

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040216\
 Data File : BF086031.D
 Acq On : 3 Apr 2016 00:28
 Operator : UM/SJ
 Sample : H2017-04MS
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-COMPMS

Manual Integrations
 APPROVED

Sohil
 4/4/2016 7:46:31 PM

Quant Time: Apr 04 04:11:40 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 01 23:17:06 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	115209	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	446878	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	208358	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	374859	20.00	ng	0.00
75) Chrysene-d12	13.93	240	237837	20.00	ng	0.00
86) Perylene-d12	15.33	264	207998	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.39	112	801784	118.96	ng	0.02
7) Phenol-d6	6.43	99	1032704	120.63	ng	0.01
23) Nitrobenzene-d5	7.34	82	696234	91.88	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	269297	137.70	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1238139	98.80	ng	0.00
78) Terphenyl-d14	12.88	244	1015555	100.37	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.48	88	112417	35.18	ng	# 86
3) Pyridine	3.17	79	141367	19.76	ng	99
4) n-Nitrosodimethylamine	3.09	42	137164	43.60	ng	98
6) Aniline	6.45	93	100929	8.99	ng	# 62
8) 2-Chlorophenol	6.57	128	341151	42.44	ng	96
9) Benzaldehyde	6.34	77	27683	6.01	ng	94
10) Phenol	6.44	94	390963	40.03	ng	95
11) bis(2-Chloroethyl)ether	6.52	93	336821	43.55	ng	94
12) 1,3-Dichlorobenzene	6.72	146	358539m	42.09	ng	
13) 1,4-Dichlorobenzene	6.80	146	357639	40.75	ng	93
14) 1,2-Dichlorobenzene	6.94	146	338778	41.94	ng	98
15) Benzyl Alcohol	6.93	79	256582	46.32	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.06	45	380440	40.27	ng	77
17) 2-Methylphenol	7.05	107	275427	43.46	ng	97
18) Hexachloroethane	7.28	117	131807	40.83	ng	# 75
19) n-Nitroso-di-n-propylamine	7.20	70	219412	41.35	ng	93
20) 3+4-Methylphenols	7.21	107	351387	45.59	ng	# 62
22) Acetophenone	7.20	105	478128	45.51	ng	# 90
24) Nitrobenzene	7.37	77	388253	46.83	ng	90
25) Isophorone	7.61	82	684495	45.76	ng	# 94
26) 2-Nitrophenol	7.68	139	177313	44.70	ng	# 81
27) 2,4-Dimethylphenol	7.72	122	293630	41.22	ng	99
28) bis(2-Chloroethoxy)methane	7.81	93	406971	46.37	ng	98
29) 2,4-Dichlorophenol	7.93	162	285027	47.33	ng	100
30) 1,2,4-Trichlorobenzene	8.01	180	298848	44.20	ng	93
31) Naphthalene	8.08	128	1004072	44.67	ng	99
32) Benzoic acid	7.87	122	188760	36.12	ng	99
33) 4-Chloroaniline	8.14	127	53447	5.89	ng	# 96
34) Hexachlorobutadiene	8.20	225	154169	42.42	ng	99
35) Caprolactam	8.51	113	75141m	39.33	ng	
36) 4-Chloro-3-methylphenol	8.64	107	321426	47.48	ng	96
37) 2-Methylnaphthalene	8.77	142	659988	44.95	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	273191	43.62	ng	100
40) Hexachlorocyclopentadiene	8.92	237	146878	68.82	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	192354	47.83	nq	99
43) 2,4,5-Trichlorophenol	9.10	196	190728	46.71	nq	# 85
45) 1,1'-Biphenyl	9.24	154	776513	43.22	nq	94
46) 2-Chloronaphthalene	9.26	162	608561	46.73	nq	98
47) 2-Nitroaniline	9.37	65	194931	51.16	nq	90
48) Acenaphthylene	9.68	152	948748	45.48	nq	99
49) Dimethylphthalate	9.54	163	710565	46.01	nq	99
50) 2,6-Dinitrotoluene	9.61	165	155925	47.72	nq	90
51) Acenaphthene	9.85	154	573508	46.22	nq	99
52) 3-Nitroaniline	9.78	138	69227	17.58	nq	89
53) 2,4-Dinitrophenol	9.89	184	142499	68.40	nq	# 80
54) Dibenzofuran	10.02	168	772577	47.15	nq	99
55) 4-Nitrophenol	9.96	139	192430	82.89	nq	86
56) 2,4-Dinitrotoluene	10.02	165	201522	48.81	nq	# 77
57) Fluorene	10.36	166	643651	45.98	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.14	232	151064	49.69	nq	98
59) Diethylphthalate	10.24	149	695597	44.63	nq	97
60) 4-Chlorophenyl-phenylether	10.35	204	286103	43.88	nq	99
61) 4-Nitroaniline	10.40	138	163702	42.21	nq	97
62) Azobenzene	10.51	77	714847	47.88	nq	99
64) 4,6-Dinitro-2-methylphenol	10.43	198	97467	42.91	nq	# 57
65) n-Nitrosodiphenylamine	10.48	169	567739	48.43	nq	99
66) 4-Bromophenyl-phenylether	10.84	248	186559	48.75	nq	97
67) Hexachlorobenzene	10.91	284	192552	48.65	nq	96
68) Atrazine	11.00	200	130676	34.50	nq	96
69) Pentachlorophenol	11.10	266	171887	92.67	nq	97
70) Phenanthrene	11.32	178	957684	46.83	nq	100
71) Anthracene	11.37	178	905117	42.25	nq	100
72) Carbazole	11.53	167	762043	41.38	nq	99
73) Di-n-butylphthalate	11.86	149	1089490	47.75	nq	100
74) Fluoranthene	12.51	202	850662	39.99	nq	89
76) Benzidine	12.64	184	43020	5.13	nq	99
77) Pyrene	12.73	202	812436	48.47	nq	99
79) Butylbenzylphthalate	13.35	149	420221	55.68	nq	# 67
80) Benzo(a)anthracene	13.92	228	592980	42.30	nq	99
81) 3,3'-Dichlorobenzidine	13.88	252	92719	9.05	nq	99
82) Chrysene	13.95	228	560651	41.52	nq	99
83) Bis(2-ethylhexyl)phthalate	13.91	149	525046	52.42	nq	99
84) Di-n-octyl phthalate	14.52	149	869515	54.36	nq	98
85) Indeno(1,2,3-cd)pyrene	16.71	276	630427	57.54	nq	99
87) Benzo(b)fluoranthene	14.93	252	681575m	52.09	nq	
88) Benzo(k)fluoranthene	14.97	252	436037m	37.63	nq	
89) Benzo(a)pyrene	15.28	252	546079	47.10	nq	99
90) Dibenzo(a,h)anthracene	16.71	278	534246	57.28	nq	100
91) Benzo(g,h,i)perylene	17.11	276	516622	57.23	nq	96

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

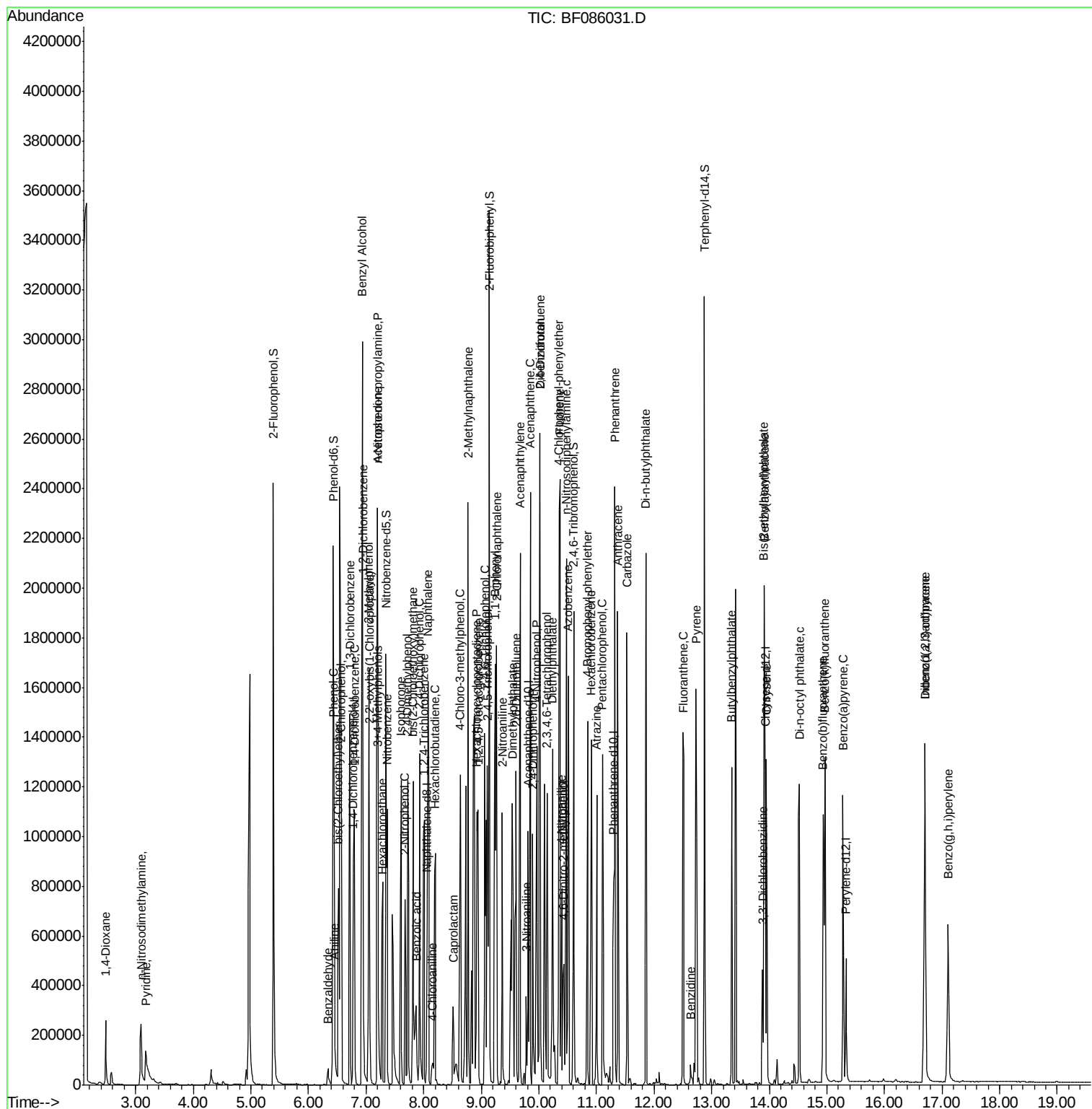
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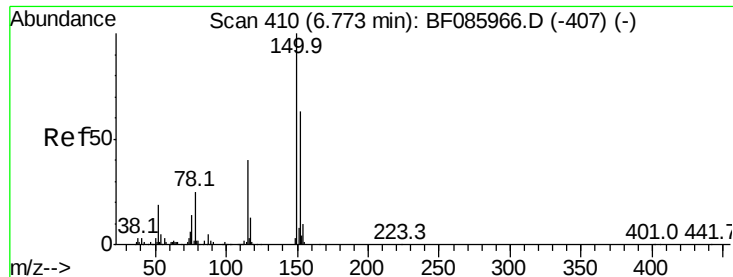
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.77 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF086031.D

Acq: 3 Apr 2016 00:28

Instrument :

BNA_F

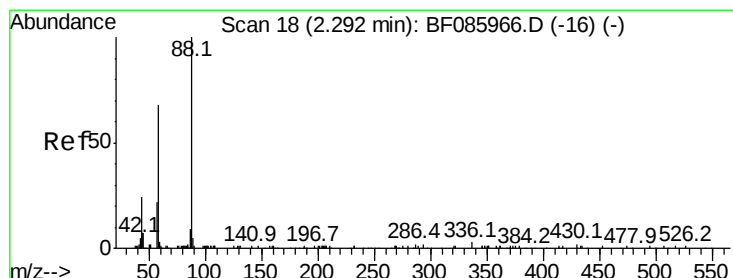
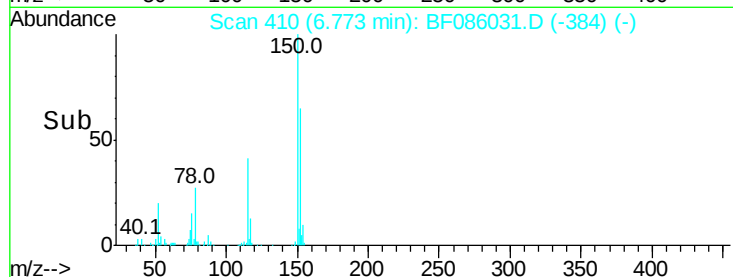
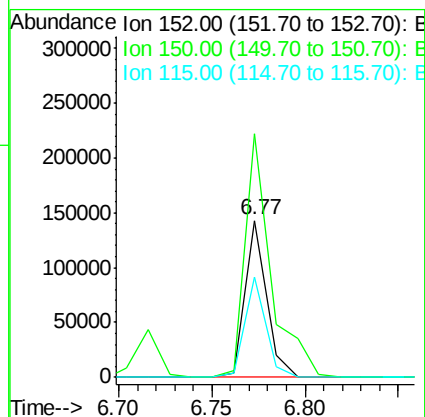
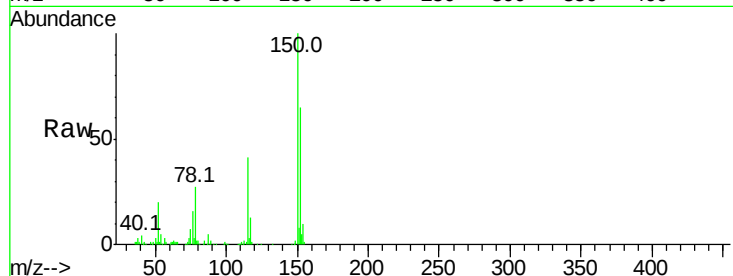
ClientSampleId :

SB-COMPMS

Tot Ion:	152	Resp:	115209
Ion Ratio	Lower	Upper	
152	100		
150	154.9	124.2	186.2
115	64.1	47.0	70.6

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#2

1,4-Dioxane

Concen: 35.18 ng

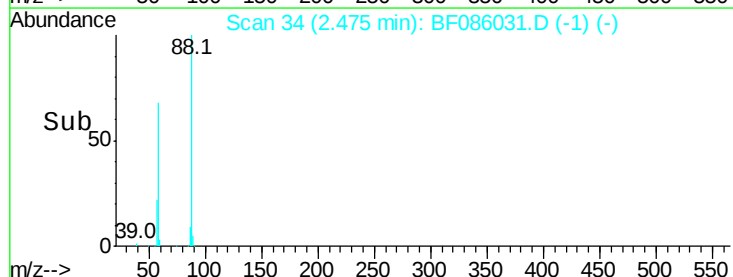
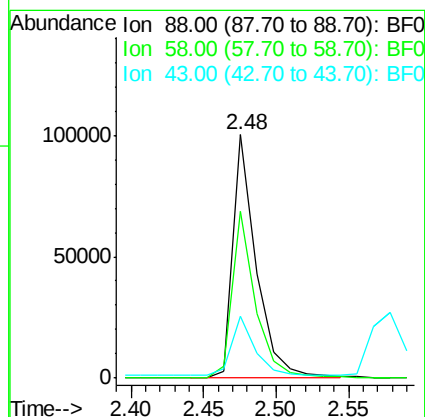
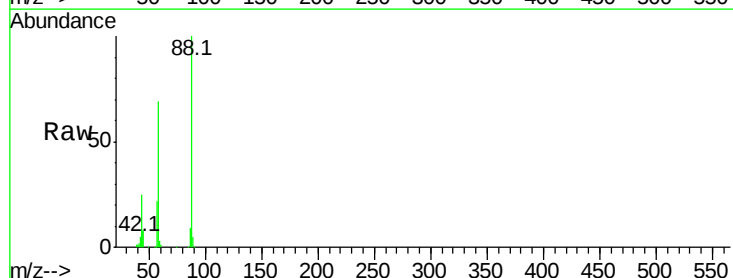
RT: 2.48 min Scan# 34

Delta R.T. 0.18 min

Lab File: BF086031.D

Acq: 3 Apr 2016 00:28

Tgt Ion:	88	Resp:	112417
Ion Ratio	Lower	Upper	
88	100		
58	68.8	54.2	81.2
43	0.0	19.3	28.9#





#3

Pvridine

Concen: 19.76 ng

RT: 3.17 min Scan# 95

Delta R.T. 0.17 min

Lab File: BF086031.D

Acq: 3 Apr 2016 00:28

Instrument :

BNA_F

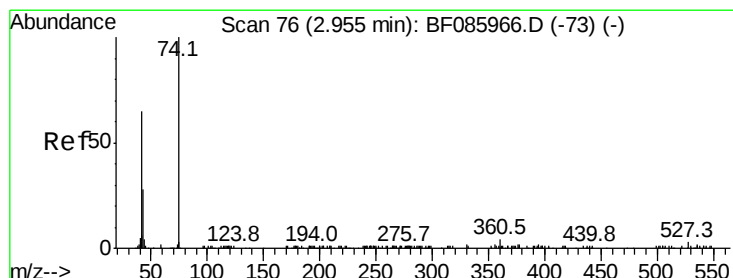
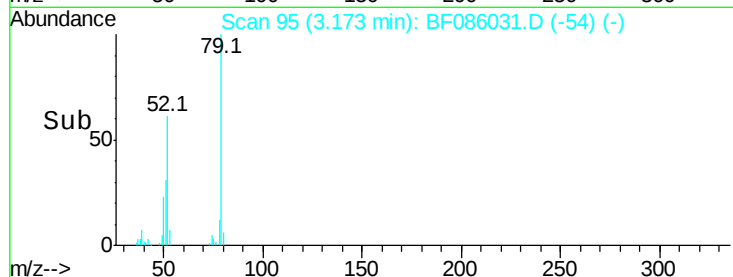
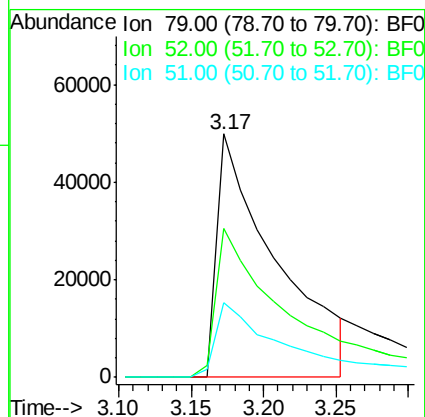
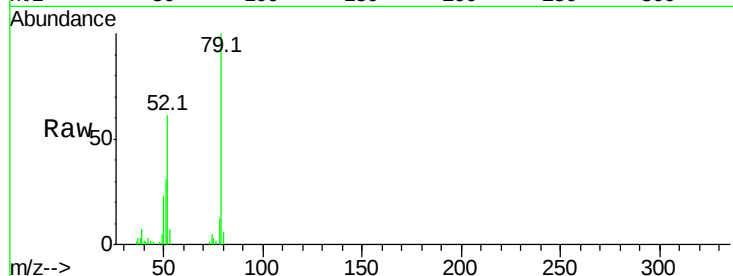
ClientSampleId :

SB-COMPMS

Manual Integrations
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Tot Ion	79	Resp	141367
Ion Ratio	Lower	Upper	
79	100		
52	61.1	49.8	74.6
51	30.7	24.7	37.1



#4

n-Nitrosodimethylamine

Concen: 43.60 ng

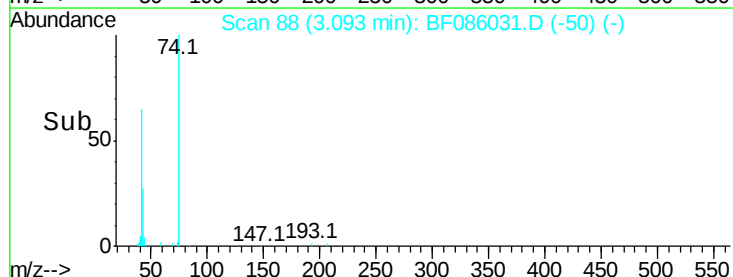
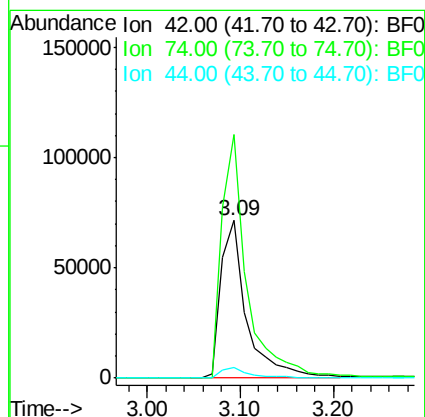
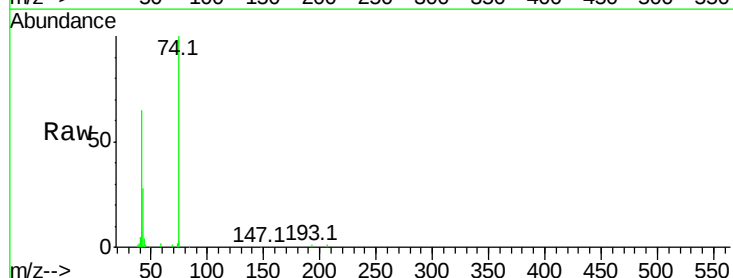
RT: 3.09 min Scan# 88

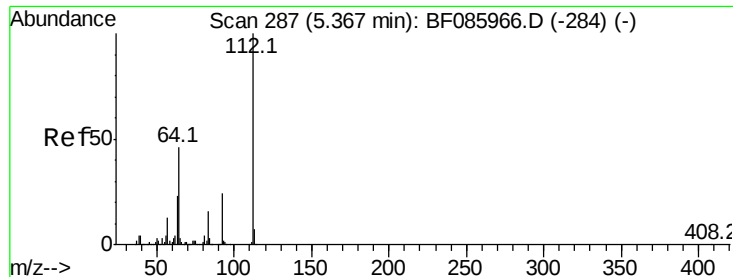
Delta R.T. 0.14 min

Lab File: BF086031.D

Acq: 3 Apr 2016 00:28

Tgt Ion	42	Resp	137164
Ion Ratio	Lower	Upper	
42	100		
74	154.8	121.4	182.2
44	6.8	5.6	8.4





#5

2-Fluorophenol

Concen: 118.96 ng

RT: 5.39 min Scan# 289

Delta R.T. 0.02 min

Lab File: BF086031.D

Acq: 3 Apr 2016 00:28

Instrument :

BNA_F

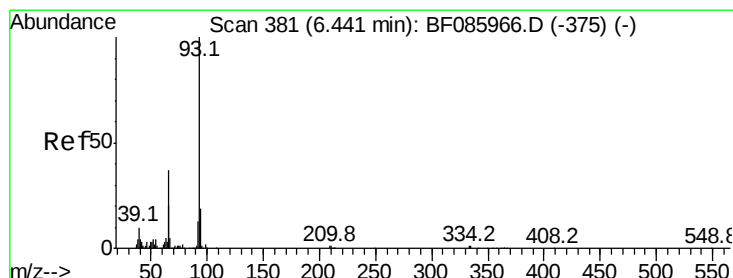
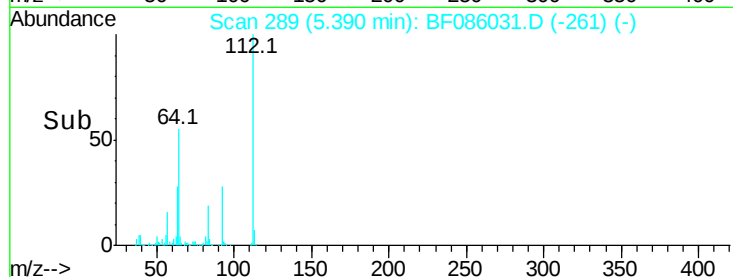
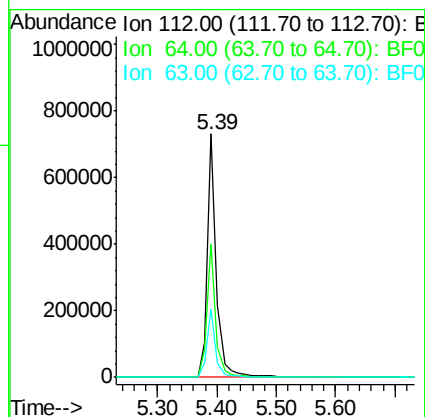
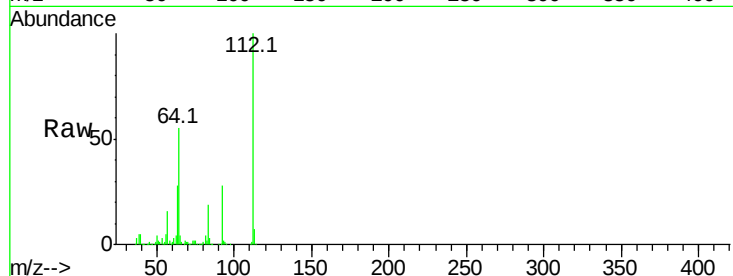
ClientSampleId :

SB-COMPMS

Tot Ion:	112	Resp:	801784
Ion Ratio	Lower	Upper	
112	100		
64	54.6	39.9	59.9
63	28.1	20.2	30.2

Manual Integrations
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#6

Aniline

Concen: 8.99 ng

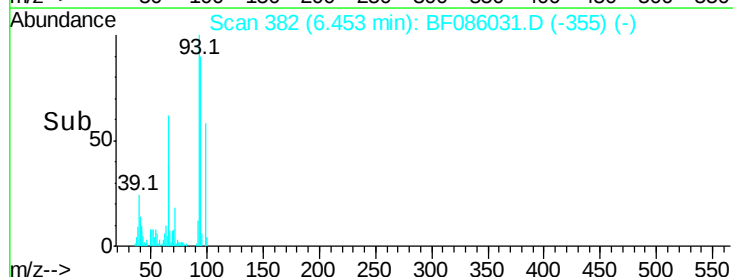
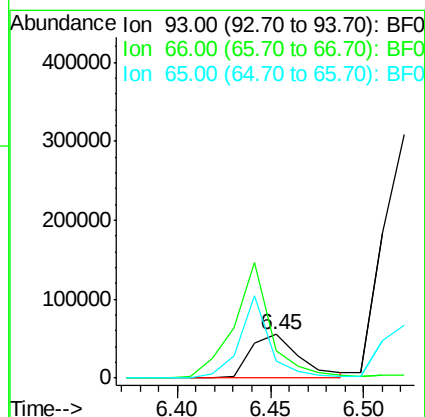
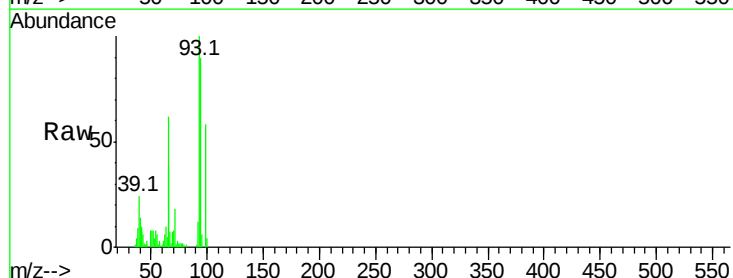
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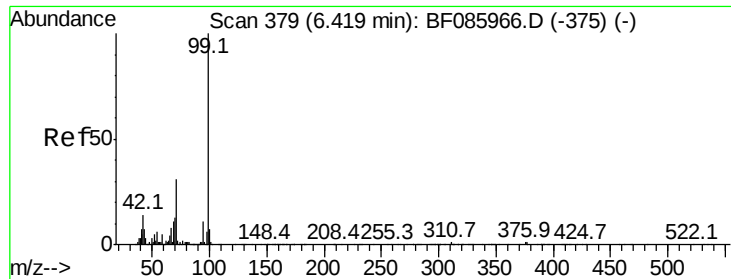
Delta R.T. 0.01 min

Lab File: BF086031.D

Acq: 3 Apr 2016 00:28

Tgt Ion:	93	Resp:	100929
Ion Ratio	Lower	Upper	
93	100		
66	62.2	31.4	47.2#
65	37.8	15.7	23.5#





#7

Phenol-d6

Concen: 120.63 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.01 min

Lab File: BF086031.D

Acq: 3 Apr 2016 00:28

Instrument :

BNA_F

ClientSampleId :

SB-COMPMS

Tot Ion: 99 Resp: 1032704

Ion Ratio Lower Upper

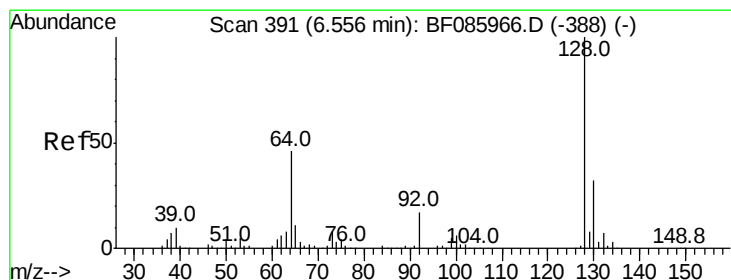
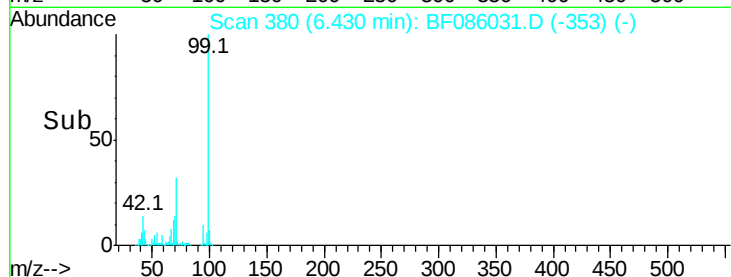
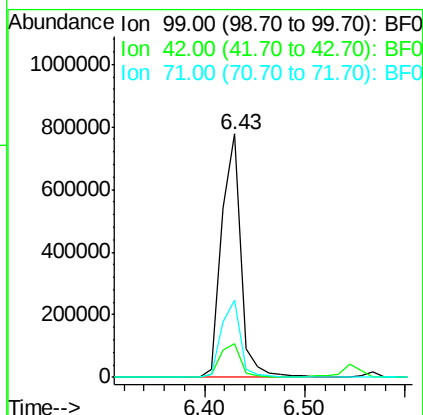
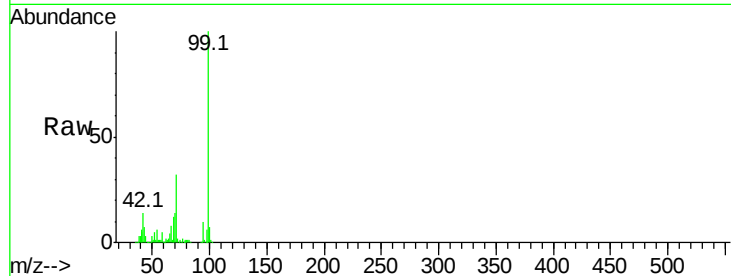
99 100

42 14.0 11.1 16.7

71 31.5 24.9 37.3

Manual Integrations
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#8

2-Chlorophenol

Concen: 42.44 ng

RT: 6.57 min Scan# 392

Delta R.T. 0.01 min

Lab File: BF086031.D

Acq: 3 Apr 2016 00:28

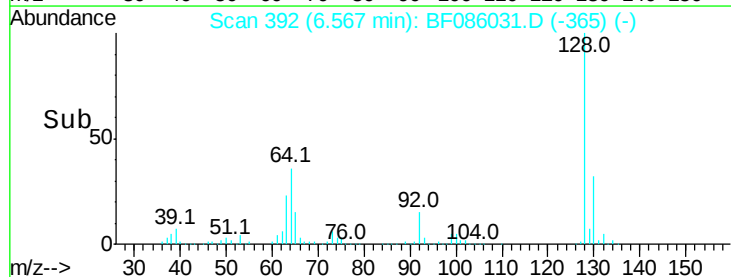
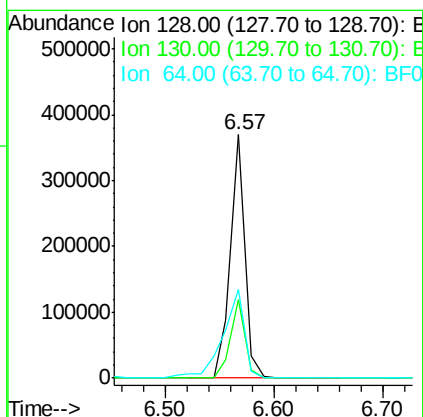
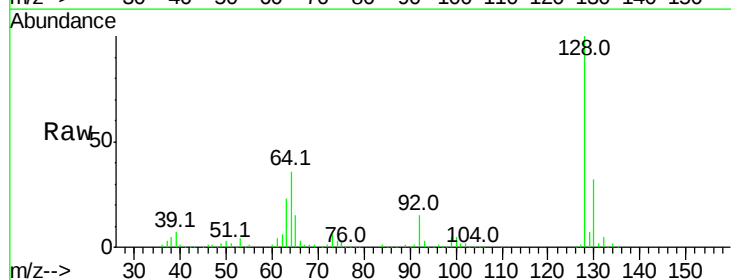
Tgt Ion: 128 Resp: 341151

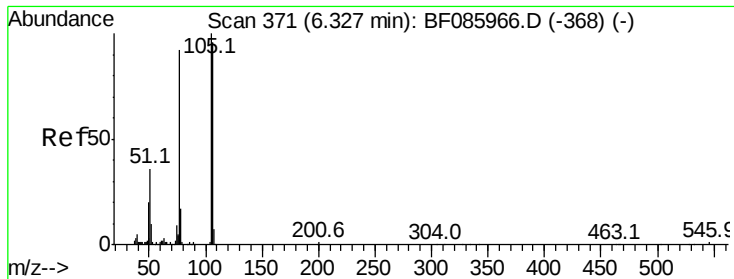
Ion Ratio Lower Upper

128 100

130 32.5 12.9 52.9

64 36.4 20.2 60.2





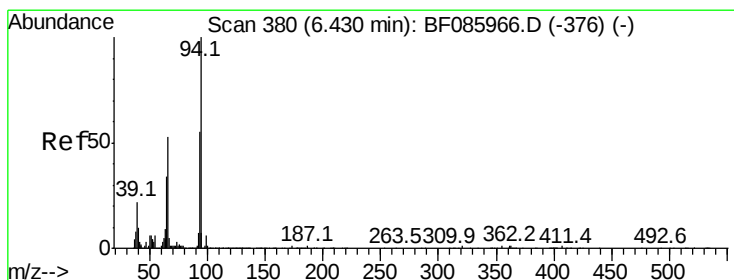
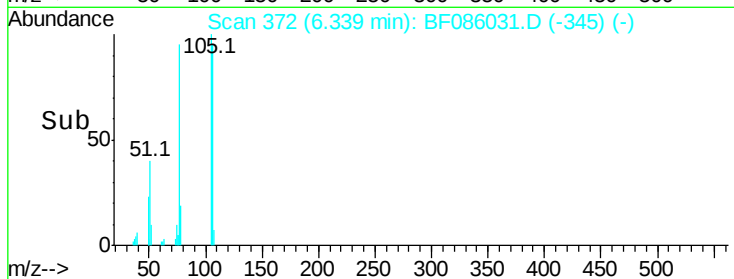
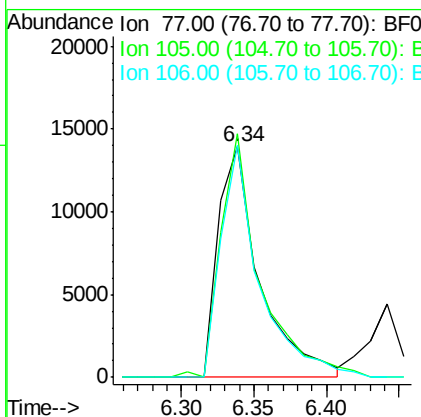
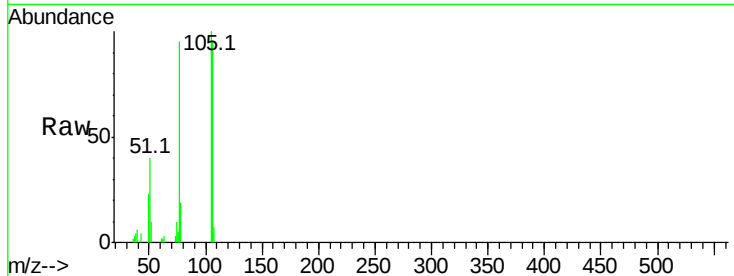
#9
Benzaldehyde
Concen: 6.01 ng
RT: 6.34 min Scan# 372
Delta R.T. 0.01 min
Lab File: BF086031.D
Acq: 3 Apr 2016 00:28

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Tot Ion	Ratio	Lower	Upper
77	100		
105	105.6	80.1	120.1
106	100.6	75.0	115.0

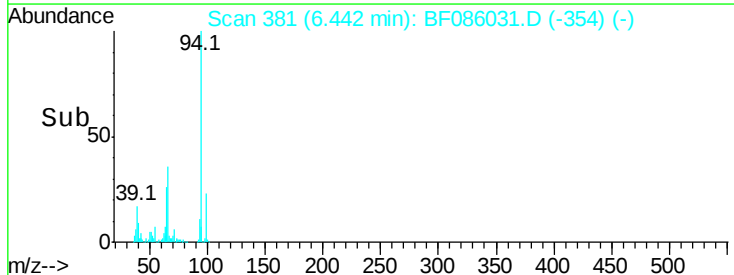
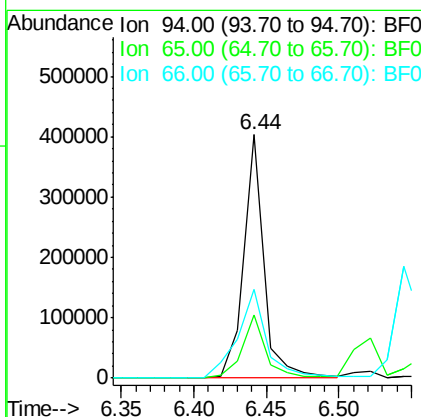
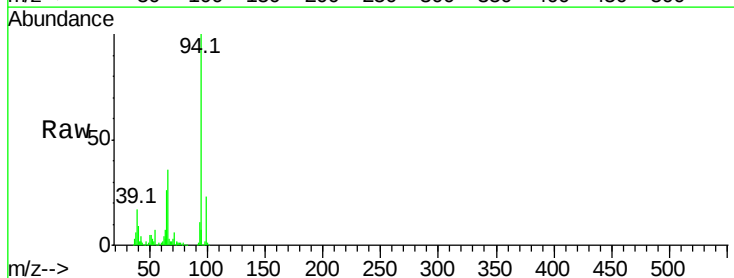
Manual Integrations
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#10
Phenol
Concen: 40.03 ng
RT: 6.44 min Scan# 381
Delta R.T. 0.01 min
Lab File: BF086031.D
Acq: 3 Apr 2016 00:28

Tgt Ion	Ratio	Lower	Upper
94	100		
65	26.0	8.6	48.6
66	36.4	20.0	60.0





#11

bis(2-Chloroethyl)ether

Concen: 43.55 ng

RT: 6.52 min Scan# 388

Delta R.T. 0.01 min

Lab File: BF086031.D

Acq: 3 Apr 2016 00:28

Instrument :

BNA_F

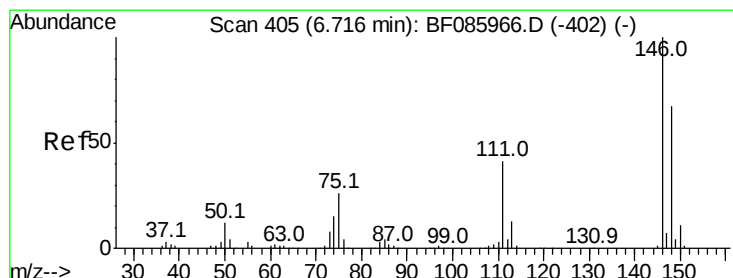
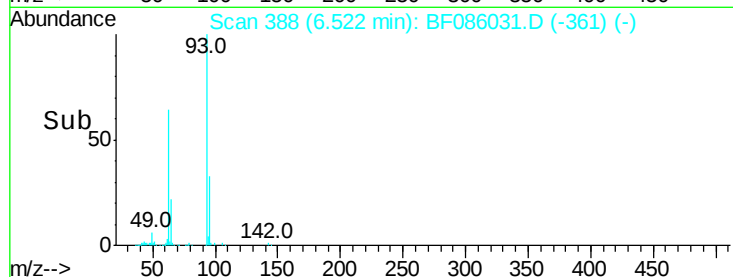
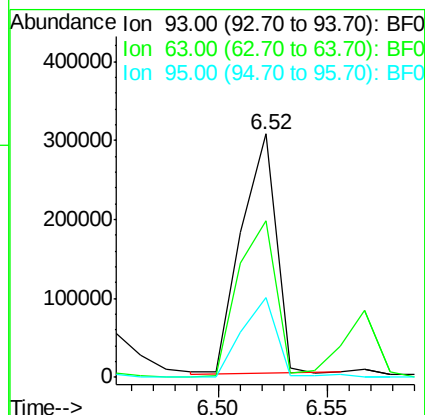
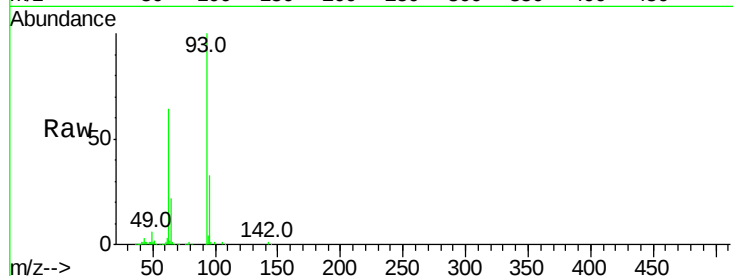
ClientSampleId :

SB-COMPMS

Tot Ion	93	Resp	336821
Ion Ratio	100	Lower	Upper
93	100		
63	64.2	50.9	90.9
95	32.8	13.3	53.3

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#12

1,3-Dichlorobenzene

Concen: 42.09 ng m

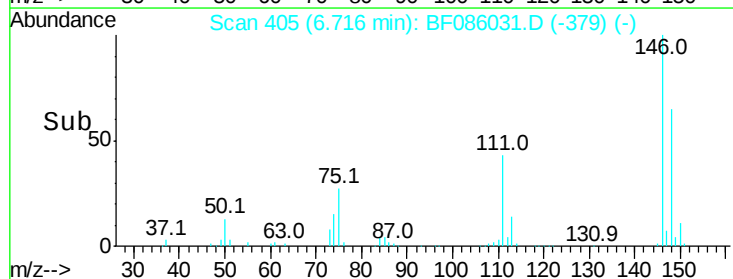
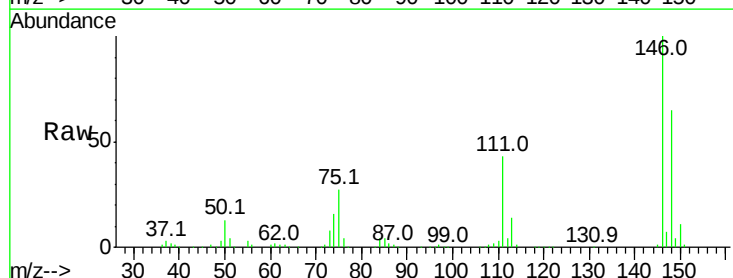
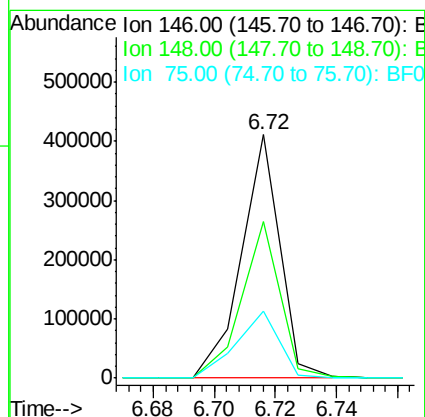
RT: 6.72 min Scan# 405

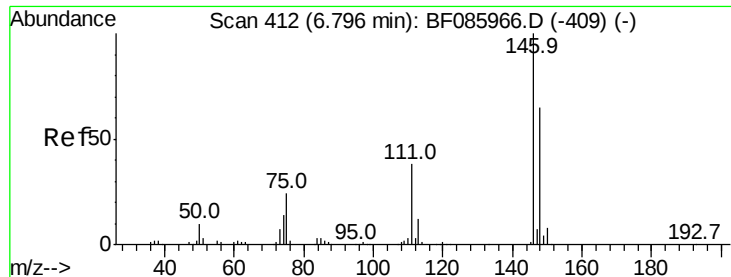
Delta R.T. 0.00 min

Lab File: BF086031.D

Acq: 3 Apr 2016 00:28

Tgt Ion	146	Resp	358539
Ion Ratio	100	Lower	Upper
146	100		
148	64.5	52.3	78.5
75	27.3	17.4	26.2#





#13

1,4-Dichlorobenzene

Concen: 40.75 ng

RT: 6.80 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF086031.D

Acq: 3 Apr 2016 00:28

Instrument :

BNA_F

ClientSampleId :

SB-COMPMS

Tot Ion:146 Resp: 357639

Ion Ratio Lower Upper

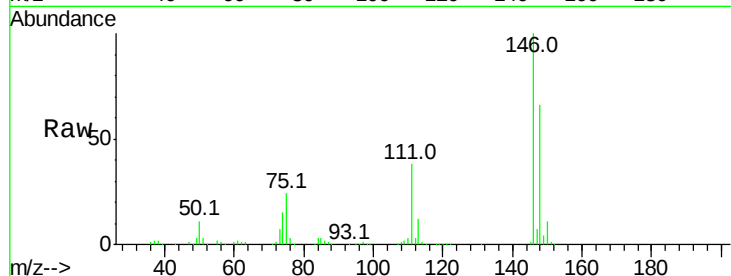
146 100

148 65.7 50.6 76.0

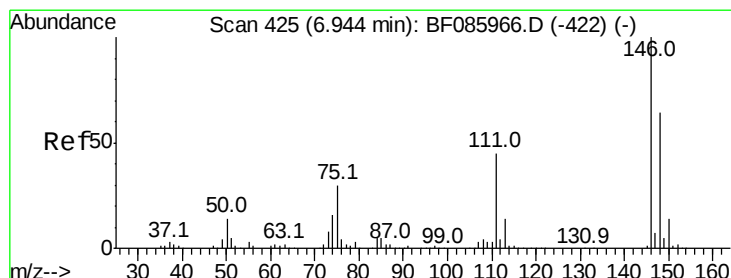
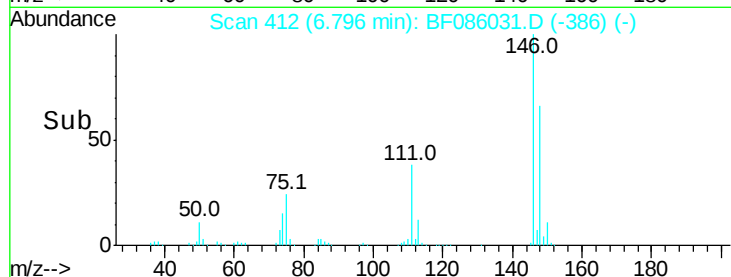
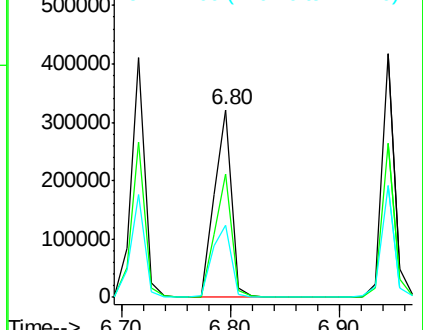
111 38.2 37.8 56.6

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.94 ng

RT: 6.94 min Scan# 425

Delta R.T. 0.00 min

Lab File: BF086031.D

Acq: 3 Apr 2016 00:28

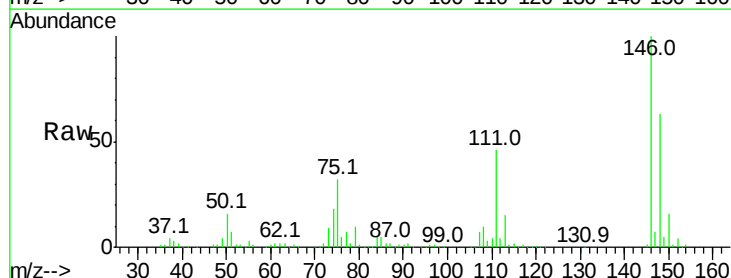
Tgt Ion:146 Resp: 338778

Ion Ratio Lower Upper

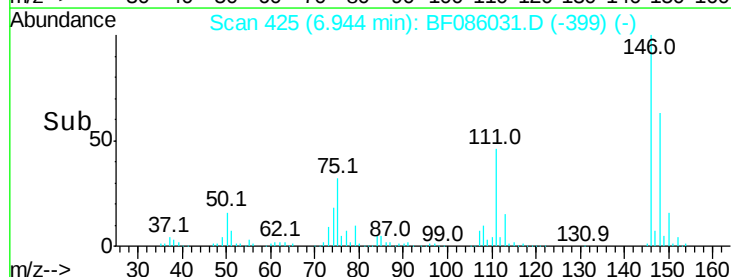
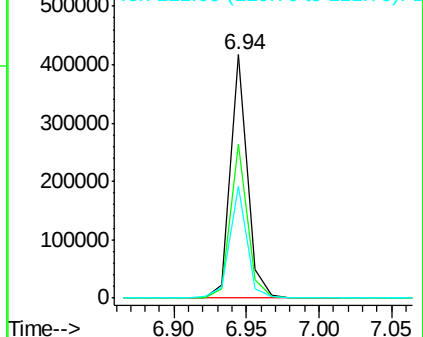
146 100

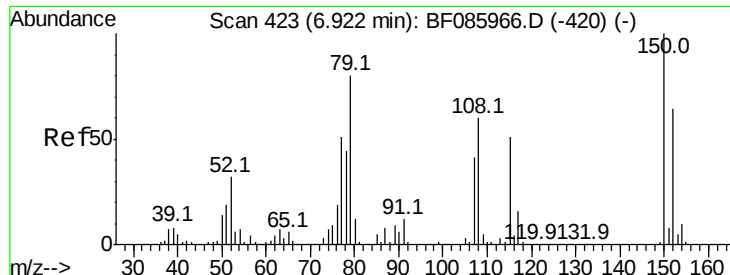
148 63.2 51.4 77.2

111 45.8 34.6 52.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





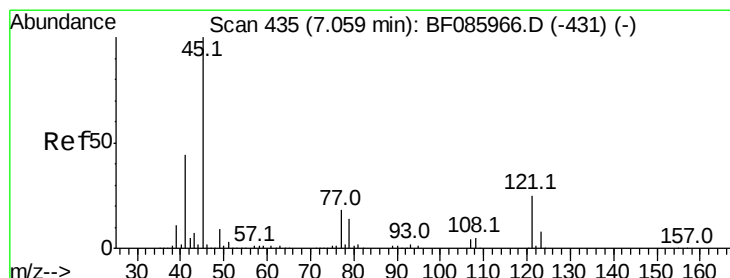
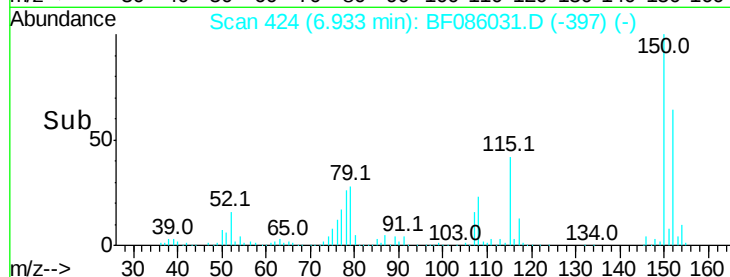
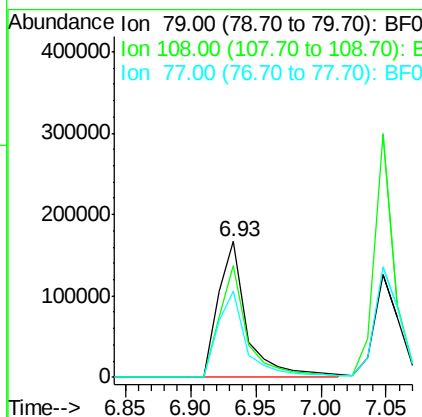
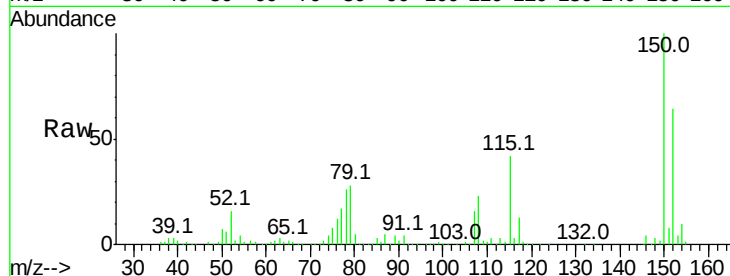
#15
Benzyl Alcohol
Concen: 46.32 ng
RT: 6.93 min Scan# 424
Delta R.T. 0.01 min
Lab File: BF086031.D
Acq: 3 Apr 2016 00:28

Instrument :
BNA_F
ClientSampleId :
SB-COMPMS

Tot Ion	Ratio	Lower	Upper
79	100		
108	82.3	61.8	92.6
77	63.5	49.6	74.4

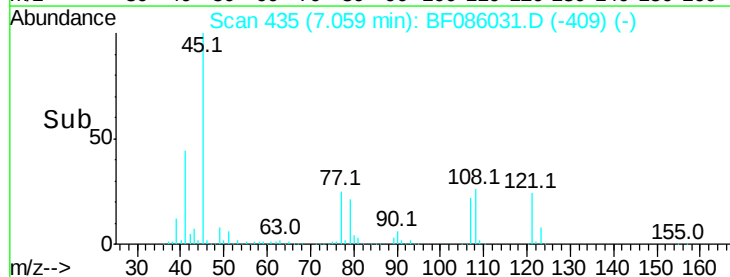
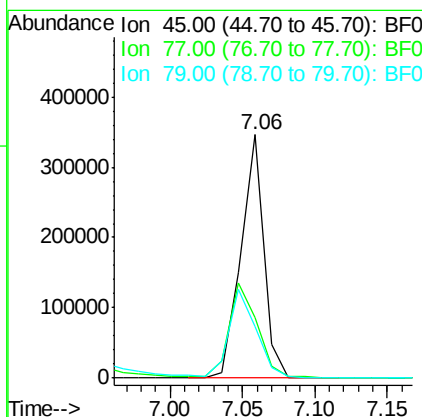
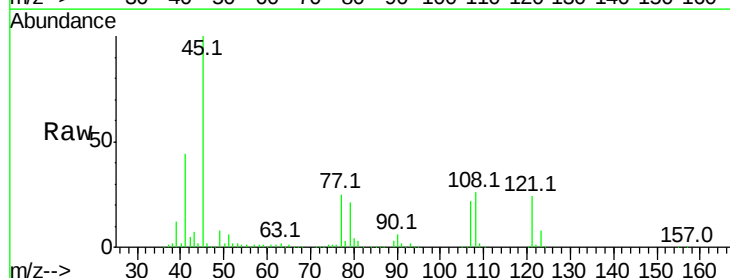
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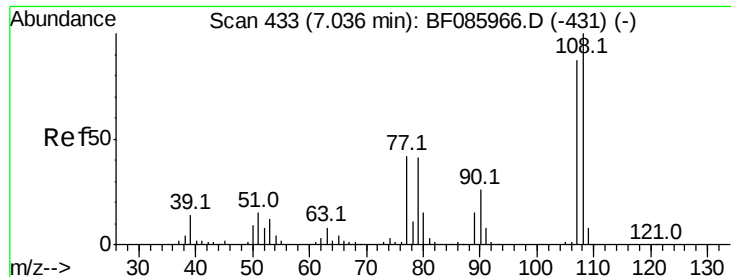
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#16
2,2'-oxybis(1-chloropropane)
Concen: 40.27 ng
RT: 7.06 min Scan# 435
Delta R.T. 0.00 min
Lab File: BF086031.D
Acq: 3 Apr 2016 00:28

Tgt Ion	Ratio	Lower	Upper
45	100		
77	25.0	0.0	35.7
79	21.4	0.0	32.2





#17

2-Methylphenol

Concen: 43.46 ng

RT: 7.05 min Scan# 434

Delta R.T. 0.01 min

Lab File: BF086031.D

Acq: 3 Apr 2016 00:28

Instrument :

BNA_F

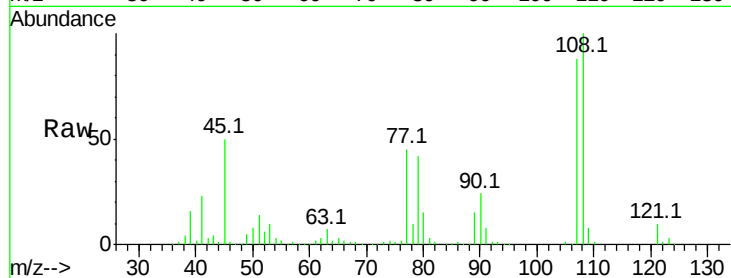
ClientSampleId :

SB-COMPMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100	275427		
108	114.2	91.4	137.0		
77	52.0	36.2	54.2		
79	48.2	35.8	53.8		

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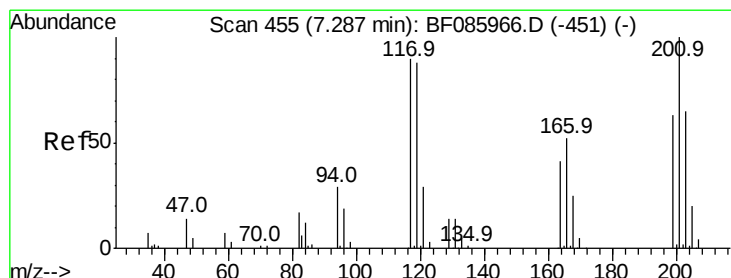
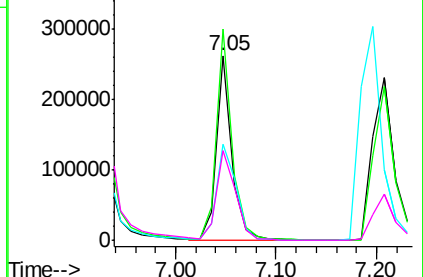
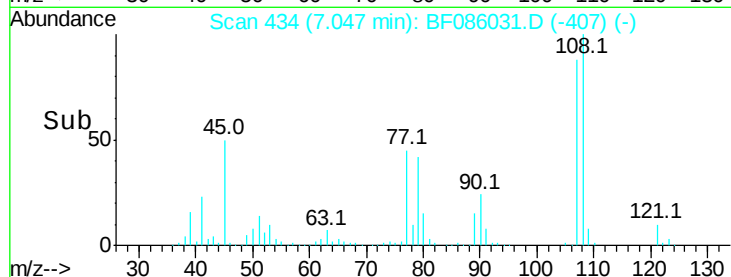


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 40.83 ng

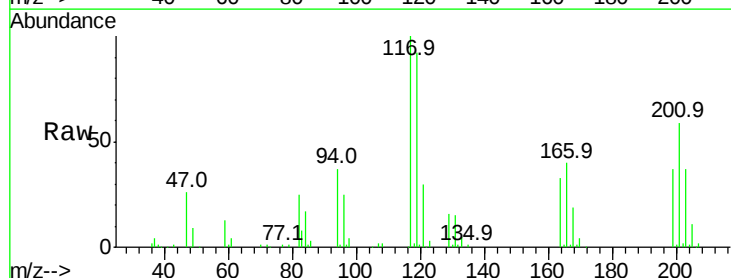
RT: 7.28 min Scan# 454

Delta R.T. -0.01 min

Lab File: BF086031.D

Acq: 3 Apr 2016 00:28

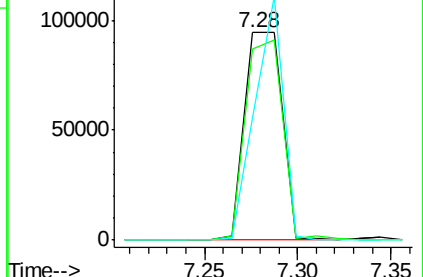
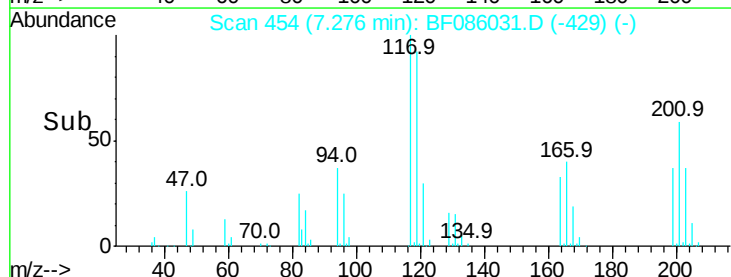
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117	100	131807		
119	92.3	76.7	115.1		
201	58.9	83.3	124.9#		

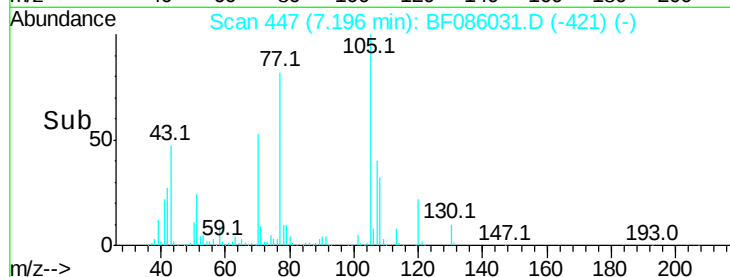
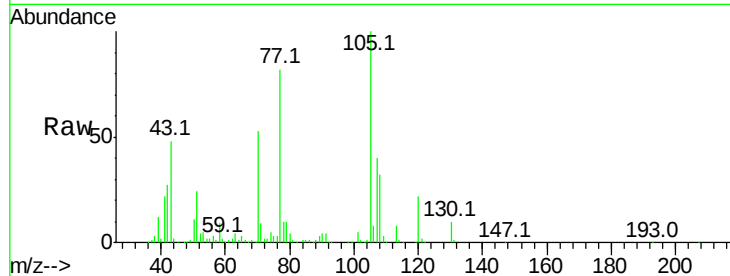
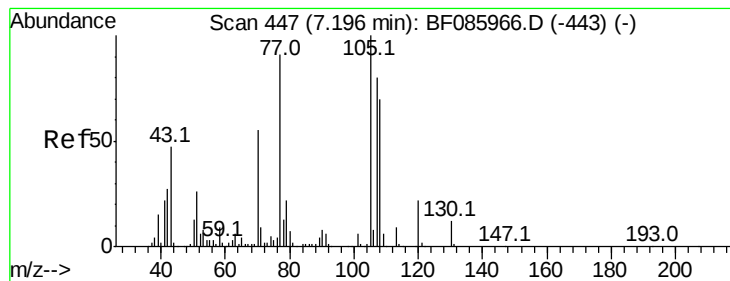


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 41.35 ng

RT: 7.20 min Scan# 447

Delta R.T. 0.00 min

Lab File: BF086031.D

Acq: 3 Apr 2016 00:28

Instrument :

BNA_F

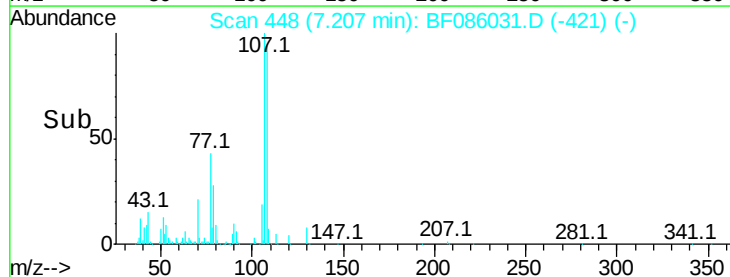
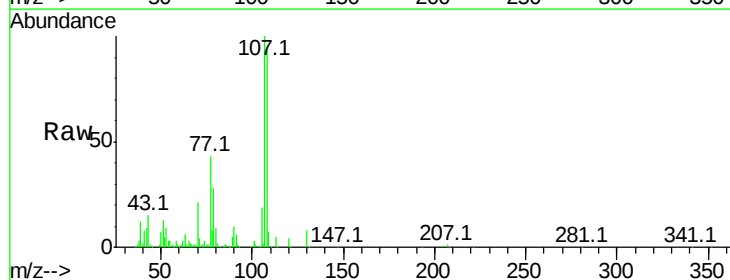
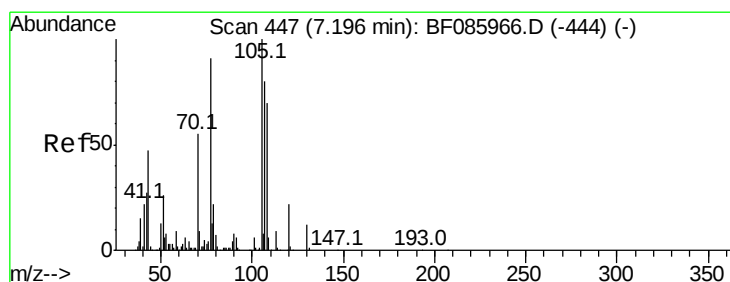
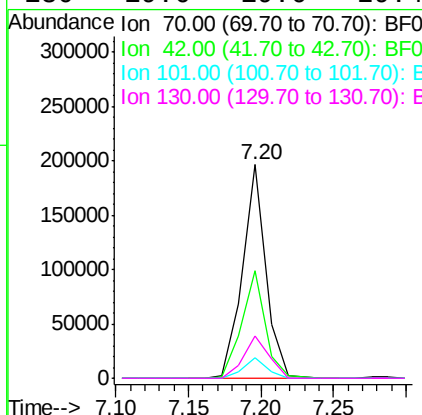
ClientSampleId :

SB-COMPMS

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Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	50.4	37.1	55.7	
101	9.7	8.6	12.8	
130	19.6	19.6	29.4	



#20

3+4-Methylphenols

Concen: 45.59 ng

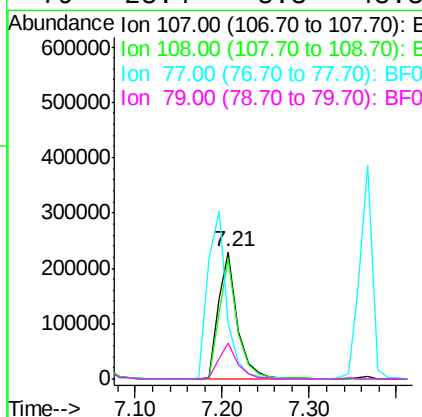
RT: 7.21 min Scan# 448

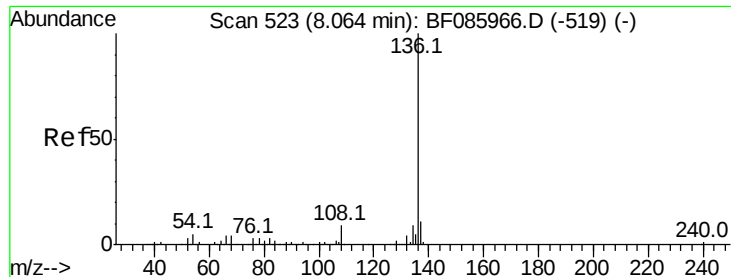
Delta R.T. 0.01 min

Lab File: BF086031.D

Acq: 3 Apr 2016 00:28

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	94.3	69.3	109.3	
77	43.3	101.7	141.7#	
79	28.4	8.3	48.3	





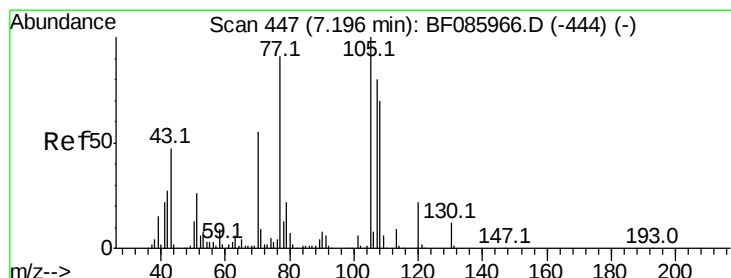
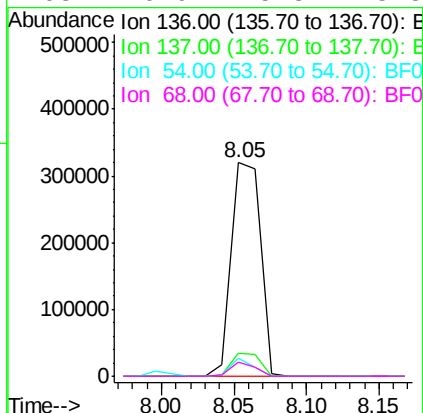
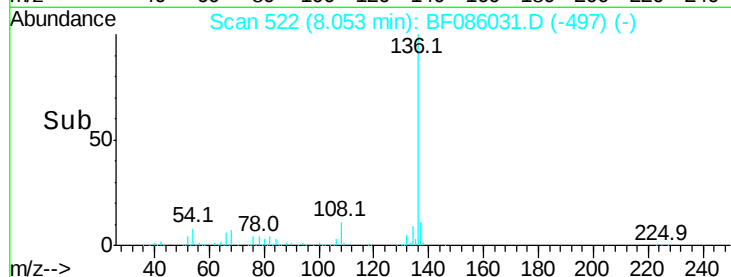
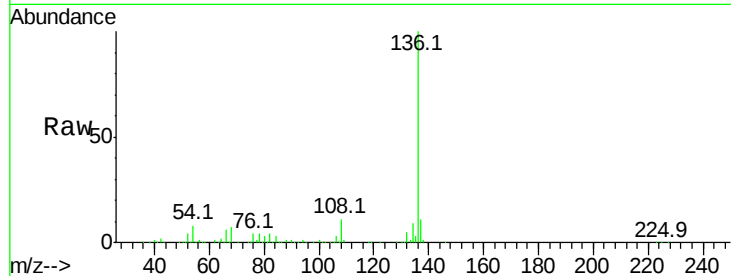
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF086031.D
Acq: 3 Apr 2016 00:28

Instrument :
BNA_F
ClientSampleId :
SB-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	9.1	13.7	
54	8.3	7.4	11.0	
68	6.9	5.8	8.8	

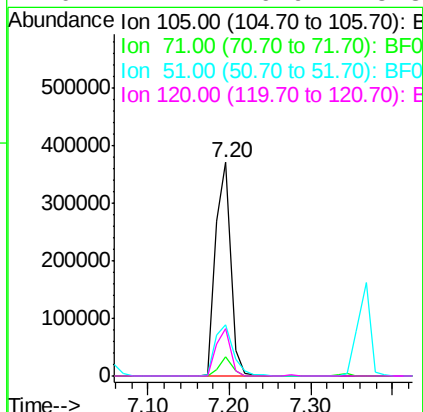
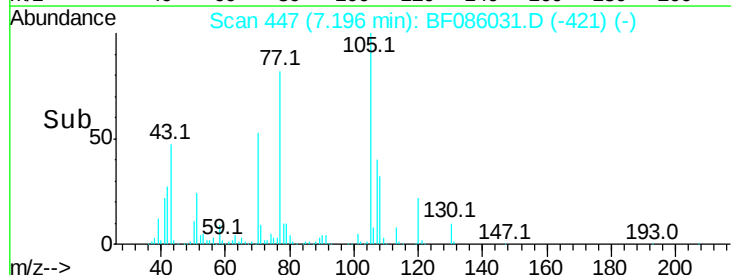
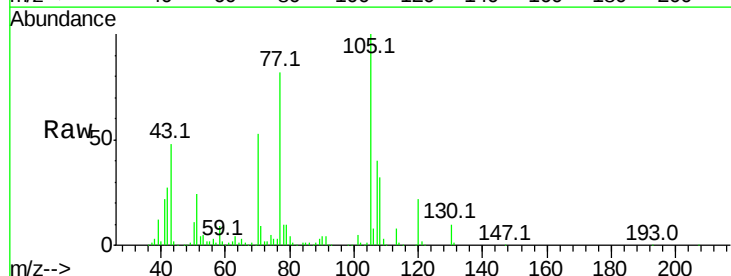
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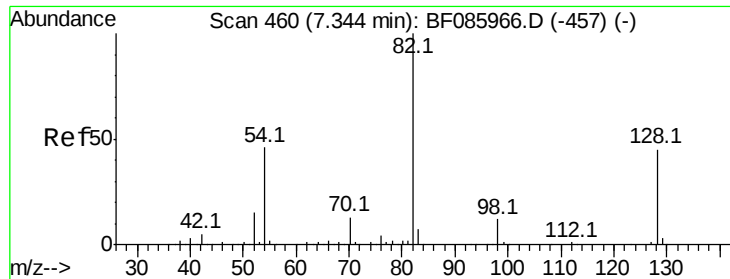
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#22
Acetophenone
Concen: 45.51 ng
RT: 7.20 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF086031.D
Acq: 3 Apr 2016 00:28

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	9.0	3.6	5.4#	
51	23.9	25.4	38.0#	
120	22.2	16.9	25.3	





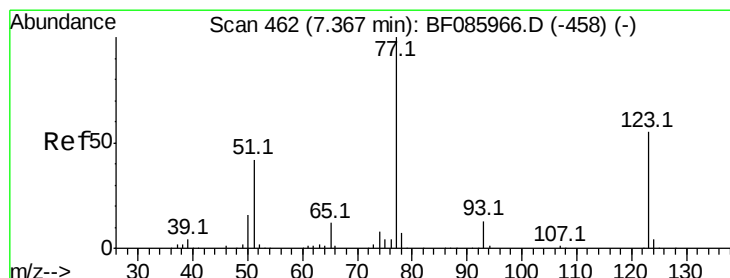
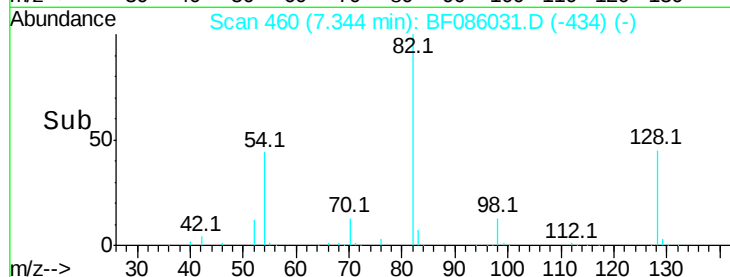
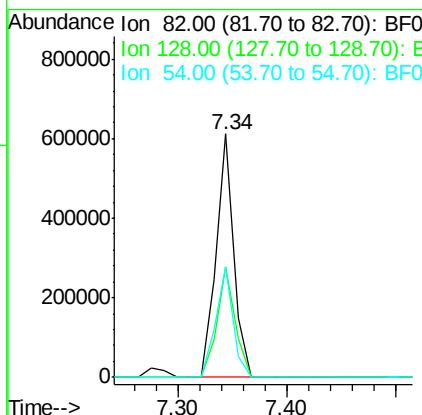
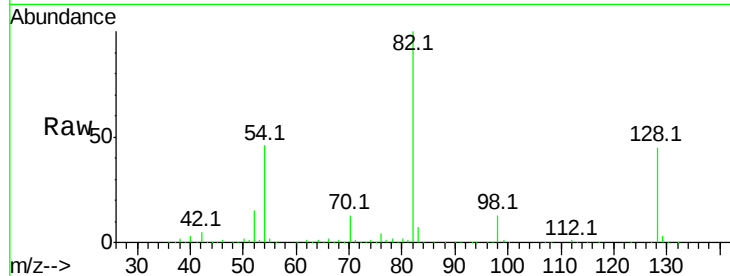
#23
 Nitrobenzene-d5
 Concen: 91.88 ng
 RT: 7.34 min Scan# 460
 Delta R.T. 0.00 min
 Lab File: BF086031.D
 Acq: 3 Apr 2016 00:28

Instrument :
 BNA_F
 ClientSampleId :
 SB-COMPMS

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.3	41.8	62.8
54	45.5	33.4	50.0

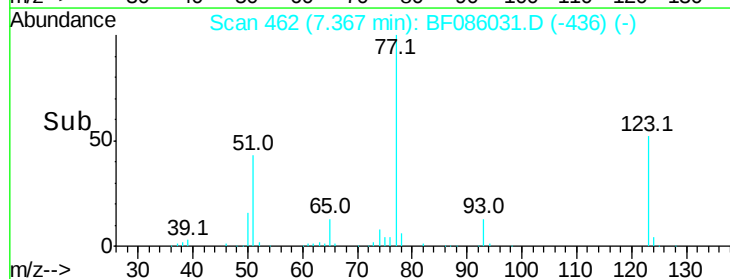
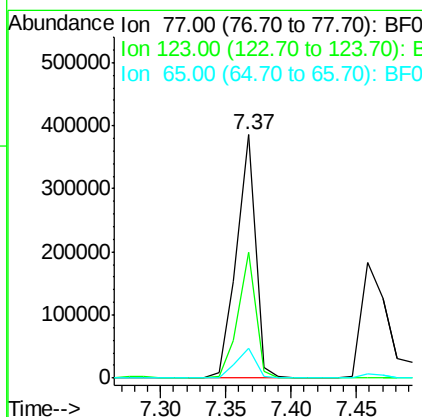
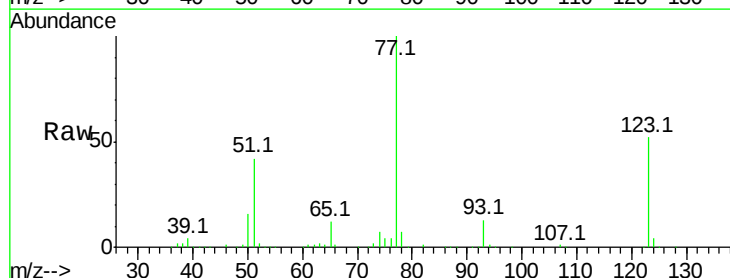
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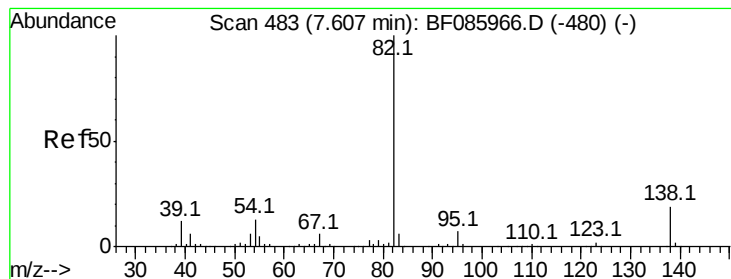
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#24
 Nitrobenzene
 Concen: 46.83 ng
 RT: 7.37 min Scan# 462
 Delta R.T. 0.00 min
 Lab File: BF086031.D
 Acq: 3 Apr 2016 00:28

Tgt Ion	Ratio	Lower	Upper
77	100		
123	51.8	35.0	52.4
65	12.5	10.6	16.0





#25

Isophorone

Concen: 45.76 ng

RT: 7.61 min Scan# 483

Delta R.T. 0.00 min

Lab File: BF086031.D

Acq: 3 Apr 2016 00:28

Instrument :

BNA_F

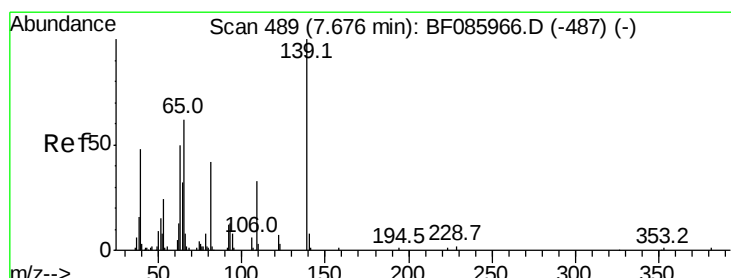
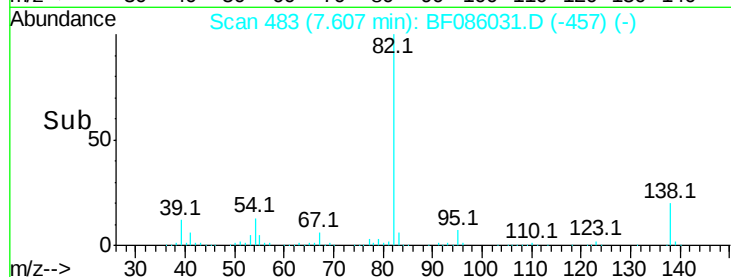
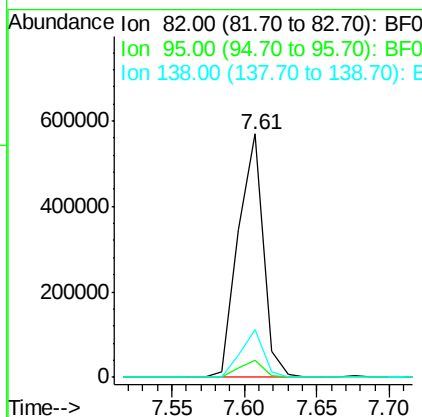
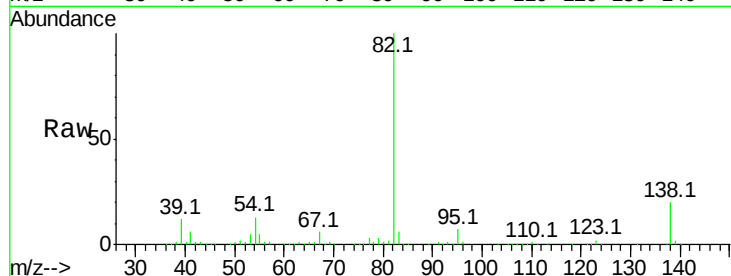
ClientSampleId :

SB-COMPMS

Tot Ion:	82	Resp:	684495
Ion Ratio	Lower	Upper	
82	100		
95	7.2	5.4	8.2
138	19.6	12.9	19.3#

Manual Integrations
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#26

2-Nitrophenol

Concen: 44.70 ng

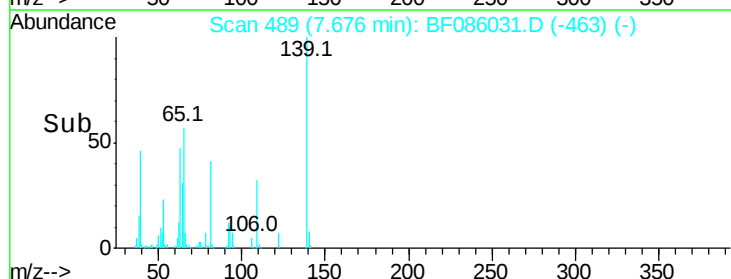
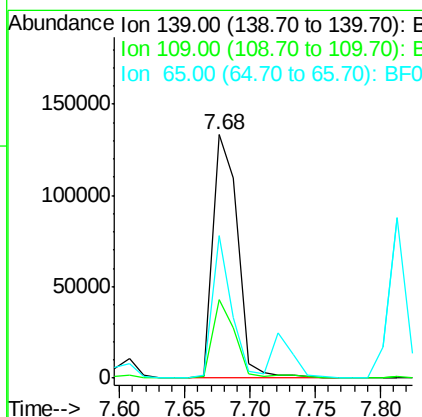
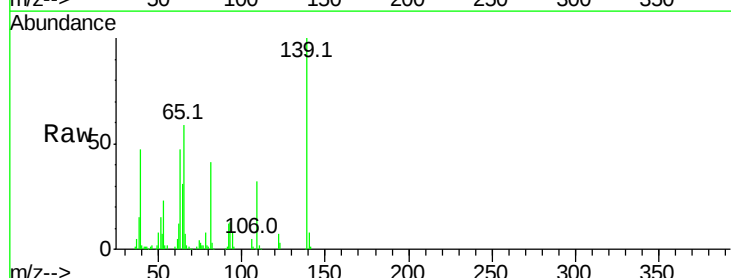
RT: 7.68 min Scan# 489

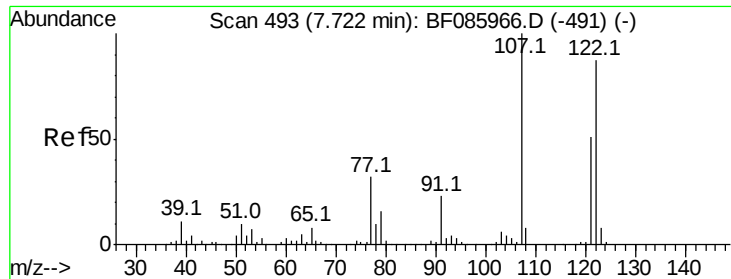
Delta R.T. 0.00 min

Lab File: BF086031.D

Acq: 3 Apr 2016 00:28

Tgt Ion:	139	Resp:	177313
Ion Ratio	Lower	Upper	
139	100		
109	32.1	22.1	33.1
65	58.7	33.9	50.9#





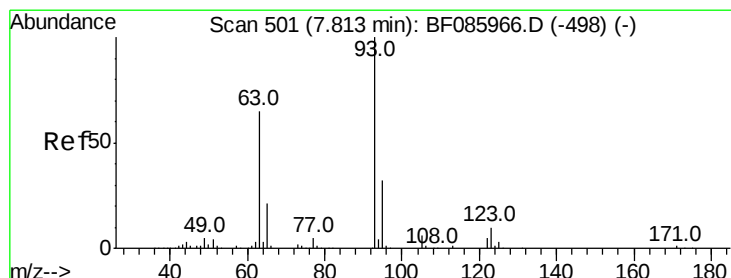
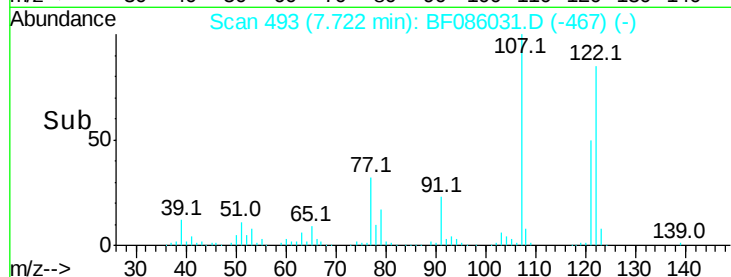
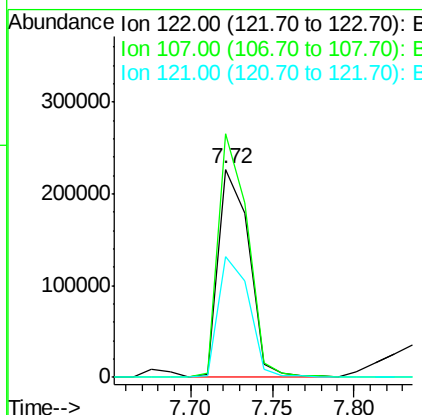
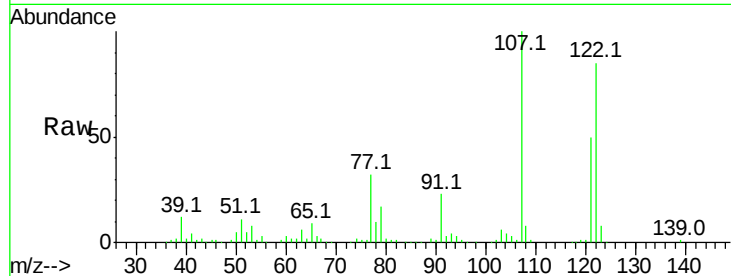
#27
2,4-Dimethylphenol
Concen: 41.22 ng
RT: 7.72 min Scan# 493
Delta R.T. 0.00 min
Lab File: BF086031.D
Acq: 3 Apr 2016 00:28

Instrument :
BNA_F
ClientSampleId :
SB-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	293630		
107	117.1	93.0	139.6	
121	58.4	45.9	68.9	

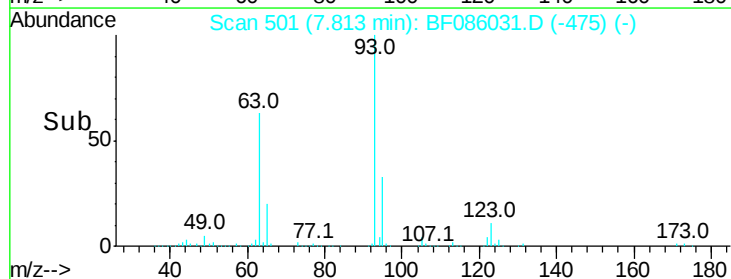
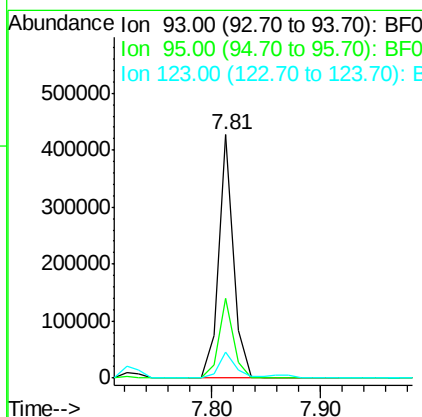
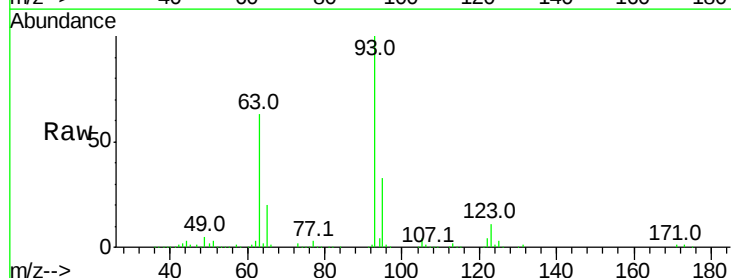
Manual Integrations
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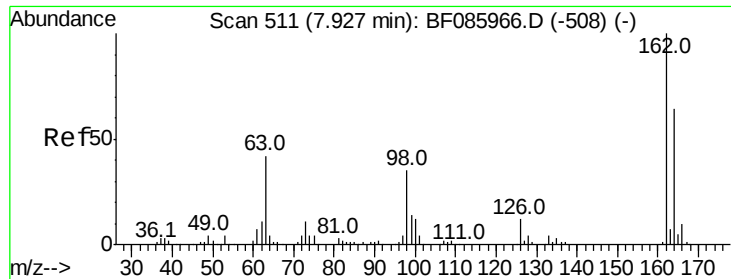
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 46.37 ng
RT: 7.81 min Scan# 501
Delta R.T. 0.00 min
Lab File: BF086031.D
Acq: 3 Apr 2016 00:28

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	406971		
95	32.6	26.4	39.6	
123	10.7	9.8	14.6	





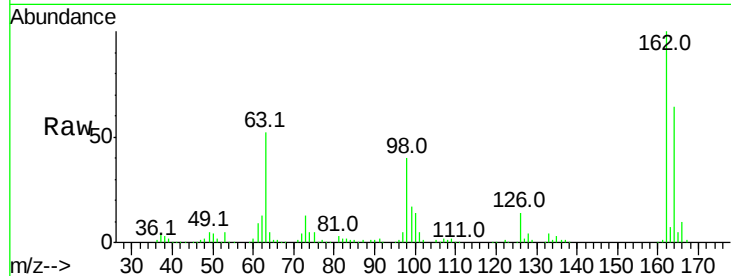
#29
 2,4-Dichlorophenol
 Concen: 47.33 ng
 RT: 7.93 min Scan# 511
 Delta R.T. 0.00 min
 Lab File: BF086031.D
 Acq: 3 Apr 2016 00:28

Instrument :
 BNA_F
 ClientSampleId :
 SB-COMPMS

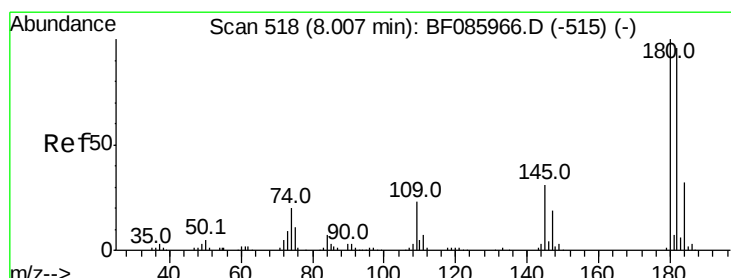
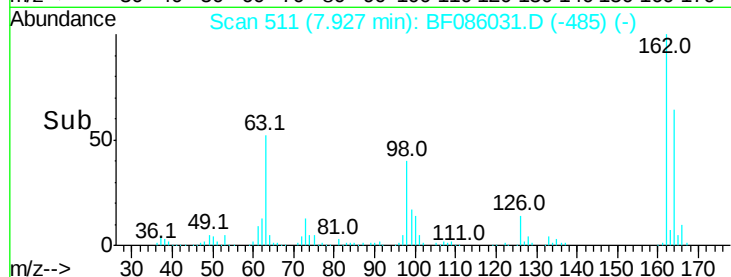
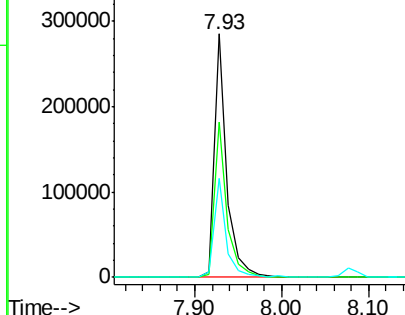
Tot Ion:	162	Resp:	285027
Ion Ratio	Lower	Upper	
162	100		
164	64.0	43.7	83.7
98	40.4	20.4	60.4

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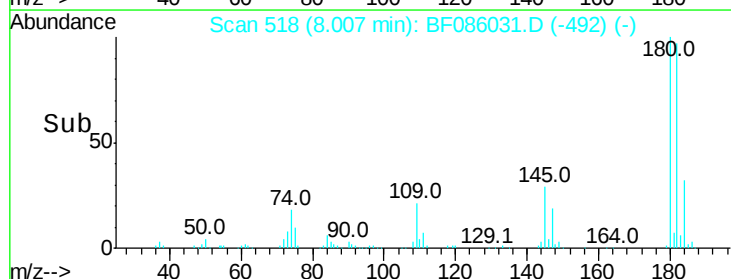
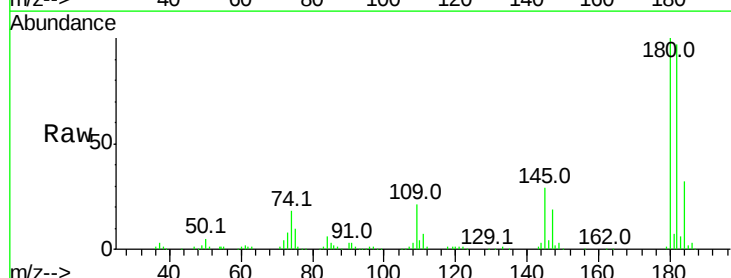
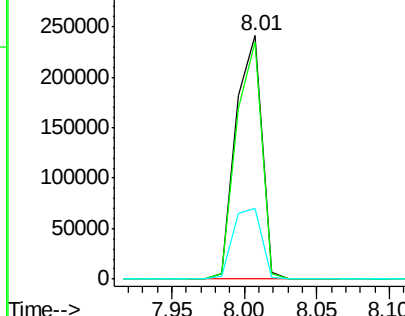
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

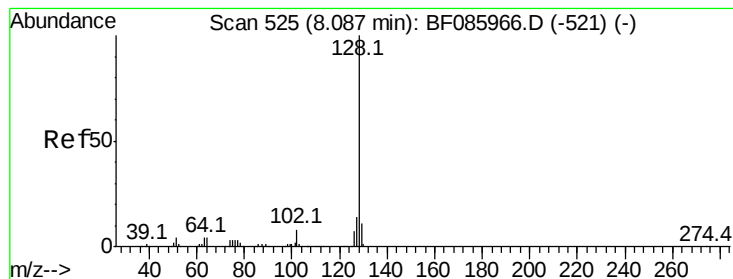


#30
 1,2,4-Trichlorobenzene
 Concen: 44.20 ng
 RT: 8.01 min Scan# 518
 Delta R.T. 0.00 min
 Lab File: BF086031.D
 Acq: 3 Apr 2016 00:28

Tgt Ion:	180	Resp:	298848
Ion Ratio	Lower	Upper	
180	100		
182	97.3	73.8	110.8
145	29.3	28.4	42.6

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: 44.67 ng

RT: 8.08 min Scan# 524

Delta R.T. -0.01 min

Lab File: BF086031.D

Acq: 3 Apr 2016 00:28

Instrument :

BNA_F

ClientSampleId :

SB-COMPMS

Tot Ion:128 Resp: 1004072

Ion Ratio Lower Upper

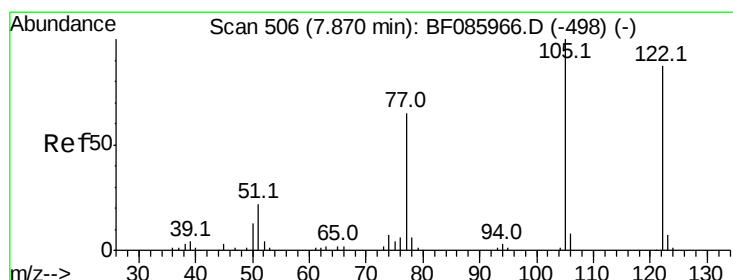
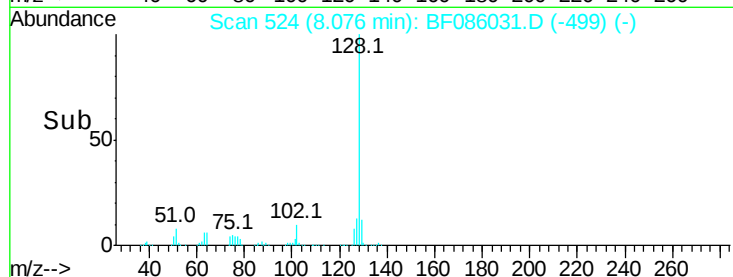
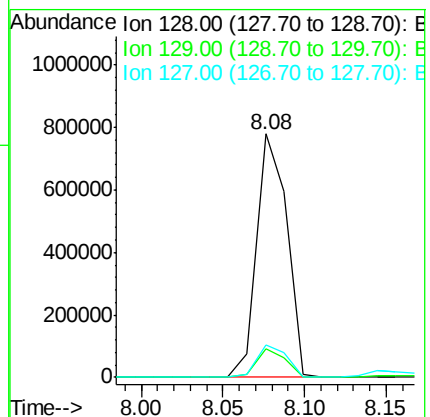
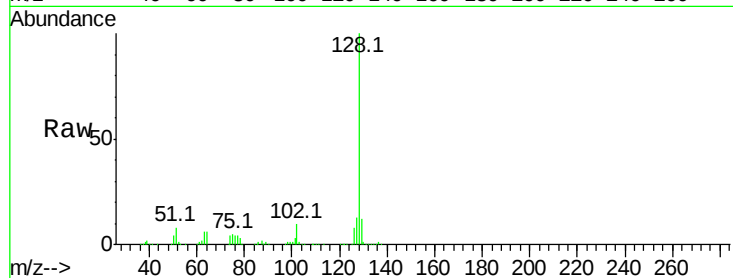
128 100

129 11.7 9.4 14.0

127 13.4 11.0 16.6

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#32

Benzoic acid

Concen: 36.12 ng

RT: 7.87 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF086031.D

Acq: 3 Apr 2016 00:28

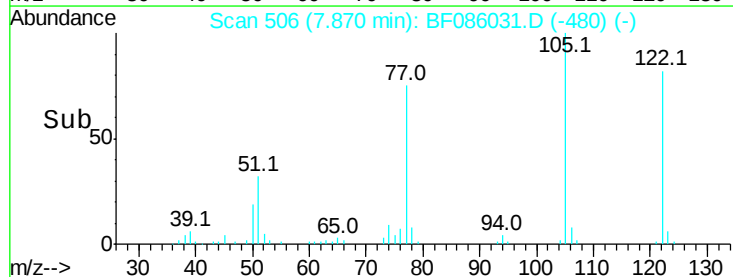
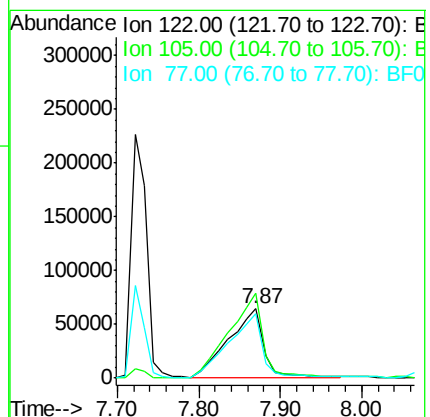
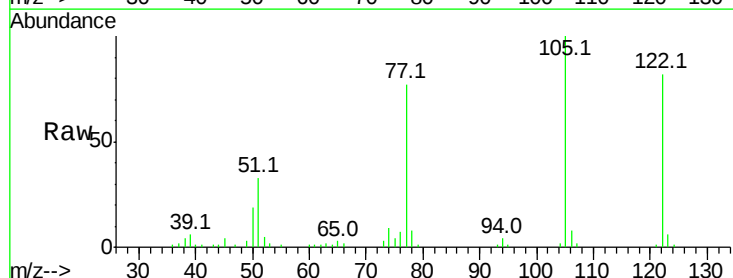
Tgt Ion:122 Resp: 188760

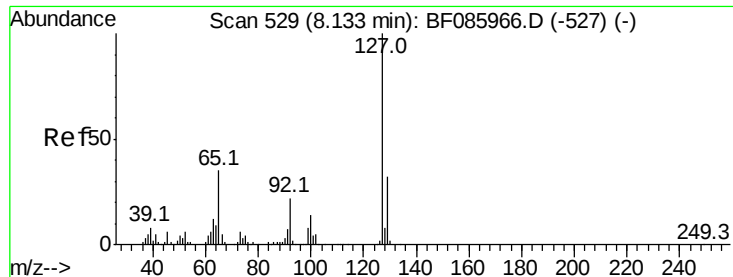
Ion Ratio Lower Upper

122 100

105 121.8 102.9 142.9

77 93.6 71.8 111.8





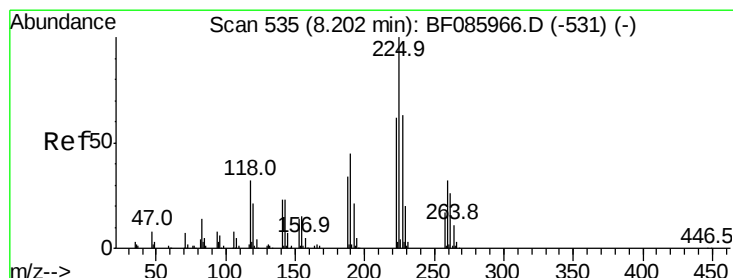
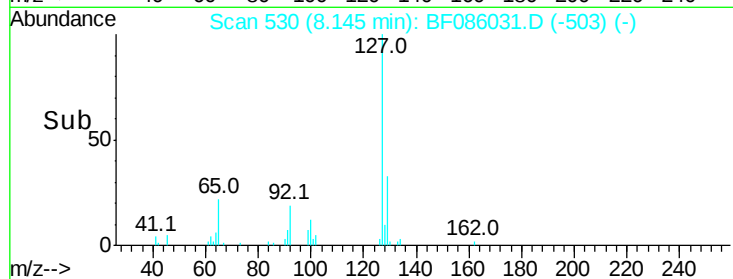
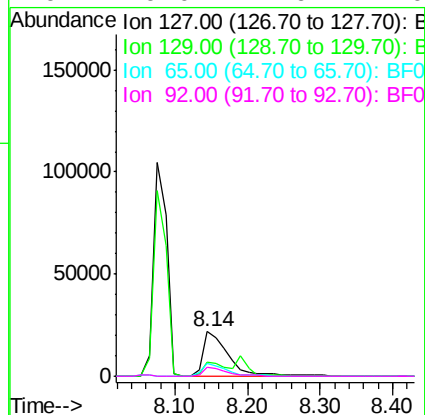
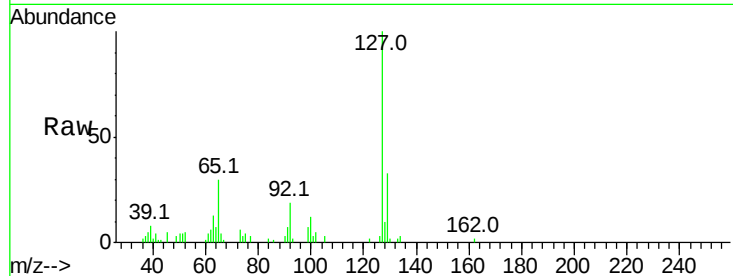
#33
4-Chloroaniline
Concen: 5.89 ng
RT: 8.14 min Scan# 530
Delta R.T. 0.01 min
Lab File: BF086031.D
Acq: 3 Apr 2016 00:28

Instrument :
BNA_F
ClientSampleId :
SB-COMPMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		53447		
129	32.6	26.1	39.1		
65	29.8	19.5	29.3		
92	19.0	14.6	22.0		

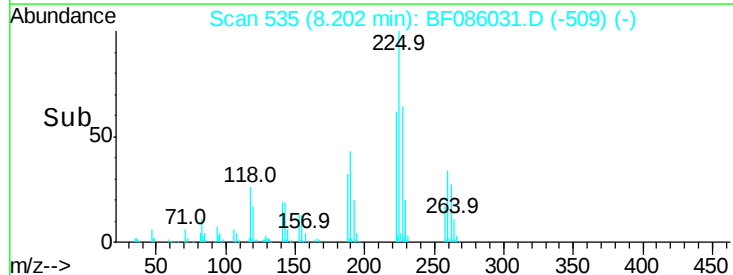
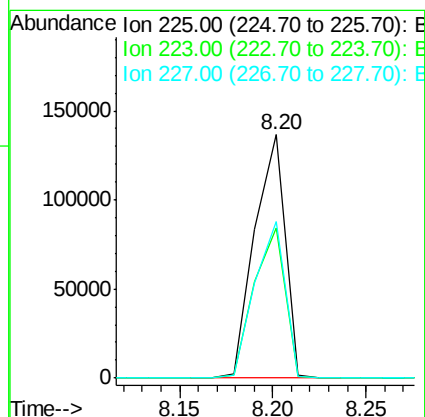
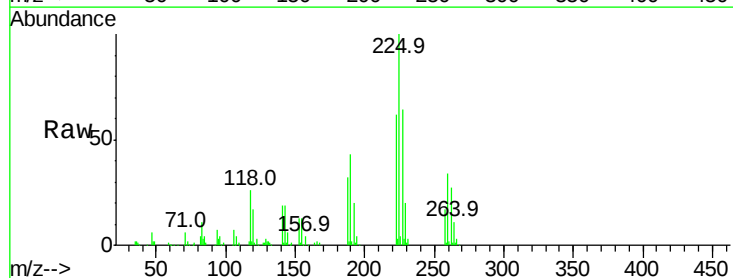
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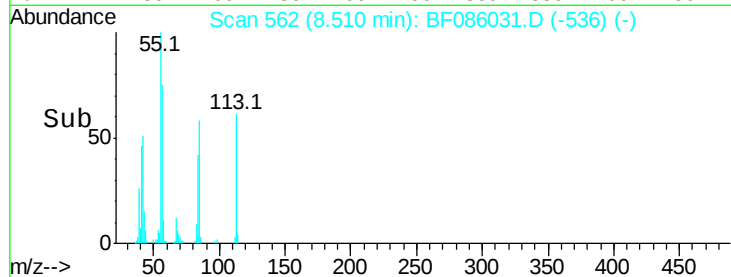
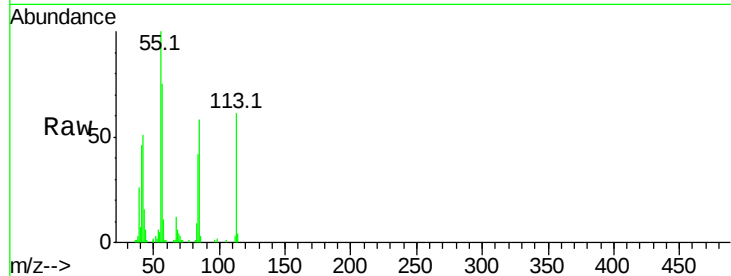
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#34
Hexachlorobutadiene
Concen: 42.42 ng
RT: 8.20 min Scan# 535
Delta R.T. 0.00 min
Lab File: BF086031.D
Acq: 3 Apr 2016 00:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		154169		
223	61.7	50.4	75.6		
227	64.3	51.4	77.2		





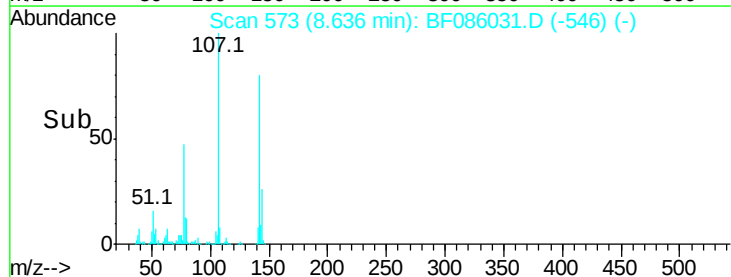
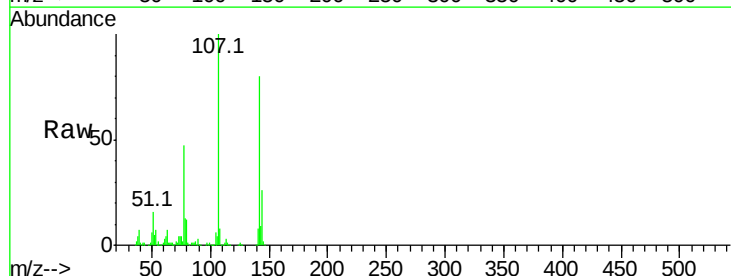
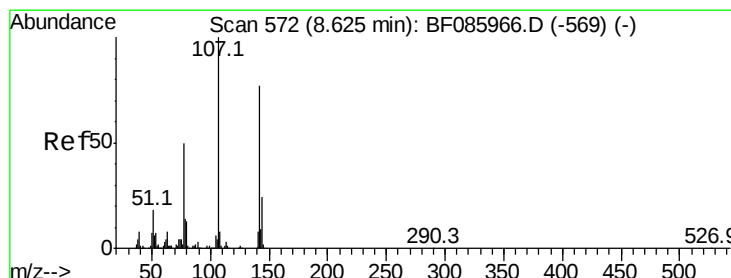
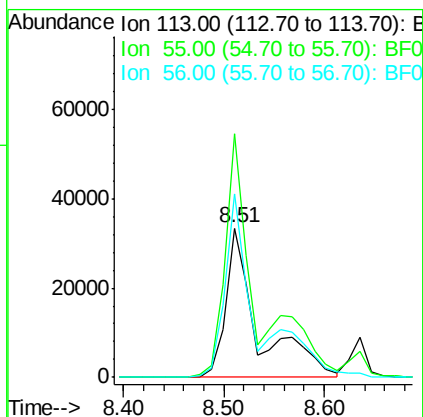
#35
Caprolactam
Concen: 39.33 ng/ml
RT: 8.51 min Scan# 562
Delta R.T. 0.00 min
Lab File: BF086031.D
Acq: 3 Apr 2016 00:28

Tot Ion	Ratio	Lower	Upper
113	100		
55	163.3	139.4	179.4
56	123.0	100.4	140.4

Instrument :
BNA_F
ClientSampleId :
SB-COMPMS

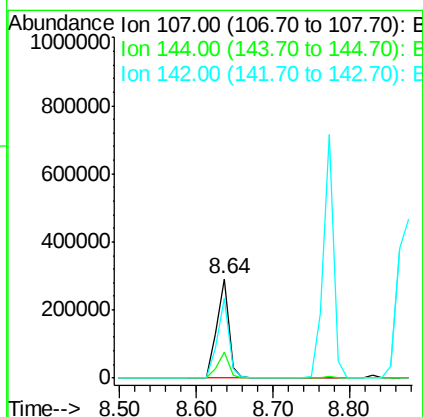
Manual Integrations
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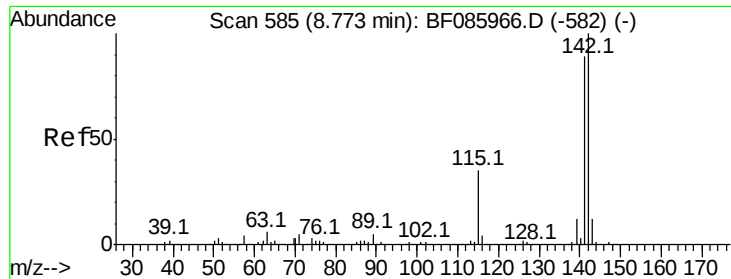
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#36
4-Chloro-3-methylphenol
Concen: 47.48 ng
RT: 8.64 min Scan# 573
Delta R.T. 0.01 min
Lab File: BF086031.D
Acq: 3 Apr 2016 00:28

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.7	19.3	28.9
142	80.5	61.4	92.0





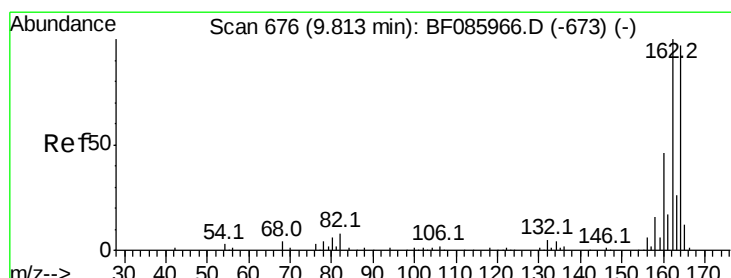
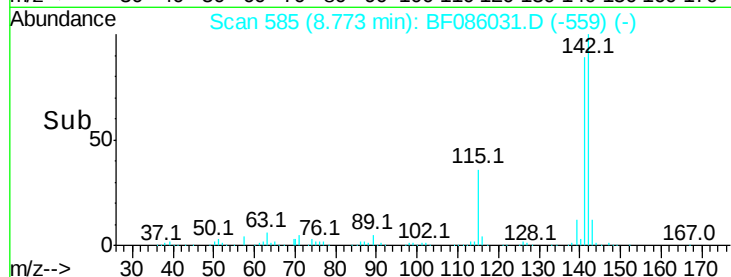
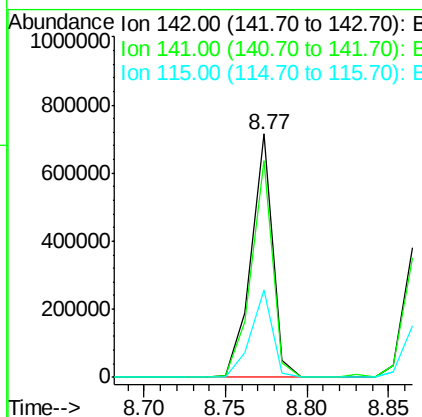
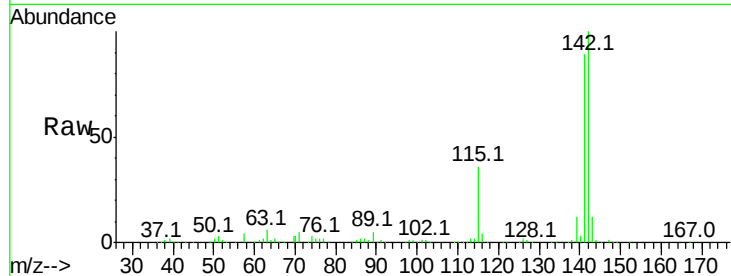
#37
2-Methylnaphthalene
Concen: 44.95 ng
RT: 8.77 min Scan# 585
Delta R.T. 0.00 min
Lab File: BF086031.D
Acq: 3 Apr 2016 00:28

Instrument :
BNA_F
ClientSampleId :
SB-COMPMS

Tot Ion:	142	Resp:	659988
Ion Ratio	Lower	Upper	
142	100		
141	89.1	71.6	107.4
115	36.1	26.8	40.2

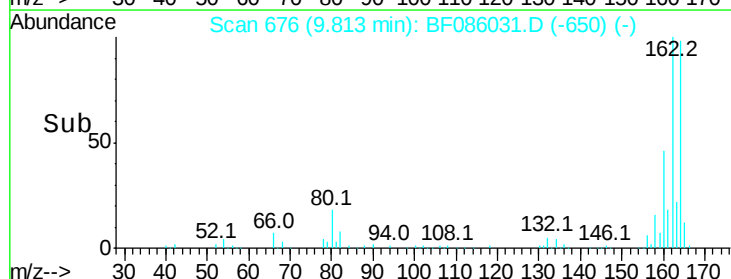
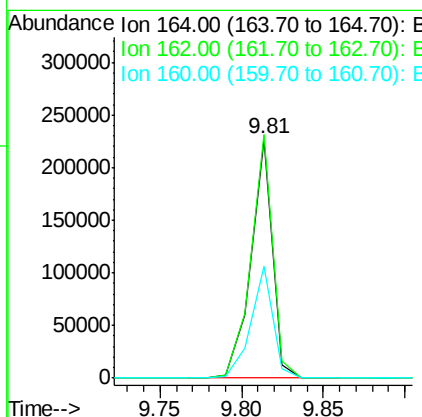
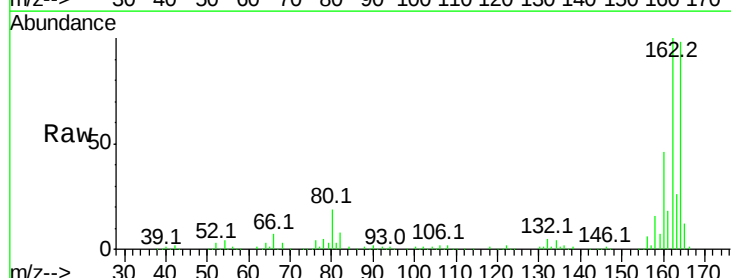
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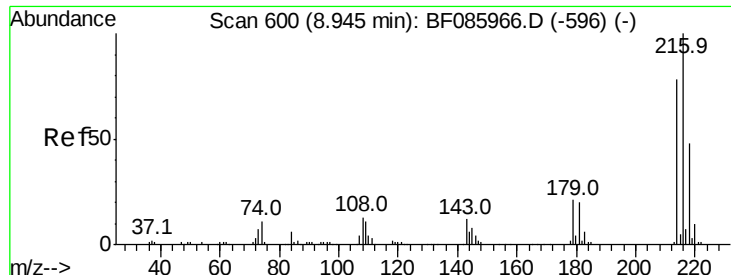
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.81 min Scan# 676
Delta R.T. 0.00 min
Lab File: BF086031.D
Acq: 3 Apr 2016 00:28

Tgt Ion:	164	Resp:	208358
Ion Ratio	Lower	Upper	
164	100		
162	101.9	82.1	123.1
160	46.7	37.4	56.2





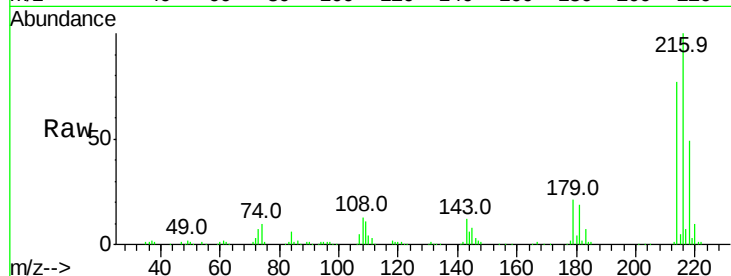
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.62 ng
 RT: 8.94 min Scan# 600
 Delta R.T. 0.00 min
 Lab File: BF086031.D
 Acq: 3 Apr 2016 00:28

Instrument :
 BNA_F
 ClientSampleId :
 SB-COMPMS

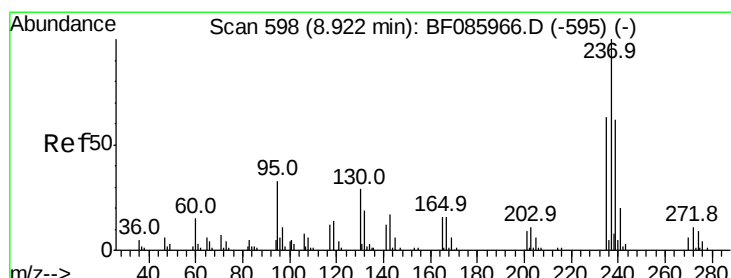
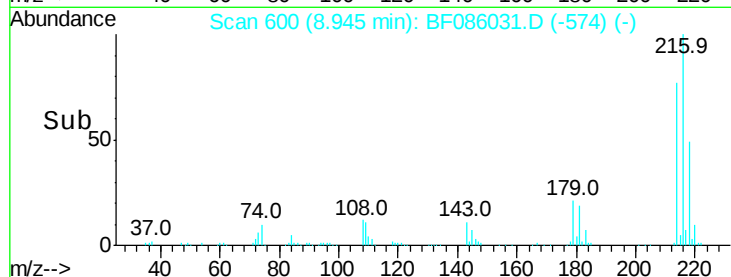
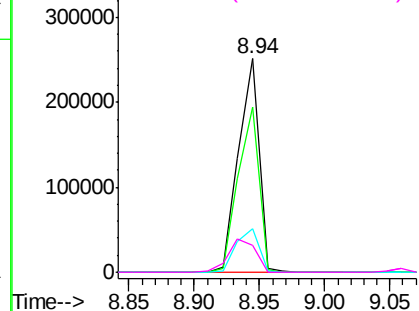
Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	78.7	63.1	94.7
179	22.8	18.2	27.2
108	21.3	17.3	25.9

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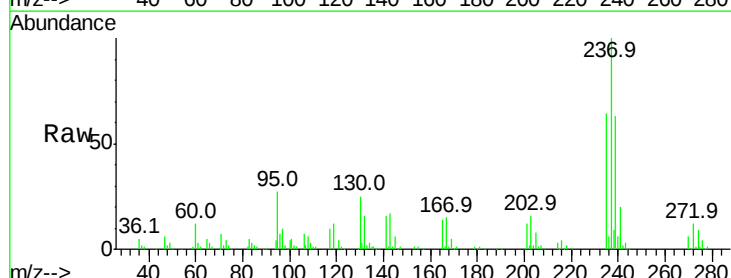


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

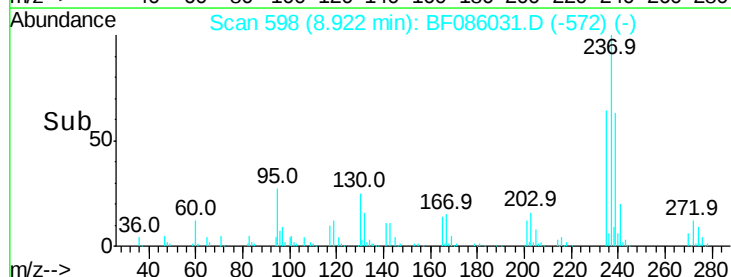
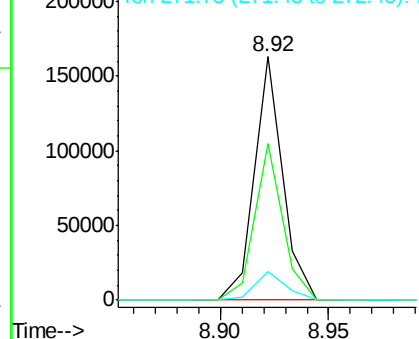


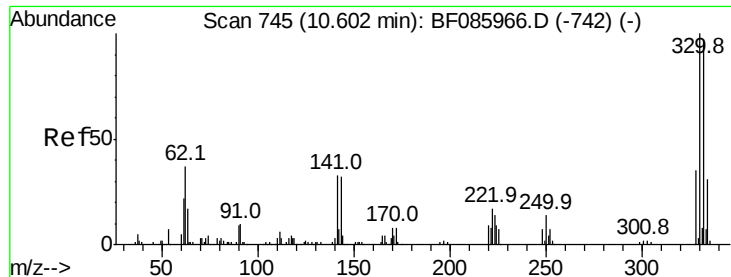
#40
 Hexachlorocyclopentadiene
 Concen: 68.82 ng
 RT: 8.92 min Scan# 598
 Delta R.T. 0.00 min
 Lab File: BF086031.D
 Acq: 3 Apr 2016 00:28

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	64.4	43.7	83.7
272	11.9	0.0	31.9



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





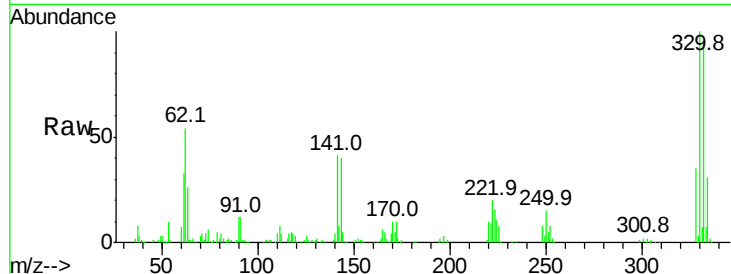
#41
 2,4,6-Tribromophenol
 Concen: 137.70 ng
 RT: 10.60 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: BF086031.D
 Acq: 3 Apr 2016 00:28

Instrument :
 BNA_F
 ClientSampleId :
 SB-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	269297		
332	96.7	78.2	117.2	
141	35.3	31.5	47.3	

Manual Integrations
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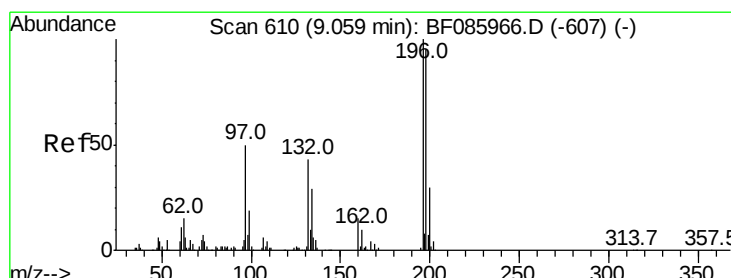
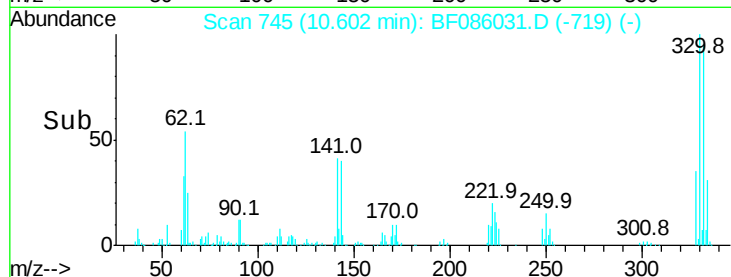
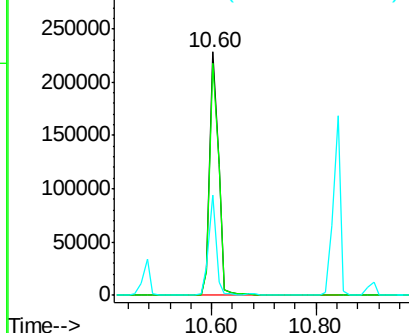


Abundance

Ion 329.80 (329.50 to 330.50): E

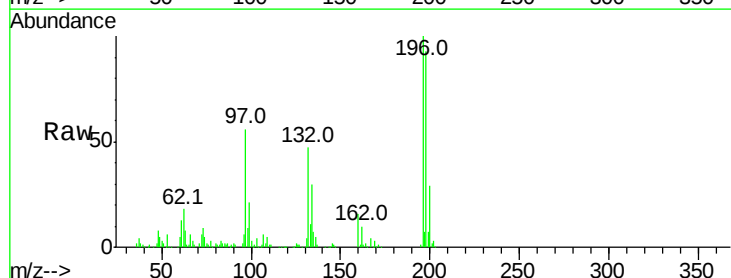
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 47.83 ng
 RT: 9.06 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: BF086031.D
 Acq: 3 Apr 2016 00:28

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	192354		
198	93.5	75.3	112.9	
200	29.3	23.7	35.5	

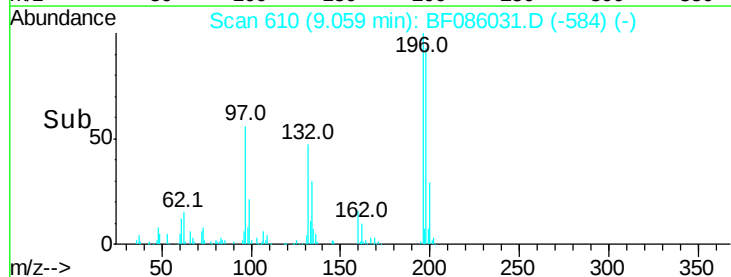
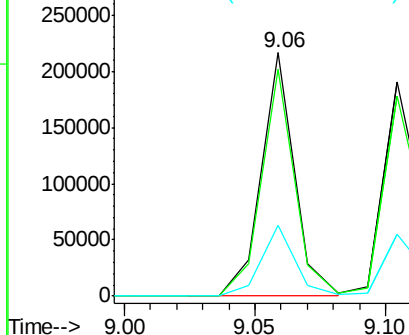


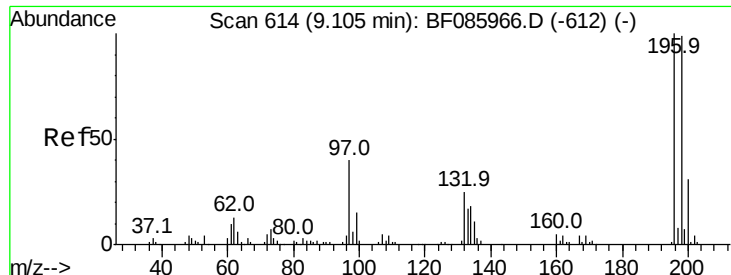
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

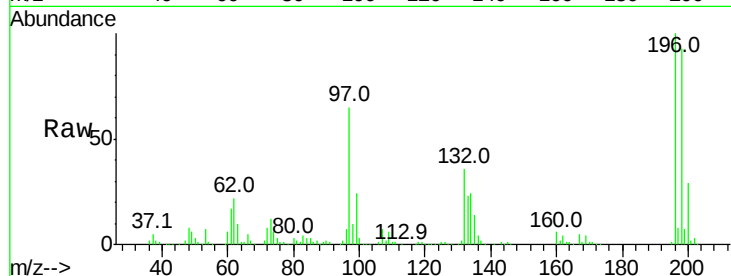
Ion 200.00 (199.70 to 200.70): E





#43
 2,4,5-Trichlorophenol
 Concen: 46.71 ng
 RT: 9.10 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: BF086031.D
 Acq: 3 Apr 2016 00:28

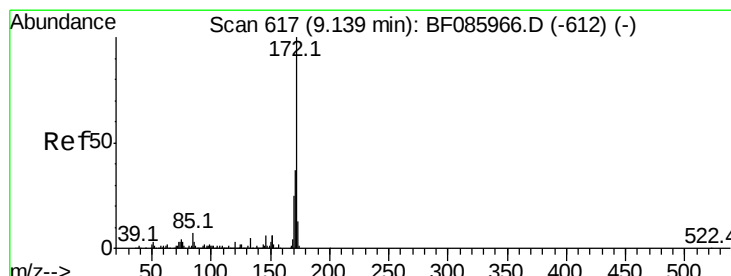
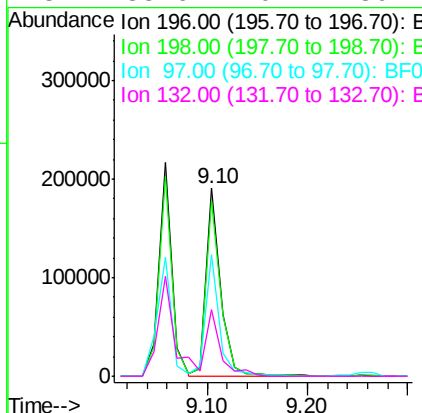
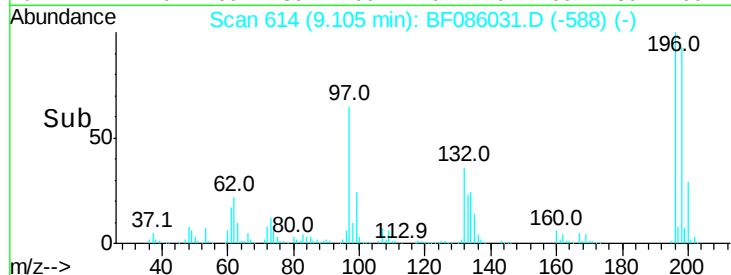
Instrument :
 BNA_F
 ClientSampleId :
 SB-COMPMS



Tot Ion	Ratio	Resp	Lower	Upper
196	100	190728		
198	93.4	76.6	114.8	
97	64.6	30.5	45.7#	
132	35.6	20.2	30.2#	

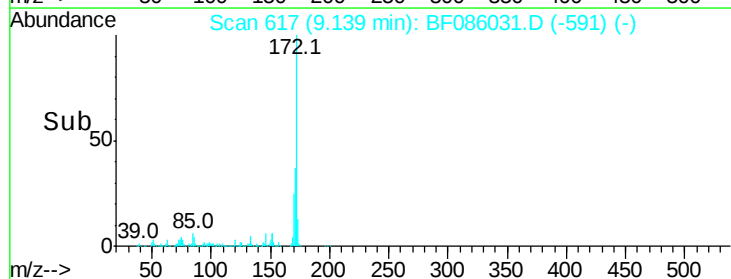
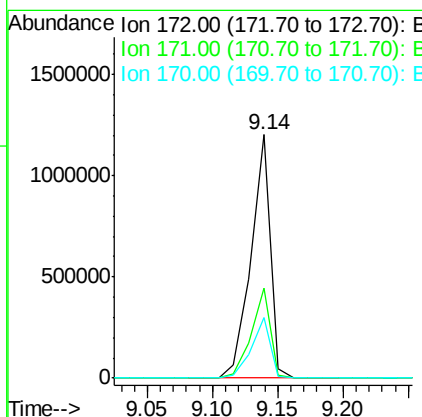
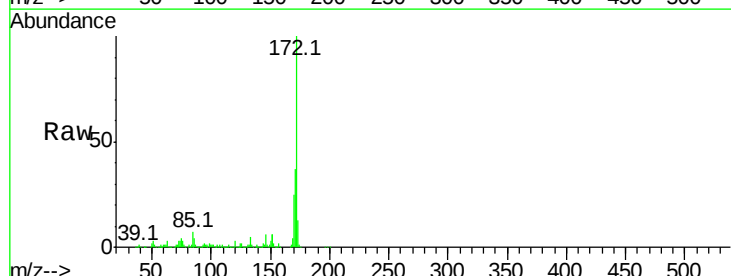
Manual Integrations
 APPROVED

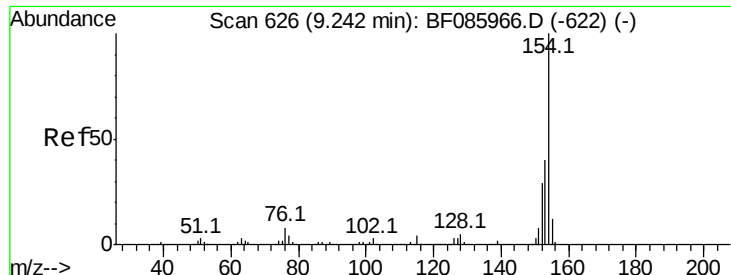
Sohil
 4/4/2016 7:46:31 PM



#44
 2-Fluorobiphenyl
 Concen: 98.80 ng
 RT: 9.14 min Scan# 617
 Delta R.T. 0.00 min
 Lab File: BF086031.D
 Acq: 3 Apr 2016 00:28

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1238139		
171	36.8	29.4	44.2	
170	24.8	19.8	29.6	





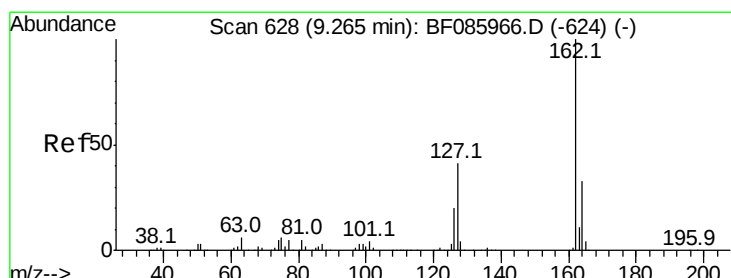
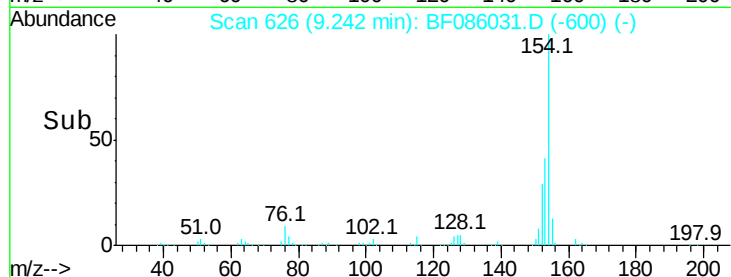
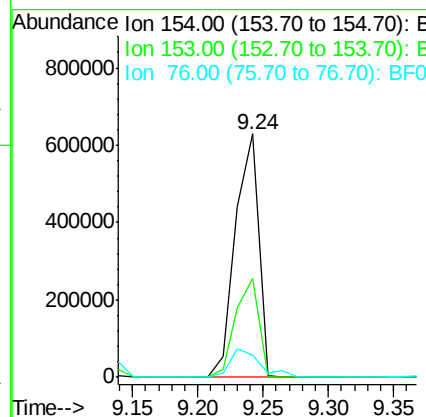
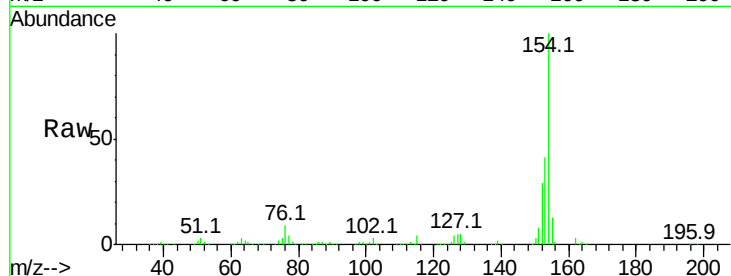
#45
 1,1'-Biphenyl
 Concen: 43.22 ng
 RT: 9.24 min Scan# 626
 Delta R.T. 0.00 min
 Lab File: BF086031.D
 Acq: 3 Apr 2016 00:28

Instrument :
 BNA_F
 ClientSampleId :
 SB-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
154	100	776513		
153	40.6	20.8	60.8	
76	8.9	0.0	36.7	

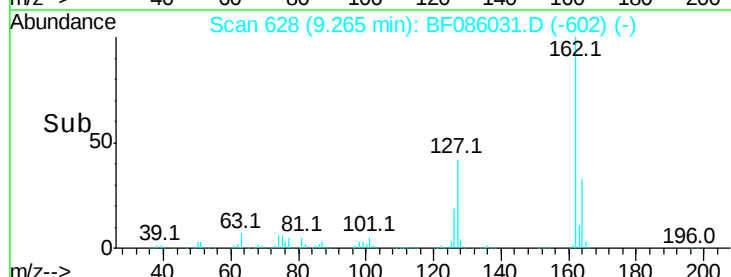
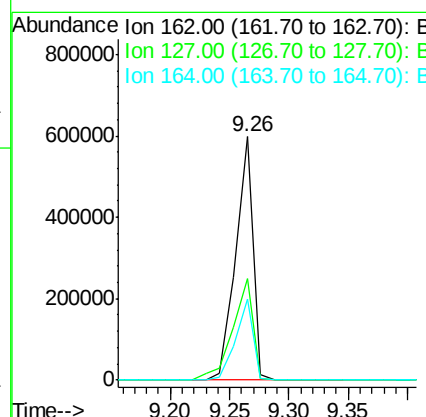
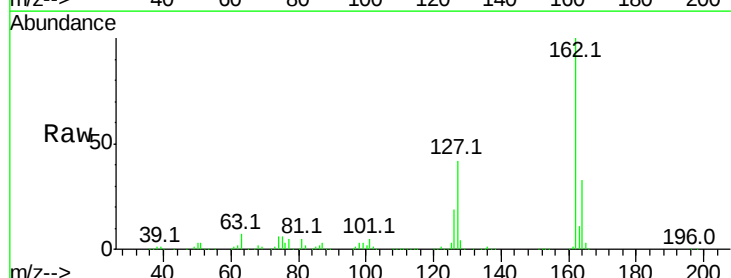
Manual Integrations
 APPROVED

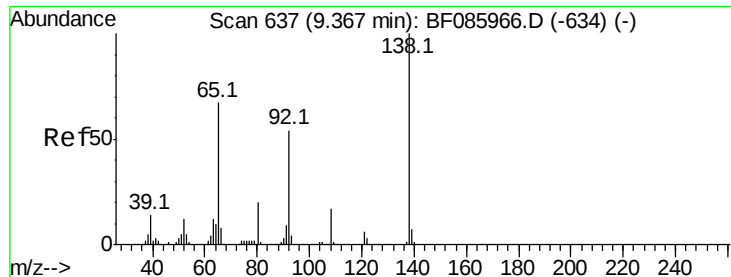
Sohil
 4/4/2016 7:46:31 PM



#46
 2-Chloronaphthalene
 Concen: 46.73 ng
 RT: 9.26 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF086031.D
 Acq: 3 Apr 2016 00:28

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	608561		
127	41.6	31.7	47.5	
164	33.4	27.3	40.9	





#47

2-Nitroaniline

Concen: 51.16 ng

RT: 9.37 min Scan# 637

Delta R.T. 0.00 min

Lab File: BF086031.D

Acq: 3 Apr 2016 00:28

Instrument :

BNA_F

ClientSampleId :

SB-COMPMS

Tot Ion: 65 Resp: 194931

Ion Ratio Lower Upper

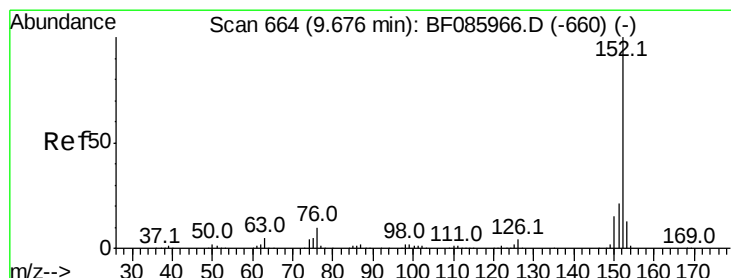
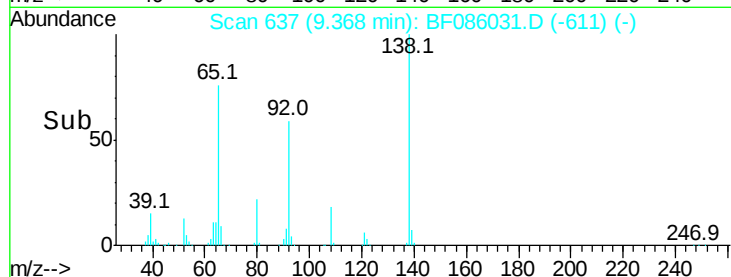
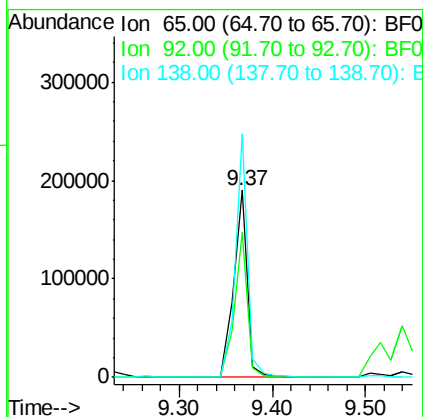
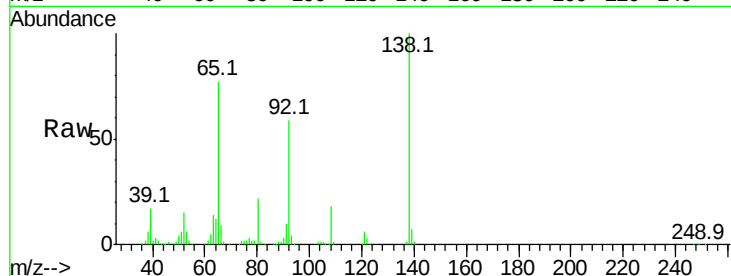
65 100

92 77.3 59.7 89.5

138 130.3 91.4 137.0

Manual Integrations
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#48

Acenaphthylene

Concen: 45.48 ng

RT: 9.68 min Scan# 664

Delta R.T. 0.00 min

Lab File: BF086031.D

Acq: 3 Apr 2016 00:28

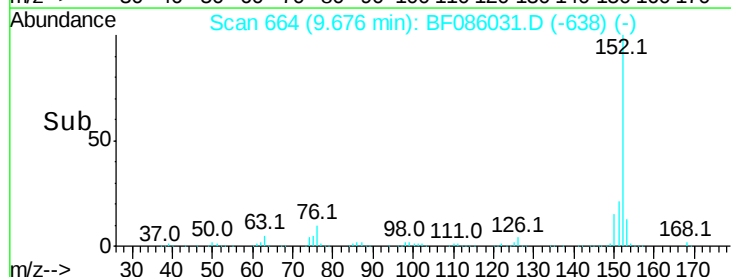
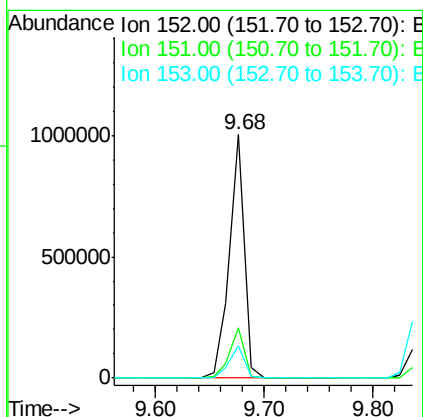
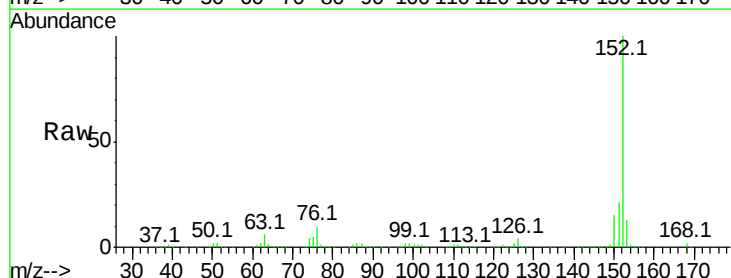
Tgt Ion: 152 Resp: 948748

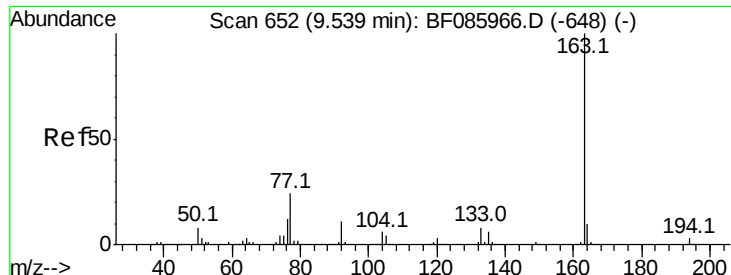
Ion Ratio Lower Upper

152 100

151 20.7 16.8 25.2

153 13.3 10.9 16.3





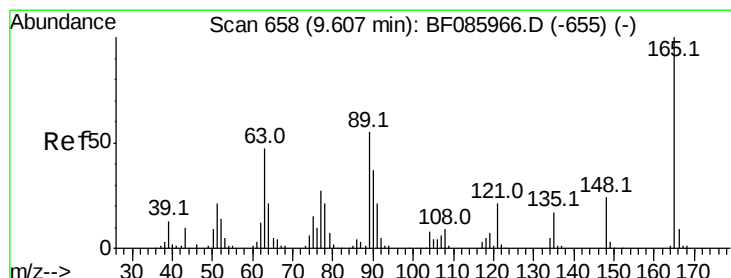
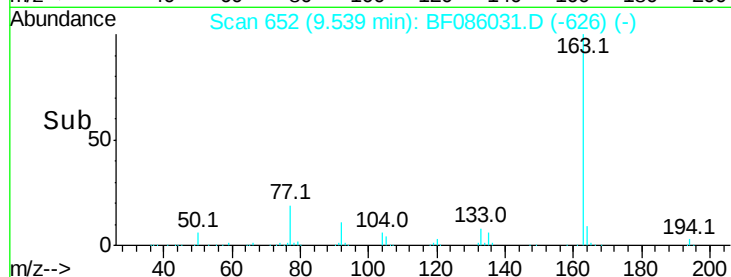
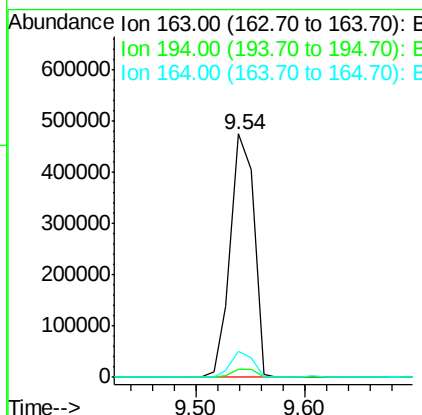
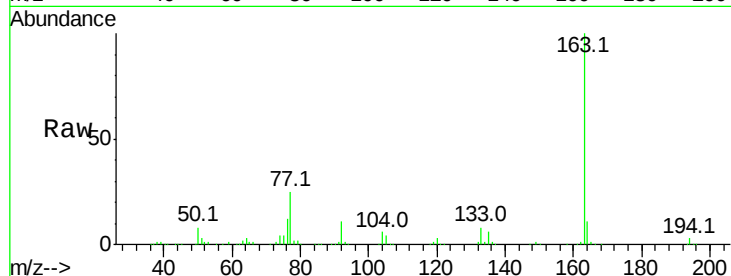
#49
Dimethylphthalate
Concen: 46.01 ng
RT: 9.54 min Scan# 652
Delta R.T. 0.00 min
Lab File: BF086031.D
Acq: 3 Apr 2016 00:28

Instrument :
BNA_F
ClientSampleId :
SB-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	710565		
194	3.3		2.9	4.3
164	10.7		8.3	12.5

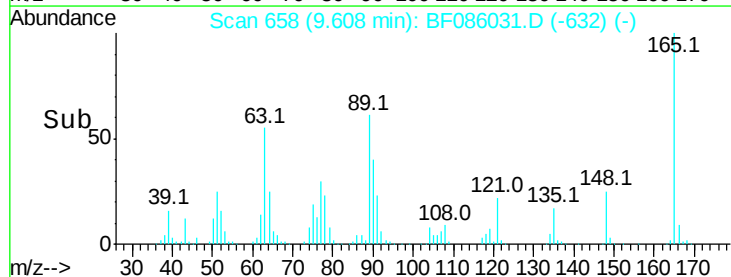
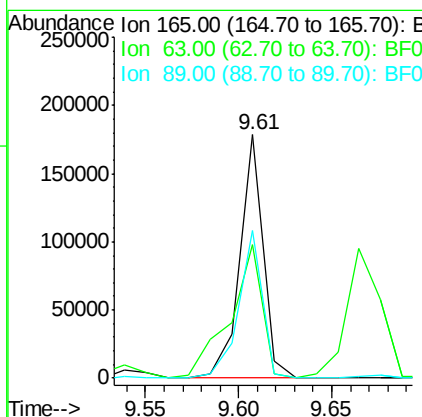
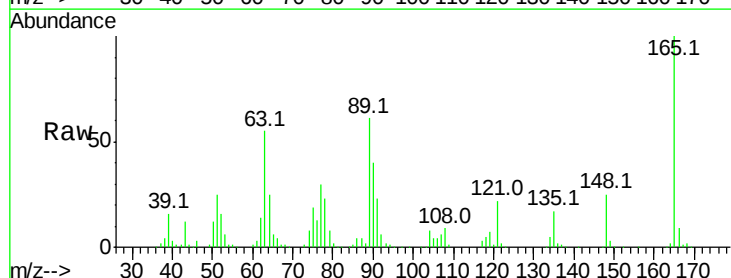
Manual Integrations
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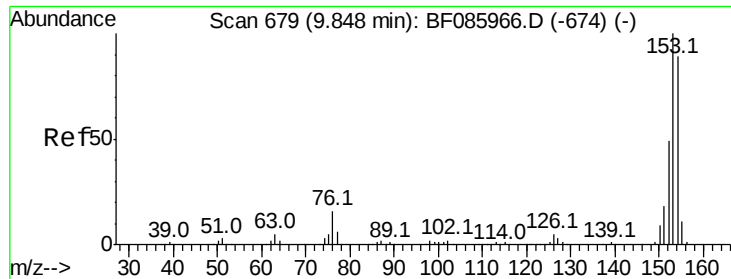
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#50
2,6-Dinitrotoluene
Concen: 47.72 ng
RT: 9.61 min Scan# 658
Delta R.T. 0.00 min
Lab File: BF086031.D
Acq: 3 Apr 2016 00:28

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	155925		
63	54.8		51.8	77.8
89	60.7		53.7	80.5





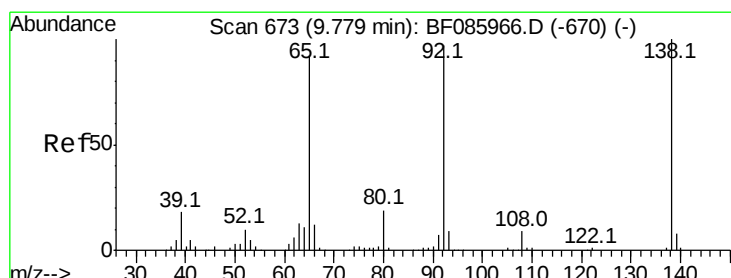
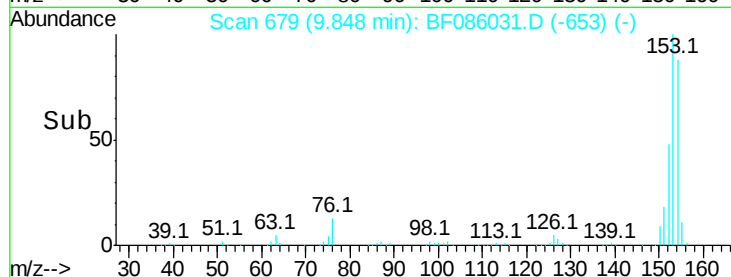
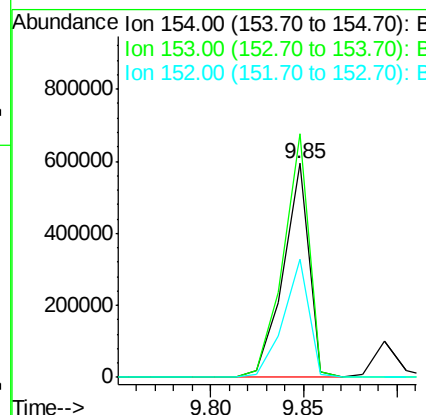
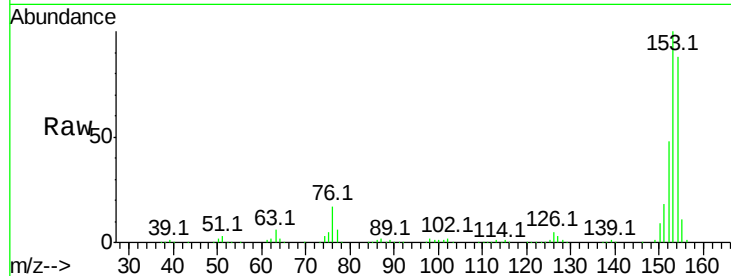
#51
Acenaphthene
Concen: 46.22 ng
RT: 9.85 min Scan# 679
Delta R.T. 0.00 min
Lab File: BF086031.D
Acq: 3 Apr 2016 00:28

Instrument :
BNA_F
ClientSampleId :
SB-COMPMS

Tot Ion	Ratio	Lower	Upper
154	100		
153	114.0	90.1	135.1
152	55.2	44.2	66.2

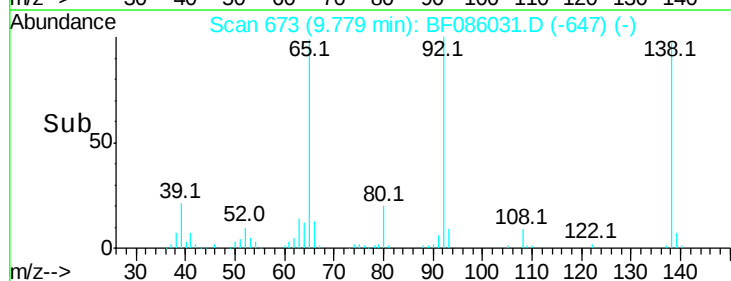
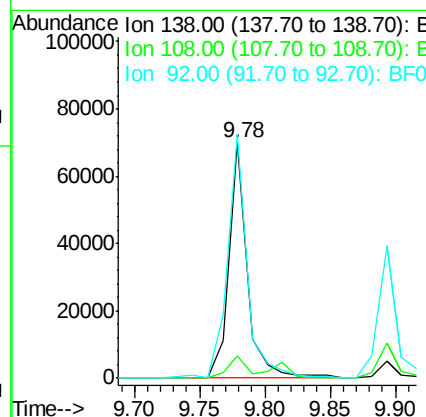
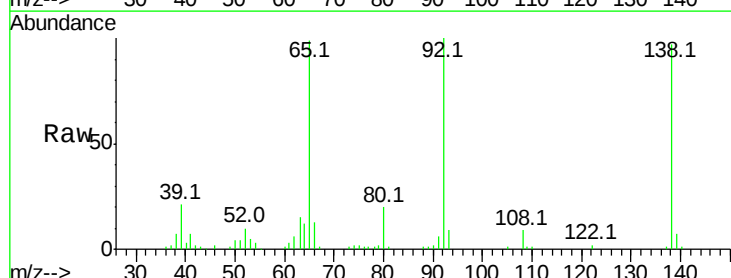
Manual Integrations
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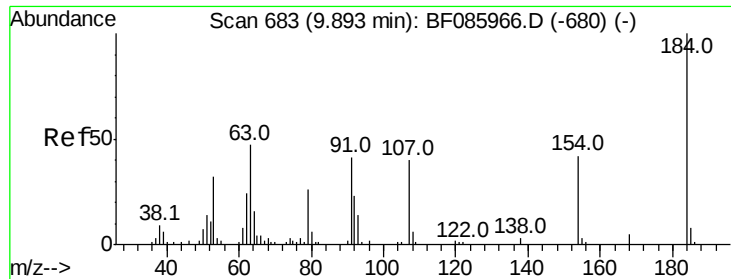
Sohil
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#52
3-Nitroaniline
Concen: 17.58 ng
RT: 9.78 min Scan# 673
Delta R.T. 0.00 min
Lab File: BF086031.D
Acq: 3 Apr 2016 00:28

Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.6	8.7	13.1
92	103.3	93.3	139.9





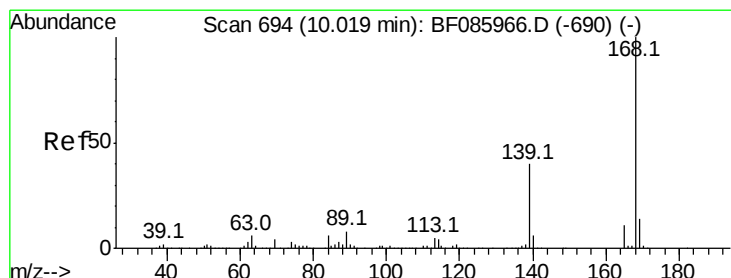
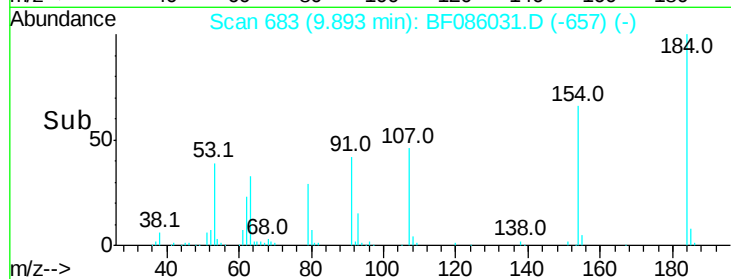
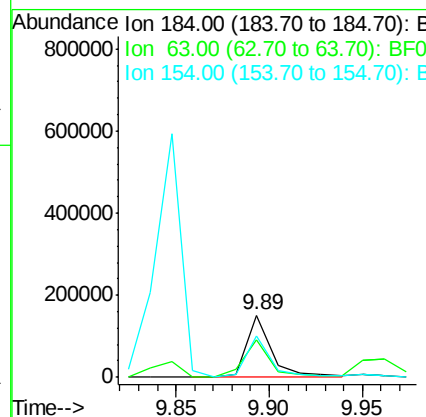
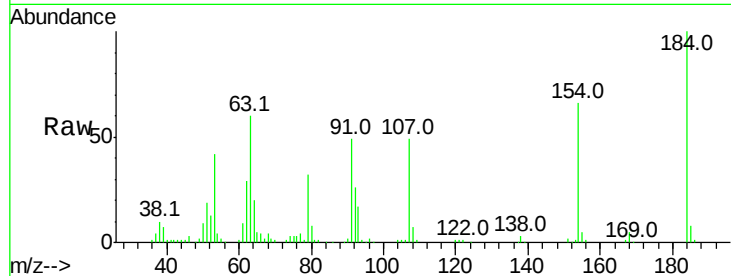
#53
 2,4-Dinitrophenol
 Concen: 68.40 ng
 RT: 9.89 min Scan# 683
 Delta R.T. 0.00 min
 Lab File: BF086031.D
 Acq: 3 Apr 2016 00:28

Instrument :
 BNA_F
 ClientSampleId :
 SB-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	142499		
63	59.8	69.5	104.3#	
154	66.3	58.3	87.5	

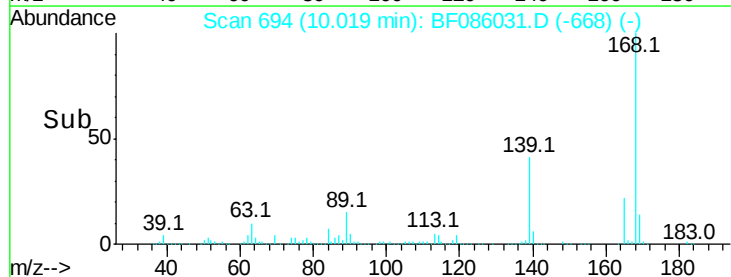
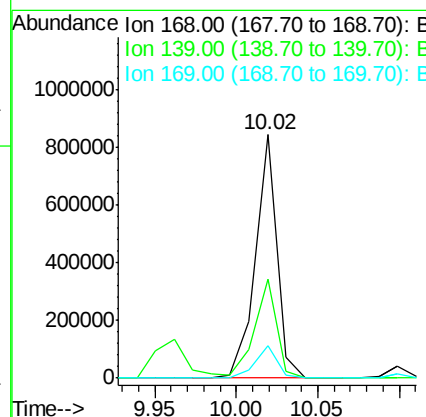
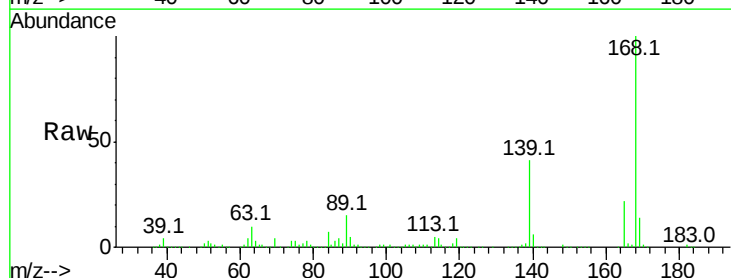
Manual Integrations
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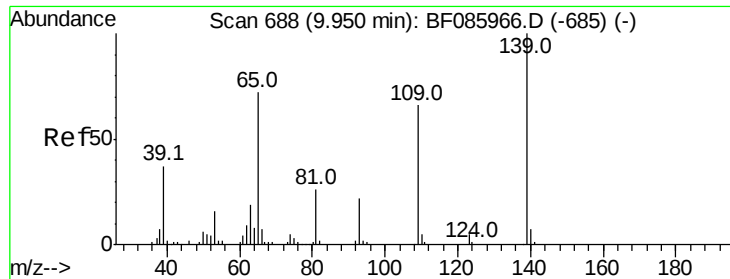
Sohil
 4/4/2016 7:46:31 PM



#54
 Dibenzofuran
 Concen: 47.15 ng
 RT: 10.02 min Scan# 694
 Delta R.T. 0.00 min
 Lab File: BF086031.D
 Acq: 3 Apr 2016 00:28

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	772577		
139	40.8	31.9	47.9	
169	13.6	11.0	16.6	





#55

4-Nitrophenol

Concen: 82.89 ng

RT: 9.96 min Scan# 689

Delta R.T. 0.01 min

Lab File: BF086031.D

Acq: 3 Apr 2016 00:28

Instrument :

BNA_F

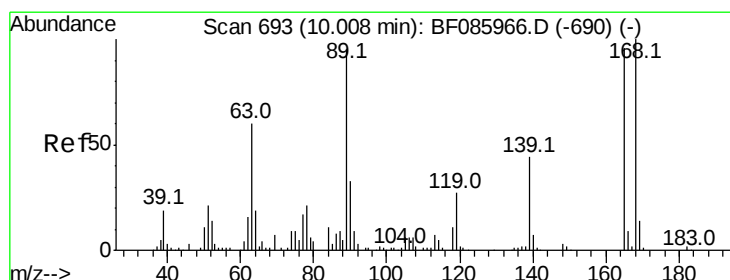
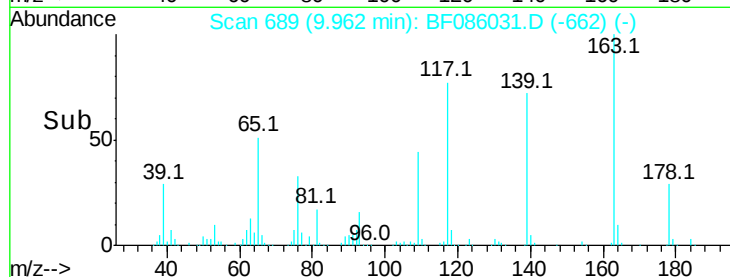
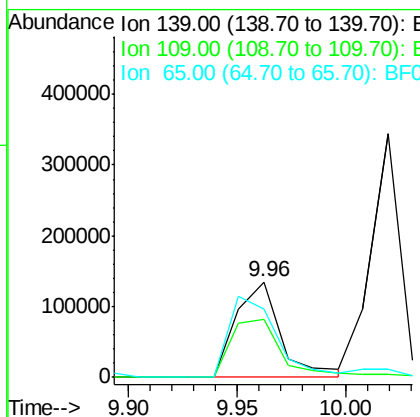
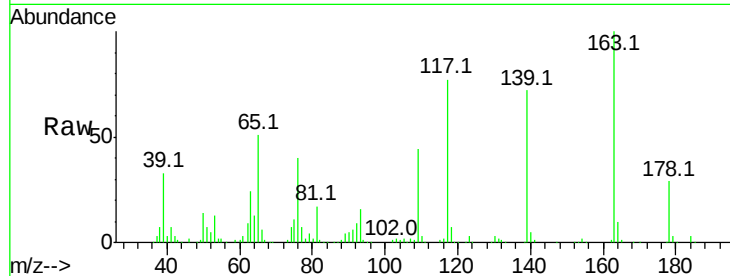
ClientSampleId :

SB-COMPMS

Tot Ion:	139	Resp:	192430
Ion Ratio	Lower	Upper	
139	100		
109	61.3	49.2	89.2
65	71.3	66.9	106.9

Manual Integrations
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#56

2,4-Dinitrotoluene

Concen: 48.81 ng

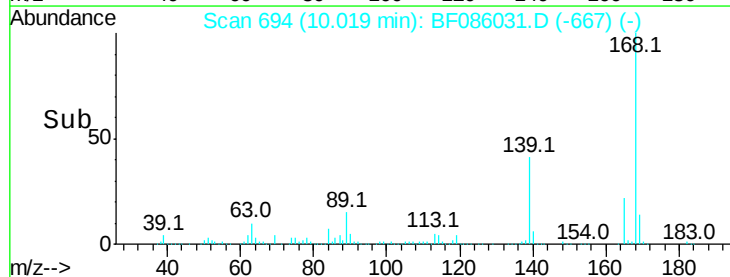
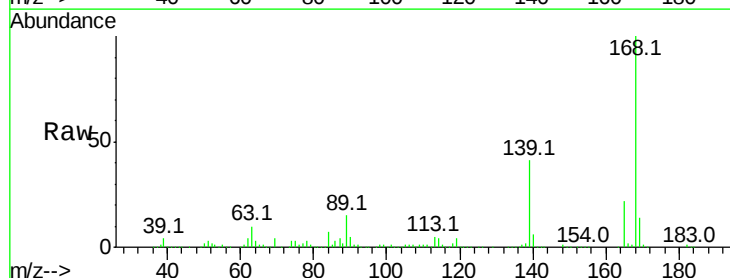
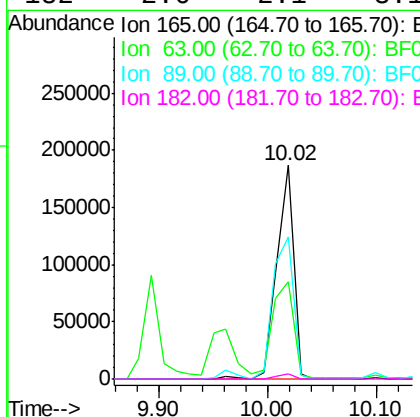
RT: 10.02 min Scan# 694

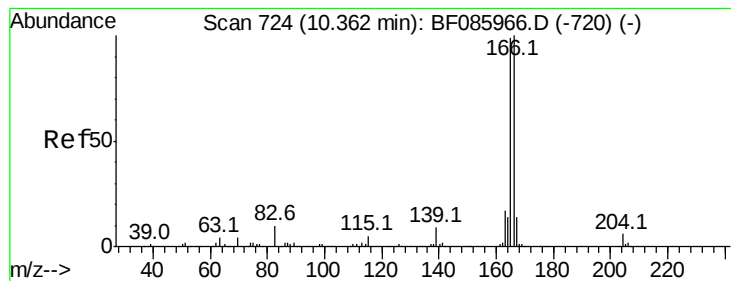
Delta R.T. 0.01 min

Lab File: BF086031.D

Acq: 3 Apr 2016 00:28

Tgt Ion:	165	Resp:	201522
Ion Ratio	Lower	Upper	
165	100		
63	45.7	24.9	37.3#
89	66.7	41.0	61.6#
182	2.6	2.1	3.1





#57

Fluorene

Concen: 45.98 ng

RT: 10.36 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF086031.D

Acq: 3 Apr 2016 00:28

Instrument :

BNA_F

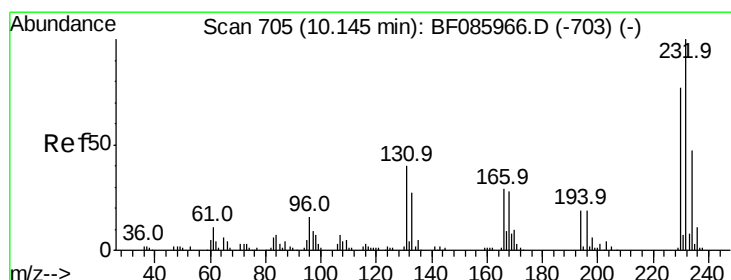
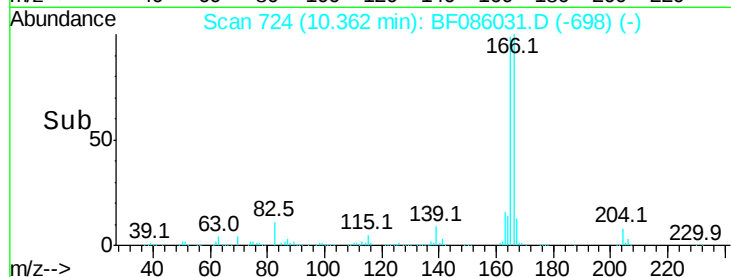
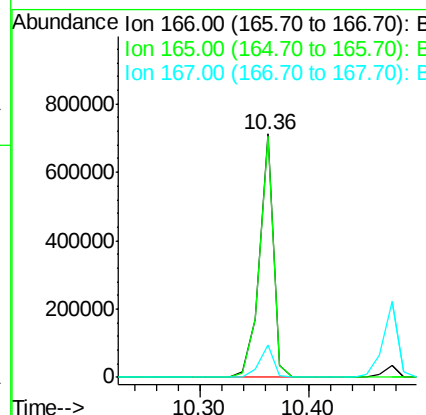
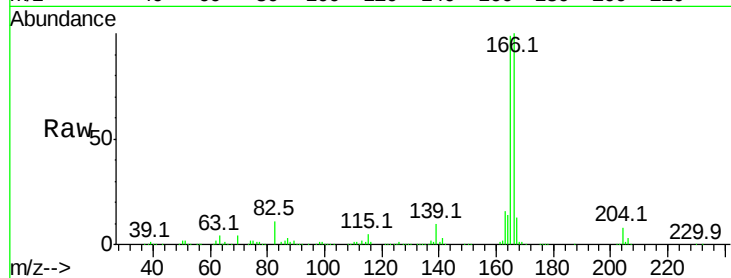
ClientSampleId :

SB-COMPMS

Manual Integrations
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Tot Ion:	166	Resp:	643651
Ion Ratio	Lower	Upper	
166	100		
165	99.0	79.4	119.0
167	13.4	11.0	16.4



#58

2,3,4,6-Tetrachlorophenol

Concen: 49.69 ng

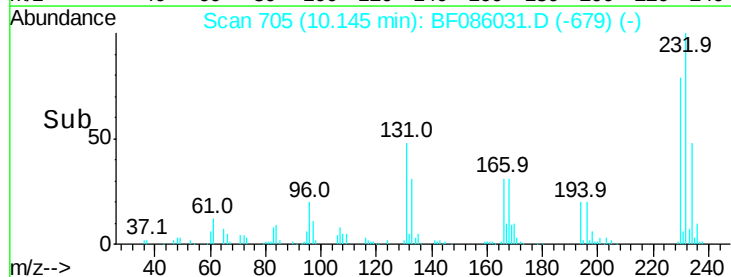
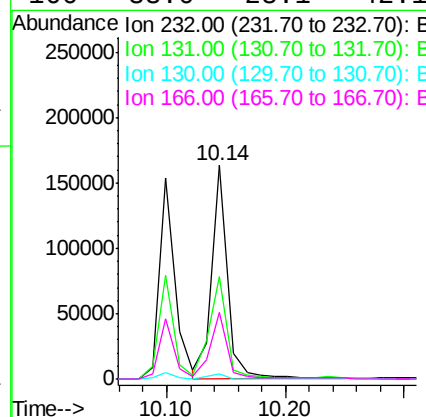
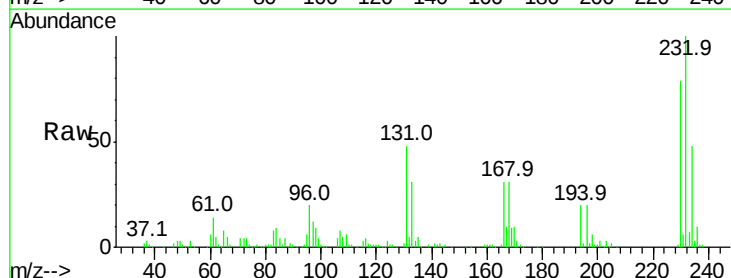
RT: 10.14 min Scan# 705

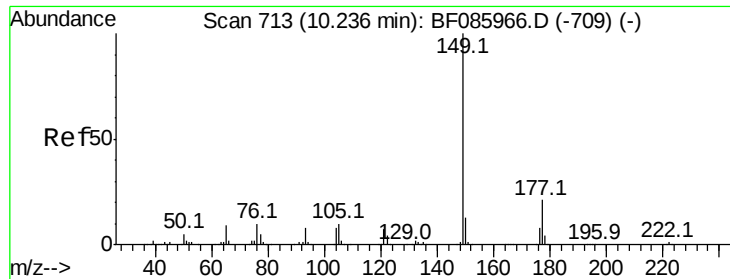
Delta R.T. 0.00 min

Lab File: BF086031.D

Acq: 3 Apr 2016 00:28

Tgt Ion:	232	Resp:	151064
Ion Ratio	Lower	Upper	
232	100		
131	55.5	44.9	67.3
130	2.7	2.3	3.5
166	33.0	28.1	42.1





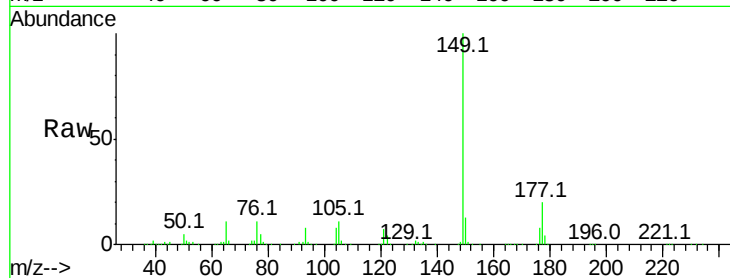
#59
Diethylphthalate
Concen: 44.63 ng
RT: 10.24 min Scan# 713
Delta R.T. 0.00 min
Lab File: BF086031.D
Acq: 3 Apr 2016 00:28

Instrument :
BNA_F
ClientSampleId :
SB-COMPMS

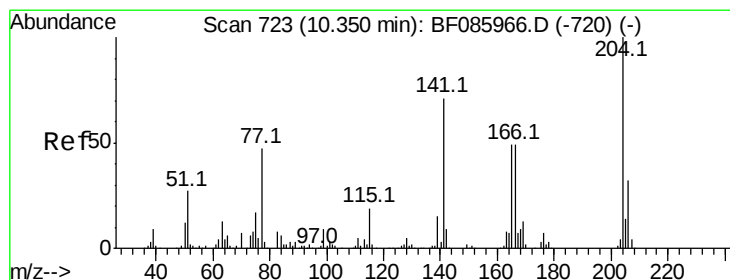
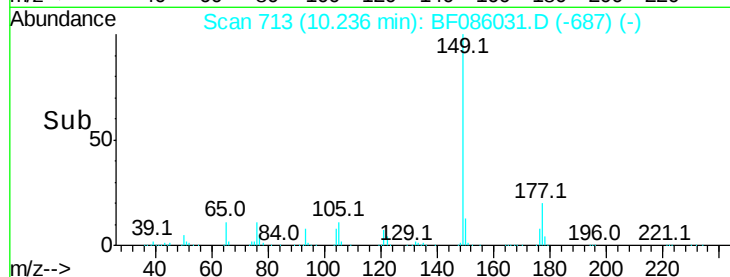
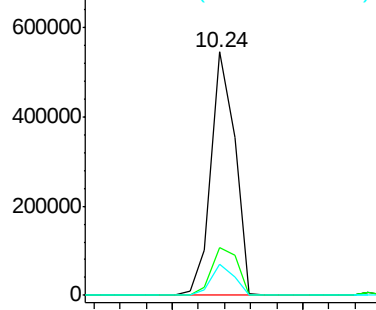
Tot Ion	Ratio	Resp	Lower	Upper
149	100	695597		
177	19.9		17.9	26.9
150	12.7		10.2	15.2

Manual Integrations
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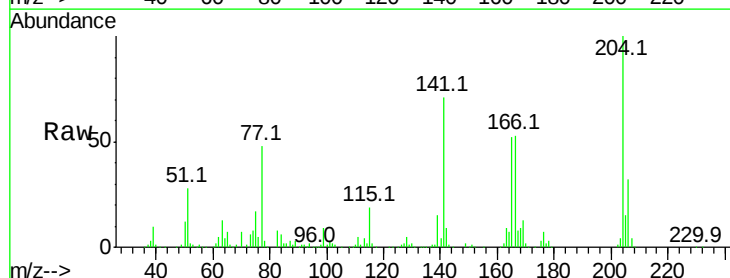


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

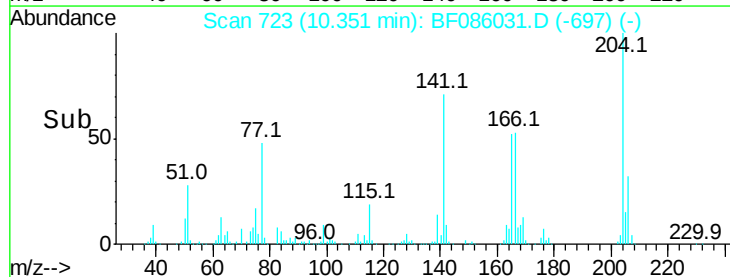
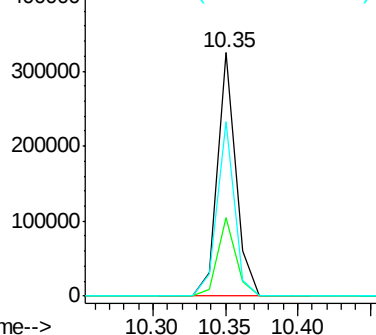


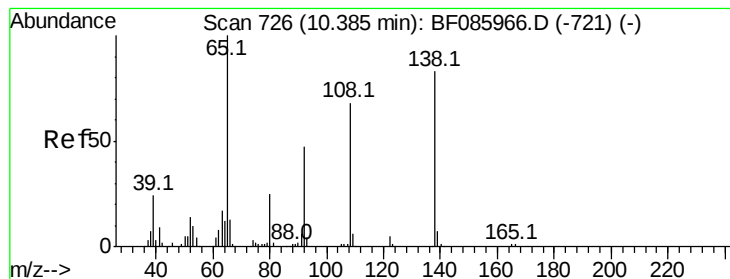
#60
4-Chlorophenyl-phenylether
Concen: 43.88 ng
RT: 10.35 min Scan# 723
Delta R.T. 0.00 min
Lab File: BF086031.D
Acq: 3 Apr 2016 00:28

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	286103		
206	32.1		26.6	39.8
141	71.4		57.4	86.0



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





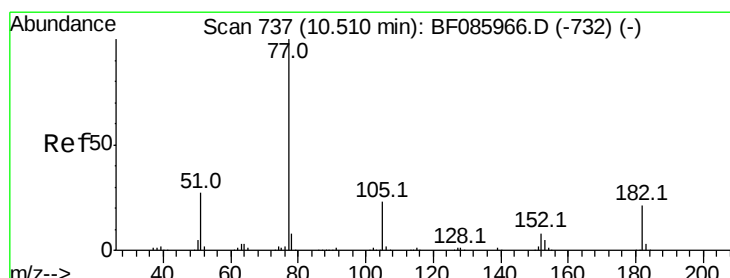
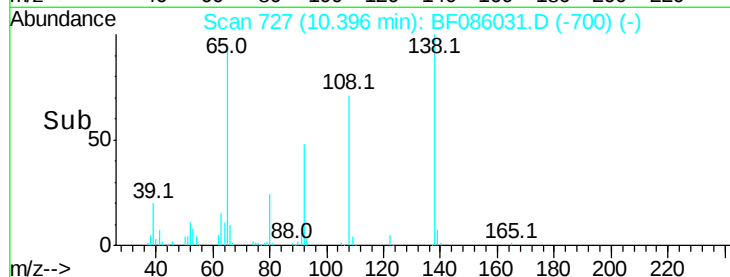
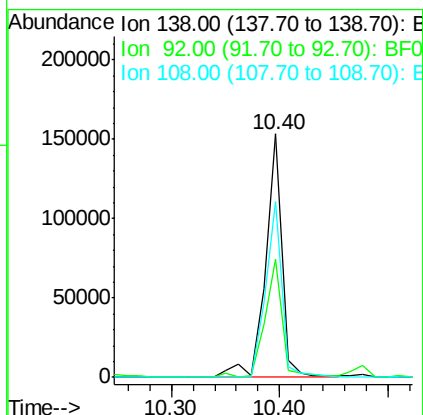
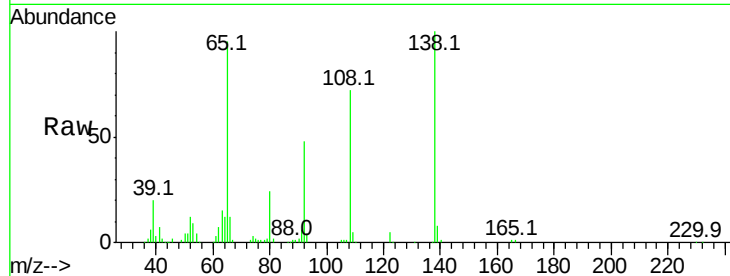
#61
4-Nitroaniline
Concen: 42.21 ng
RT: 10.40 min Scan# 727
Delta R.T. 0.01 min
Lab File: BF086031.D
Acq: 3 Apr 2016 00:28

Instrument :
BNA_F
ClientSampleId :
SB-COMPMS

Tot Ion	Ratio	Lower	Upper
138	100		
92	48.4	26.4	66.4
108	71.9	49.0	89.0

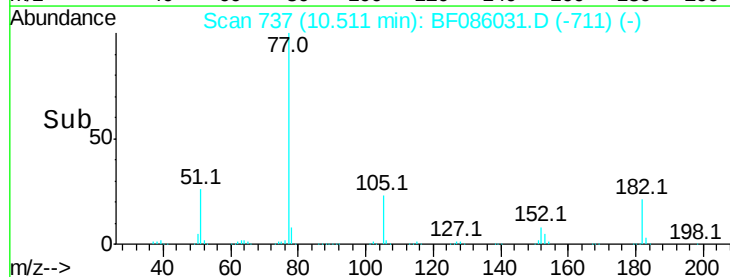
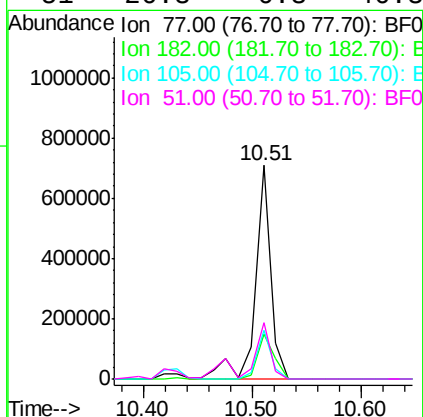
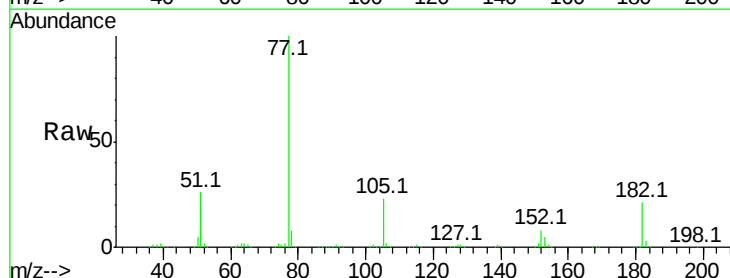
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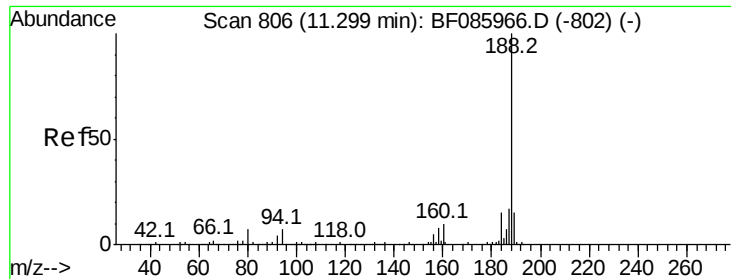
Sohil
4/4/2016 7:46:31 PM



#62
Azobenzene
Concen: 47.88 ng
RT: 10.51 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF086031.D
Acq: 3 Apr 2016 00:28

Tgt Ion	Ratio	Lower	Upper
77	100		
182	21.0	1.9	41.9
105	22.7	3.5	43.5
51	26.3	6.3	46.3





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.30 min Scan# 806

Delta R.T. 0.00 min

Lab File: BF086031.D

Acq: 3 Apr 2016 00:28

Instrument :

BNA_F

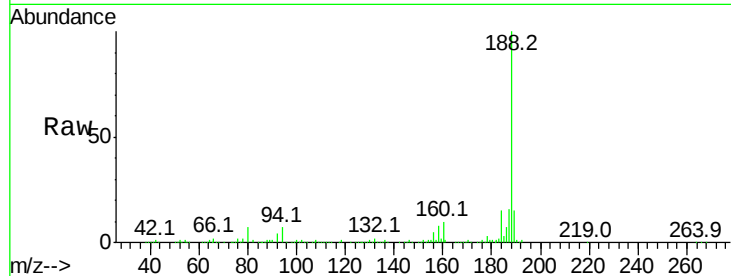
ClientSampleId :

SB-COMPMS

Tot Ion:188	Resp:	374859
Ion Ratio	Lower	Upper
188 100		
94 7.0	5.4	8.0
80 7.0	5.5	8.3

Manual Integrations
APPROVED

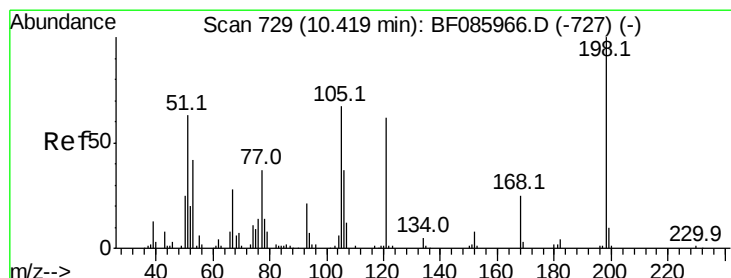
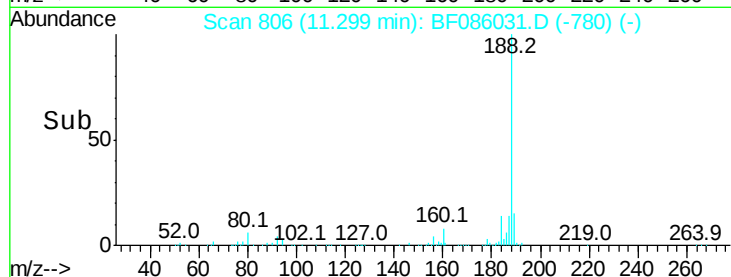
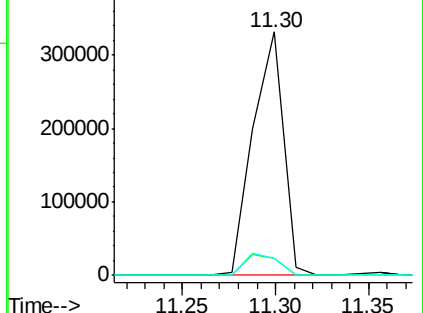
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Abundance Ion 188.00 (187.70 to 188.70): E

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: 42.91 ng

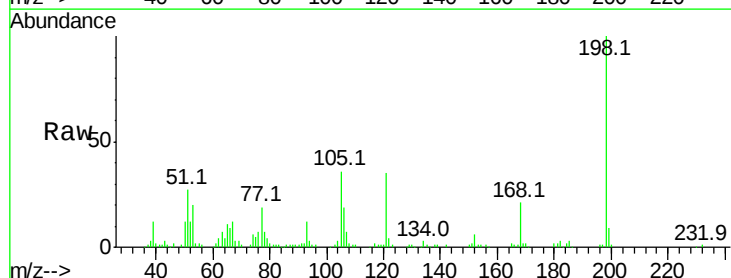
RT: 10.43 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF086031.D

Acq: 3 Apr 2016 00:28

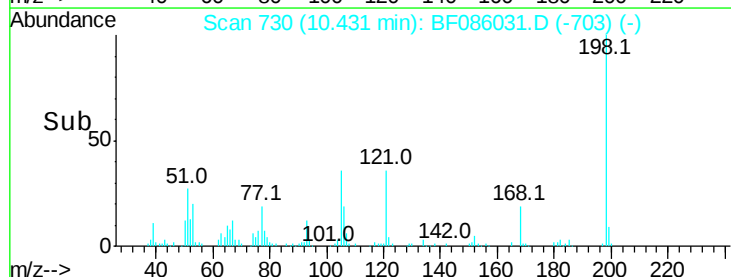
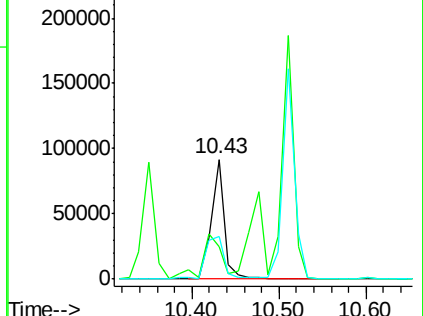
Tgt Ion:198	Resp:	97467
Ion Ratio	Lower	Upper
198 100		
51 27.2	45.4	85.4#
105 35.9	45.9	85.9#

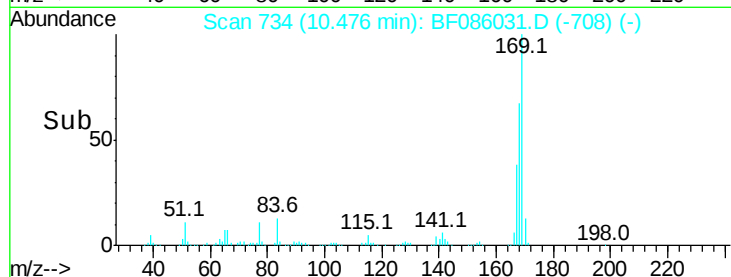
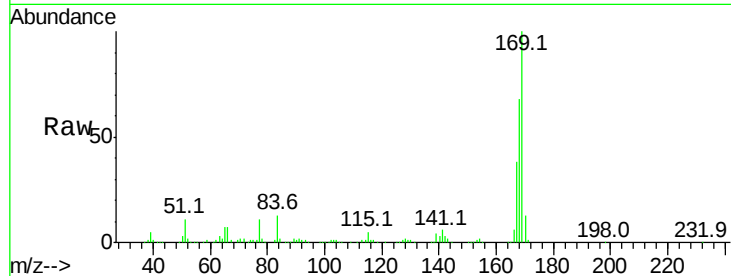
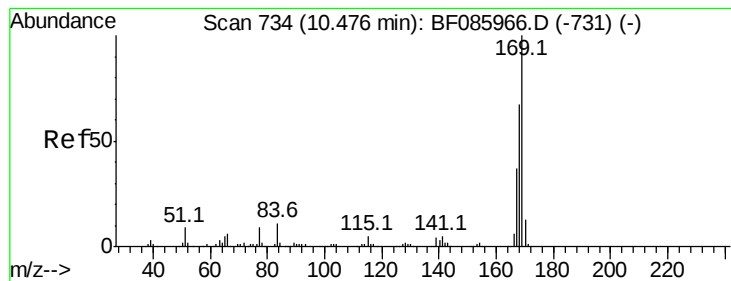


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





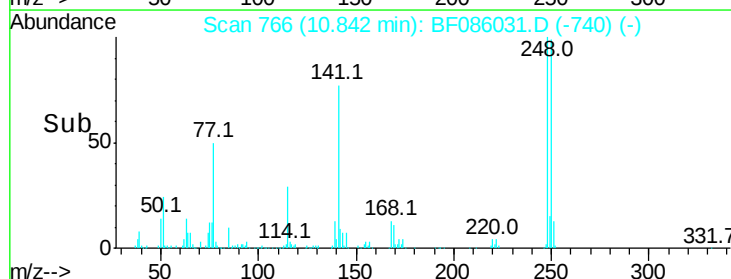
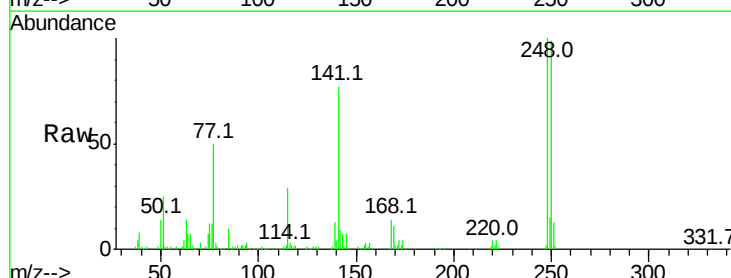
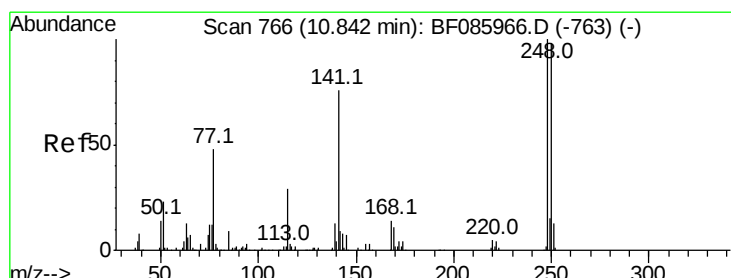
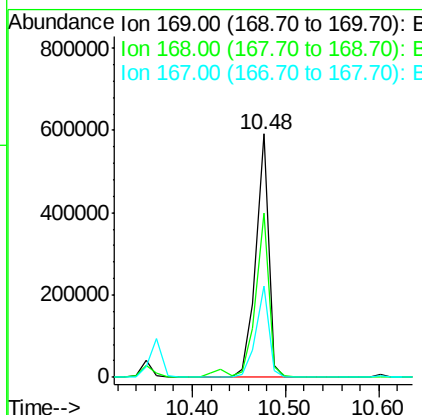
#65
n-Nitrosodiphenylamine
Concen: 48.43 ng
RT: 10.48 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF086031.D
Acq: 3 Apr 2016 00:28

Tot Ion	Ratio	Resp	Lower	Upper
169	100	567739		
168	67.6		54.4	81.6
167	37.6		29.4	44.0

Instrument :
BNA_F
ClientSampleId :
SB-COMPMS

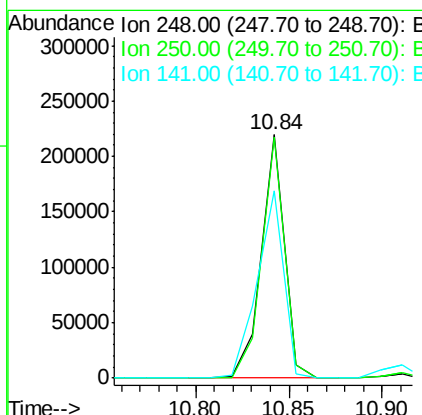
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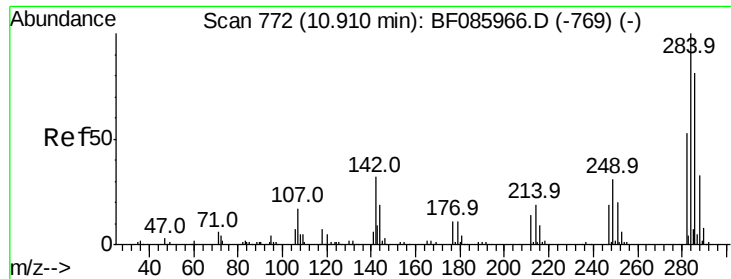
Sohil
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#66
4-Bromophenyl-phenylether
Concen: 48.75 ng
RT: 10.84 min Scan# 766
Delta R.T. 0.00 min
Lab File: BF086031.D
Acq: 3 Apr 2016 00:28

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	186559		
250	98.9		77.4	116.0
141	76.7		63.6	95.4





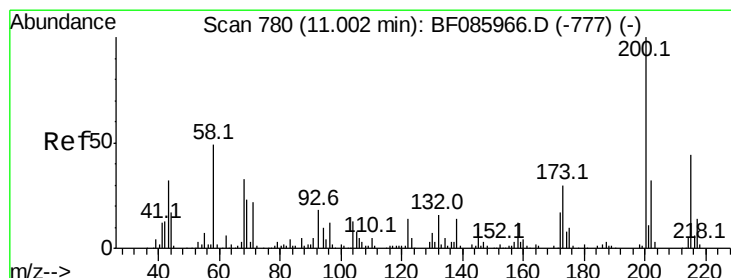
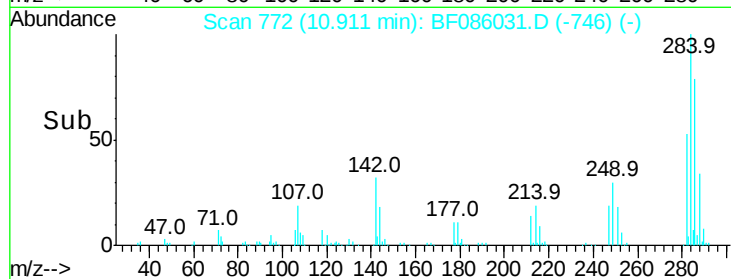
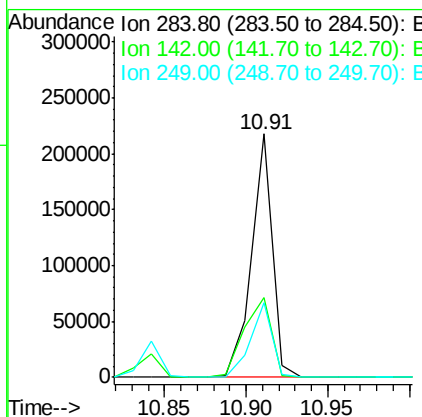
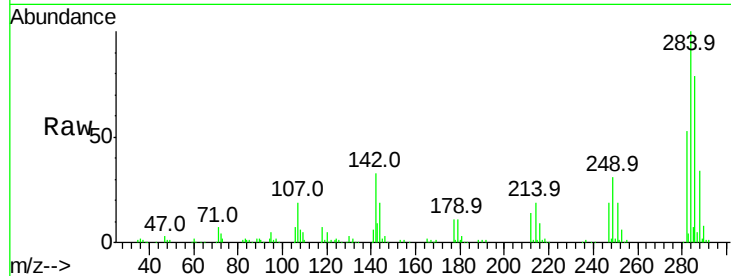
#67
Hexachlorobenzene
Concen: 48.65 ng
RT: 10.91 min Scan# 772
Delta R.T. 0.00 min
Lab File: BF086031.D
Acq: 3 Apr 2016 00:28

Instrument :
BNA_F
ClientSampleId :
SB-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	192552		
142	32.8	23.1	34.7	
249	30.8	24.2	36.2	

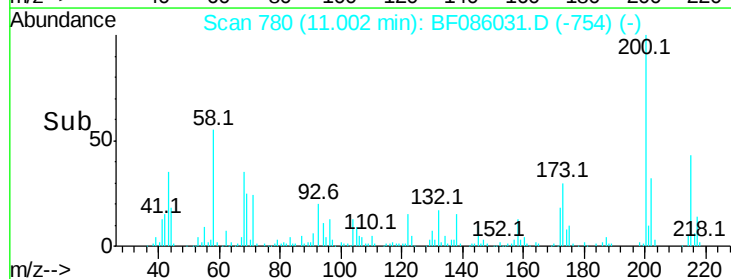
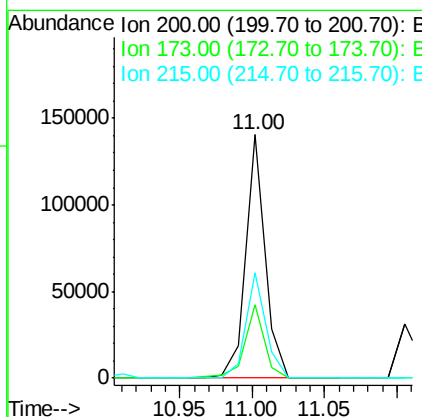
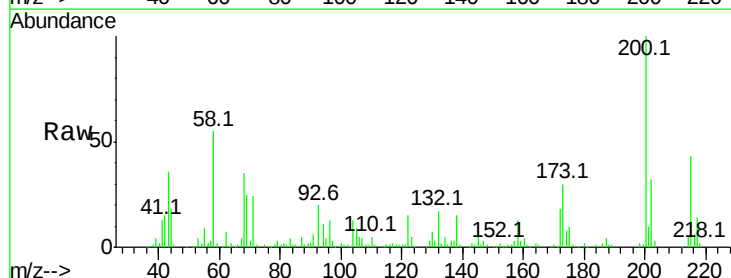
Manual Integrations
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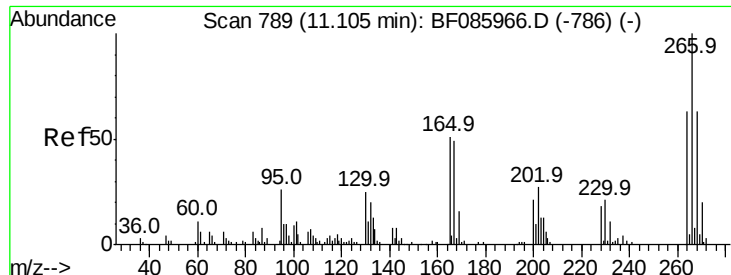
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#68
Atrazine
Concen: 34.50 ng
RT: 11.00 min Scan# 780
Delta R.T. 0.00 min
Lab File: BF086031.D
Acq: 3 Apr 2016 00:28

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	130676		
173	29.9	7.7	47.7	
215	43.3	25.4	65.4	





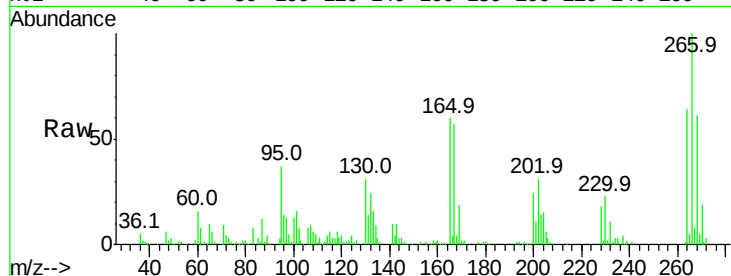
#69
 Pentachlorophenol
 Concen: 92.67 ng
 RT: 11.10 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF086031.D
 Acq: 3 Apr 2016 00:28

Instrument :
 BNA_F
 ClientSampleId :
 SB-COMPMS

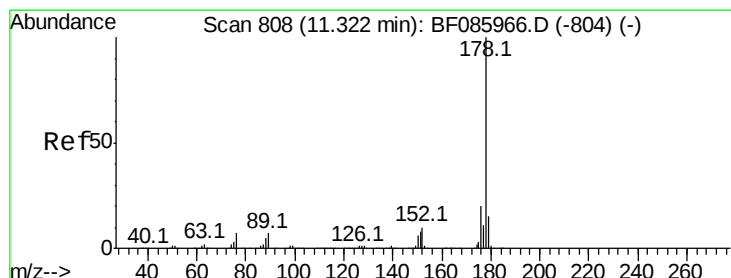
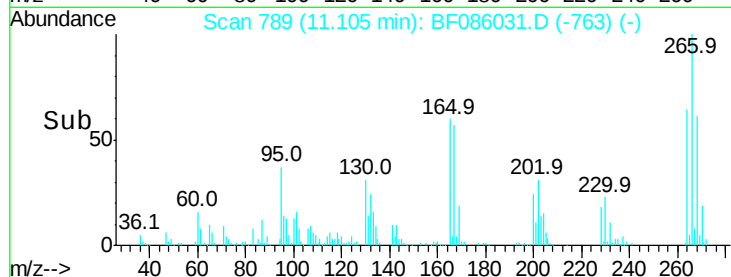
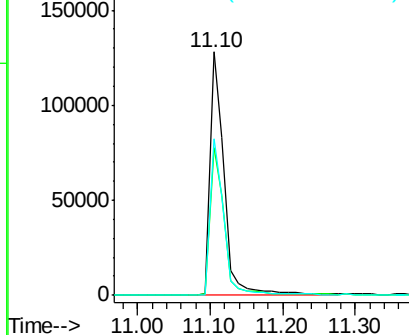
Tot Ion	Ratio	Resp	Lower	Upper
266	100	171887		
268	60.9	51.5	77.3	
264	64.1	50.6	76.0	

Manual Integrations
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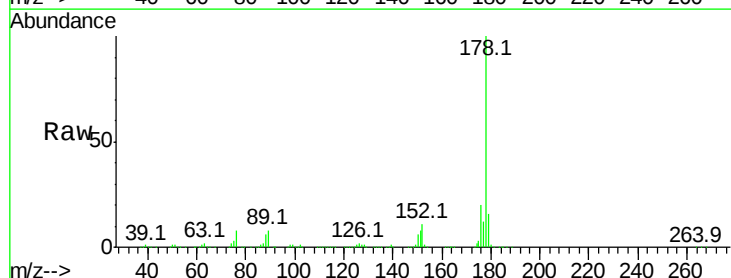


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

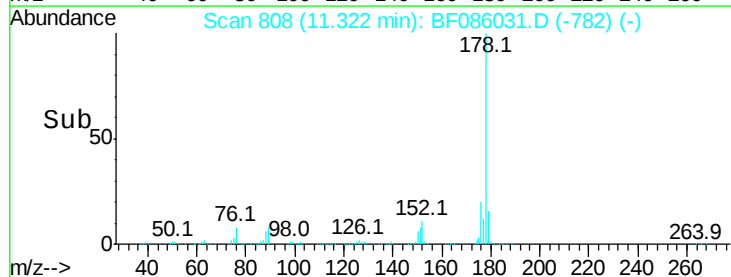
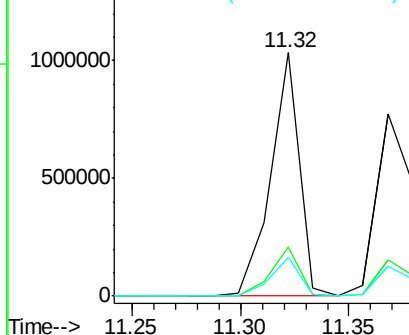


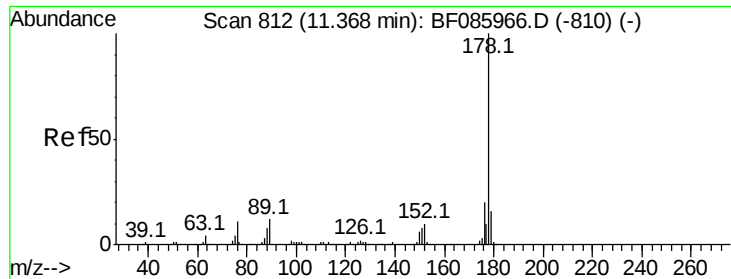
#70
 Phenanthrene
 Concen: 46.83 ng
 RT: 11.32 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF086031.D
 Acq: 3 Apr 2016 00:28

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	957684		
176	20.4	16.3	24.5	
179	15.9	12.6	18.8	



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





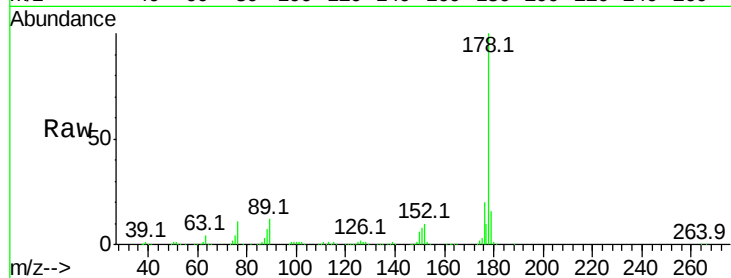
#71
 Anthracene
 Concen: 42.25 ng
 RT: 11.37 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF086031.D
 Acq: 3 Apr 2016 00:28

Instrument :
 BNA_F
 ClientSampleId :
 SB-COMPMS

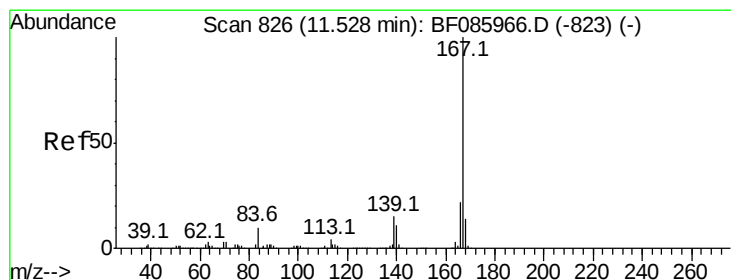
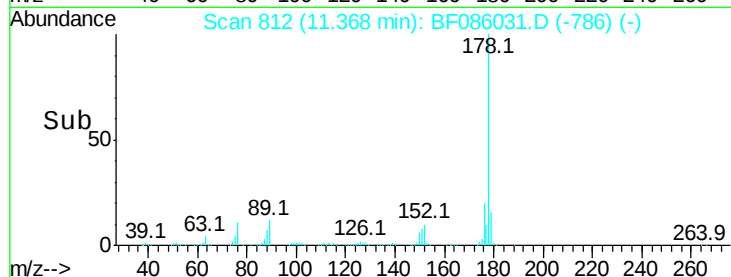
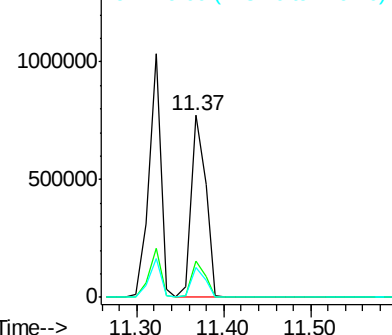
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.9	23.9
179	16.1	13.0	19.4

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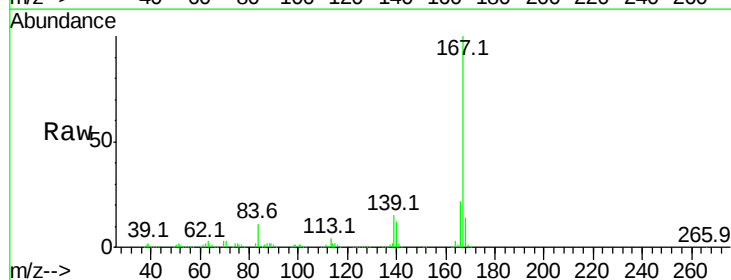


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

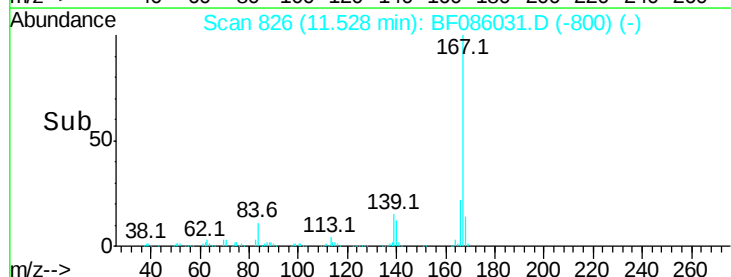
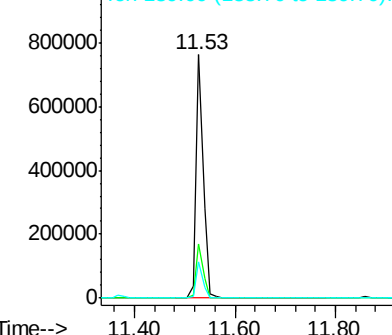


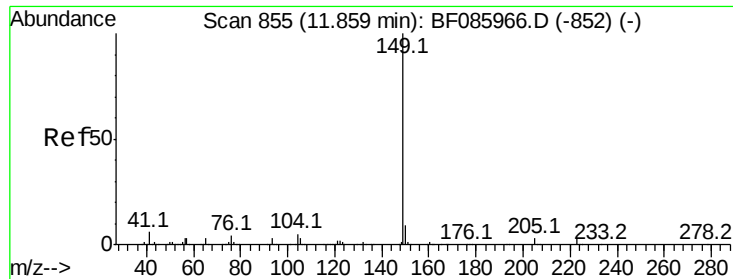
#72
 Carbazole
 Concen: 41.38 ng
 RT: 11.53 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: BF086031.D
 Acq: 3 Apr 2016 00:28

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.8	26.8
139	15.1	11.6	17.4



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 47.75 ng

RT: 11.86 min Scan# 855

Delta R.T. 0.00 min

Lab File: BF086031.D

Acq: 3 Apr 2016 00:28

Instrument :

BNA_F

ClientSampleId :

SB-COMPMS

Tot Ion:149 Resp: 1089490

Ion Ratio Lower Upper

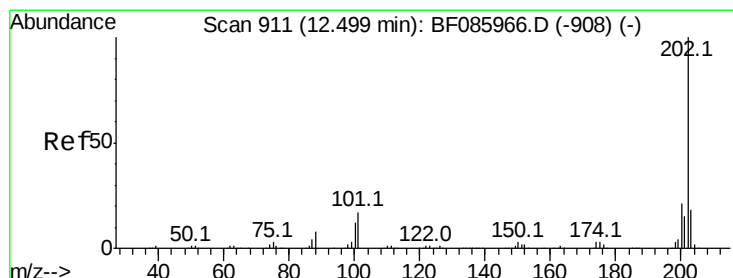
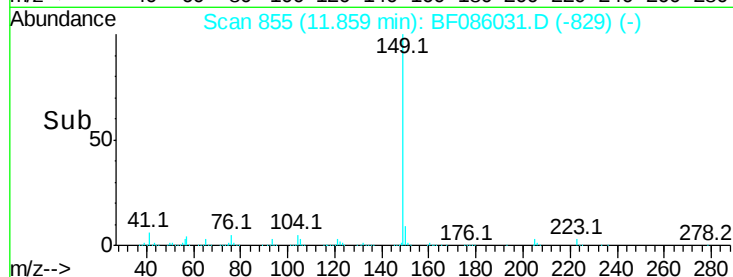
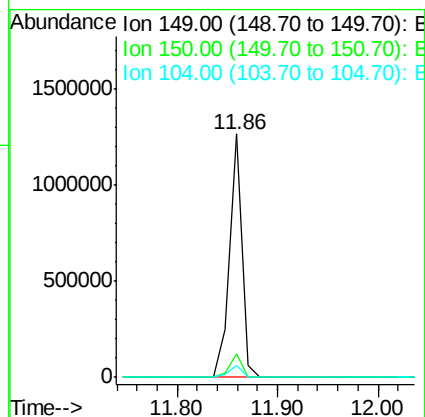
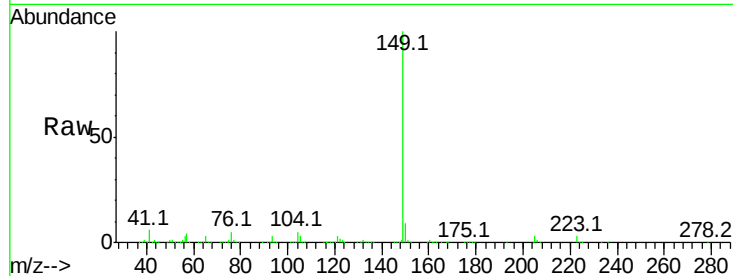
149 100

150 9.5 7.6 11.4

104 5.0 3.8 5.8

Manual Integrations
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#74

Fluoranthene

Concen: 39.99 ng

RT: 12.51 min Scan# 912

Delta R.T. 0.01 min

Lab File: BF086031.D

Acq: 3 Apr 2016 00:28

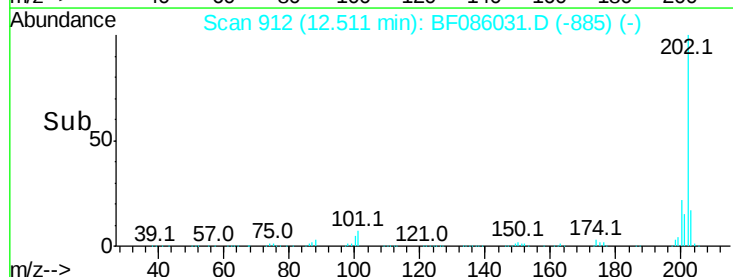
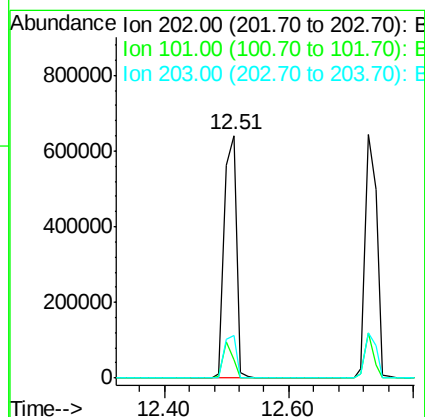
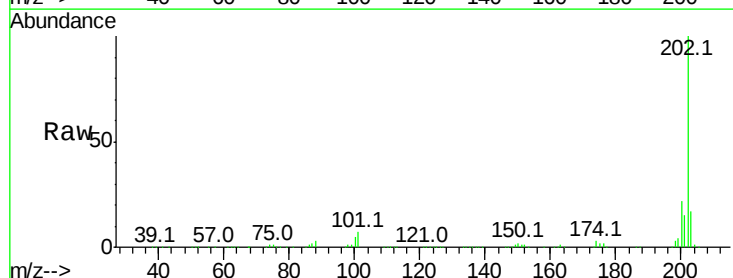
Tgt Ion:202 Resp: 850662

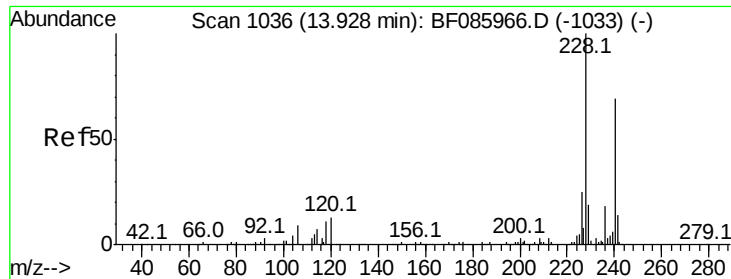
Ion Ratio Lower Upper

202 100

101 7.3 0.0 36.6

203 17.4 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.93 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF086031.D

Acq: 3 Apr 2016 00:28

Instrument :

BNA_F

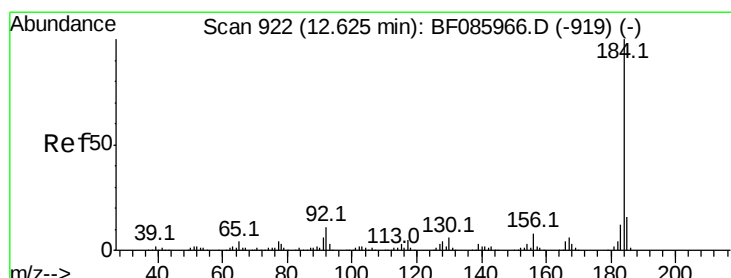
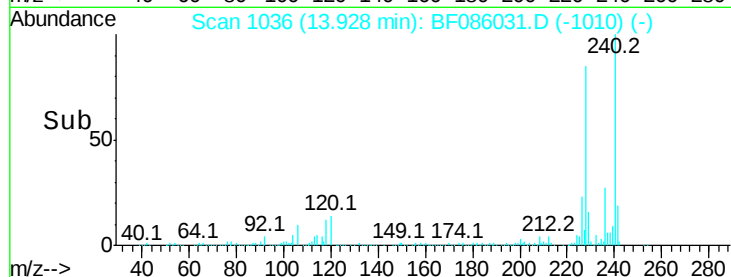
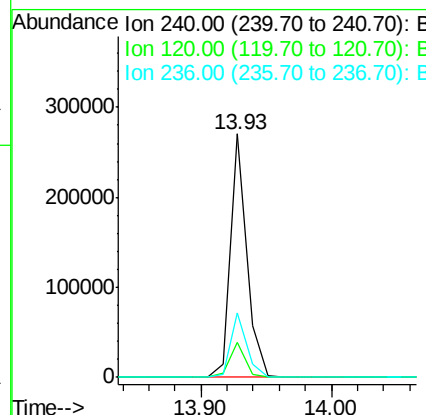
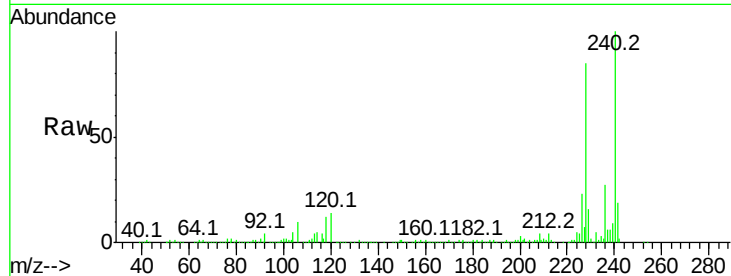
ClientSampleId :

SB-COMPMS

Tot Ion:	240	Resp:	237837
Ion Ratio	Lower	Upper	
240	100		
120	14.3	13.8	20.8
236	26.7	20.6	30.8

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#76

Benzidine

Concen: 5.13 ng

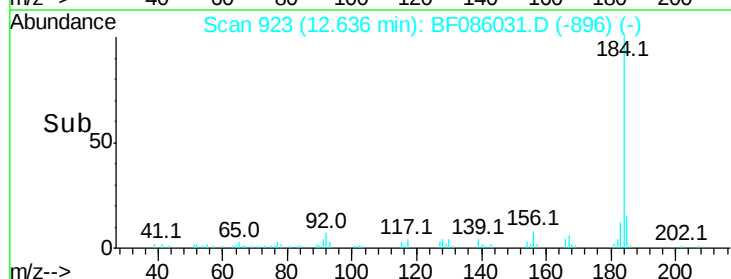
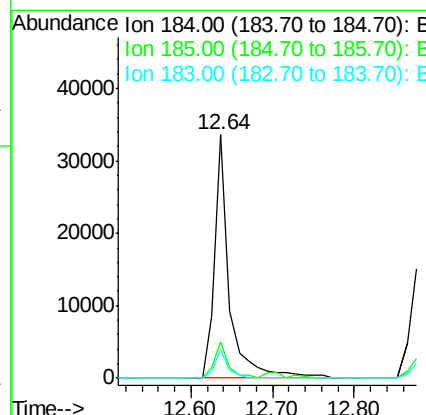
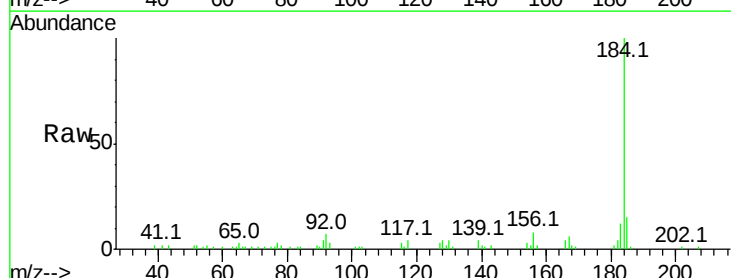
RT: 12.64 min Scan# 923

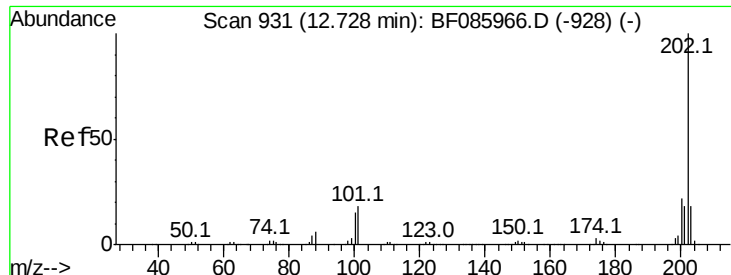
Delta R.T. 0.01 min

Lab File: BF086031.D

Acq: 3 Apr 2016 00:28

Tgt Ion:	184	Resp:	43020
Ion Ratio	Lower	Upper	
184	100		
185	14.8	12.4	18.6
183	11.7	9.4	14.2





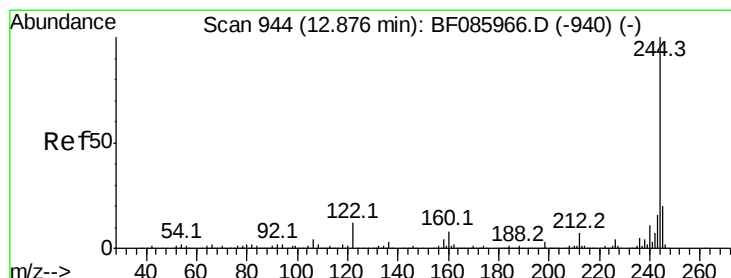
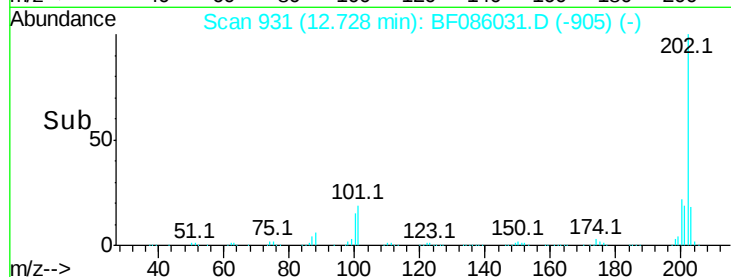
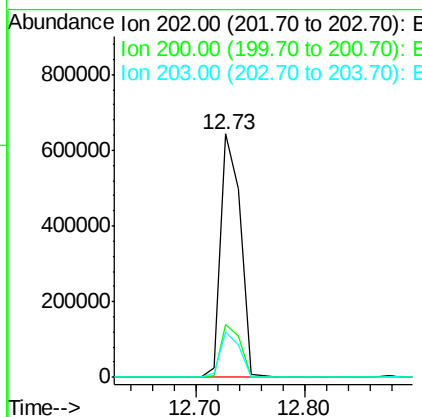
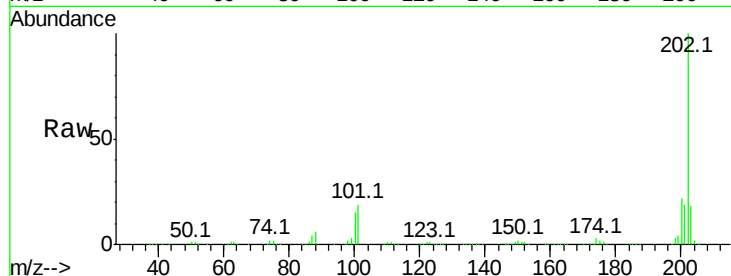
#77
Pvrene
Concen: 48.47 ng
RT: 12.73 min Scan# 931
Delta R.T. 0.00 min
Lab File: BF086031.D
Acq: 3 Apr 2016 00:28

Instrument :
BNA_F
ClientSampleId :
SB-COMPMS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.6	26.4
203	18.5	14.0	21.0

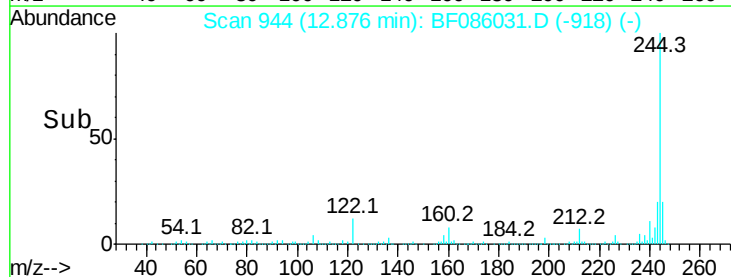
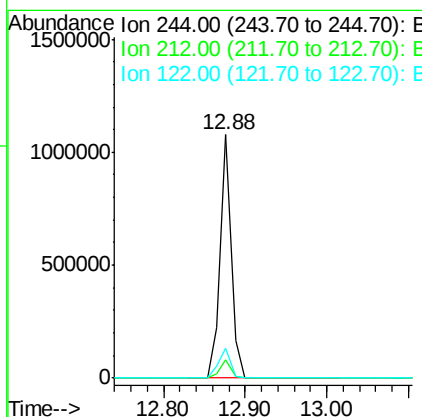
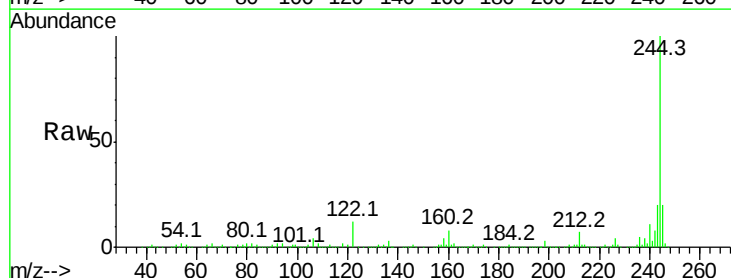
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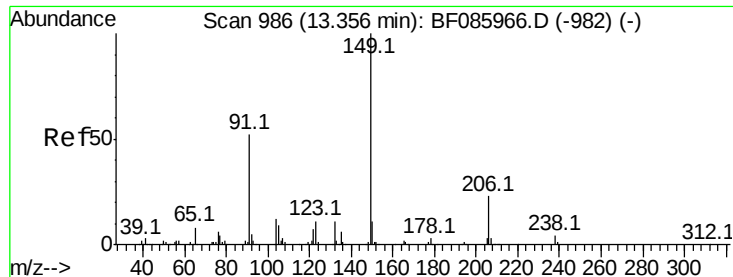
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#78
Terphenyl-d14
Concen: 100.37 ng
RT: 12.88 min Scan# 944
Delta R.T. 0.00 min
Lab File: BF086031.D
Acq: 3 Apr 2016 00:28

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.1	9.1
122	12.2	10.2	15.4





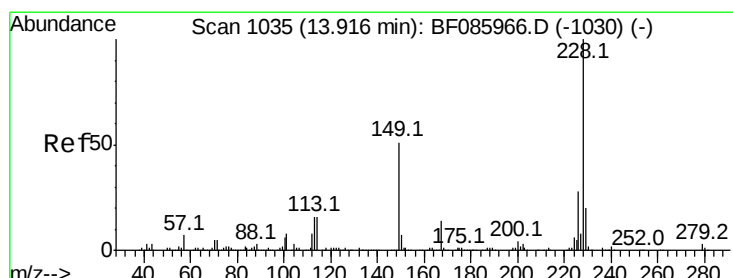
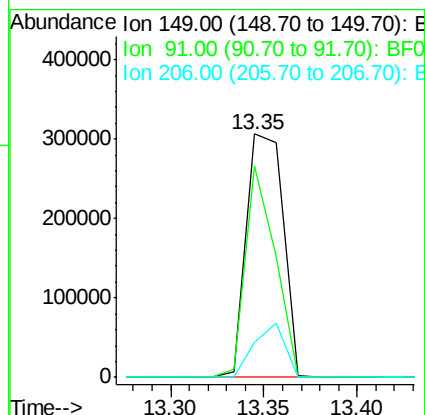
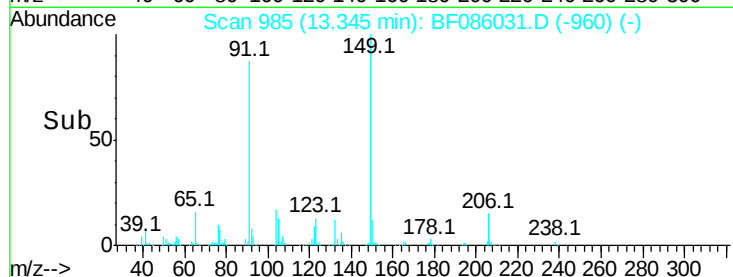
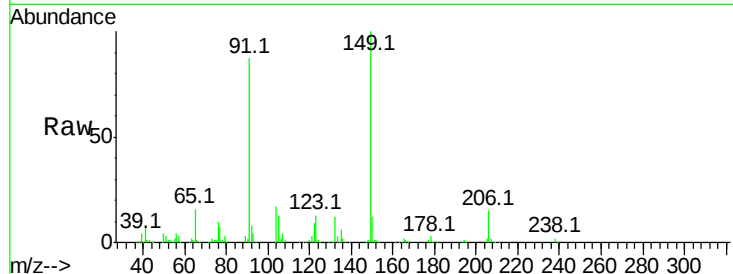
#79
Butylbenzylphthalate
Concen: 55.68 ng
RT: 13.35 min Scan# 985
Delta R.T. -0.01 min
Lab File: BF086031.D
Acq: 3 Apr 2016 00:28

Instrument :
BNA_F
ClientSampleId :
SB-COMPMS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
91	86.7	45.8	68.8#
206	14.6	17.8	26.8#

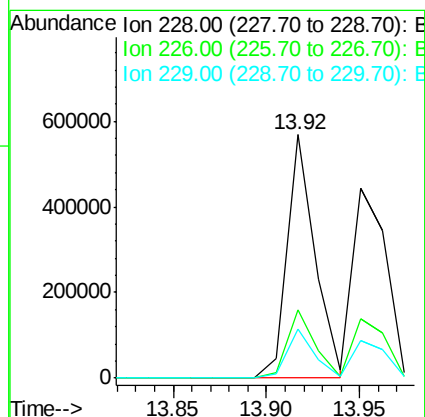
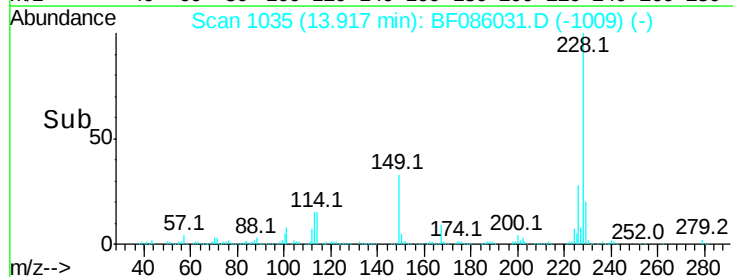
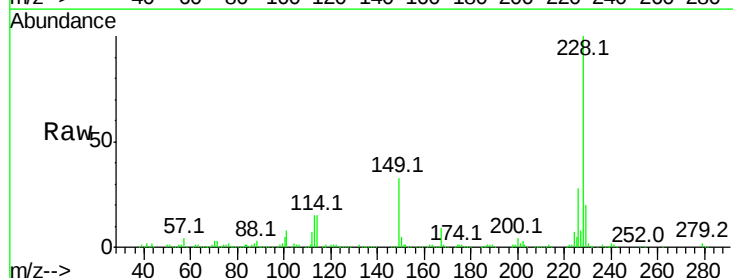
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#80
Benzo(a)anthracene
Concen: 42.30 ng
RT: 13.92 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF086031.D
Acq: 3 Apr 2016 00:28

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	28.1	22.1	33.1
229	20.2	16.2	24.4





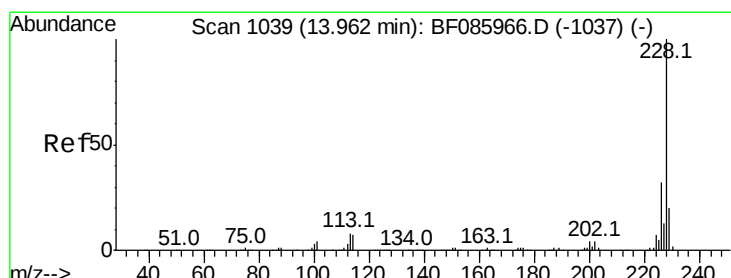
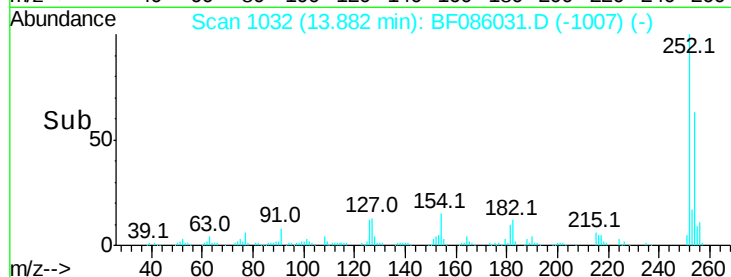
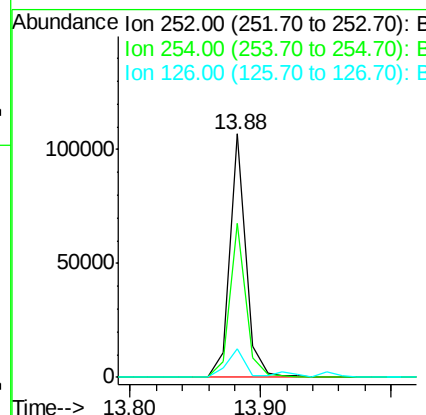
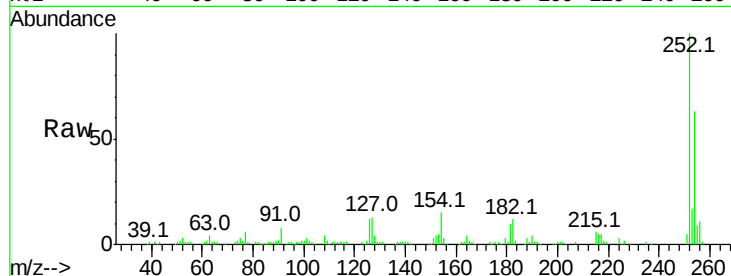
#81
 3,3'-Dichlorobenzidine
 Concen: 9.05 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: BF086031.D
 Acq: 3 Apr 2016 00:28

Instrument :
 BNA_F
 ClientSampleId :
 SB-COMPMS

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.5	50.7	76.1
126	12.0	11.8	17.6

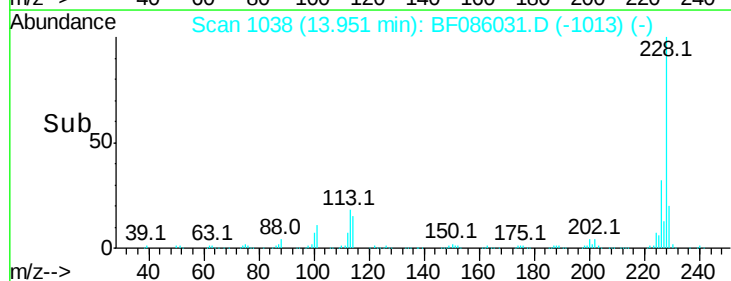
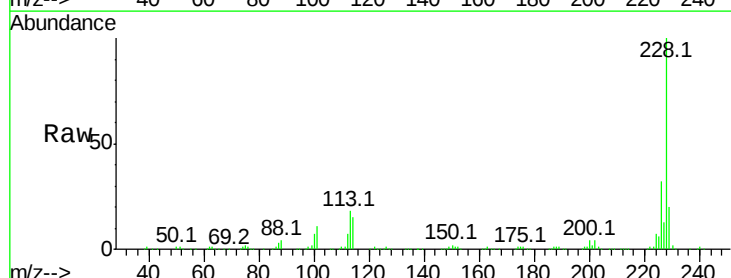
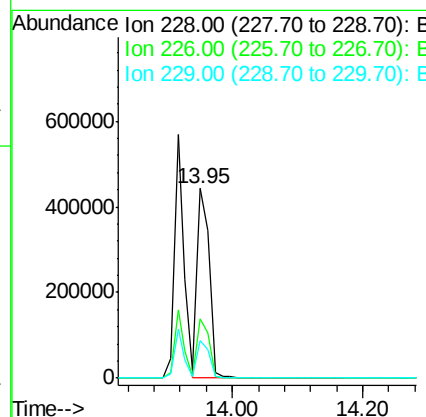
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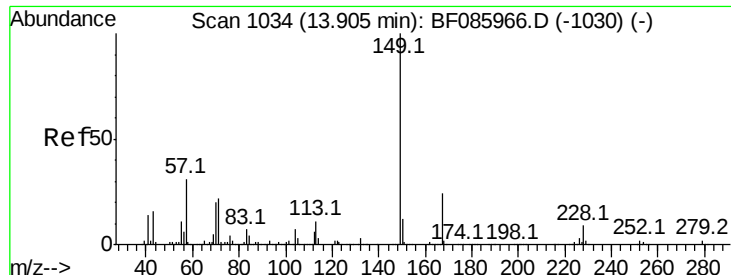
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#82
 Chrysene
 Concen: 41.52 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF086031.D
 Acq: 3 Apr 2016 00:28

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.0	37.6
229	20.2	15.7	23.5





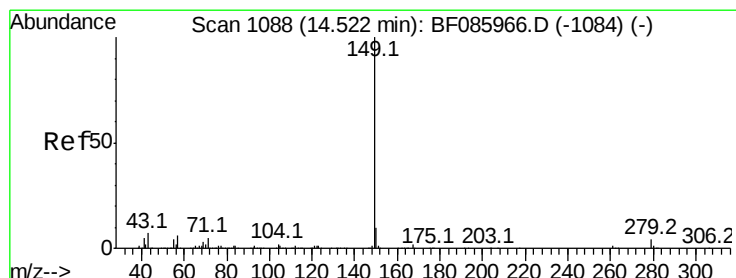
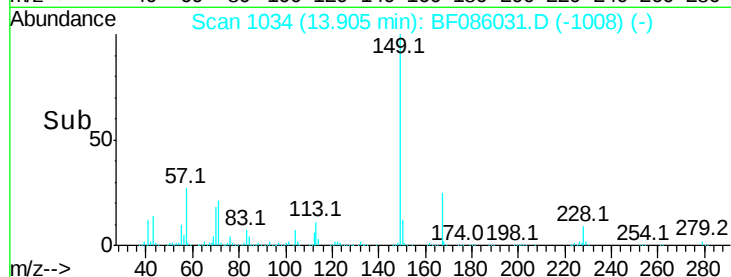
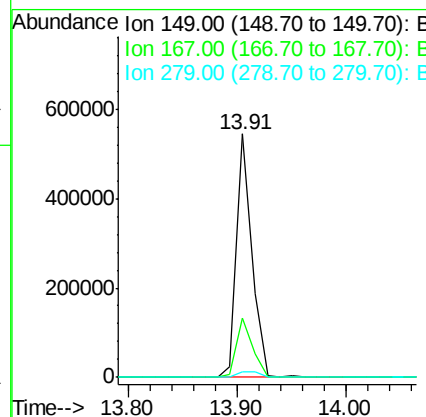
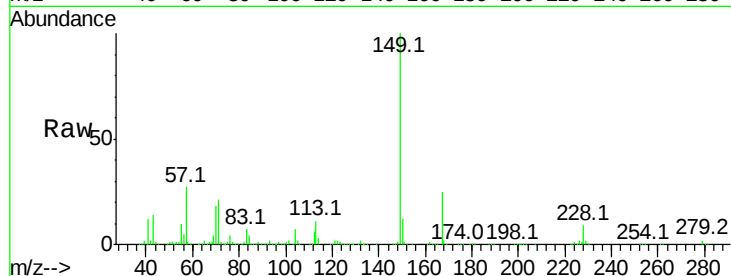
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 52.42 ng
 RT: 13.91 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: BF086031.D
 Acq: 3 Apr 2016 00:28

Instrument :
 BNA_F
 ClientSampleId :
 SB-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	525046		
167	24.5		19.4	29.2
279	2.1		1.5	2.3

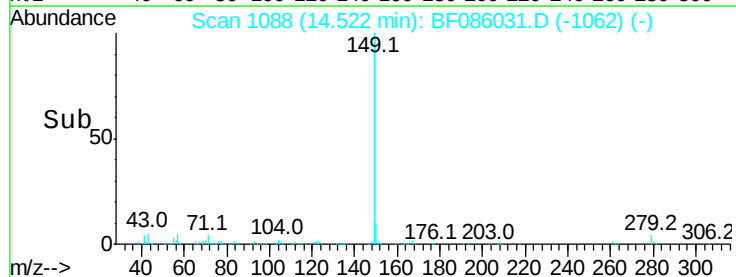
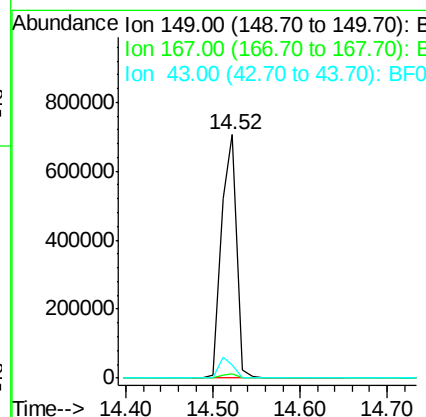
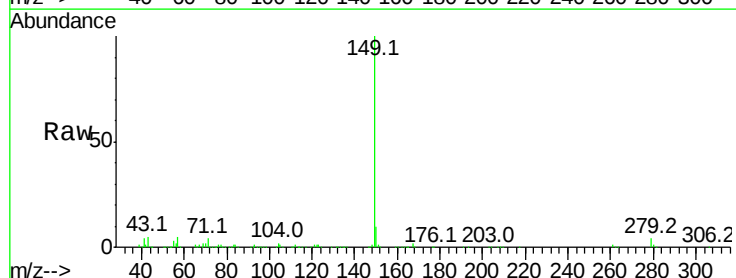
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#84
 Di-n-octyl phthalate
 Concen: 54.36 ng
 RT: 14.52 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: BF086031.D
 Acq: 3 Apr 2016 00:28

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	869515		
167	1.5		1.2	1.8
43	8.1		7.1	10.7





#85

Indeno(1,2,3-cd)pyrene

Concen: 57.54 ng

RT: 16.71 min Scan# 1279

Delta R.T. 0.01 min

Lab File: BF086031.D

Acq: 3 Apr 2016 00:28

Instrument :

BNA_F

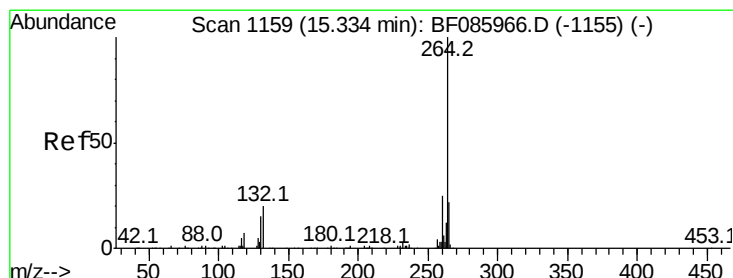
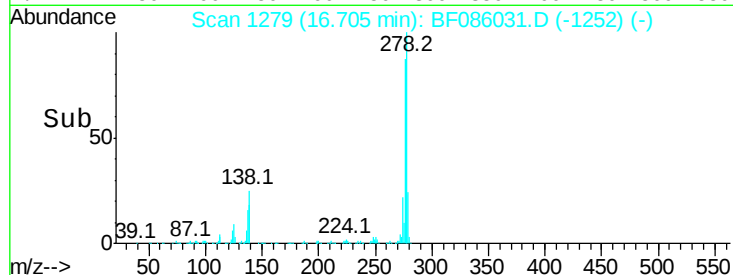
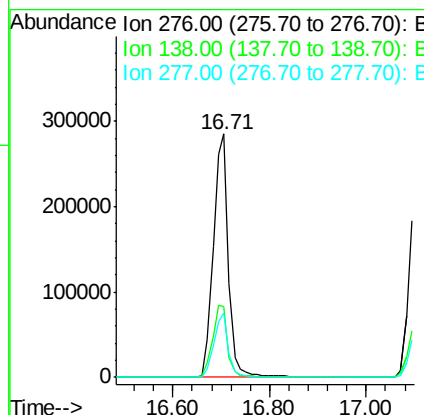
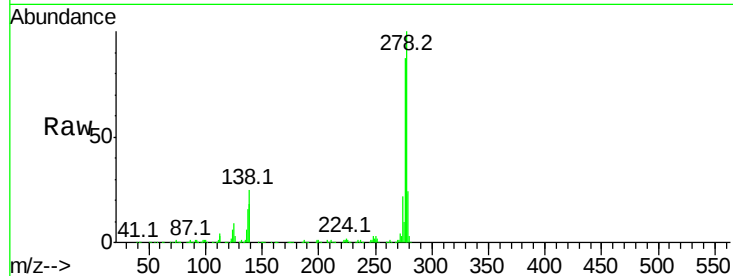
ClientSampleId :

SB-COMPMS

Tot Ion:	276	Resp:	630427
Ion Ratio	Lower	Upper	
276	100		
138	29.7	24.2	36.4
277	25.3	20.0	30.0

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#86

Perylene-d12

Concen: 20.00 ng

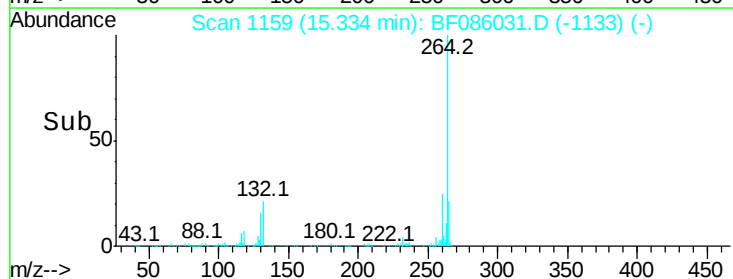
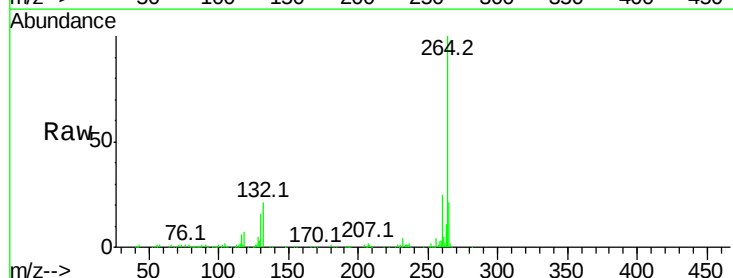
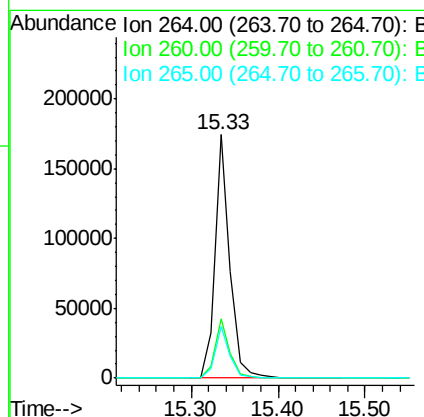
RT: 15.33 min Scan# 1159

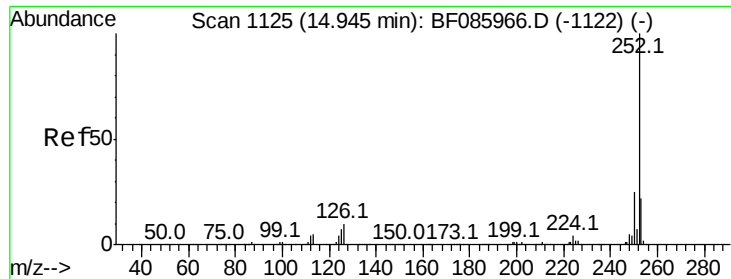
Delta R.T. 0.00 min

Lab File: BF086031.D

Acq: 3 Apr 2016 00:28

Tgt Ion:	264	Resp:	207998
Ion Ratio	Lower	Upper	
264	100		
260	24.6	19.4	29.2
265	21.3	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 52.09 ng m

RT: 14.93 min Scan# 1124

Delta R.T. -0.01 min

Lab File: BF086031.D

Acq: 3 Apr 2016 00:28

Instrument :

BNA_F

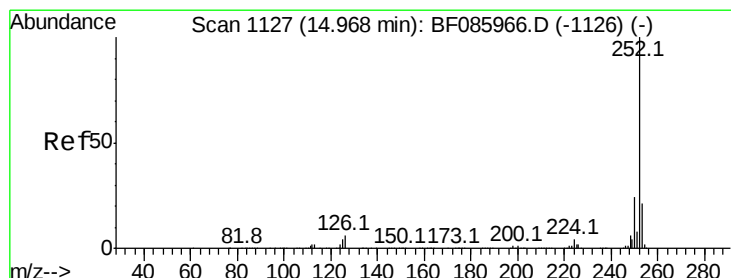
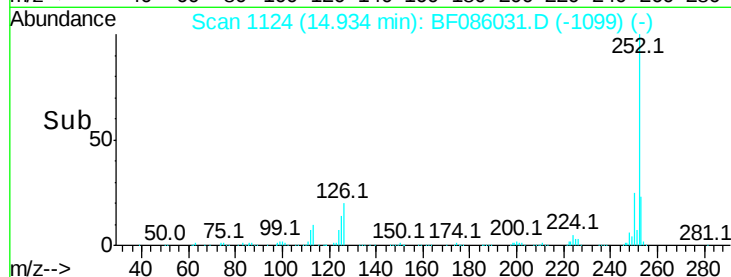
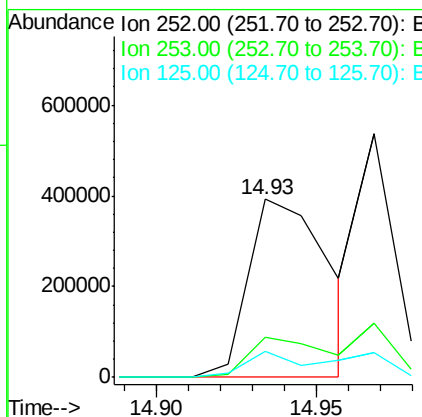
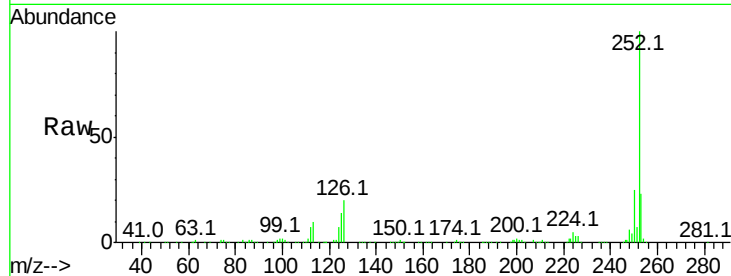
ClientSampleId :

SB-COMPMS

Tot Ion:	252	Resp:	681575
Ion Ratio		Lower	Upper
252	100		
253	22.5	17.6	26.4
125	14.3	10.3	15.5

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#88

Benzo(k)fluoranthene

Concen: 37.63 ng m

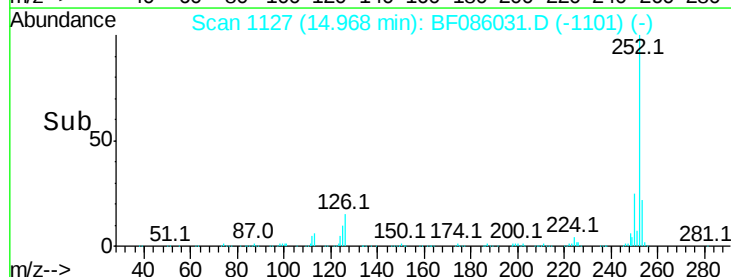
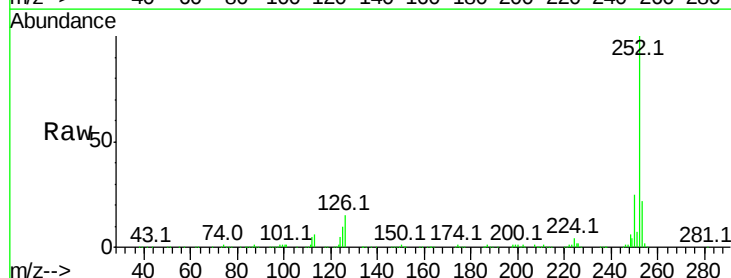
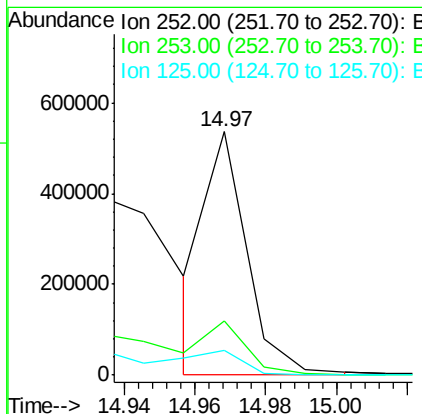
RT: 14.97 min Scan# 1127

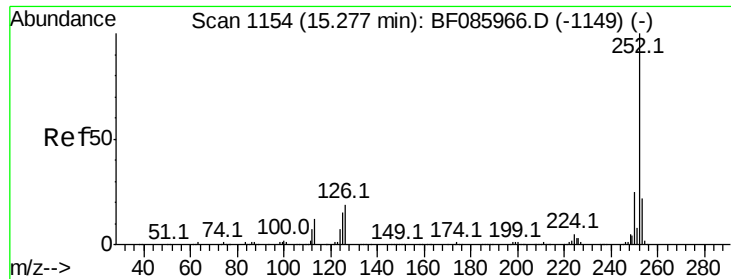
Delta R.T. 0.00 min

Lab File: BF086031.D

Acq: 3 Apr 2016 00:28

Tgt Ion:	252	Resp:	436037
Ion Ratio		Lower	Upper
252	100		
253	22.1	17.8	26.6
125	10.0	7.7	11.5





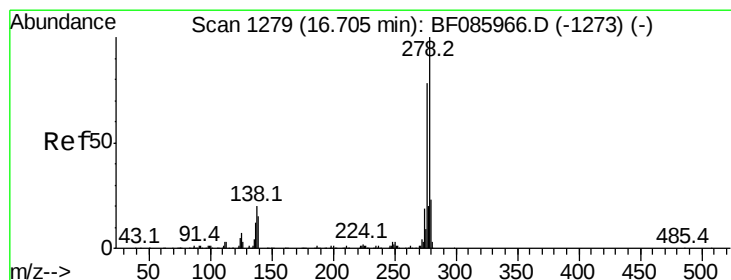
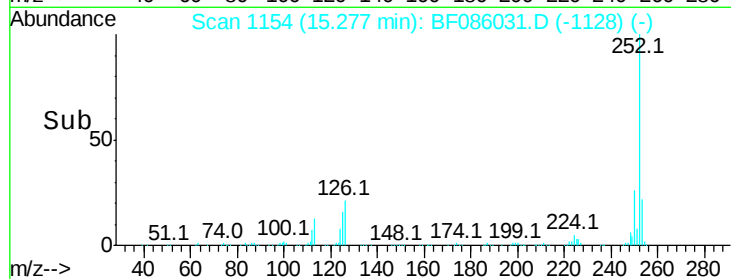
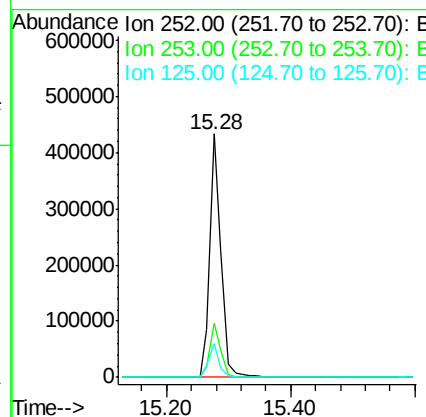
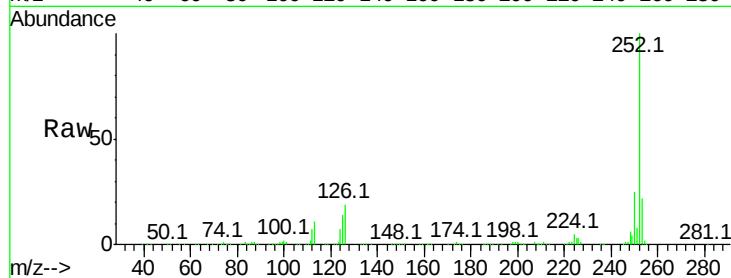
#89
Benzo(a)pyrene
Concen: 47.10 ng
RT: 15.28 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BF086031.D
Acq: 3 Apr 2016 00:28

Instrument :
BNA_F
ClientSampleId :
SB-COMPMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.0
125	13.8	10.3	15.5

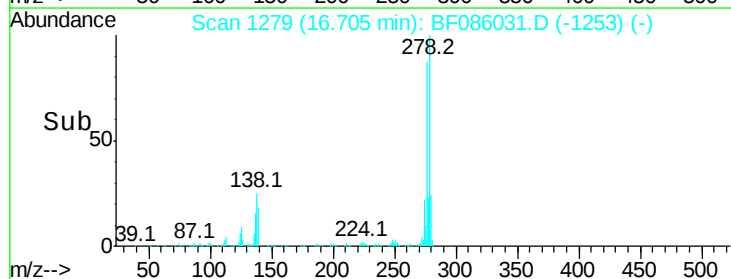
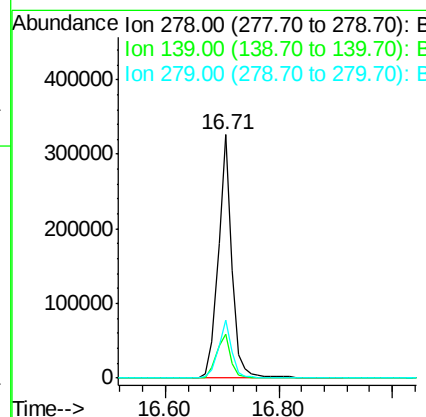
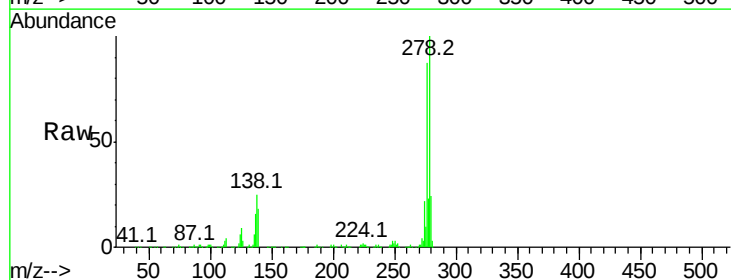
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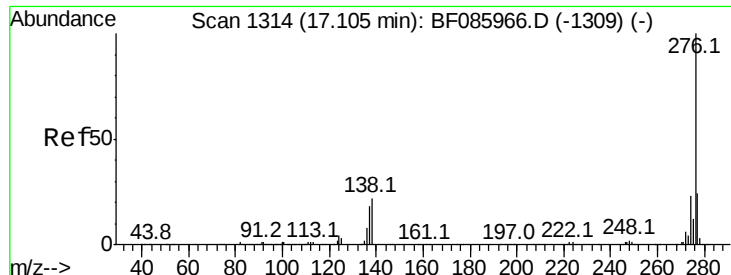
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#90
Dibenzo(a,h)anthracene
Concen: 57.28 ng
RT: 16.71 min Scan# 1279
Delta R.T. 0.00 min
Lab File: BF086031.D
Acq: 3 Apr 2016 00:28

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.2	14.4	21.6
279	23.9	19.1	28.7





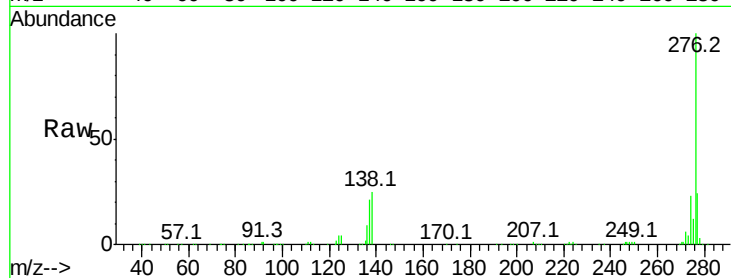
#91
 Benzo(a,h,i)perylene
 Concen: 57.23 ng
 RT: 17.11 min Scan# 1314
 Delta R.T. 0.00 min
 Lab File: BF086031.D
 Acq: 3 Apr 2016 00:28

Instrument :
 BNA_F
 ClientSampleId :
 SB-COMPMS

Tot Ion:	276	Resp:	516622
Ion Ratio	Lower	Upper	
276	100		
277	23.7	18.8	28.2
138	24.6	22.6	34.0

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

