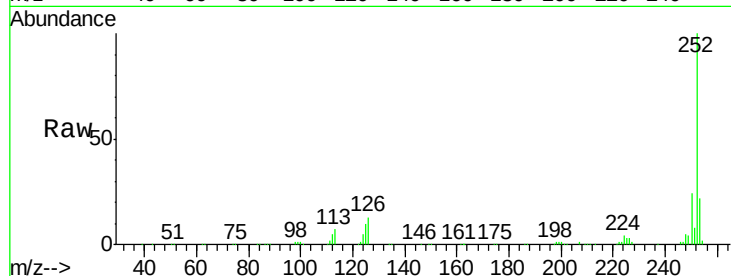
#89
Benzo(a)pyrene
Concen: 37.05 ng
RT: 19.35 min Scan# 1589
Delta R.T. -0.02 min
Lab File: BF078734.D
Acq: 23 Apr 2015 00:43

Instrument :
BNA_F
ClientSampleId :
PB82927BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	16.8	25.2
125	10.2	7.4	11.0

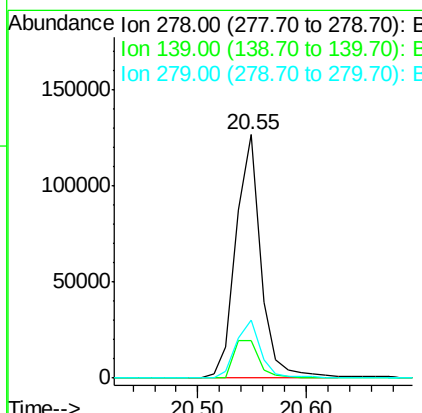
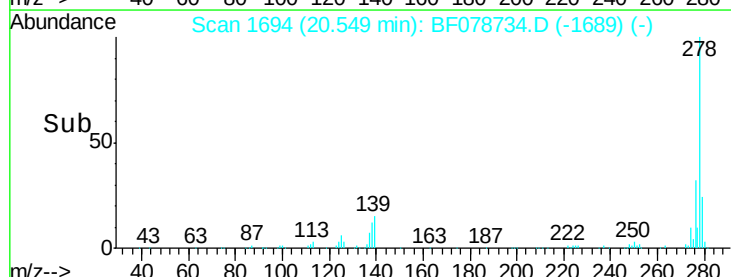
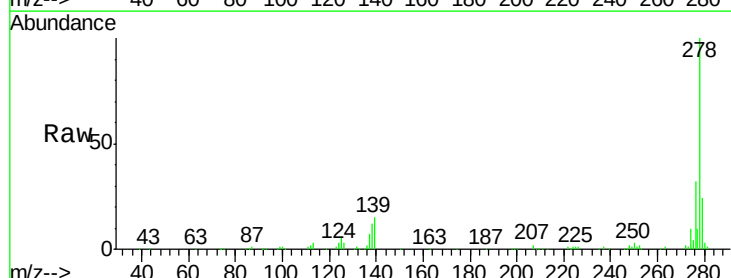
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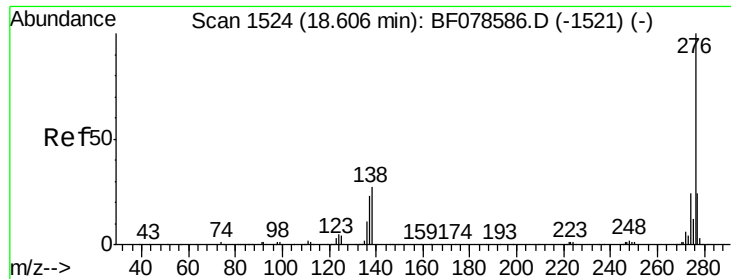
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#90
Dibenzo(a,h)anthracene
Concen: 33.87 ng
RT: 20.55 min Scan# 1694
Delta R.T. -0.05 min
Lab File: BF078734.D
Acq: 23 Apr 2015 00:43

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.4	13.6	20.4
279	23.9	19.0	28.6





#91
 Benzo(a,h,i)perylene
 Concen: 34.05 ng
 RT: 20.83 min Scan# 1719
 Delta R.T. -0.05 min
 Lab File: BF078734.D
 Acq: 23 Apr 2015 00:43

Instrument :
 BNA_F
 ClientSampleId :
 PB82927BS

Tot Ion:	276	Resp:	203069
Ion Ratio		Lower	Upper
276	100		
277	23.8	19.0	28.4
138	21.9	19.9	29.9

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