

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070816\
 Data File : BF088824.D
 Acq On : 8 Jul 2016 14:31
 Operator : UM/SJ
 Sample : PB91874BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91874BS

Manual Integrations
 APPROVED

UMANGI
 7/10/2016 12:33:46 AM

Quant Time: Jul 08 19:27:56 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 08 18:51:20 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	84831	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	350137	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	170123	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	327447	20.00	ng	0.00
75) Chrysene-d12	13.87	240	217422	20.00	ng	0.00
86) Perylene-d12	15.25	264	171252	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	603817	106.68	ng	0.01
7) Phenol-d6	6.38	99	797550	109.05	ng	0.00
23) Nitrobenzene-d5	7.30	82	547261	81.91	ng	0.00
41) 2,4,6-Tribromophenol	10.56	330	232042	146.88	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	885909	82.26	ng	0.00
78) Terphenyl-d14	12.82	244	846118	86.68	ng	0.00

Target Compounds

						Qvalue
3) Pyridine	2.99	79	212041	26.04	ng	92
4) n-Nitrosodimethylamine	2.96	42	100821	32.41	ng	88
6) Aniline	6.40	93	267815	25.13	ng	# 85
8) 2-Chlorophenol	6.52	128	235151	38.65	ng	81
9) Benzaldehyde	6.27	77	149306	30.14	ng	89
10) Phenol	6.39	94	233461	27.97	ng	# 43
11) bis(2-Chloroethyl)ether	6.48	93	249743	40.12	ng	# 82
12) 1,3-Dichlorobenzene	6.67	146	257502	38.47	ng	97
13) 1,4-Dichlorobenzene	6.75	146	258610	38.92	ng	98
14) 1,2-Dichlorobenzene	6.90	146	238032m	38.27	ng	
15) Benzyl Alcohol	6.88	79	207273	38.51	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.02	45	277368	30.77	ng	89
17) 2-Methylphenol	7.00	107	213451	43.01	ng	98
18) Hexachloroethane	7.24	117	98394	38.28	ng	# 88
19) n-Nitroso-di-n-propylamine	7.15	70	173926	35.40	ng	92
20) 3+4-Methylphenols	7.15	107	236492	39.70	ng	92
22) Acetophenone	7.14	105	348868	41.05	ng	# 91
24) Nitrobenzene	7.31	77	248795	36.93	ng	# 81
25) Isophorone	7.56	82	492639	39.80	ng	98
26) 2-Nitrophenol	7.63	139	118095	42.75	ng	97
27) 2,4-Dimethylphenol	7.68	122	214549	37.29	ng	86
28) bis(2-Chloroethoxy)methane	7.78	93	315582	39.18	ng	98
29) 2,4-Dichlorophenol	7.88	162	198020	42.58	ng	91
30) 1,2,4-Trichlorobenzene	7.96	180	218104	42.74	ng	98
31) Naphthalene	8.04	128	721688	41.81	ng	98
32) Benzoic acid	7.82	122	139395	33.37	ng	92
33) 4-Chloroaniline	8.09	127	178027	23.18	ng	98
34) Hexachlorobutadiene	8.16	225	111807	40.92	ng	99
35) Caprolactam	8.47	113	77850m	49.30	ng	
36) 4-Chloro-3-methylphenol	8.58	107	241710	43.96	ng	94
37) 2-Methylnaphthalene	8.73	142	468929	42.19	ng	# 94
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	204670	36.17	ng	# 1
40) Hexachlorocyclopentadiene	8.89	237	203406	73.24	ng	99
42) 2,4,6-Trichlorophenol	9.02	196	143744	38.53	ng	98

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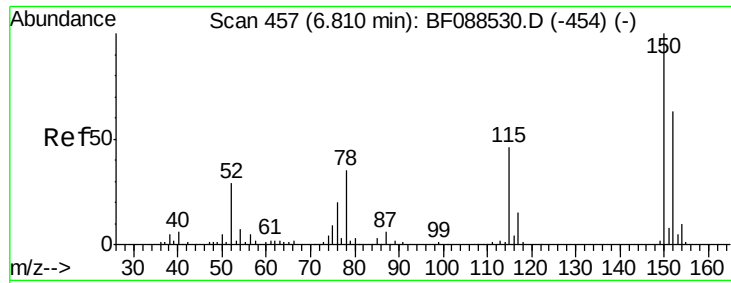
Manual Integrations
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.05	196	143890	44.83	ng	# 90
45) 1,1'-Biphenyl	9.20	154	589649	41.86	ng	96
46) 2-Chloronaphthalene	9.22	162	447256	40.44	ng	94
47) 2-Nitroaniline	9.31	65	150794	38.42	ng	98
48) Acenaphthylene	9.63	152	753401	42.81	ng	99
49) Dimethylphthalate	9.51	163	561445	46.32	ng	99
50) 2,6-Dinitrotoluene	9.56	165	120489	44.85	ng	# 87
51) Acenaphthene	9.80	154	522801m	48.47	ng	
52) 3-Nitroaniline	9.72	138	91950	26.93	ng	96
53) 2,4-Dinitrophenol	9.84	184	128032	107.95	ng	# 74
54) Dibenzofuran	9.98	168	650526	46.08	ng	# 91
55) 4-Nitrophenol	9.90	139	166906	64.32	ng	92
56) 2,4-Dinitrotoluene	9.96	165	174057	49.56	ng	# 71
57) Fluorene	10.32	166	504902	46.41	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.09	232	113812	45.83	ng	# 49
59) Diethylphthalate	10.20	149	563506	46.33	ng	98
60) 4-Chlorophenyl-phenylether	10.31	204	200062	39.58	ng	90
61) 4-Nitroaniline	10.34	138	136943	41.67	ng	91
62) Azobenzene	10.47	77	592362	42.69	ng	95
64) 4,6-Dinitro-2-methylphenol	10.36	198	73683	42.07	ng	86
65) n-Nitrosodiphenylamine	10.43	169	471877	42.58	ng	99
66) 4-Bromophenyl-phenylether	10.80	248	147355	44.66	ng	97
67) Hexachlorobenzene	10.86	284	138171	37.83	ng	91
68) Atrazine	10.96	200	125455	36.33	ng	91
69) Pentachlorophenol	11.05	266	153698	71.10	ng	97
70) Phenanthrene	11.27	178	682185	38.11	ng	99
71) Anthracene	11.33	178	778906	43.76	ng	99
72) Carbazole	11.47	167	612215	36.55	ng	99
73) Di-n-butylphthalate	11.82	149	862984	44.29	ng	99
74) Fluoranthene	12.45	202	681638	37.56	ng	97
76) Benzidine	12.57	184	328432	29.89	ng	98
77) Pyrene	12.67	202	689350	37.39	ng	100
79) Butylbenzylphthalate	13.30	149	327159	39.79	ng	# 78
80) Benzo(a)anthracene	13.86	228	581544	41.54	ng	99
81) 3,3'-Dichlorobenzidine	13.83	252	132855	25.24	ng	98
82) Chrysene	13.90	228	577103	41.66	ng	98
83) Bis(2-ethylhexyl)phthalate	13.86	149	404163	43.05	ng	97
84) Di-n-octyl phthalate	14.47	149	689769	43.25	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.55	276	448353	42.07	ng	# 100
87) Benzo(b)fluoranthene	14.87	252	557487m	51.89	ng	
88) Benzo(k)fluoranthene	14.89	252	372611m	39.84	ng	
89) Benzo(a)pyrene	15.19	252	424447	46.67	ng	98
90) Dibenzo(a,h)anthracene	16.57	278	370341	48.76	ng	# 93
91) Benzo(g,h,i)perylene	16.94	276	376698	47.93	ng	98

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



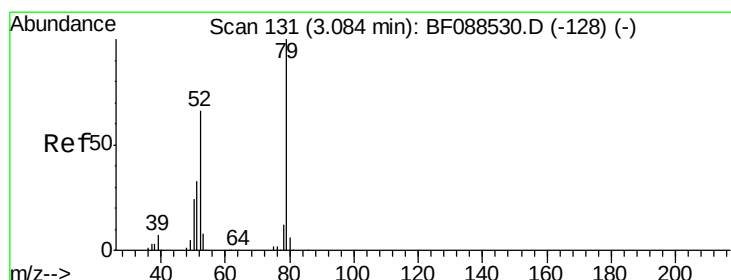
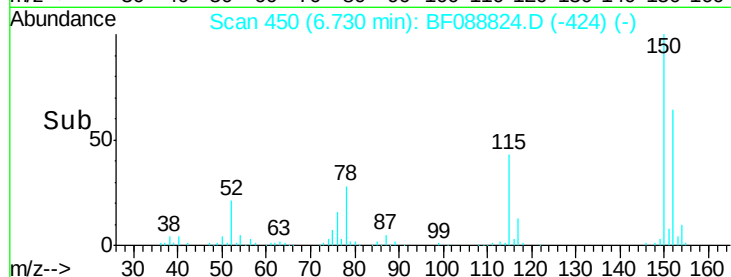
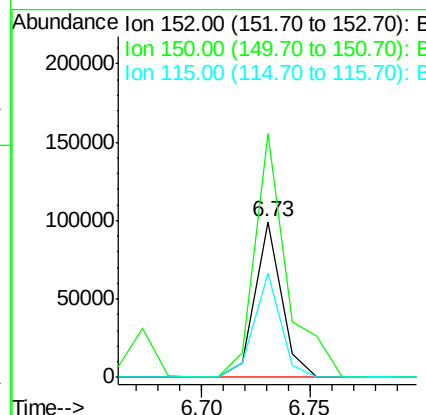
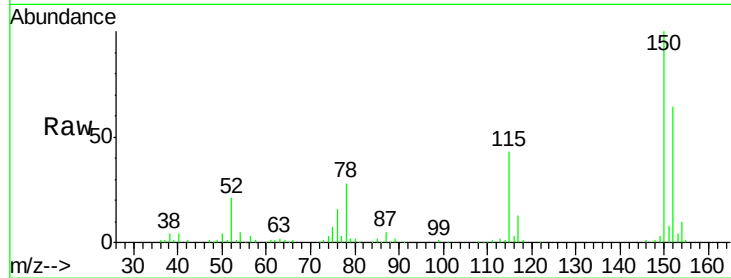
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.73 min Scan# 450
 Delta R.T. 0.00 min
 Lab File: BF088824.D
 Acq: 8 Jul 2016 14:31

Instrument :
 BNA_F
 ClientSampleId :
 PB91874BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.5	123.8	185.6
115	66.7	39.6	59.4

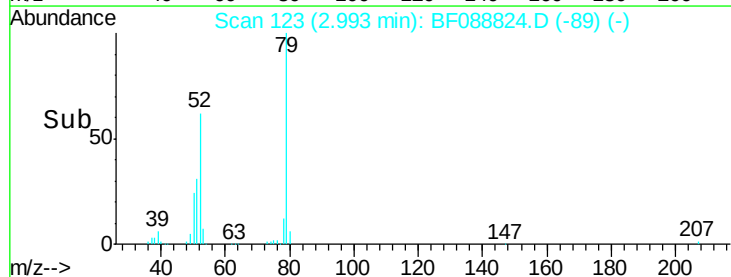
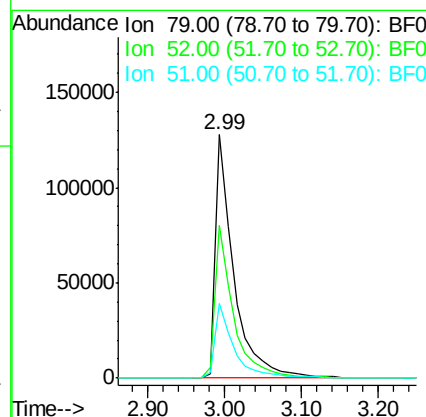
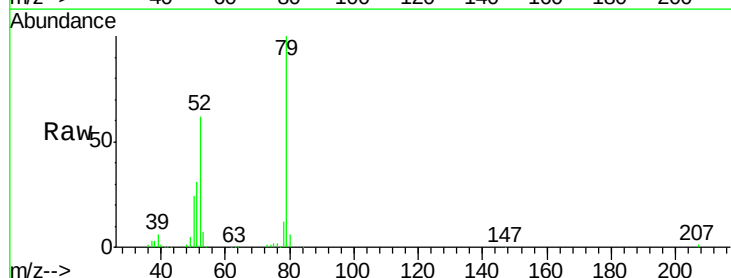
Manual Integrations
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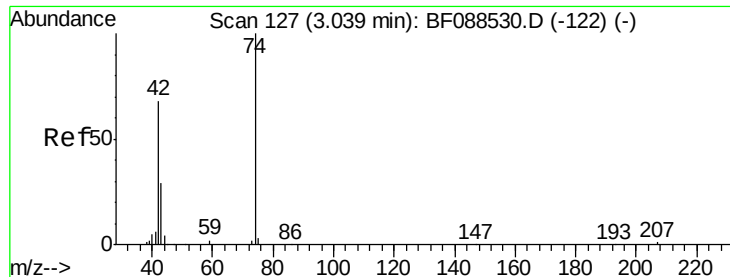
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#3
 Pyridine
 Concen: 26.04 ng
 RT: 2.99 min Scan# 123
 Delta R.T. 0.09 min
 Lab File: BF088824.D
 Acq: 8 Jul 2016 14:31

Tgt Ion	Ratio	Lower	Upper
79	100		
52	62.5	56.3	84.5
51	30.9	27.4	41.2





#4

n-Nitrosodimethylamine

Concen: 32.41 ng

RT: 2.96 min Scan# 120

Delta R.T. 0.09 min

Lab File: BF088824.D

Acq: 8 Jul 2016 14:31

Instrument :

BNA_F

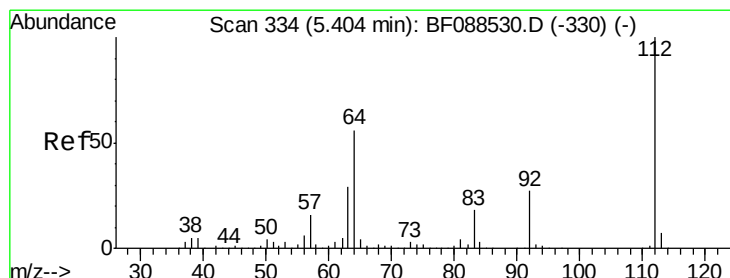
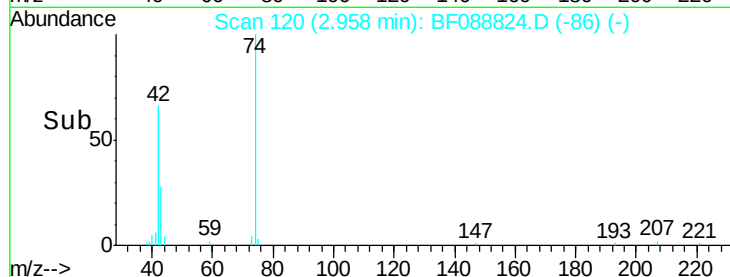
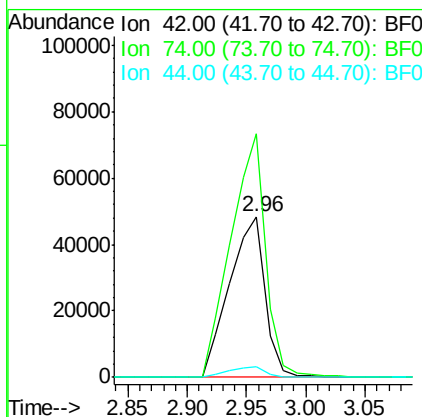
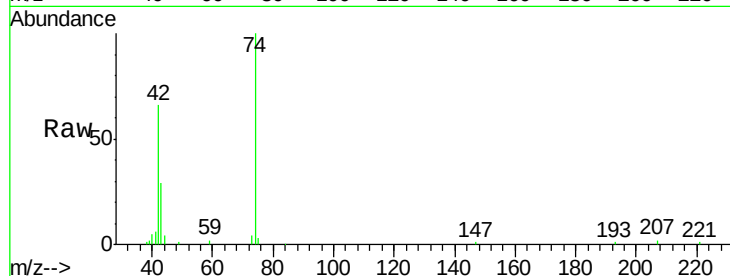
ClientSampleId :

PB91874BS

Tgt Ion	Ratio	Lower	Upper
42	100		
74	151.2	108.6	163.0
44	6.5	5.5	8.3

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#5

2-Fluorophenol

Concen: 106.68 ng

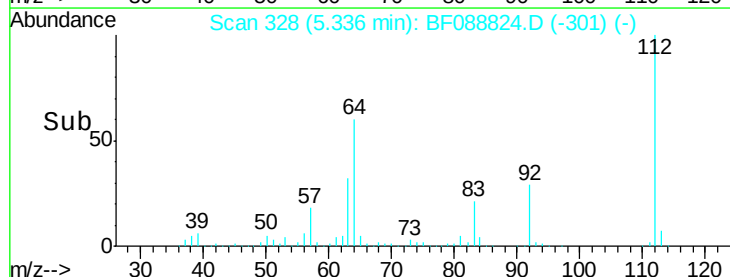
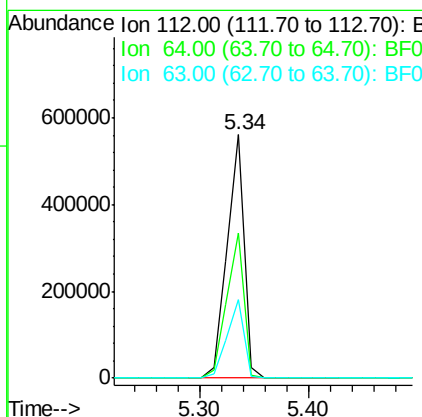
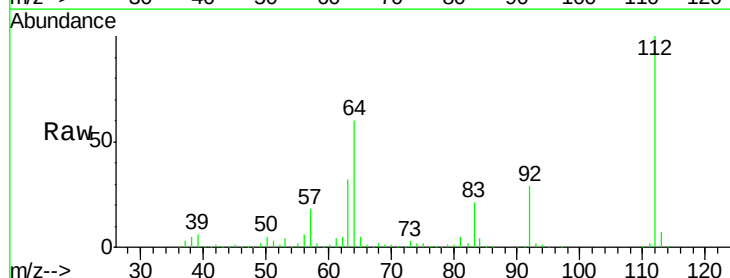
RT: 5.34 min Scan# 328

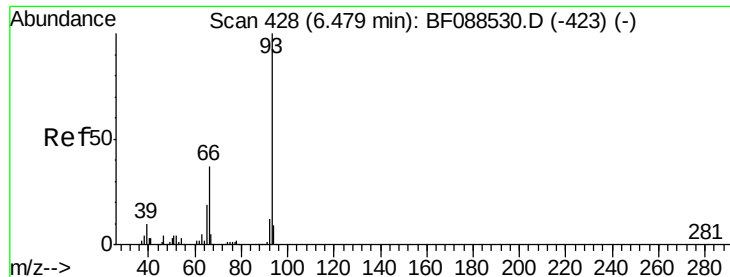
Delta R.T. 0.01 min

Lab File: BF088824.D

Acq: 8 Jul 2016 14:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.7	42.2	63.2
63	32.0	21.8	32.8





#6

Aniline

Concen: 25.13 ng

RT: 6.40 min Scan# 421

Delta R.T. 0.00 min

Lab File: BF088824.D

Acq: 8 Jul 2016 14:31

Instrument :

BNA_F

ClientSampleId :

PB91874BS

Tgt Ion: 93 Resp: 267815

Ion Ratio Lower Upper

93 100

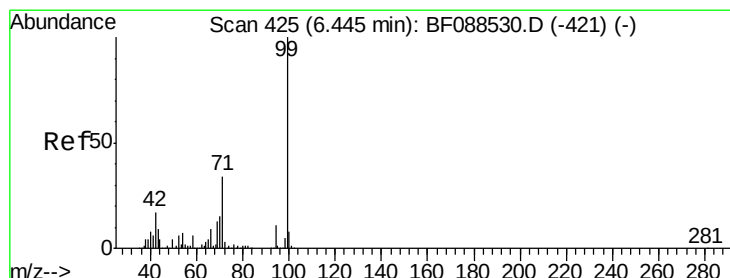
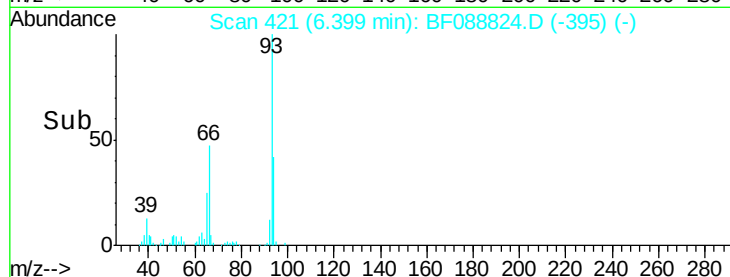
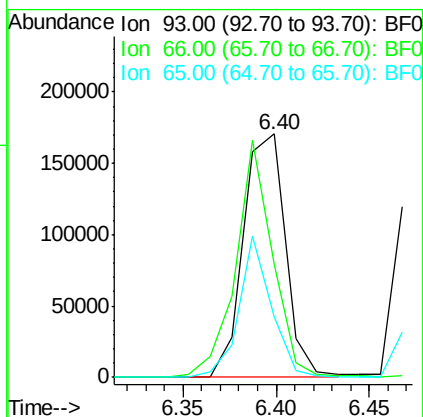
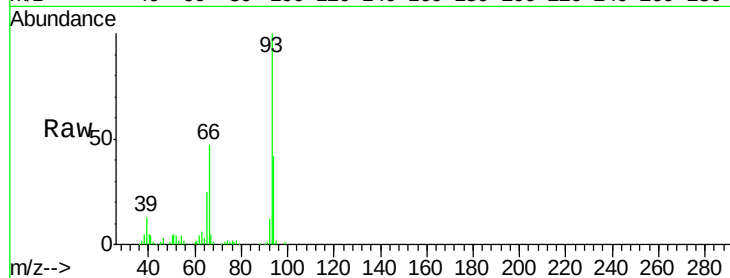
66 46.5 29.8 44.8#

65 24.9 14.9 22.3#

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#7

Phenol-d6

Concen: 109.05 ng

RT: 6.38 min Scan# 419

Delta R.T. 0.00 min

Lab File: BF088824.D

Acq: 8 Jul 2016 14:31

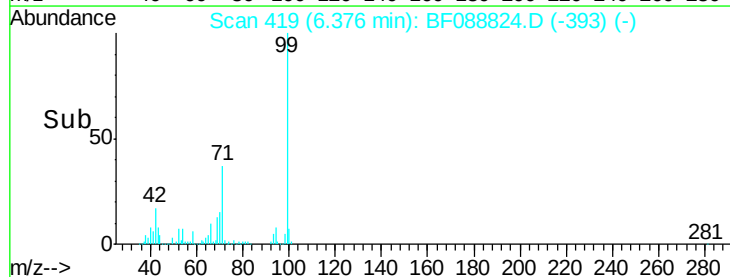
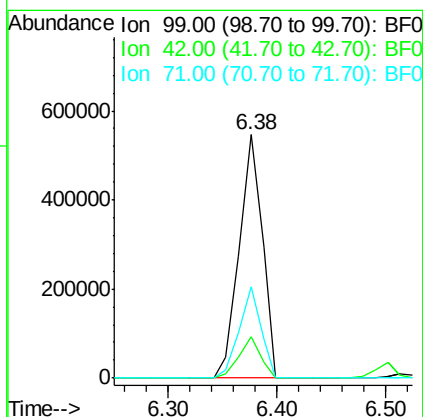
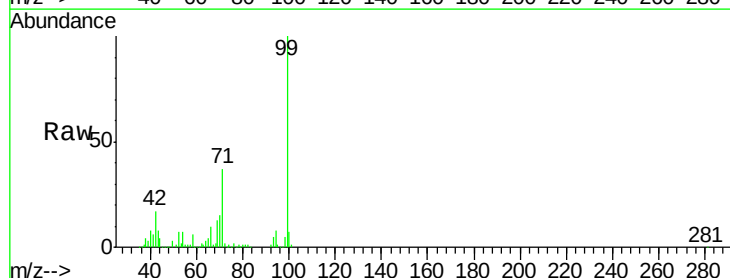
Tgt Ion: 99 Resp: 797550

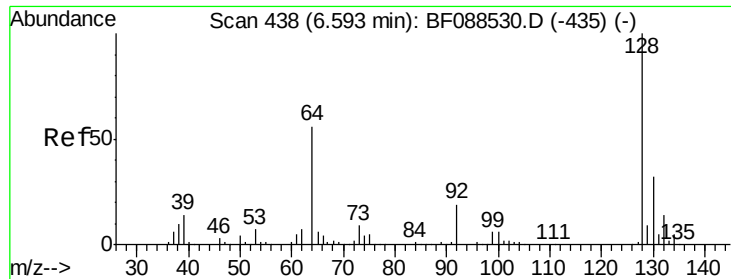
Ion Ratio Lower Upper

99 100

42 17.0 12.2 18.2

71 37.3 23.4 35.0#





#8

2-Chlorophenol

Concen: 38.65 ng

RT: 6.52 min Scan# 432

Delta R.T. 0.01 min

Lab File: BF088824.D

Acq: 8 Jul 2016 14:31

Instrument :

BNA_F

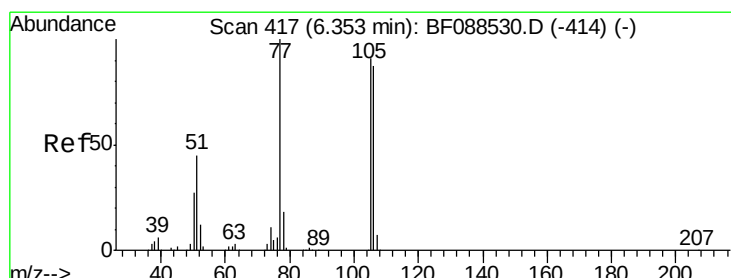
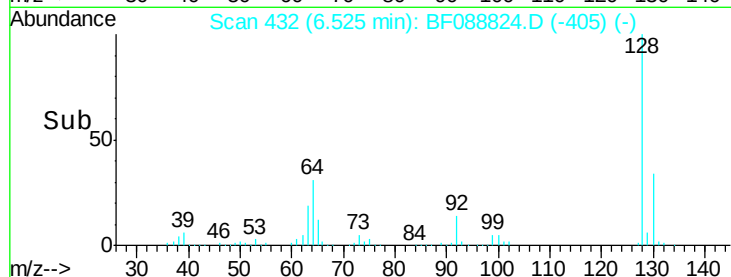
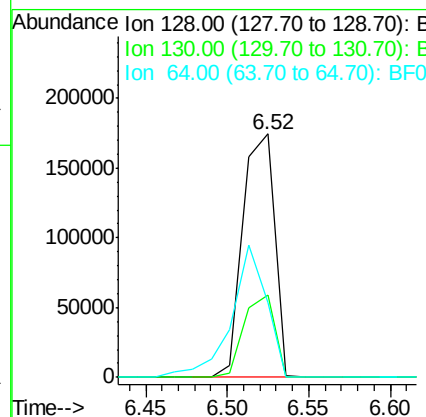
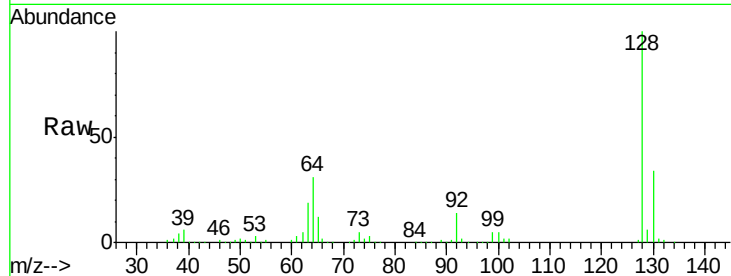
ClientSampleId :

PB91874BS

Tgt Ion:	128	Resp:	235151
Ion Ratio	Lower	Upper	
128	100		
130	33.7	12.0	52.0
64	30.9	30.8	70.8

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#9

Benzaldehyde

Concen: 30.14 ng

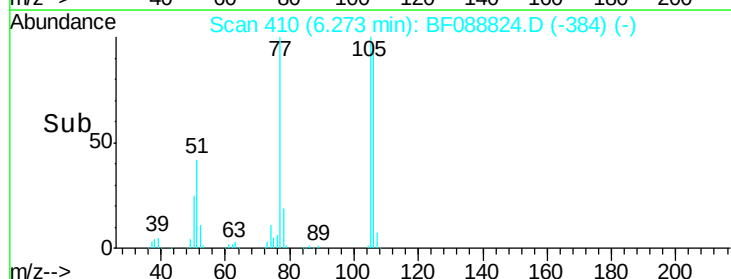
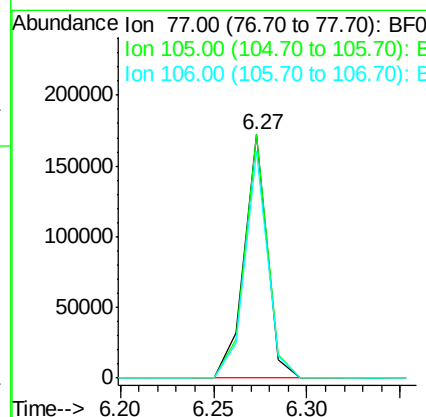
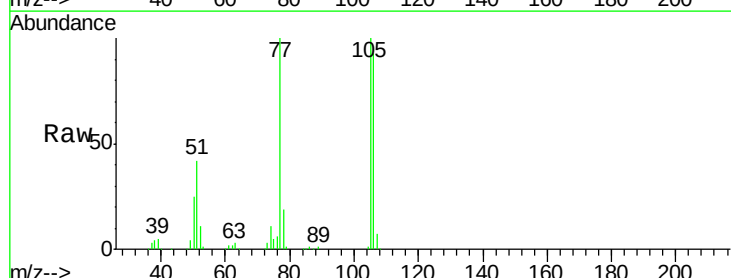
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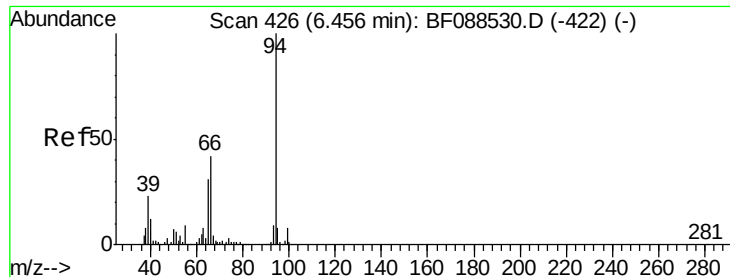
Delta R.T. 0.00 min

Lab File: BF088824.D

Acq: 8 Jul 2016 14:31

Tgt Ion:	77	Resp:	149306
Ion Ratio	Lower	Upper	
77	100		
105	99.9	90.6	130.6
106	93.2	85.3	125.3





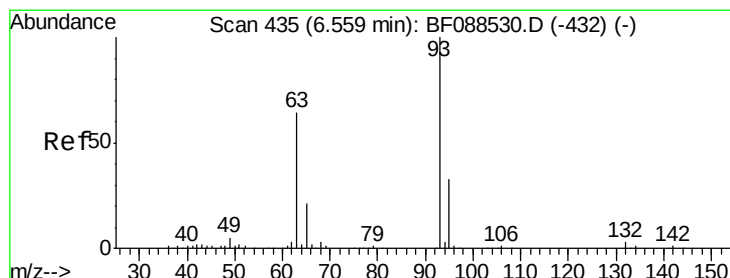
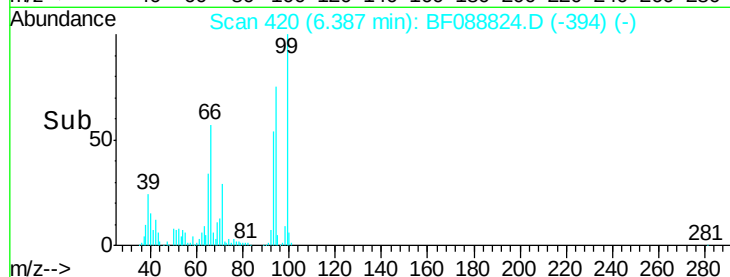
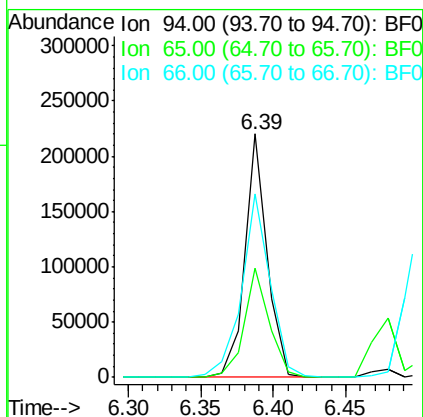
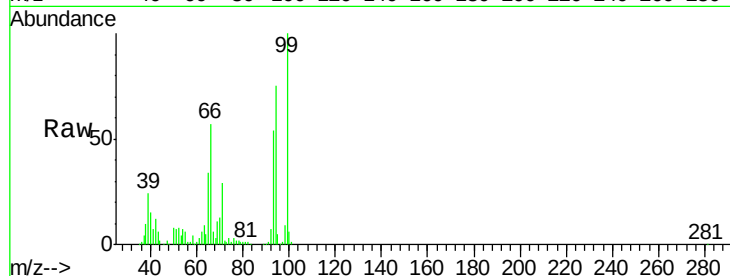
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Phenol
Concen: 27.97 ng
RT: 6.39 min Scan# 420
Delta R.T. 0.00 min
Lab File: BF088824.D
Acq: 8 Jul 2016 14:31

Instrument :
BNA_F
ClientSampleId :
PB91874BS

Tgt Ion	Ratio	Resp	Lower	Upper
94	100	233461		
65	44.8	5.9	45.9	
66	75.6	14.0	54.0#	

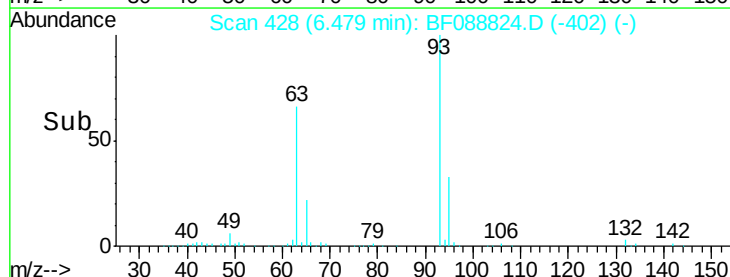
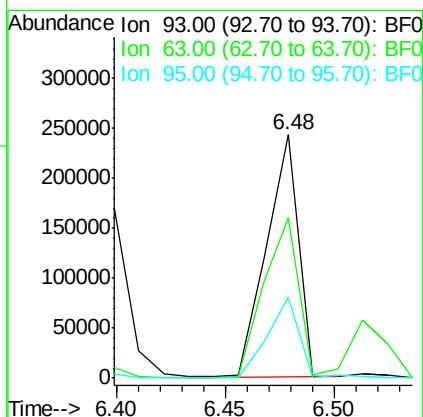
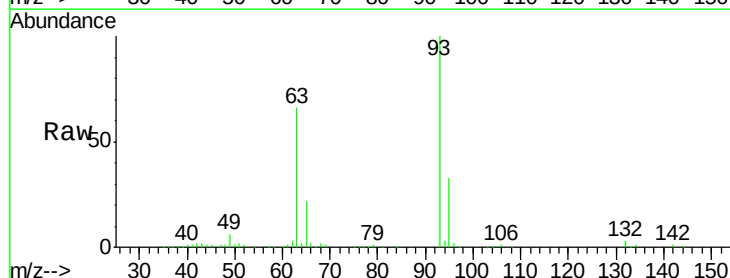
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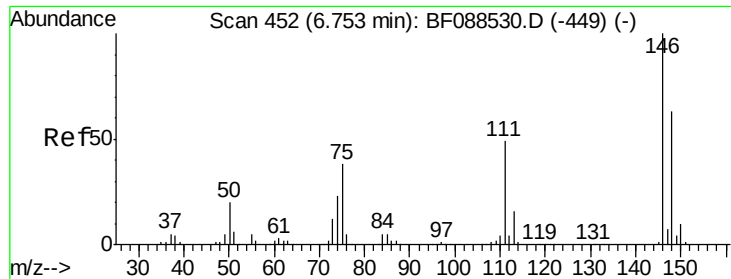
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#11
bis(2-Chloroethyl)ether
Concen: 40.12 ng
RT: 6.48 min Scan# 428
Delta R.T. 0.00 min
Lab File: BF088824.D
Acq: 8 Jul 2016 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	249743		
63	65.7	67.6	107.6#	
95	33.1	12.5	52.5	





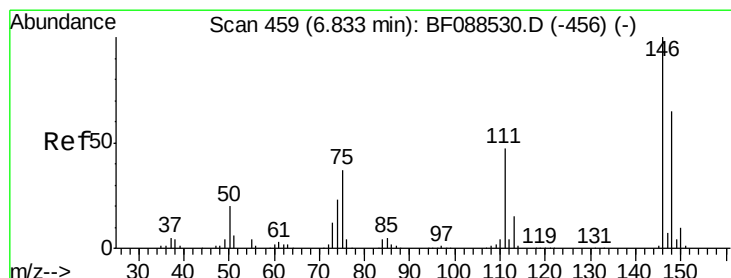
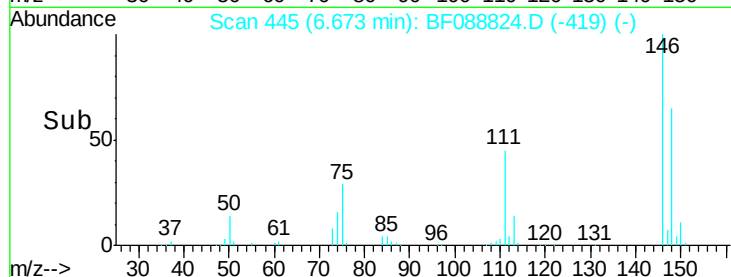
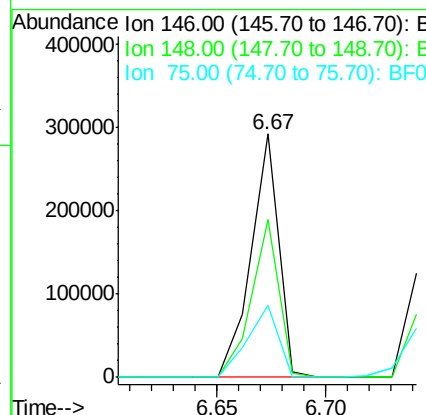
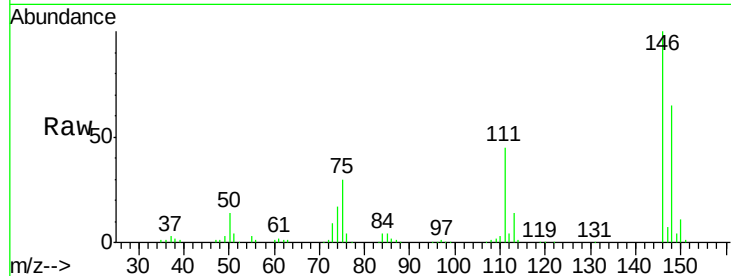
#12
 1,3-Dichlorobenzene
 Concen: 38.47 ng
 RT: 6.67 min Scan# 445
 Delta R.T. 0.00 min
 Lab File: BF088824.D
 Acq: 8 Jul 2016 14:31

Instrument :
 BNA_F
 ClientSampleId :
 PB91874BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	50.9	76.3
75	29.8	25.6	38.4

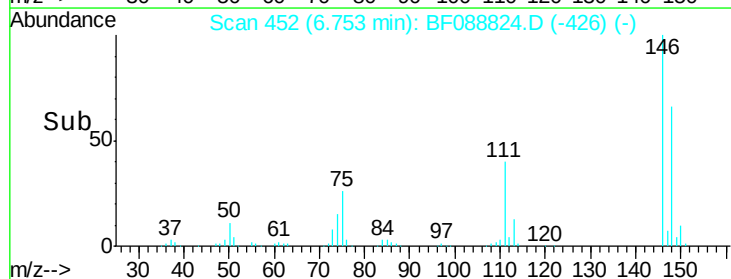
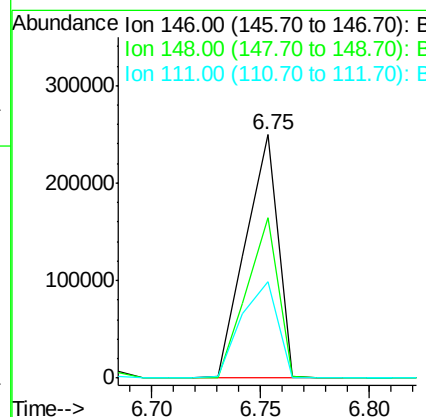
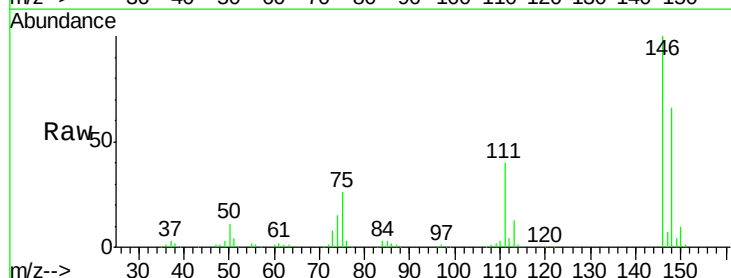
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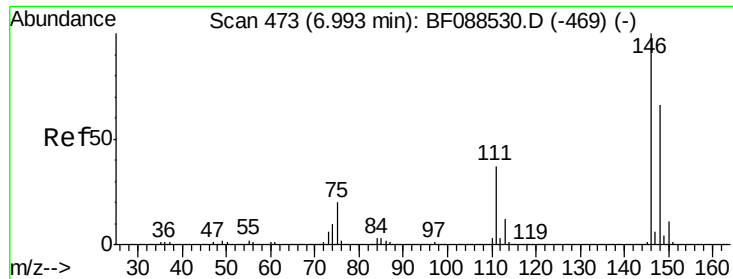
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#13
 1,4-Dichlorobenzene
 Concen: 38.92 ng
 RT: 6.75 min Scan# 452
 Delta R.T. 0.00 min
 Lab File: BF088824.D
 Acq: 8 Jul 2016 14:31

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.6	52.0	78.0
111	39.6	33.8	50.8





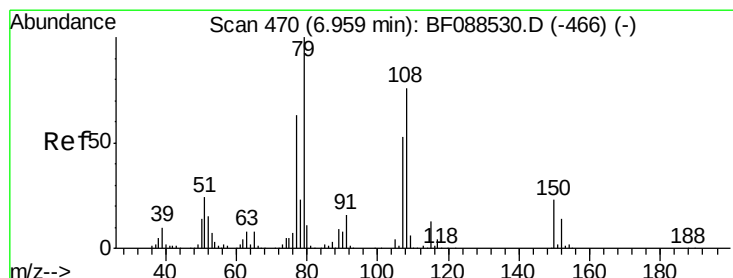
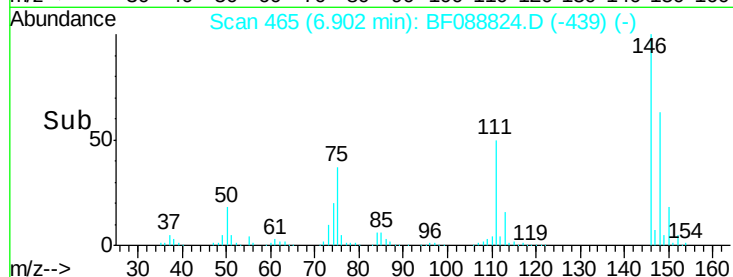
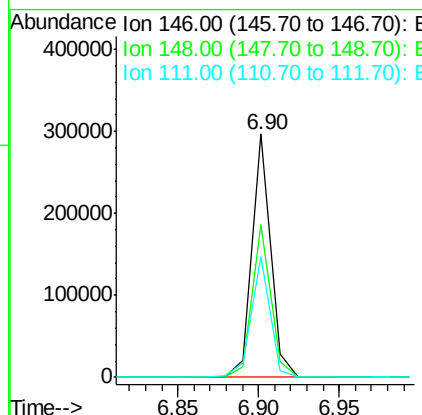
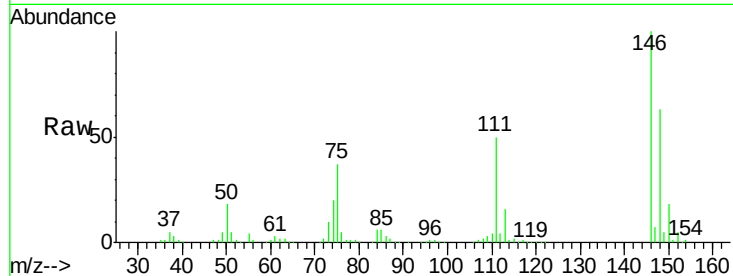
#14
1,2-Dichlorobenzene
Concen: 38.27 ng m
RT: 6.90 min Scan# 465
Delta R.T. 0.00 min
Lab File: BF088824.D
Acq: 8 Jul 2016 14:31

Instrument :
BNA_F
ClientSampleId :
PB91874BS

Tgt Ion: 146 Resp: 238032
Ion Ratio Lower Upper
146 100
148 62.7 52.3 78.5
111 49.8 28.7 43.1#

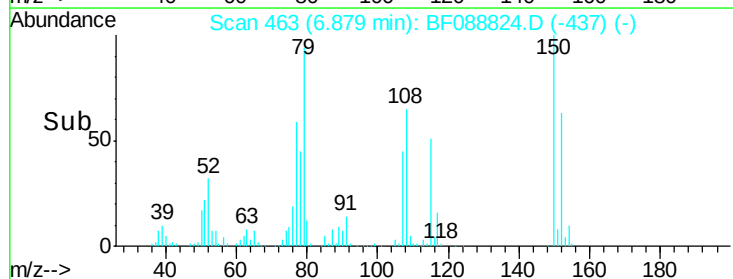
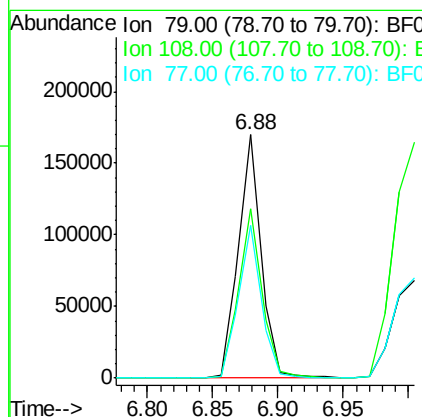
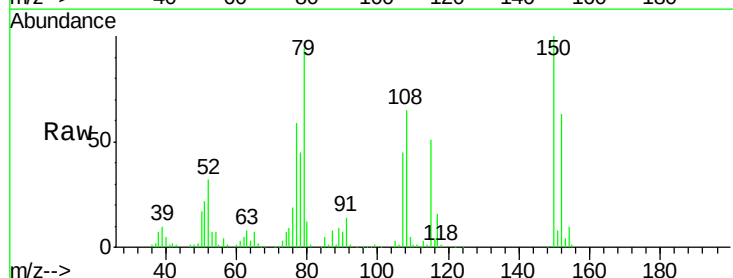
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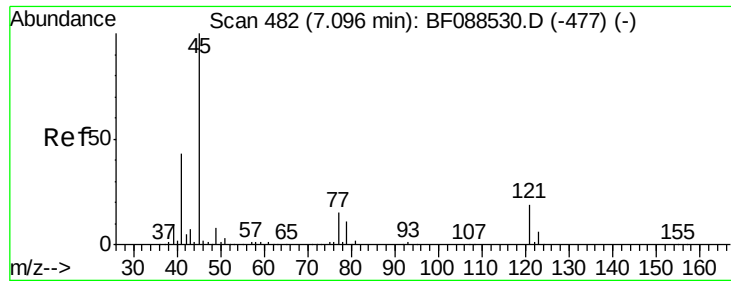
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#15
Benzyl Alcohol
Concen: 38.51 ng
RT: 6.88 min Scan# 463
Delta R.T. 0.00 min
Lab File: BF088824.D
Acq: 8 Jul 2016 14:31

Tgt Ion: 79 Resp: 207273
Ion Ratio Lower Upper
79 100
108 69.3 65.0 97.6
77 62.6 50.3 75.5





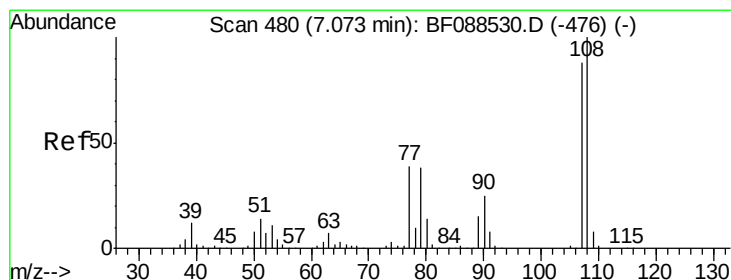
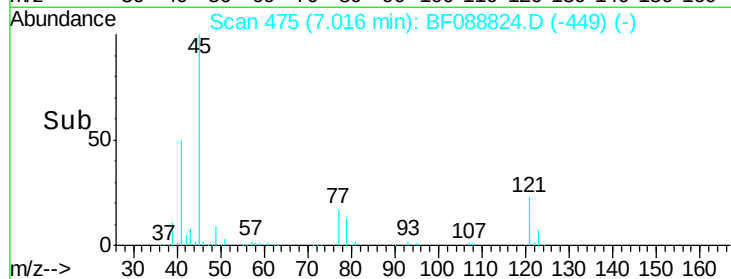
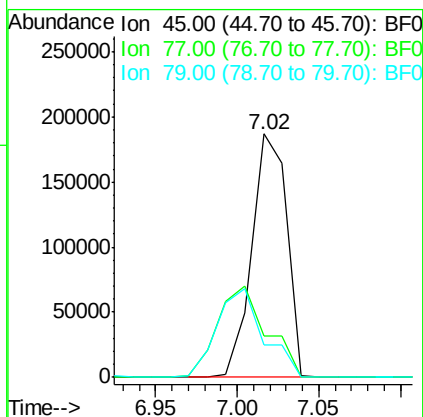
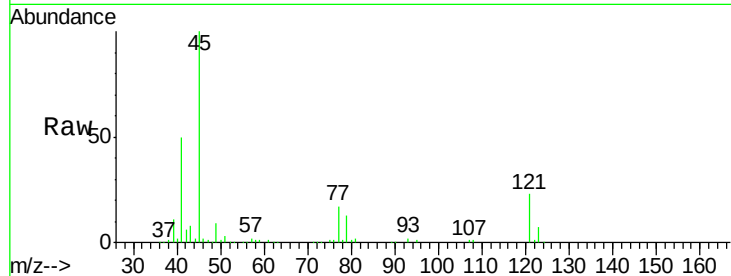
#16
2,2'-oxybis(1-Chloropropane)
Concen: 30.77 ng
RT: 7.02 min Scan# 475
Delta R.T. 0.00 min
Lab File: BF088824.D
Acq: 8 Jul 2016 14:31

Instrument :
BNA_F
ClientSampled :
PB91874BS

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	277368		
77	16.9	0.0	32.5	
79	13.2	0.0	29.5	

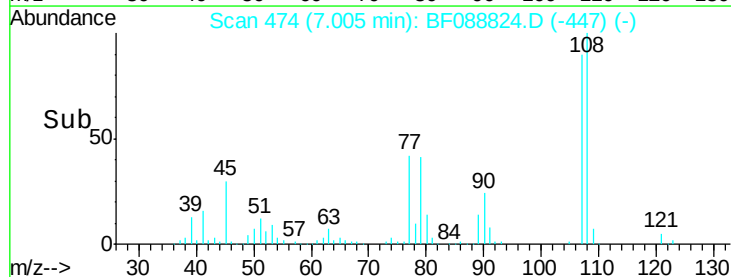
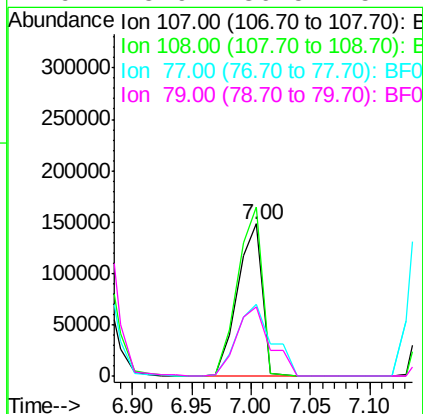
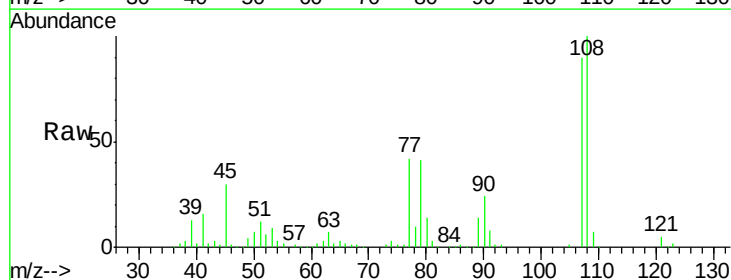
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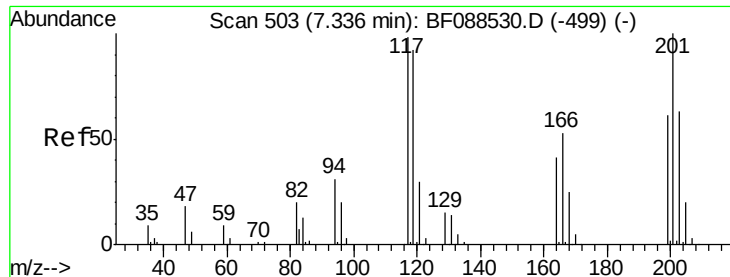
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#17
2-Methylphenol
Concen: 43.01 ng
RT: 7.00 min Scan# 474
Delta R.T. 0.01 min
Lab File: BF088824.D
Acq: 8 Jul 2016 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	213451		
108	111.0	90.9	136.3	
77	47.1	36.6	55.0	
79	45.9	36.5	54.7	





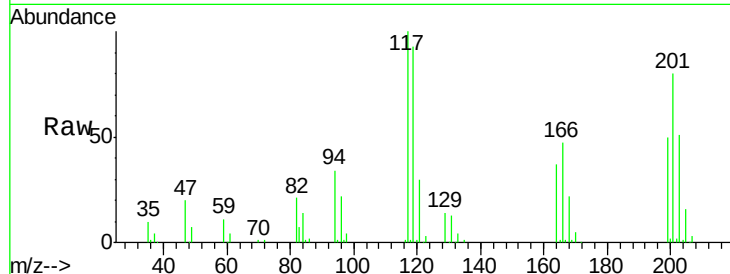
#18
Hexachloroethane
Concen: 38.28 ng
RT: 7.24 min Scan# 495
Delta R.T. 0.00 min
Lab File: BF088824.D
Acq: 8 Jul 2016 14:31

Instrument :
BNA_F
ClientSampleId :
PB91874BS

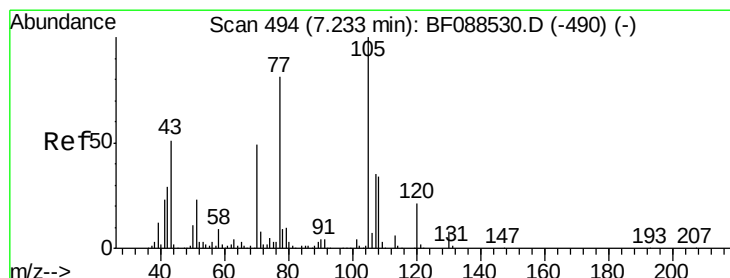
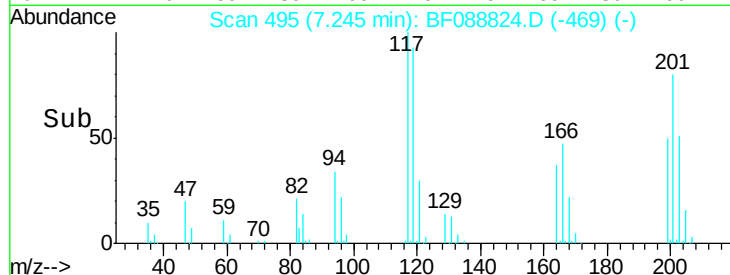
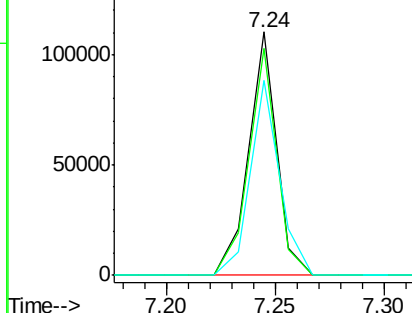
Tgt Ion: 117 Resp: 98394
Ion Ratio Lower Upper
117 100
119 93.3 77.4 116.2
201 80.3 80.4 120.6#

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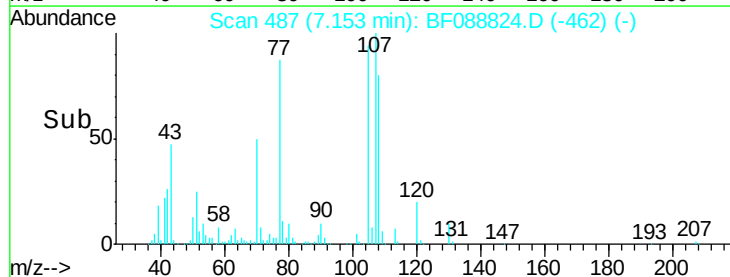
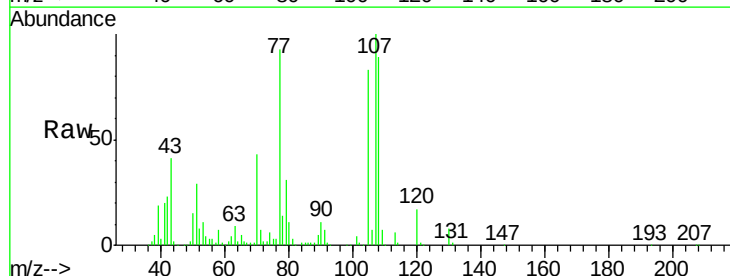
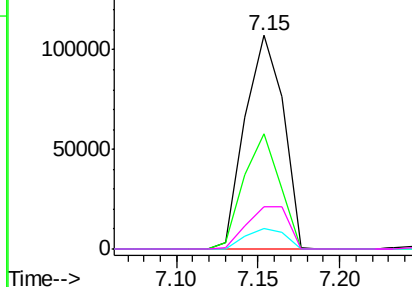
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

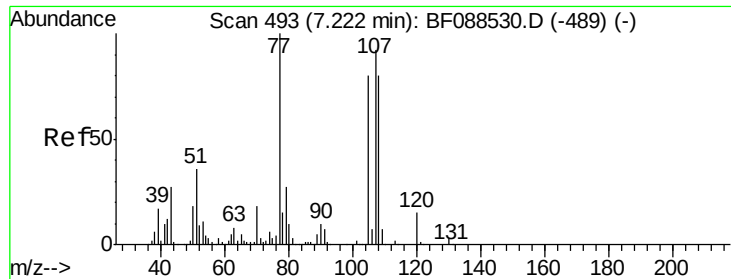


#19
n-Nitroso-di-n-propylamine
Concen: 35.40 ng
RT: 7.15 min Scan# 487
Delta R.T. -0.01 min
Lab File: BF088824.D
Acq: 8 Jul 2016 14:31

Tgt Ion: 70 Resp: 173926
Ion Ratio Lower Upper
70 100
42 53.8 49.6 74.4
101 9.5 7.1 10.7
130 19.6 15.4 23.2

Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E





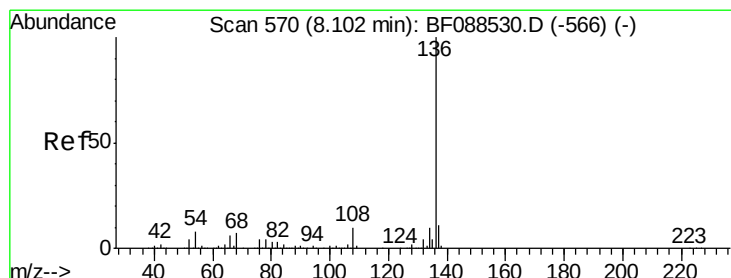
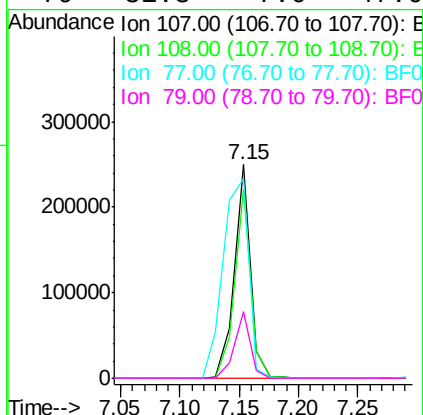
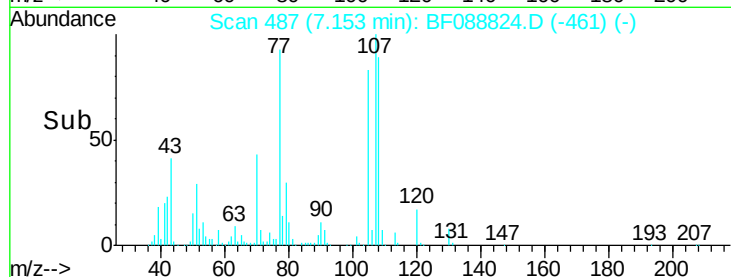
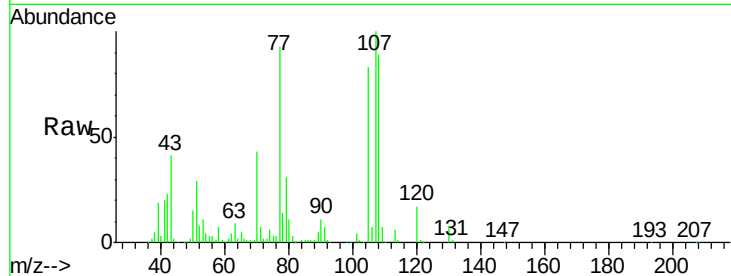
#20
3+4-Methylphenols
Concen: 39.70 ng
RT: 7.15 min Scan# 487
Delta R.T. 0.00 min
Lab File: BF088824.D
Acq: 8 Jul 2016 14:31

Instrument :
BNA_F
ClientSampleId :
PB91874BS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	236492		
108	88.8	67.8	107.8	
77	93.4	59.3	99.3	
79	31.3	7.0	47.0	

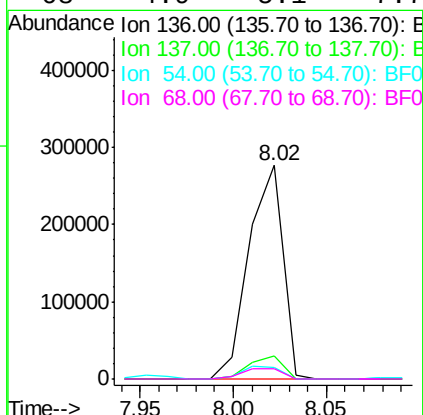
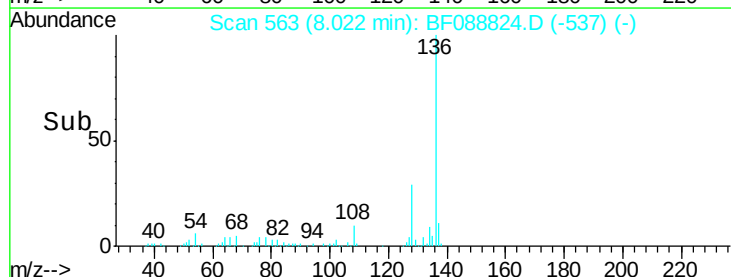
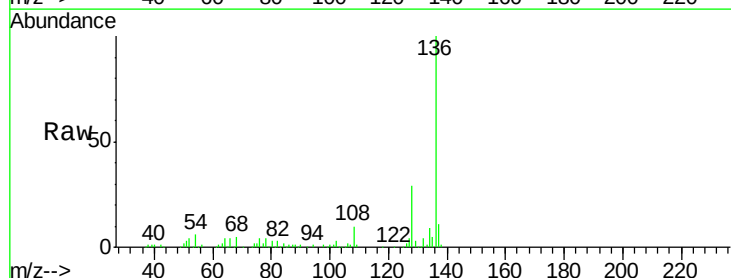
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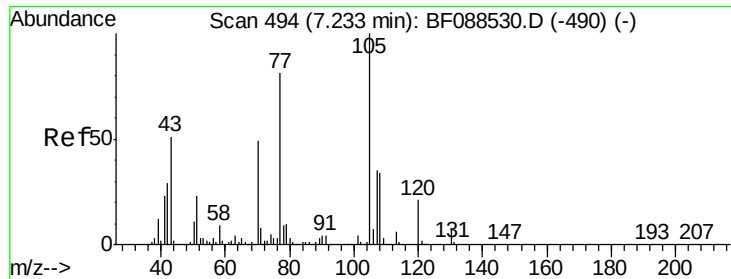
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 563
Delta R.T. 0.00 min
Lab File: BF088824.D
Acq: 8 Jul 2016 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	350137		
137	10.5	9.1	13.7	
54	5.6	6.6	10.0#	
68	4.9	5.1	7.7#	





#22

Acetophenone

Concen: 41.05 ng

RT: 7.14 min Scan# 486

Delta R.T. -0.01 min

Lab File: BF088824.D

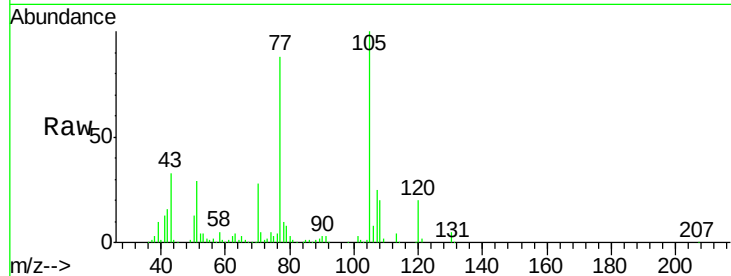
Acq: 8 Jul 2016 14:31

Instrument :

BNA_F

ClientSampleId :

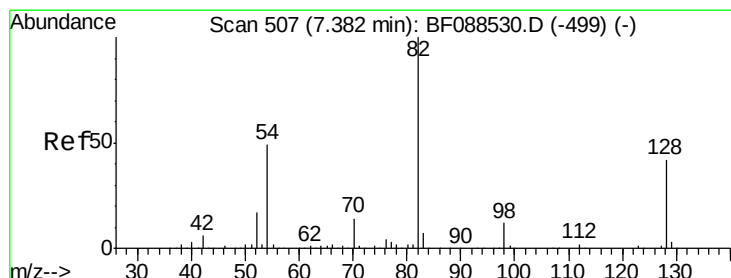
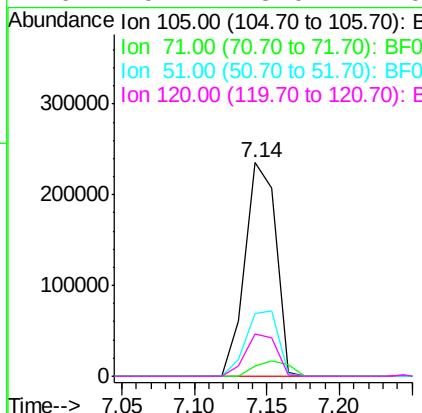
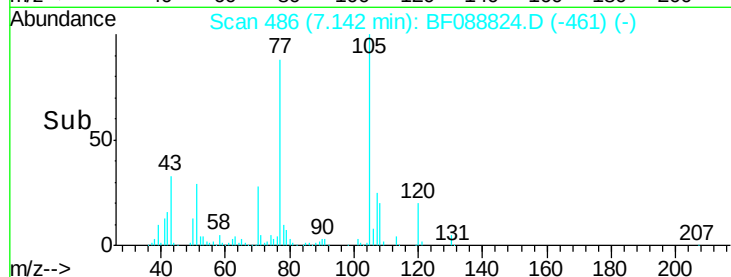
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Tgt Ion	Ratio	Resp	Lower	Upper
105	100	348868		
71	4.6	5.3	7.9#	
51	29.1	18.2	27.4#	
120	19.7	18.0	27.0	

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#23

Nitrobenzene-d5

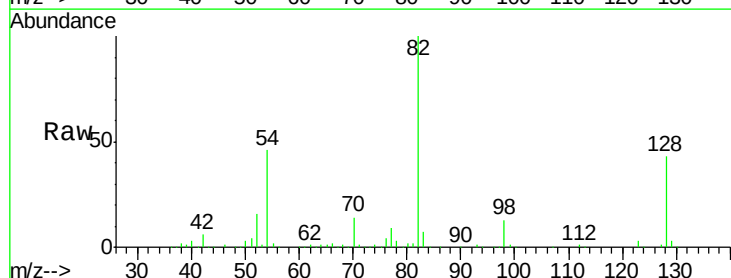
Concen: 81.91 ng

RT: 7.30 min Scan# 500

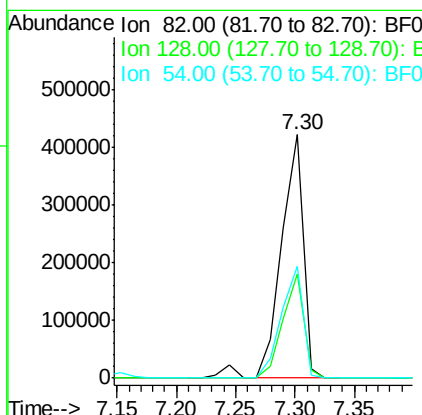
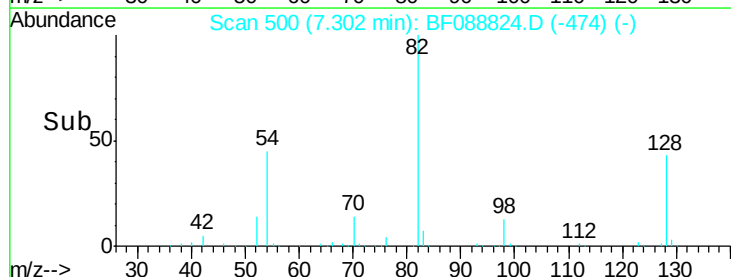
Delta R.T. 0.00 min

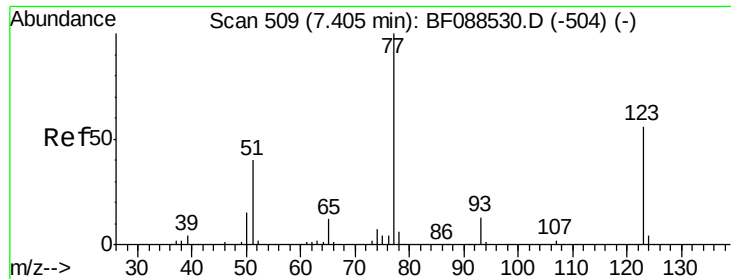
Lab File: BF088824.D

Acq: 8 Jul 2016 14:31



Tgt Ion	Ratio	Resp	Lower	Upper
82	100	547261		
128	43.0	35.9	53.9	
54	45.8	40.9	61.3	





#24

Nitrobenzene

Concen: 36.93 ng

RT: 7.31 min Scan# 501

Delta R.T. -0.01 min

Lab File: BF088824.D

Acq: 8 Jul 2016 14:31

Instrument :

BNA_F

ClientSampled :

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Tgt Ion: 77 Resp: 248795
Ion Ratio Lower Upper

77 100

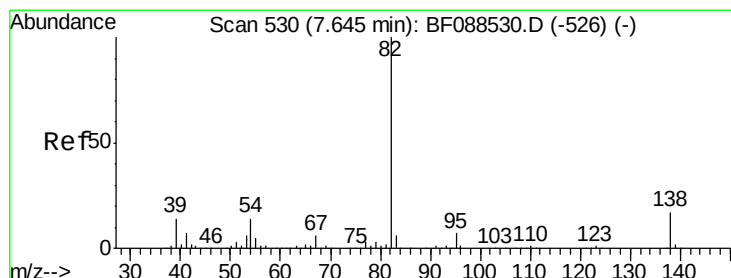
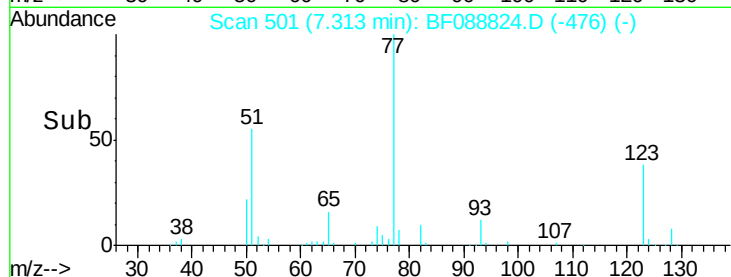
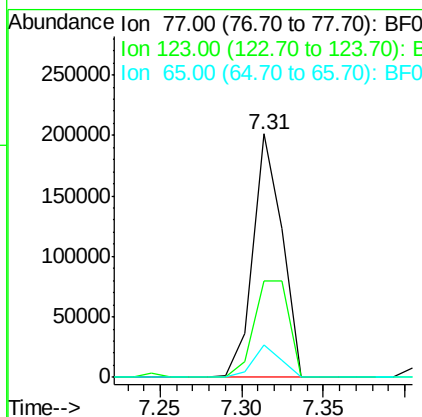
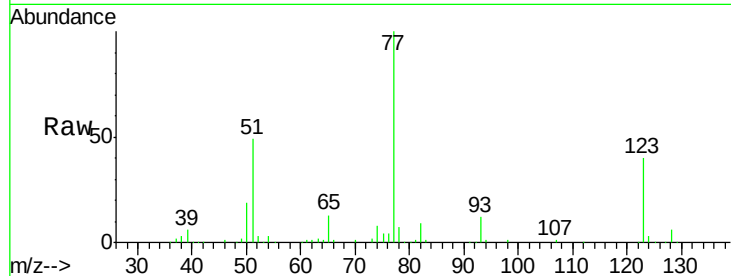
123 39.7 45.0 67.4#

65 13.4 10.2 15.2

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#25

Isophorone

Concen: 39.80 ng

RT: 7.56 min Scan# 523

Delta R.T. 0.00 min

Lab File: BF088824.D

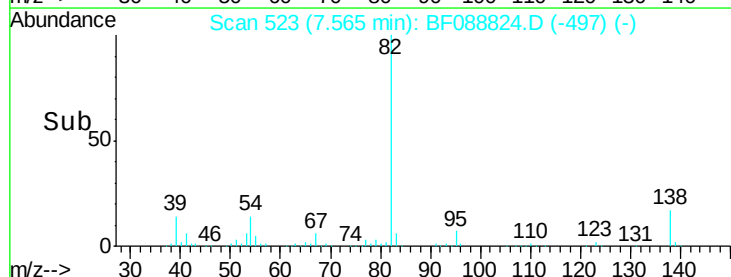
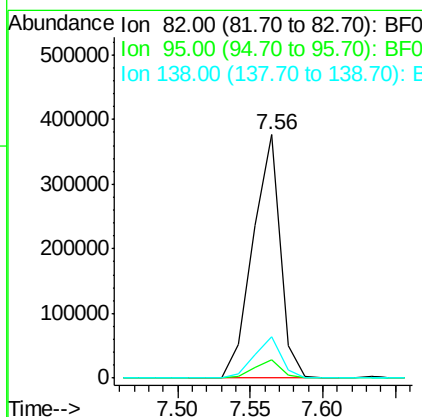
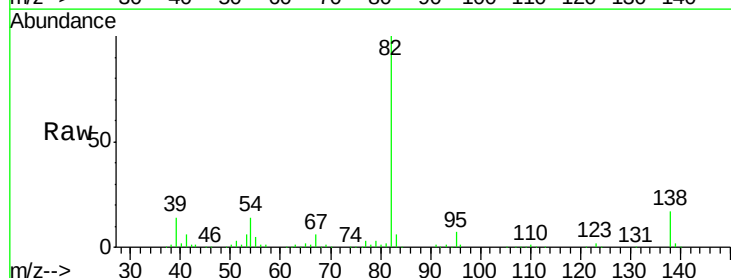
Acq: 8 Jul 2016 14:31

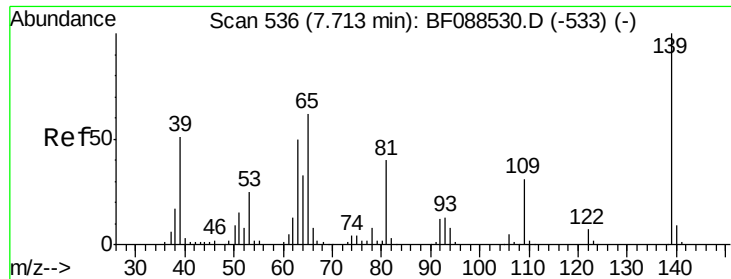
Tgt Ion: 82 Resp: 492639
Ion Ratio Lower Upper

82 100

95 7.5 5.4 8.2

138 17.2 14.6 21.8





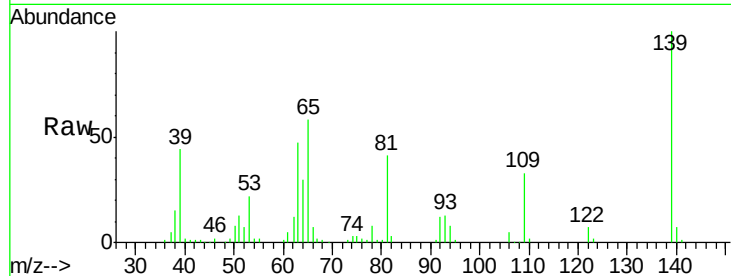
#26
2-Nitrophenol
Concen: 42.75 ng
RT: 7.63 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF088824.D
Acq: 8 Jul 2016 14:31

Instrument :
BNA_F
ClientSampleId :
PB91874BS

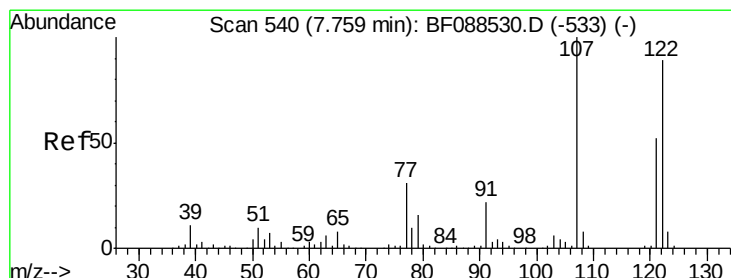
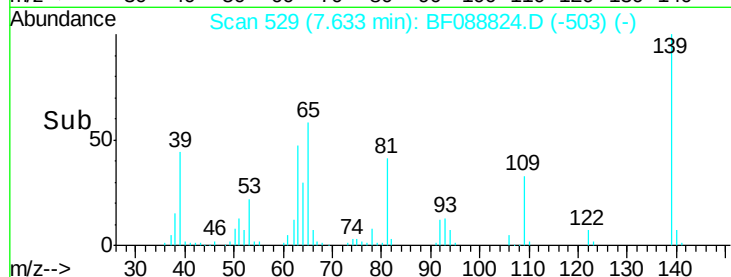
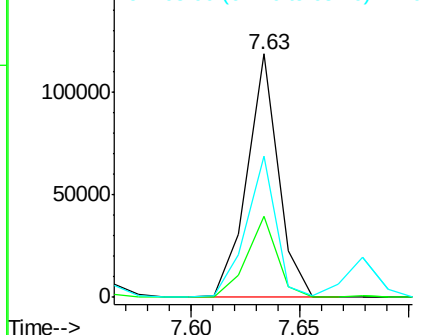
Tgt Ion	Ratio	Resp	Lower	Upper
139	100	118095		
109	33.1	23.0	34.4	
65	57.8	45.8	68.8	

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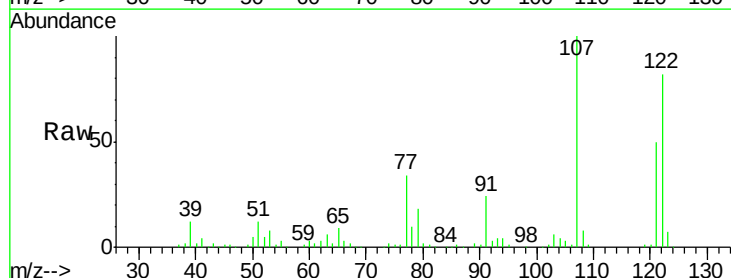


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): E

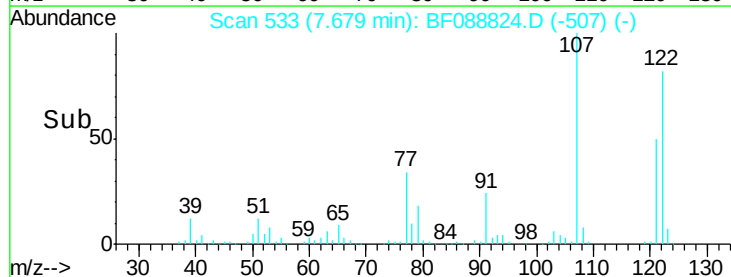
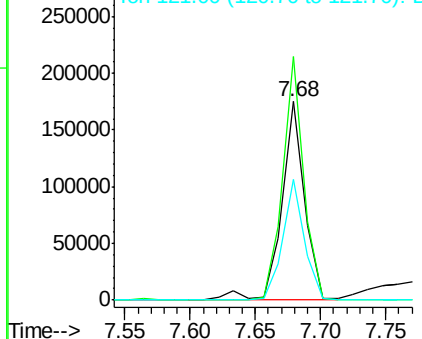


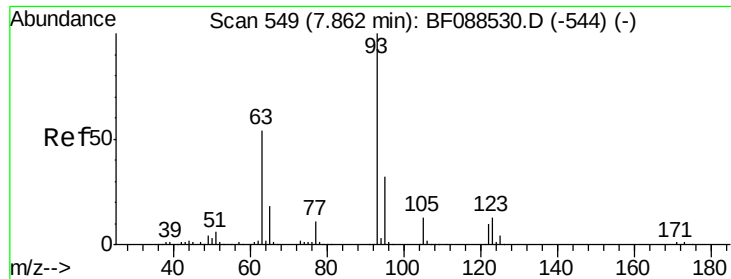
#27
2,4-Dimethylphenol
Concen: 37.29 ng
RT: 7.68 min Scan# 533
Delta R.T. 0.00 min
Lab File: BF088824.D
Acq: 8 Jul 2016 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	214549		
107	122.7	82.4	123.6	
121	60.8	46.3	69.5	



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E





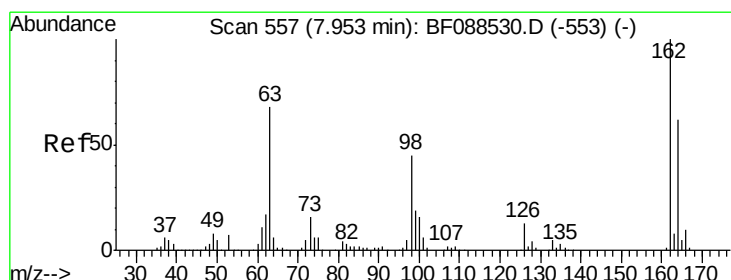
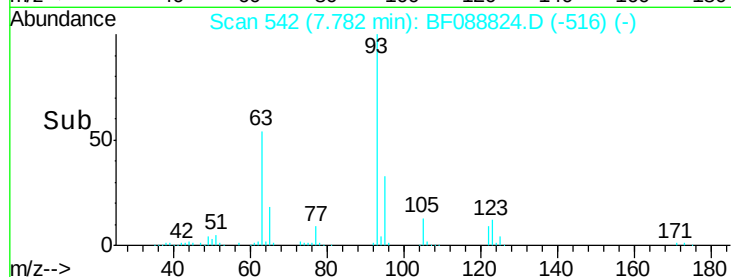
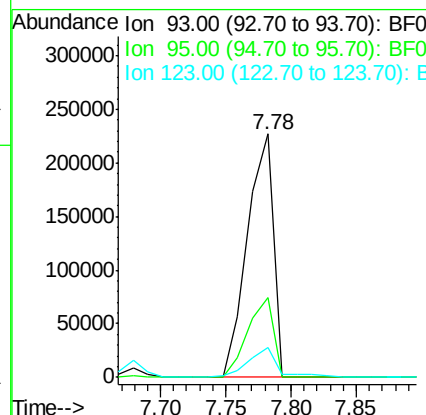
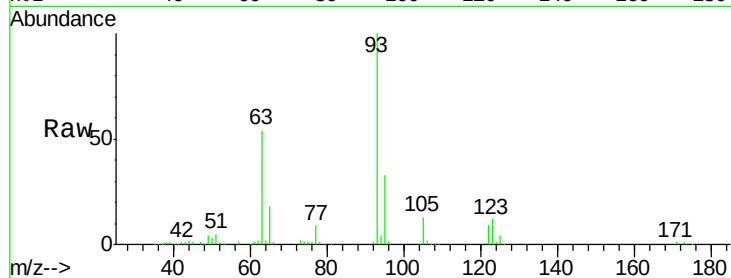
#28
bis(2-Chloroethoxy)methane
Concen: 39.18 ng
RT: 7.78 min Scan# 542
Delta R.T. 0.00 min
Lab File: BF088824.D
Acq: 8 Jul 2016 14:31

Instrument :
BNA_F
ClientSampleId :
PB91874BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
95	32.6	26.5	39.7
123	12.2	11.6	17.4

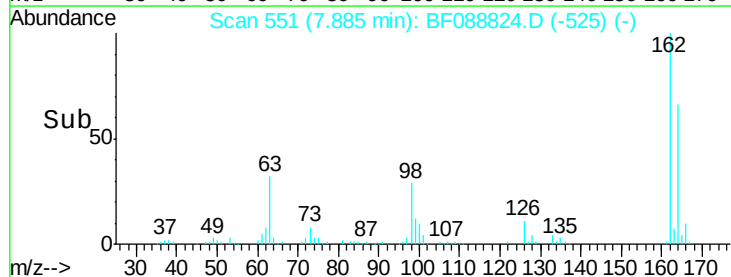
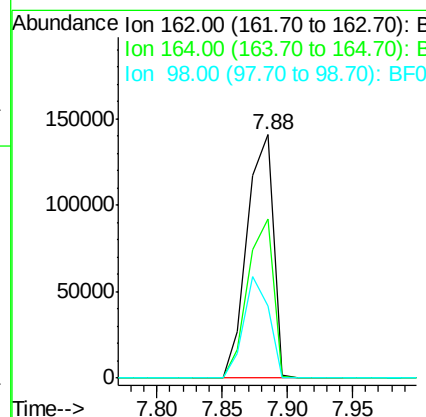
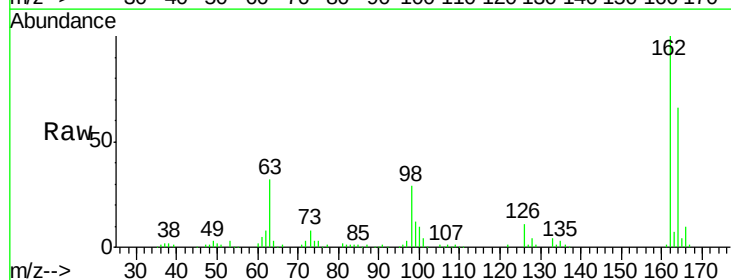
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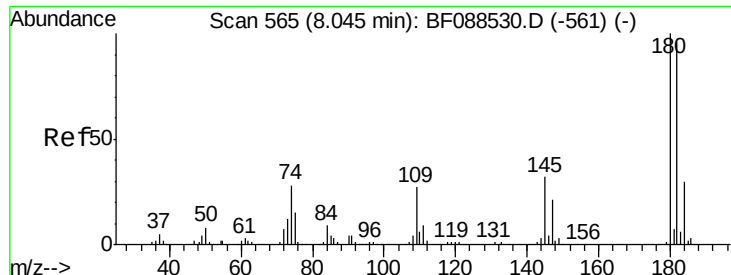
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#29
2,4-Dichlorophenol
Concen: 42.58 ng
RT: 7.88 min Scan# 551
Delta R.T. 0.00 min
Lab File: BF088824.D
Acq: 8 Jul 2016 14:31

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	65.5	43.8	83.8
98	29.4	21.3	61.3





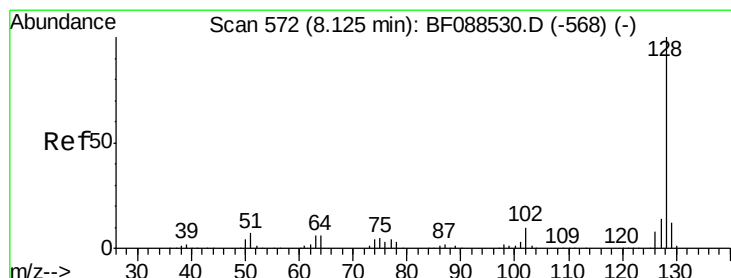
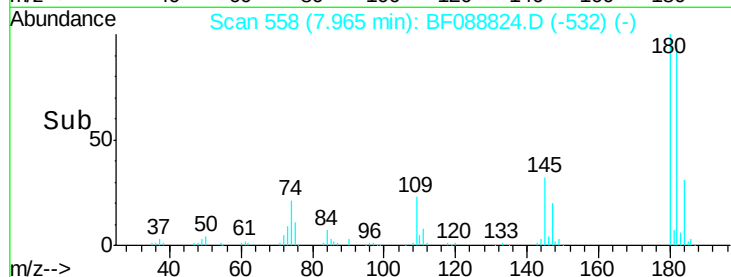
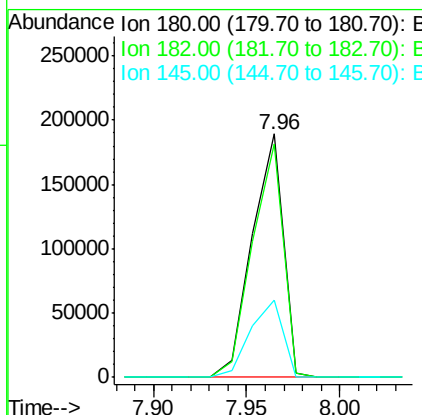
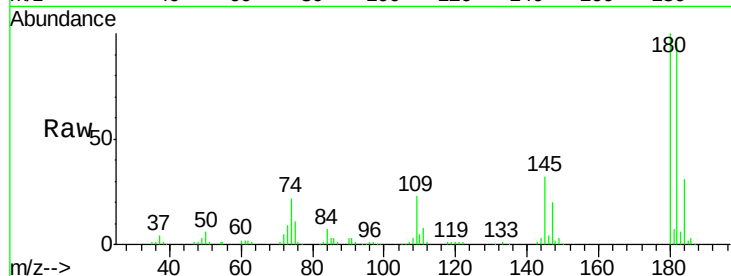
#30
1,2,4-Trichlorobenzene
Concen: 42.74 ng
RT: 7.96 min Scan# 558
Delta R.T. 0.00 min
Lab File: BF088824.D
Acq: 8 Jul 2016 14:31

Instrument :
BNA_F
ClientSampleId :
PB91874BS

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	218104		
182	96.1	76.0	114.0	
145	31.6	26.5	39.7	

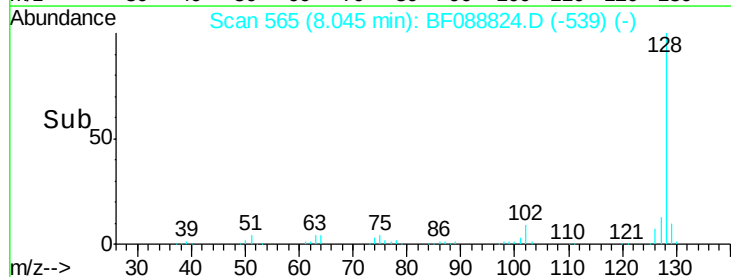
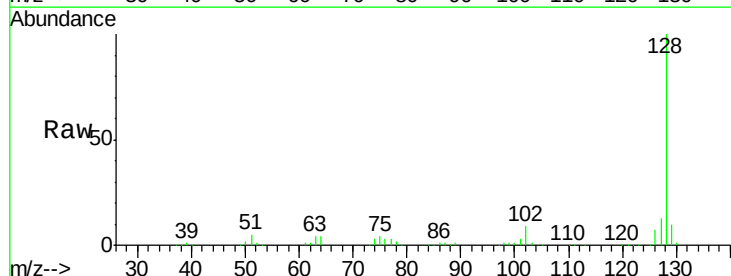
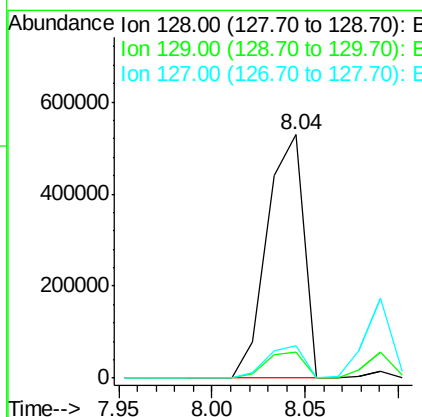
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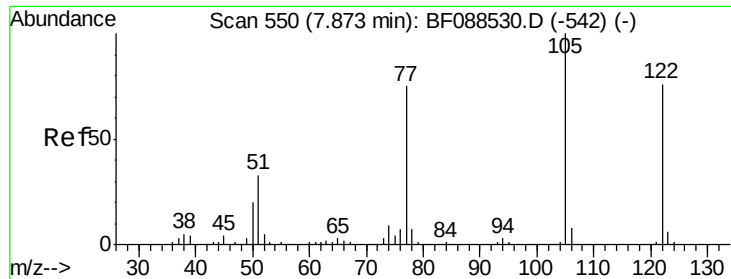
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#31
Naphthalene
Concen: 41.81 ng
RT: 8.04 min Scan# 565
Delta R.T. 0.00 min
Lab File: BF088824.D
Acq: 8 Jul 2016 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	721688		
129	10.5	9.4	14.2	
127	13.4	10.9	16.3	





#32

Benzoic acid

Concen: 33.37 ng

RT: 7.82 min Scan# 545

Delta R.T. -0.01 min

Lab File: BF088824.D

Acq: 8 Jul 2016 14:31

Instrument :

BNA_F

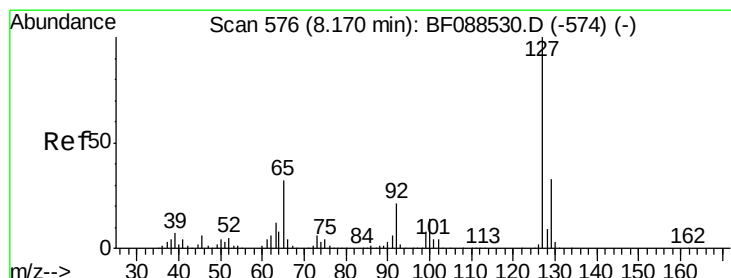
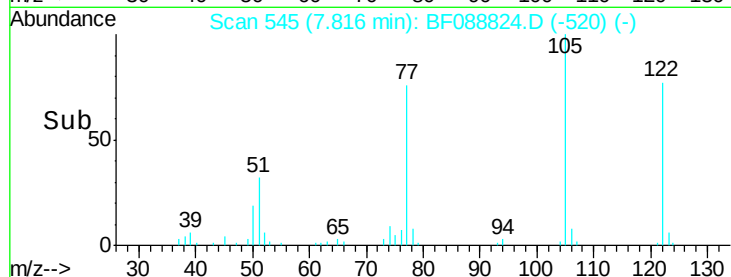
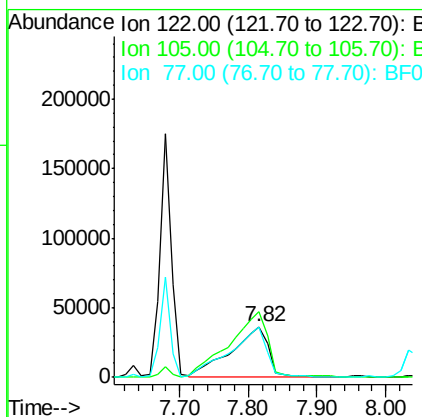
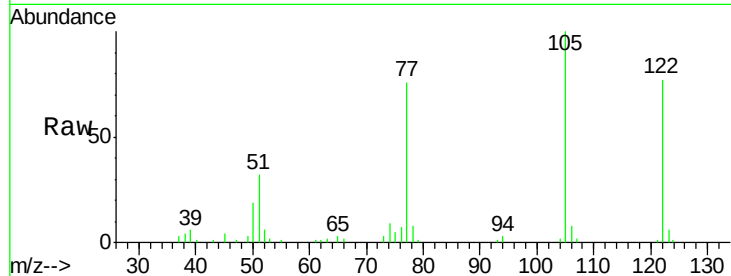
ClientSampleId :

PB91874BS

Tgt Ion:	122	Resp:	139395
Ion Ratio	Lower	Upper	
122	100		
105	129.7	101.6	141.6
77	98.6	70.6	110.6

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#33

4-Chloroaniline

Concen: 23.18 ng

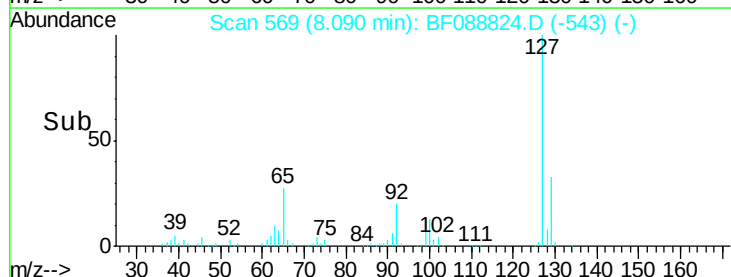
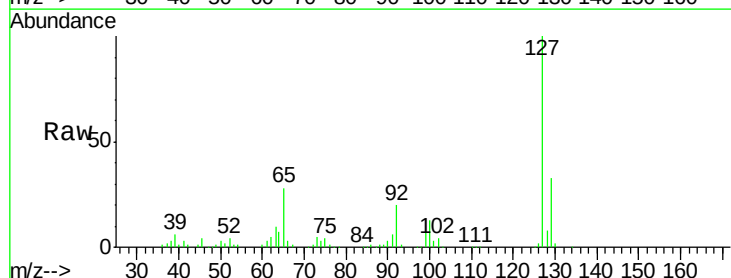
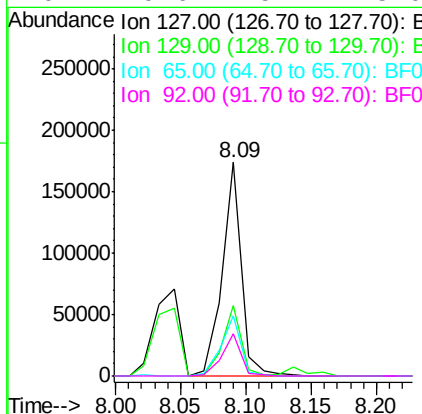
RT: 8.09 min Scan# 569

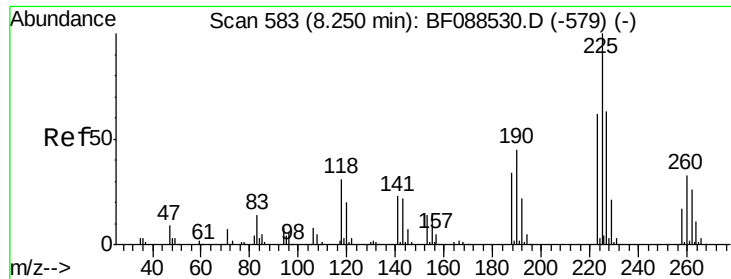
Delta R.T. 0.00 min

Lab File: BF088824.D

Acq: 8 Jul 2016 14:31

Tgt Ion:	127	Resp:	178027
Ion Ratio	Lower	Upper	
127	100		
129	32.8	26.3	39.5
65	27.9	24.7	37.1
92	19.6	15.4	23.0





#34

Hexachlorobutadiene

Concen: 40.92 ng

RT: 8.16 min Scan# 575

Delta R.T. 0.00 min

Lab File: BF088824.D

Acq: 8 Jul 2016 14:31

Instrument :

BNA_F

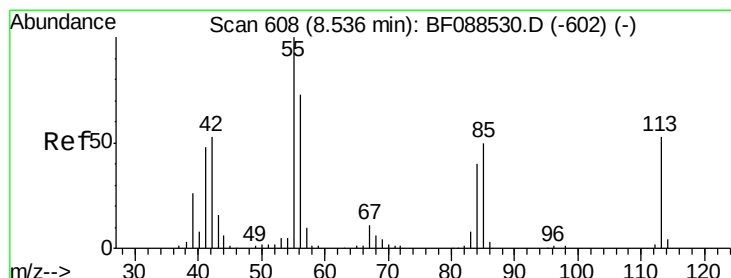
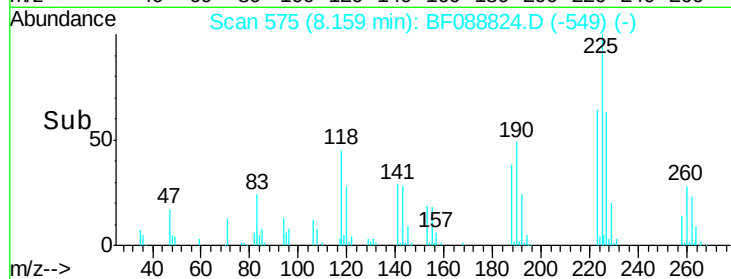
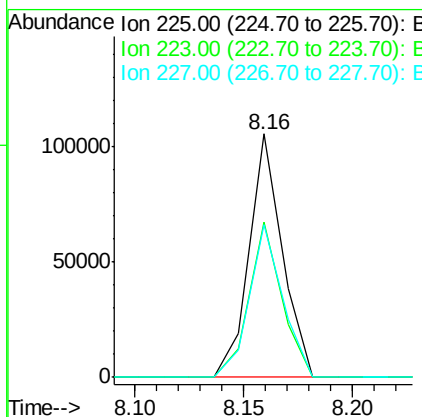
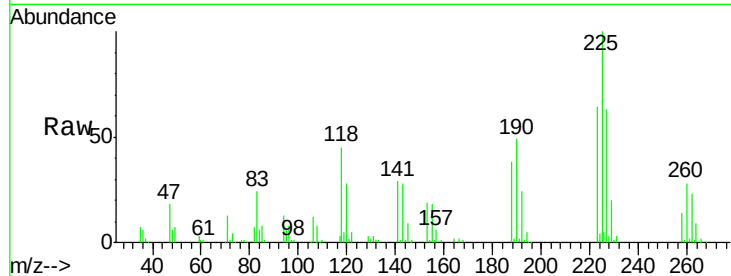
ClientSampleId :

PB91874BS

Tgt Ion:	225	Resp:	111807
Ion Ratio	Lower	Upper	
225	100		
223	63.9	50.9	76.3
227	62.9	51.9	77.9

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#35

Caprolactam

Concen: 49.30 ng m

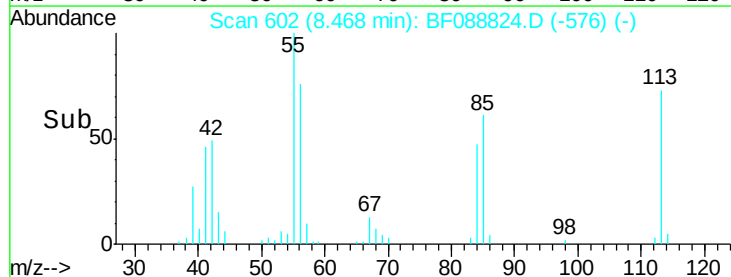
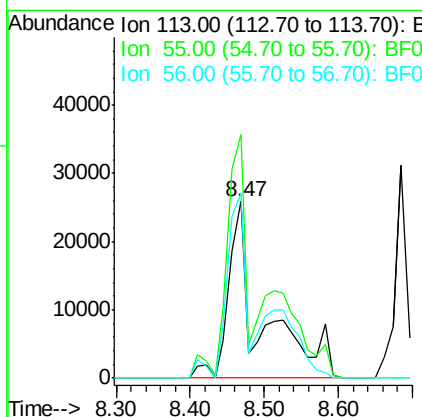
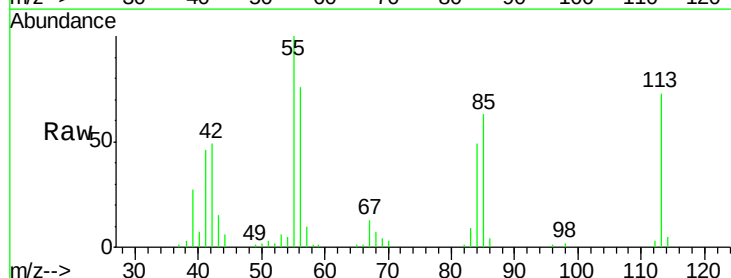
RT: 8.47 min Scan# 602

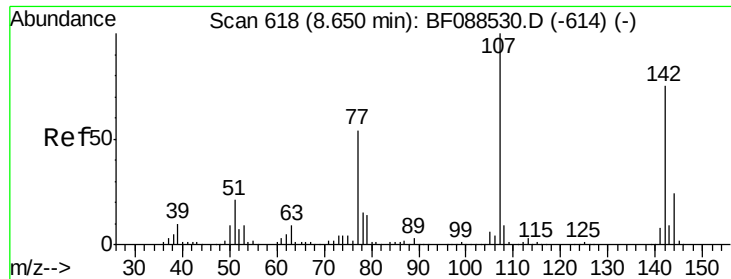
Delta R.T. 0.00 min

Lab File: BF088824.D

Acq: 8 Jul 2016 14:31

Tgt Ion:	113	Resp:	77850
Ion Ratio	Lower	Upper	
113	100		
55	137.7	158.6	198.6#
56	104.5	110.6	150.6#





#36

4-Chloro-3-methylphenol

Concen: 43.96 ng

RT: 8.58 min Scan# 612

Delta R.T. 0.00 min

Lab File: BF088824.D

Acq: 8 Jul 2016 14:31

Instrument :

BNA_F

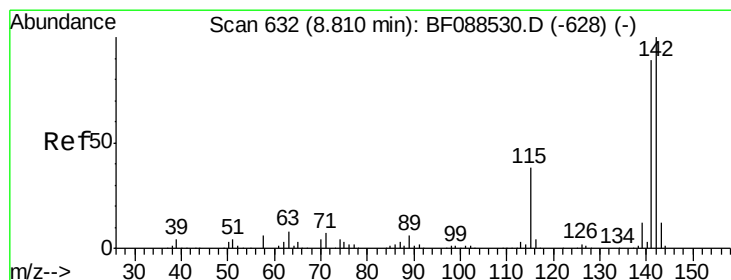
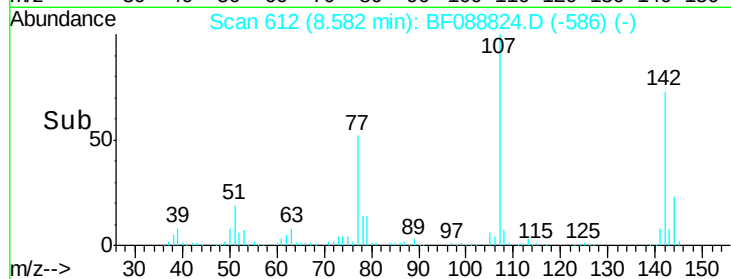
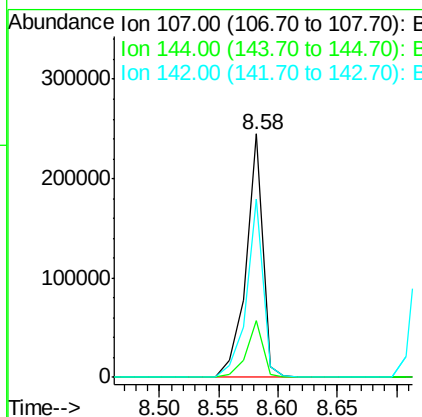
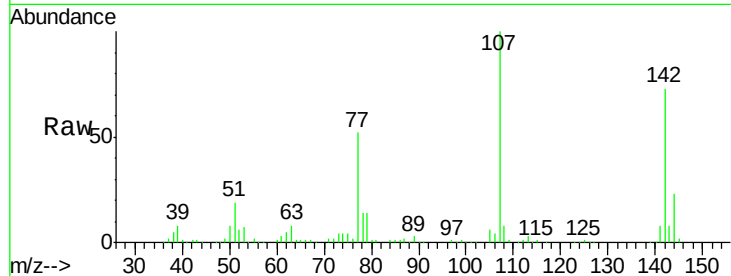
ClientSampleId :

PB91874BS

Tgt Ion:	107	Resp:	241710
Ion Ratio	Lower	Upper	
107	100		
144	23.5	20.8	31.2
142	73.2	63.4	95.2

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#37

2-Methylnaphthalene

Concen: 42.19 ng

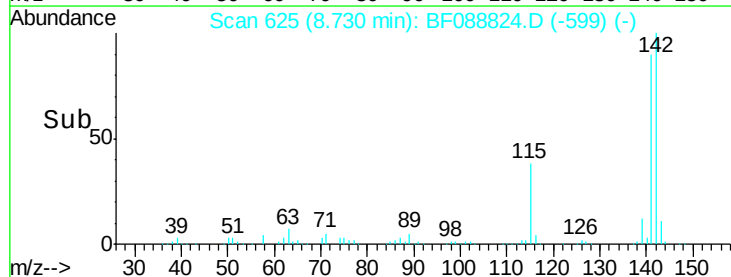
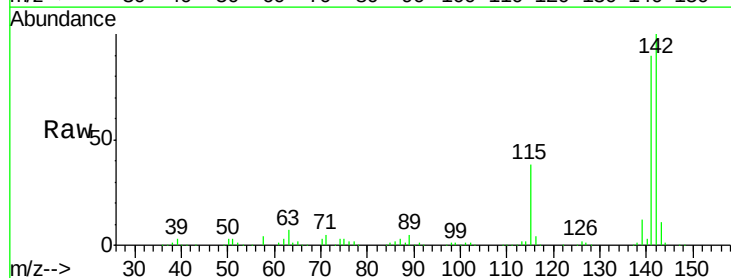
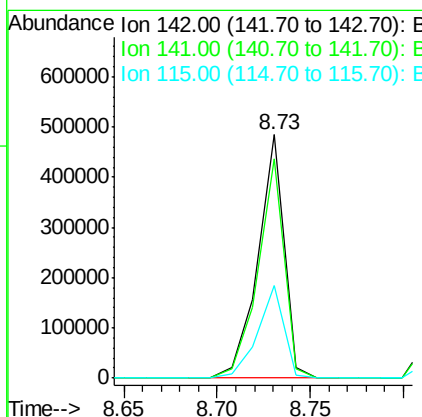
RT: 8.73 min Scan# 625

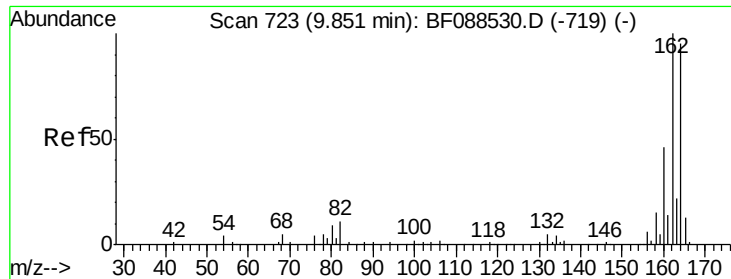
Delta R.T. 0.00 min

Lab File: BF088824.D

Acq: 8 Jul 2016 14:31

Tgt Ion:	142	Resp:	468929
Ion Ratio	Lower	Upper	
142	100		
141	90.1	71.0	106.6
115	37.9	22.6	33.8#





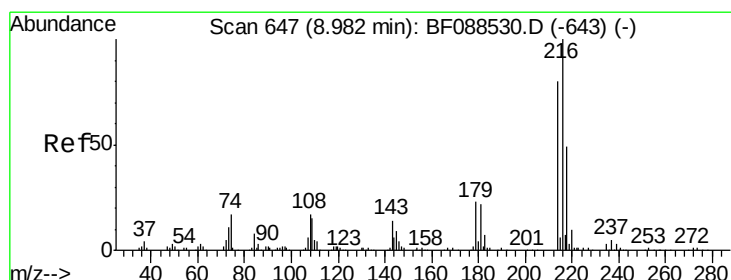
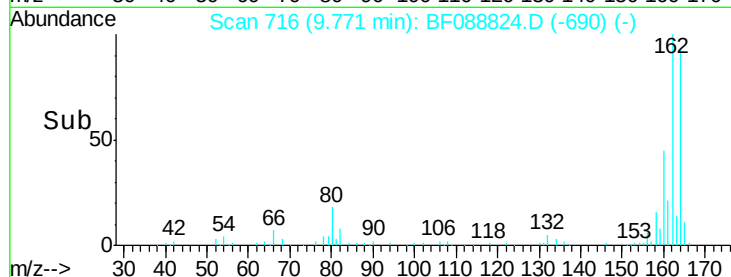
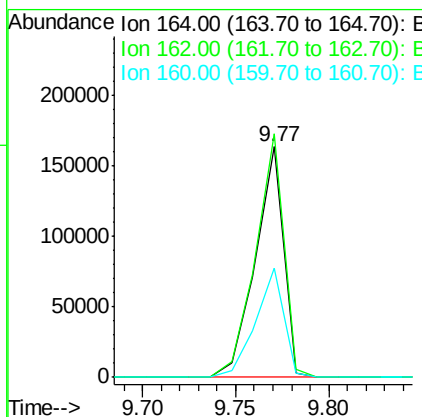
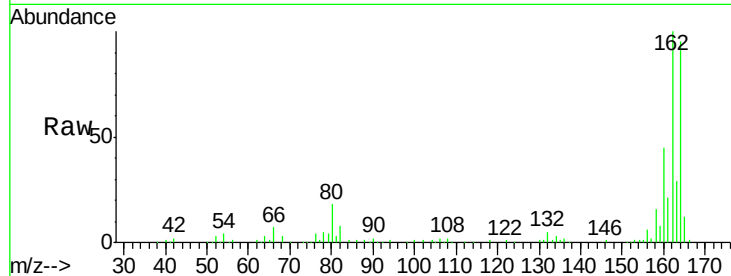
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.77 min Scan# 716
Delta R.T. 0.00 min
Lab File: BF088824.D
Acq: 8 Jul 2016 14:31

Instrument :
BNA_F
ClientSampleId :
PB91874BS

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	170123		
162	105.7	85.4	128.2	
160	47.5	39.5	59.3	

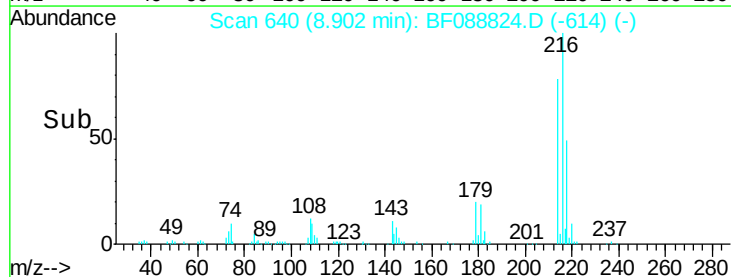
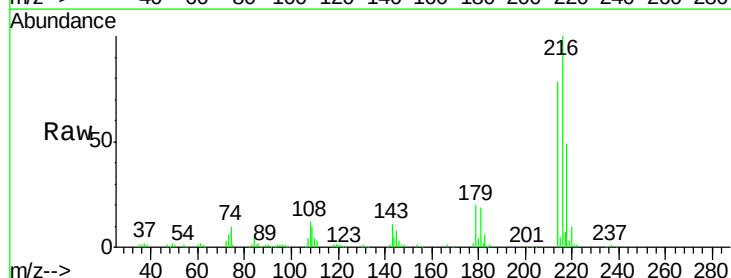
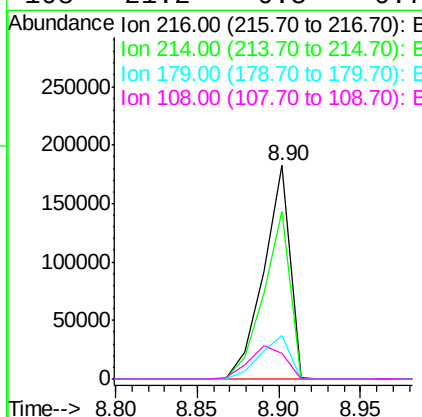
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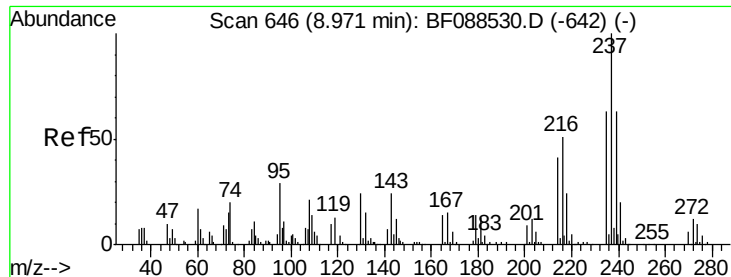
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#39
1,2,4,5-Tetrachlorobenzene
Concen: 36.17 ng
RT: 8.90 min Scan# 640
Delta R.T. 0.00 min
Lab File: BF088824.D
Acq: 8 Jul 2016 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	204670		
214	78.8	2.9	4.3#	
179	22.4	0.0	0.0#	
108	21.2	0.5	0.7#	





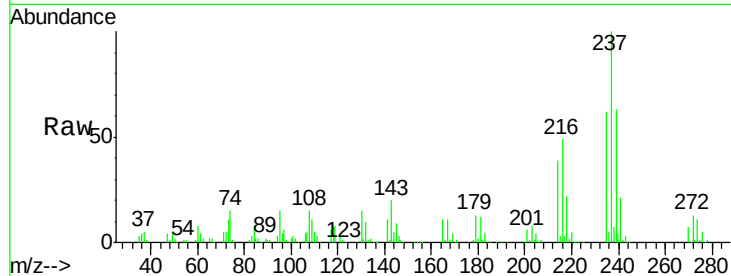
#40
Hexachlorocyclopentadiene
Concen: 73.24 ng
RT: 8.89 min Scan# 639
Delta R.T. 0.00 min
Lab File: BF088824.D
Acq: 8 Jul 2016 14:31

Instrument :
BNA_F
ClientSampleId :
PB91874BS

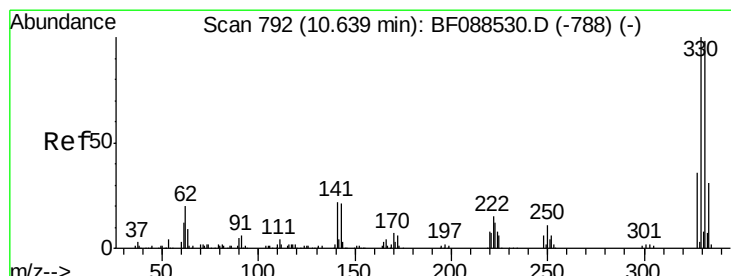
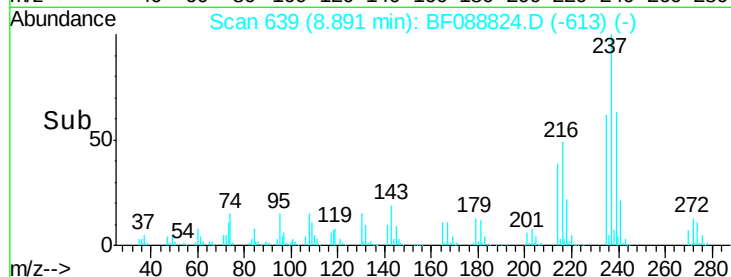
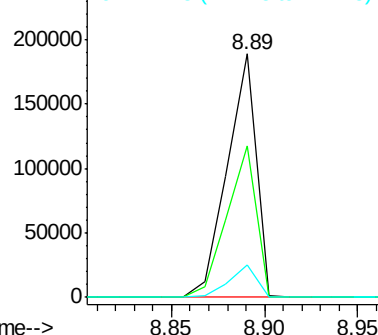
Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	62.4	43.4	83.4
272	13.4	0.0	32.3

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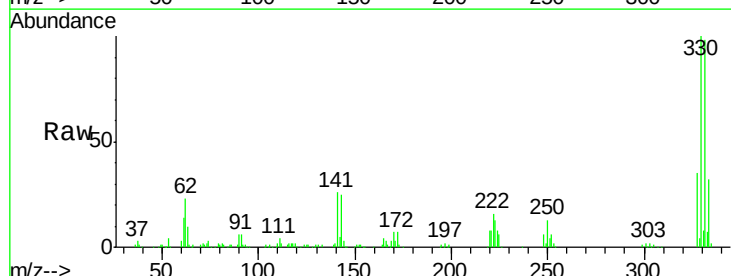


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

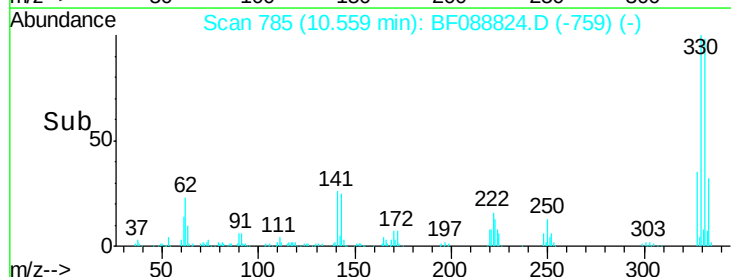
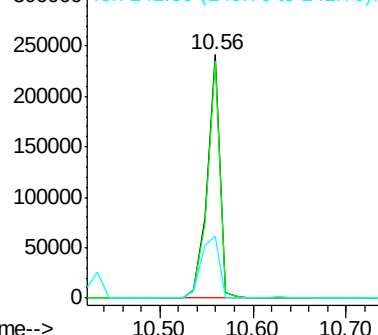


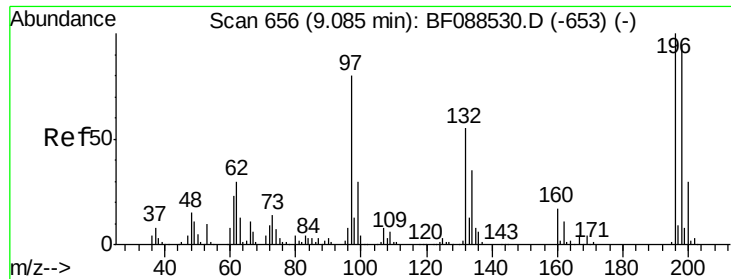
#41
2,4,6-Tribromophenol
Concen: 146.88 ng
RT: 10.56 min Scan# 785
Delta R.T. 0.00 min
Lab File: BF088824.D
Acq: 8 Jul 2016 14:31

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	96.8	0.0	0.0#
141	36.4	0.0	0.0#



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





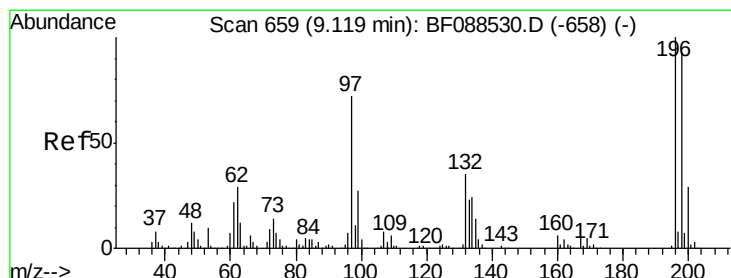
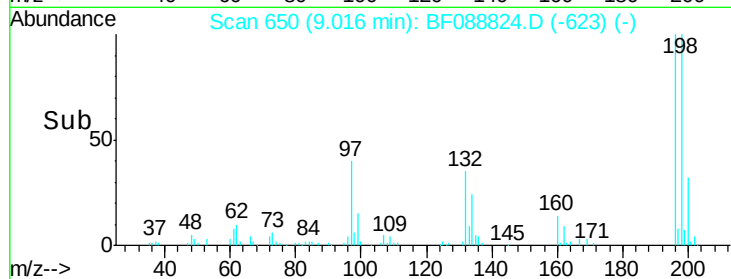
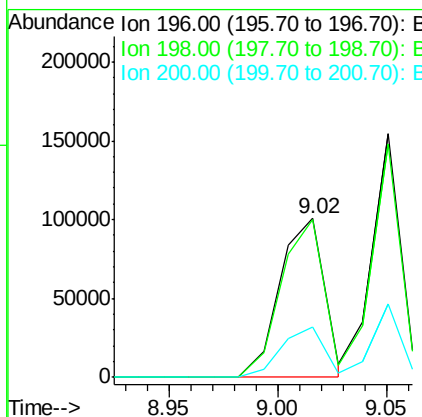
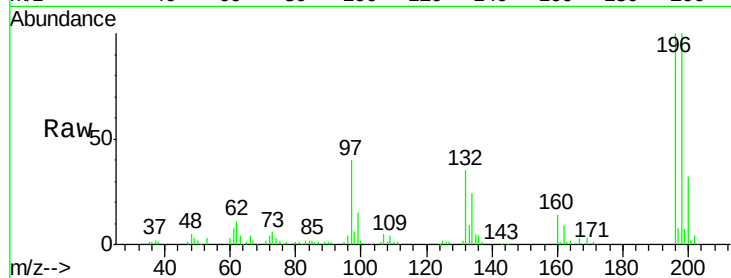
#42
2,4,6-Trichlorophenol
Concen: 38.53 ng
RT: 9.02 min Scan# 650
Delta R.T. 0.01 min
Lab File: BF088824.D
Acq: 8 Jul 2016 14:31

Instrument :
BNA_F
ClientSampleId :
PB91874BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	143744		
198	99.7	78.0	117.0	
200	31.8	25.4	38.2	

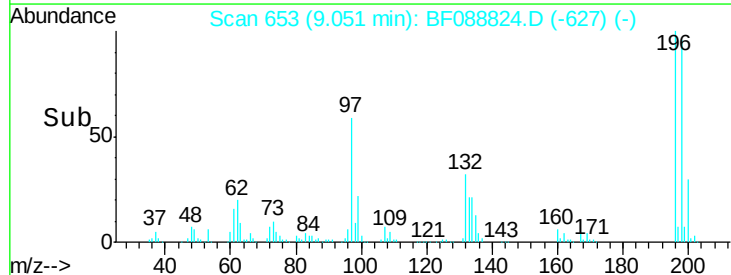
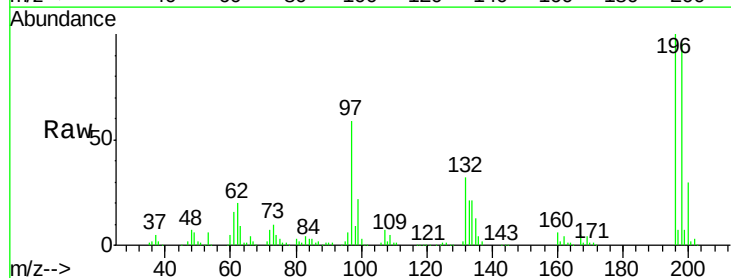
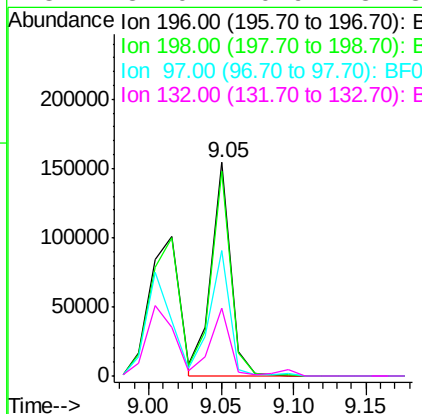
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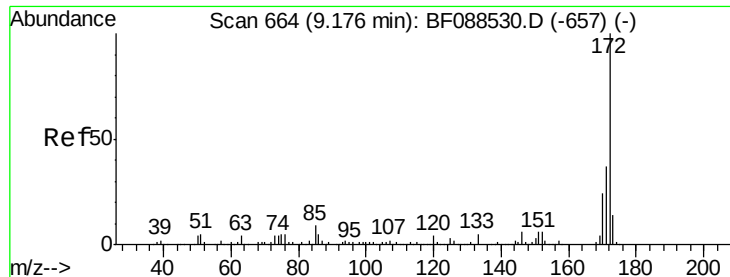
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#43
2,4,5-Trichlorophenol
Concen: 44.83 ng
RT: 9.05 min Scan# 653
Delta R.T. 0.00 min
Lab File: BF088824.D
Acq: 8 Jul 2016 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	143890		
198	96.1	77.5	116.3	
97	58.9	32.0	48.0#	
132	32.0	20.9	31.3#	





#44

2-Fluorobiphenyl

Concen: 82.26 ng

RT: 9.10 min Scan# 657

Delta R.T. 0.00 min

Lab File: BF088824.D

Acq: 8 Jul 2016 14:31

Instrument :

BNA_F

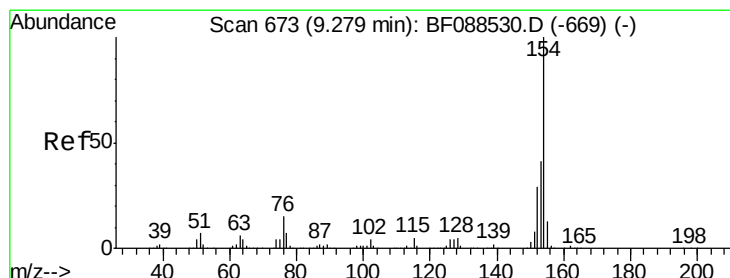
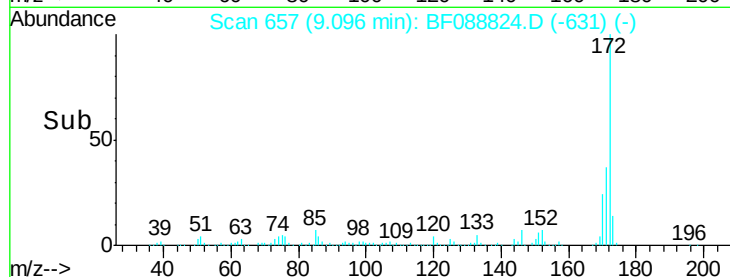
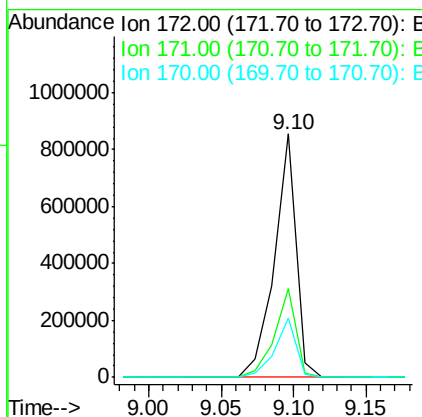
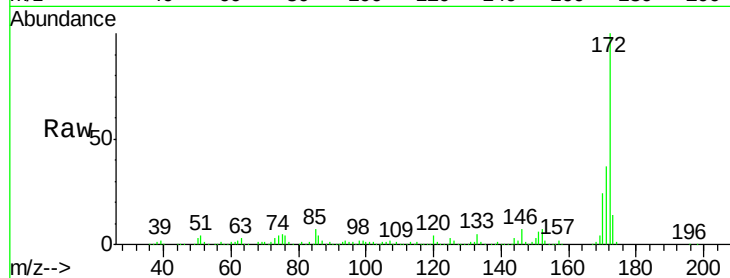
ClientSampleId :

PB91874BS

Tgt Ion:	172	Resp:	885909
Ion Ratio	Lower	Upper	
172	100		
171	36.6	28.6	43.0
170	24.4	19.2	28.8

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#45

1,1'-Biphenyl

Concen: 41.86 ng

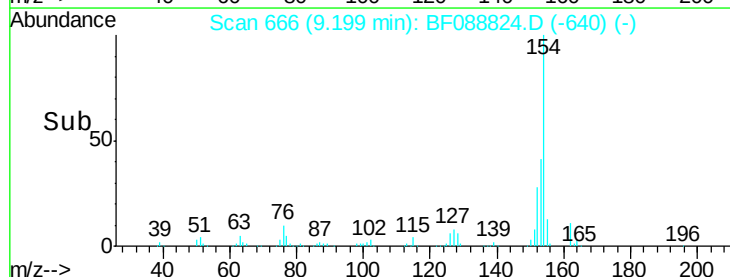
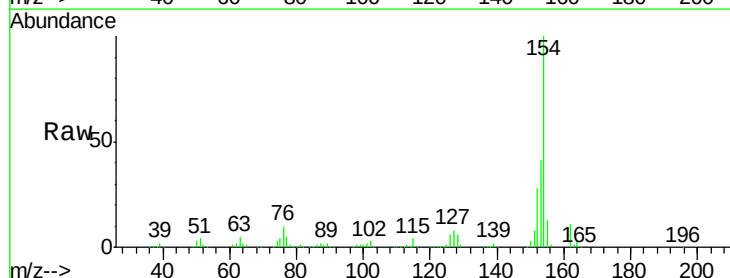
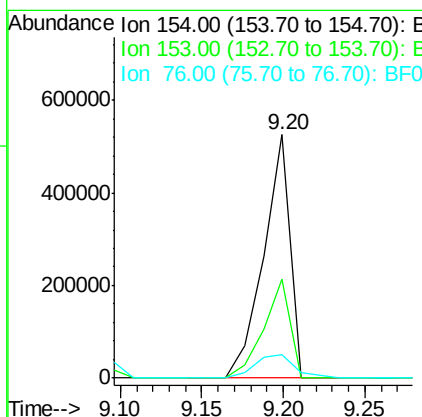
RT: 9.20 min Scan# 666

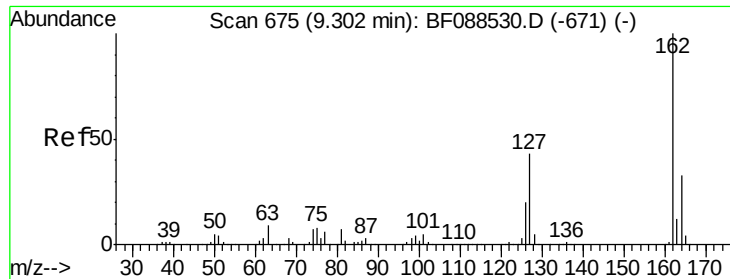
Delta R.T. 0.00 min

Lab File: BF088824.D

Acq: 8 Jul 2016 14:31

Tgt Ion:	154	Resp:	589649
Ion Ratio	Lower	Upper	
154	100		
153	40.7	20.6	60.6
76	9.8	0.0	35.1





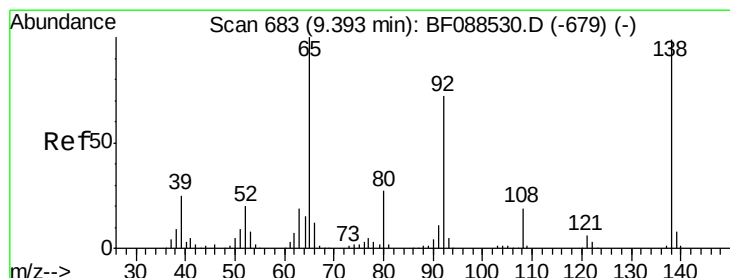
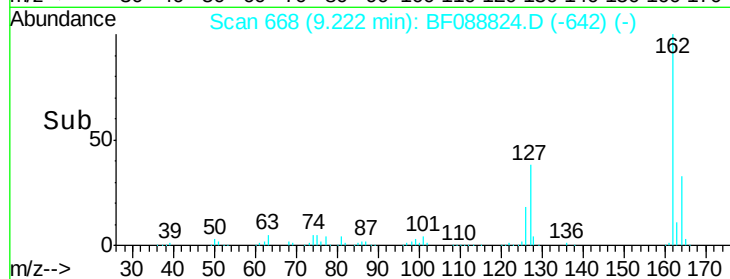
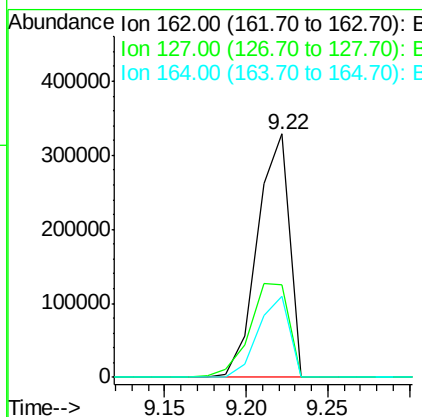
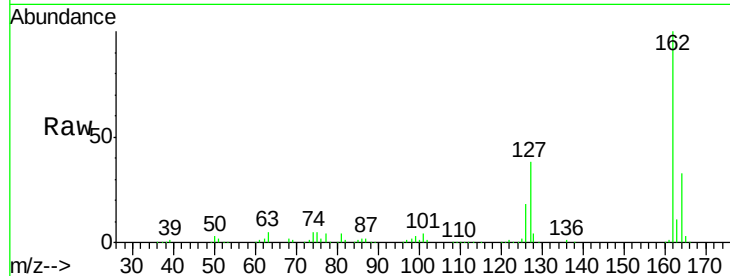
#46
 2-Chloronaphthalene
 Concen: 40.44 ng
 RT: 9.22 min Scan# 668
 Delta R.T. 0.00 min
 Lab File: BF088824.D
 Acq: 8 Jul 2016 14:31

Instrument :
 BNA_F
 ClientSampleId :
 PB91874BS

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.8	35.2	52.8
164	33.4	26.6	39.8

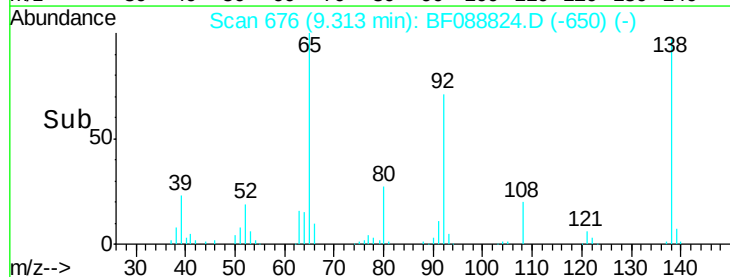
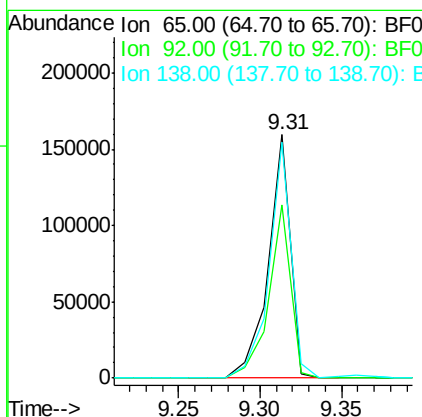
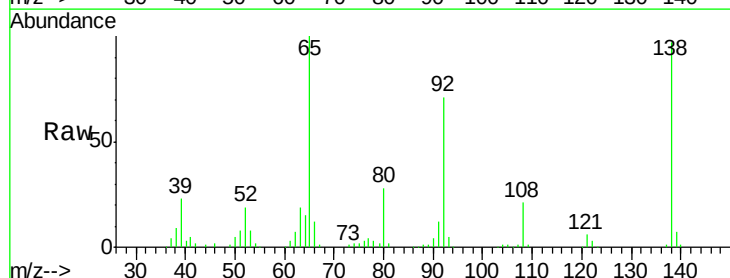
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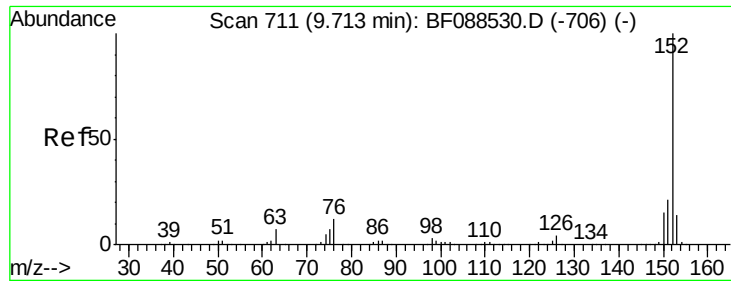
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#47
 2-Nitroaniline
 Concen: 38.42 ng
 RT: 9.31 min Scan# 676
 Delta R.T. 0.00 min
 Lab File: BF088824.D
 Acq: 8 Jul 2016 14:31

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.2	54.6	82.0
138	97.1	77.0	115.4





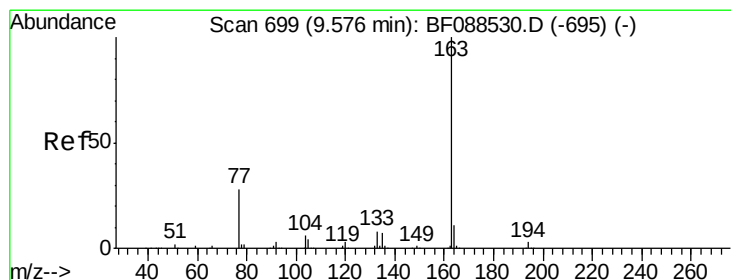
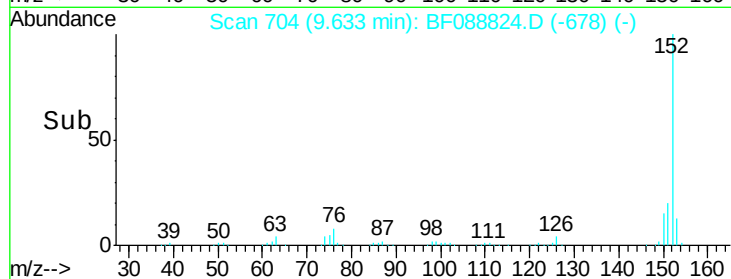
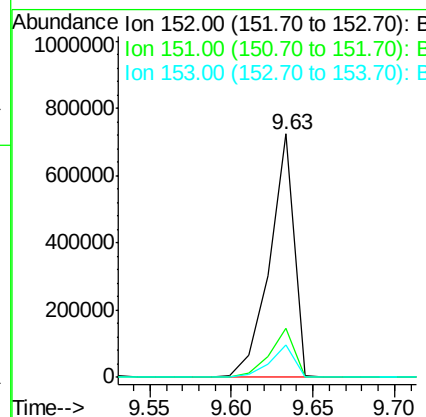
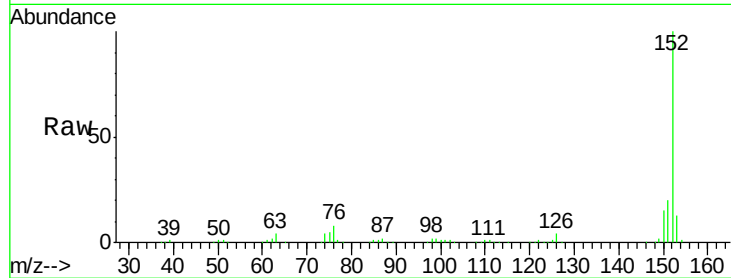
#48
Acenaphthylene
Concen: 42.81 ng
RT: 9.63 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF088824.D
Acq: 8 Jul 2016 14:31

Instrument :
BNA_F
ClientSampleId :
PB91874BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
152	100		
151	20.4	16.2	24.4
153	13.2	11.0	16.6

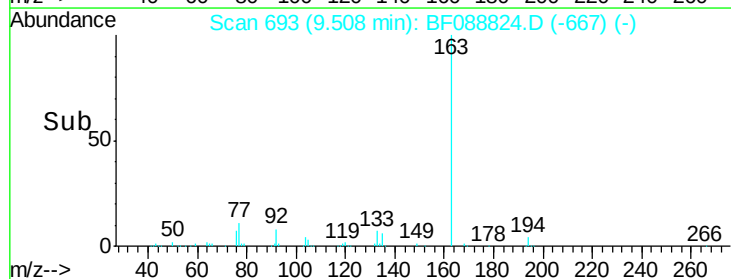
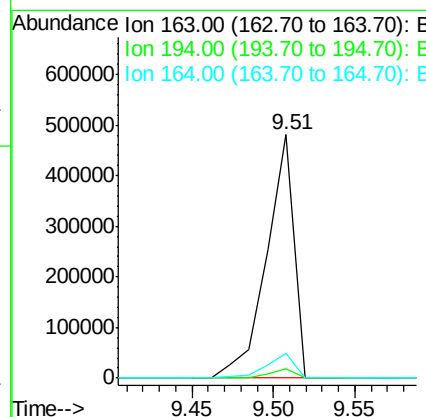
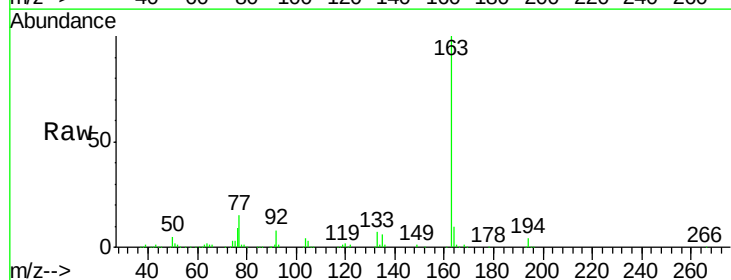
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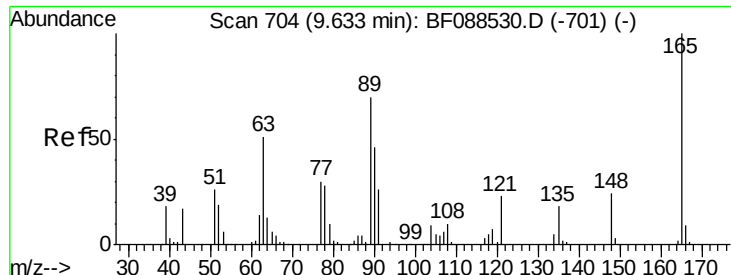
UMANGI
7/10/2016 12:33:46 AM



#49
Dimethylphthalate
Concen: 46.32 ng
RT: 9.51 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF088824.D
Acq: 8 Jul 2016 14:31

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.7	2.8	4.2
164	10.0	8.3	12.5





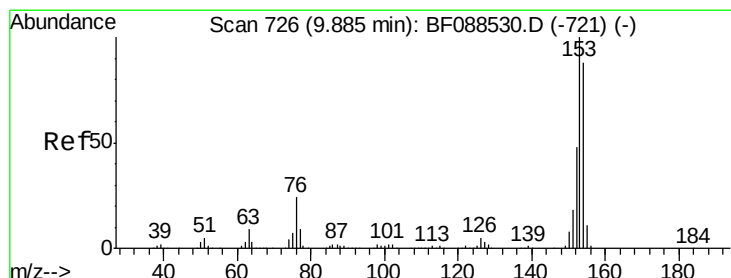
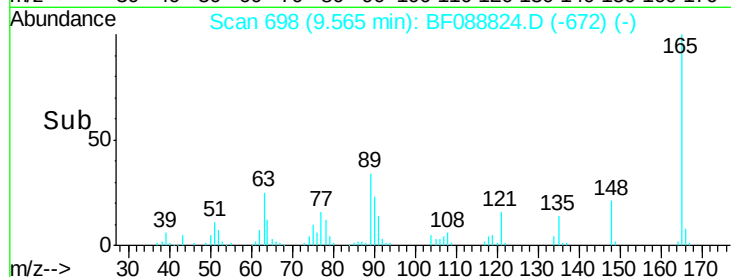
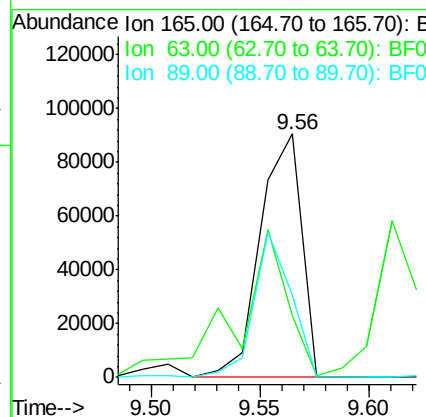
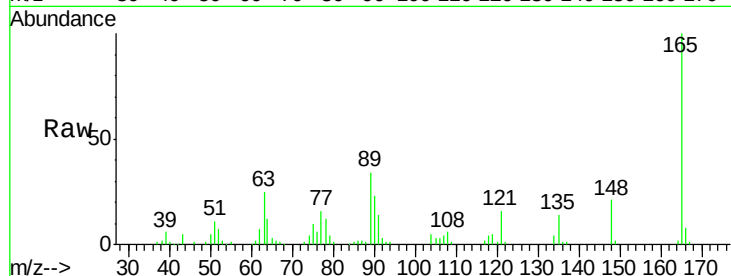
#50
2,6-Dinitrotoluene
Concen: 44.85 ng
RT: 9.56 min Scan# 698
Delta R.T. 0.00 min
Lab File: BF088824.D
Acq: 8 Jul 2016 14:31

Instrument :
BNA_F
ClientSampleId :
PB91874BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	25.4	28.1	42.1#
89	33.8	32.2	48.2

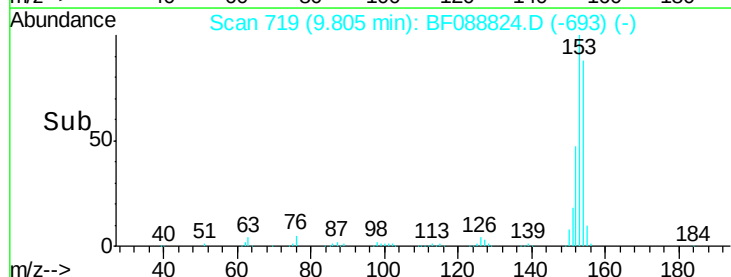
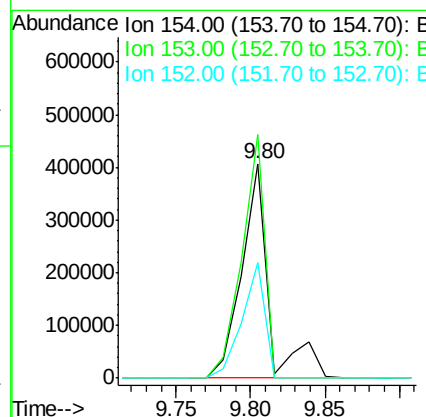
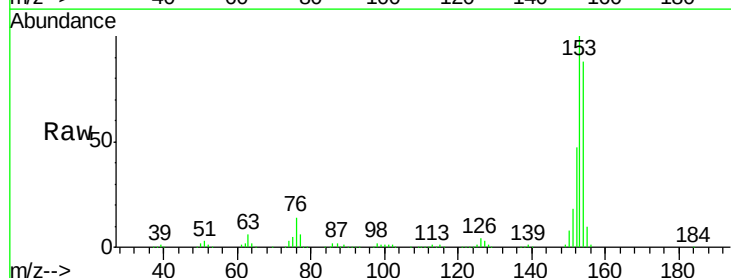
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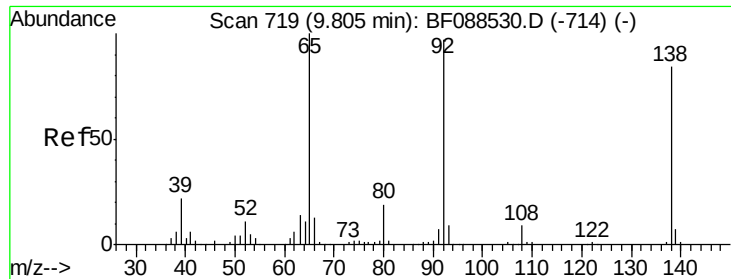
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#51
Acenaphthene
Concen: 48.47 ng m
RT: 9.80 min Scan# 719
Delta R.T. 0.00 min
Lab File: BF088824.D
Acq: 8 Jul 2016 14:31

Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	113.4	89.5	134.3
152	53.8	42.7	64.1





#52

3-Nitroaniline

Concen: 26.93 ng

RT: 9.72 min Scan# 712

Delta R.T. 0.00 min

Lab File: BF088824.D

Acq: 8 Jul 2016 14:31

Instrument :

BNA_F

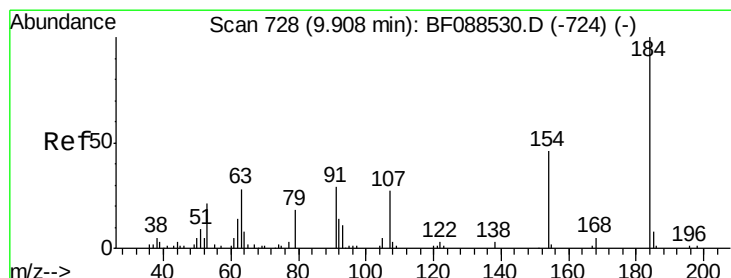
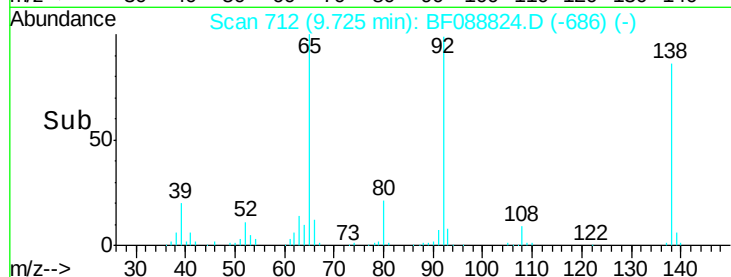
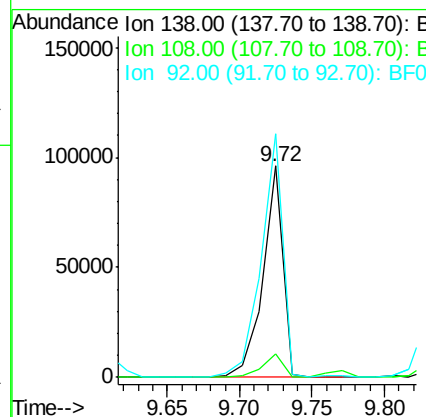
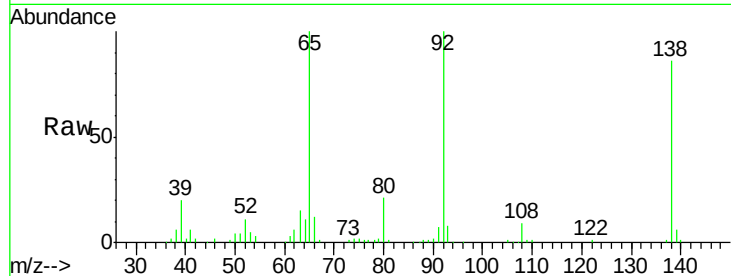
ClientSampleId :

PB91874BS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	91950		
108	10.9	8.5	12.7	
92	115.1	95.7	143.5	

Manual Integrations
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#53

2,4-Dinitrophenol

Concen: 107.95 ng

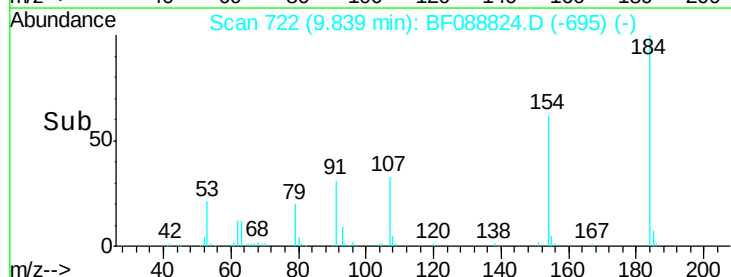
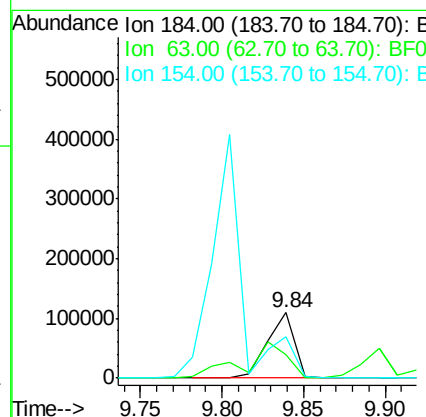
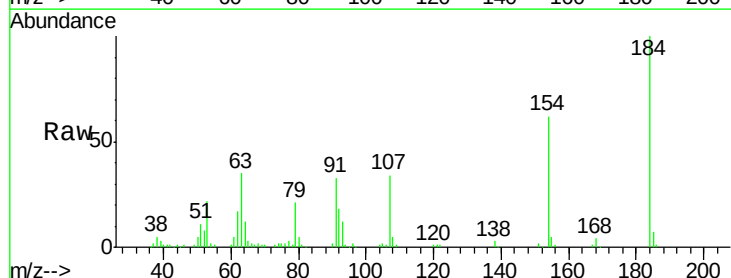
RT: 9.84 min Scan# 722

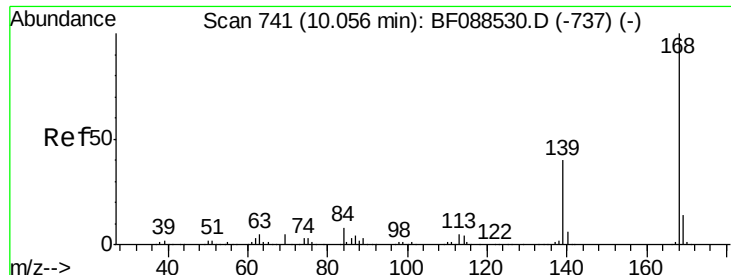
Delta R.T. 0.01 min

Lab File: BF088824.D

Acq: 8 Jul 2016 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	128032		
63	35.2	57.6	86.4#	
154	62.3	53.5	80.3	





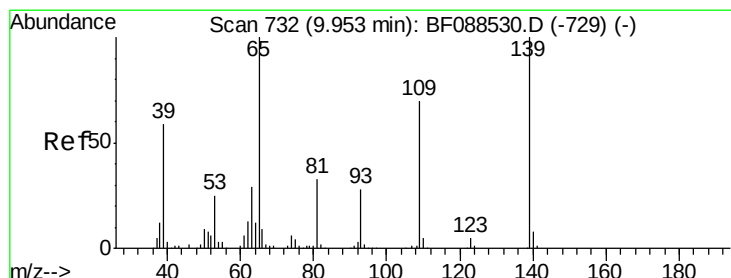
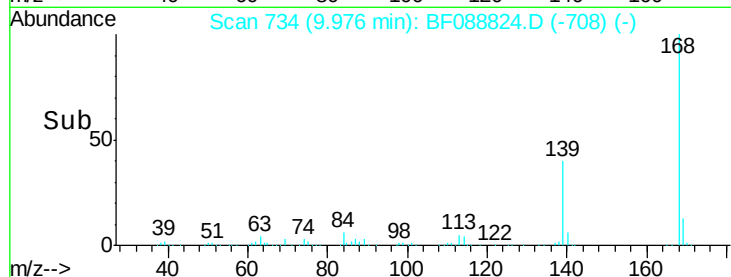
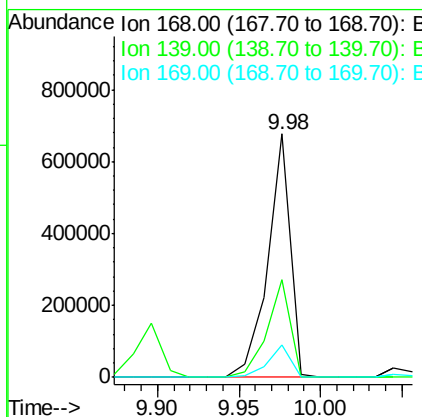
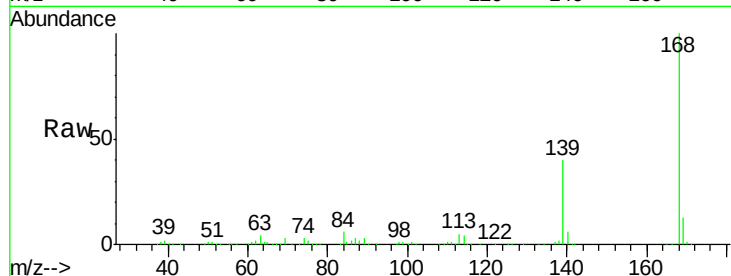
#54
Dibenzofuran
Concen: 46.08 ng
RT: 9.98 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF088824.D
Acq: 8 Jul 2016 14:31

Instrument :
BNA_F
ClientSampleId :
PB91874BS

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	650526		
139	40.1	26.4	39.6#	
169	13.4	10.4	15.6	

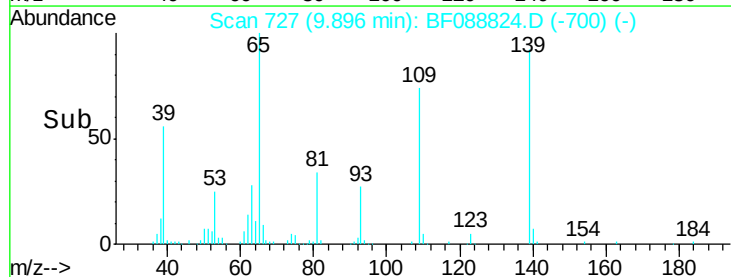
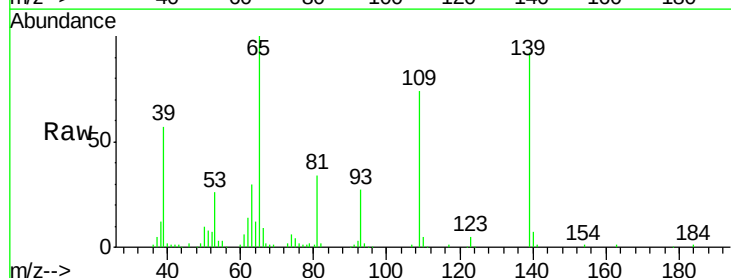
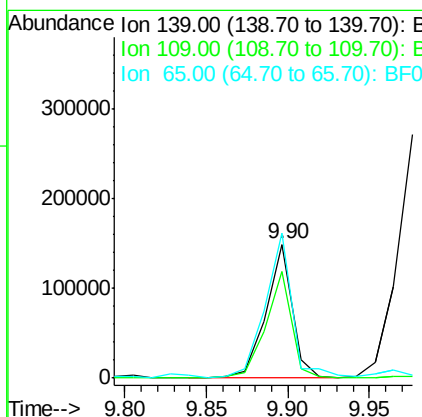
Manual Integrations
APPROVED

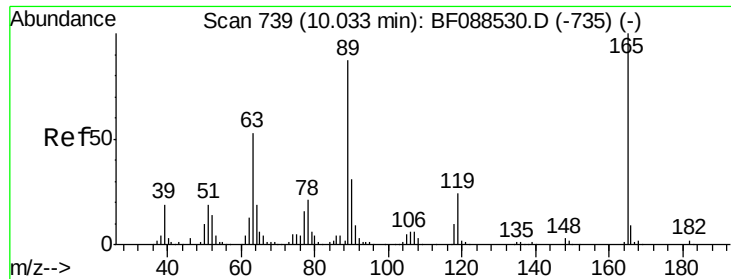
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#55
4-Nitrophenol
Concen: 64.32 ng
RT: 9.90 min Scan# 727
Delta R.T. 0.01 min
Lab File: BF088824.D
Acq: 8 Jul 2016 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	166906		
109	80.2	48.9	88.9	
65	108.3	84.9	124.9	





#56

2,4-Dinitrotoluene

Concen: 49.56 ng

RT: 9.96 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF088824.D

Acq: 8 Jul 2016 14:31

Instrument :

BNA_F

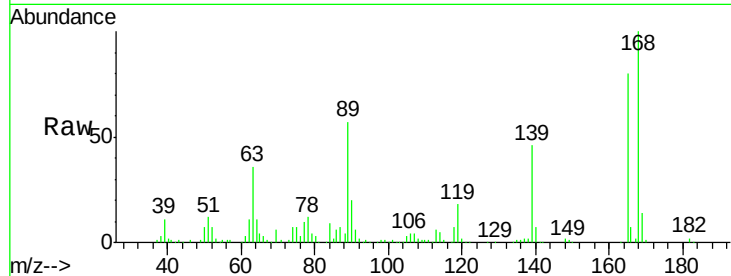
ClientSampleId :

PB91874BS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	174057		
63	44.7	22.0	33.0#	
89	71.1	41.1	61.7#	
182	2.5	2.0	3.0	

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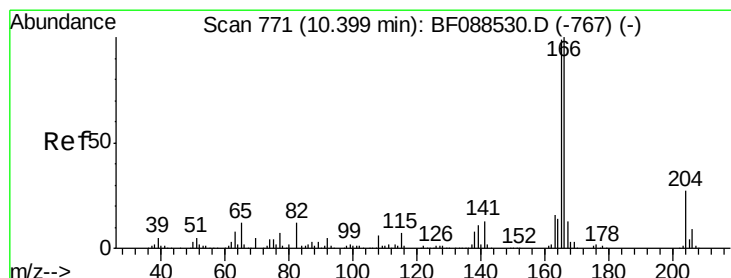
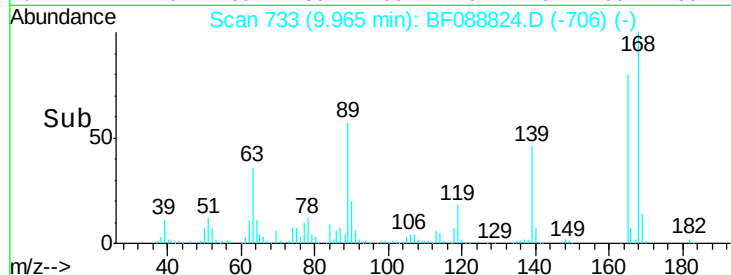
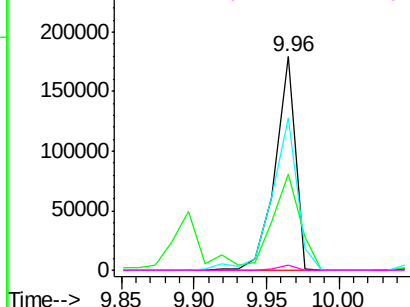


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 46.41 ng

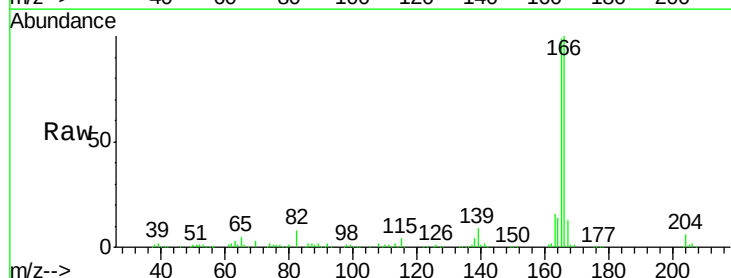
RT: 10.32 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF088824.D

Acq: 8 Jul 2016 14:31

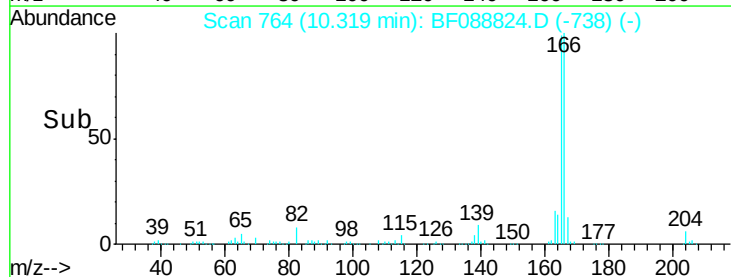
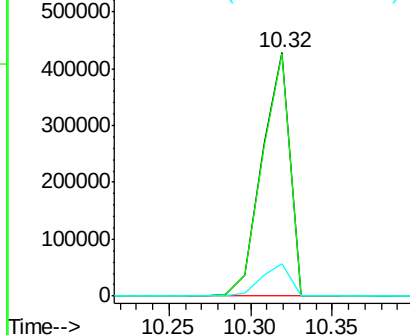
Tgt Ion	Ratio	Resp	Lower	Upper
166	100	504902		
165	99.4	77.8	116.8	
167	13.1	11.2	16.8	

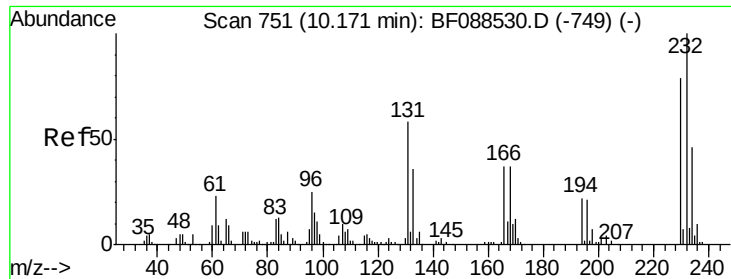


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#58

2,3,4,6-Tetrachlorophenol

Concen: 45.83 ng

RT: 10.09 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF088824.D

Acq: 8 Jul 2016 14:31

Instrument :

BNA_F

ClientSampleId :

PB91874BS

Tgt Ion:232 Resp: 113812
Ion Ratio Lower Upper

232 100

131 55.7 0.9 1.3#

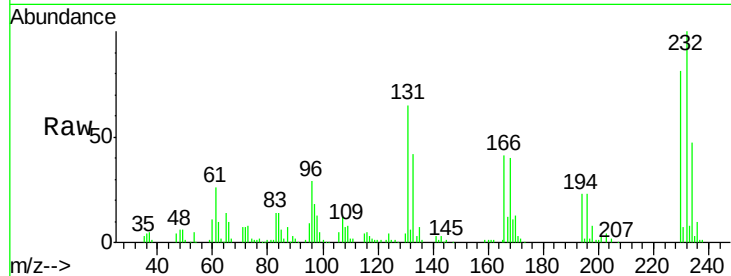
130 3.0 1.5 2.3#

166 36.1 0.5 0.7#

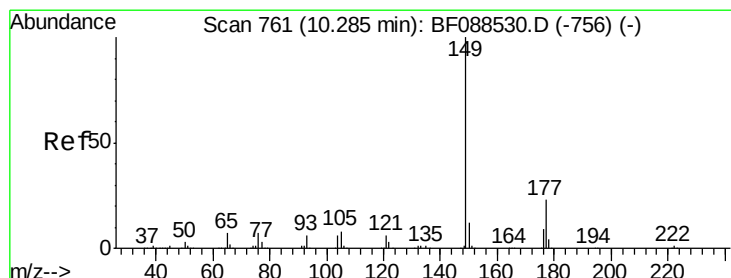
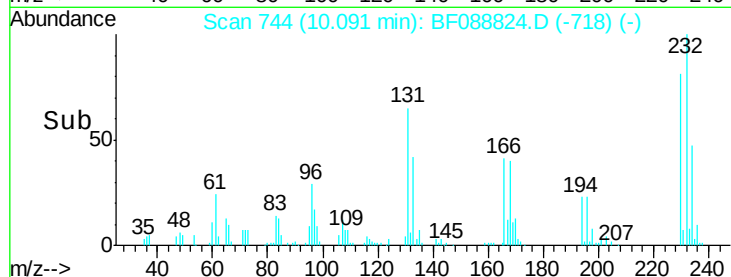
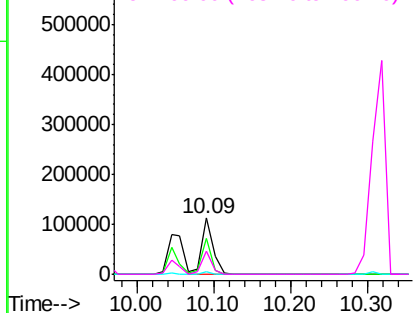
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Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E



#59

Diethylphthalate

Concen: 46.33 ng

RT: 10.20 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF088824.D

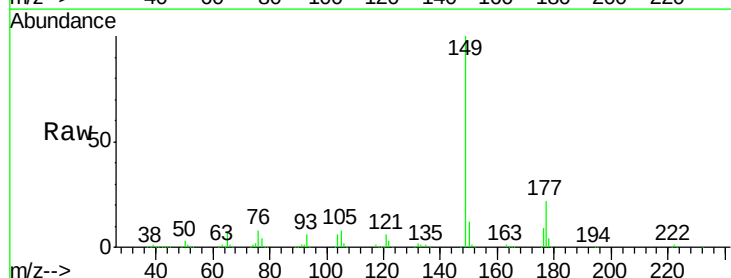
Acq: 8 Jul 2016 14:31

Tgt Ion:149 Resp: 563506
Ion Ratio Lower Upper

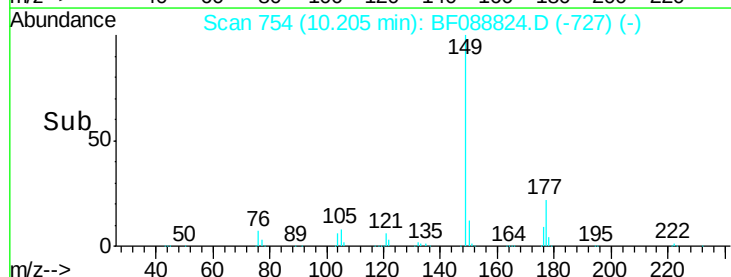
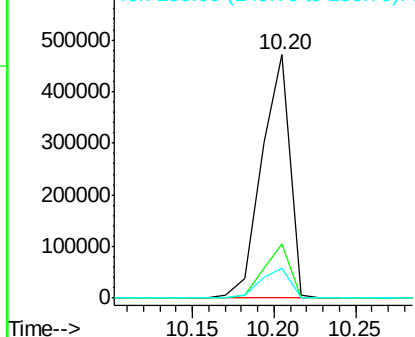
149 100

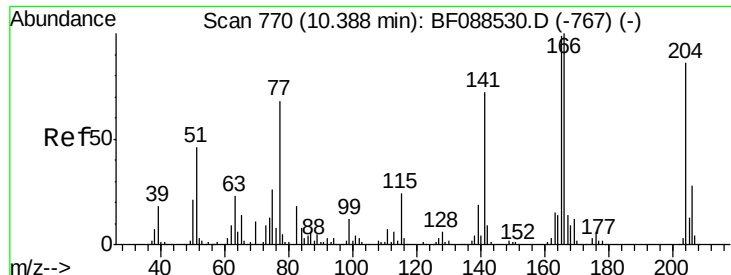
177 22.0 16.9 25.3

150 12.3 10.1 15.1



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





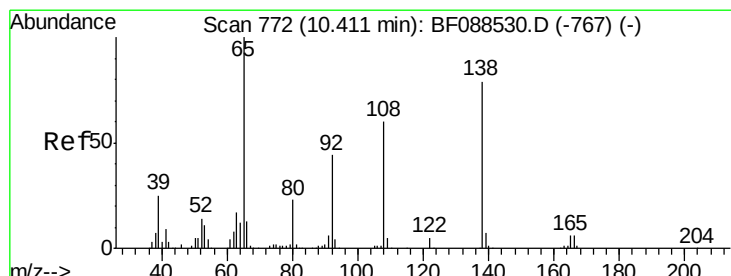
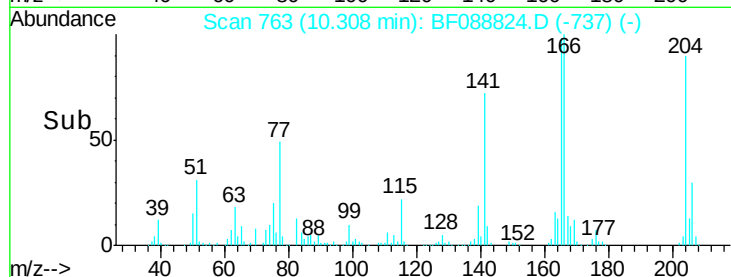
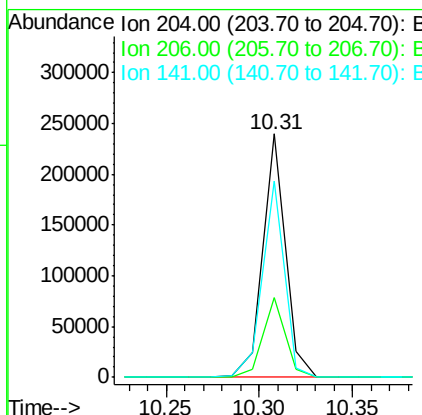
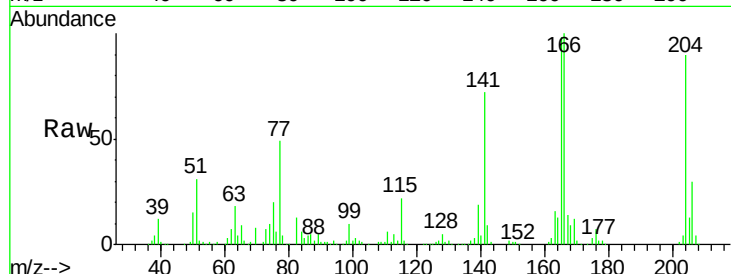
#60
 4-Chlorophenyl-phenylether
 Concen: 39.58 ng
 RT: 10.31 min Scan# 763
 Delta R.T. 0.00 min
 Lab File: BF088824.D
 Acq: 8 Jul 2016 14:31

Instrument :
 BNA_F
 ClientSampleId :
 PB91874BS

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	200062		
206	32.9	26.3	39.5	
141	80.4	55.0	82.6	

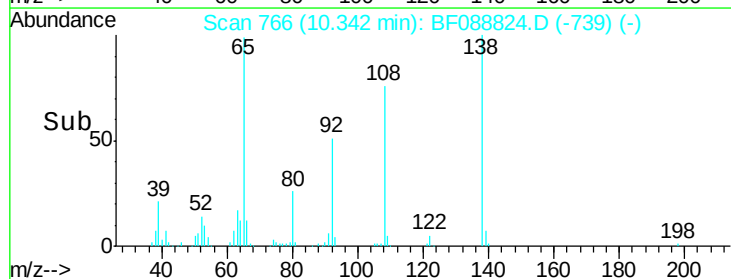
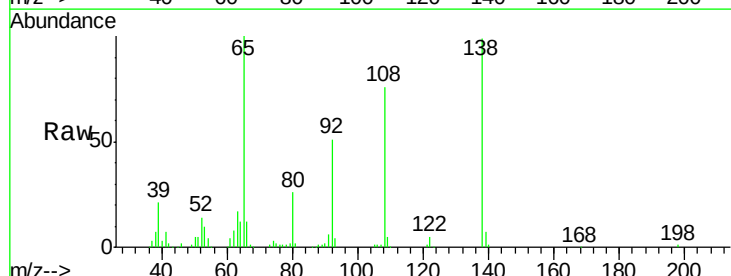
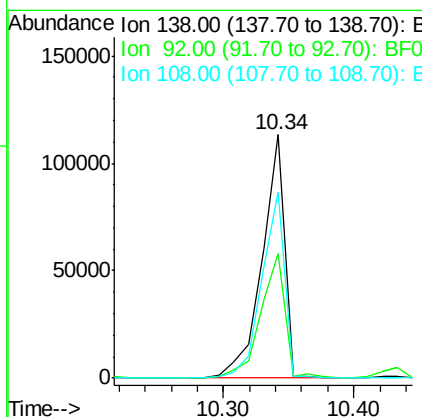
Manual Integrations
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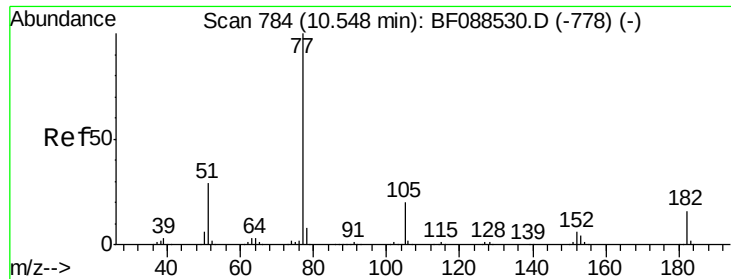
UMANGI
 7/10/2016 12:33:46 AM



#61
 4-Nitroaniline
 Concen: 41.67 ng
 RT: 10.34 min Scan# 766
 Delta R.T. 0.01 min
 Lab File: BF088824.D
 Acq: 8 Jul 2016 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	136943		
92	51.0	27.3	67.3	
108	76.5	46.7	86.7	





#62

Azobenzene

Concen: 42.69 ng

RT: 10.47 min Scan# 777

Delta R.T. 0.00 min

Lab File: BF088824.D

Acq: 8 Jul 2016 14:31

Instrument :

BNA_F

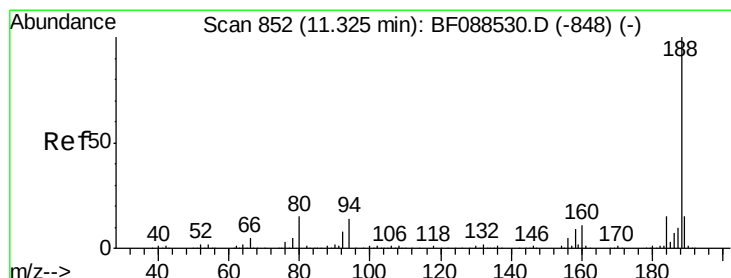
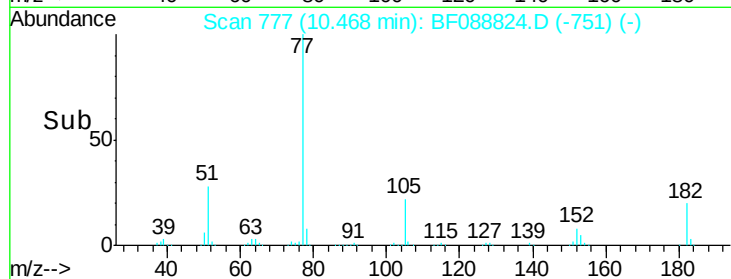
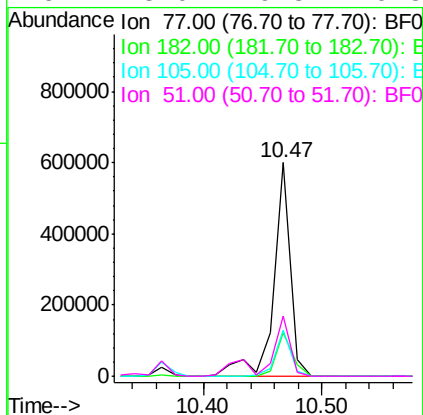
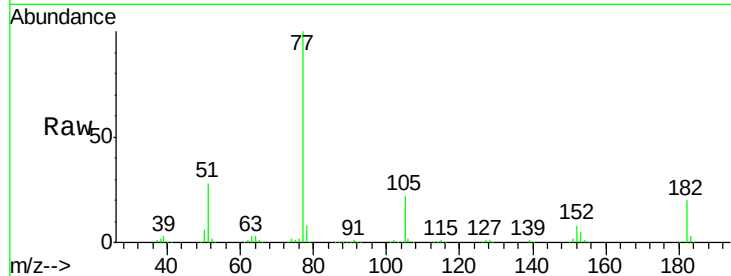
ClientSampleId :

PB91874BS

Tgt Ion	Ion	Ratio	Lower	Upper
77	100			
182	20.1	4.4	44.4	
105	21.8	3.8	43.8	
51	28.0	9.3	49.3	

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#63

Phenanthrene-d10

Concen: 20.00 ng

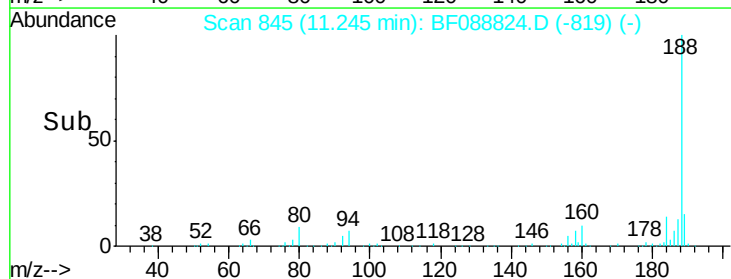
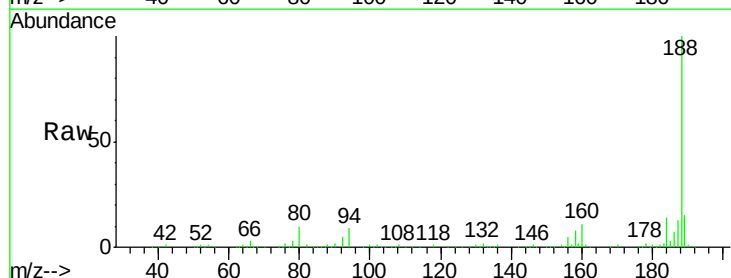
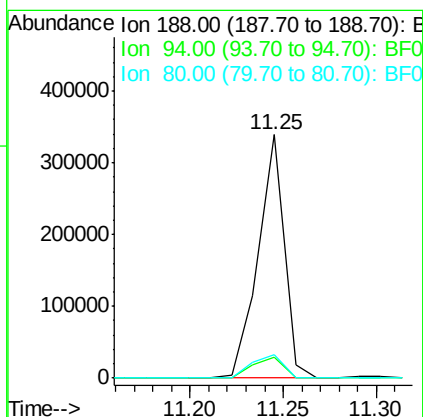
RT: 11.25 min Scan# 845

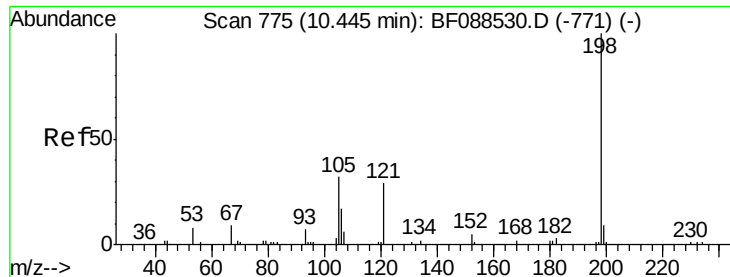
Delta R.T. 0.00 min

Lab File: BF088824.D

Acq: 8 Jul 2016 14:31

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.6	9.0	13.6#	
80	9.6	10.0	15.0#	





#64

4,6-Dinitro-2-methylphenol

Concen: 42.07 ng

RT: 10.36 min Scan# 768

Delta R.T. 0.00 min

Lab File: BF088824.D

Acq: 8 Jul 2016 14:31

Instrument :

BNA_F

ClientSampleId :

PB91874BS

Tgt Ion:198 Resp: 73683

Ion Ratio Lower Upper

198 100

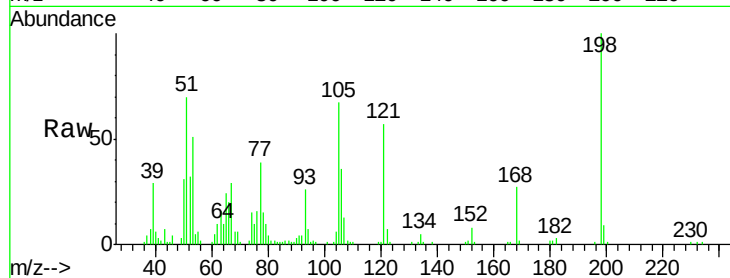
51 70.3 39.6 79.6

105 66.8 36.6 76.6

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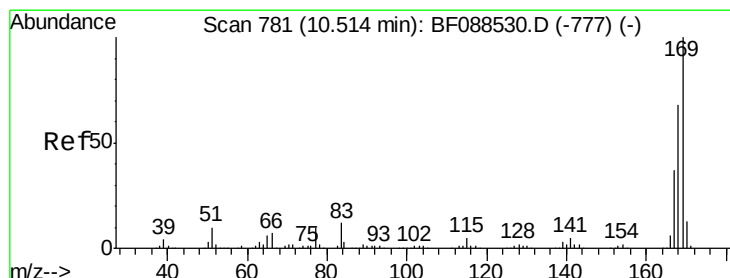
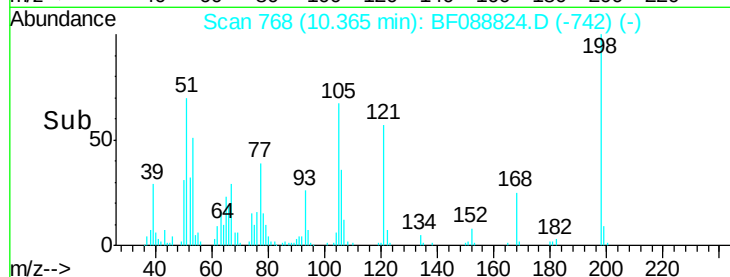
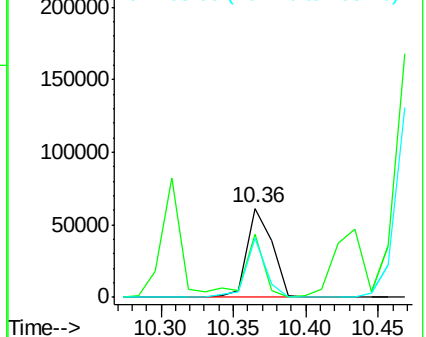
7/10/2016 12:33:46 AM



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 42.58 ng

RT: 10.43 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF088824.D

Acq: 8 Jul 2016 14:31

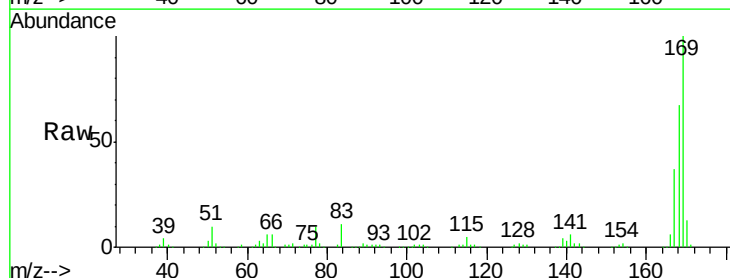
Tgt Ion:169 Resp: 471877

Ion Ratio Lower Upper

169 100

168 67.5 53.4 80.0

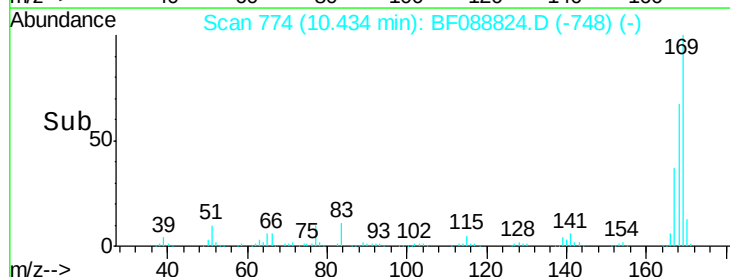
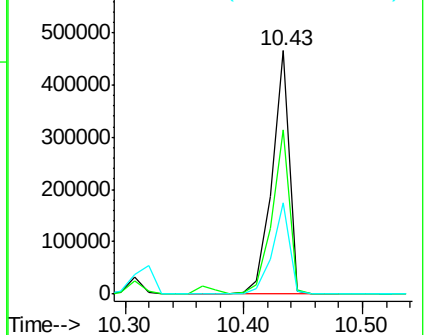
167 37.3 29.4 44.0

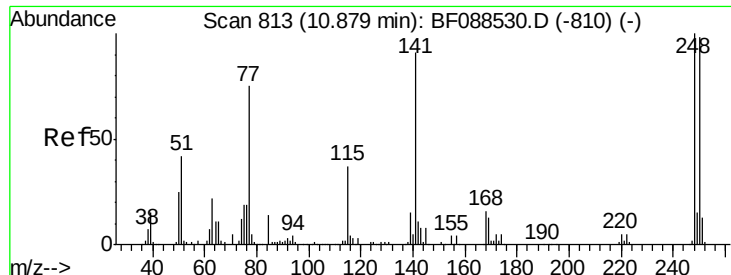


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





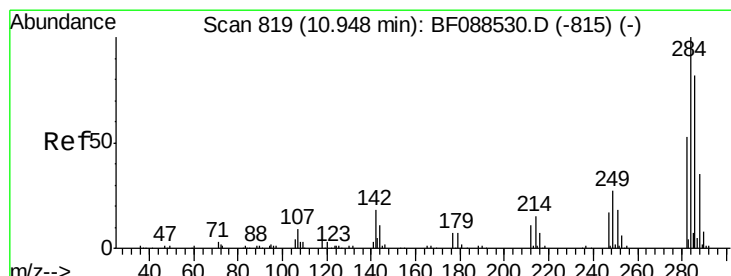
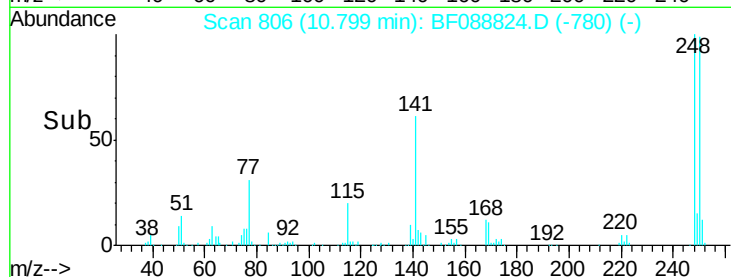
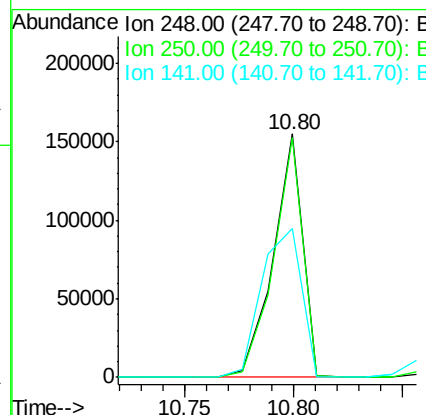
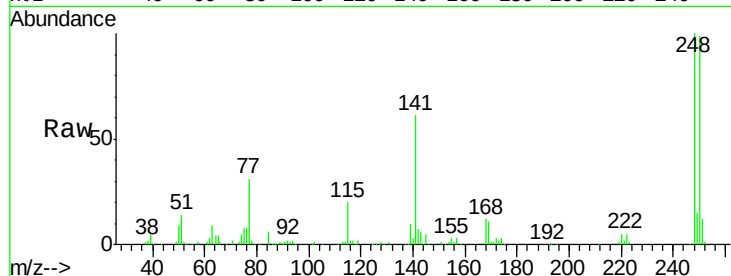
#66
 4-Bromophenyl-phenylether
 Concen: 44.66 ng
 RT: 10.80 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: BF088824.D
 Acq: 8 Jul 2016 14:31

Instrument :
 BNA_F
 ClientSampleId :
 PB91874BS

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	147355		
250	98.6	77.1	115.7	
141	61.1	50.6	76.0	

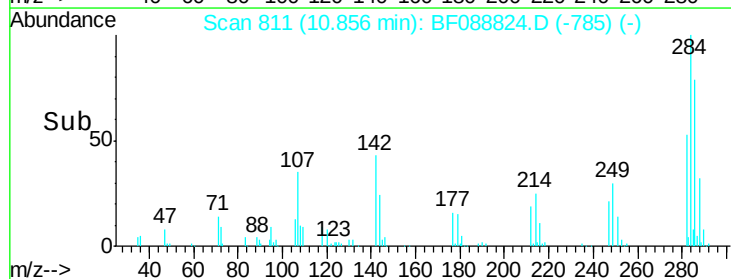
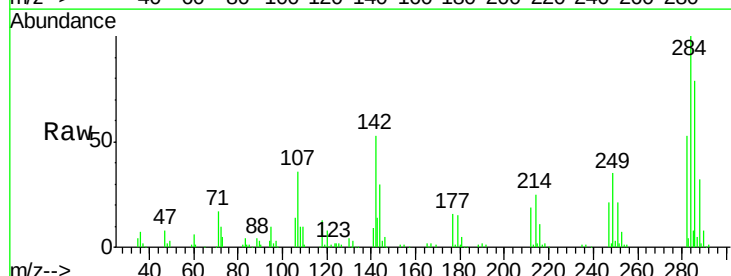
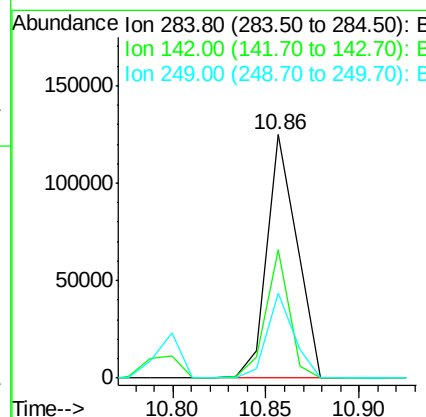
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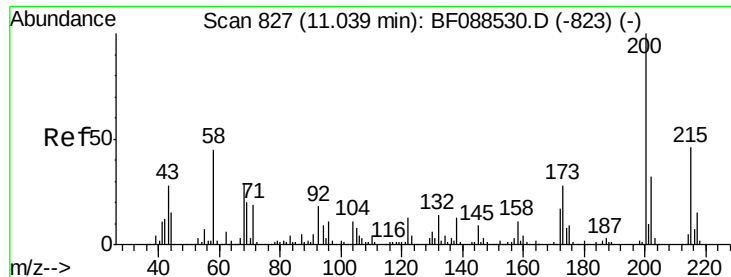
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#67
 Hexachlorobenzene
 Concen: 37.83 ng
 RT: 10.86 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: BF088824.D
 Acq: 8 Jul 2016 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	138171		
142	52.9	35.8	53.8	
249	34.8	25.8	38.6	





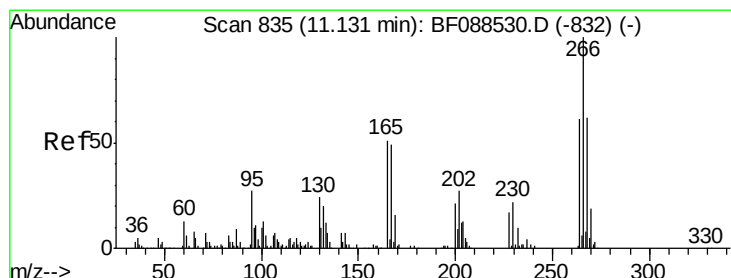
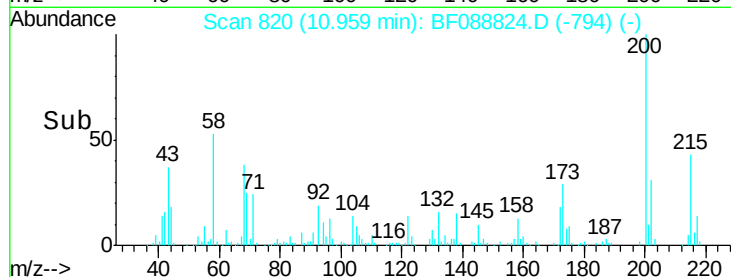
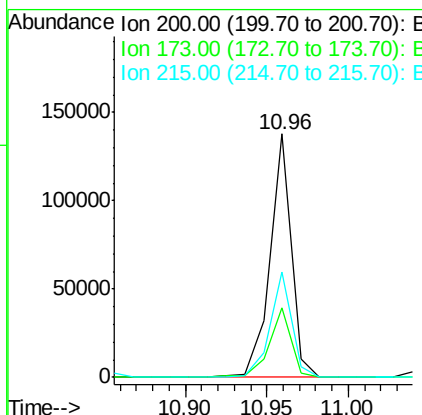
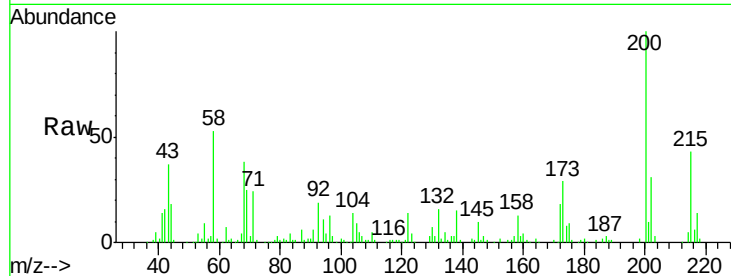
#68
Atrazine
Concen: 36.33 ng
RT: 10.96 min Scan# 820
Delta R.T. 0.00 min
Lab File: BF088824.D
Acq: 8 Jul 2016 14:31

Instrument :
BNA_F
ClientSampleId :
PB91874BS

Tgt	Ion	Ratio	Resp	Lower	Upper
200	100		125455		
173	28.7	4.0	44.0		
215	43.5	29.3	69.3		

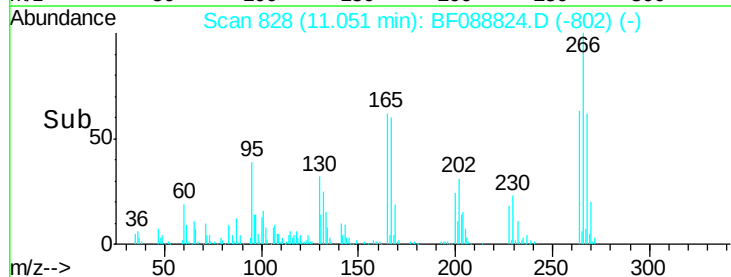
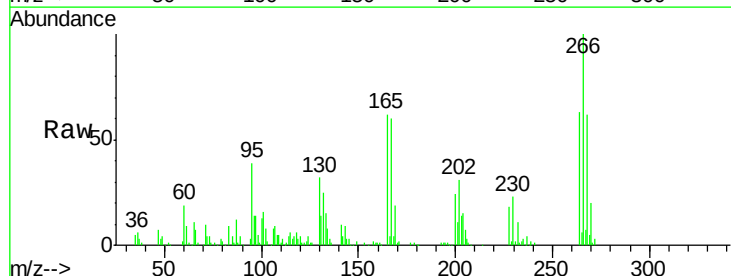
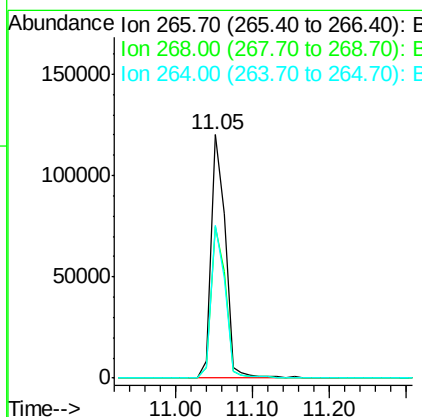
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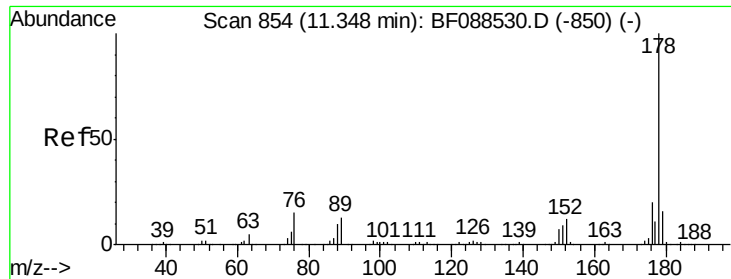
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#69
Pentachlorophenol
Concen: 71.10 ng
RT: 11.05 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF088824.D
Acq: 8 Jul 2016 14:31

Tgt	Ion	Ratio	Resp	Lower	Upper
266	100		153698		
268	62.0	52.8	79.2		
264	62.8	49.6	74.4		





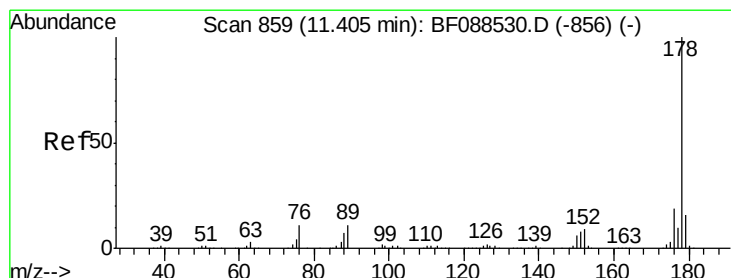
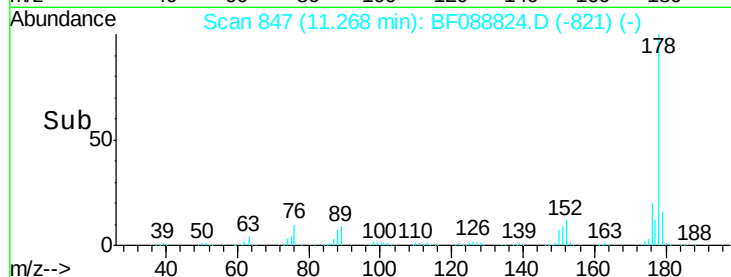
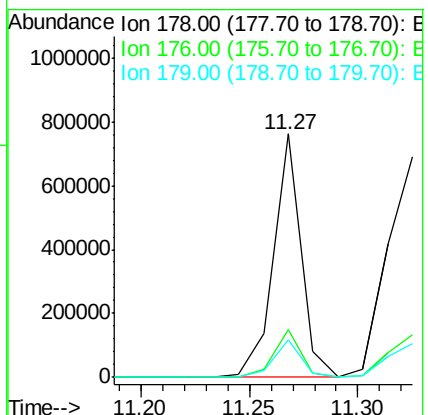
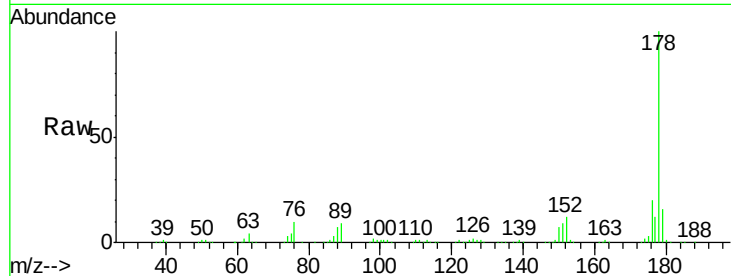
#70
Phenanthrene
Concen: 38.11 ng
RT: 11.27 min Scan# 847
Delta R.T. 0.00 min
Lab File: BF088824.D
Acq: 8 Jul 2016 14:31

Instrument :
BNA_F
ClientSampleId :
PB91874BS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.6
179	15.6	13.0	19.4

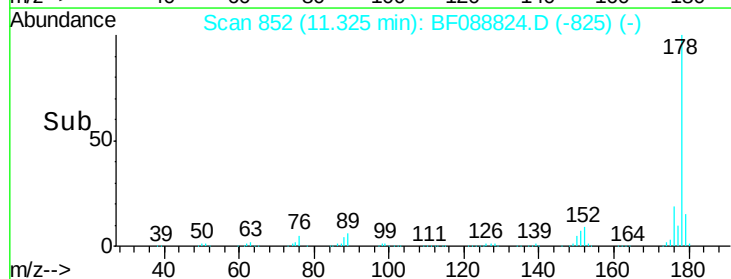
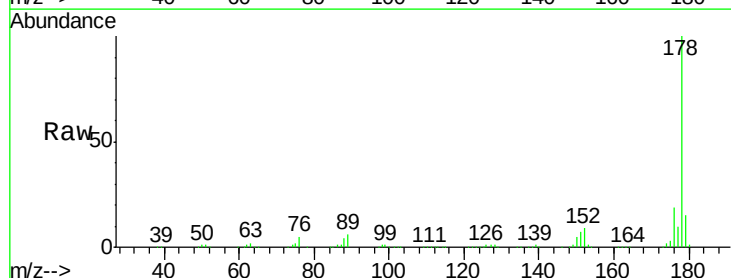
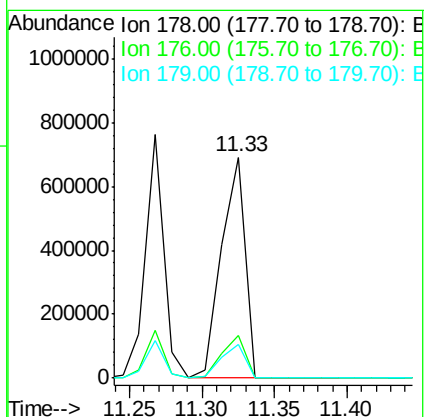
Manual Integrations
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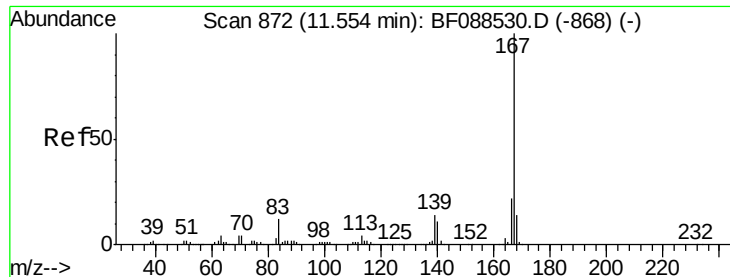
UMANGI
7/10/2016 12:33:46 AM



#71
Anthracene
Concen: 43.76 ng
RT: 11.33 min Scan# 852
Delta R.T. 0.01 min
Lab File: BF088824.D
Acq: 8 Jul 2016 14:31

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.6	23.4
179	15.4	12.8	19.2





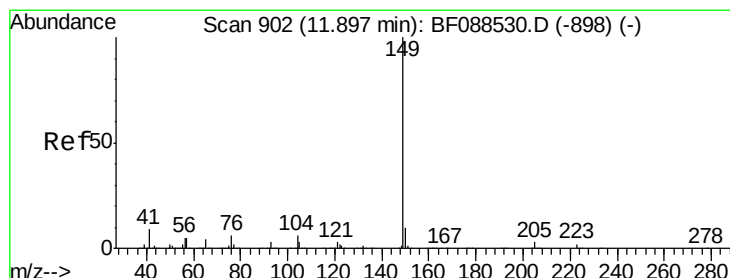
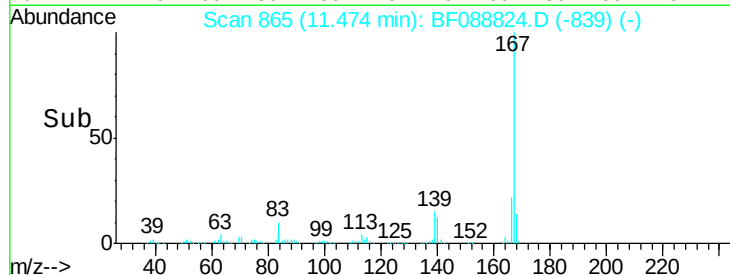
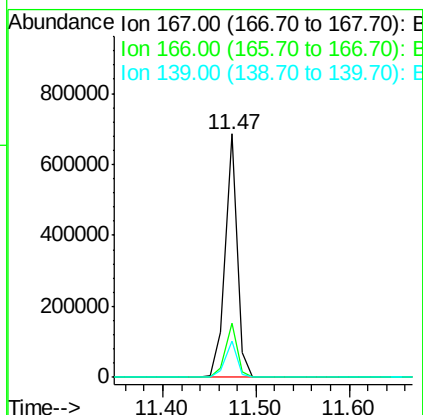
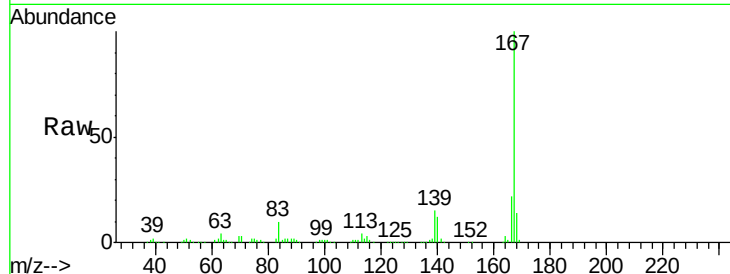
#72
 Carbazole
 Concen: 36.55 ng
 RT: 11.47 min Scan# 865
 Delta R.T. 0.00 min
 Lab File: BF088824.D
 Acq: 8 Jul 2016 14:31

Instrument :
 BNA_F
 ClientSampleId :
 PB91874BS

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	612215		
166	22.1		17.8	26.6
139	15.0		11.2	16.8

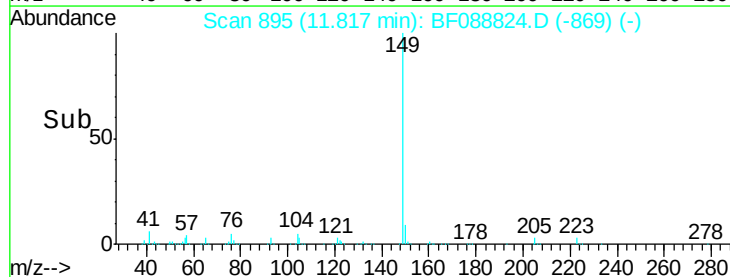
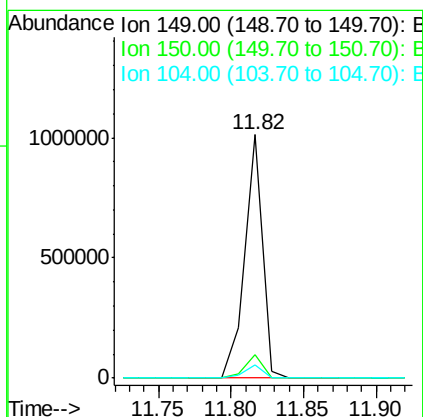
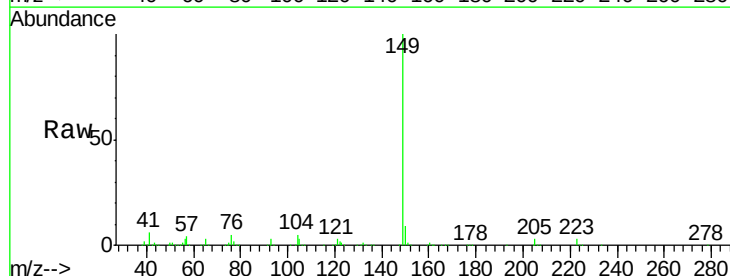
Manual Integrations
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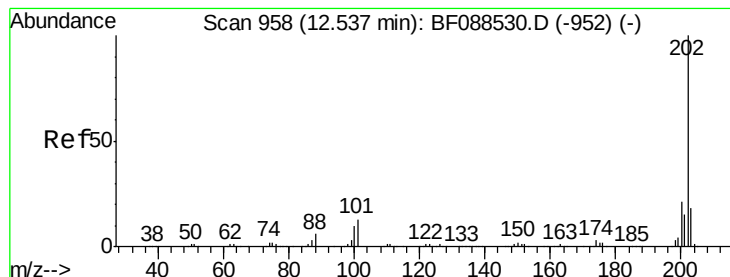
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 7/10/2016 12:33:46 AM



#73
 Di-n-butylphthalate
 Concen: 44.29 ng
 RT: 11.82 min Scan# 895
 Delta R.T. 0.00 min
 Lab File: BF088824.D
 Acq: 8 Jul 2016 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	862984		
150	9.4		7.8	11.6
104	5.5		4.0	6.0





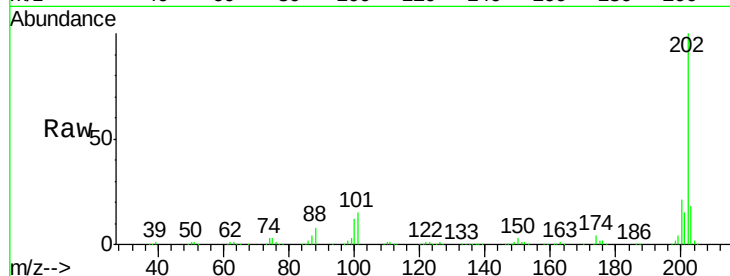
#74
Fluoranthene
 Concen: 37.56 ng
 RT: 12.45 min Scan# 950
 Delta R.T. 0.00 min
 Lab File: BF088824.D
 Acq: 8 Jul 2016 14:31

Instrument :
 BNA_F
 ClientSampleId :
 PB91874BS

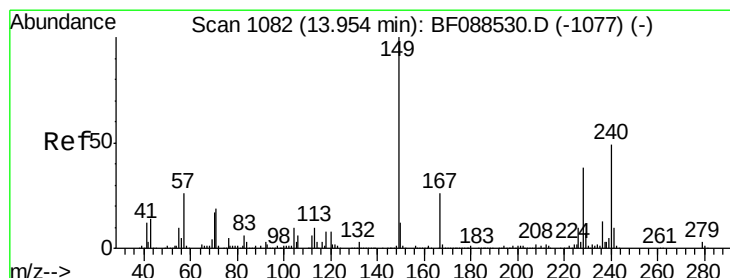
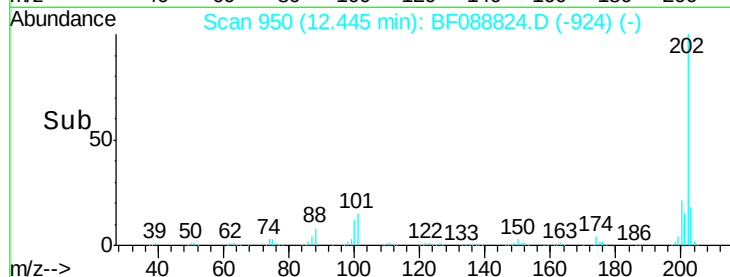
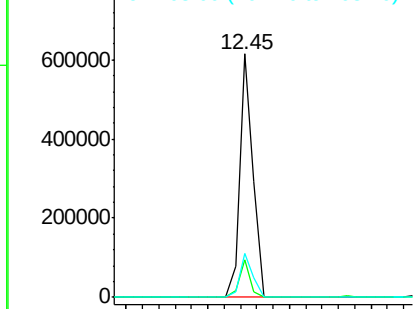
Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	15.4	0.0	33.1
203	18.2	0.0	38.1

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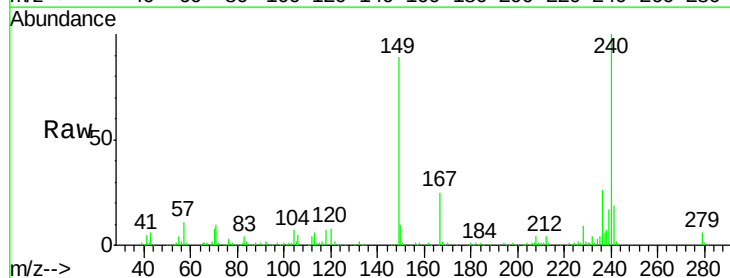


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

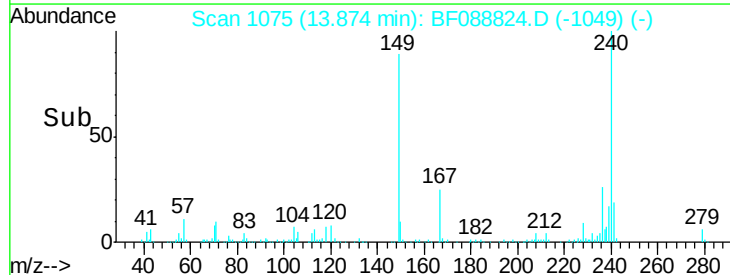
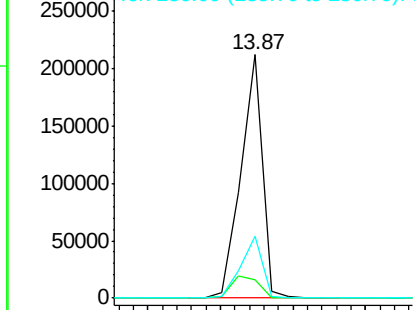


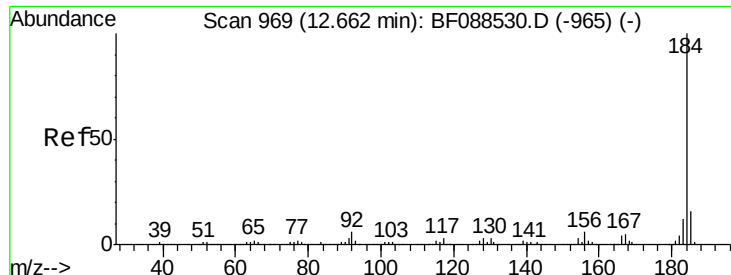
#75
Chrysene-d12
 Concen: 20.00 ng
 RT: 13.87 min Scan# 1075
 Delta R.T. 0.00 min
 Lab File: BF088824.D
 Acq: 8 Jul 2016 14:31

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	7.5	6.8	10.2
236	25.5	20.2	30.2



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





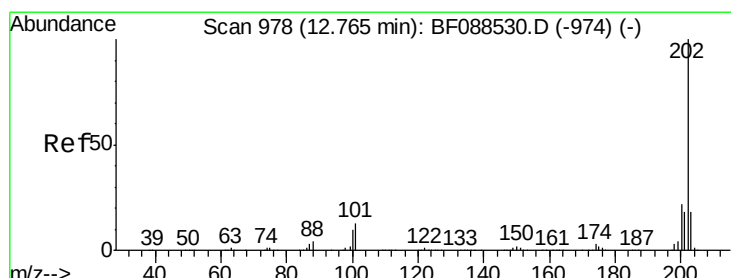
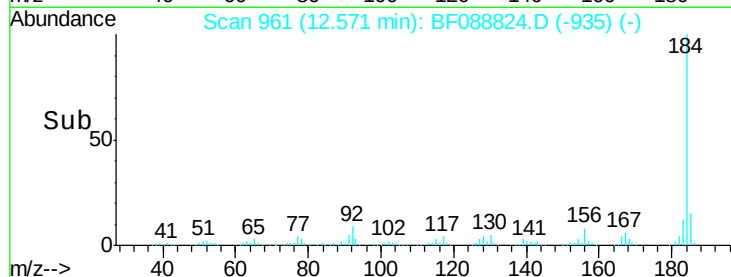
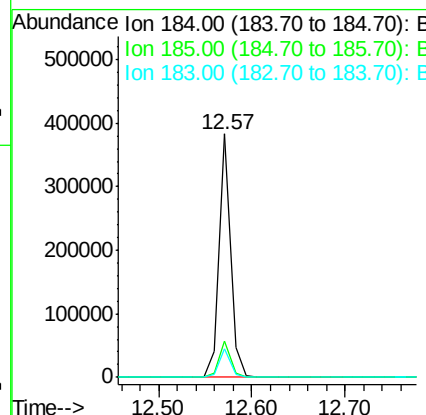
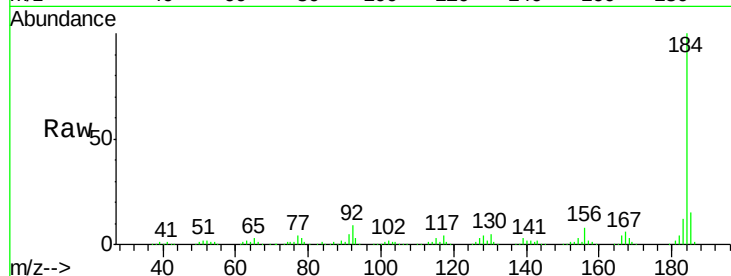
#76
Benzidine
Concen: 29.89 ng
RT: 12.57 min Scan# 961
Delta R.T. 0.00 min
Lab File: BF088824.D
Acq: 8 Jul 2016 14:31

Instrument :
BNA_F
ClientSampleId :
PB91874BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	328432		
185	14.7	12.5	18.7	
183	11.9	9.3	13.9	

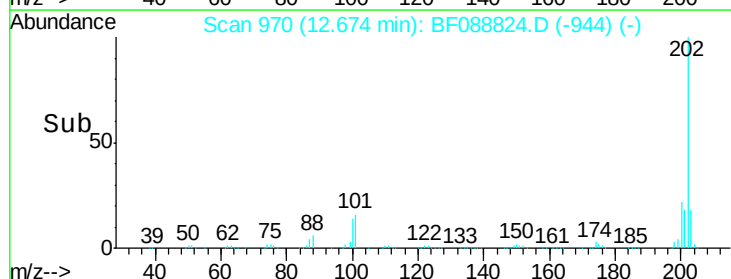
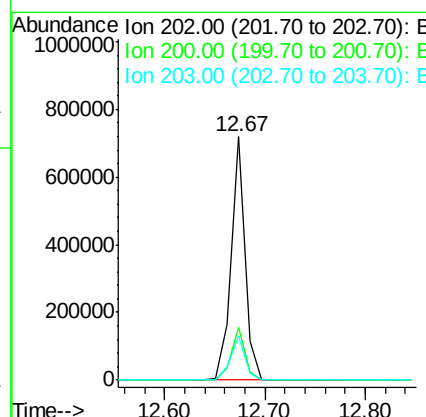
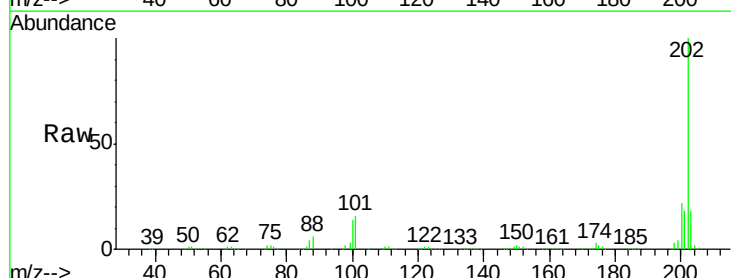
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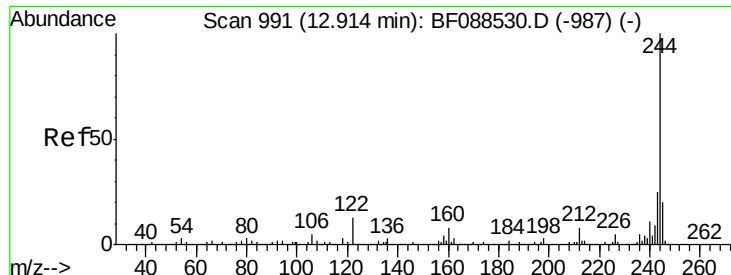
UMANGI
7/10/2016 12:33:46 AM



#77
Pyrene
Concen: 37.39 ng
RT: 12.67 min Scan# 970
Delta R.T. 0.00 min
Lab File: BF088824.D
Acq: 8 Jul 2016 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	689350		
200	21.9	17.4	26.2	
203	17.9	14.5	21.7	





#78

Terphenyl-d14

Concen: 86.68 ng

RT: 12.82 min Scan# 983

Delta R.T. 0.00 min

Lab File: BF088824.D

Acq: 8 Jul 2016 14:31

Instrument :

BNA_F

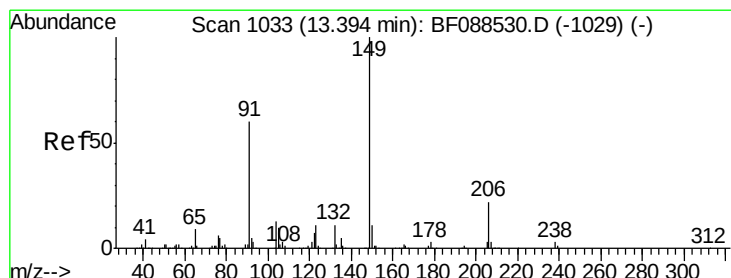
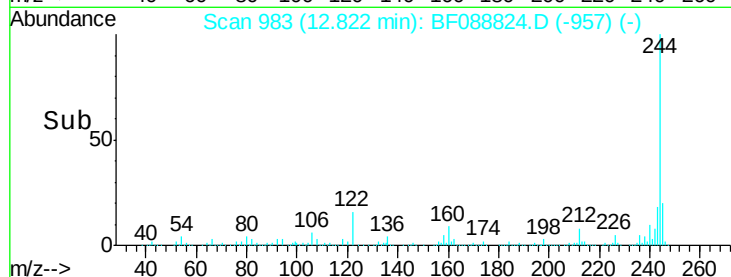
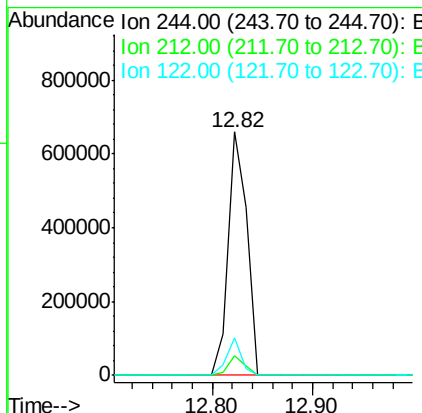
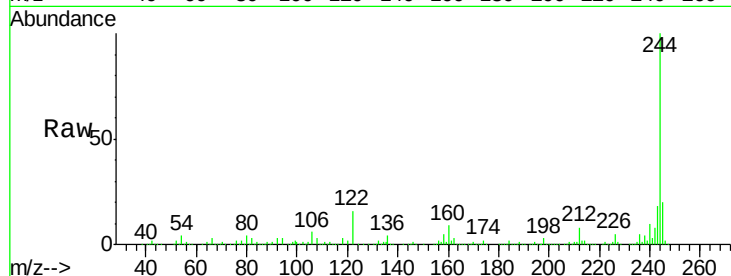
ClientSampleId :

PB91874BS

Tgt Ion:	244	Resp:	846118
Ion Ratio	Lower	Upper	
244	100		
212	8.0	6.0	9.0
122	15.6	11.2	16.8

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#79

Butylbenzylphthalate

Concen: 39.79 ng

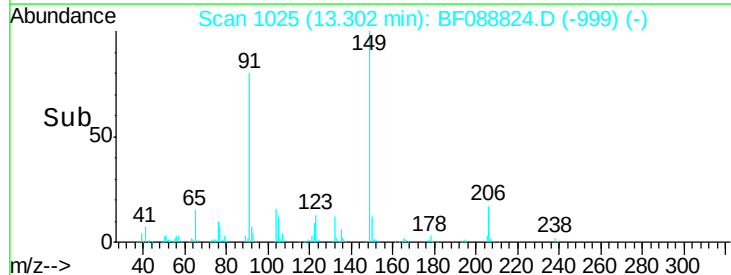
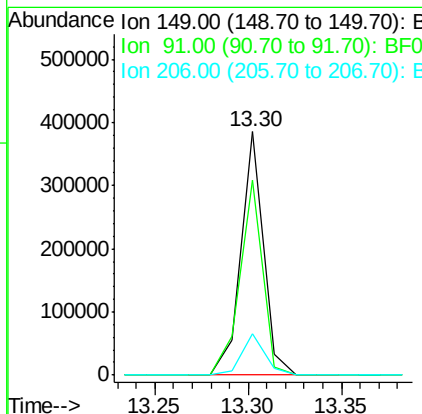
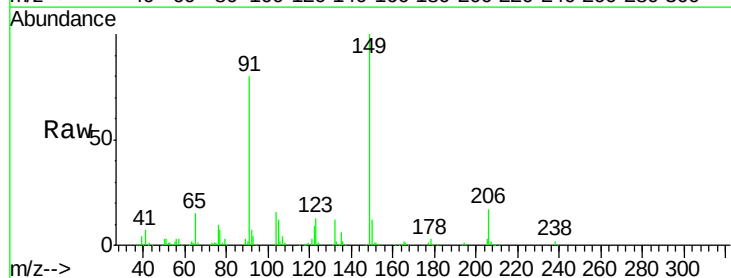
RT: 13.30 min Scan# 1025

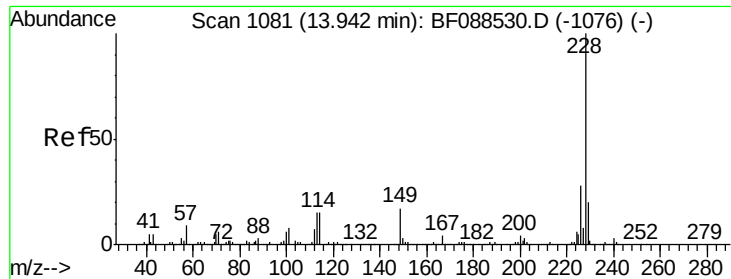
Delta R.T. 0.00 min

Lab File: BF088824.D

Acq: 8 Jul 2016 14:31

Tgt Ion:	149	Resp:	327159
Ion Ratio	Lower	Upper	
149	100		
91	80.2	48.0	72.0#
206	16.7	16.0	24.0





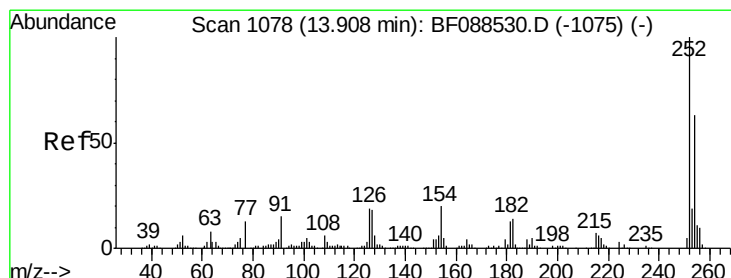
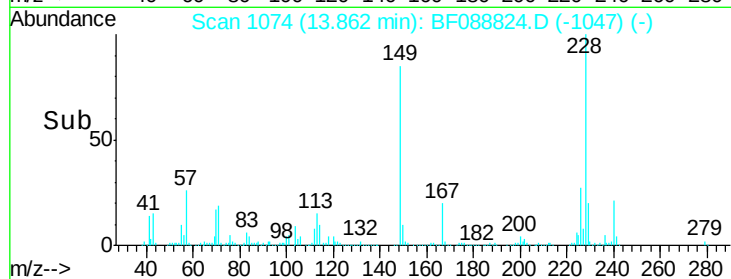
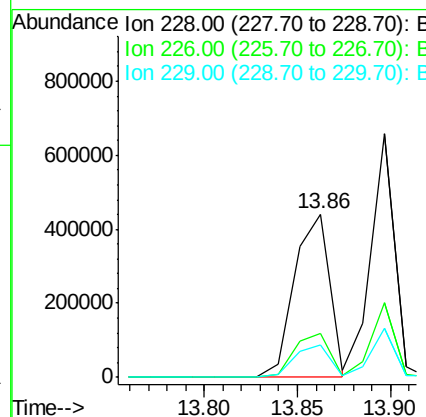
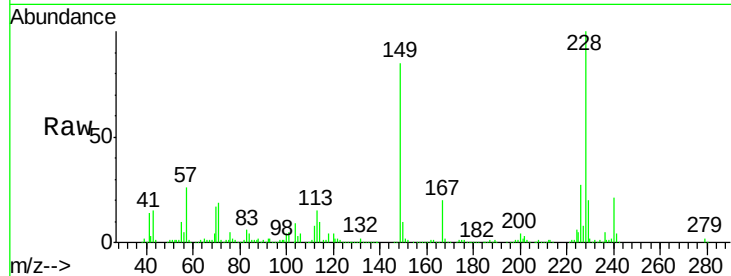
#80
Benzo(a)anthracene
Concen: 41.54 ng
RT: 13.86 min Scan# 1074
Delta R.T. 0.01 min
Lab File: BF088824.D
Acq: 8 Jul 2016 14:31

Instrument :
BNA_F
ClientSampleId :
PB91874BS

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.3	33.5
229	19.5	16.0	24.0

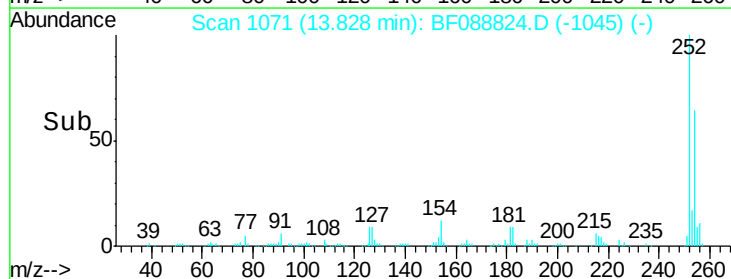
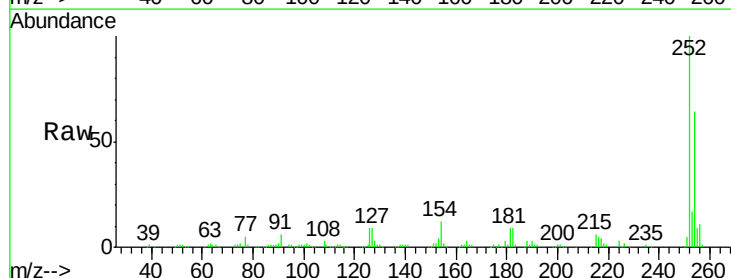
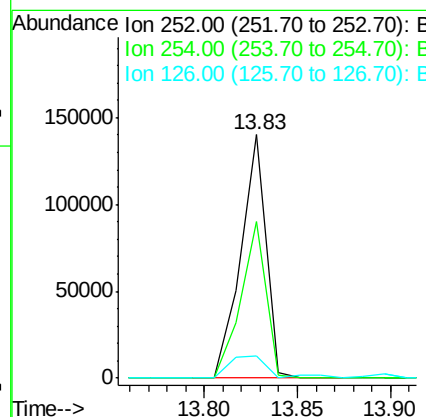
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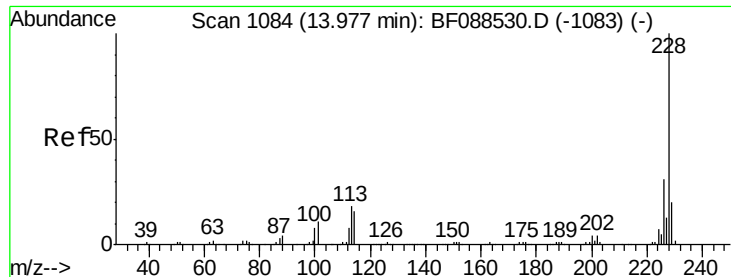
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#81
3,3'-Dichlorobenzidine
Concen: 25.24 ng
RT: 13.83 min Scan# 1071
Delta R.T. 0.00 min
Lab File: BF088824.D
Acq: 8 Jul 2016 14:31

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.2	52.6	78.8
126	8.9	6.2	9.2





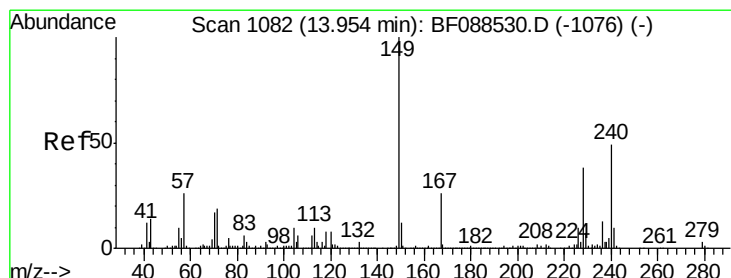
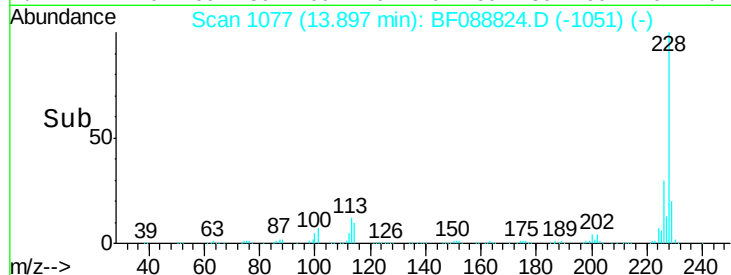
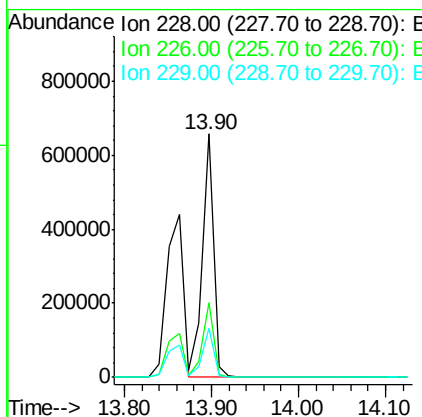
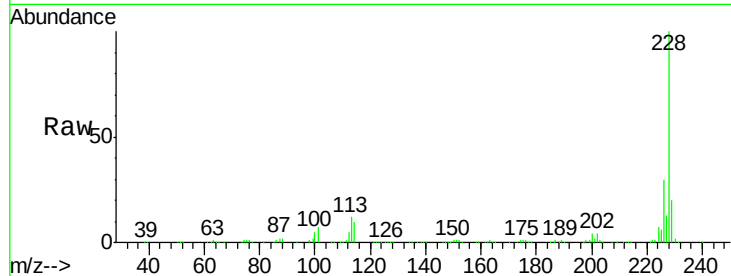
#82
 Chrysene
 Concen: 41.66 ng
 RT: 13.90 min Scan# 1077
 Delta R.T. 0.00 min
 Lab File: BF088824.D
 Acq: 8 Jul 2016 14:31

Instrument :
 BNA_F
 ClientSampleId :
 PB91874BS

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.4	38.2
229	20.0	16.3	24.5

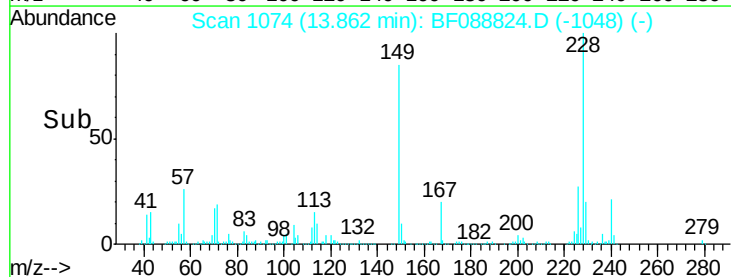
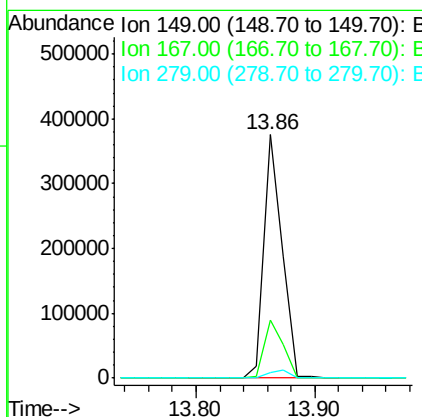
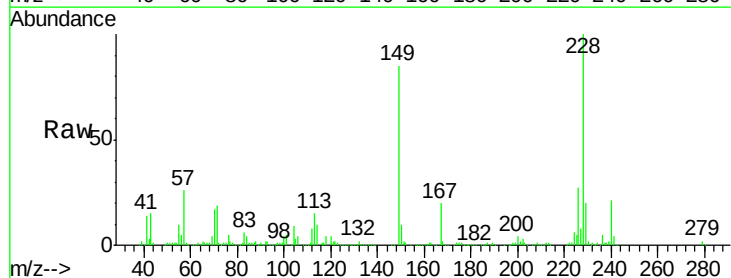
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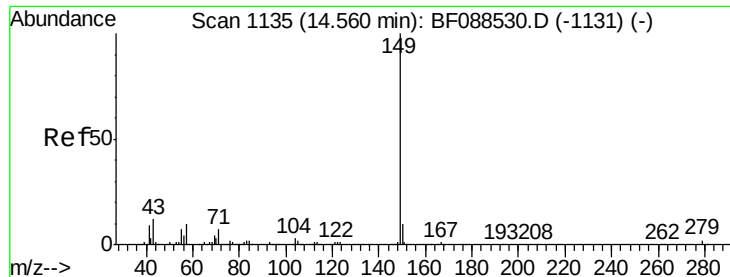
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#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.05 ng
 RT: 13.86 min Scan# 1074
 Delta R.T. 0.00 min
 Lab File: BF088824.D
 Acq: 8 Jul 2016 14:31

Tgt Ion	Ratio	Lower	Upper
149	100		
167	24.0	20.5	30.7
279	2.1	2.0	3.0





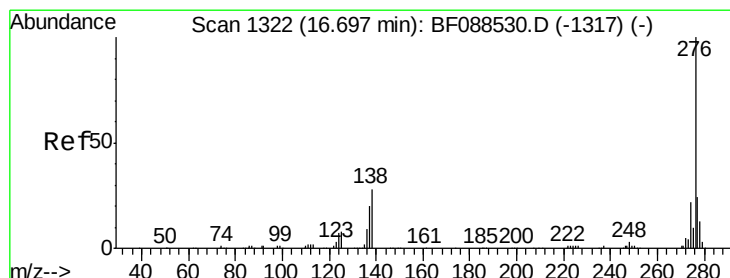
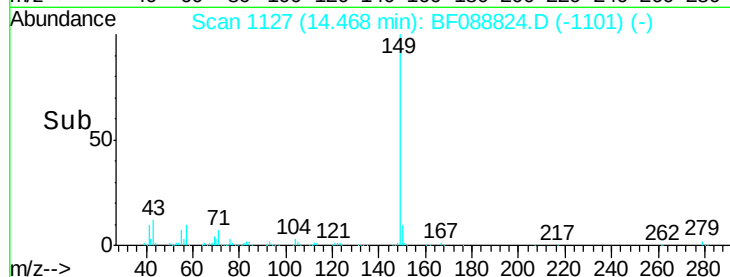
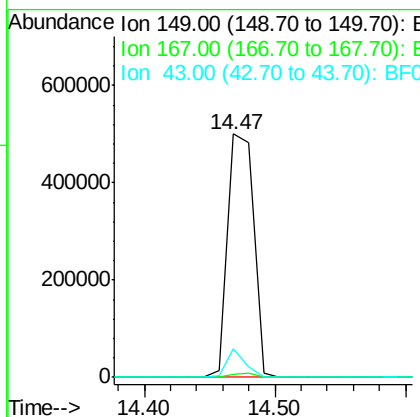
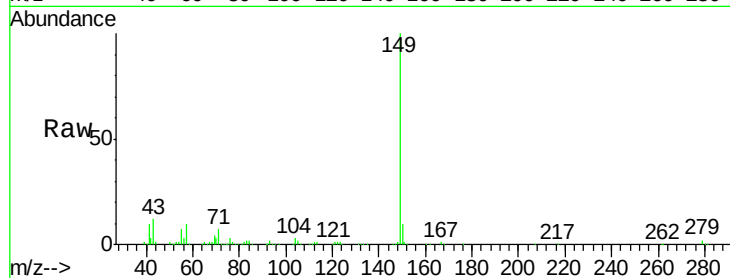
#84
Di-n-octyl phthalate
Concen: 43.25 ng
RT: 14.47 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BF088824.D
Acq: 8 Jul 2016 14:31

Instrument :
BNA_F
ClientSampleId :
PB91874BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	1.4	0.0	0.0#
43	8.7	0.0	0.0#

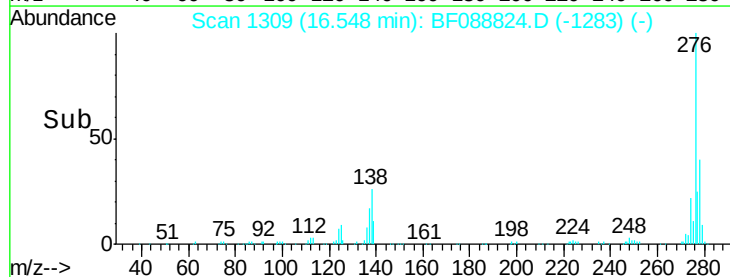
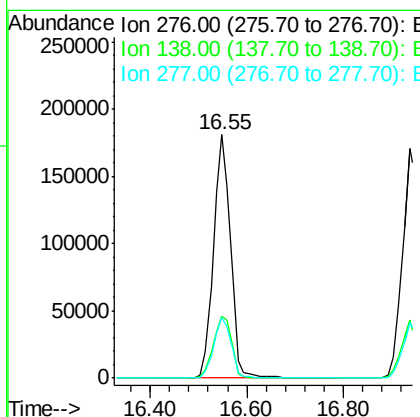
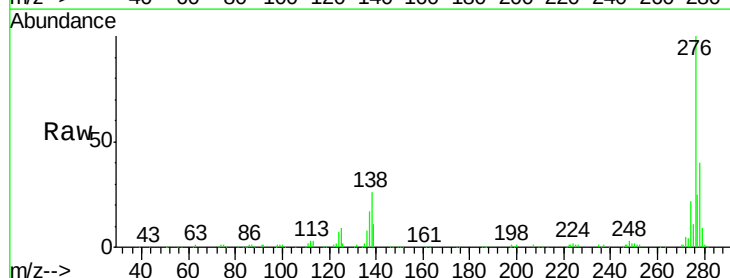
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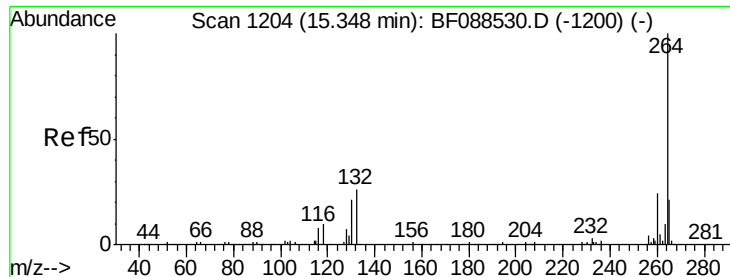
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#85
Indeno(1,2,3-cd)pyrene
Concen: 42.07 ng
RT: 16.55 min Scan# 1309
Delta R.T. 0.00 min
Lab File: BF088824.D
Acq: 8 Jul 2016 14:31

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	27.5	0.0	0.0#
277	25.3	0.0	0.0#





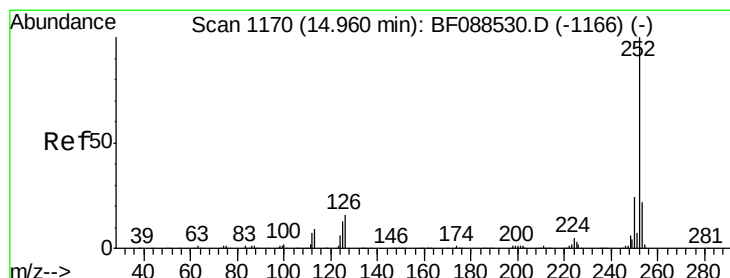
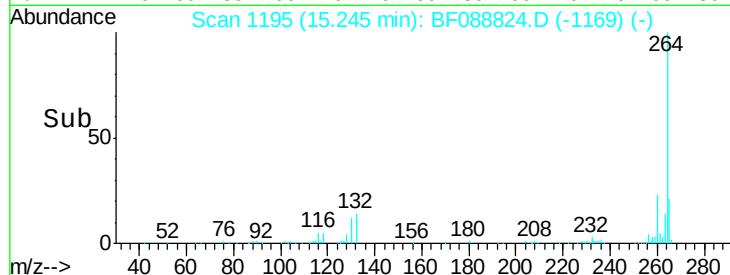
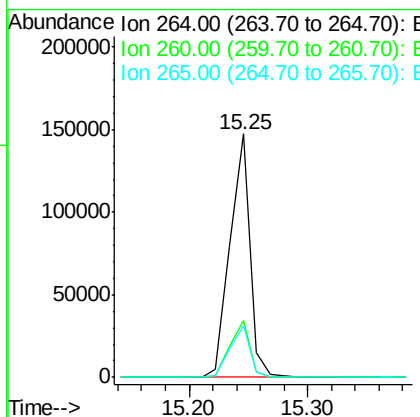
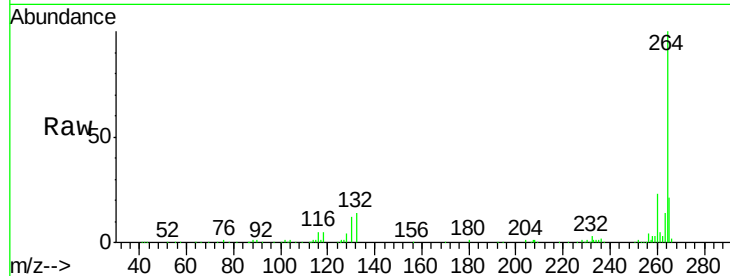
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.25 min Scan# 1195
Delta R.T. 0.00 min
Lab File: BF088824.D
Acq: 8 Jul 2016 14:31

Instrument :
BNA_F
ClientSampleId :
PB91874BS

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	171252		
260	23.4	19.2	28.8	
265	21.3	16.9	25.3	

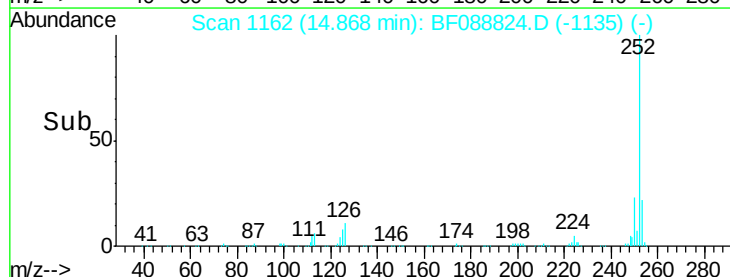
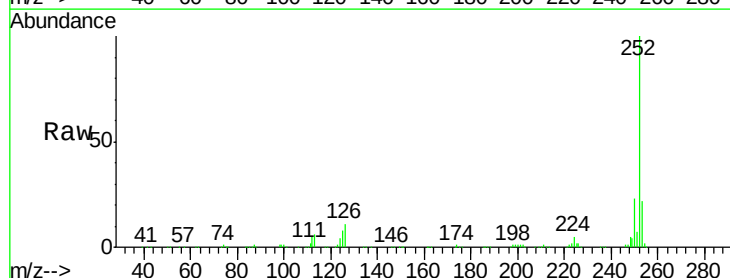
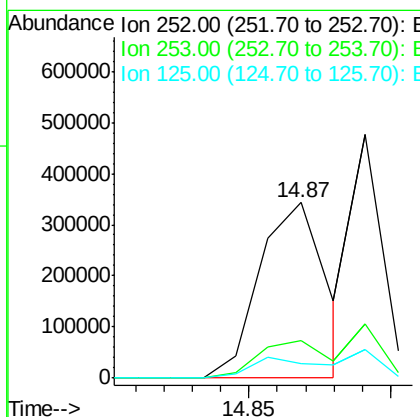
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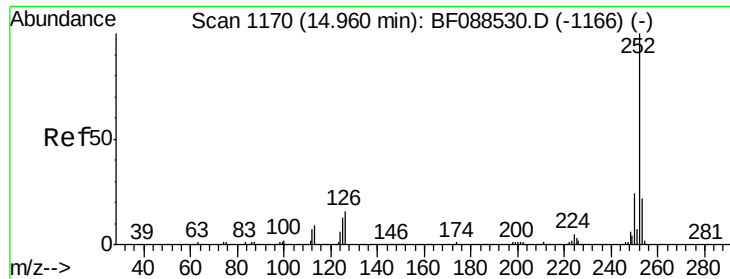
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#87
Benzo(b)fluoranthene
Concen: 51.89 ng m
RT: 14.87 min Scan# 1162
Delta R.T. 0.01 min
Lab File: BF088824.D
Acq: 8 Jul 2016 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	557487		
253	21.7	17.4	26.2	
125	8.4	7.1	10.7	





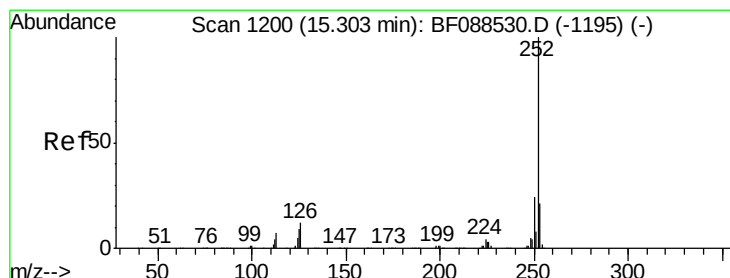
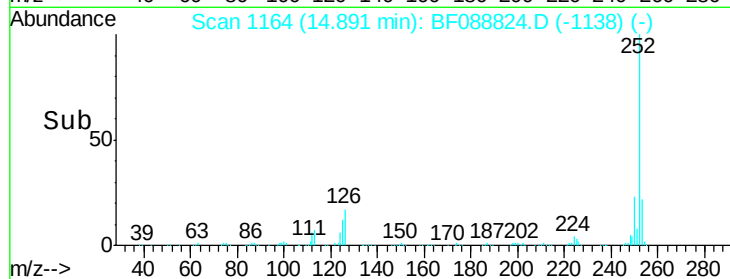
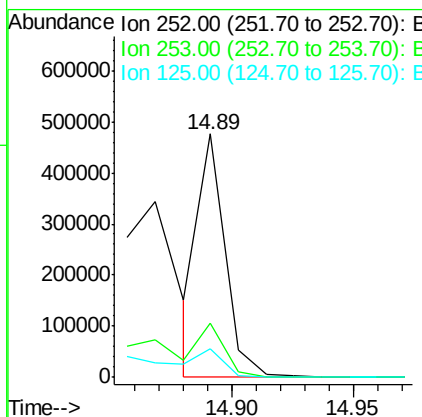
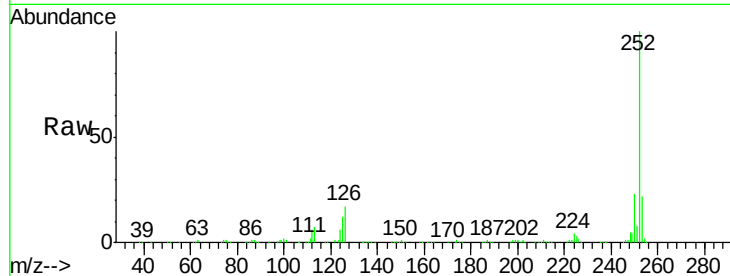
#88
Benzo(k)fluoranthene
Concen: 39.84 ng m
RT: 14.89 min Scan# 1164
Delta R.T. 0.00 min
Lab File: BF088824.D
Acq: 8 Jul 2016 14:31

Instrument :
BNA_F
ClientSampleId :
PB91874BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.0	27.0
125	11.6	11.2	16.8

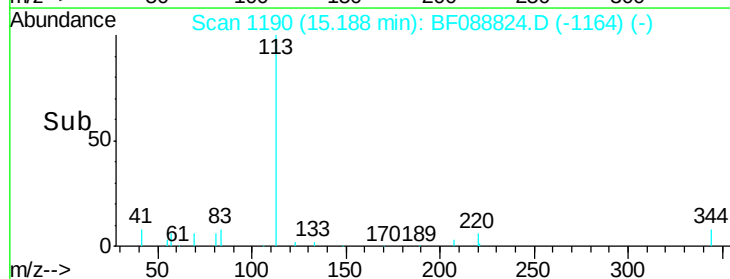
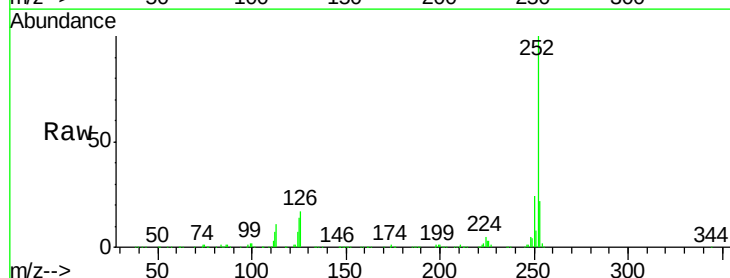
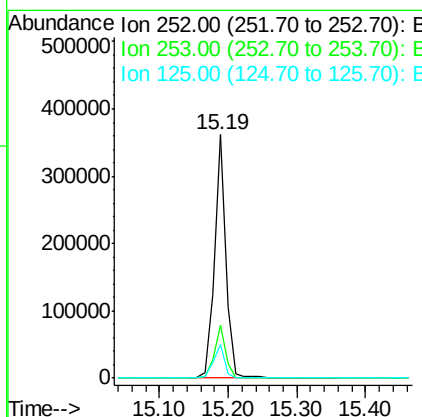
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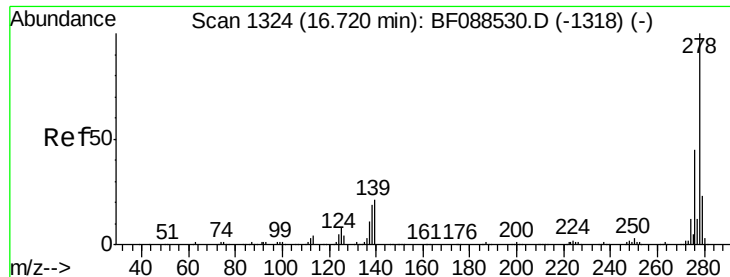
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#89
Benzo(a)pyrene
Concen: 46.67 ng
RT: 15.19 min Scan# 1190
Delta R.T. 0.00 min
Lab File: BF088824.D
Acq: 8 Jul 2016 14:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	14.0	12.5	18.7





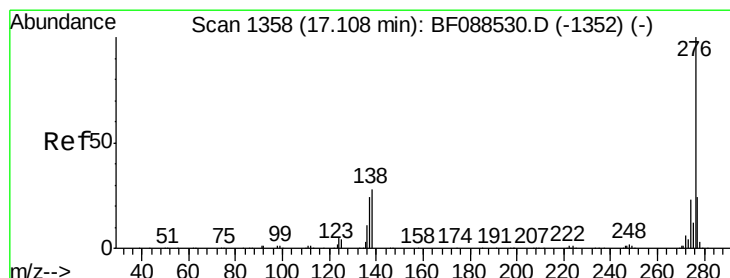
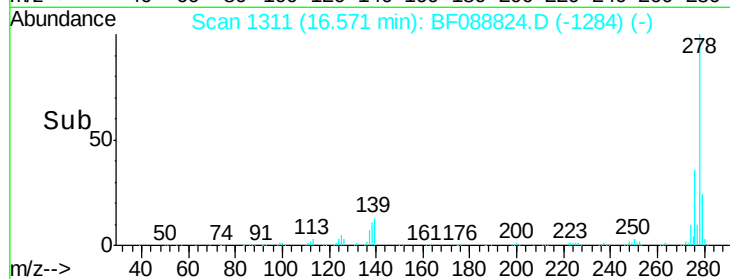
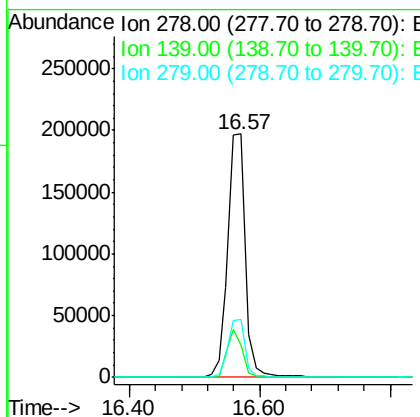
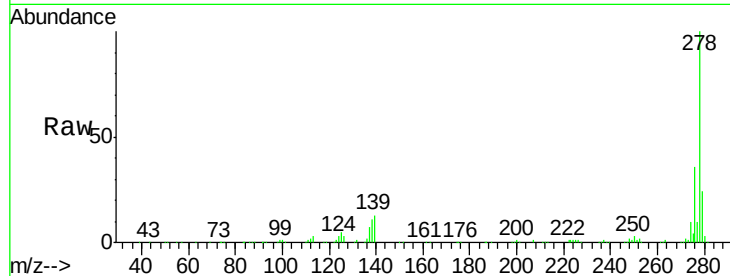
#90
Dibenzo(a,h)anthracene
Concen: 48.76 ng
RT: 16.57 min Scan# 1311
Delta R.T. 0.01 min
Lab File: BF088824.D
Acq: 8 Jul 2016 14:31

Instrument :
BNA_F
ClientSampleID :
PB91874BS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.1	15.7	23.5#
279	23.6	19.4	29.2

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#91
Benzo(g,h,i)perylene
Concen: 47.93 ng
RT: 16.94 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BF088824.D
Acq: 8 Jul 2016 14:31

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.9	28.3
138	25.1	21.4	32.2

