

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012516\
 Data File : BF084605.D
 Acq On : 25 Jan 2016 14:18
 Operator : SJ/IZ
 Sample : PB87895BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87895BSD

Manual Integrations
 APPROVED

mohammad
 1/26/2016 10:43:19 AM

Quant Time: Jan 25 16:44:31 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 25 16:24:07 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	167676	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	682159	20.00	ng	-0.01
38) Acenaphthene-d10	9.78	164	353481	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	650190	20.00	ng	-0.01
75) Chrysene-d12	13.89	240	619564	20.00	ng	0.00
86) Perylene-d12	15.28	264	463183	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	1102036	106.31	ng	0.01
7) Phenol-d6	6.40	99	1508195	115.84	ng	0.00
23) Nitrobenzene-d5	7.31	82	962854	78.56	ng	0.00
41) 2,4,6-Tribromophenol	10.57	330	401371	112.47	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1552220	76.63	ng	0.00
78) Terphenyl-d14	12.84	244	1701346	61.30	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.35	88	123550	25.16	ng	# 69
3) Pyridine	3.04	79	352752	25.76	ng	# 69
4) n-Nitrosodimethylamine	2.98	42	228963	32.58	ng	# 65
6) Aniline	6.40	93	180767	9.49	ng	# 1
8) 2-Chlorophenol	6.52	128	386634	32.87	ng	85
9) Benzaldehyde	6.28	77	27842	3.28	ng	95
10) Phenol	6.41	94	512614	34.63	ng	92
11) bis(2-Chloroethyl)ether	6.48	93	357342	31.16	ng	# 78
12) 1,3-Dichlorobenzene	6.67	146	391727m	32.29	ng	
13) 1,4-Dichlorobenzene	6.75	146	398972	32.79	ng	98
14) 1,2-Dichlorobenzene	6.91	146	402533	34.55	ng	98
15) Benzyl Alcohol	6.89	79	347086	31.69	ng	89
16) 2,2'-oxybis(1-Chloropropan	7.02	45	611989	29.31	ng	86
17) 2-Methylphenol	7.01	107	353202	35.83	ng	# 93
18) Hexachloroethane	7.25	117	167613	34.45	ng	# 88
19) n-Nitroso-di-n-propylamine	7.16	70	288557	32.74	ng	# 71
20) 3+4-Methylphenols	7.16	107	426525	36.81	ng	# 71
22) Acetophenone	7.15	105	577640	35.21	ng	94
24) Nitrobenzene	7.32	77	400343	32.20	ng	91
25) Isophorone	7.57	82	781257	33.33	ng	96
26) 2-Nitrophenol	7.64	139	209613	37.05	ng	# 78
27) 2,4-Dimethylphenol	7.69	122	372888	32.56	ng	99
28) bis(2-Chloroethoxy)methane	7.78	93	459906	32.12	ng	98
29) 2,4-Dichlorophenol	7.89	162	363976	38.15	ng	95
30) 1,2,4-Trichlorobenzene	7.96	180	350931	35.63	ng	97
31) Naphthalene	8.04	128	1082460	34.98	ng	99
32) Benzoic acid	7.82	122	262107	37.19	ng	92
33) 4-Chloroaniline	8.10	127	71312	5.03	ng	97
34) Hexachlorobutadiene	8.17	225	210357	37.16	ng	98
35) Caprolactam	8.48	113	112762m	35.06	ng	
36) 4-Chloro-3-methylphenol	8.60	107	428753	40.12	ng	97
37) 2-Methylnaphthalene	8.74	142	801975	36.10	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	339363	33.40	ng	98
40) Hexachlorocyclopentadiene	8.90	237	385924	62.91	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	266214	35.02	nq	93
43) 2,4,5-Trichlorophenol	9.07	196	252978	34.71	nq #	90
45) 1,1'-Biphenyl	9.21	154	1023952	36.45	nq	95
46) 2-Chloronaphthalene	9.23	162	764727	34.65	nq #	89
47) 2-Nitroaniline	9.32	65	242846	33.34	nq	93
48) Acenaphthylene	9.64	152	1218806	37.38	nq	98
49) Dimethylphthalate	9.52	163	978399	38.72	nq #	91
50) 2,6-Dinitrotoluene	9.57	165	218216	39.37	nq #	70
51) Acenaphthene	9.81	154	811468	37.11	nq	99
52) 3-Nitroaniline	9.73	138	56942	8.29	nq	100
53) 2,4-Dinitrophenol	9.85	184	221973	93.39	nq #	79
54) Dibenzofuran	9.98	168	1070002	37.27	nq	92
55) 4-Nitrophenol	9.92	139	336666	67.53	nq #	66
56) 2,4-Dinitrotoluene	9.97	165	252453	35.99	nq #	76
57) Fluorene	10.33	166	895088	40.64	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.11	232	224624	36.10	nq	89
59) Diethylphthalate	10.21	149	960666	38.56	nq	99
60) 4-Chlorophenyl-phenylether	10.32	204	366009	38.46	nq #	84
61) 4-Nitroaniline	10.35	138	210191	34.33	nq	98
62) Azobenzene	10.48	77	953032	34.87	nq	85
64) 4,6-Dinitro-2-methylphenol	10.38	198	173251	43.71	nq	96
65) n-Nitrosodiphenylamine	10.44	169	736954	35.45	nq	100
66) 4-Bromophenyl-phenylether	10.81	248	259397	37.07	nq #	82
67) Hexachlorobenzene	10.86	284	280727	35.64	nq #	71
68) Atrazine	10.98	200	275818	40.54	nq	95
69) Pentachlorophenol	11.07	266	325282	79.65	nq	98
70) Phenanthrene	11.29	178	1399128	41.14	nq	98
71) Anthracene	11.33	178	1266193	37.98	nq	98
72) Carbazole	11.49	167	1199241	36.79	nq	99
73) Di-n-butylphthalate	11.82	149	1456337	41.10	nq #	96
74) Fluoranthene	12.47	202	1307561	36.80	nq	98
76) Benzidine	12.59	184	416906	18.77	nq	98
77) Pyrene	12.69	202	1401285	28.82	nq	98
79) Butylbenzylphthalate	13.32	149	637873	30.32	nq	91
80) Benzo(a)anthracene	13.88	228	1198839	32.95	nq	99
81) 3,3'-Dichlorobenzidine	13.85	252	219418	17.28	nq #	97
82) Chrysene	13.92	228	1009883	28.89	nq	99
83) Bis(2-ethylhexyl)phthalate	13.88	149	822690	30.95	nq	100
84) Di-n-octyl phthalate	14.50	149	1439431	32.08	nq #	87
85) Indeno(1,2,3-cd)pyrene	16.60	276	816525	29.47	nq	96
87) Benzo(b)fluoranthene	14.89	252	957371m	31.60	nq	
88) Benzo(k)fluoranthene	14.92	252	1069375m	43.15	nq	
89) Benzo(a)pyrene	15.22	252	905284	35.23	nq #	96
90) Dibenzo(a,h)anthracene	16.61	278	688850	31.15	nq #	94
91) Benzo(g,h,i)perylene	16.99	276	669567	29.24	nq	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 407

Delta R.T. 0.00 min

Lab File: BF084605.D

Acq: 25 Jan 2016 14:18

Instrument :

BNA_F

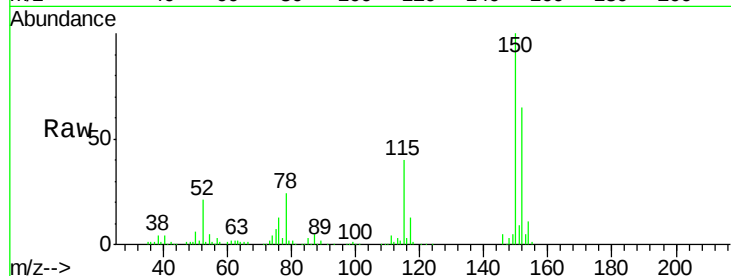
ClientSampleId :

PB87895BSD

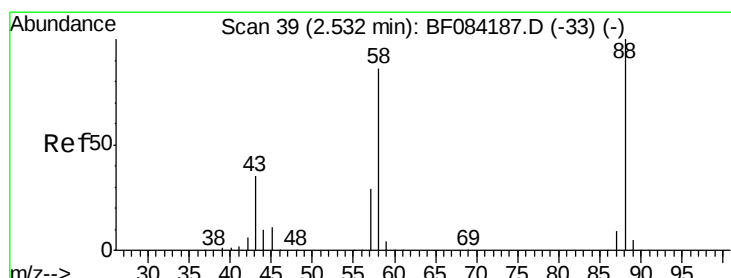
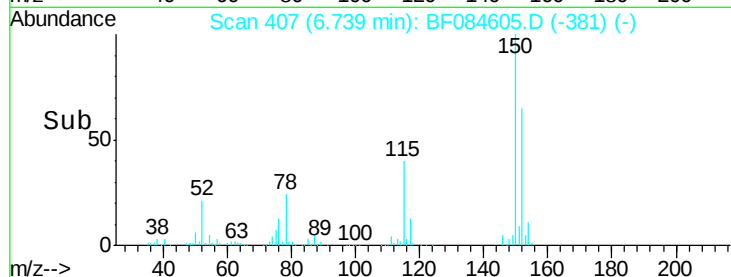
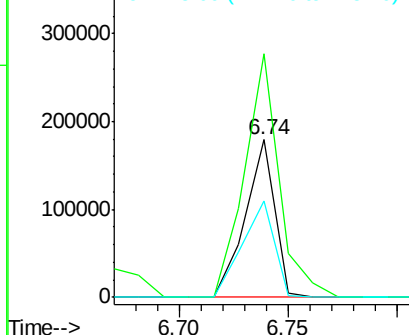
Tot Ion:	152	Resp:	167676
Ion Ratio	Lower	Upper	
152	100		
150	154.5	123.0	184.4
115	61.2	51.4	77.2

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



#2

1,4-Dioxane

Concen: 25.16 ng

RT: 2.35 min Scan# 23

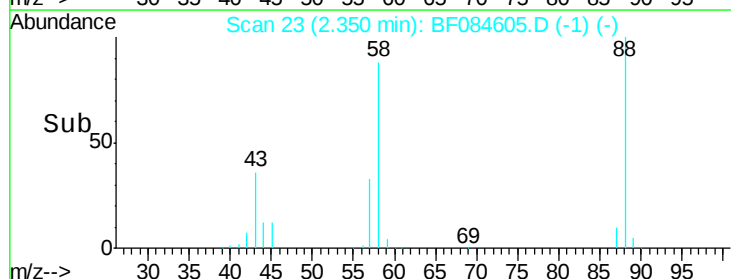
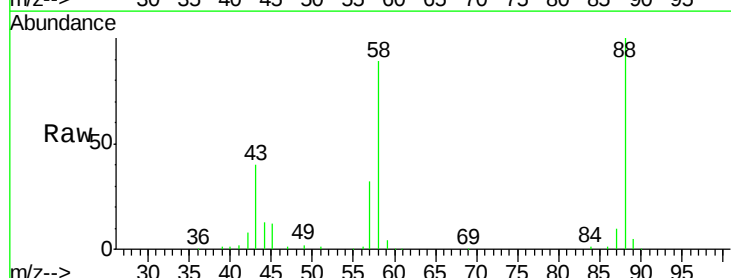
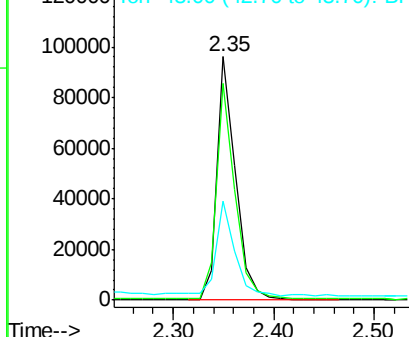
Delta R.T. 0.10 min

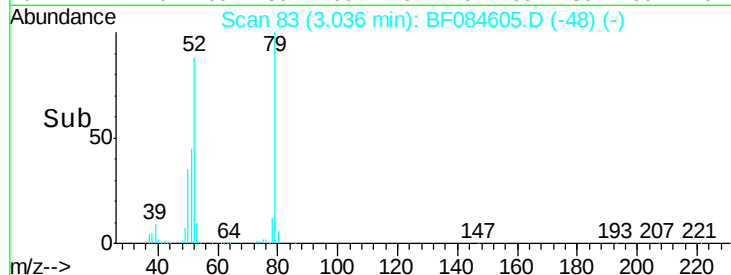
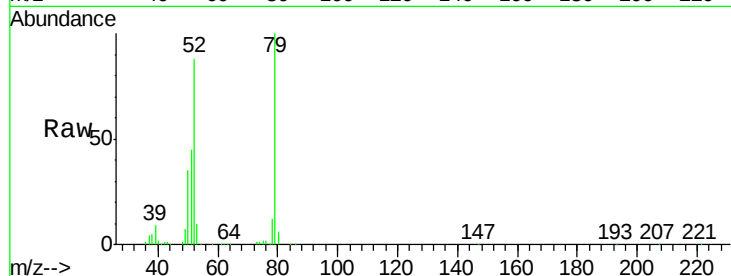
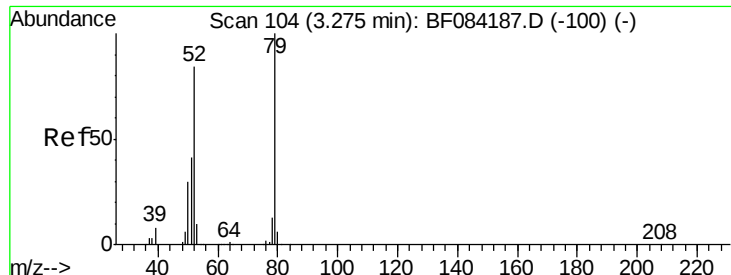
Lab File: BF084605.D

Acq: 25 Jan 2016 14:18

Tgt Ion:	88	Resp:	123550
Ion Ratio	Lower	Upper	
88	100		
58	88.1	51.2	76.8#
43	40.0	19.5	29.3#

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





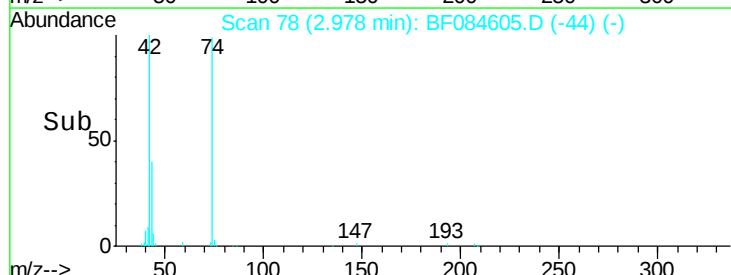
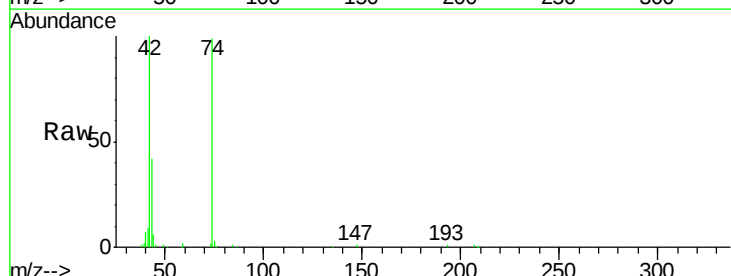
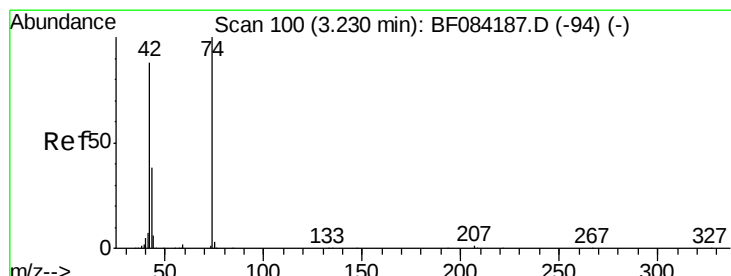
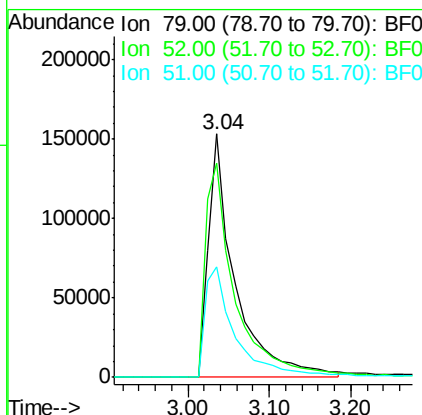
#3
Pvridine
Concen: 25.76 ng
RT: 3.04 min Scan# 83
Delta R.T. 0.10 min
Lab File: BF084605.D
Acq: 25 Jan 2016 14:18

Tot Ion	Ratio	Lower	Upper
79	100		
52	87.7	49.0	73.4#
51	45.3	25.2	37.8#

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PB87895BSD

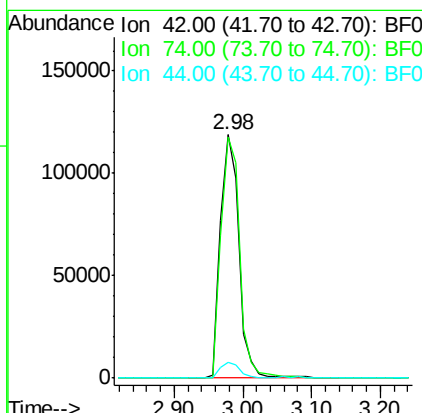
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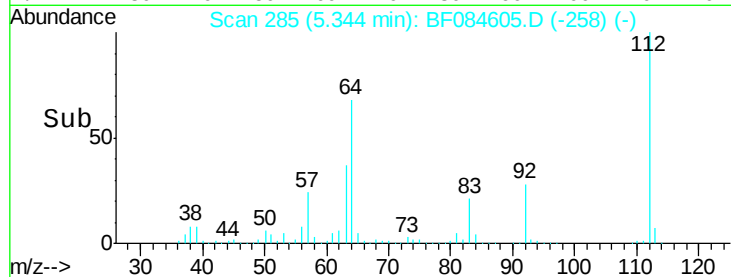
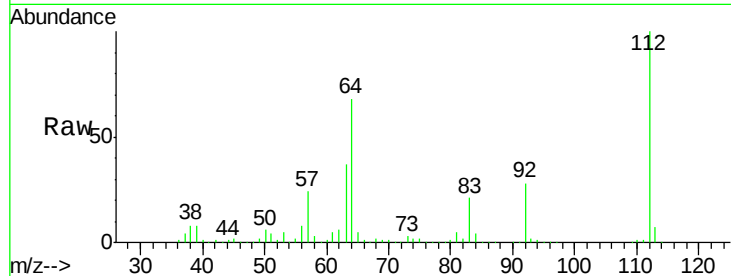
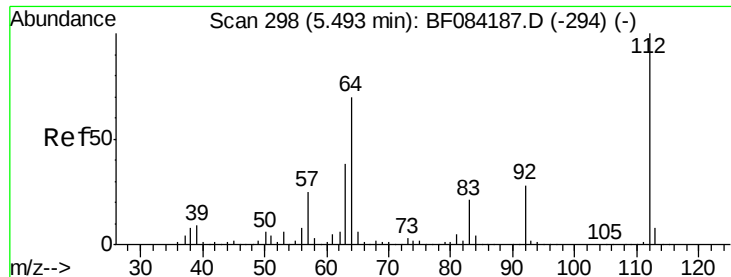
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#4
n-Nitrosodimethylamine
Concen: 32.58 ng
RT: 2.98 min Scan# 78
Delta R.T. 0.09 min
Lab File: BF084605.D
Acq: 25 Jan 2016 14:18

Tgt Ion	Ratio	Lower	Upper
42	100		
74	98.9	115.7	173.5#
44	6.3	5.1	7.7





#5

2-Fluorophenol

Concen: 106.31 ng

RT: 5.34 min Scan# 285

Delta R.T. 0.01 min

Lab File: BF084605.D

Acq: 25 Jan 2016 14:18

Instrument :

BNA_F

ClientSampleId :

PB87895BSD

Tot Ion:112 Resp: 1102036

Ion Ratio Lower Upper

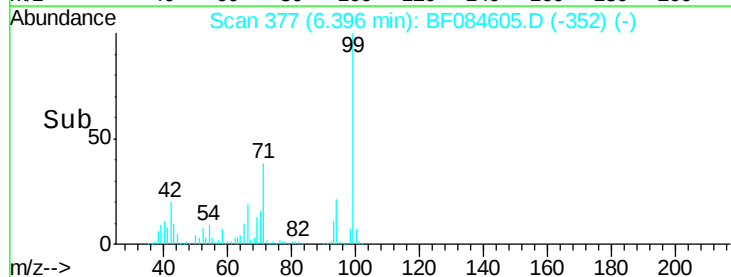
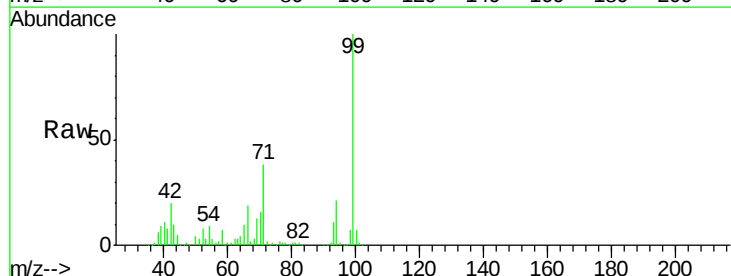
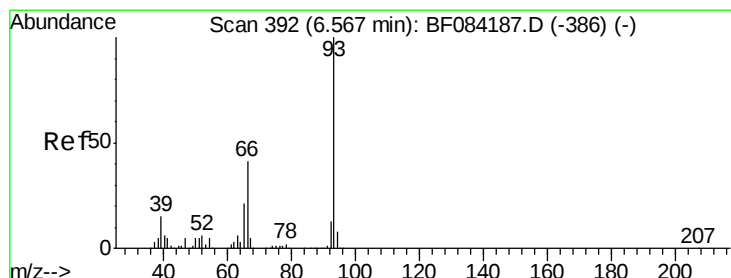
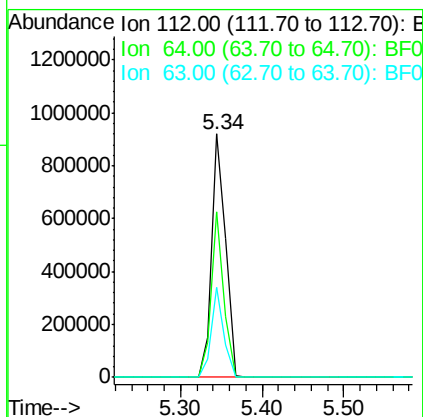
112 100

64 68.1 36.6 55.0#

63 37.0 19.4 29.0#

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#6

Aniline

Concen: 9.49 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF084605.D

Acq: 25 Jan 2016 14:18

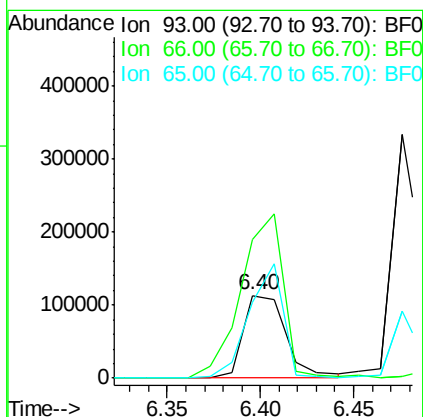
Tgt Ion: 93 Resp: 180767

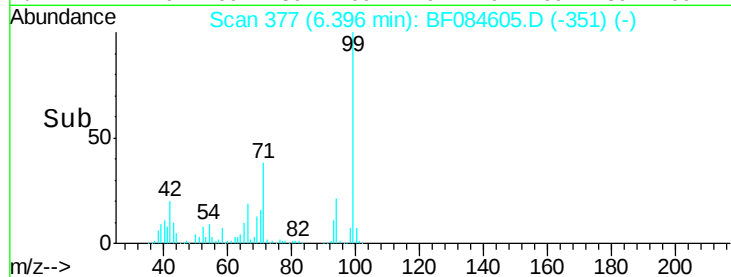
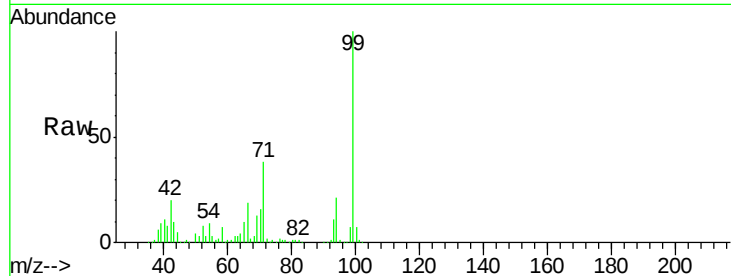
Ion Ratio Lower Upper

93 100

66 167.9 44.9 67.3#

65 91.7 23.7 35.5#





#7

Phenol-d6

Concen: 115.84 ng

RT: 6.40 min Scan# 377

Delta R.T. 0.00 min

Lab File: BF084605.D

Acq: 25 Jan 2016 14:18

Tot Ion: 99 Resp: 1508195

Ion Ratio Lower Upper

99 100

42 19.7 12.8 19.2#

71 37.6 30.9 46.3

Instrument :

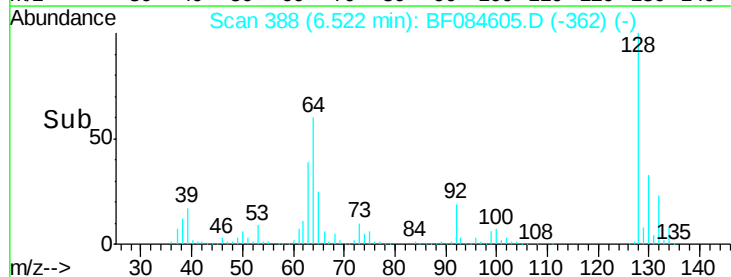
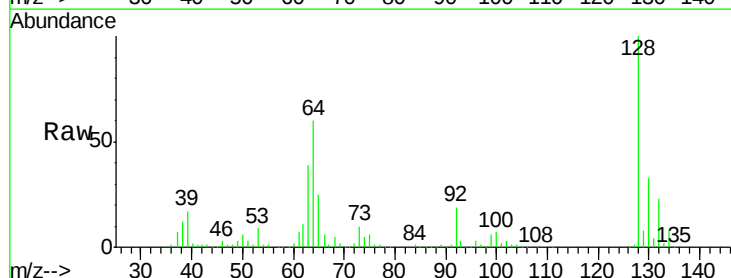
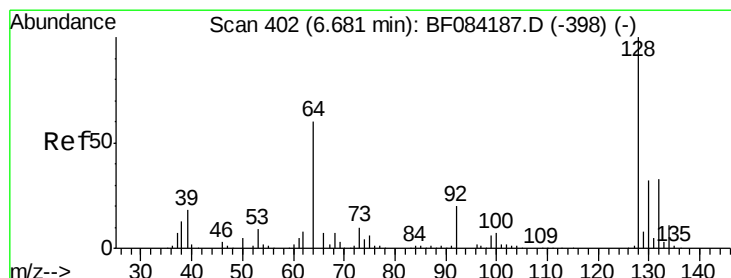
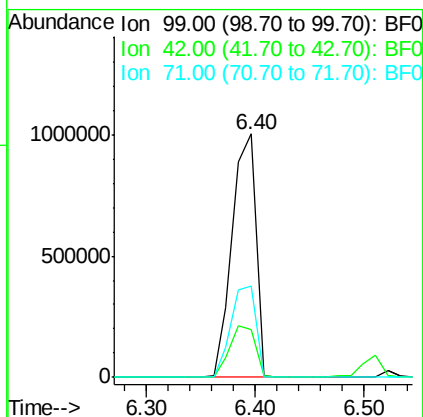
BNA_F

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#8

2-Chlorophenol

Concen: 32.87 ng

RT: 6.52 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF084605.D

Acq: 25 Jan 2016 14:18

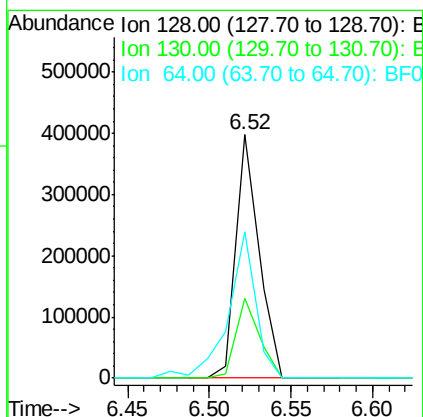
Tgt Ion:128 Resp: 386634

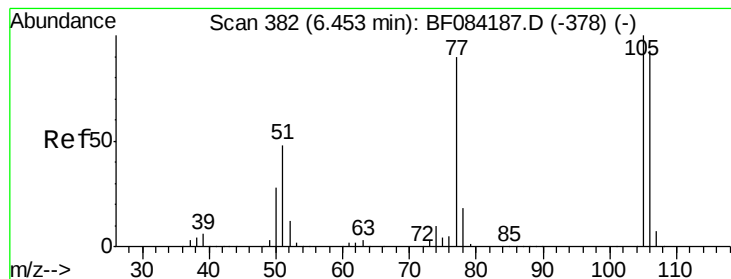
Ion Ratio Lower Upper

128 100

130 32.9 11.6 51.6

64 59.9 23.8 63.8





#9

Benzaldehyde

Concen: 3.28 ng

RT: 6.28 min Scan# 367

Delta R.T. 0.00 min

Lab File: BF084605.D

Acq: 25 Jan 2016 14:18

Instrument :

BNA_F

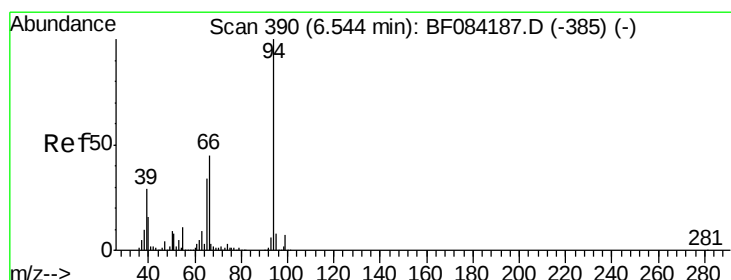
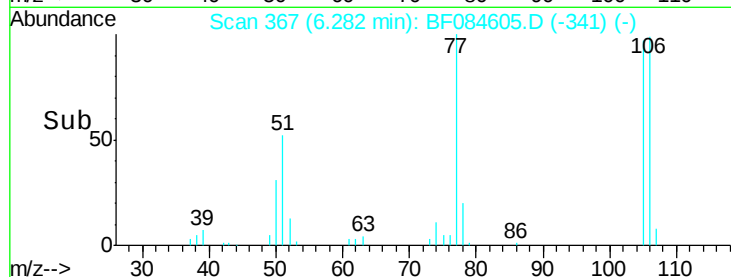
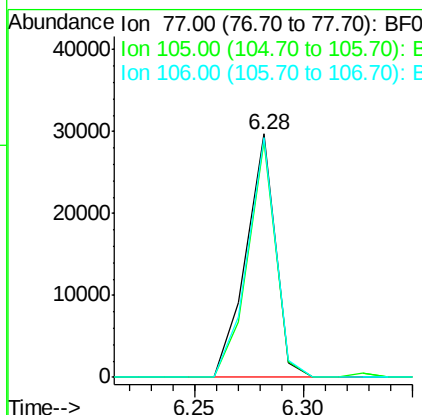
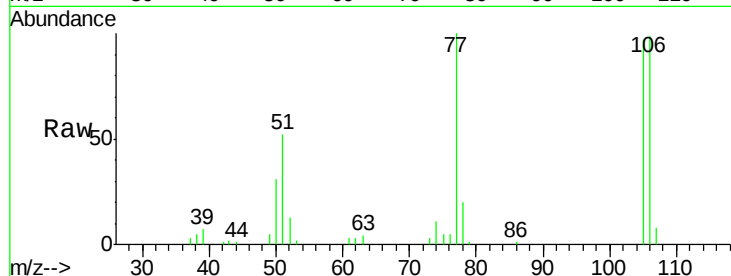
ClientSampleId :

PB87895BSD

Tot Ion:	77	Resp:	27842
Ion	Ratio	Lower	Upper
77	100		
105	96.9	83.0	123.0
106	98.6	74.6	114.6

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#10

Phenol

Concen: 34.63 ng

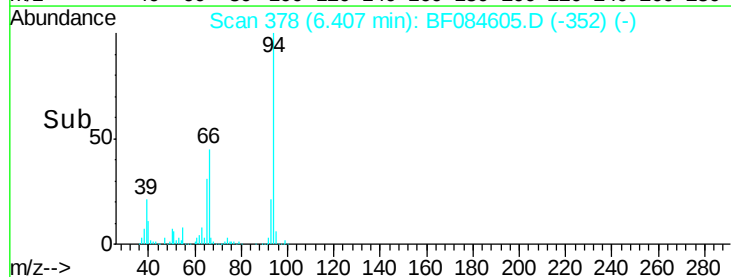
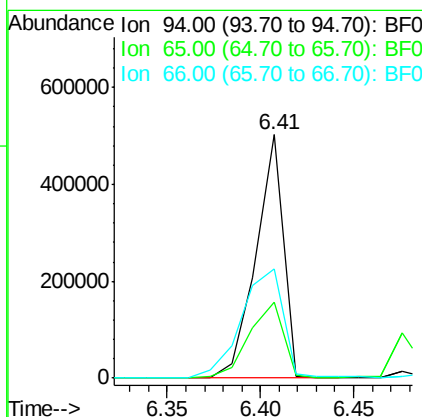
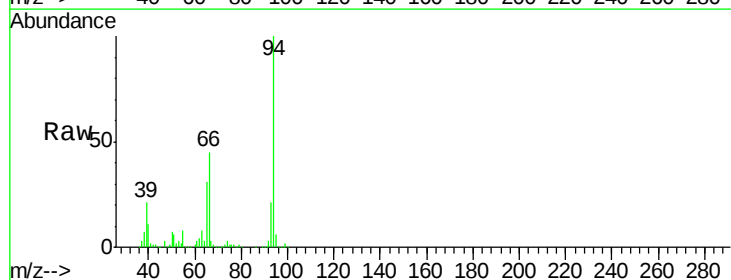
RT: 6.41 min Scan# 378

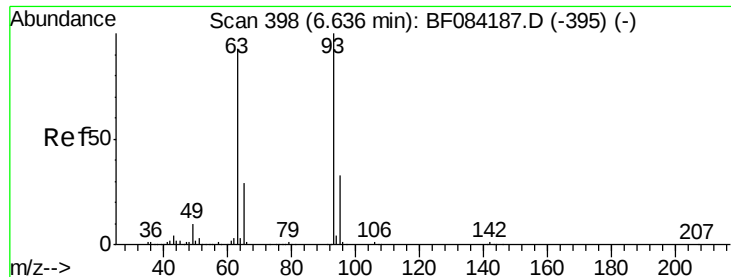
Delta R.T. 0.00 min

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Tgt Ion:	94	Resp:	512614
Ion	Ratio	Lower	Upper
94	100		
65	31.1	12.9	52.9
66	44.8	32.7	72.7





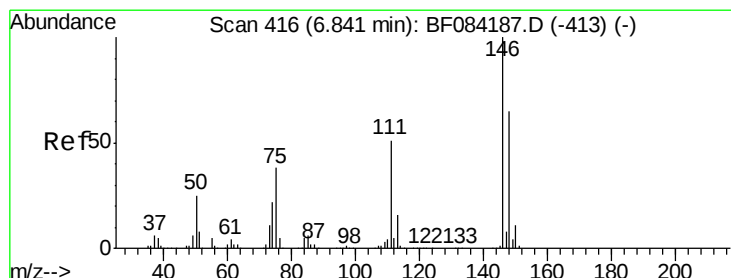
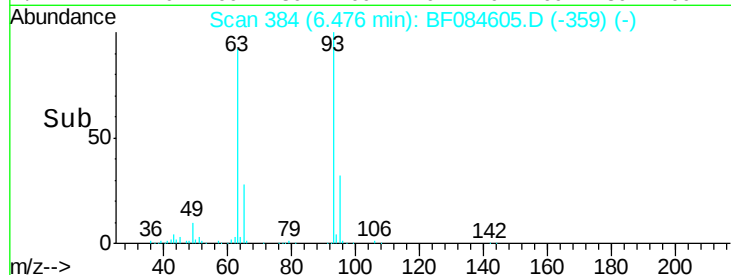
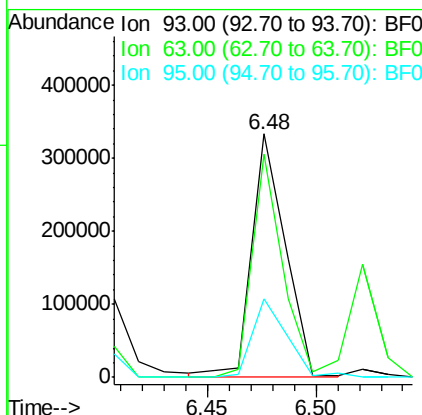
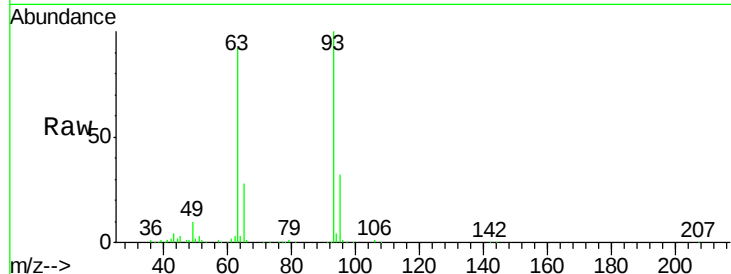
#11
bis(2-Chloroethyl)ether
Concen: 31.16 ng
RT: 6.48 min Scan# 384
Delta R.T. -0.01 min
Lab File: BF084605.D
Acq: 25 Jan 2016 14:18

Instrument :
BNA_F
ClientSampleId :
PB87895BSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	91.6	45.9	85.9#	
95	32.0	12.3	52.3	

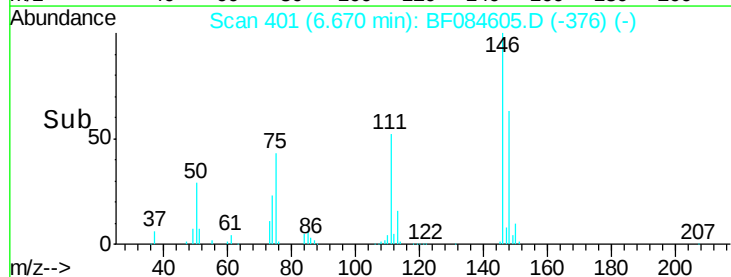
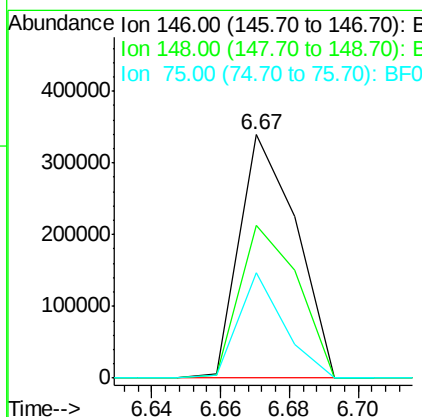
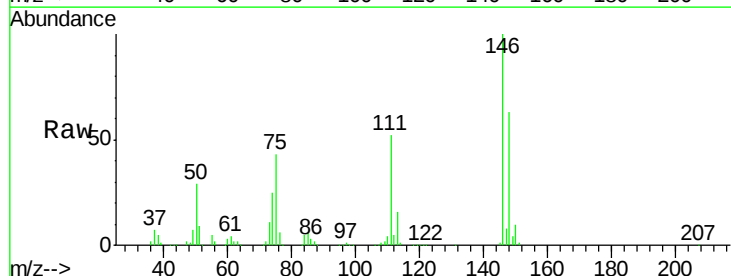
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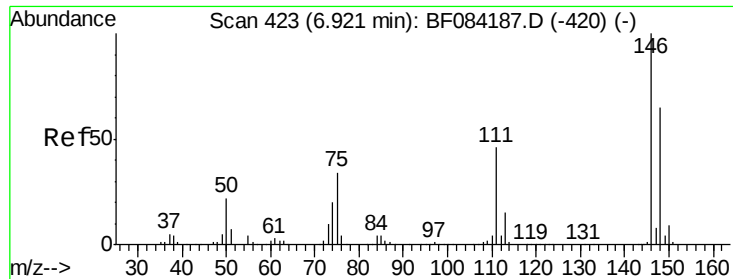
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#12
1,3-Dichlorobenzene
Concen: 32.29 ng m
RT: 6.67 min Scan# 401
Delta R.T. -0.01 min
Lab File: BF084605.D
Acq: 25 Jan 2016 14:18

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	62.7	51.9	77.9	
75	43.3	20.5	30.7#	





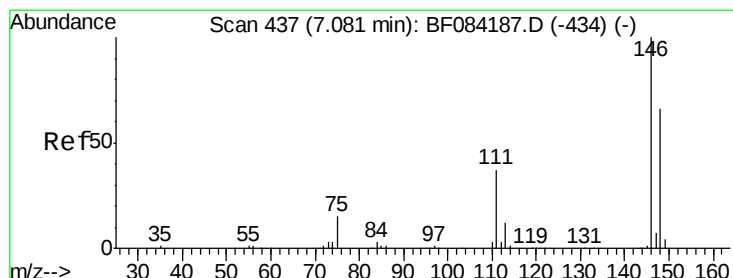
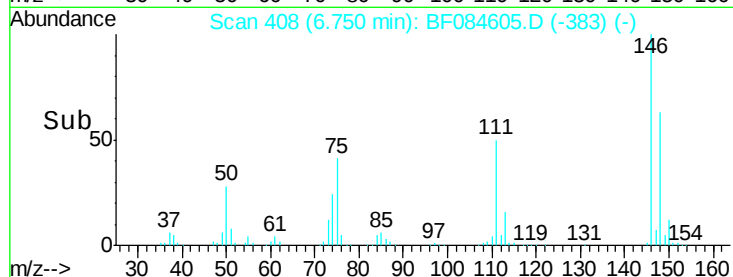
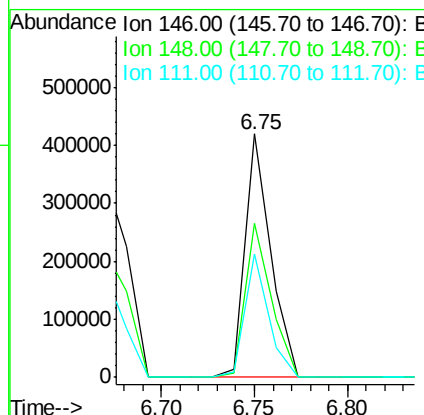
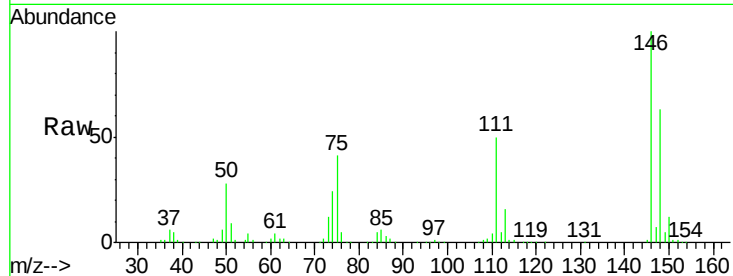
#13
 1,4-Dichlorobenzene
 Concen: 32.79 ng
 RT: 6.75 min Scan# 408
 Delta R.T. -0.01 min
 Lab File: BF084605.D
 Acq: 25 Jan 2016 14:18

Instrument :
 BNA_F
 ClientSampleId :
 PB87895BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.9	77.9
111	50.5	41.6	62.4

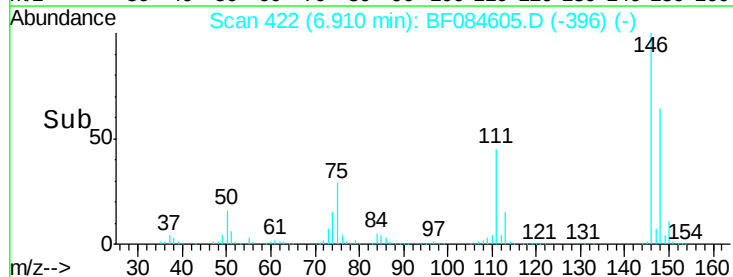
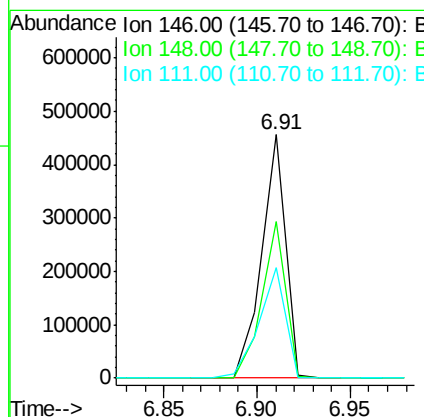
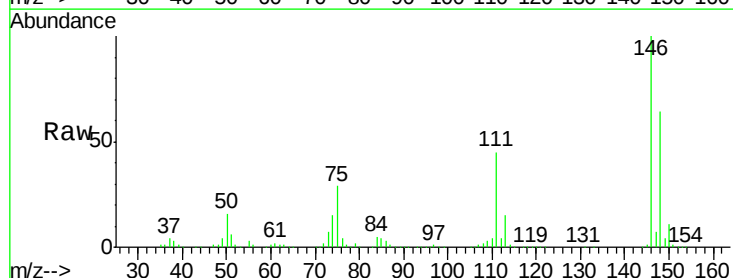
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#14
 1,2-Dichlorobenzene
 Concen: 34.55 ng
 RT: 6.91 min Scan# 422
 Delta R.T. 0.00 min
 Lab File: BF084605.D
 Acq: 25 Jan 2016 14:18

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.6	77.4
111	45.2	38.0	57.0





#15

Benzyl Alcohol

Concen: 31.69 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF084605.D

Acq: 25 Jan 2016 14:18

Instrument :

BNA_F

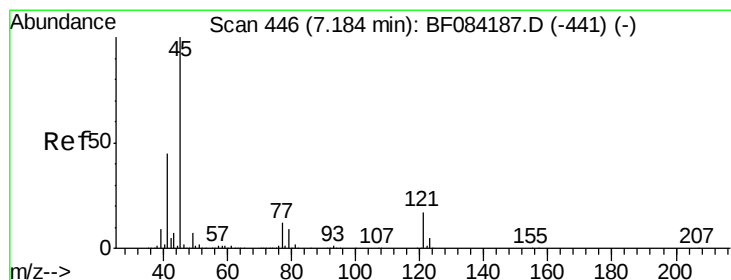
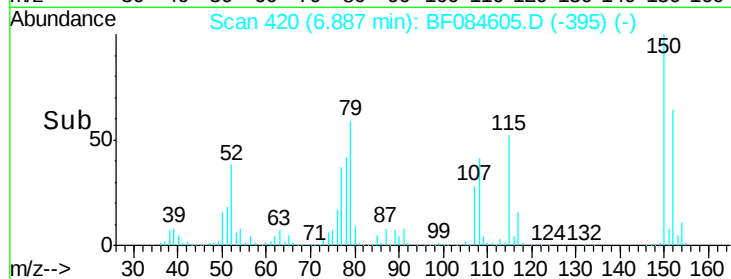
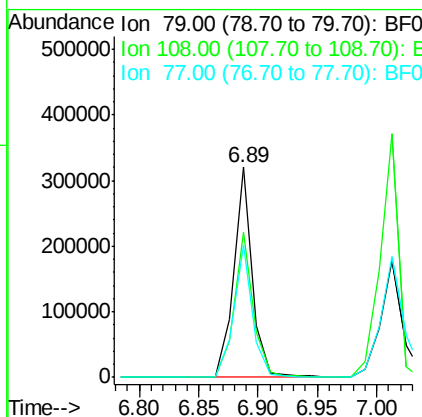
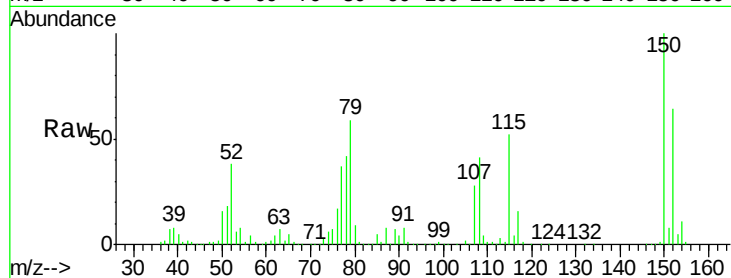
ClientSampleID :

PB87895BSD

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Tot Ion:	79	Resp:	347086
Ion Ratio	Lower	Upper	
79	100		
108	69.3	69.0	103.4
77	63.0	50.0	75.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 29.31 ng

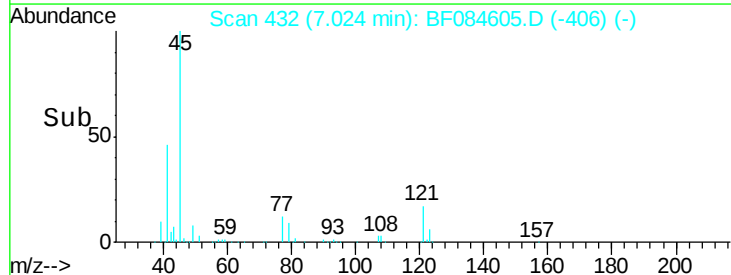
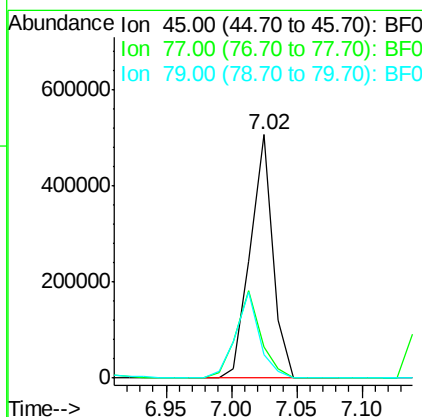
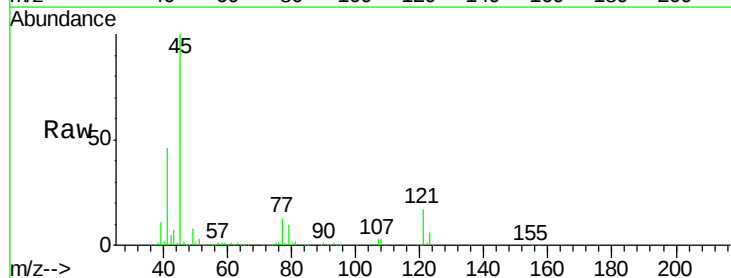
RT: 7.02 min Scan# 432

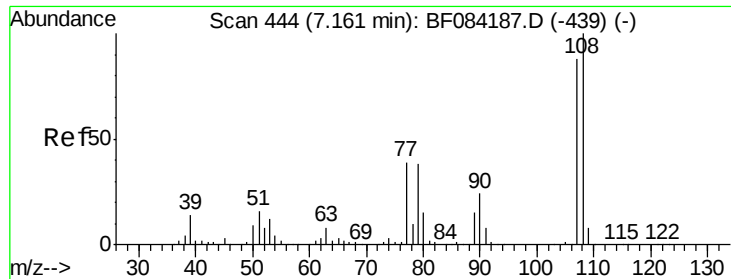
Delta R.T. 0.00 min

Lab File: BF084605.D

Acq: 25 Jan 2016 14:18

Tgt Ion:	45	Resp:	611989
Ion Ratio	Lower	Upper	
45	100		
77	12.8	0.0	39.6
79	9.8	0.0	35.0





#17

2-Methylphenol

Concen: 35.83 ng

RT: 7.01 min Scan# 431

Delta R.T. 0.00 min

Lab File: BF084605.D

Acq: 25 Jan 2016 14:18

Instrument :

BNA_F

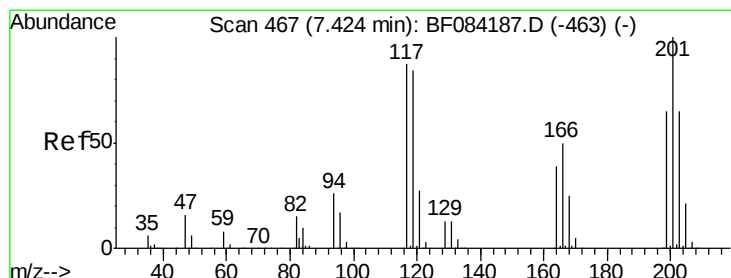
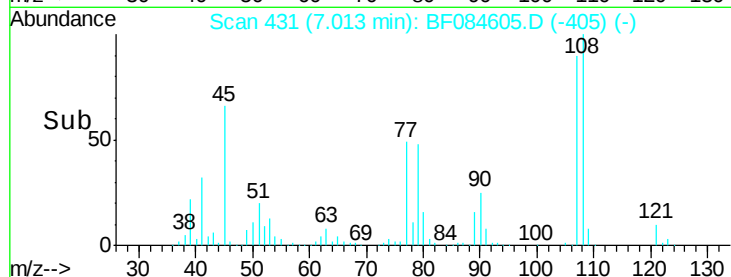
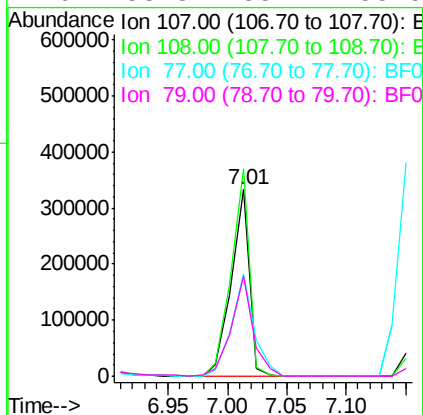
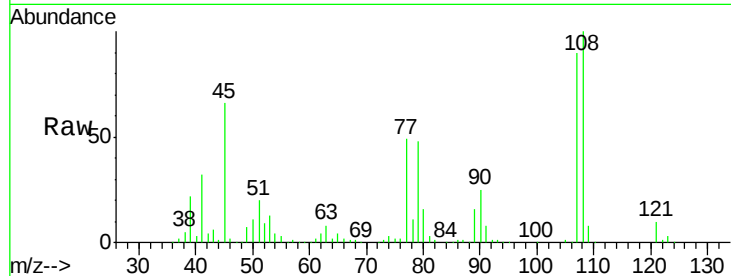
ClientSampleId :

PB87895BSD

Tot Ion:	107	Resp:	353202
Ion Ratio	Lower	Upper	
107	100		
108	111.5	89.8	134.6
77	55.0	35.7	53.5#
79	53.8	35.7	53.5#

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#18

Hexachloroethane

Concen: 34.45 ng

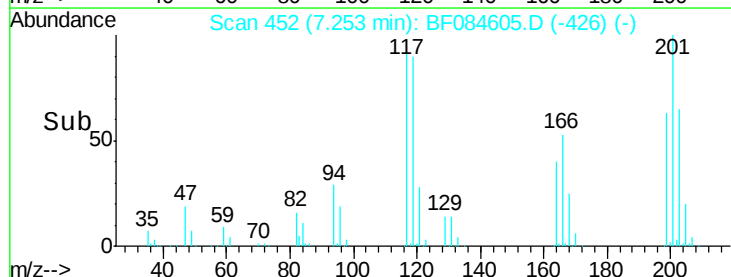
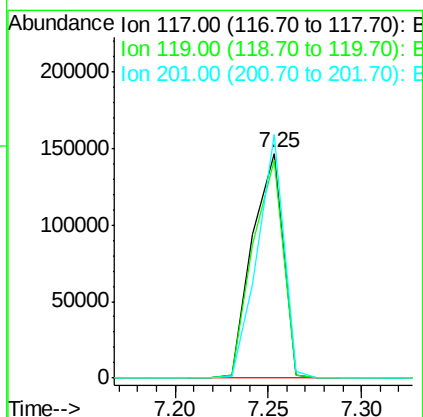
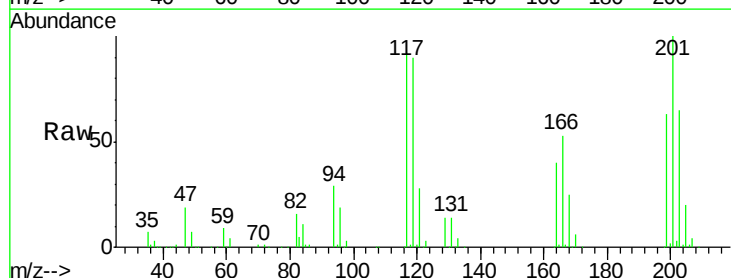
RT: 7.25 min Scan# 452

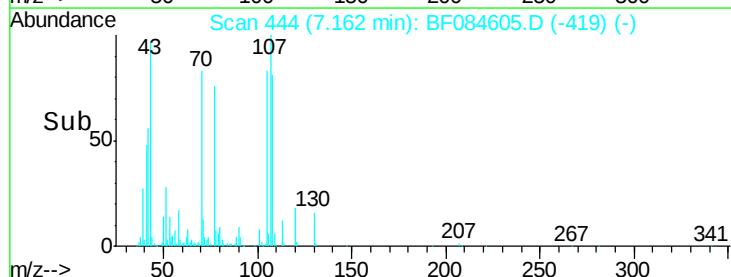
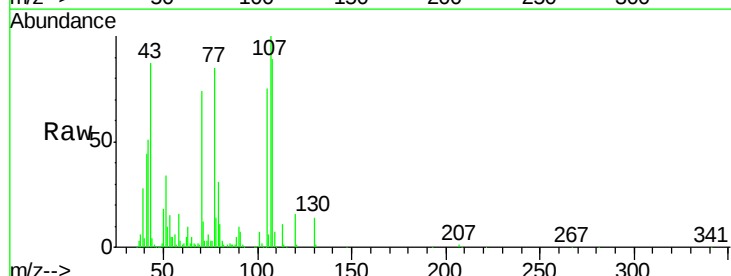
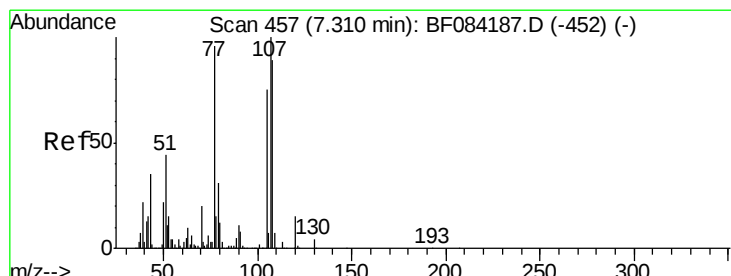
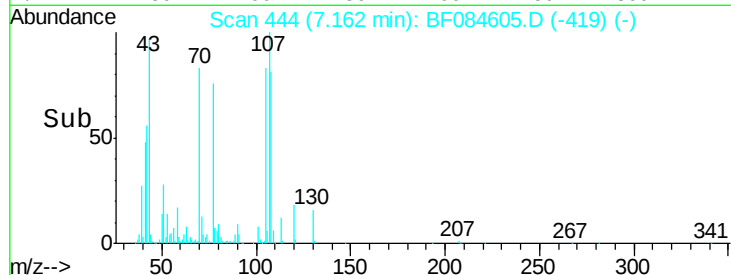
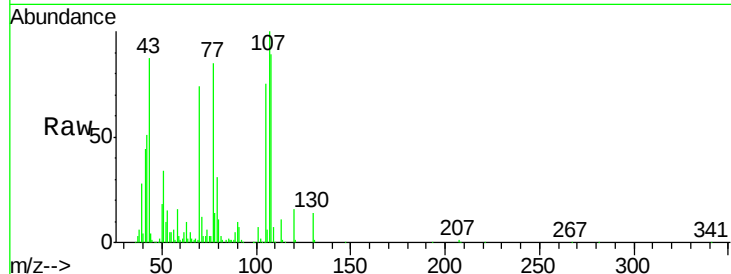
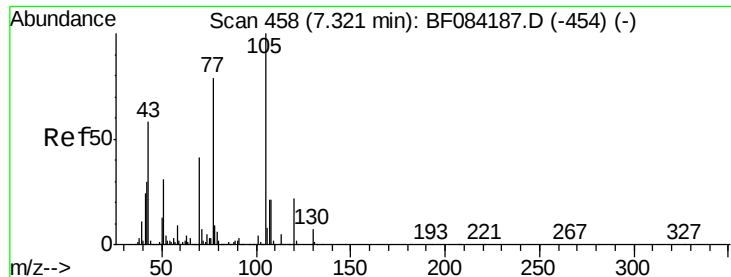
Delta R.T. 0.00 min

Lab File: BF084605.D

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Tgt Ion:	117	Resp:	167613
Ion Ratio	Lower	Upper	
117	100		
119	97.3	77.4	116.0
201	108.4	68.6	103.0#





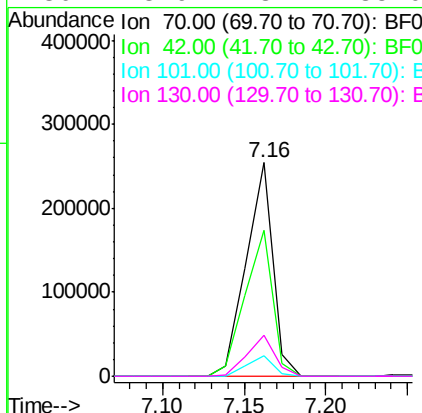
#19
n-Nitroso-di-n-propylamine
Concen: 32.74 ng
RT: 7.16 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF084605.D
Acq: 25 Jan 2016 14:18

Instrument :
BNA_F
ClientSampleId :
PB87895BSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	68.3	33.3	49.9#
101	9.4	9.3	13.9
130	18.9	23.4	35.0#

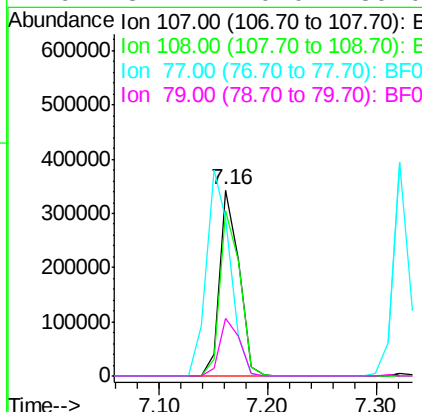
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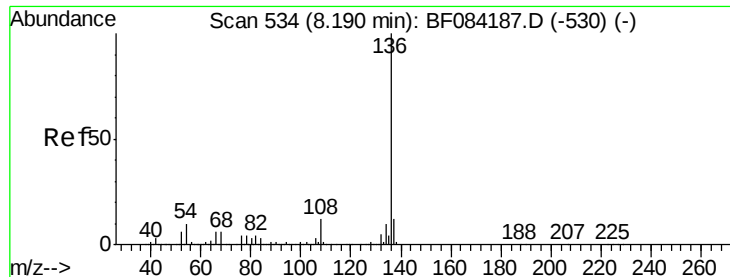
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#20
3+4-Methylphenols
Concen: 36.81 ng
RT: 7.16 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF084605.D
Acq: 25 Jan 2016 14:18

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.7	74.6	114.6
77	84.8	0.7	40.7#
79	31.1	0.0	39.0





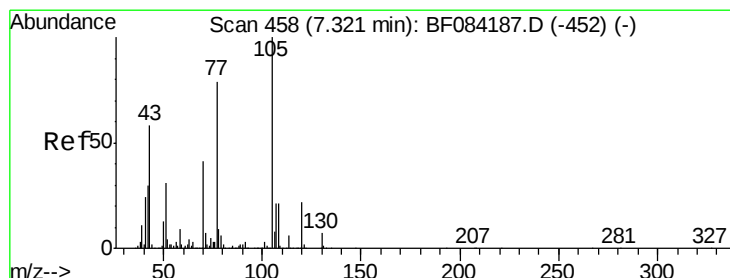
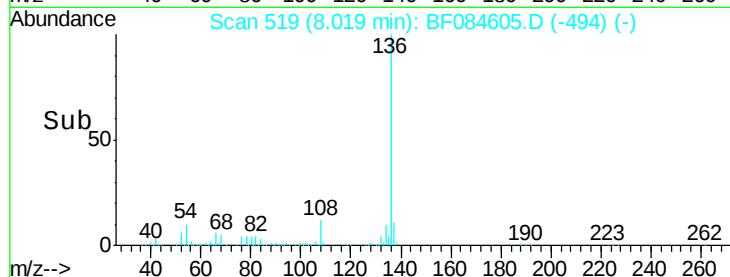
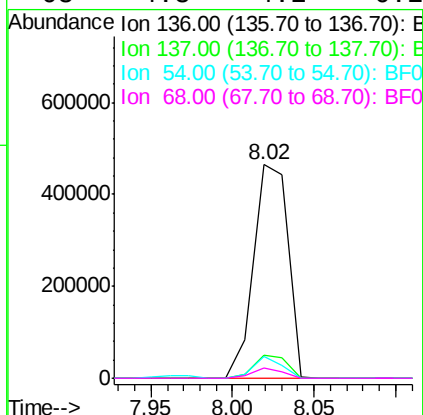
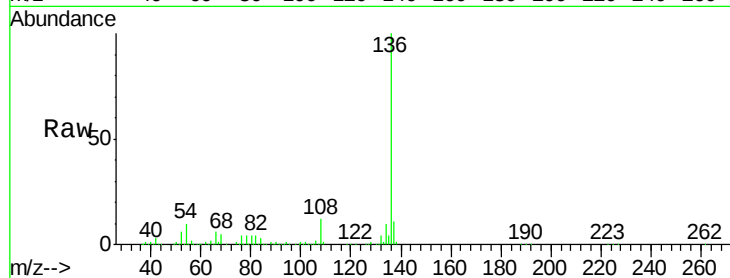
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.01 min
Lab File: BF084605.D
Acq: 25 Jan 2016 14:18

Instrument :
BNA_F
ClientSampleId :
PB87895BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		682159		
137	11.1	8.7	13.1		
54	10.3	5.8	8.8		
68	4.8	4.2	6.2		

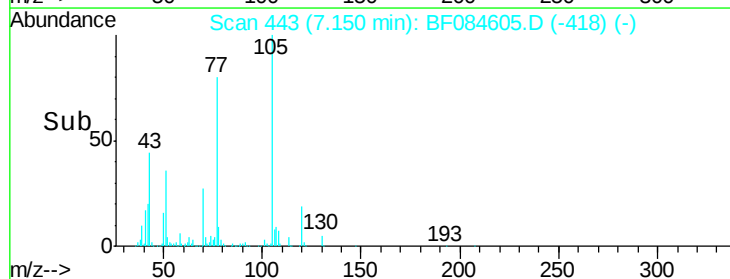
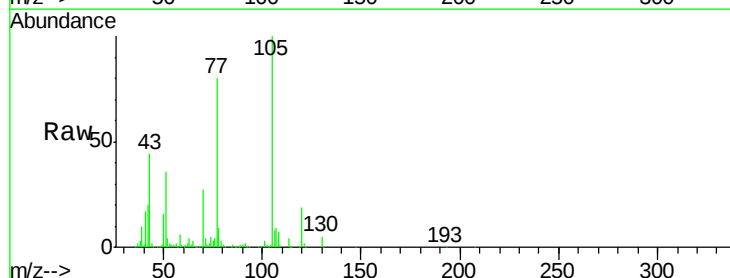
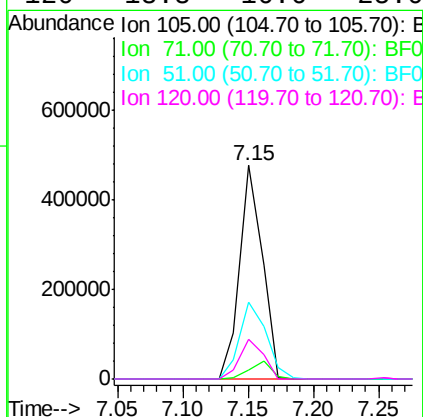
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#22
Acetophenone
Concen: 35.21 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.01 min
Lab File: BF084605.D
Acq: 25 Jan 2016 14:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		577640		
71	4.2	3.7	5.5		
51	35.7	25.1	37.7		
120	18.8	16.6	25.0		





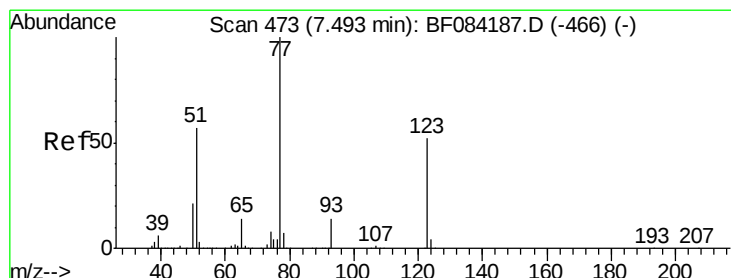
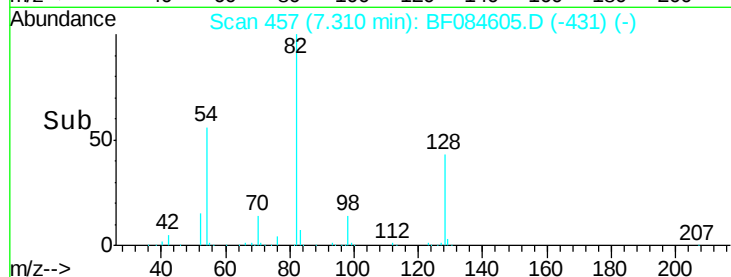
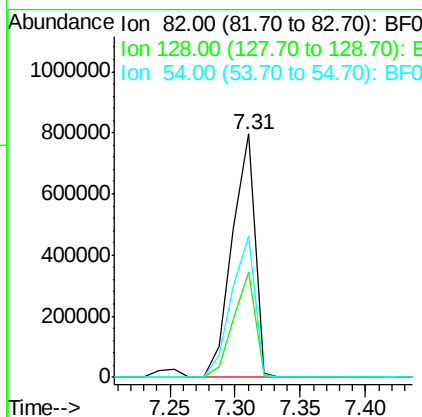
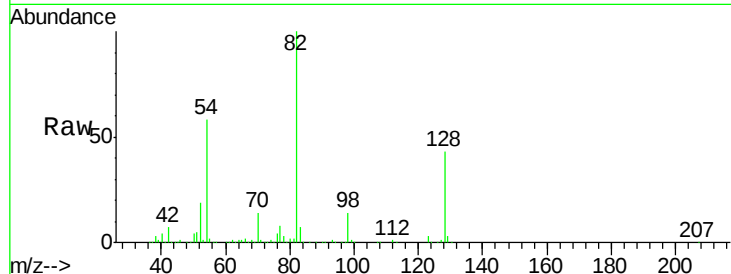
#23
 Nitrobenzene-d5
 Concen: 78.56 ng
 RT: 7.31 min Scan# 457
 Delta R.T. 0.00 min
 Lab File: BF084605.D
 Acq: 25 Jan 2016 14:18

Instrument :
 BNA_F
 ClientSampleId :
 PB87895BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.2	34.6	51.8
54	58.0	38.4	57.6

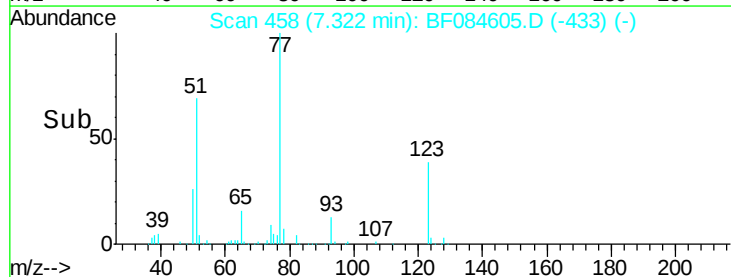
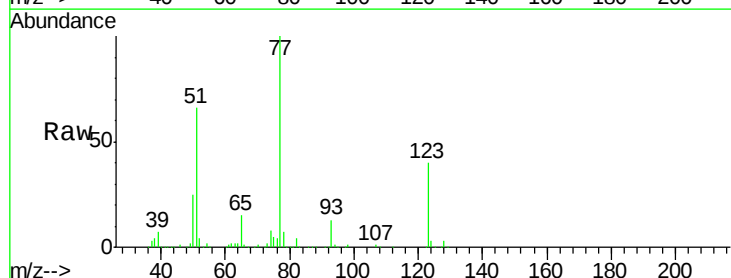
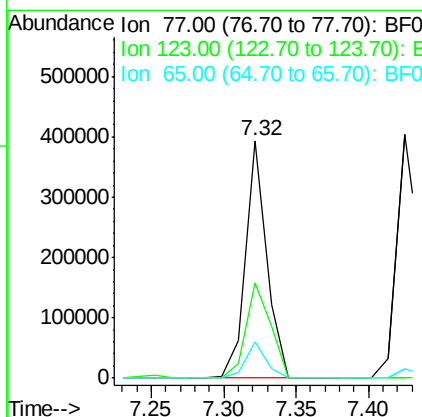
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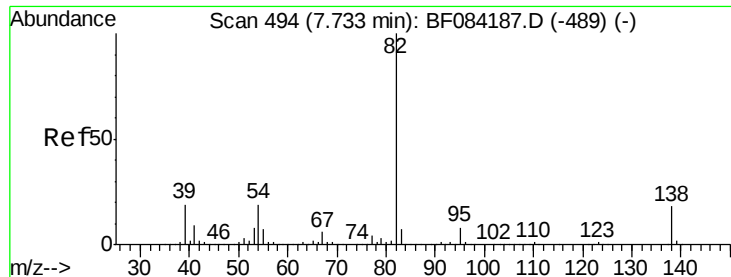
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#24
 Nitrobenzene
 Concen: 32.20 ng
 RT: 7.32 min Scan# 458
 Delta R.T. -0.01 min
 Lab File: BF084605.D
 Acq: 25 Jan 2016 14:18

Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.1	37.4	56.2
65	15.2	10.9	16.3





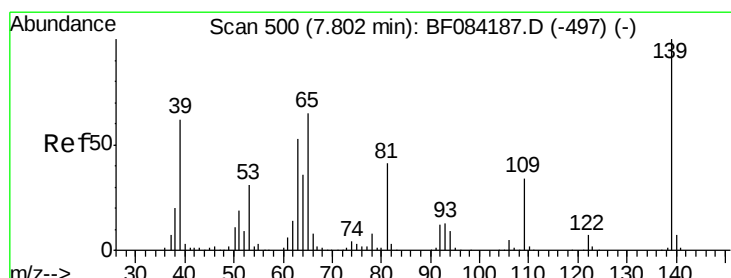
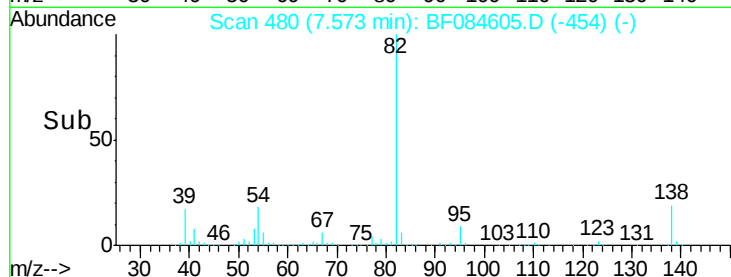
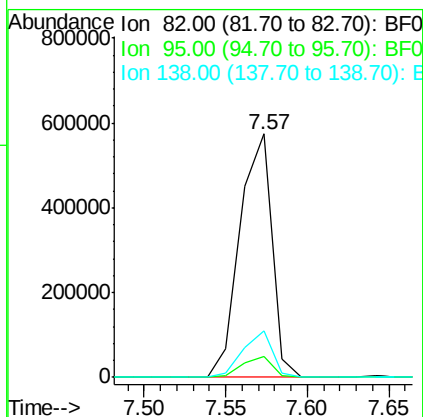
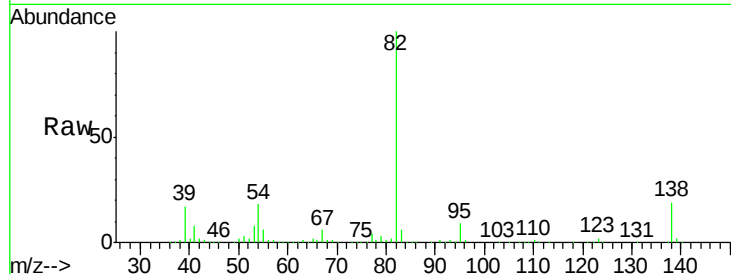
#25
Isophorone
Concen: 33.33 ng
RT: 7.57 min Scan# 480
Delta R.T. 0.00 min
Lab File: BF084605.D
Acq: 25 Jan 2016 14:18

Instrument :
BNA_F
ClientSampleId :
PB87895BSD

Tot Ion:	82	Resp:	781257
Ion Ratio	Lower	Upper	
82	100		
95	8.5	6.6	10.0
138	19.3	13.6	20.4

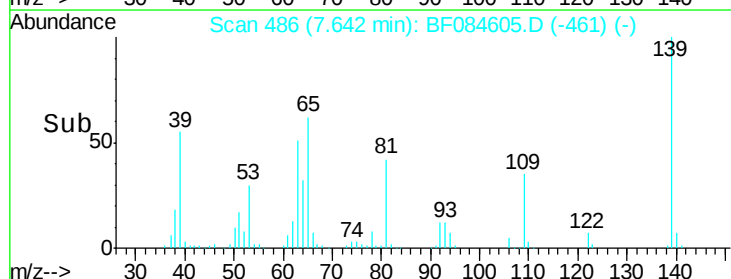
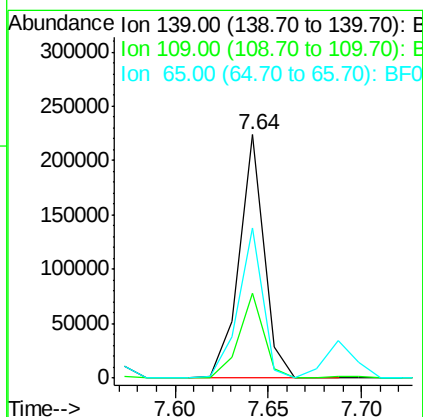
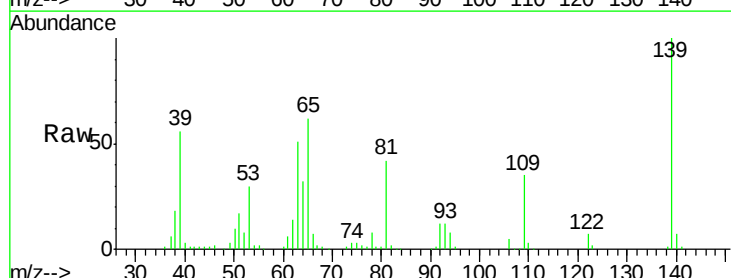
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#26
2-Nitrophenol
Concen: 37.05 ng
RT: 7.64 min Scan# 486
Delta R.T. -0.01 min
Lab File: BF084605.D
Acq: 25 Jan 2016 14:18

Tgt Ion:	139	Resp:	209613
Ion Ratio	Lower	Upper	
139	100		
109	35.0	25.4	38.2
65	61.8	32.3	48.5#





#27

2,4-Dimethylphenol

Concen: 32.56 ng

RT: 7.69 min Scan# 490

Delta R.T. -0.01 min

Lab File: BF084605.D

Acq: 25 Jan 2016 14:18

Instrument :

BNA_F

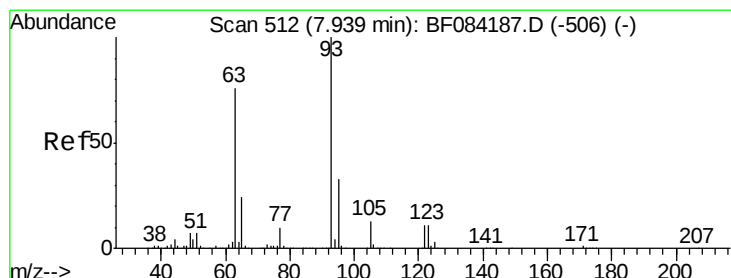
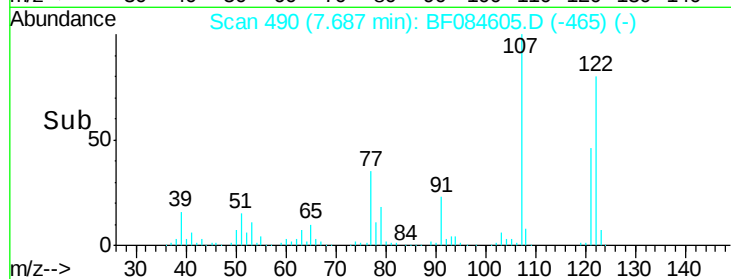
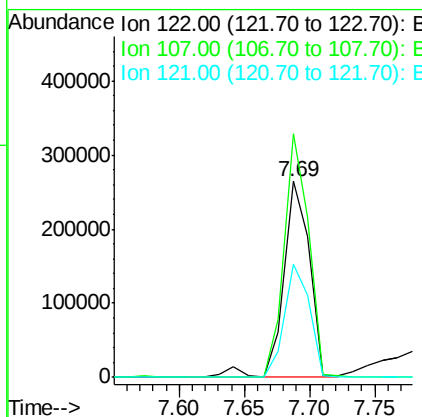
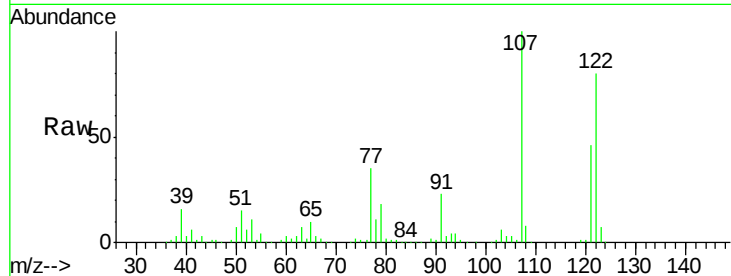
ClientSampleId :

PB87895BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	372888		
107	124.3		99.1	148.7
121	57.5		47.9	71.9

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#28

bis(2-Chloroethoxy)methane

Concen: 32.12 ng

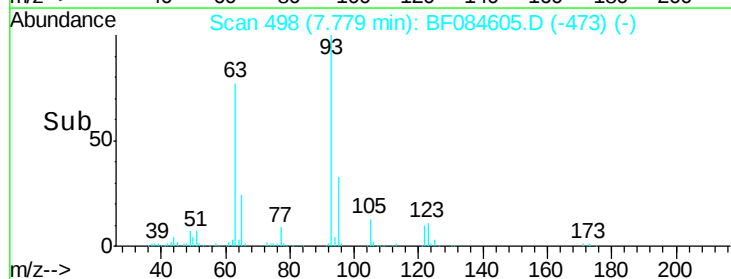
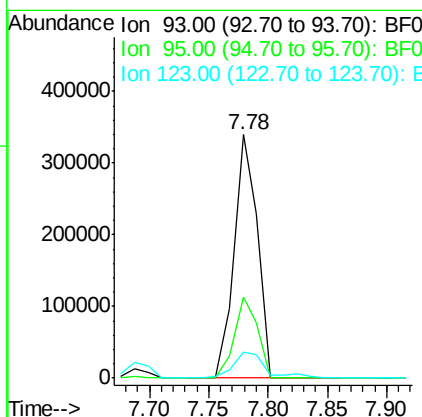
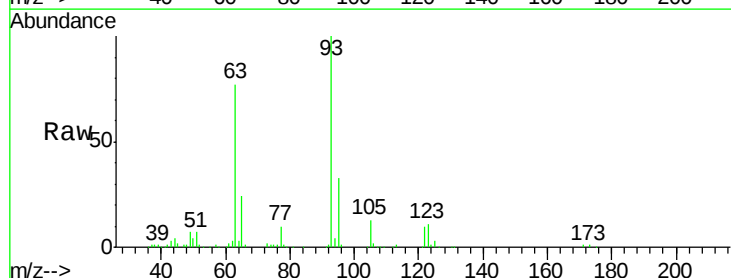
RT: 7.78 min Scan# 498

Delta R.T. -0.01 min

Lab File: BF084605.D

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Tgt Ion	Ratio	Resp	Lower	Upper
93	100	459906		
95	33.3		25.8	38.6
123	10.5		8.6	12.8





#29

2,4-Dichlorophenol

Concen: 38.15 ng

RT: 7.89 min Scan# 508

Delta R.T. 0.00 min

Lab File: BF084605.D

Acq: 25 Jan 2016 14:18

Instrument :

BNA_F

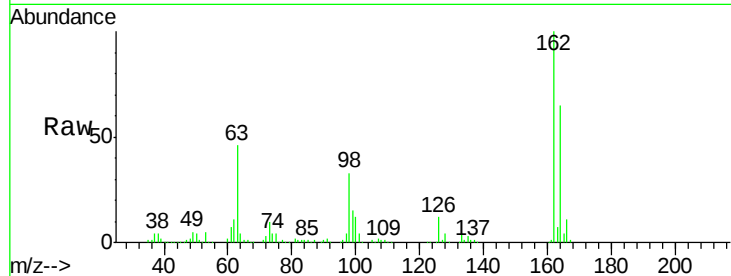
ClientSampleId :

PB87895BSD

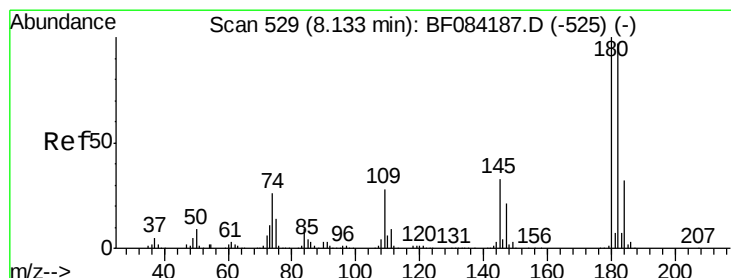
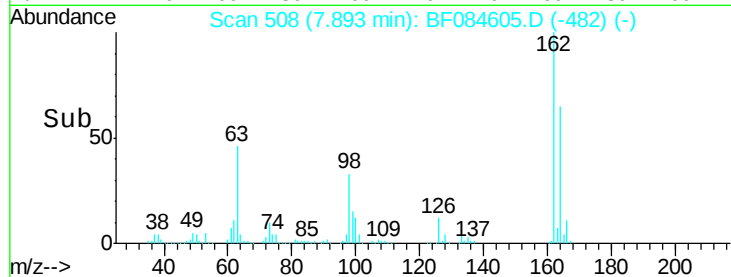
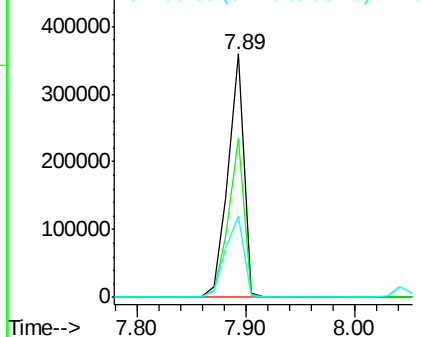
Tot Ion:	162	Resp:	363976
Ion Ratio	Lower	Upper	
162	100		
164	65.1	44.1	84.1
98	33.2	20.2	60.2

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



#30

1,2,4-Trichlorobenzene

Concen: 35.63 ng

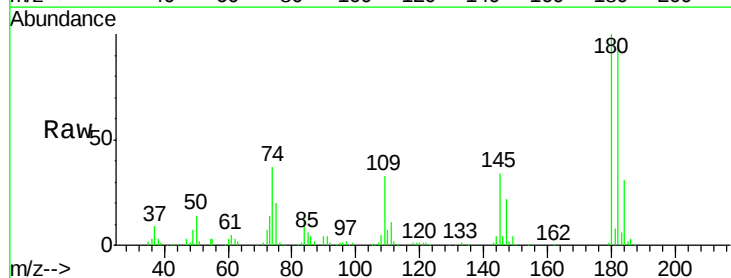
RT: 7.96 min Scan# 514

Delta R.T. -0.01 min

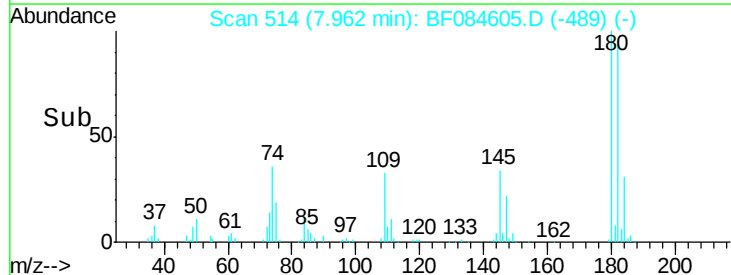
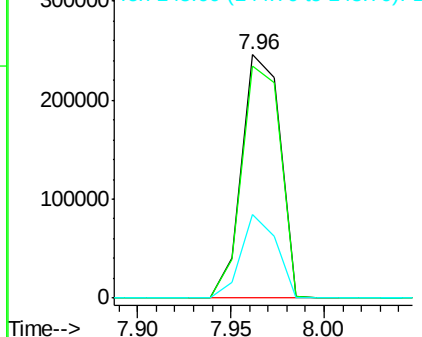
Lab File: BF084605.D

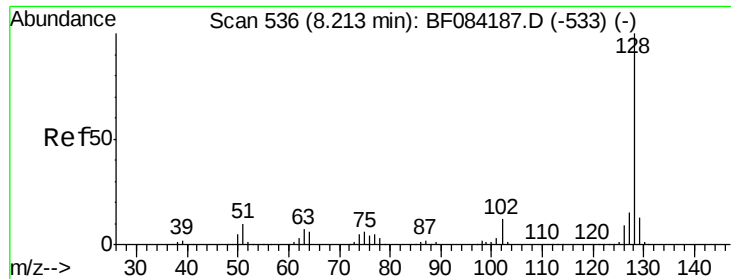
Acq: 25 Jan 2016 14:18

Tgt Ion:	180	Resp:	350931
Ion Ratio	Lower	Upper	
180	100		
182	95.4	76.4	114.6
145	34.1	31.6	47.4



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





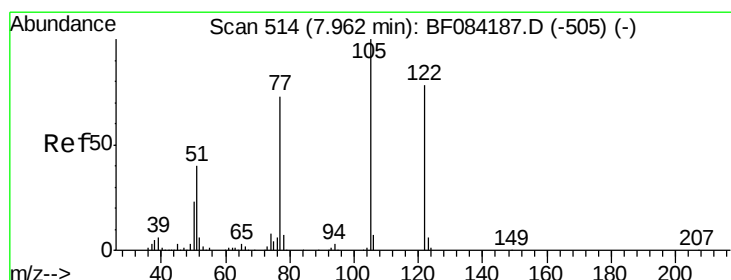
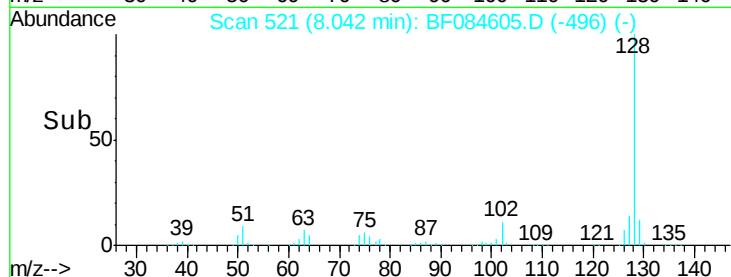
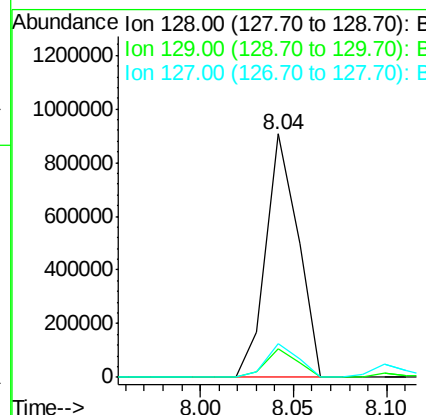
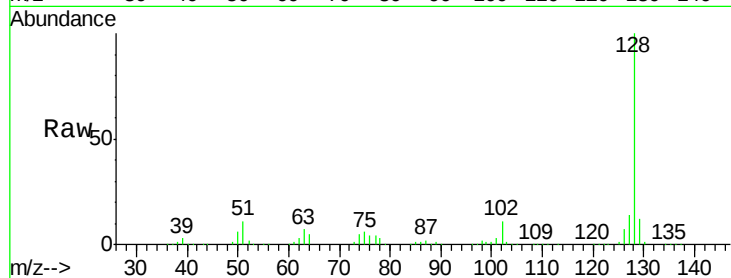
#31
Naphthalene
Concen: 34.98 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.01 min
Lab File: BF084605.D
Acq: 25 Jan 2016 14:18

Instrument :
BNA_F
ClientSampleId :
PB87895BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.1	13.7
127	13.6	11.1	16.7

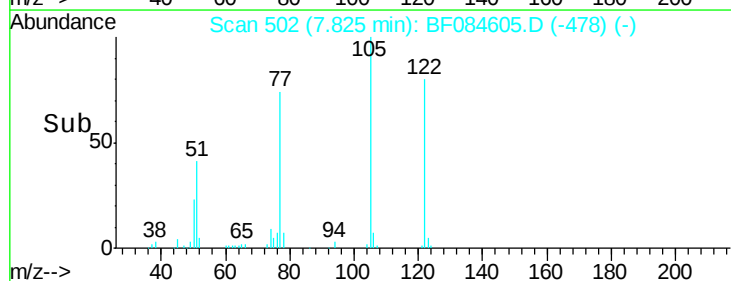
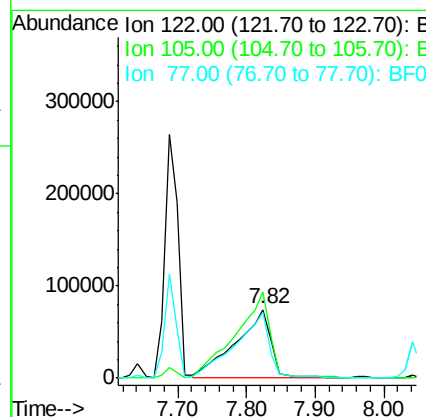
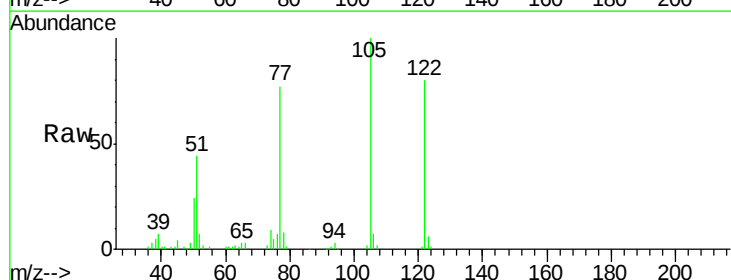
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#32
Benzoic acid
Concen: 37.19 ng
RT: 7.82 min Scan# 502
Delta R.T. -0.02 min
Lab File: BF084605.D
Acq: 25 Jan 2016 14:18

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.1	100.3	140.3
77	96.4	63.5	103.5





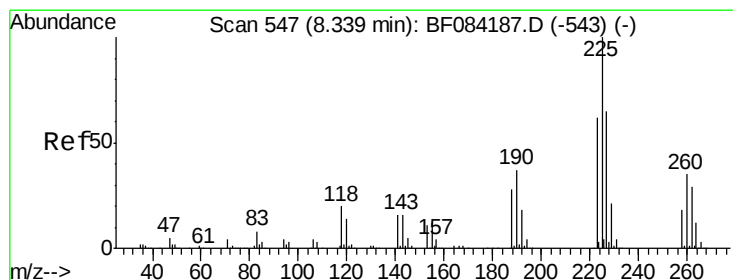
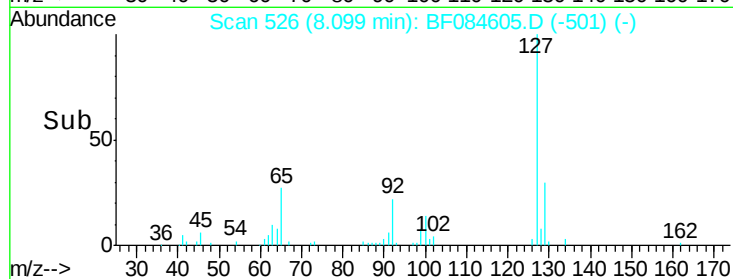
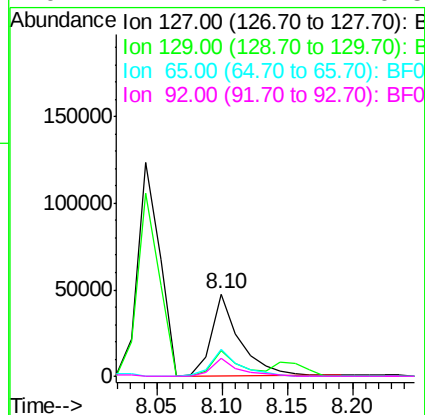
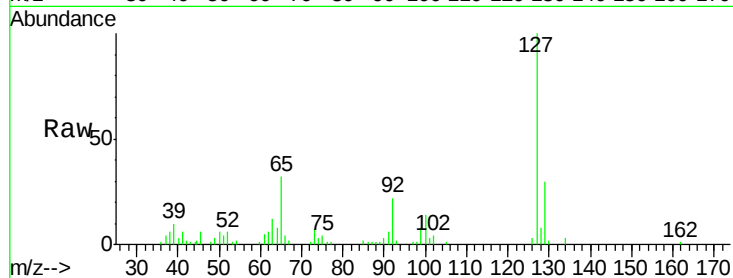
#33
4-Chloroaniline
Concen: 5.03 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.01 min
Lab File: BF084605.D
Acq: 25 Jan 2016 14:18

Instrument :
BNA_F
ClientSampleId :
PB87895BSD

Tot Ion:	127	Resp:	71312
Ion Ratio	Lower	Upper	
127	100		
129	30.4	26.5	39.7
65	32.0	27.2	40.8
92	22.2	17.7	26.5

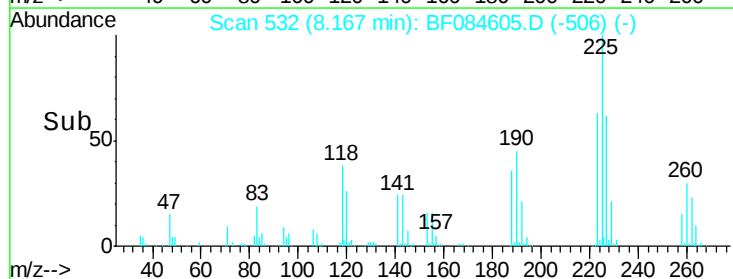
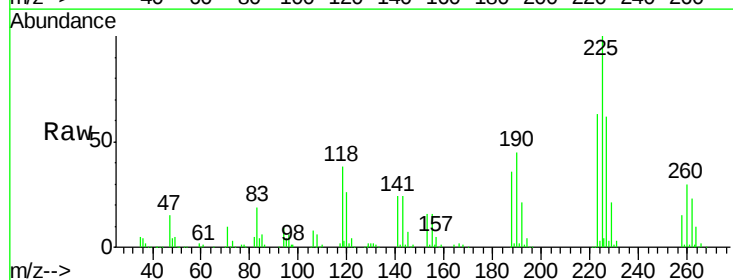
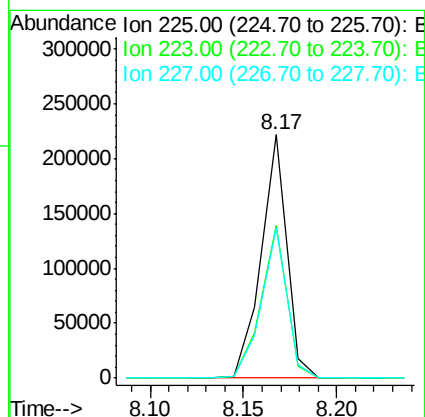
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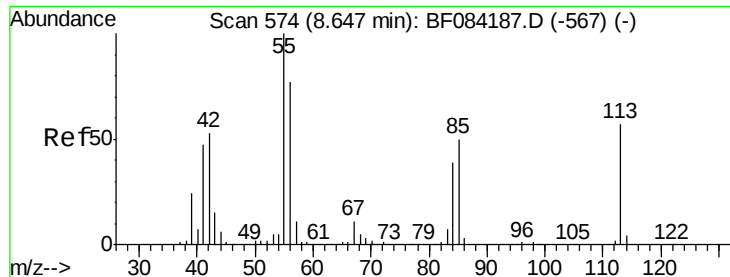
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#34
Hexachlorobutadiene
Concen: 37.16 ng
RT: 8.17 min Scan# 532
Delta R.T. 0.00 min
Lab File: BF084605.D
Acq: 25 Jan 2016 14:18

Tgt Ion:	225	Resp:	210357
Ion Ratio	Lower	Upper	
225	100		
223	62.6	49.4	74.0
227	61.8	50.8	76.2





#35

Caprolactam

Concen: 35.06 ng/ml

RT: 8.48 min Scan# 559

Delta R.T. -0.02 min

Lab File: BF084605.D

Acq: 25 Jan 2016 14:18

Instrument :

BNA_F

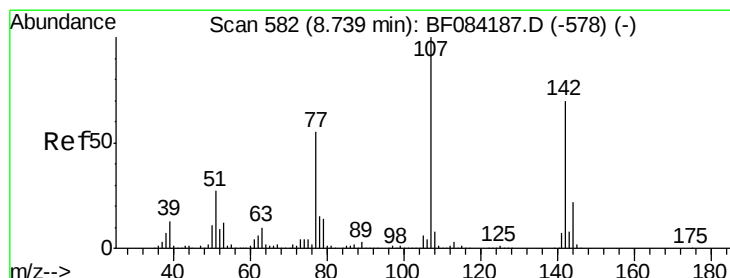
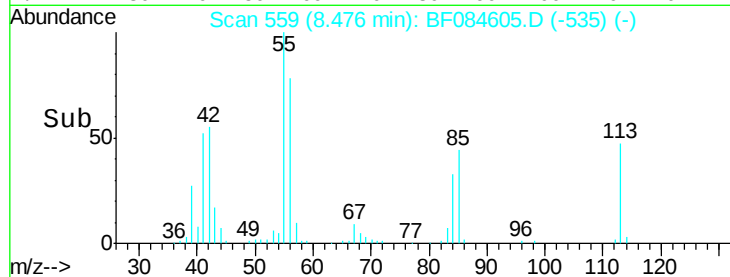
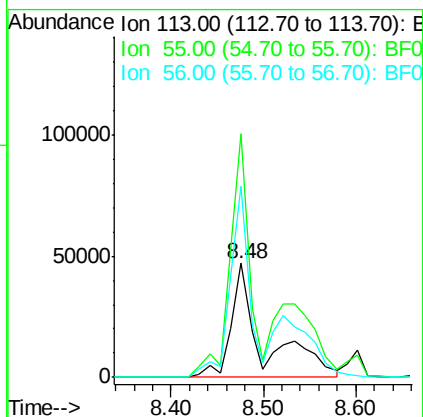
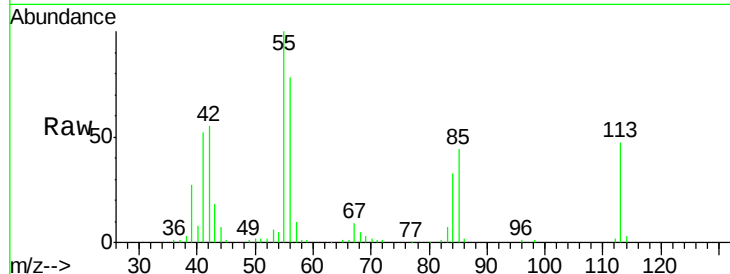
ClientSampleID :

PB87895BSD

Tot Ion:	113	Resp:	112762
Ion Ratio	Lower	Upper	
113	100		
55	214.1	116.9	156.9#
56	167.5	93.8	133.8#

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#36

4-Chloro-3-methylphenol

Concen: 40.12 ng/ml

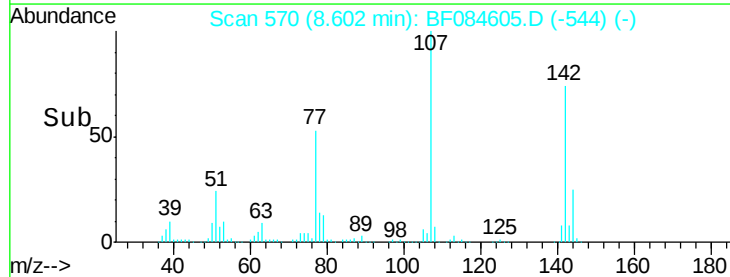
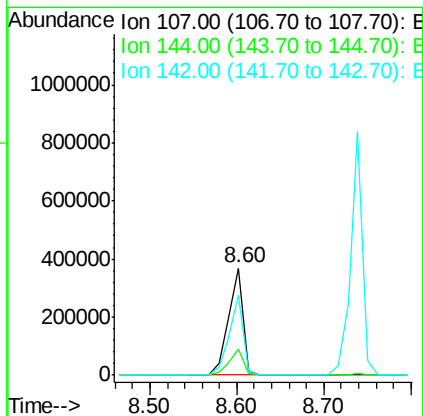
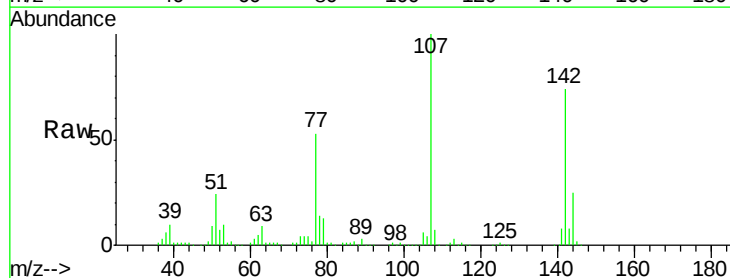
RT: 8.60 min Scan# 570

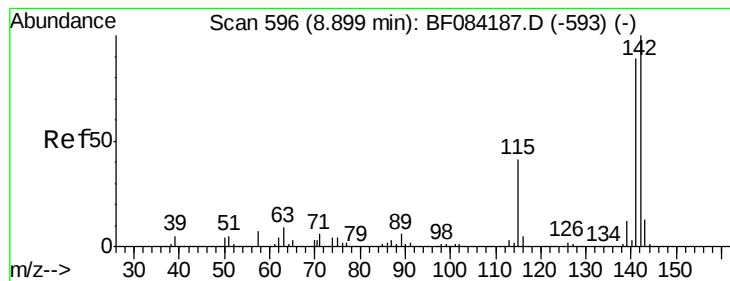
Delta R.T. 0.00 min

Lab File: BF084605.D

Acq: 25 Jan 2016 14:18

Tgt Ion:	107	Resp:	428753
Ion Ratio	Lower	Upper	
107	100		
144	24.6	19.7	29.5
142	74.0	61.8	92.6





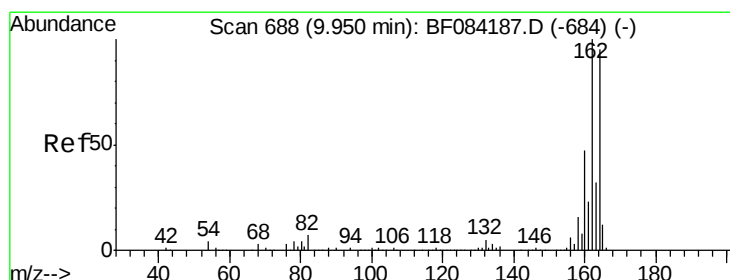
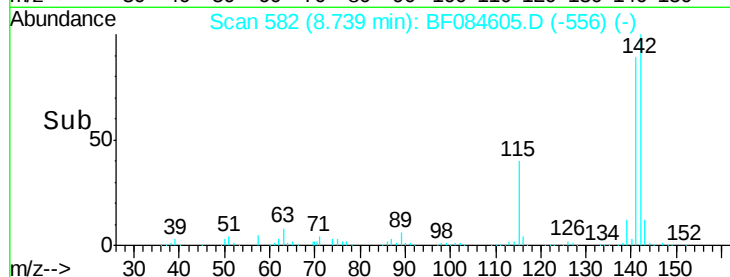
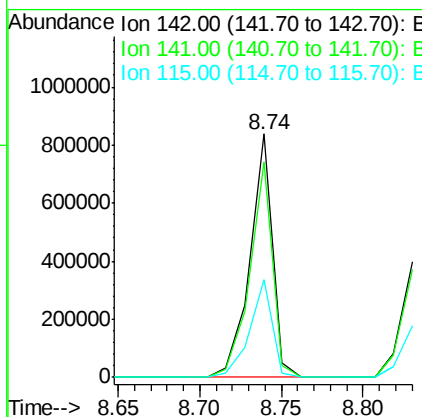
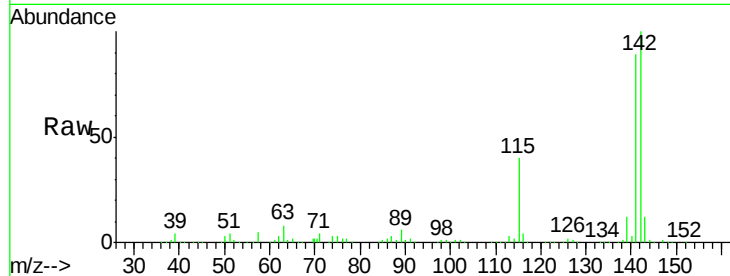
#37
2-Methylnaphthalene
Concen: 36.10 ng
RT: 8.74 min Scan# 582
Delta R.T. 0.00 min
Lab File: BF084605.D
Acq: 25 Jan 2016 14:18

Instrument :
BNA_F
ClientSampleID :
PB87895BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	72.4	108.6
115	40.1	27.9	41.9

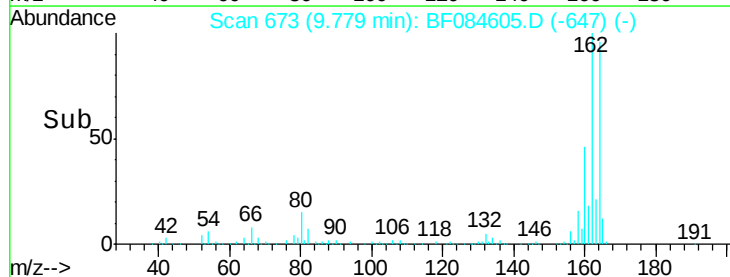
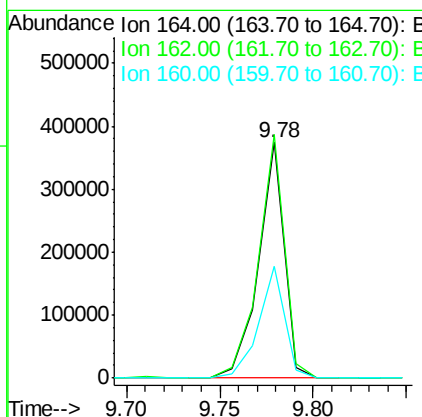
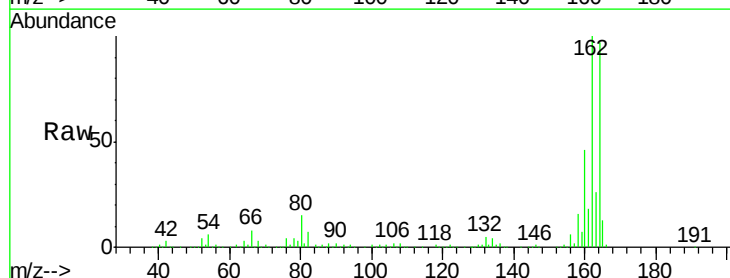
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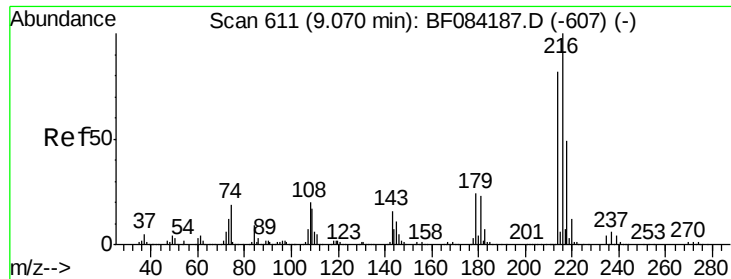
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 673
Delta R.T. 0.00 min
Lab File: BF084605.D
Acq: 25 Jan 2016 14:18

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.2	85.1	127.7
160	47.6	37.5	56.3





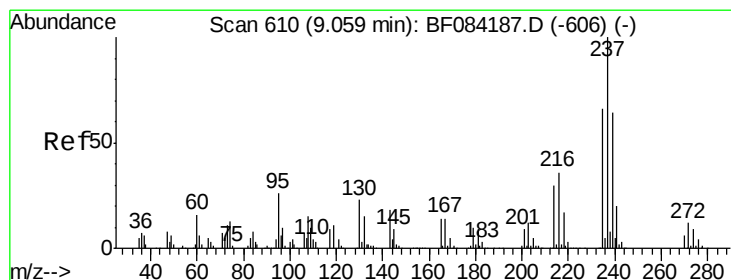
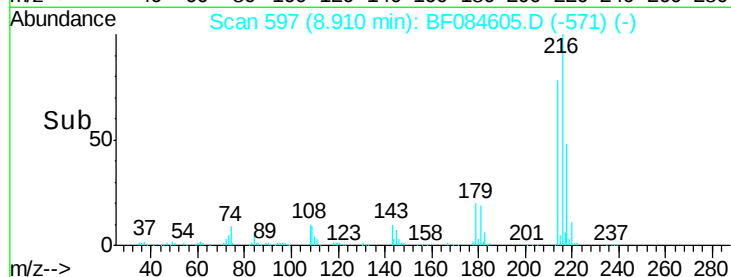
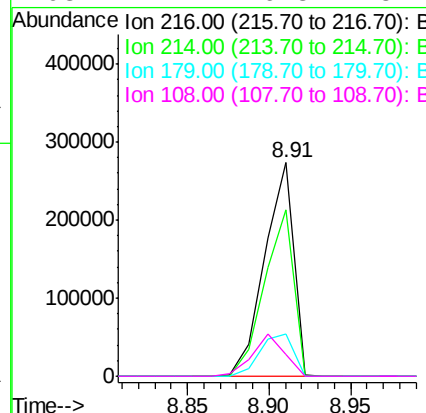
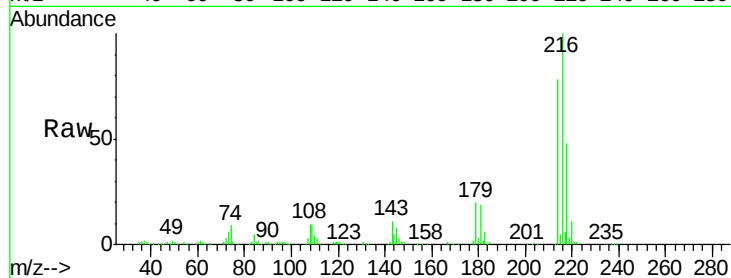
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 33.40 ng
 RT: 8.91 min Scan# 597
 Delta R.T. 0.00 min
 Lab File: BF084605.D
 Acq: 25 Jan 2016 14:18

Instrument :
 BNA_F
 ClientSampleId :
 PB87895BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		339363		
214	78.5	64.2	96.2		
179	22.7	18.7	28.1		
108	22.1	16.8	25.2		

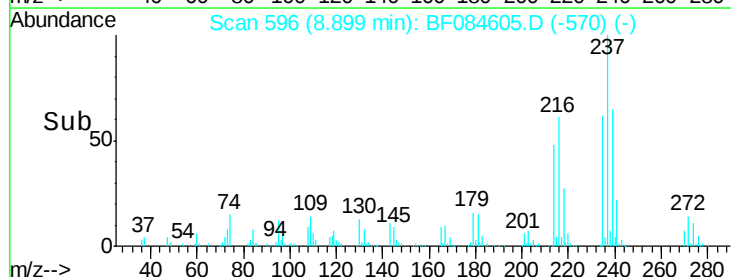
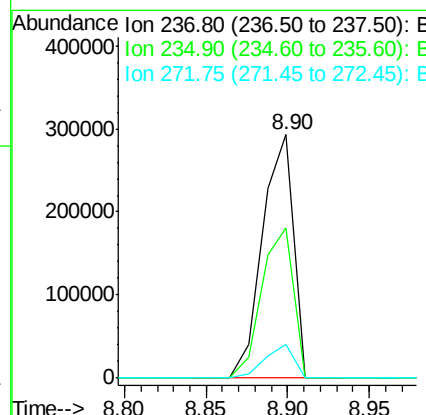
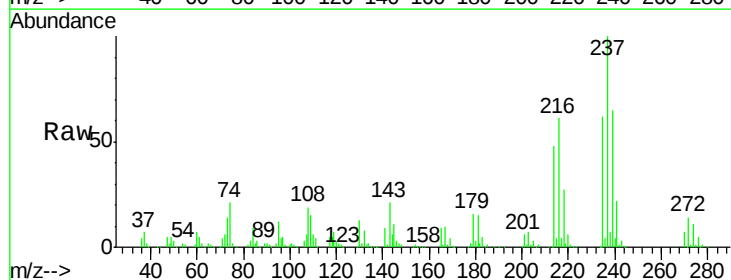
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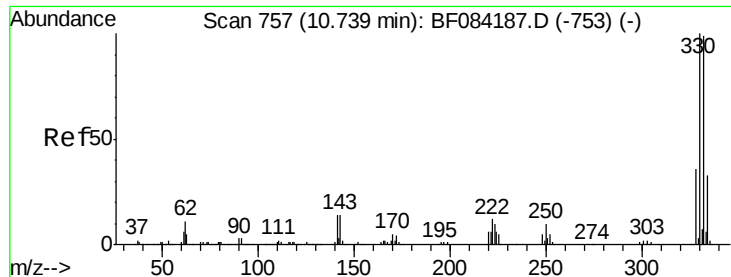
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#40
 Hexachlorocyclopentadiene
 Concen: 62.91 ng
 RT: 8.90 min Scan# 596
 Delta R.T. 0.00 min
 Lab File: BF084605.D
 Acq: 25 Jan 2016 14:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		385924		
235	61.6	43.1	83.1		
272	14.1	0.0	35.1		





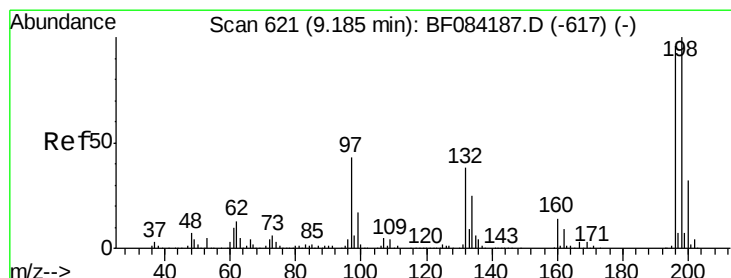
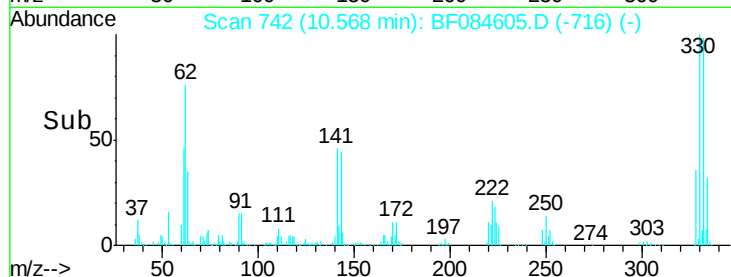
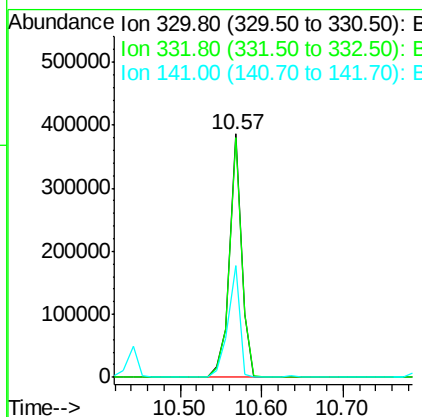
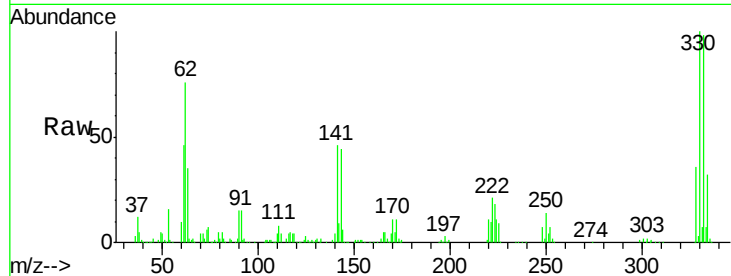
#41
 2,4,6-Tribromophenol
 Concen: 112.47 ng
 RT: 10.57 min Scan# 742
 Delta R.T. 0.00 min
 Lab File: BF084605.D
 Acq: 25 Jan 2016 14:18

Instrument :
 BNA_F
 ClientSampleId :
 PB87895BSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	98.5	76.6	114.8	
141	43.4	27.8	41.6	

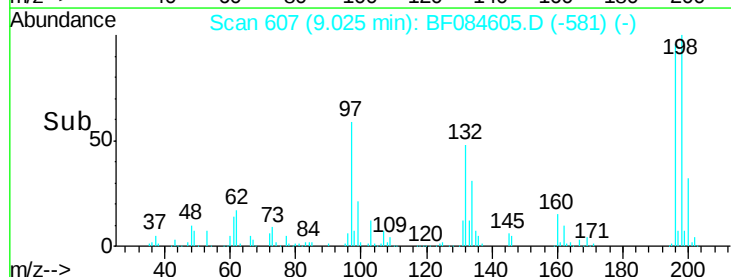
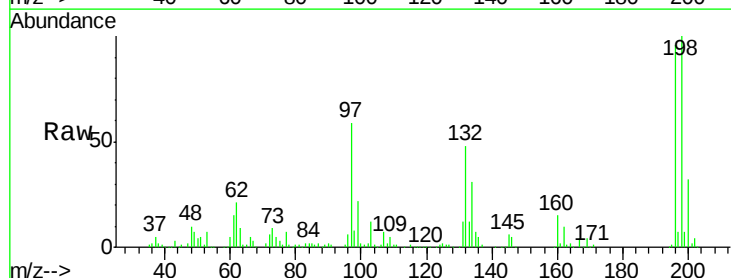
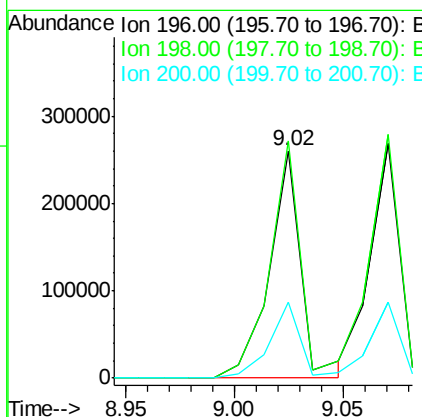
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#42
 2,4,6-Trichlorophenol
 Concen: 35.02 ng
 RT: 9.02 min Scan# 607
 Delta R.T. 0.00 min
 Lab File: BF084605.D
 Acq: 25 Jan 2016 14:18

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	104.3	77.7	116.5	
200	33.3	24.6	37.0	





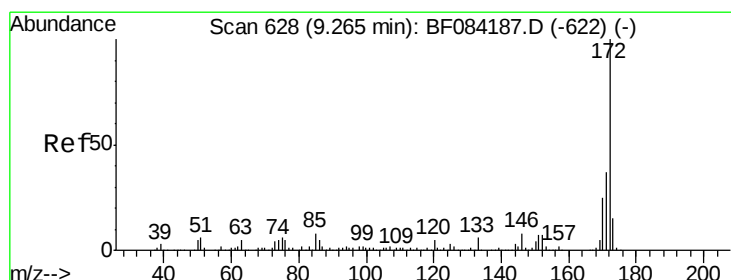
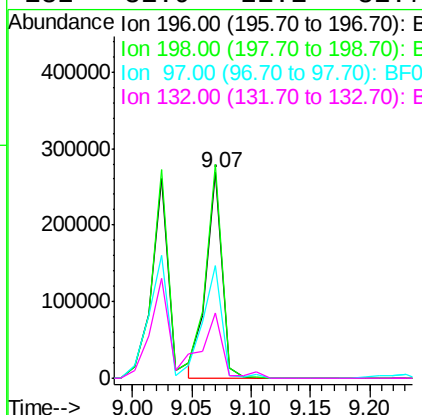
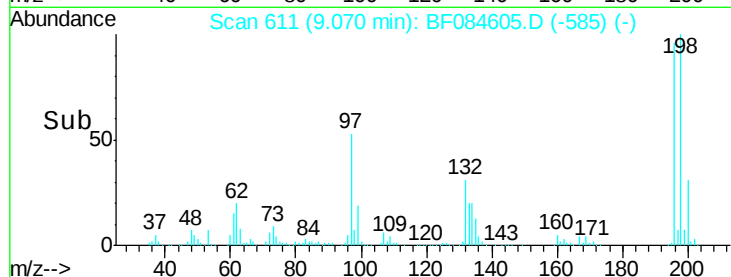
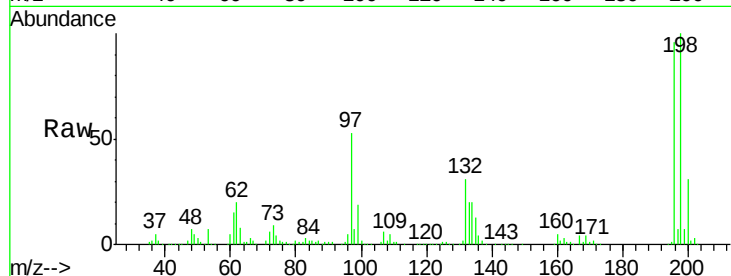
#43
 2,4,5-Trichlorophenol
 Concen: 34.71 ng
 RT: 9.07 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF084605.D
 Acq: 25 Jan 2016 14:18

Instrument :
 BNA_F
 ClientSampleId :
 PB87895BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	252978		
198	103.9	79.0	118.6	
97	54.9	33.0	49.6	
132	31.9	21.1	31.7	

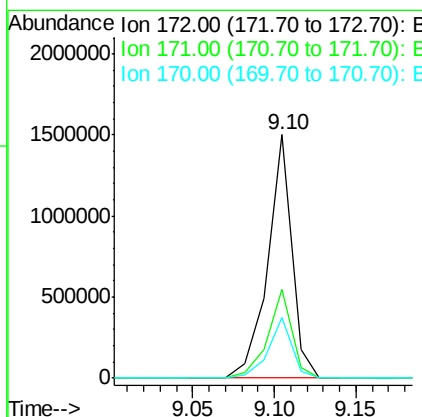
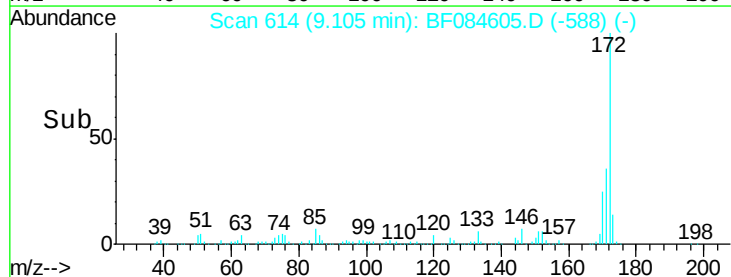
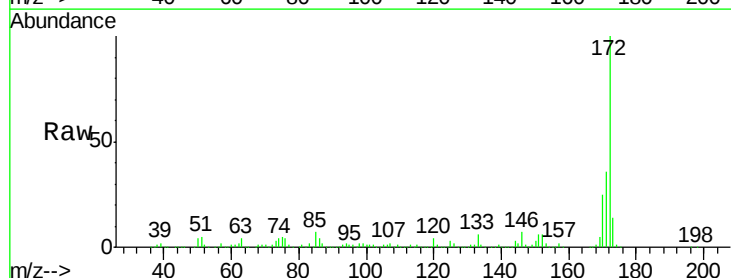
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#44
 2-Fluorobiphenyl
 Concen: 76.63 ng
 RT: 9.10 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: BF084605.D
 Acq: 25 Jan 2016 14:18

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1552220		
171	36.2	28.9	43.3	
170	24.9	18.6	27.8	





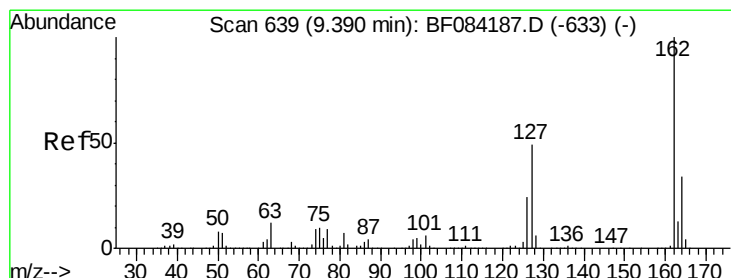
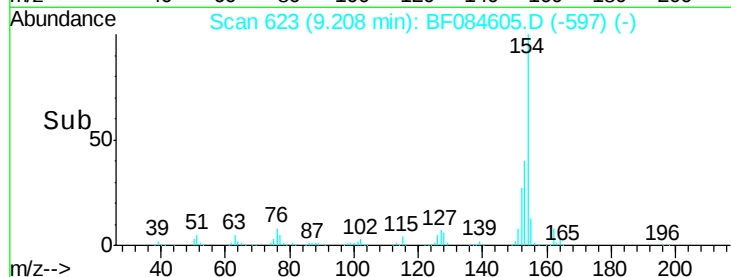
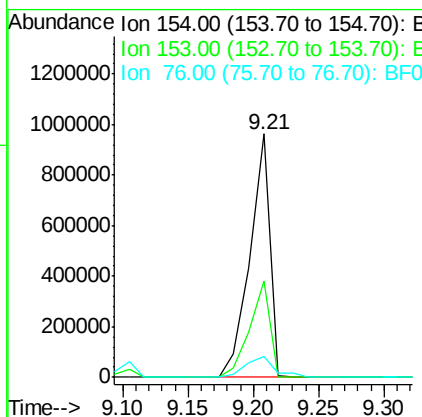
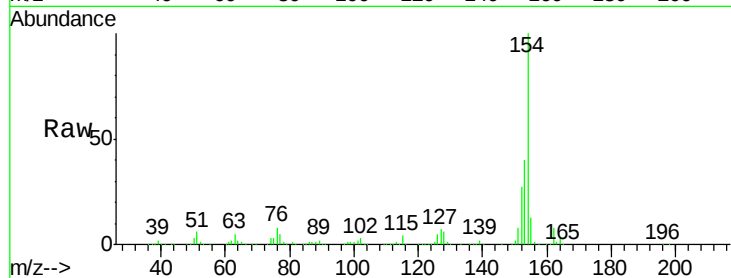
#45
 1,1'-Biphenyl
 Concen: 36.45 ng
 RT: 9.21 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF084605.D
 Acq: 25 Jan 2016 14:18

Instrument :
 BNA_F
 ClientSampleId :
 PB87895BSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	39.6	21.6	61.6
76	8.4	0.0	32.7

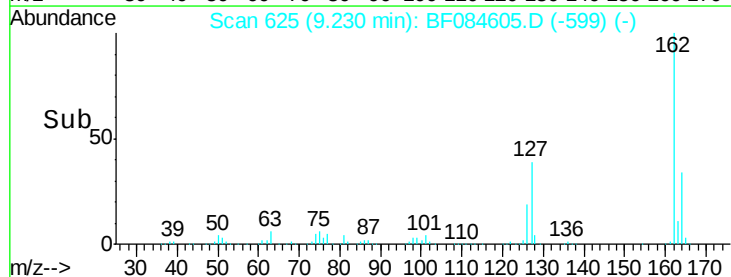
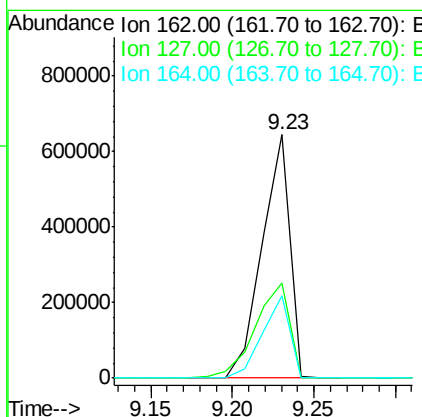
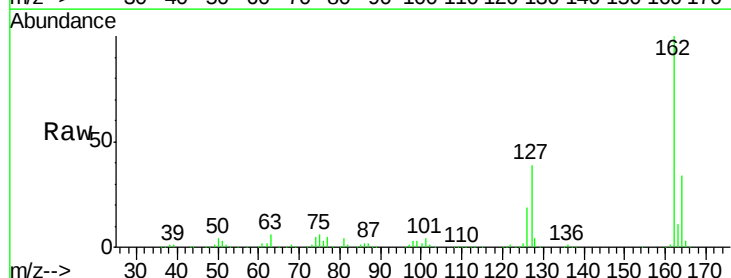
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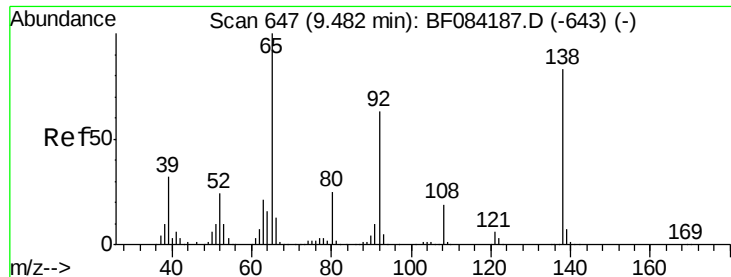
mohammad
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#46
 2-Chloronaphthalene
 Concen: 34.65 ng
 RT: 9.23 min Scan# 625
 Delta R.T. 0.00 min
 Lab File: BF084605.D
 Acq: 25 Jan 2016 14:18

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.0	40.2	60.4#
164	34.0	25.7	38.5





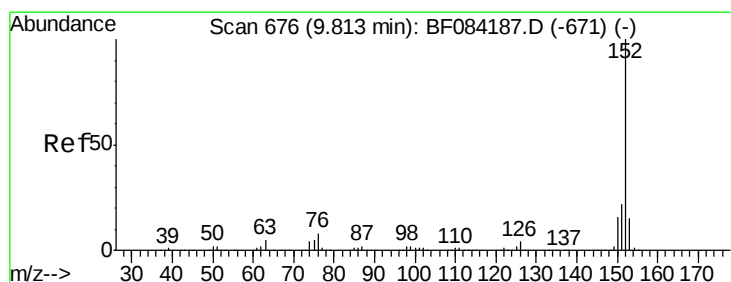
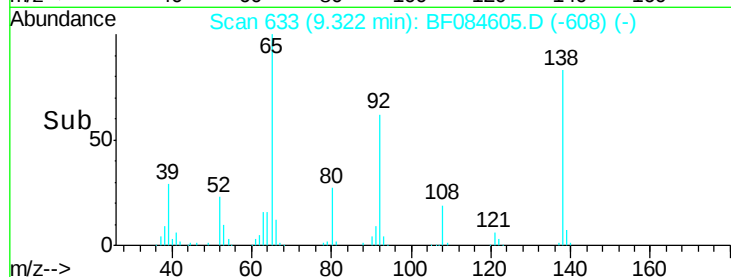
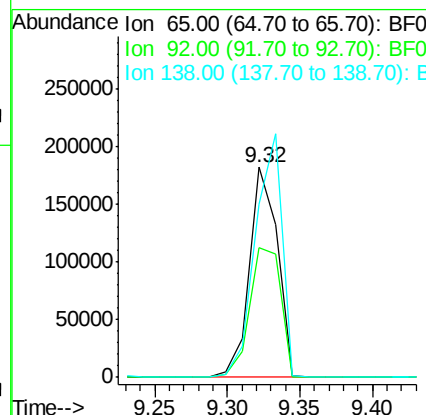
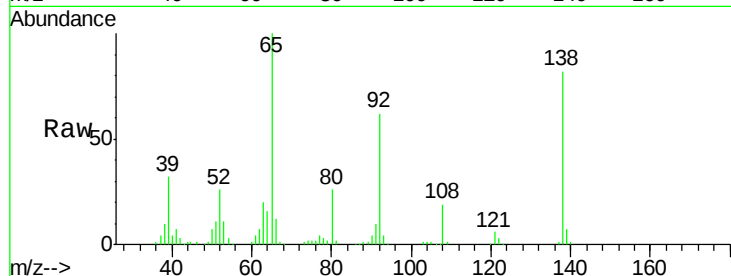
#47
2-Nitroaniline
Concen: 33.34 ng
RT: 9.32 min Scan# 633
Delta R.T. -0.01 min
Lab File: BF084605.D
Acq: 25 Jan 2016 14:18

Instrument :
BNA_F
ClientSampleId :
PB87895BSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	61.5	53.4	80.2
138	82.5	71.1	106.7

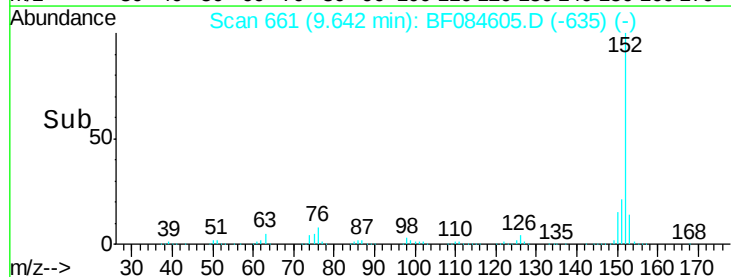
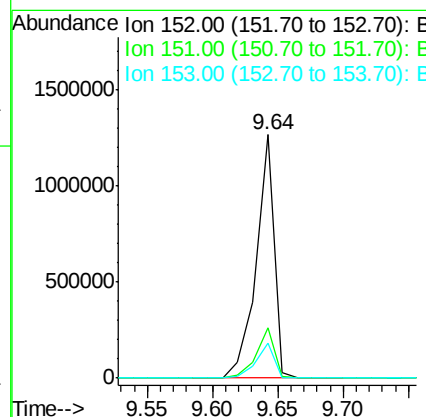
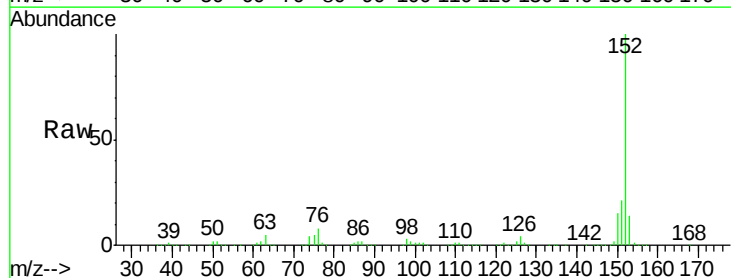
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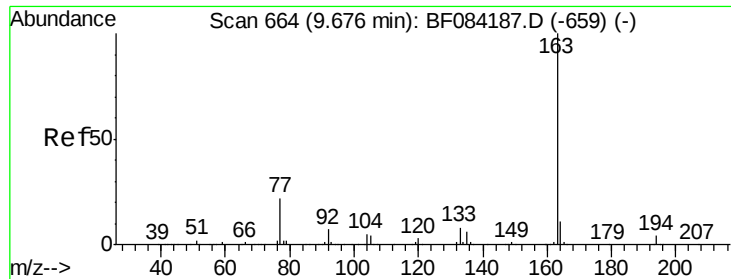
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#48
Acenaphthylene
Concen: 37.38 ng
RT: 9.64 min Scan# 661
Delta R.T. 0.00 min
Lab File: BF084605.D
Acq: 25 Jan 2016 14:18

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.3	24.5
153	14.3	10.4	15.6





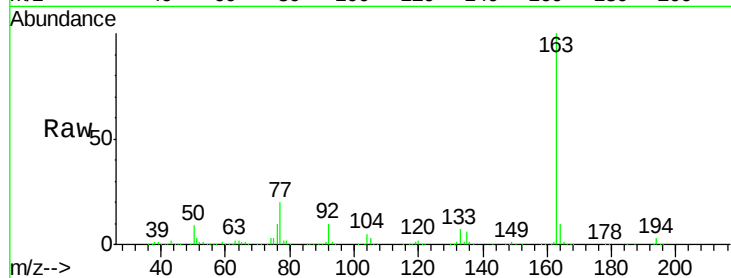
#49
Dimethylphthalate
Concen: 38.72 ng
RT: 9.52 min Scan# 650
Delta R.T. 0.00 min
Lab File: BF084605.D
Acq: 25 Jan 2016 14:18

Instrument :
BNA_F
ClientSampleId :
PB87895BSD

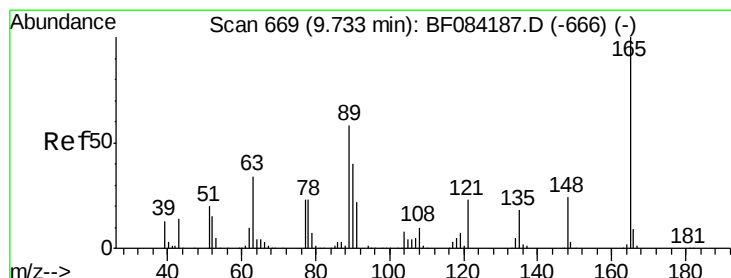
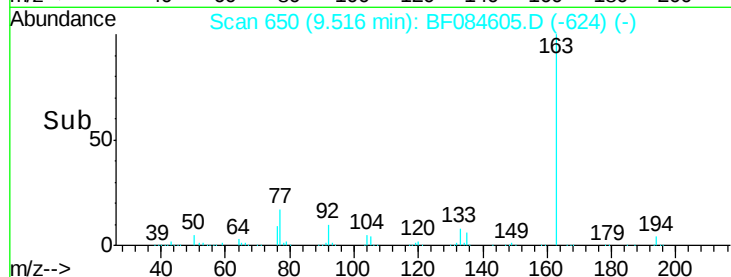
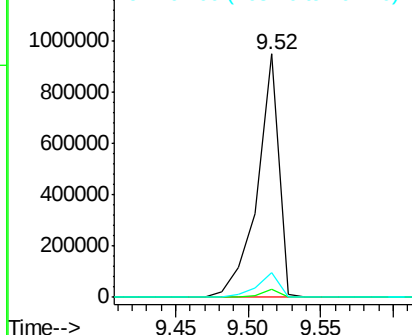
Tot Ion	Ratio	Resp	Lower	Upper
163	100	978399		
194	3.5		8.0	12.0#
164	10.2		8.0	12.0

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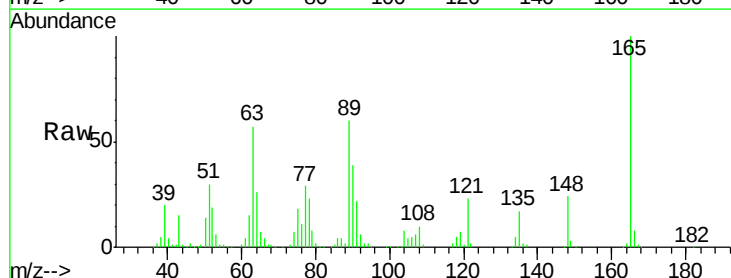


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

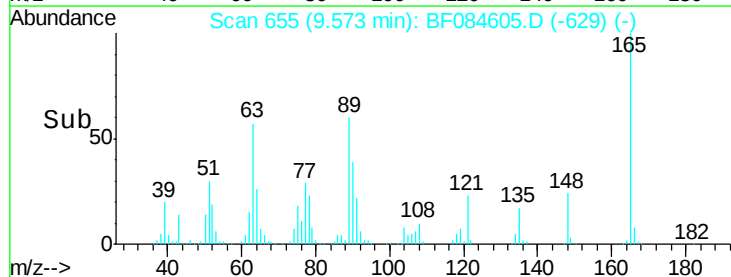
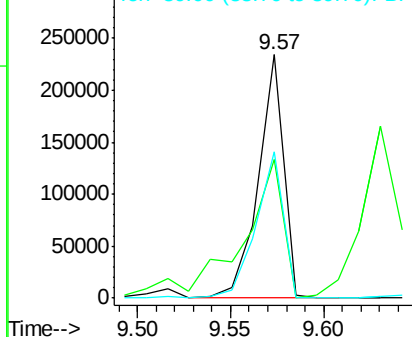


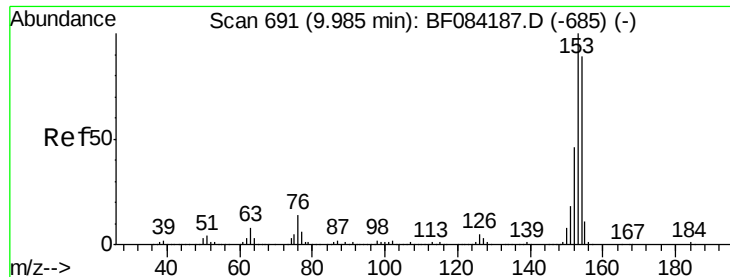
#50
2,6-Dinitrotoluene
Concen: 39.37 ng
RT: 9.57 min Scan# 655
Delta R.T. 0.00 min
Lab File: BF084605.D
Acq: 25 Jan 2016 14:18

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	218216		
63	57.2		28.8	43.2#
89	60.1		35.1	52.7#



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





#51

Acenaphthene

Concen: 37.11 ng

RT: 9.81 min Scan# 676

Delta R.T. 0.00 min

Lab File: BF084605.D

Acq: 25 Jan 2016 14:18

Instrument :

BNA_F

ClientSampleId :

PB87895BSD

Tot Ion:154 Resp: 811468

Ion Ratio Lower Upper

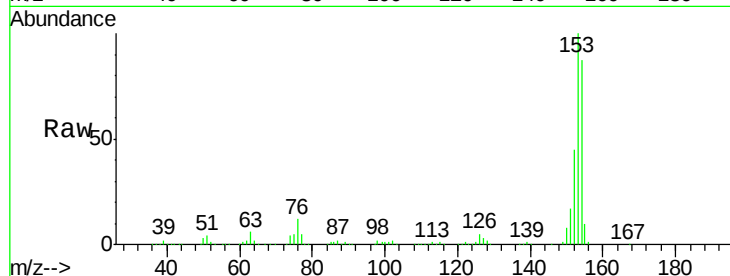
154 100

153 114.6 91.5 137.3

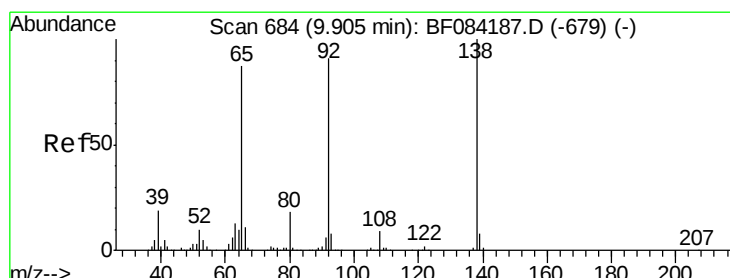
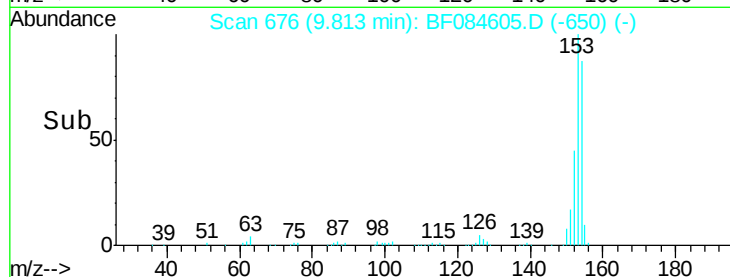
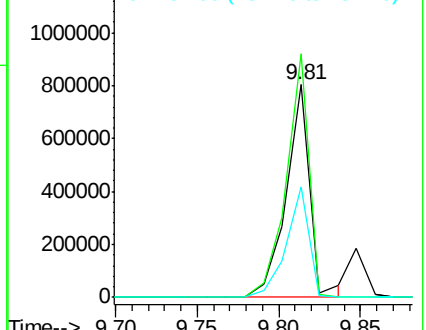
152 51.8 43.0 64.6

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



#52

3-Nitroaniline

Concen: 8.29 ng

RT: 9.73 min Scan# 669

Delta R.T. -0.01 min

Lab File: BF084605.D

Acq: 25 Jan 2016 14:18

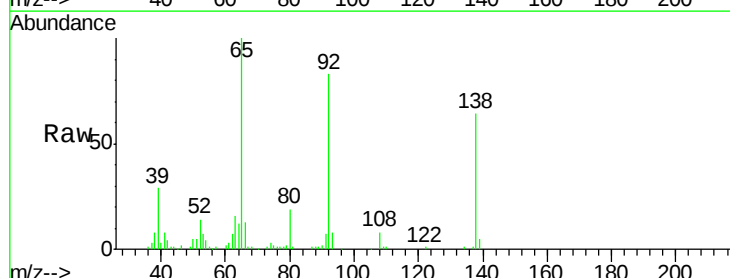
Tgt Ion:138 Resp: 56942

Ion Ratio Lower Upper

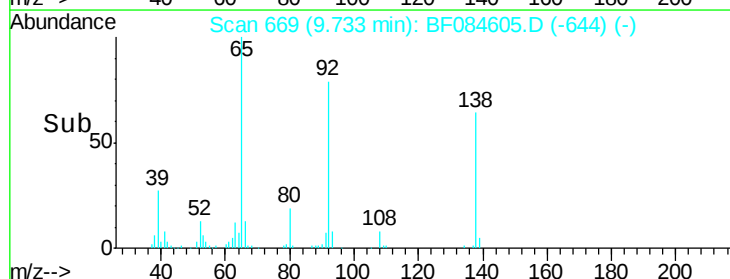
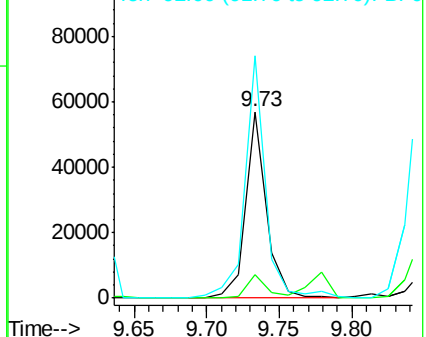
138 100

108 12.3 10.5 15.7

92 130.0 103.9 155.9



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





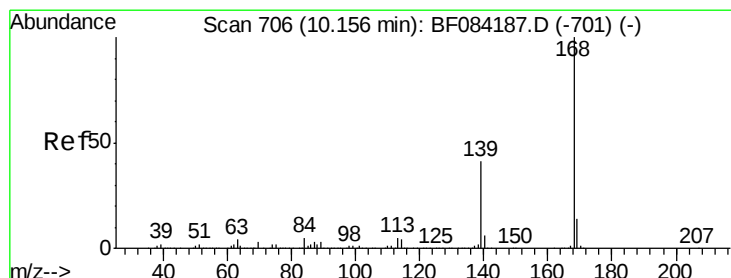
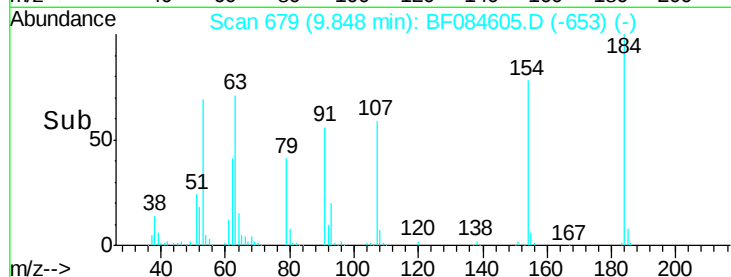
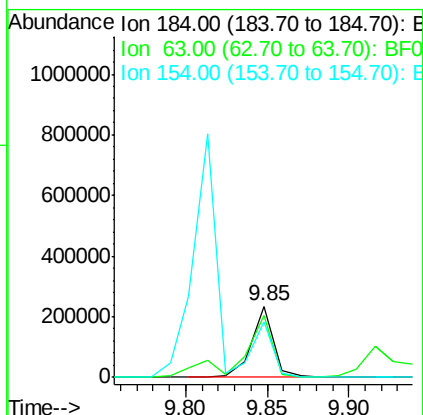
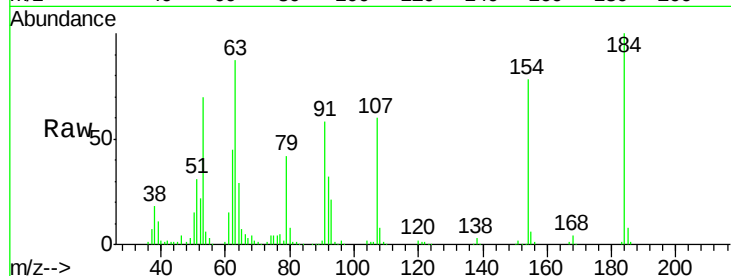
#53
2,4-Dinitrophenol
Concen: 93.39 ng
RT: 9.85 min Scan# 679
Delta R.T. 0.00 min
Lab File: BF084605.D
Acq: 25 Jan 2016 14:18

Instrument :
BNA_F
ClientSampleId :
PB87895BSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	86.5	43.1	64.7#
154	78.5	60.5	90.7

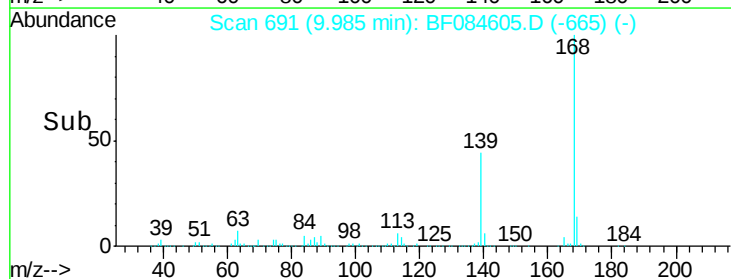
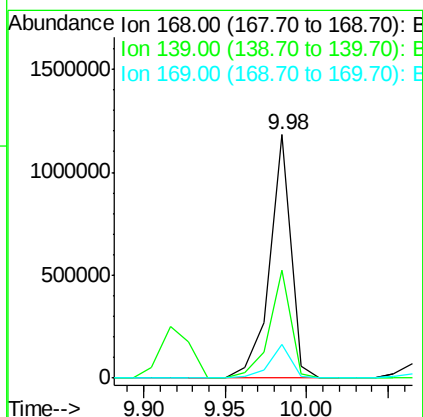
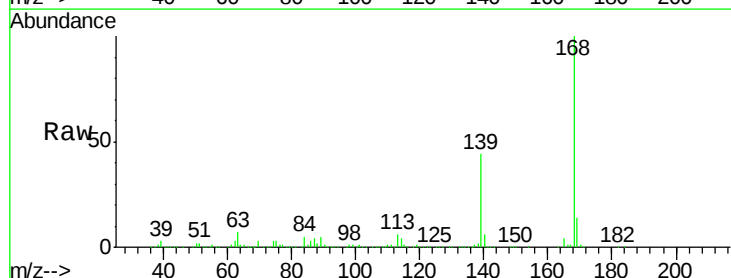
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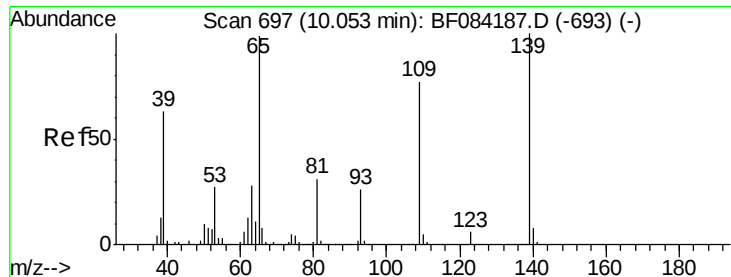
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#54
Dibenzofuran
Concen: 37.27 ng
RT: 9.98 min Scan# 691
Delta R.T. 0.00 min
Lab File: BF084605.D
Acq: 25 Jan 2016 14:18

Tgt Ion	Ratio	Lower	Upper
168	100		
139	44.3	30.5	45.7
169	13.9	10.4	15.6





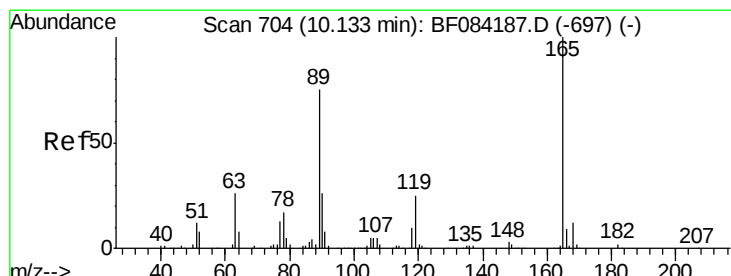
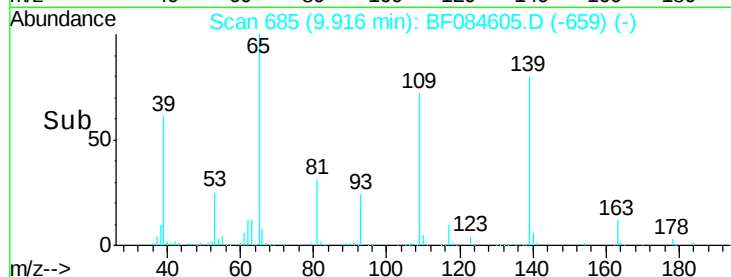
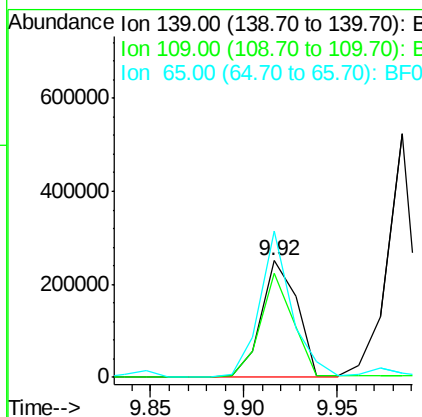
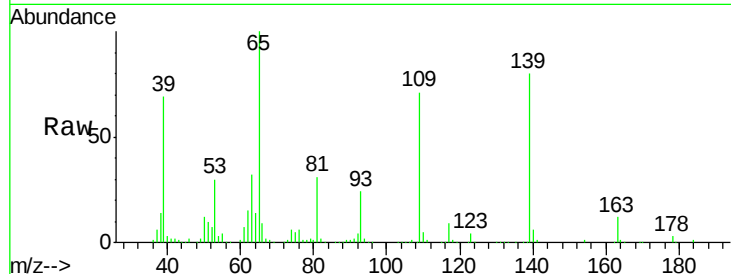
#55
4-Nitrophenol
Concen: 67.53 ng
RT: 9.92 min Scan# 685
Delta R.T. 0.00 min
Lab File: BF084605.D
Acq: 25 Jan 2016 14:18

Instrument :
BNA_F
ClientSampleId :
PB87895BSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	89.3	58.5	98.5	
65	125.7	57.6	97.6	

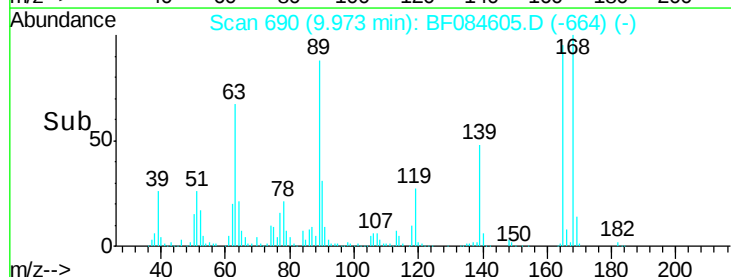
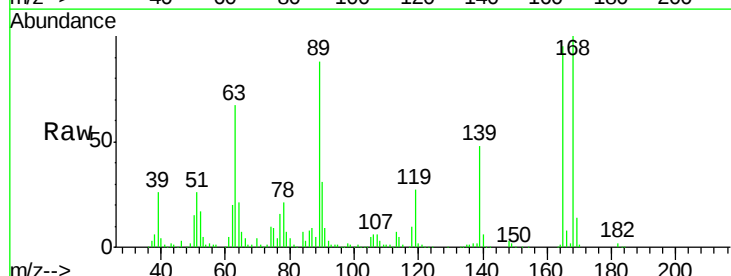
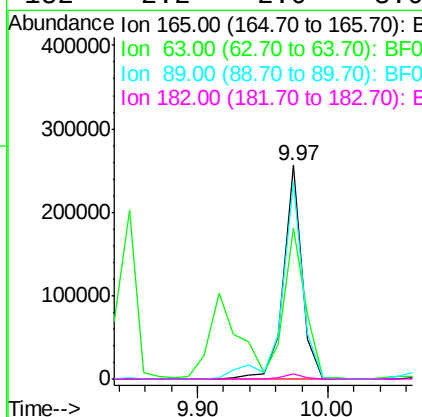
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#56
2,4-Dinitrotoluene
Concen: 35.99 ng
RT: 9.97 min Scan# 690
Delta R.T. 0.00 min
Lab File: BF084605.D
Acq: 25 Jan 2016 14:18

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	70.5	36.7	55.1	
89	92.5	61.9	92.9	
182	2.2	2.0	3.0	





#57

Fluorene

Concen: 40.64 ng

RT: 10.33 min Scan# 721

Delta R.T. 0.00 min

Lab File: BF084605.D

Acq: 25 Jan 2016 14:18

Instrument :

BNA_F

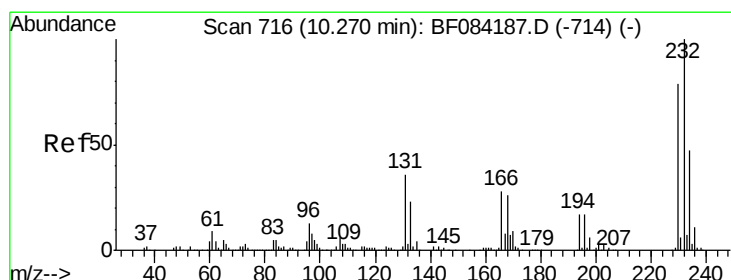
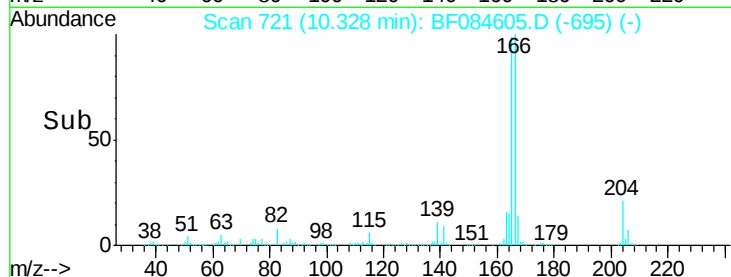
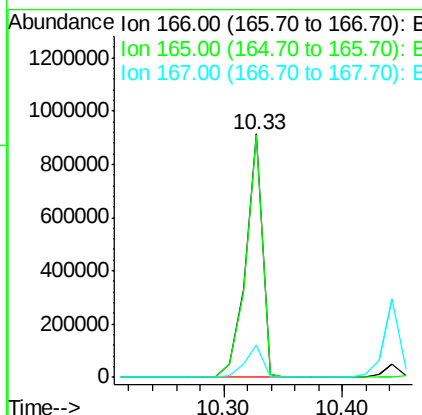
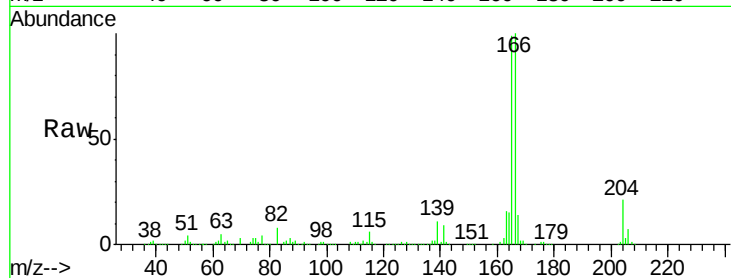
ClientSampleId :

PB87895BSD

Tot Ion:	166	Resp:	895088
Ion Ratio	Lower	Upper	
166	100		
165	99.4	79.1	118.7
167	13.5	10.4	15.6

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#58

2,3,4,6-Tetrachlorophenol

Concen: 36.10 ng

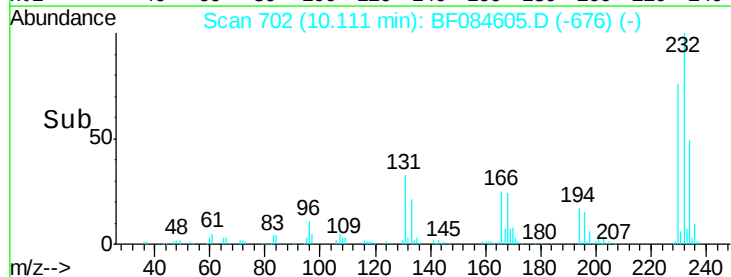
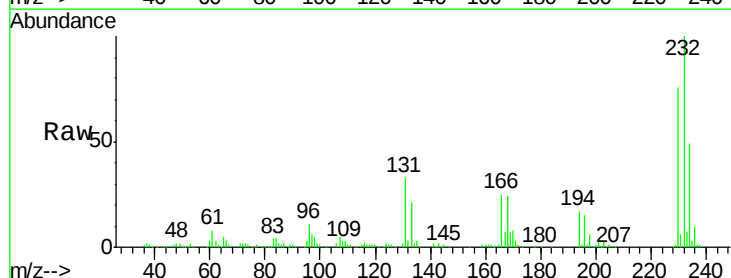
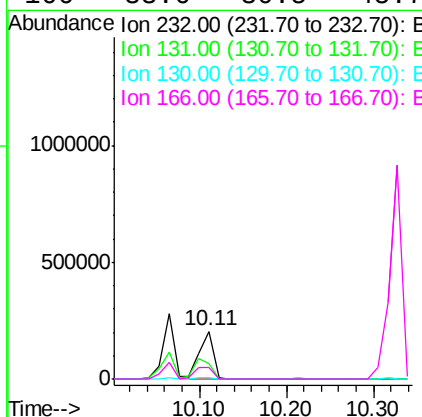
RT: 10.11 min Scan# 702

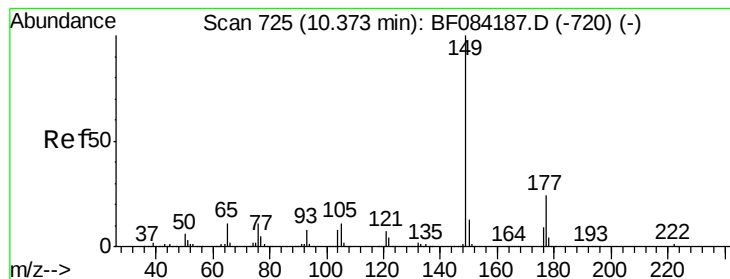
Delta R.T. 0.00 min

Lab File: BF084605.D

Acq: 25 Jan 2016 14:18

Tgt Ion:	232	Resp:	224624
Ion Ratio	Lower	Upper	
232	100		
131	48.5	47.0	70.6
130	2.4	2.0	3.0
166	33.6	30.5	45.7





#59

Diethylphthalate

Concen: 38.56 ng

RT: 10.21 min Scan# 711

Delta R.T. 0.00 min

Lab File: BF084605.D

Acq: 25 Jan 2016 14:18

Instrument :

BNA_F

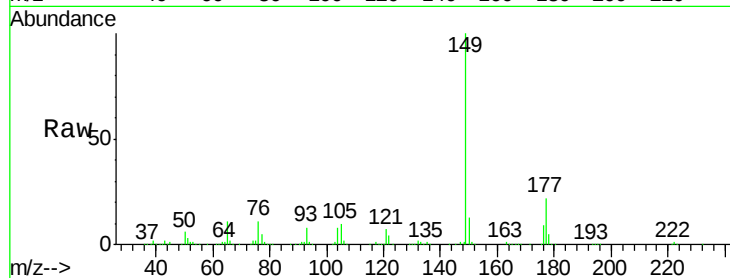
ClientSampleId :

PB87895BSD

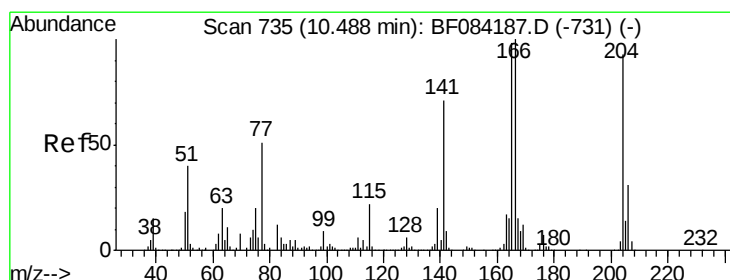
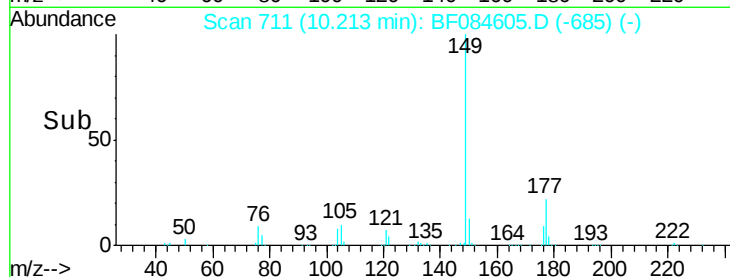
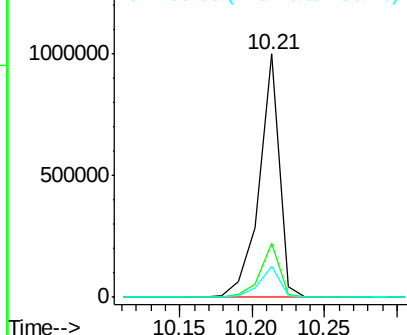
Tot Ion:	149	Resp:	960666
Ion Ratio	Lower	Upper	
149	100		
177	22.2	17.3	25.9
150	12.9	9.8	14.8

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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: 38.46 ng

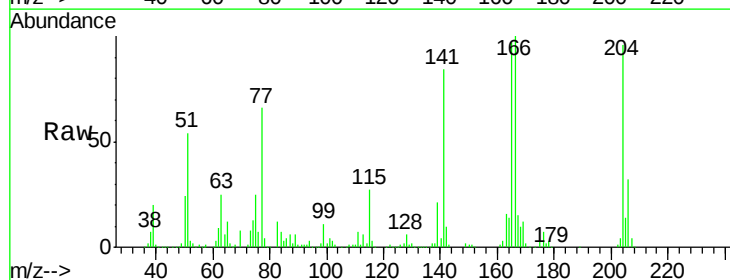
RT: 10.32 min Scan# 720

Delta R.T. -0.01 min

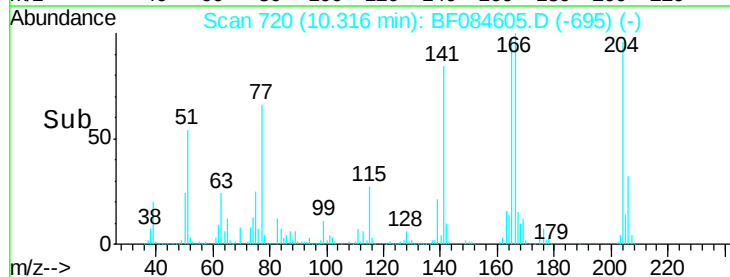
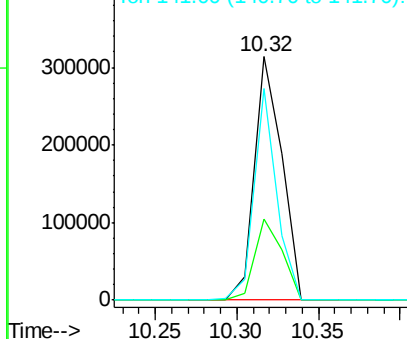
Lab File: BF084605.D

Acq: 25 Jan 2016 14:18

Tgt Ion:	204	Resp:	366009
Ion Ratio	Lower	Upper	
204	100		
206	33.3	25.7	38.5
141	87.0	55.1	82.7#



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





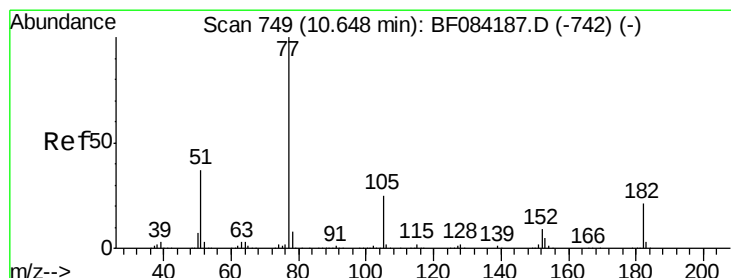
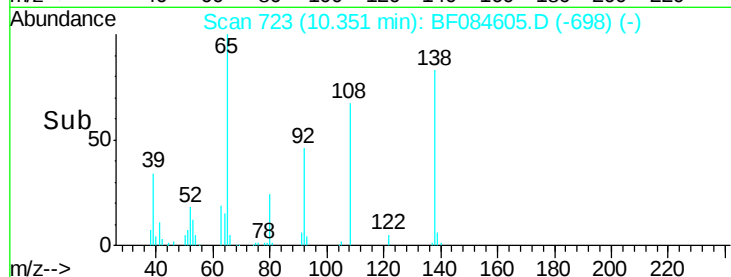
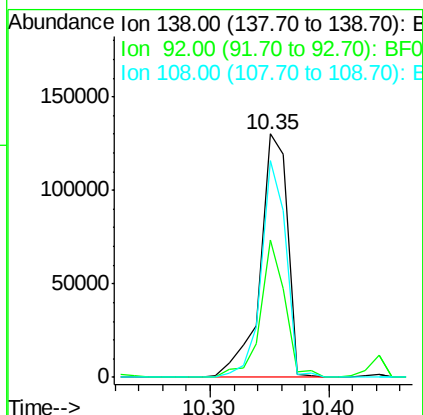
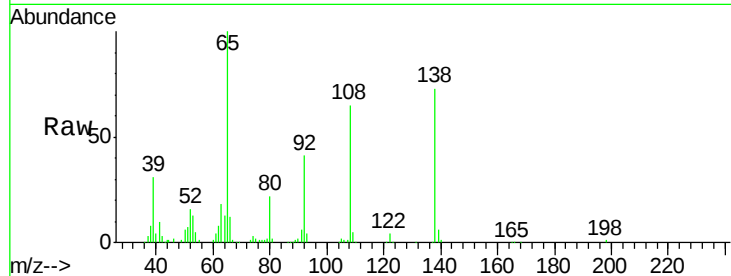
#61
4-Nitroaniline
Concen: 34.33 ng
RT: 10.35 min Scan# 723
Delta R.T. -0.01 min
Lab File: BF084605.D
Acq: 25 Jan 2016 14:18

Instrument :
BNA_F
ClientSampleId :
PB87895BSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	56.2	32.6	72.6
108	89.2	68.6	108.6

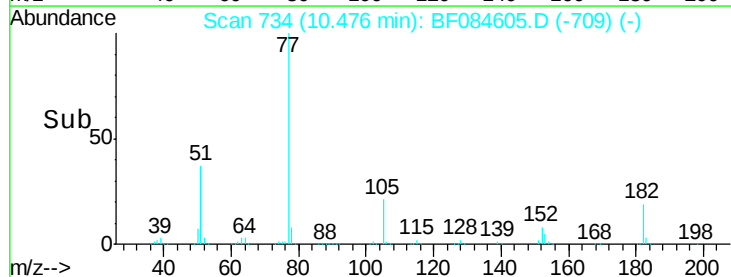
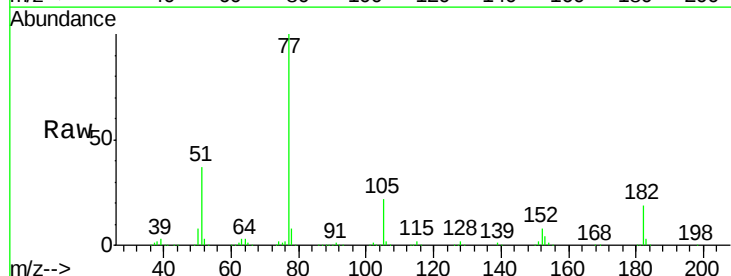
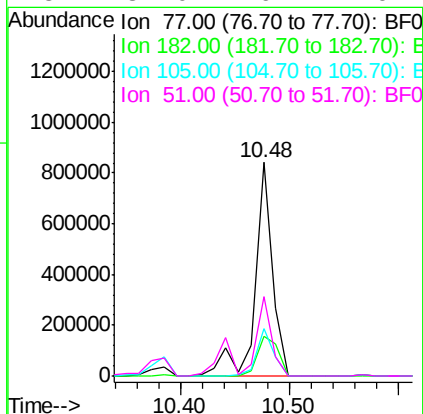
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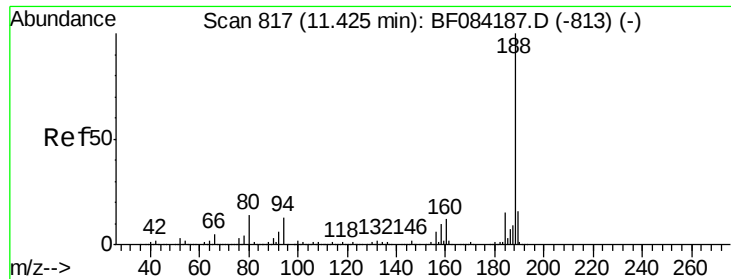
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#62
Azobenzene
Concen: 34.87 ng
RT: 10.48 min Scan# 734
Delta R.T. -0.01 min
Lab File: BF084605.D
Acq: 25 Jan 2016 14:18

Tgt Ion	Ratio	Lower	Upper
77	100		
182	18.7	8.3	48.3
105	22.1	4.6	44.6
51	37.0	6.2	46.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.25 min Scan# 802

Delta R.T. -0.01 min

Lab File: BF084605.D

Acq: 25 Jan 2016 14:18

Instrument :

BNA_F

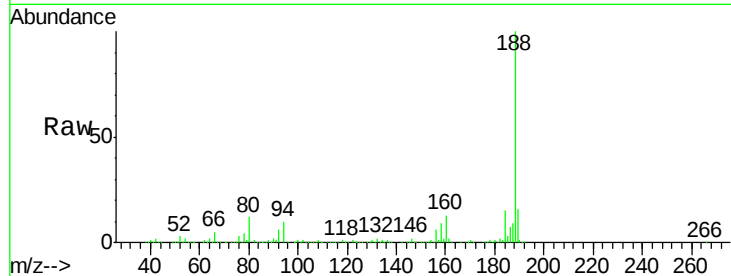
ClientSampleId :

PB87895BSD

Tot Ion:	188	Resp:	650190
Ion Ratio	Lower	Upper	
188	100		
94	10.3	9.0	13.4
80	12.0	9.6	14.4

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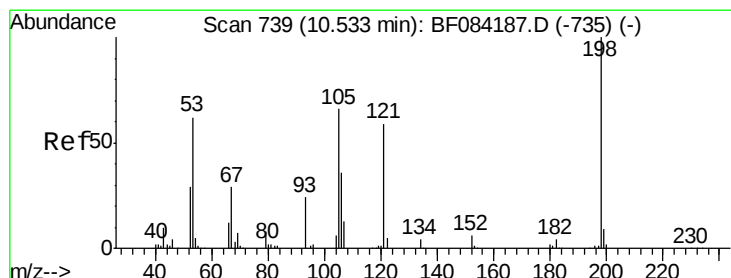
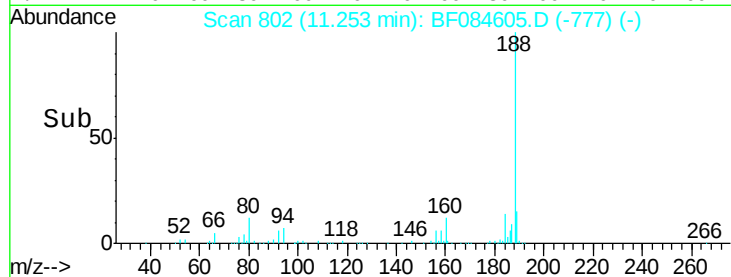
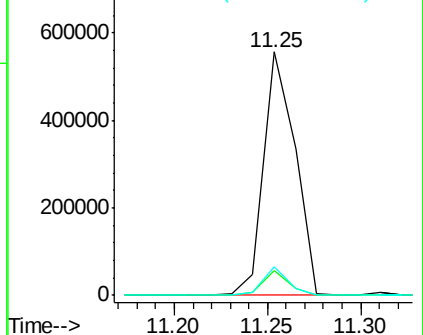
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 43.71 ng

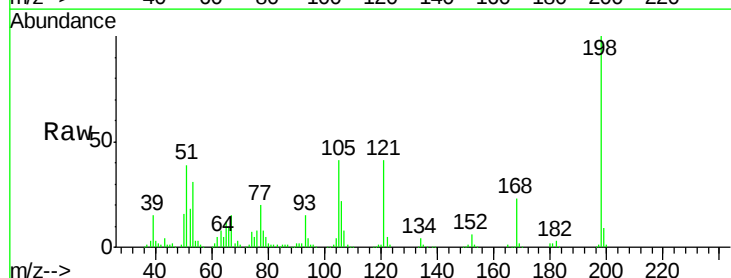
RT: 10.38 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF084605.D

Acq: 25 Jan 2016 14:18

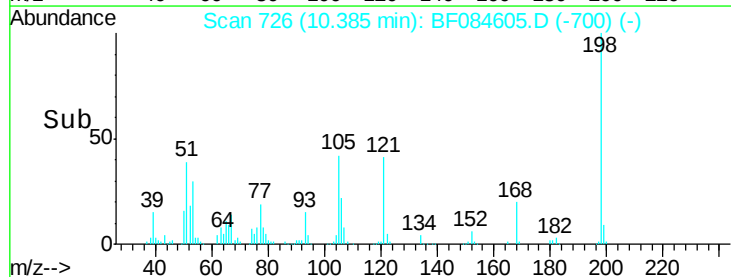
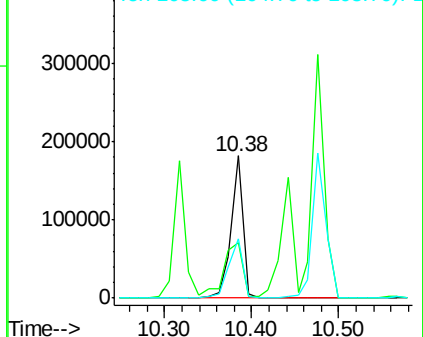
Tgt Ion:	198	Resp:	173251
Ion Ratio	Lower	Upper	
198	100		
51	38.8	18.9	58.9
105	41.5	26.4	66.4

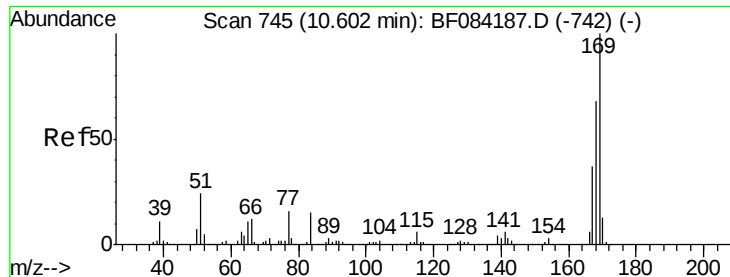


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 35.45 ng

RT: 10.44 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF084605.D

Acq: 25 Jan 2016 14:18

Instrument :

BNA_F

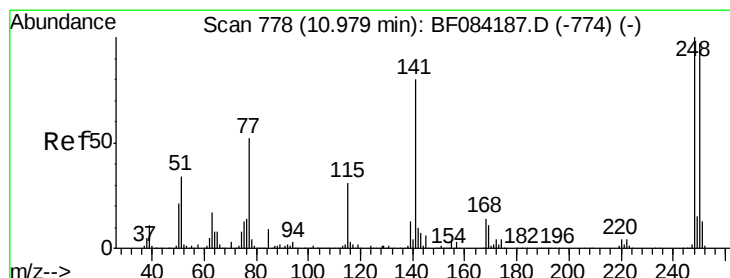
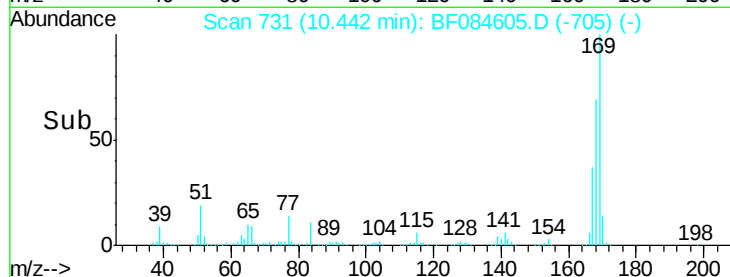
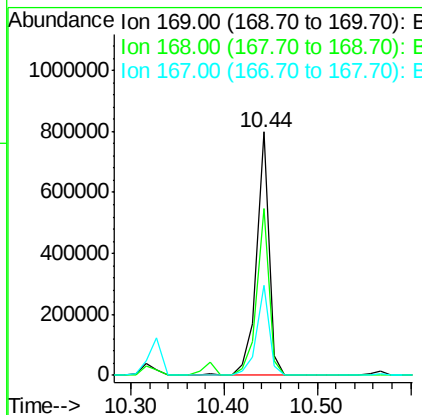
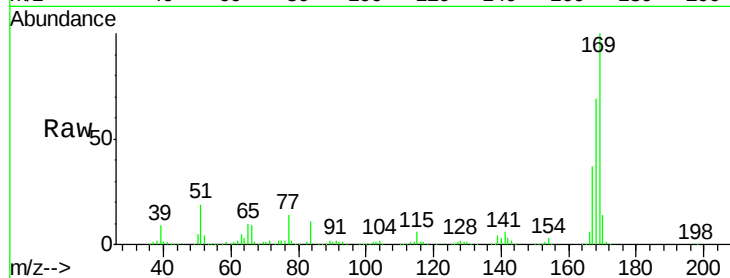
ClientSampleId :

PB87895BSD

Tot Ion:	169	Resp:	736954
Ion Ratio	Lower	Upper	
169	100		
168	68.7	55.1	82.7
167	37.1	30.0	45.0

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#66

4-Bromophenyl-phenylether

Concen: 37.07 ng

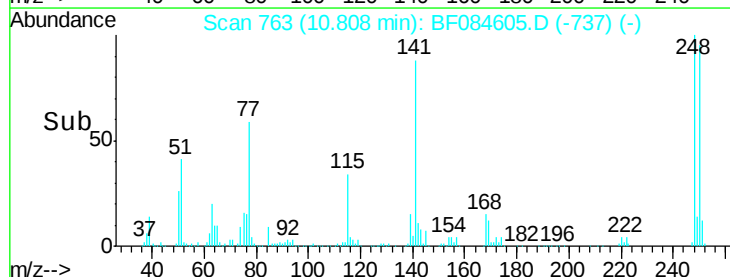
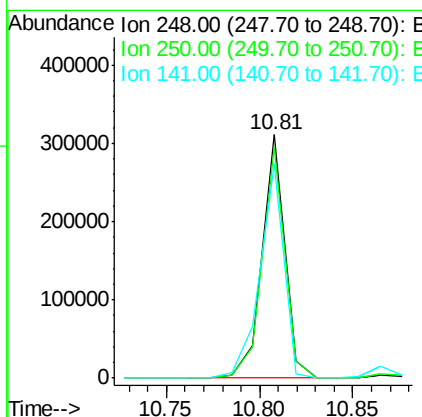
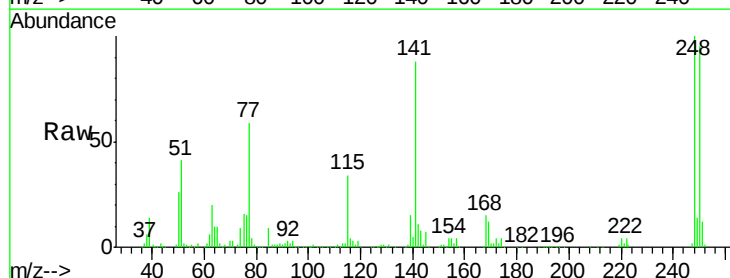
RT: 10.81 min Scan# 763

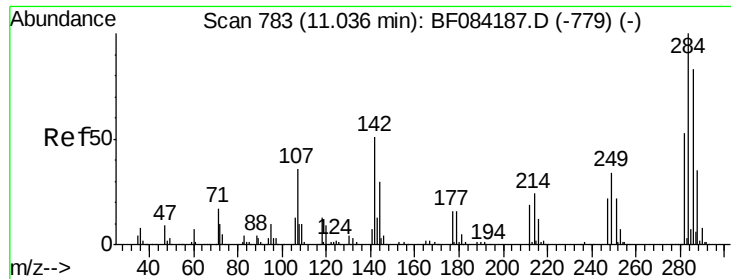
Delta R.T. 0.00 min

Lab File: BF084605.D

Acq: 25 Jan 2016 14:18

Tgt Ion:	248	Resp:	259397
Ion Ratio	Lower	Upper	
248	100		
250	94.7	78.4	117.6
141	87.8	44.0	66.0#





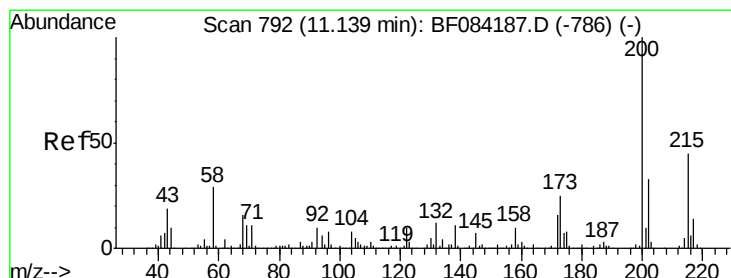
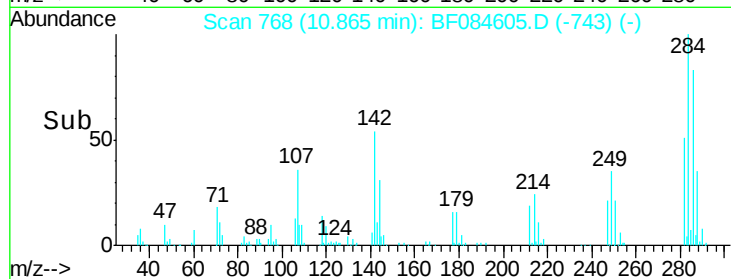
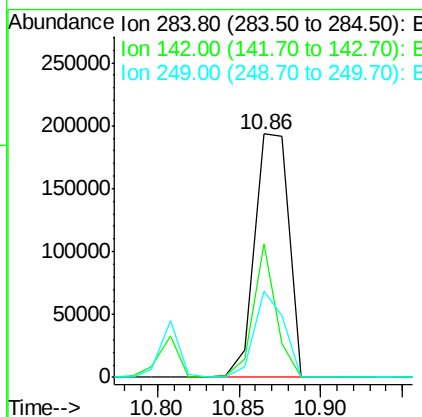
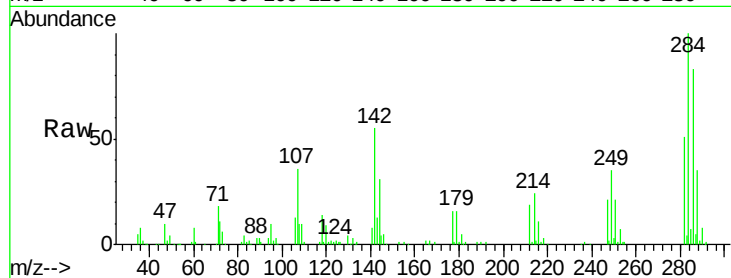
#67
Hexachlorobenzene
Concen: 35.64 ng
RT: 10.86 min Scan# 768
Delta R.T. -0.01 min
Lab File: BF084605.D
Acq: 25 Jan 2016 14:18

Instrument :
BNA_F
ClientSampleId :
PB87895BSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100	280727		
142	54.8	22.2	33.4#	
249	35.2	24.6	37.0	

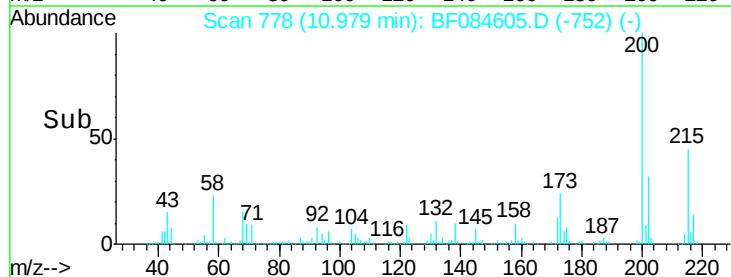
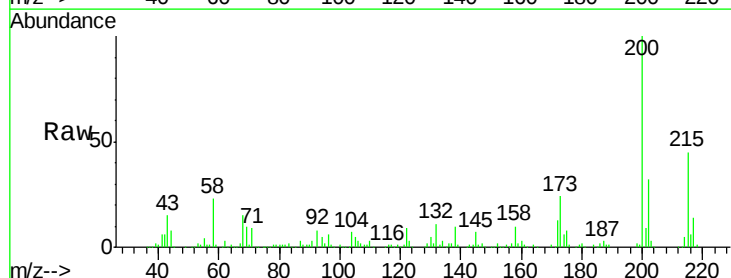
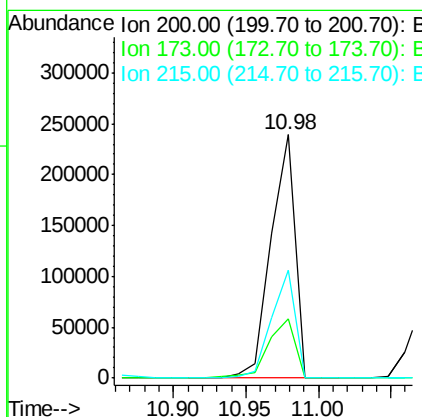
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#68
Atrazine
Concen: 40.54 ng
RT: 10.98 min Scan# 778
Delta R.T. 0.00 min
Lab File: BF084605.D
Acq: 25 Jan 2016 14:18

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	275818		
173	24.1	9.5	49.5	
215	44.5	23.8	63.8	





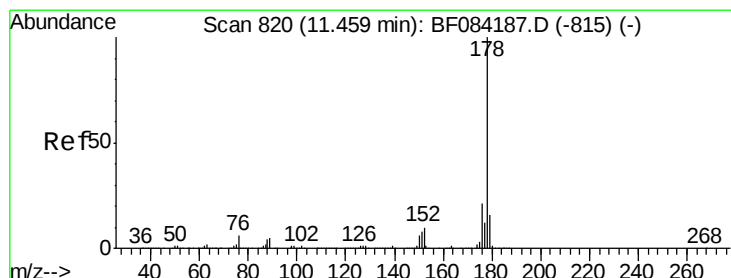
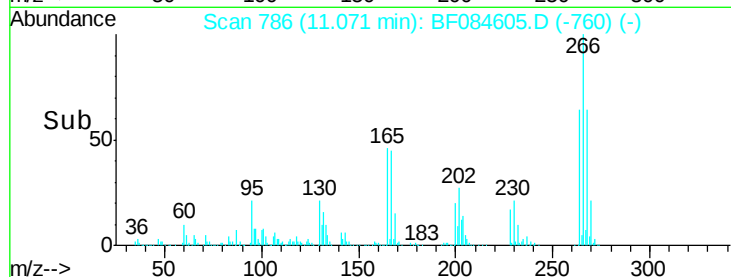
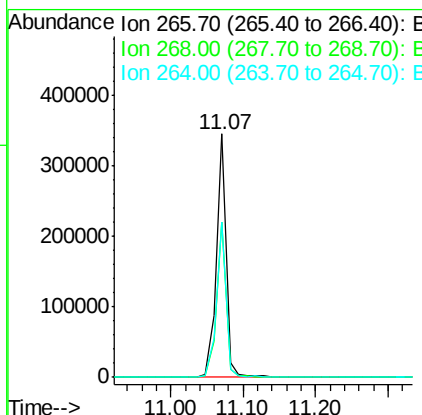
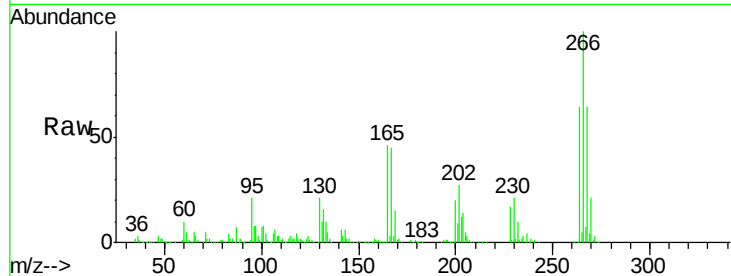
#69
 Pentachlorophenol
 Concen: 79.65 ng
 RT: 11.07 min Scan# 786
 Delta R.T. 0.00 min
 Lab File: BF084605.D
 Acq: 25 Jan 2016 14:18

Instrument :
 BNA_F
 ClientSampleId :
 PB87895BSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	325282		
268	63.6	52.4	78.6	
264	63.7	50.2	75.2	

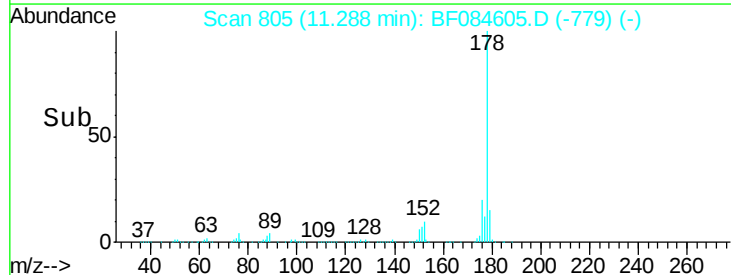
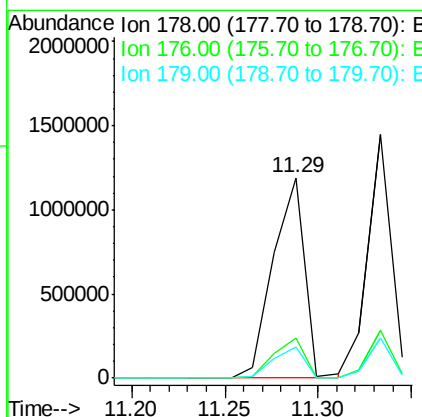
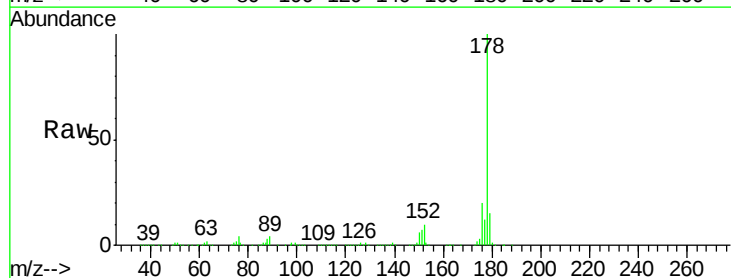
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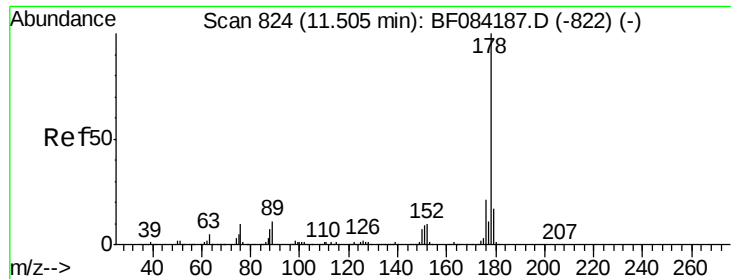
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#70
 Phenanthrene
 Concen: 41.14 ng
 RT: 11.29 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BF084605.D
 Acq: 25 Jan 2016 14:18

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1399128		
176	20.2	15.3	22.9	
179	15.5	12.0	18.0	





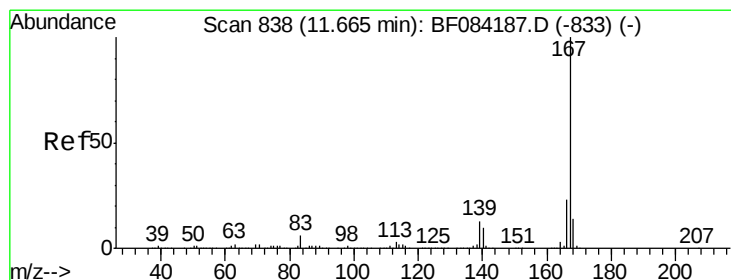
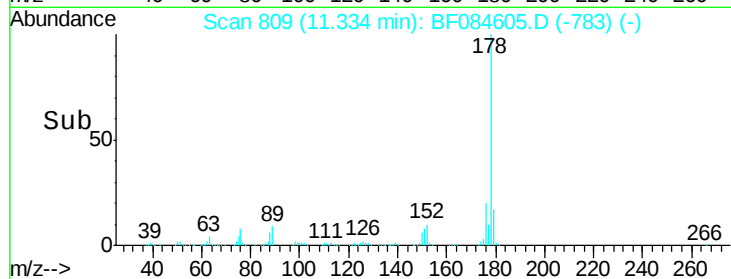
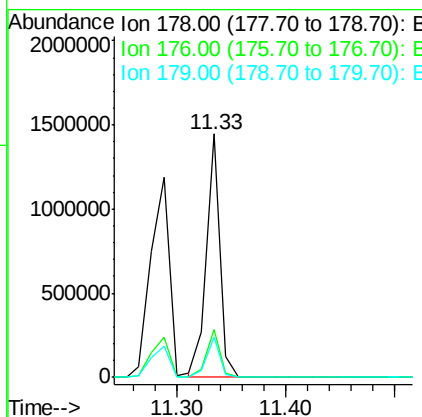
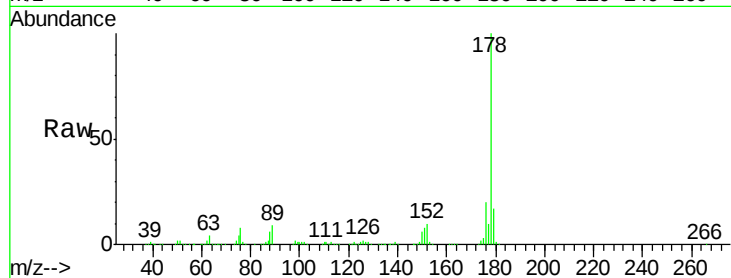
#71
 Anthracene
 Concen: 37.98 ng
 RT: 11.33 min Scan# 809
 Delta R.T. 0.00 min
 Lab File: BF084605.D
 Acq: 25 Jan 2016 14:18

Instrument :
 BNA_F
 ClientSampleId :
 PB87895BSD

Tot Ion:178 Resp: 1266193
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.4 23.0
 179 16.7 12.5 18.7

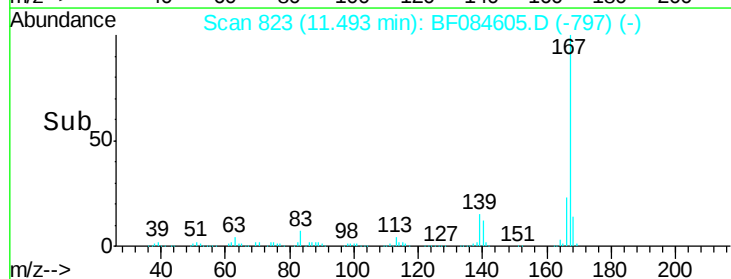
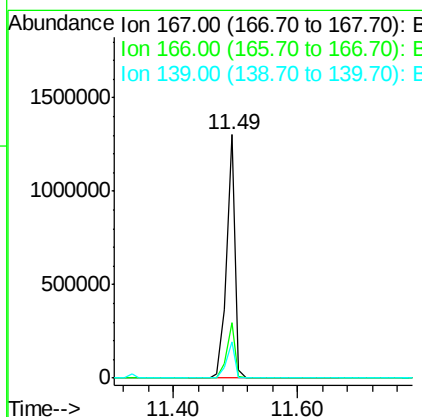
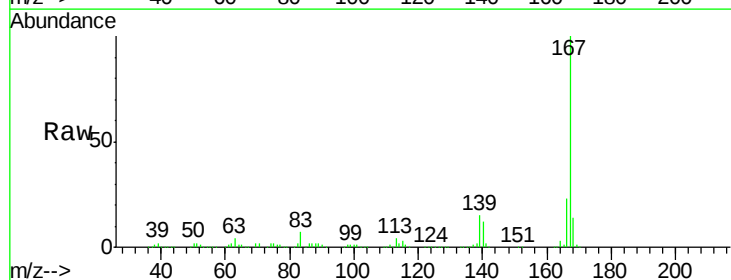
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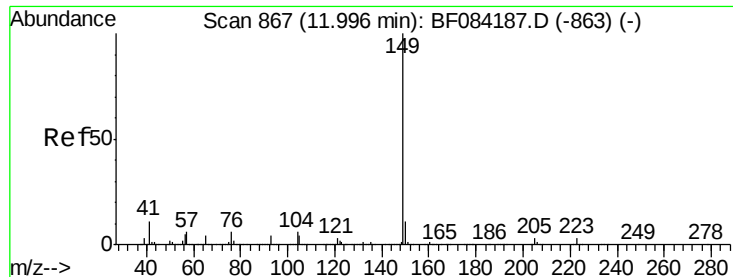
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#72
 Carbazole
 Concen: 36.79 ng
 RT: 11.49 min Scan# 823
 Delta R.T. 0.00 min
 Lab File: BF084605.D
 Acq: 25 Jan 2016 14:18

Tgt Ion:167 Resp: 1199241
 Ion Ratio Lower Upper
 167 100
 166 23.0 17.6 26.4
 139 15.0 11.8 17.8





#73

Di-n-butylphthalate

Concen: 41.10 ng

RT: 11.82 min Scan# 852

Delta R.T. -0.01 min

Lab File: BF084605.D

Acq: 25 Jan 2016 14:18

Instrument :

BNA_F

ClientSampleId :

PB87895BSD

Tot Ion:149 Resp: 1456337

Ion Ratio Lower Upper

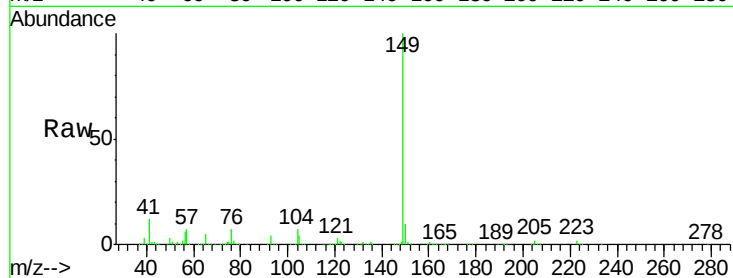
149 100

150 9.8 7.1 10.7

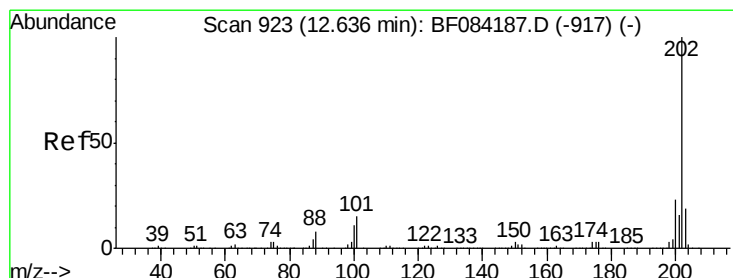
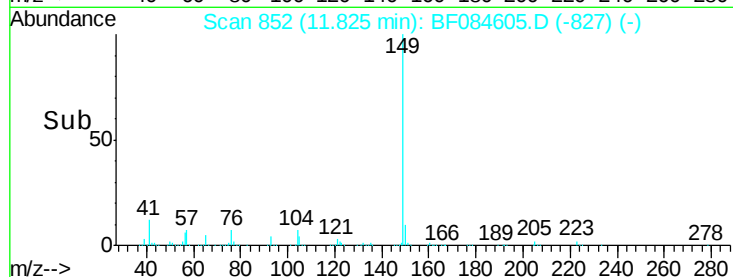
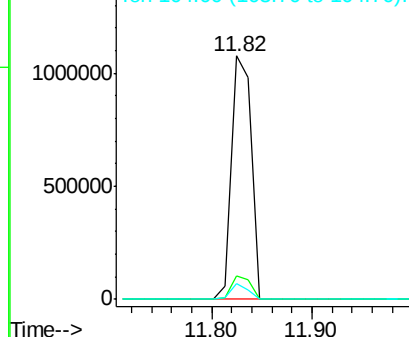
104 6.7 3.2 4.8#

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 36.80 ng

RT: 12.47 min Scan# 908

Delta R.T. 0.00 min

Lab File: BF084605.D

Acq: 25 Jan 2016 14:18

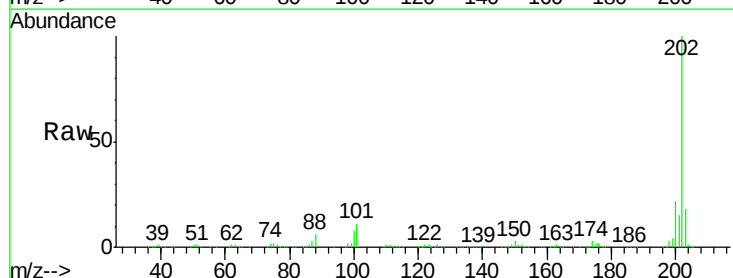
Tgt Ion:202 Resp: 1307561

Ion Ratio Lower Upper

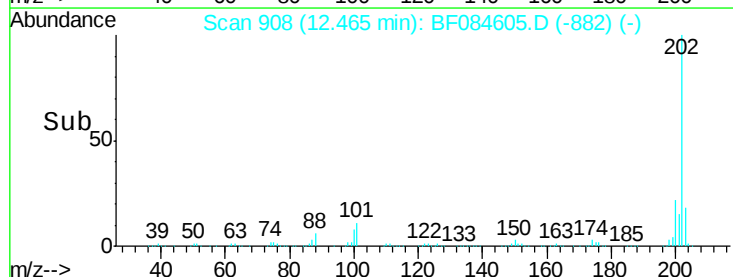
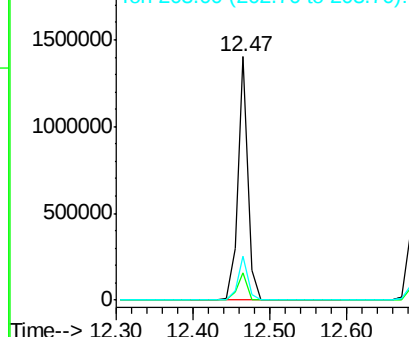
202 100

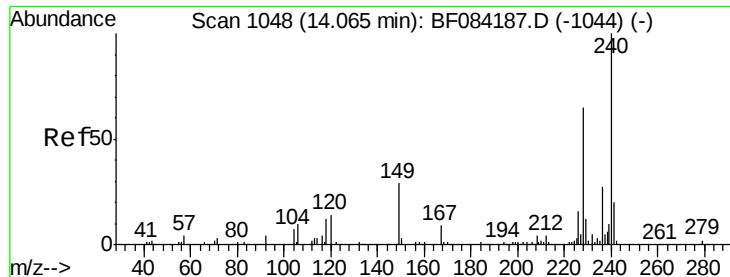
101 11.2 0.0 32.8

203 18.2 0.0 37.9



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: 13.89 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BF084605.D

Acq: 25 Jan 2016 14:18

Instrument :

BNA_F

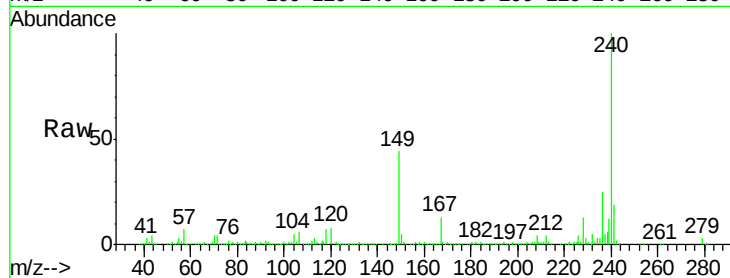
ClientSampleID :

PB87895BSD

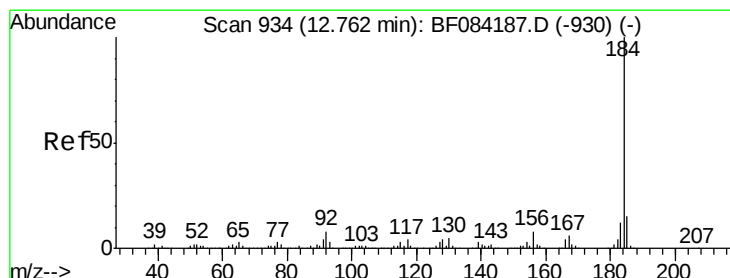
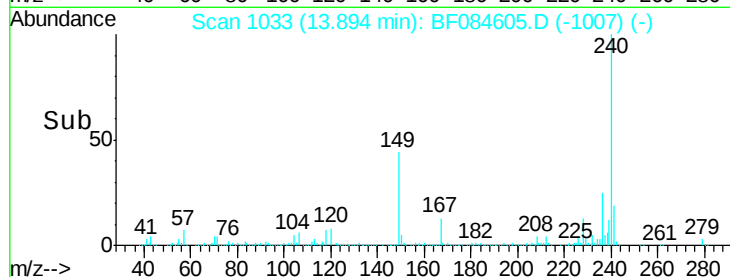
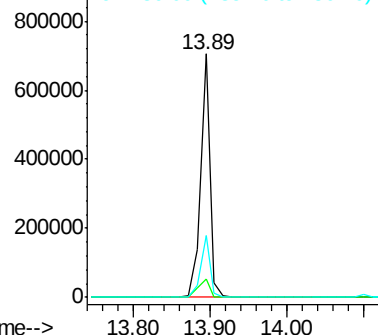
Tot Ion	Ratio	Lower	Upper
240	100		
120	7.8	9.5	14.3#
236	25.3	20.6	31.0

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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: 18.77 ng

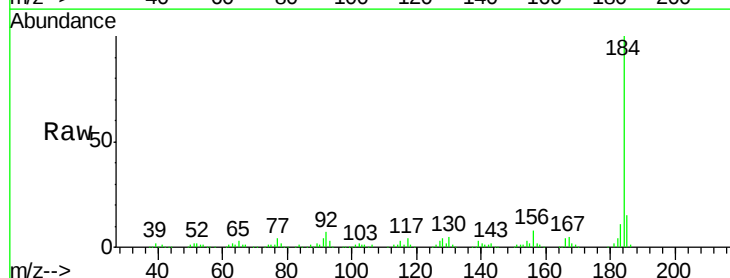
RT: 12.59 min Scan# 919

Delta R.T. 0.00 min

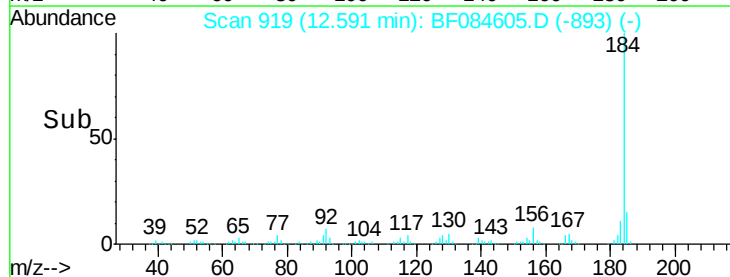
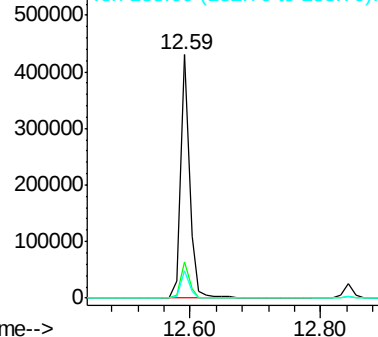
Lab File: BF084605.D

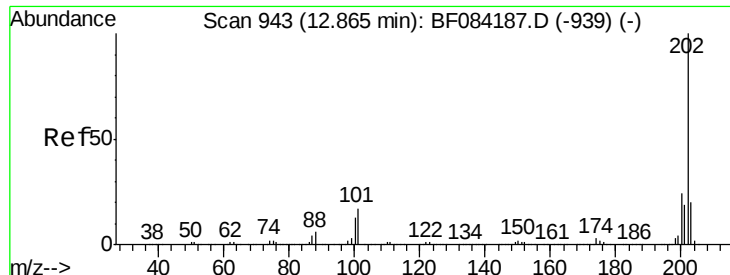
Acq: 25 Jan 2016 14:18

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.7	12.2	18.2
183	11.2	9.8	14.8



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 28.82 ng

RT: 12.69 min Scan# 928

Delta R.T. 0.00 min

Lab File: BF084605.D

Acq: 25 Jan 2016 14:18

Instrument :

BNA_F

ClientSampleId :

PB87895BSD

Tot Ion:202 Resp: 1401285

Ion Ratio Lower Upper

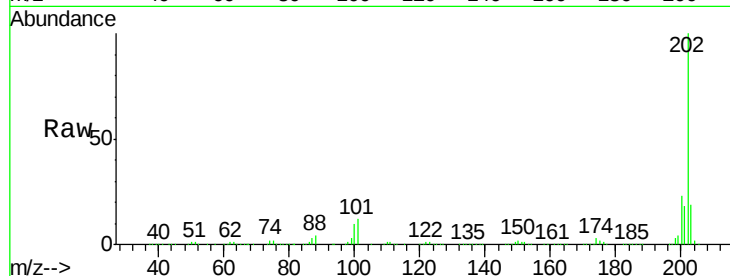
202 100

200 22.8 17.2 25.8

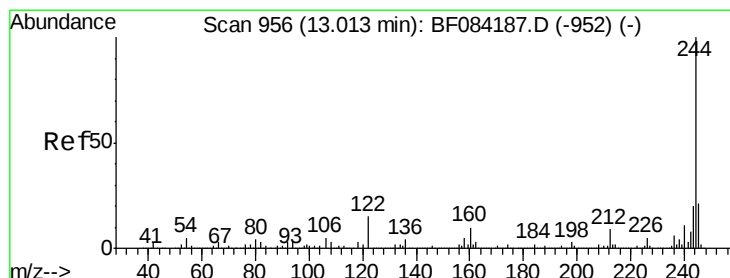
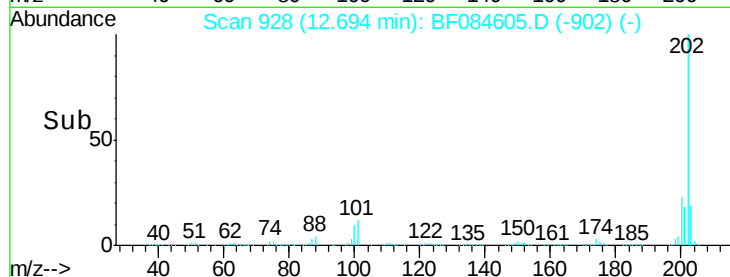
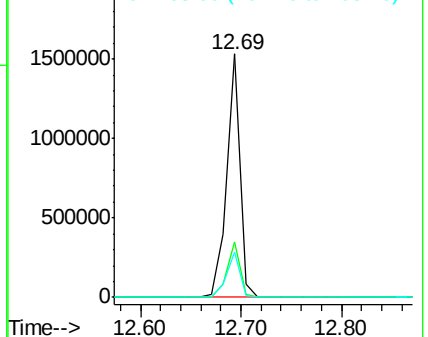
203 18.6 14.3 21.5

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



#78

Terphenyl-d14

Concen: 61.30 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF084605.D

Acq: 25 Jan 2016 14:18

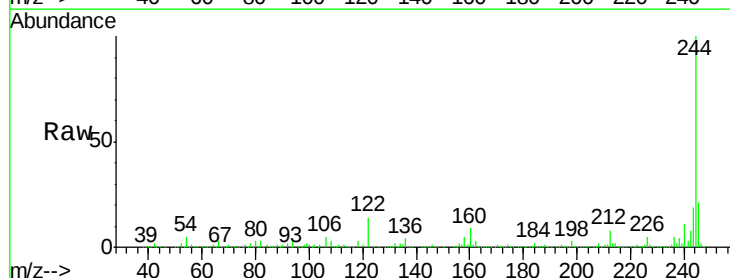
Tgt Ion:244 Resp: 1701346

Ion Ratio Lower Upper

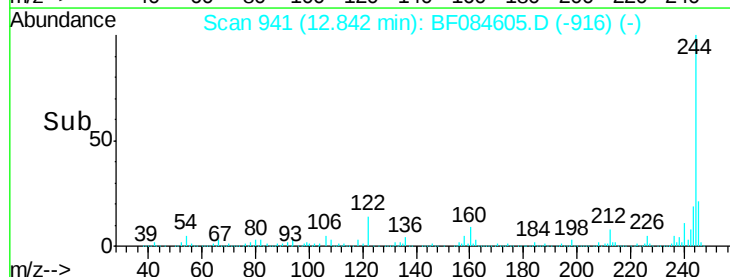
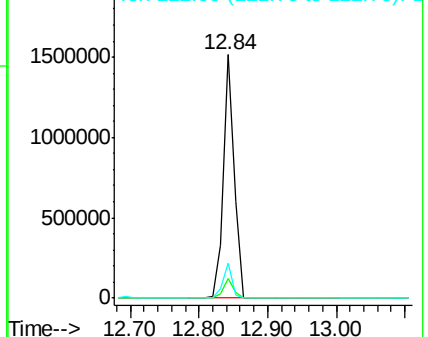
244 100

212 8.0 5.7 8.5

122 14.1 7.4 11.0#



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





#79

Butylbenzylphthalate

Concen: 30.32 ng

RT: 13.32 min Scan# 983

Delta R.T. 0.00 min

Lab File: BF084605.D

Acq: 25 Jan 2016 14:18

Instrument :

BNA_F

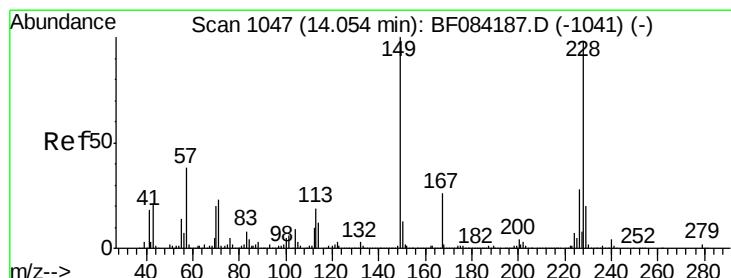
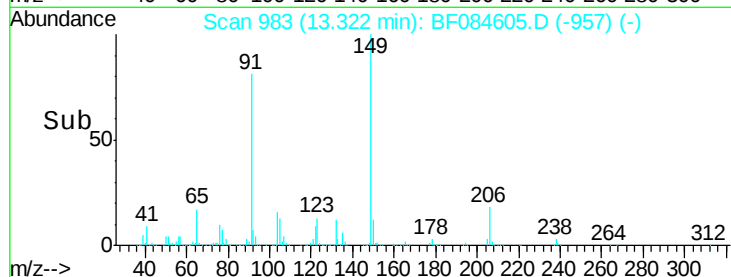
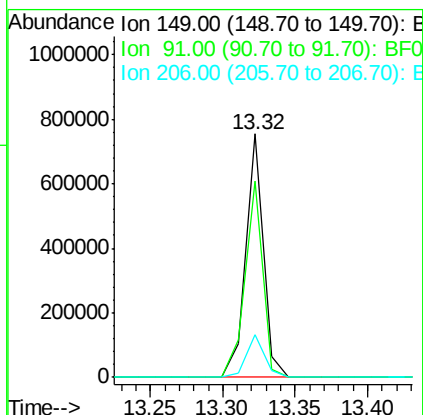
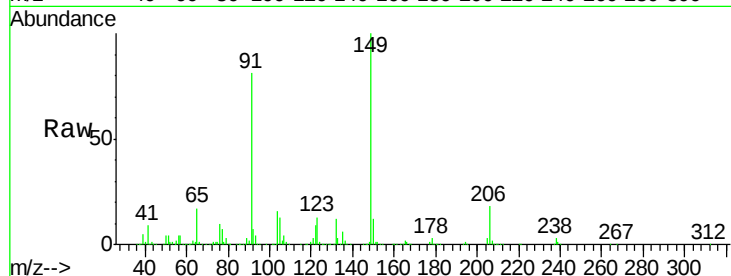
ClientSampleID :

PB87895BSD

Tot Ion:	149	Resp:	637873
Ion Ratio	Lower	Upper	
149	100		
91	80.7	57.6	86.4
206	17.7	13.2	19.8

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#80

Benzo(a)anthracene

Concen: 32.95 ng

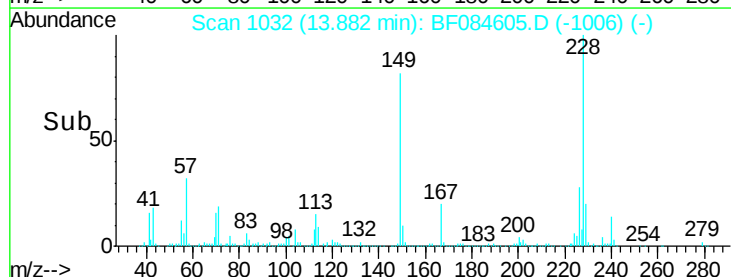
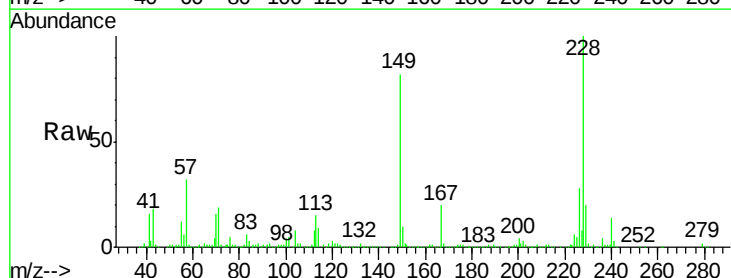
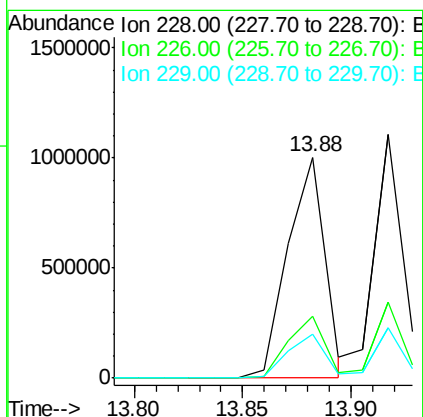
RT: 13.88 min Scan# 1032

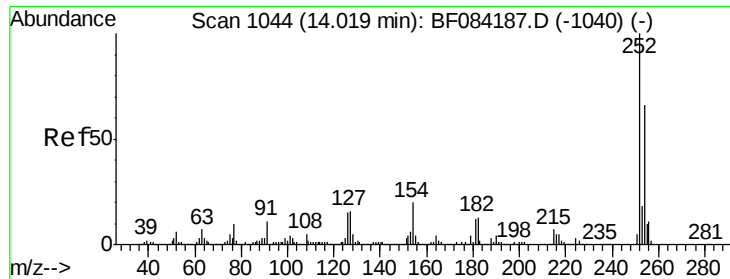
Delta R.T. 0.00 min

Lab File: BF084605.D

Acq: 25 Jan 2016 14:18

Tgt Ion:	228	Resp:	1198839
Ion Ratio	Lower	Upper	
228	100		
226	27.8	21.8	32.6
229	20.1	15.8	23.8





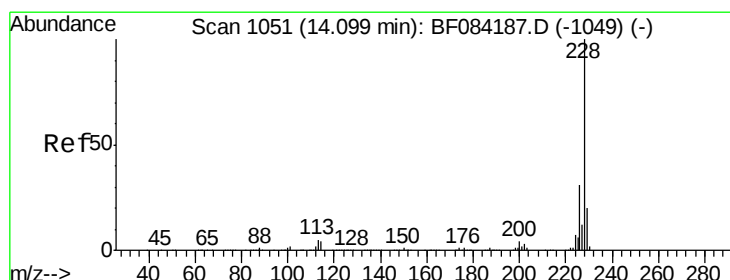
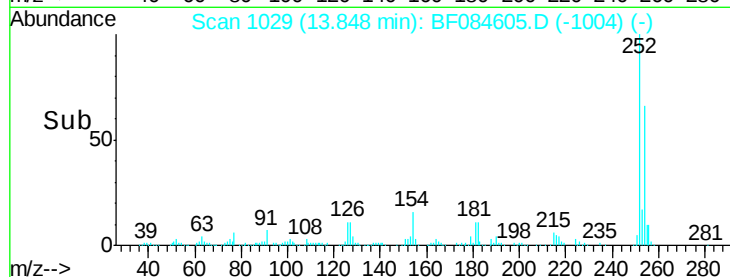
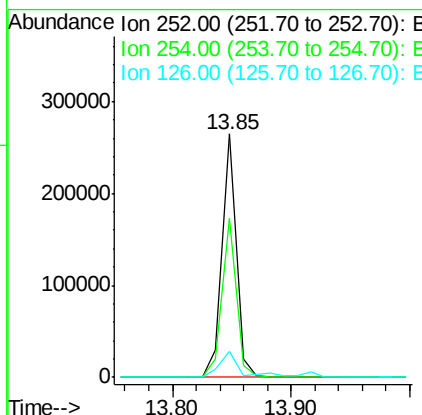
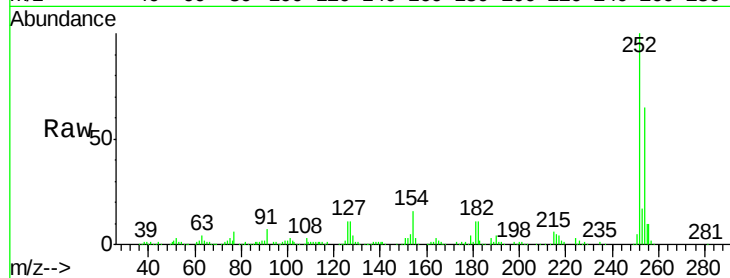
#81
 3,3'-Dichlorobenzidine
 Concen: 17.28 ng
 RT: 13.85 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BF084605.D
 Acq: 25 Jan 2016 14:18

Instrument :
 BNA_F
 ClientSampleId :
 PB87895BSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	65.5	53.5	80.3
126	10.9	4.9	7.3

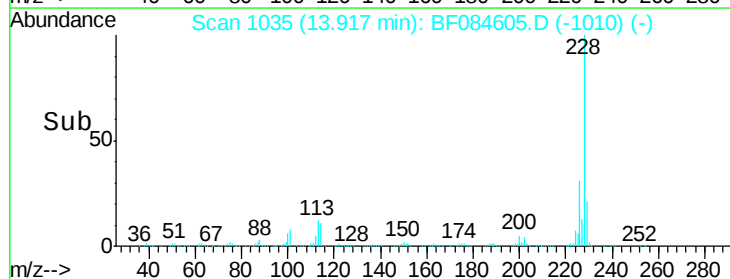
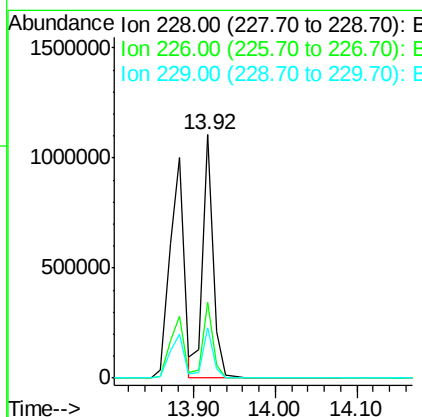
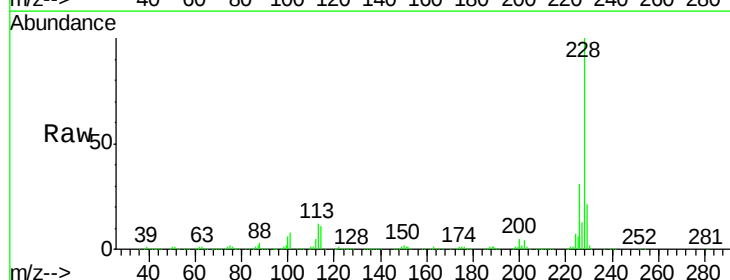
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#82
 Chrysene
 Concen: 28.89 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BF084605.D
 Acq: 25 Jan 2016 14:18

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.4	24.3	36.5
229	20.6	16.1	24.1





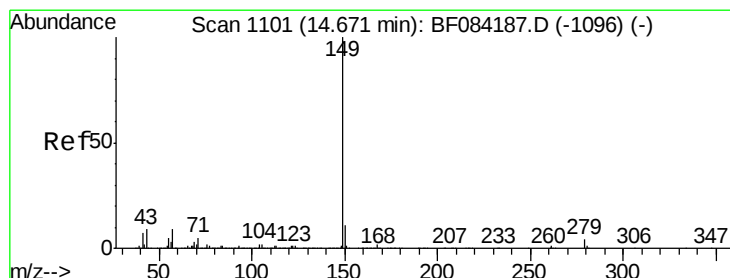
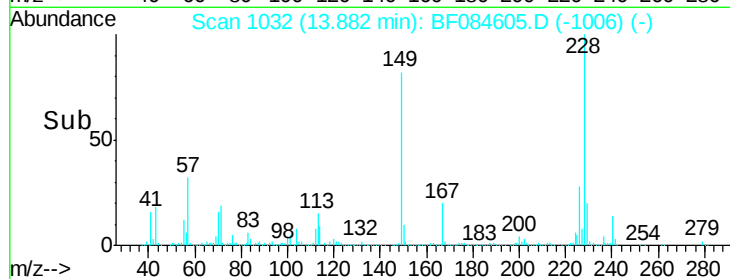
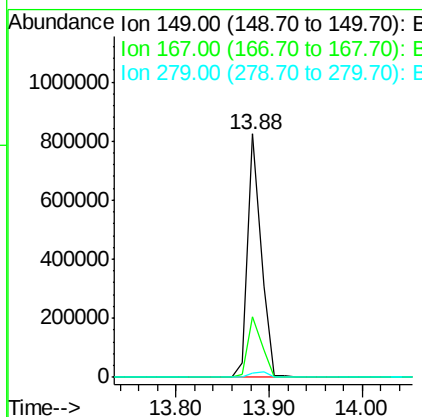
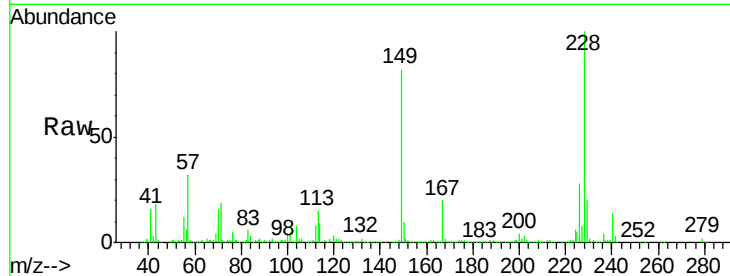
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 30.95 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. 0.00 min
 Lab File: BF084605.D
 Acq: 25 Jan 2016 14:18

Instrument :
 BNA_F
 ClientSampleId :
 PB87895BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	822690		
167	24.8	19.7	29.5	
279	1.9	1.8	2.6	

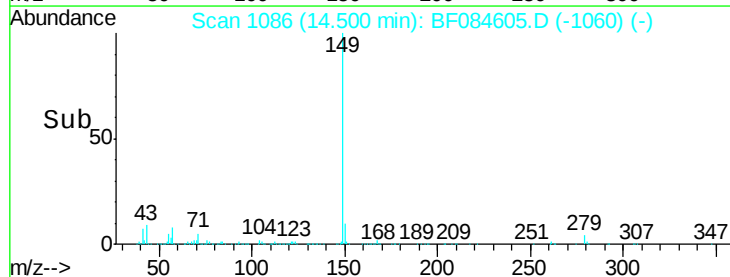
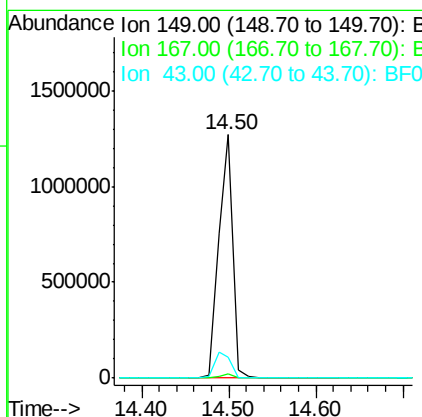
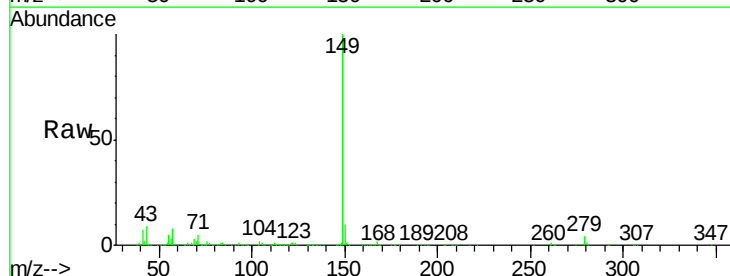
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#84
 Di-n-octyl phthalate
 Concen: 32.08 ng
 RT: 14.50 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: BF084605.D
 Acq: 25 Jan 2016 14:18

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1439431		
167	1.7	1.2	1.8	
43	12.4	5.6	8.4	





#85

Indeno(1,2,3-cd)pyrene

Concen: 29.47 ng

RT: 16.60 min Scan# 1270

Delta R.T. 0.00 min

Lab File: BF084605.D

Acq: 25 Jan 2016 14:18

Instrument :

BNA_F

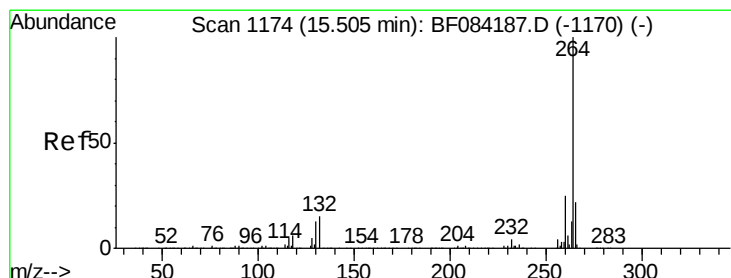
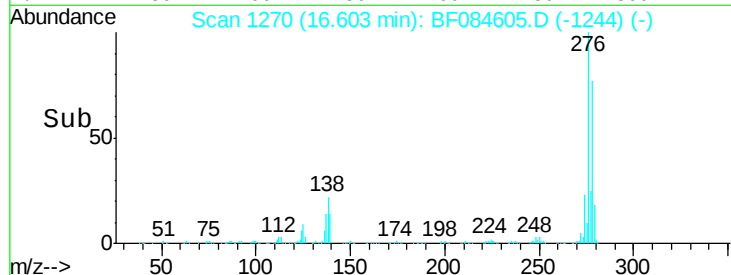
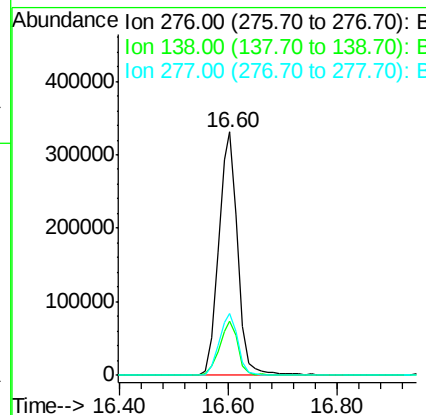
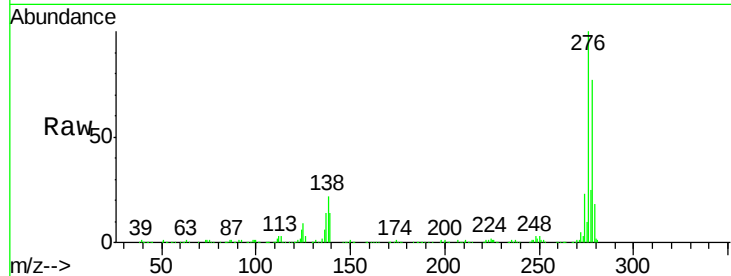
ClientSampleId :

PB87895BSD

Tot Ion:	276	Resp:	816525
Ion Ratio	Lower	Upper	
276	100		
138	21.7	20.6	30.8
277	25.2	20.1	30.1

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#86

Perylene-d12

Concen: 20.00 ng

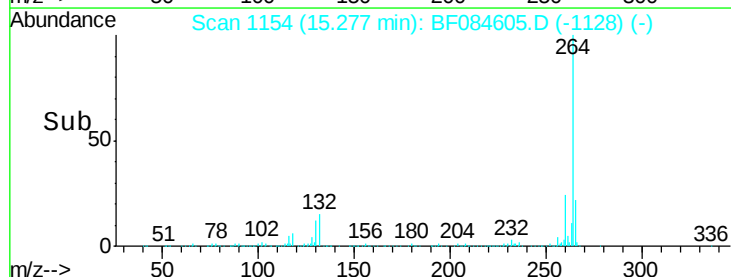
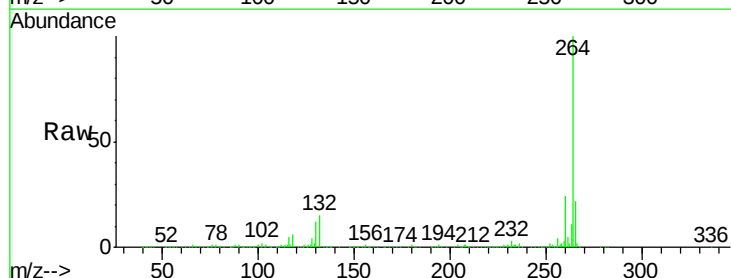
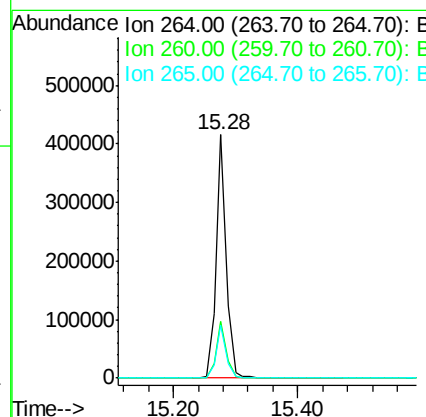
RT: 15.28 min Scan# 1154

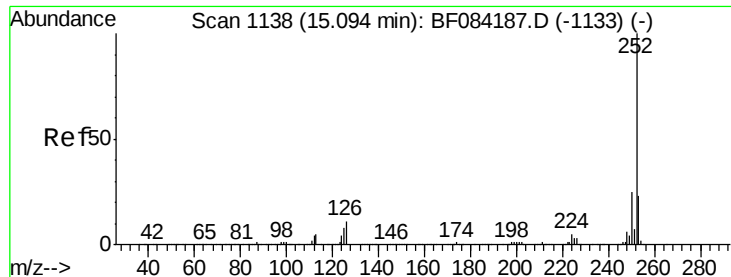
Delta R.T. 0.00 min

Lab File: BF084605.D

Acq: 25 Jan 2016 14:18

Tgt Ion:	264	Resp:	463183
Ion Ratio	Lower	Upper	
264	100		
260	23.5	19.4	29.2
265	21.7	17.8	26.6





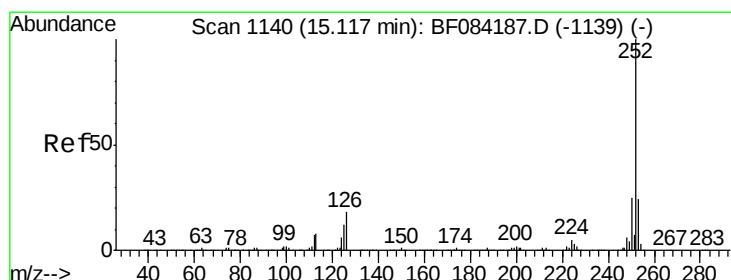
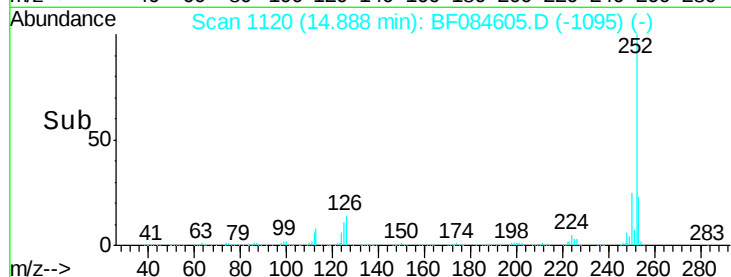
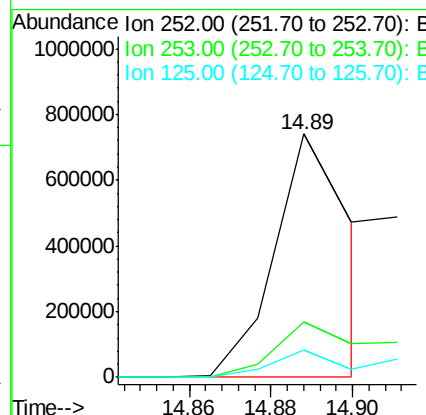
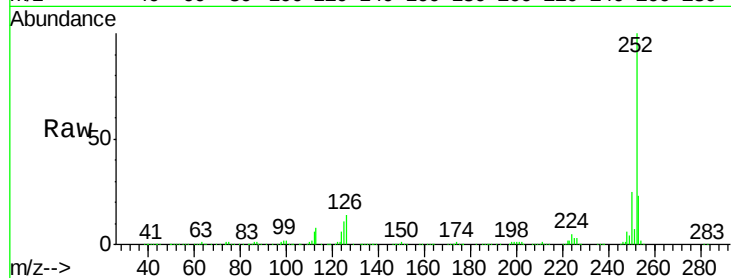
#87
Benzo(b)fluoranthene
Concen: 31.60 ng m
RT: 14.89 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BF084605.D
Acq: 25 Jan 2016 14:18

Instrument :
BNA_F
ClientSampleId :
PB87895BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.3	25.9
125	11.0	6.5	9.7

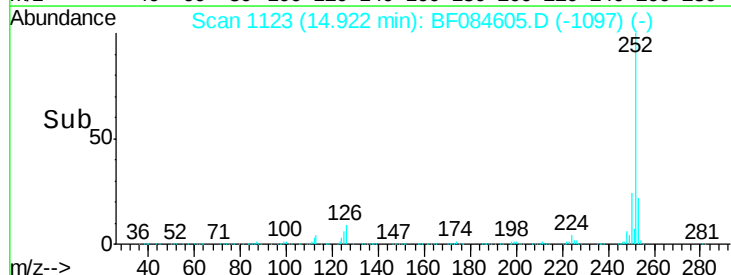
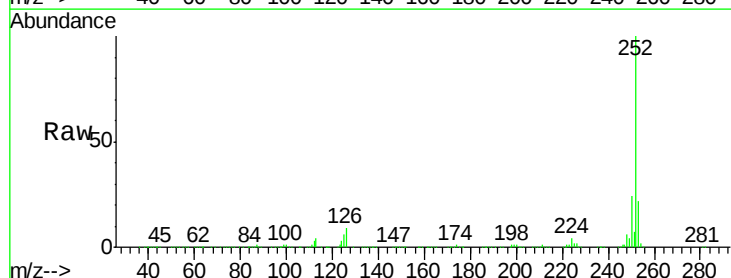
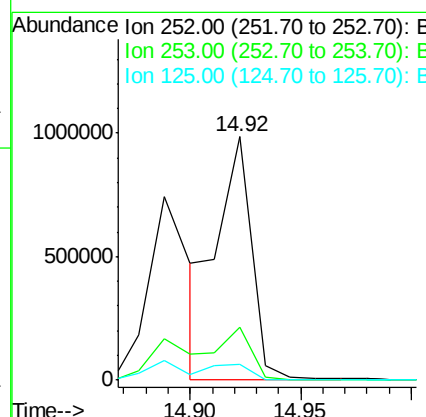
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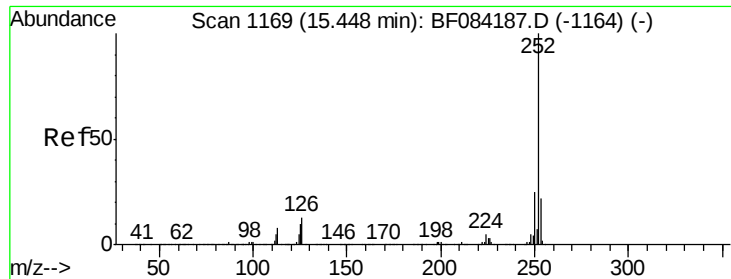
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#88
Benzo(k)fluoranthene
Concen: 43.15 ng m
RT: 14.92 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BF084605.D
Acq: 25 Jan 2016 14:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.1	27.1
125	6.4	9.0	13.6





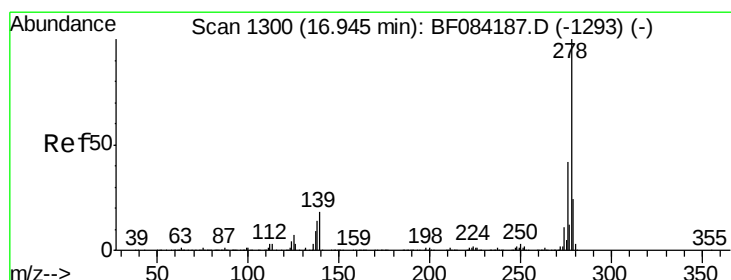
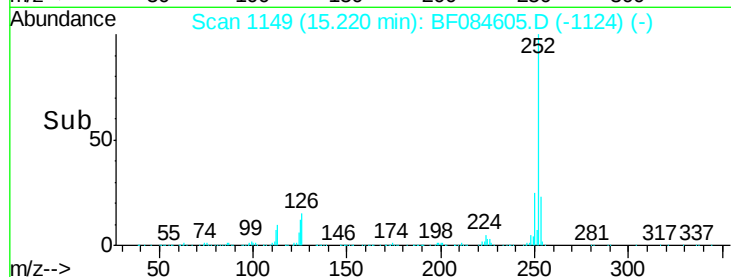
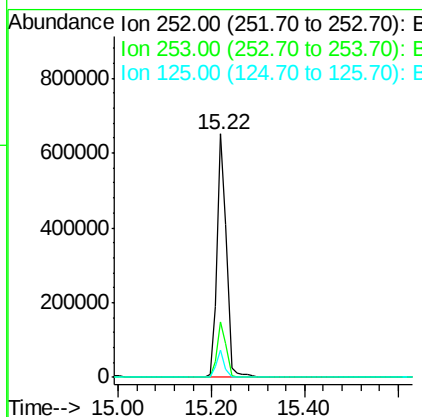
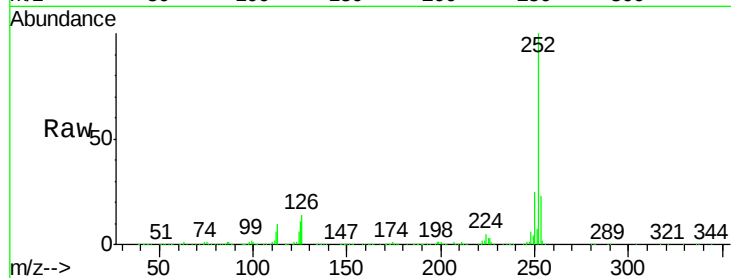
#89
Benzo(a)pyrene
Concen: 35.23 ng
RT: 15.22 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BF084605.D
Acq: 25 Jan 2016 14:18

Instrument :
BNA_F
ClientSampleId :
PB87895BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.3	25.9
125	11.2	7.0	10.4

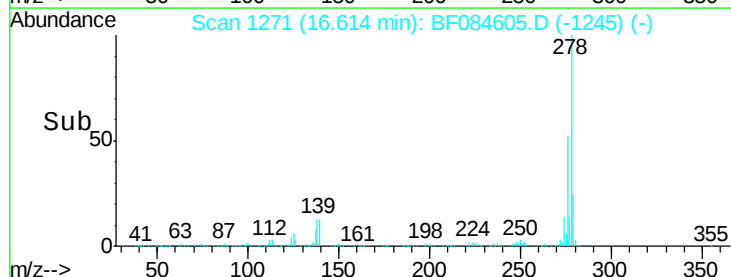
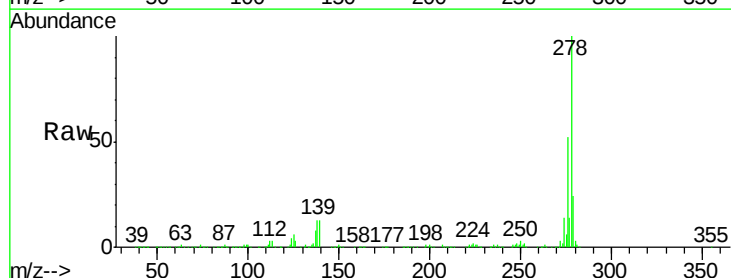
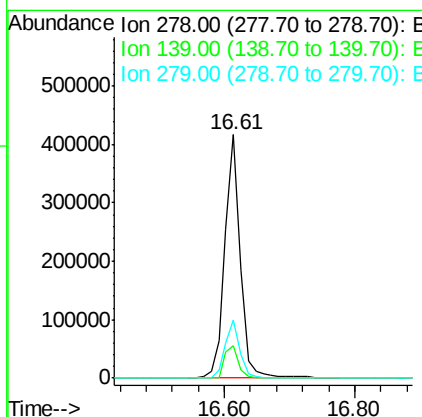
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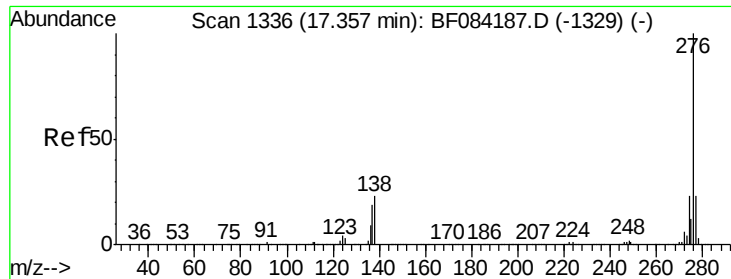
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#90
Dibenzo(a,h)anthracene
Concen: 31.15 ng
RT: 16.61 min Scan# 1271
Delta R.T. 0.00 min
Lab File: BF084605.D
Acq: 25 Jan 2016 14:18

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.3	15.0	22.4
279	23.8	18.9	28.3





#91
 Benzo(a,h,i)perylene
 Concen: 29.24 ng
 RT: 16.99 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF084605.D
 Acq: 25 Jan 2016 14:18

Instrument :
 BNA_F
 ClientSampleId :
 PB87895BSD

Tot Ion:	276	Resp:	669567
Ion Ratio		Lower	Upper
276	100		
277	23.4	18.8	28.2
138	19.8	17.8	26.6

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