

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040216\
 Data File : BF085976.D
 Acq On : 1 Apr 2016 22:14
 Operator : UM/SJ
 Sample : PB89340BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB89340BS

Manual Integrations
 APPROVED

Sohil
 4/4/2016 7:33:54 PM

Quant Time: Apr 01 23:33:22 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	108940	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	419014	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	205036	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	375979	20.00	ng	0.00
75) Chrysene-d12	13.93	240	315272	20.00	ng	0.00
86) Perylene-d12	15.33	264	266179	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.38	112	781248	122.58	ng	0.01
7) Phenol-d6	6.42	99	902903	111.53	ng	0.00
23) Nitrobenzene-d5	7.34	82	590390	83.09	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	234133	121.66	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1099881	89.19	ng	0.00
78) Terphenyl-d14	12.88	244	1004348	74.88	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.37	88	100275	33.19	ng	99
3) Pyridine	3.08	79	260668	38.53	ng	94
4) n-Nitrosodimethylamine	3.04	42	114876	38.62	ng	96
6) Aniline	6.44	93	251528	23.68	ng	94
8) 2-Chlorophenol	6.56	128	296091	38.95	ng	93
9) Benzaldehyde	6.33	77	133663	30.68	ng	88
10) Phenol	6.43	94	368480	39.90	ng	95
11) bis(2-Chloroethyl)ether	6.51	93	261369	35.74	ng	95
12) 1,3-Dichlorobenzene	6.72	146	302276	37.52	ng	98
13) 1,4-Dichlorobenzene	6.78	146	308479	37.17	ng	98
14) 1,2-Dichlorobenzene	6.94	146	296993	38.88	ng	100
15) Benzyl Alcohol	6.92	79	214831	41.02	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.06	45	336757	37.70	ng	93
17) 2-Methylphenol	7.04	107	232260	38.76	ng	98
18) Hexachloroethane	7.28	117	115135	37.72	ng	# 80
19) n-Nitroso-di-n-propylamine	7.20	70	196088	39.08	ng	98
20) 3+4-Methylphenols	7.20	107	291139	39.94	ng	# 83
22) Acetophenone	7.18	105	389331	39.53	ng	# 94
24) Nitrobenzene	7.36	77	293147	37.71	ng	97
25) Isophorone	7.60	82	551954	39.35	ng	99
26) 2-Nitrophenol	7.68	139	152127	40.90	ng	# 87
27) 2,4-Dimethylphenol	7.72	122	275108	41.19	ng	97
28) bis(2-Chloroethoxy)methane	7.81	93	346869	42.15	ng	99
29) 2,4-Dichlorophenol	7.93	162	234227	41.48	ng	95
30) 1,2,4-Trichlorobenzene	8.01	180	247564	39.05	ng	94
31) Naphthalene	8.08	128	824260	39.11	ng	99
32) Benzoic acid	7.87	122	174797	35.67	ng	89
33) 4-Chloroaniline	8.14	127	114167	13.41	ng	98
34) Hexachlorobutadiene	8.20	225	132106	38.76	ng	99
35) Caprolactam	8.51	113	82610m	46.11	ng	
36) 4-Chloro-3-methylphenol	8.62	107	262575	41.36	ng	96
37) 2-Methylnaphthalene	8.77	142	571905	41.54	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	231225	37.52	ng	99
40) Hexachlorocyclopentadiene	8.92	237	181252	80.87	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	161868	40.90	ng	99
43) 2,4,5-Trichlorophenol	9.10	196	159273	39.64	ng	97
45) 1,1'-Biphenyl	9.23	154	636341	35.99	ng	99
46) 2-Chloronaphthalene	9.26	162	505678	39.46	ng	98
47) 2-Nitroaniline	9.37	65	152483	40.67	ng	# 68
48) Acenaphthylene	9.68	152	834706	40.66	ng	99
49) Dimethylphthalate	9.54	163	568991	37.44	ng	99
50) 2,6-Dinitrotoluene	9.61	165	141401	43.98	ng	# 80
51) Acenaphthene	9.85	154	495290	40.57	ng	99
52) 3-Nitroaniline	9.78	138	73603	18.99	ng	83
53) 2,4-Dinitrophenol	9.89	184	148486	71.01	ng	# 71
54) Dibenzofuran	10.02	168	707357	43.87	ng	99
55) 4-Nitrophenol	9.95	139	180743	79.12	ng	92
56) 2,4-Dinitrotoluene	10.02	165	167791	41.30	ng	# 80
57) Fluorene	10.36	166	572632	41.57	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.14	232	133630	44.67	ng	95
59) Diethylphthalate	10.24	149	573807	37.41	ng	97
60) 4-Chlorophenyl-phenylether	10.35	204	252347	39.33	ng	97
61) 4-Nitroaniline	10.40	138	152909	40.07	ng	92
62) Azobenzene	10.51	77	653600	44.49	ng	100
64) 4,6-Dinitro-2-methylphenol	10.42	198	88056	38.65	ng	88
65) n-Nitrosodiphenylamine	10.48	169	521275	44.33	ng	99
66) 4-Bromophenyl-phenylether	10.84	248	161584	42.10	ng	94
67) Hexachlorobenzene	10.91	284	172246	43.39	ng	98
68) Atrazine	11.00	200	147356	38.79	ng	98
69) Pentachlorophenol	11.10	266	155057	83.35	ng	99
70) Phenanthrene	11.32	178	881888	43.00	ng	100
71) Anthracene	11.37	178	810571	37.72	ng	100
72) Carbazole	11.53	167	728984	39.47	ng	99
73) Di-n-butylphthalate	11.86	149	994782	43.47	ng	100
74) Fluoranthene	12.50	202	828448	38.83	ng	99
76) Benzidine	12.63	184	294145	26.44	ng	99
77) Pyrene	12.73	202	816983	36.77	ng	99
79) Butylbenzylphthalate	13.35	149	404131	40.40	ng	# 68
80) Benzo(a)anthracene	13.92	228	728929	39.22	ng	99
81) 3,3'-Dichlorobenzidine	13.88	252	111371	8.20	ng	# 96
82) Chrysene	13.95	228	675160	37.72	ng	99
83) Bis(2-ethylhexyl)phthalate	13.91	149	522925	39.39	ng	99
84) Di-n-octyl phthalate	14.52	149	932839	44.00	ng	99
85) Indeno(1,2,3-cd)pyrene	16.69	276	564579	38.87	ng	99
87) Benzo(b)fluoranthene	14.93	252	830764m	49.61	ng	
88) Benzo(k)fluoranthene	14.97	252	464850m	31.35	ng	
89) Benzo(a)pyrene	15.28	252	606010	40.85	ng	99
90) Dibenzo(a,h)anthracene	16.71	278	476176	39.89	ng	96
91) Benzo(g,h,i)perylene	17.09	276	458455	39.69	ng	97

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

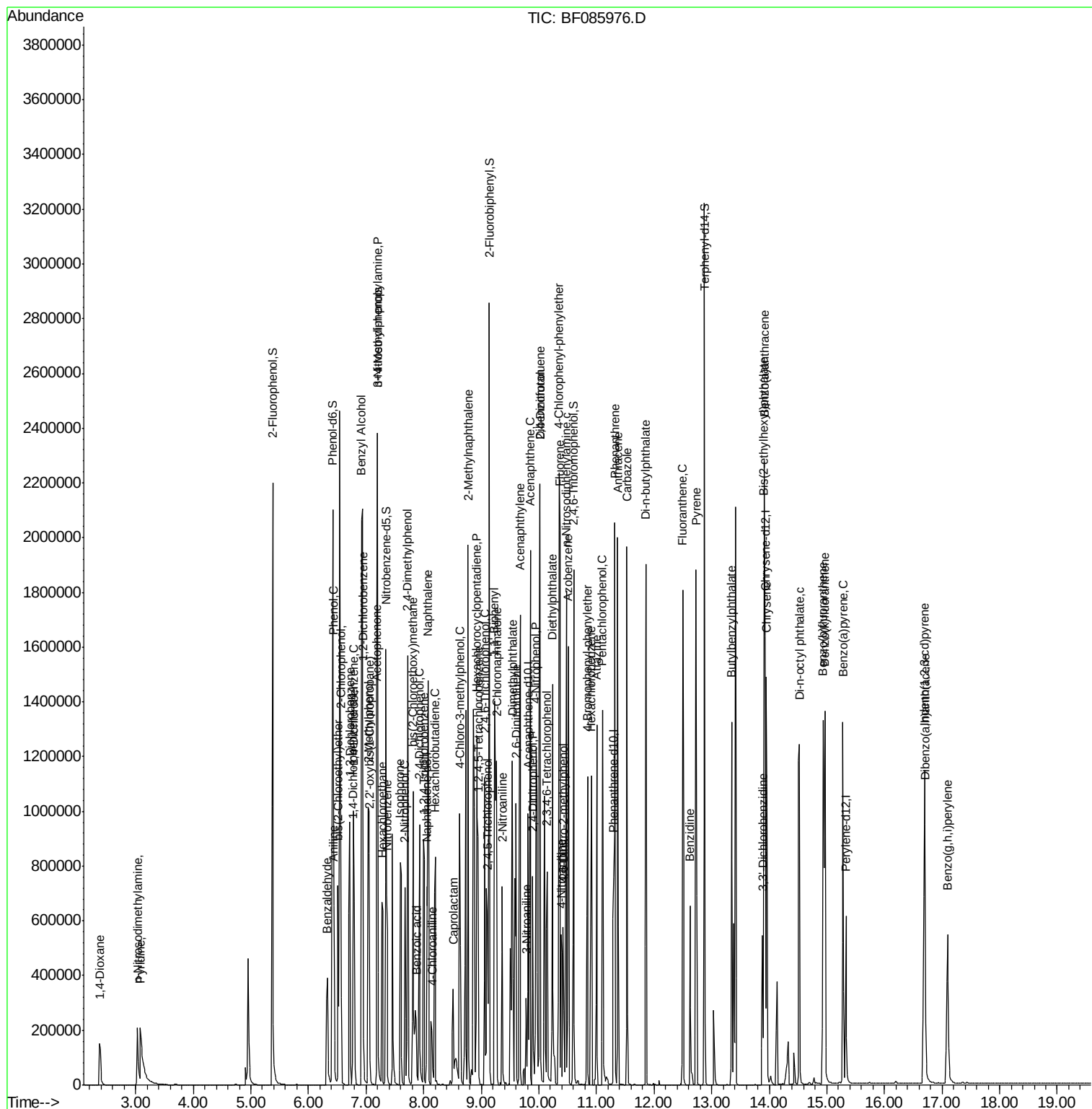
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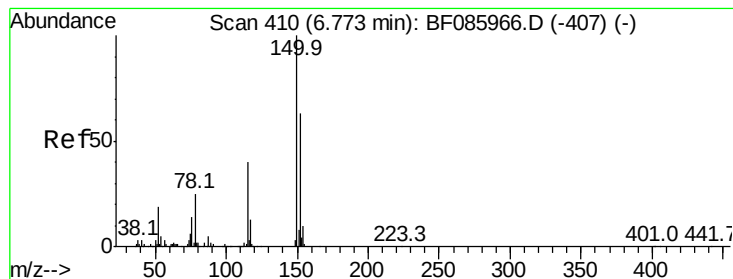
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.77 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF085976.D

Acq: 1 Apr 2016 22:14

Instrument :

BNA_F

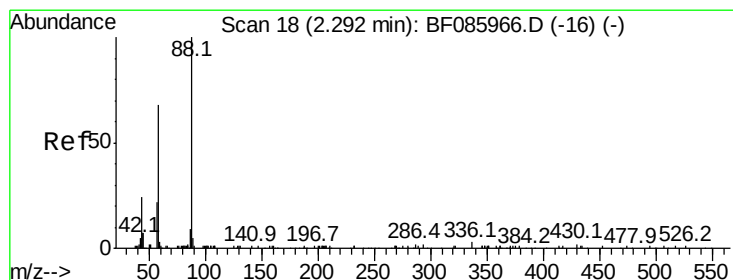
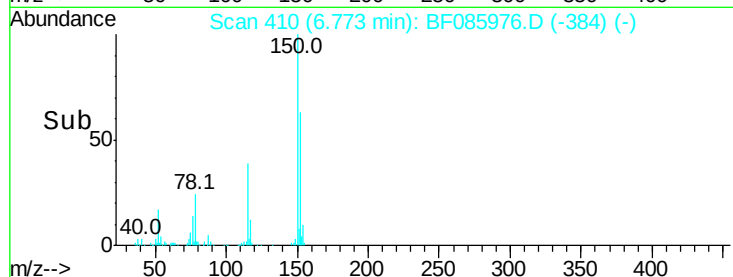
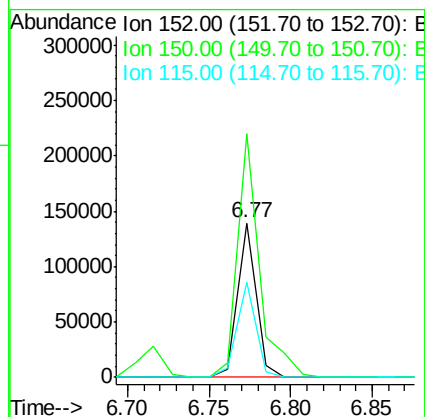
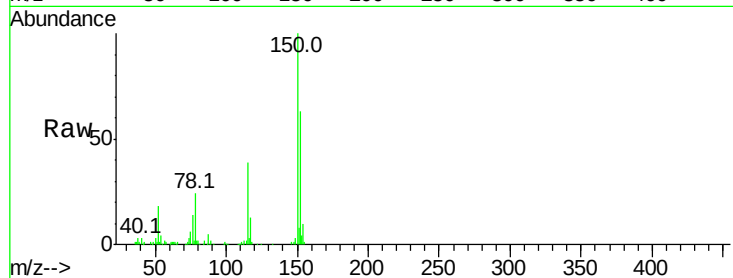
ClientSampleId :

PB89340BS

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Tot Ion	152	Resp	108940
Ion Ratio	Lower	Upper	
152	100		
150	157.9	124.2	186.2
115	61.5	47.0	70.6



#2

1,4-Dioxane

Concen: 33.19 ng

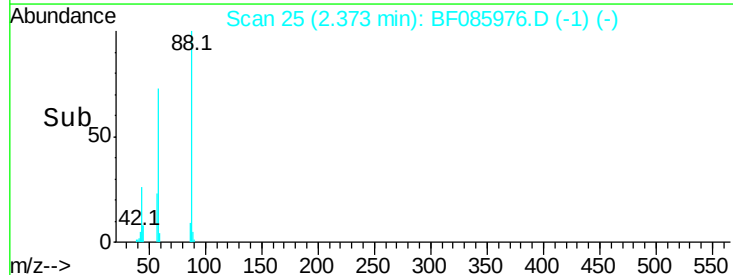
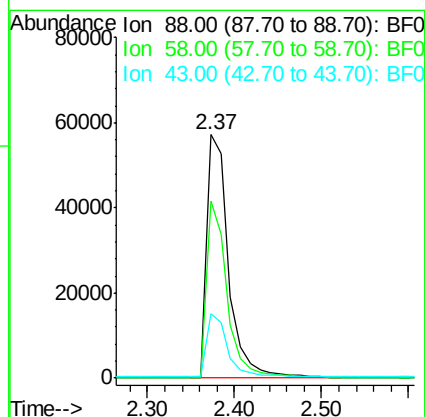
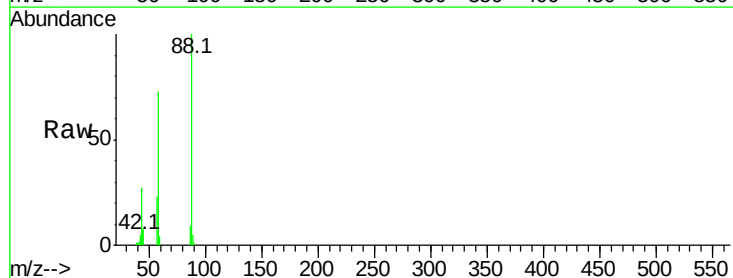
RT: 2.37 min Scan# 25

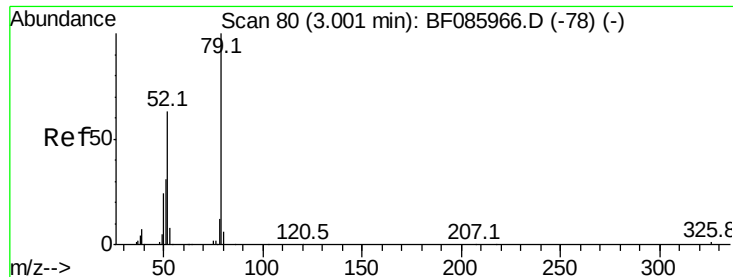
Delta R.T. 0.08 min

Lab File: BF085976.D

Acq: 1 Apr 2016 22:14

Tgt Ion	88	Resp	100275
Ion Ratio	Lower	Upper	
88	100		
58	68.1	54.2	81.2
43	24.5	19.3	28.9





#3

Pvridine

Concen: 38.53 ng

RT: 3.08 min Scan# 87

Delta R.T. 0.08 min

Lab File: BF085976.D

Acq: 1 Apr 2016 22:14

Instrument :

BNA_F

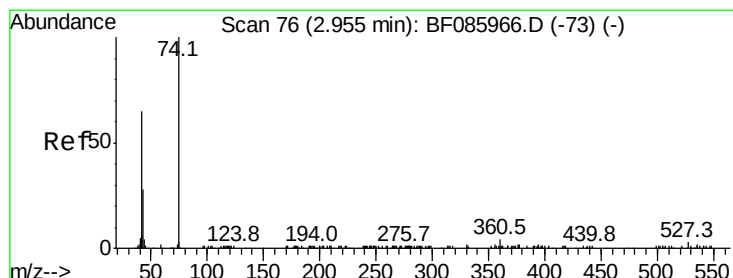
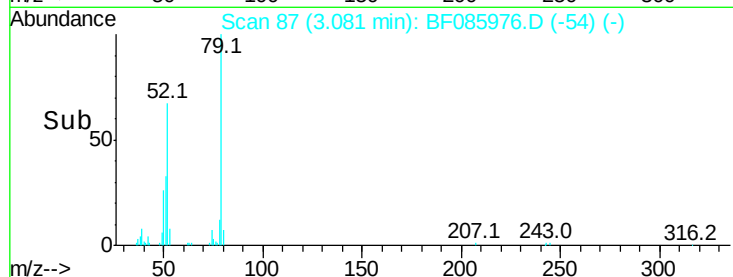
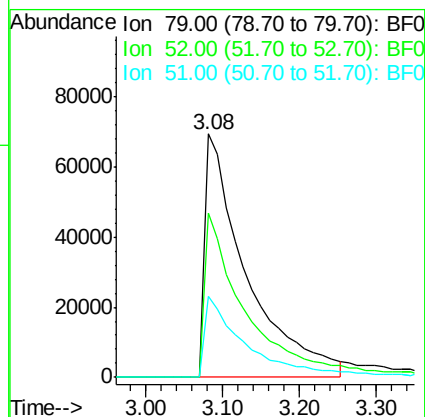
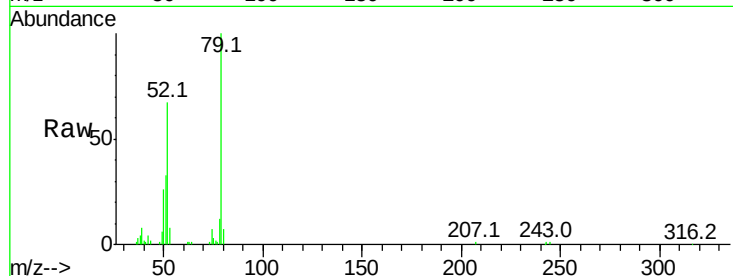
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Tot Ion	79	Resp	260668
Ion Ratio	Lower	Upper	
79	100		
52	67.3	49.8	74.6
51	33.4	24.7	37.1



#4

n-Nitrosodimethylamine

Concen: 38.62 ng

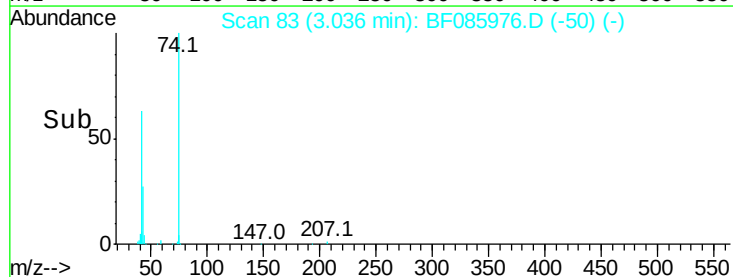
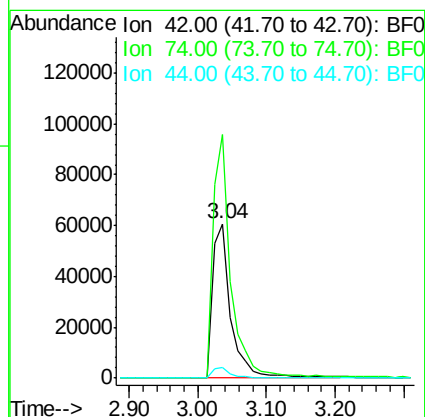
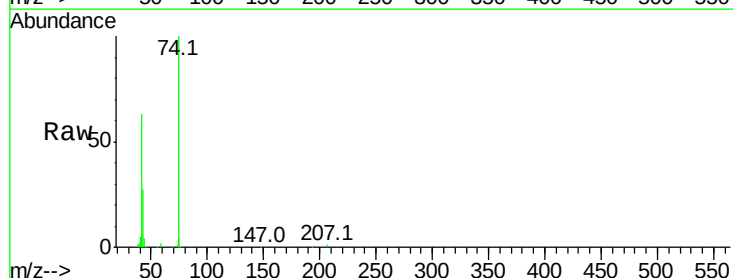
RT: 3.04 min Scan# 83

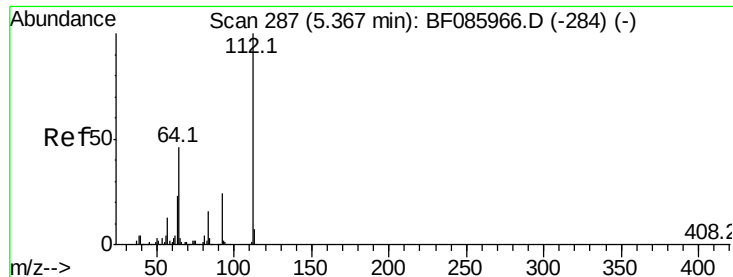
Delta R.T. 0.08 min

Lab File: BF085976.D

Acq: 1 Apr 2016 22:14

Tgt Ion	42	Resp	114876
Ion Ratio	Lower	Upper	
42	100		
74	157.8	121.4	182.2
44	7.0	5.6	8.4





#5

2-Fluorophenol

Concen: 122.58 ng

RT: 5.38 min Scan# 288

Delta R.T. 0.01 min

Lab File: BF085976.D

Acq: 1 Apr 2016 22:14

Instrument :

BNA_F

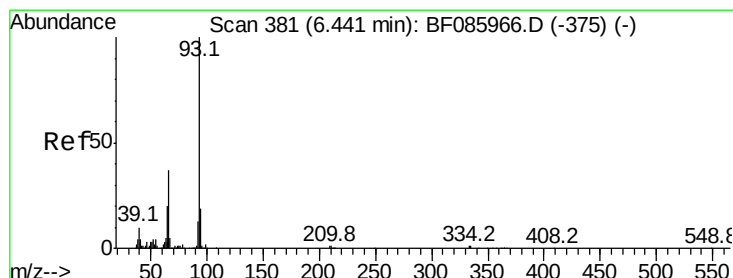
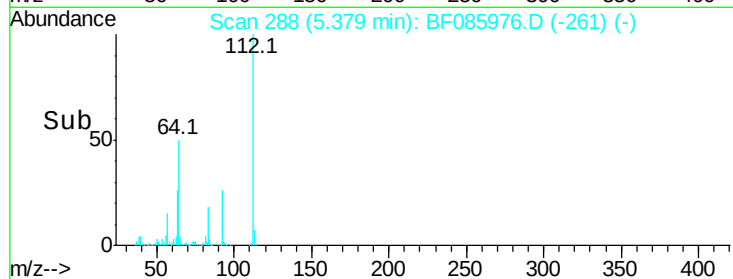
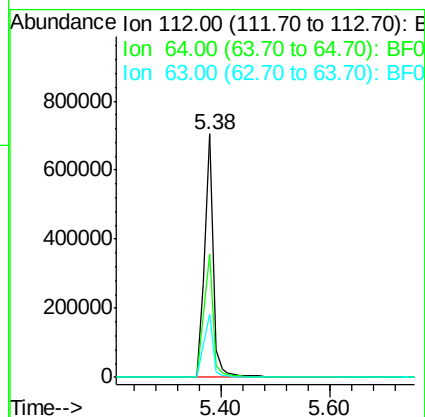
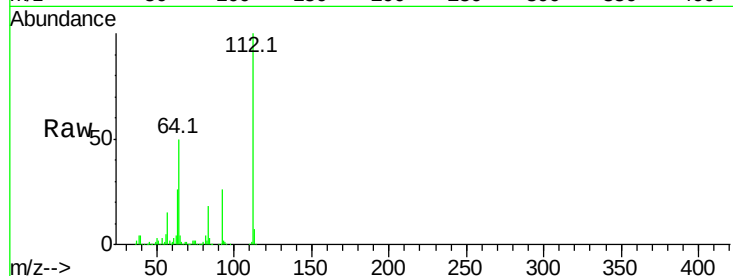
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		781248		
64	50.5	39.9	59.9		
63	25.7	20.2	30.2		



#6

Aniline

Concen: 23.68 ng

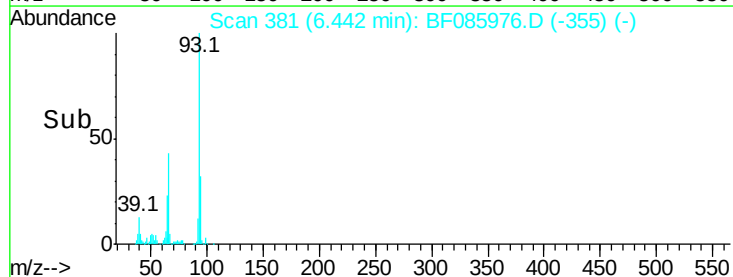
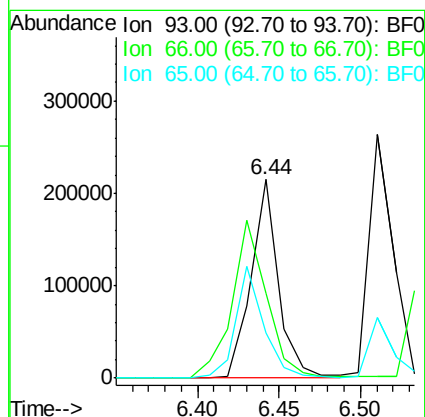
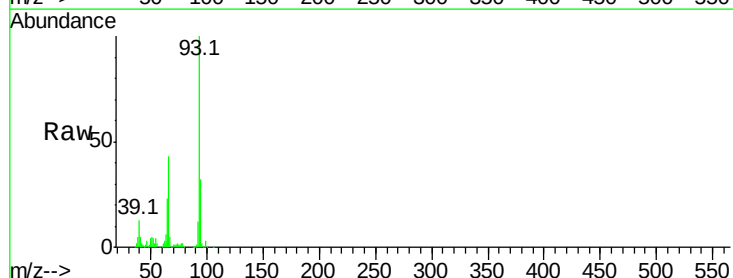
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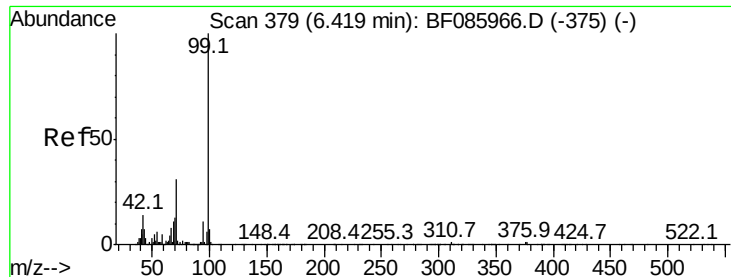
Delta R.T. 0.00 min

Lab File: BF085976.D

Acq: 1 Apr 2016 22:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		251528		
66	42.8	31.4	47.2		
65	22.6	15.7	23.5		





#7

Phenol-d6

Concen: 111.53 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF085976.D

Acq: 1 Apr 2016 22:14

Instrument :

BNA_F

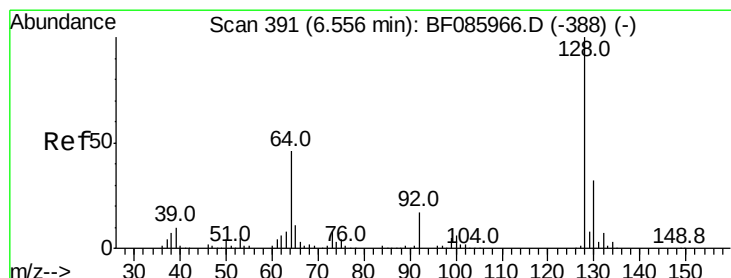
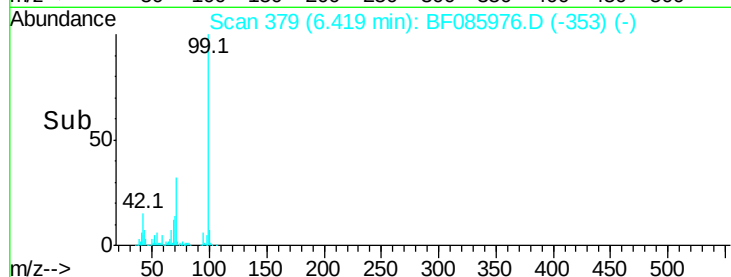
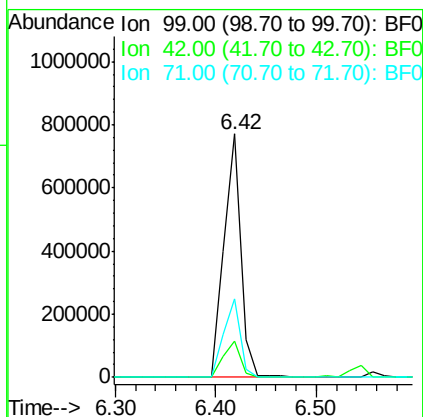
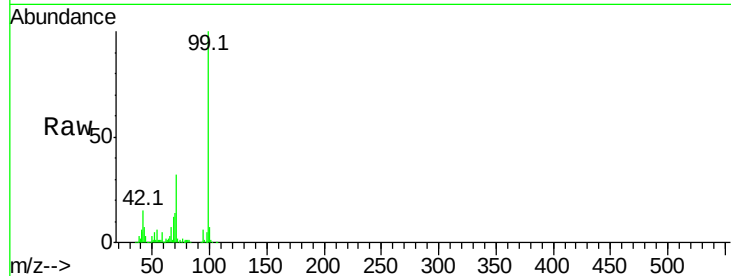
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Tot Ion:	99	Resp:	902903
Ion Ratio	Lower	Upper	
99	100		
42	14.7	11.1	16.7
71	32.2	24.9	37.3

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#8

2-Chlorophenol

Concen: 38.95 ng

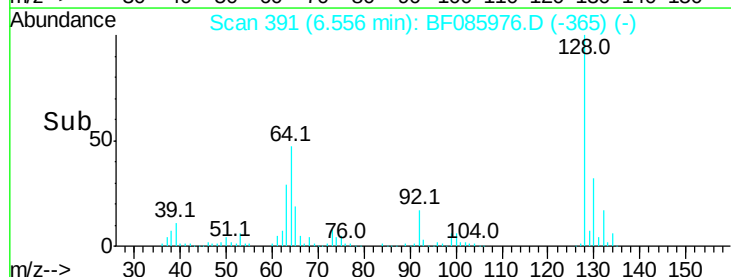
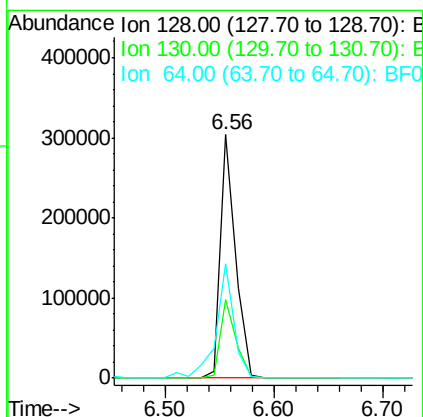
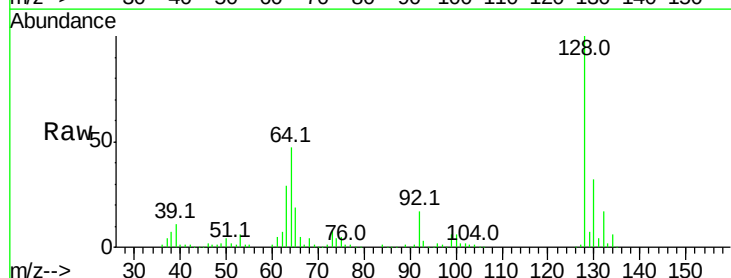
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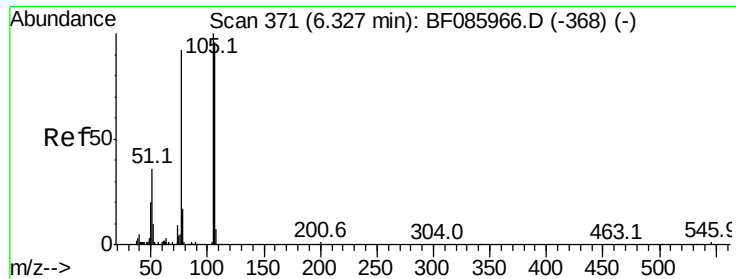
Delta R.T. 0.00 min

Lab File: BF085976.D

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Tgt Ion:	128	Resp:	296091
Ion Ratio	Lower	Upper	
128	100		
130	32.4	12.9	52.9
64	47.1	20.2	60.2





#9

Benzaldehyde

Concen: 30.68 ng

RT: 6.33 min Scan# 371

Delta R.T. 0.00 min

Lab File: BF085976.D

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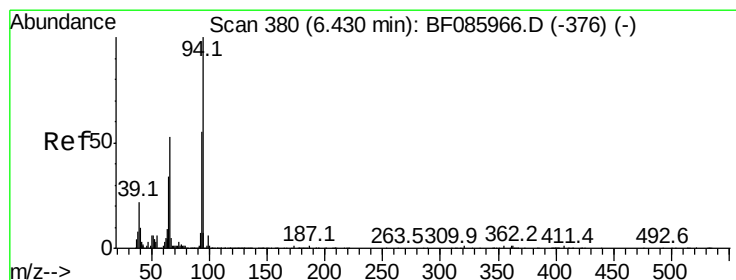
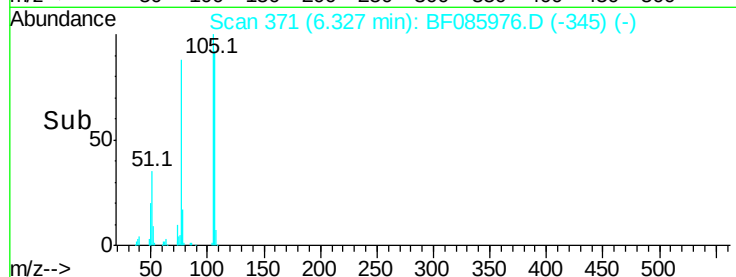
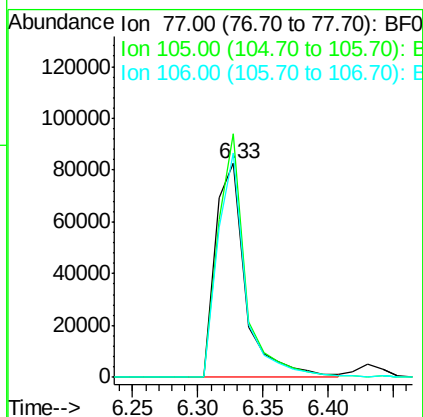
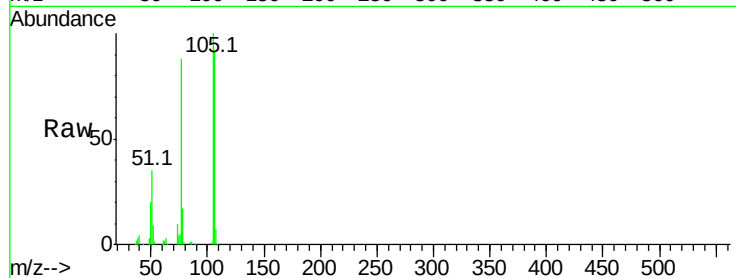
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Tot Ion:	77	Resp:	133663
Ion	Ratio	Lower	Upper
77	100		
105	114.0	80.1	120.1
106	105.4	75.0	115.0



#10

Phenol

Concen: 39.90 ng

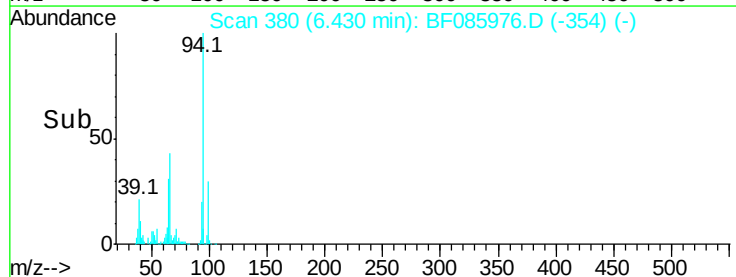
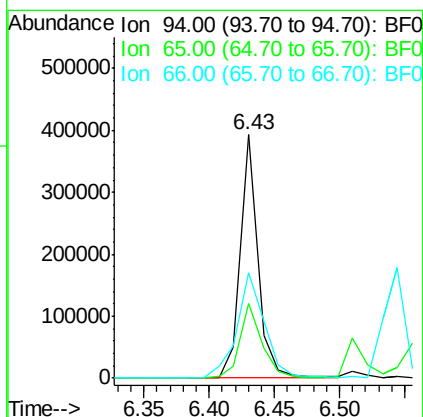
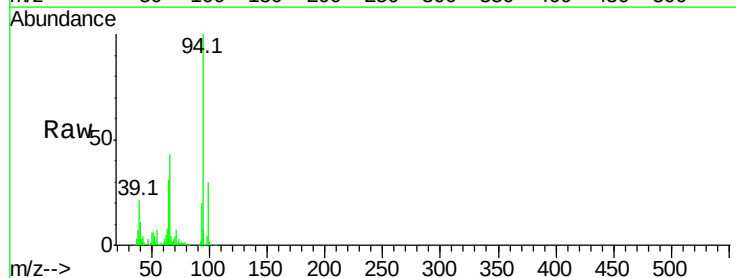
RT: 6.43 min Scan# 380

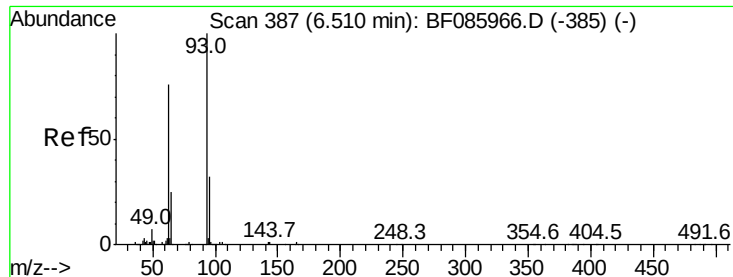
Delta R.T. 0.00 min

Lab File: BF085976.D

Acq: 1 Apr 2016 22:14

Tgt Ion:	94	Resp:	368480
Ion	Ratio	Lower	Upper
94	100		
65	30.6	8.6	48.6
66	43.5	20.0	60.0





#11

bis(2-Chloroethyl)ether

Concen: 35.74 ng

RT: 6.51 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF085976.D

Acq: 1 Apr 2016 22:14

Instrument :

BNA_F

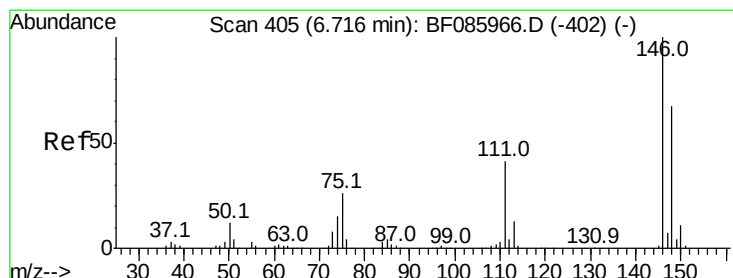
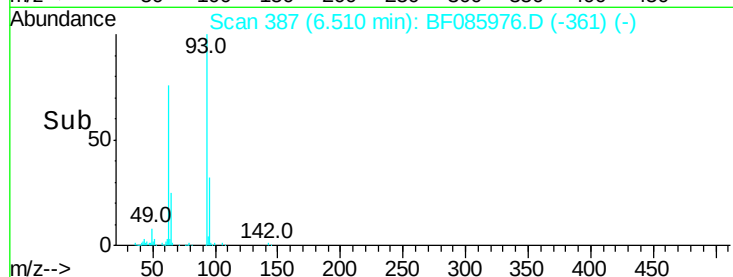
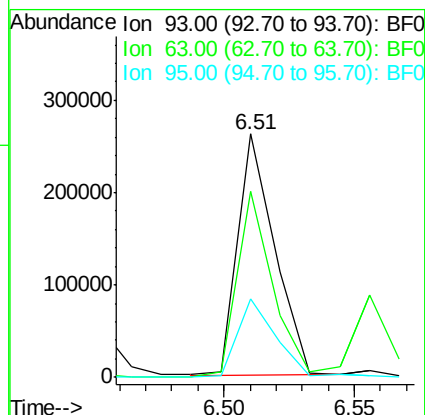
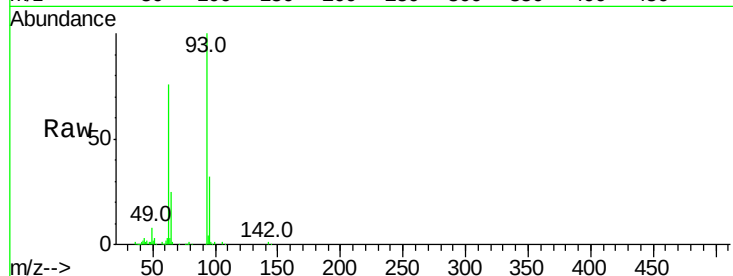
ClientSampleId :

PB89340BS

Tot Ion:	93	Resp:	261369
Ion Ratio	Lower	Upper	
93	100		
63	76.5	50.9	90.9
95	32.3	13.3	53.3

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#12

1,3-Dichlorobenzene

Concen: 37.52 ng

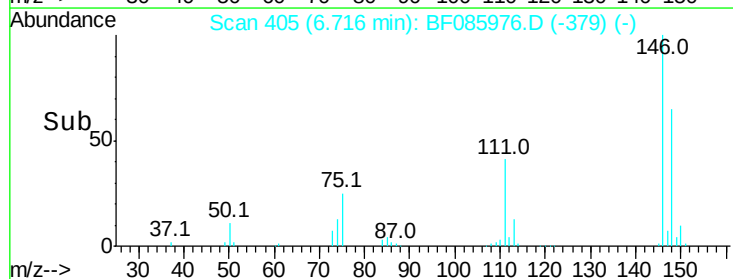
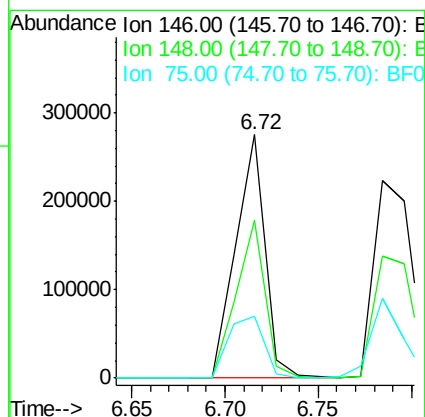
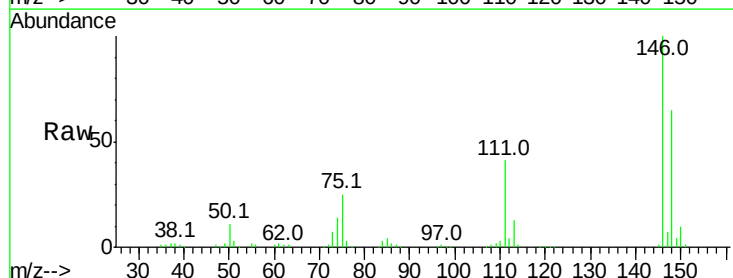
RT: 6.72 min Scan# 405

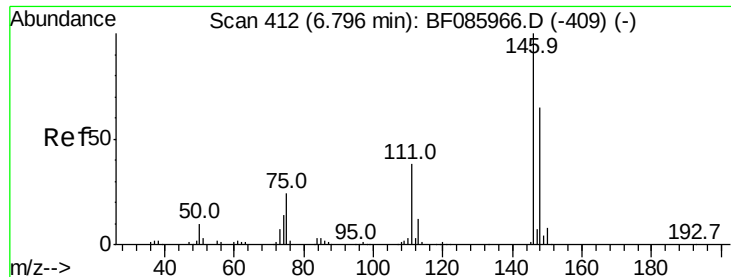
Delta R.T. 0.00 min

Lab File: BF085976.D

Acq: 1 Apr 2016 22:14

Tgt Ion:	146	Resp:	302276
Ion Ratio	Lower	Upper	
146	100		
148	65.1	52.3	78.5
75	25.4	17.4	26.2





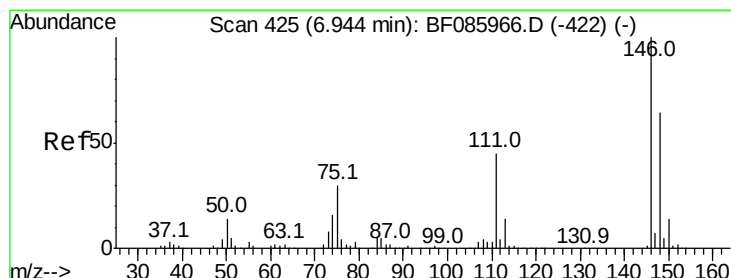
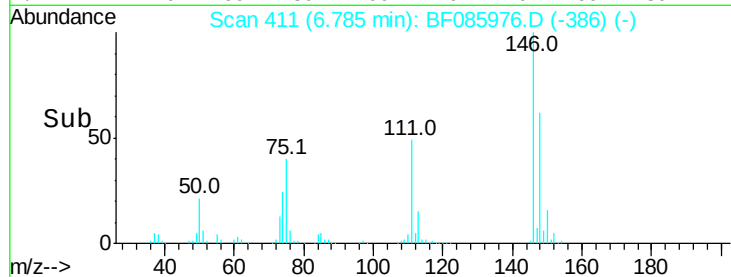
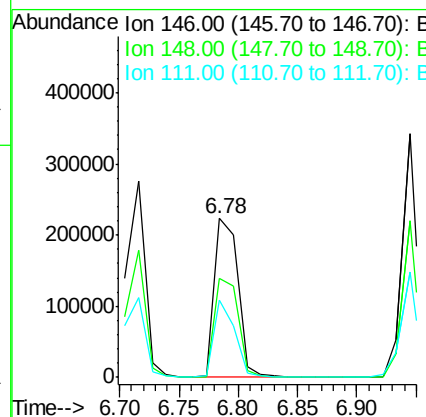
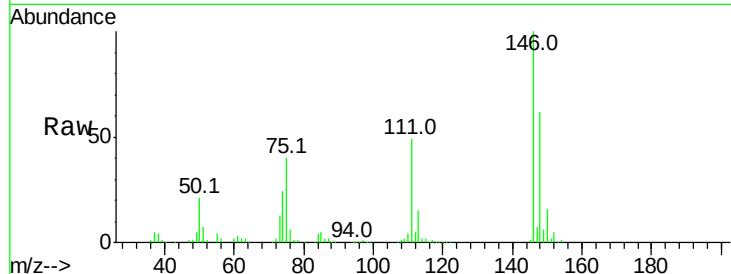
#13
 1,4-Dichlorobenzene
 Concen: 37.17 ng
 RT: 6.78 min Scan# 411
 Delta R.T. -0.01 min
 Lab File: BF085976.D
 Acq: 1 Apr 2016 22:14

Instrument :
 BNA_F
 ClientSampleID :
 PB89340BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.1	50.6	76.0
111	48.9	37.8	56.6

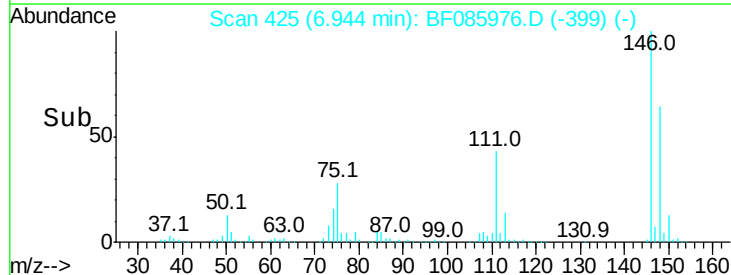
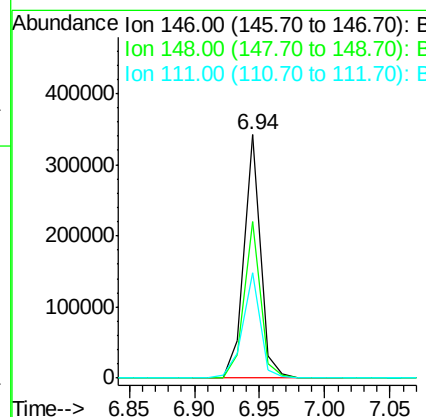
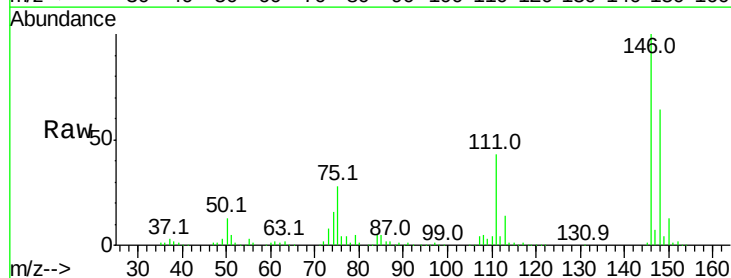
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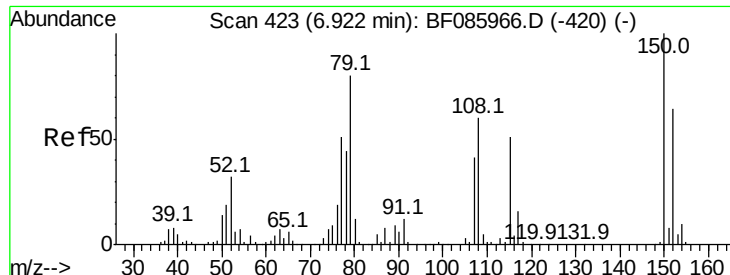
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#14
 1,2-Dichlorobenzene
 Concen: 38.88 ng
 RT: 6.94 min Scan# 425
 Delta R.T. 0.00 min
 Lab File: BF085976.D
 Acq: 1 Apr 2016 22:14

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.4	77.2
111	43.3	34.6	52.0





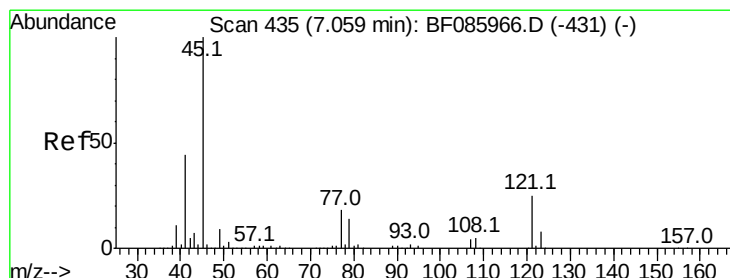
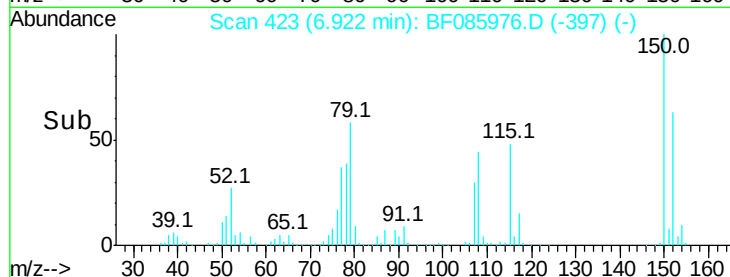
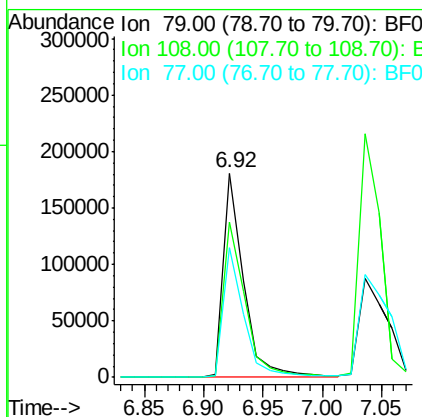
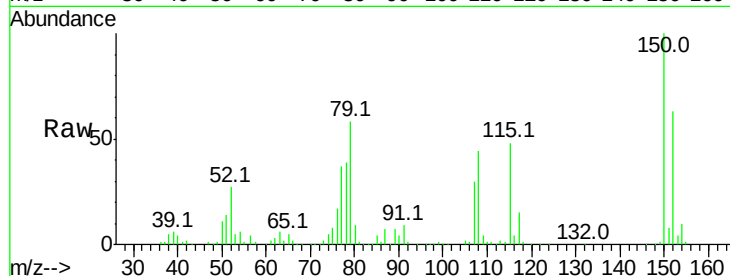
#15
Benzyl Alcohol
Concen: 41.02 ng
RT: 6.92 min Scan# 423
Delta R.T. 0.00 min
Lab File: BF085976.D
Acq: 1 Apr 2016 22:14

Instrument :
BNA_F
ClientSampled :
PB89340BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	75.9	61.8	92.6
77	63.7	49.6	74.4

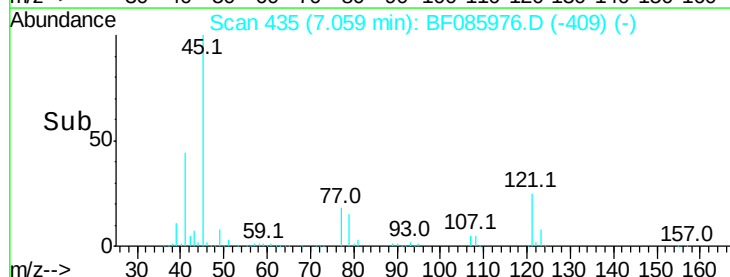
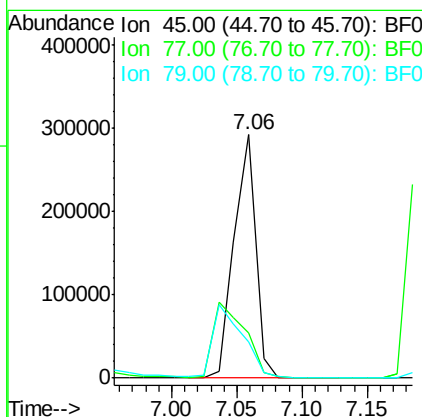
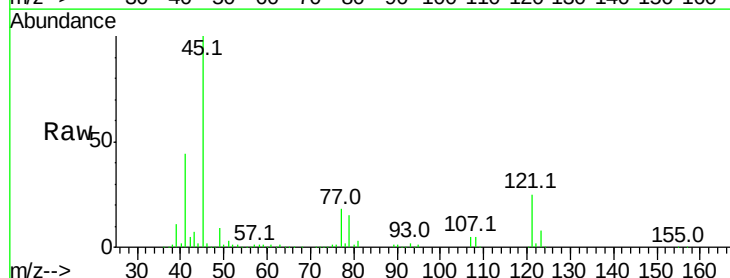
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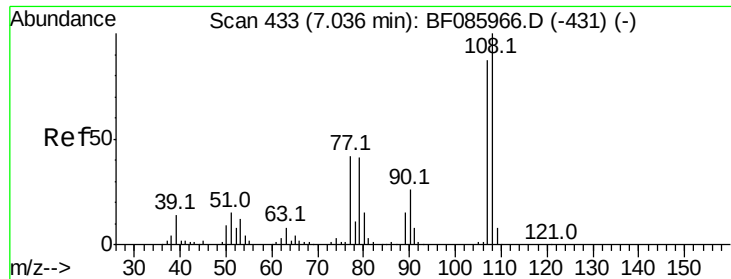
Sohil
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#16
2,2'-oxybis(1-chloropropane)
Concen: 37.70 ng
RT: 7.06 min Scan# 435
Delta R.T. 0.00 min
Lab File: BF085976.D
Acq: 1 Apr 2016 22:14

Tgt Ion	Ratio	Lower	Upper
45	100		
77	18.4	0.0	35.7
79	15.0	0.0	32.2





#17

2-Methylphenol

Concen: 38.76 ng

RT: 7.04 min Scan# 433

Delta R.T. 0.00 min

Lab File: BF085976.D

Acq: 1 Apr 2016 22:14

Instrument :

BNA_F

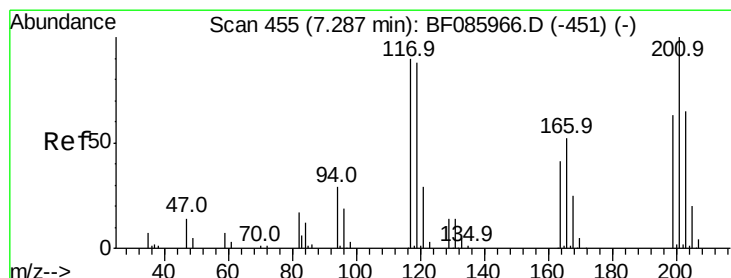
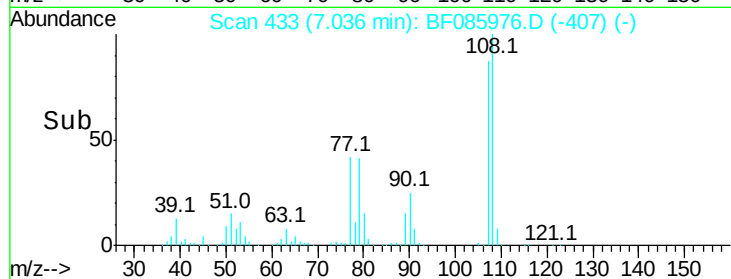
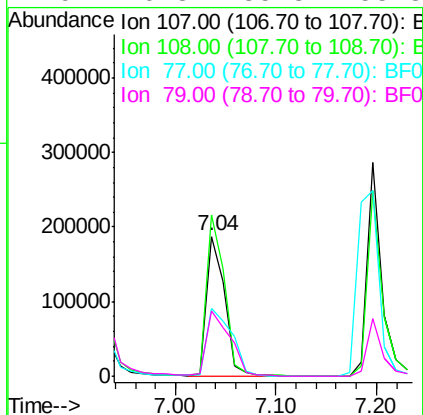
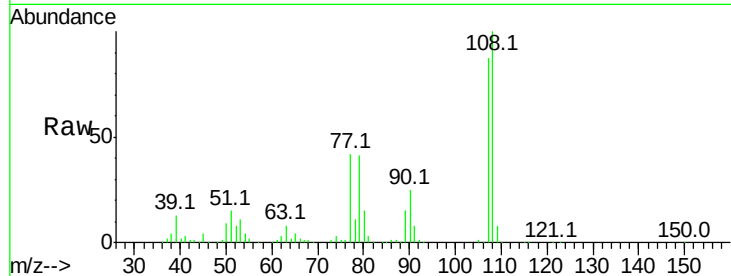
ClientSampleId :

PB89340BS

Tot Ion:	107	Resp:	232260
Ion Ratio	Lower	Upper	
107	100		
108	114.7	91.4	137.0
77	48.2	36.2	54.2
79	46.8	35.8	53.8

Manual Integrations
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#18

Hexachloroethane

Concen: 37.72 ng

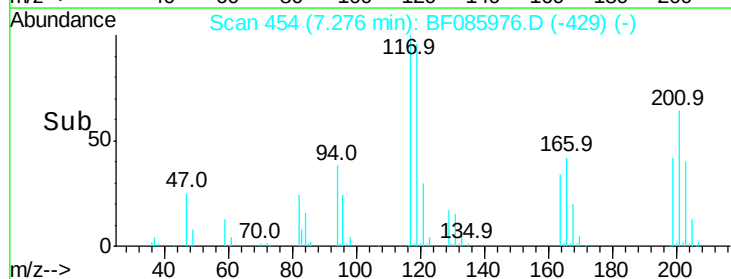
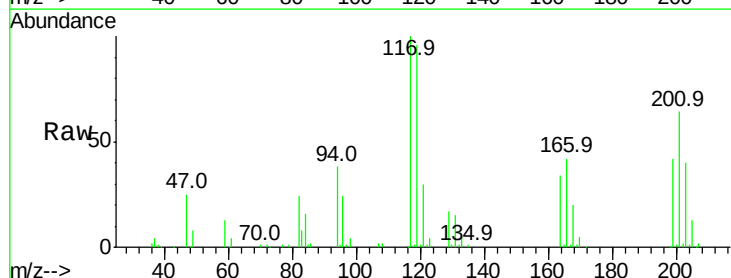
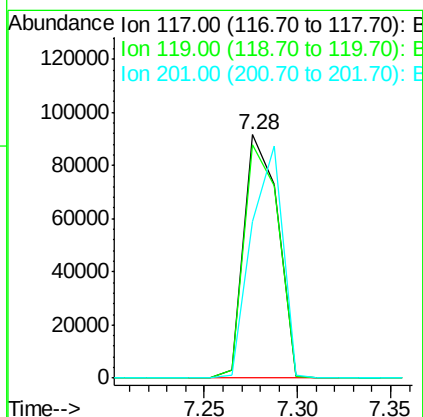
RT: 7.28 min Scan# 454

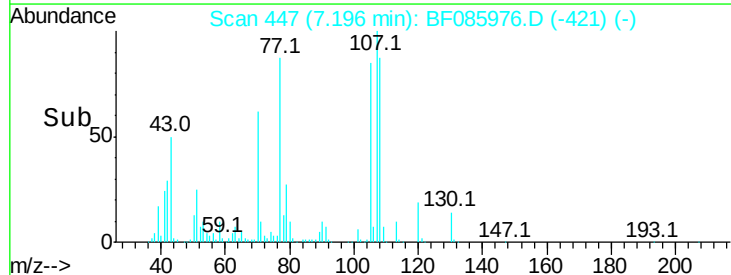
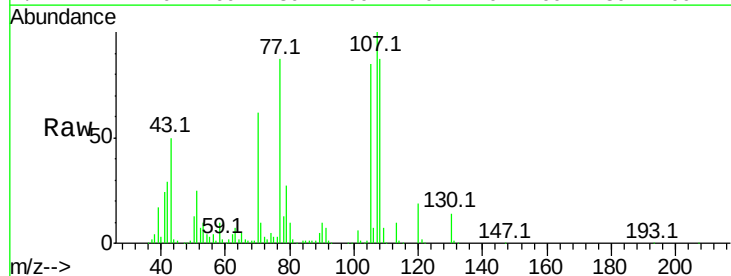
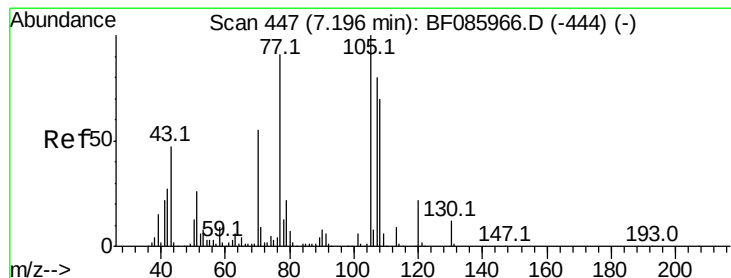
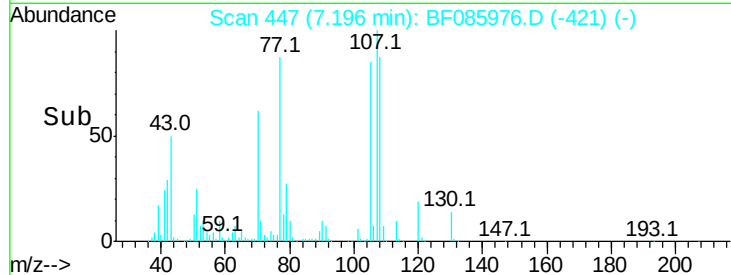
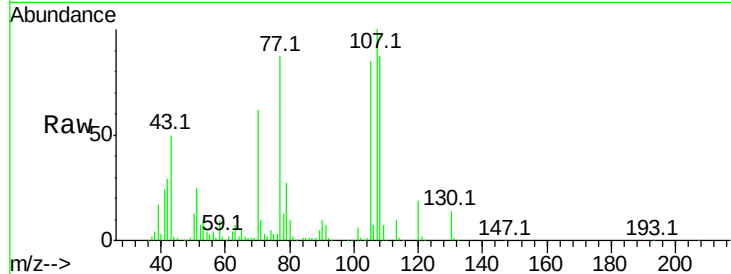
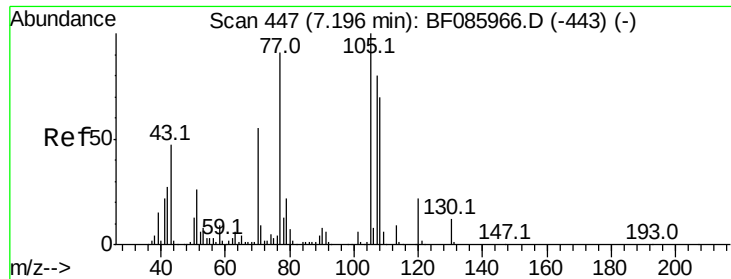
Delta R.T. -0.01 min

Lab File: BF085976.D

Acq: 1 Apr 2016 22:14

Tgt Ion:	117	Resp:	115135
Ion Ratio	Lower	Upper	
117	100		
119	96.0	76.7	115.1
201	64.1	83.3	124.9#





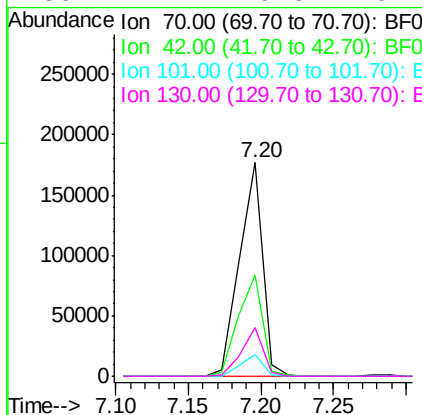
#19
n-Nitroso-di-n-propylamine
Concen: 39.08 ng
RT: 7.20 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF085976.D
Acq: 1 Apr 2016 22:14

Instrument :
BNA_F
ClientSampleId :
PB89340BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		196088		
42	47.4	37.1	55.7		
101	10.3	8.6	12.8		
130	22.7	19.6	29.4		

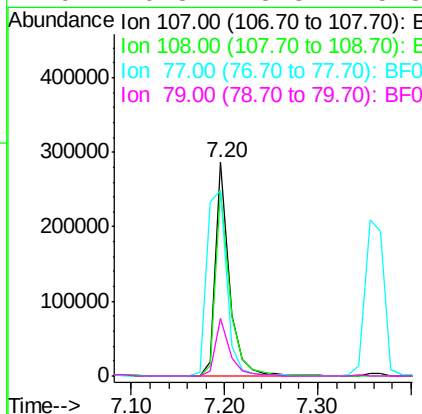
Manual Integrations
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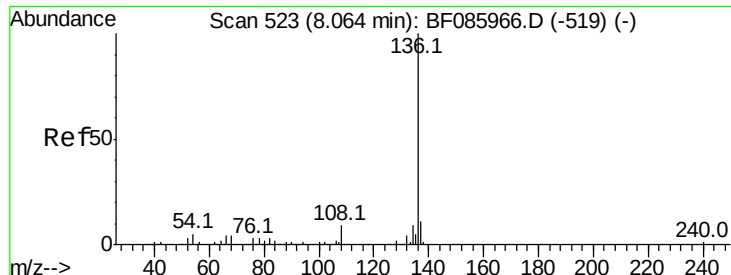
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#20
3+4-Methylphenols
Concen: 39.94 ng
RT: 7.20 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF085976.D
Acq: 1 Apr 2016 22:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		291139		
108	86.9	69.3	109.3		
77	86.8	101.7	141.7		
79	26.8	8.3	48.3		





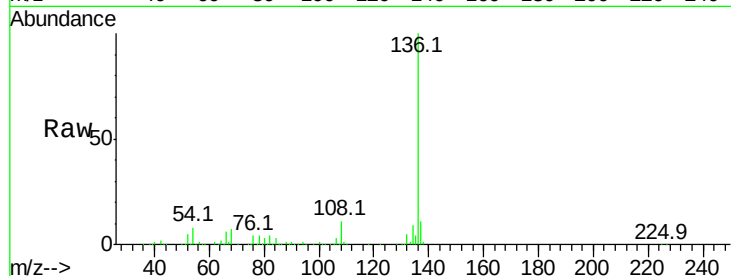
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF085976.D
Acq: 1 Apr 2016 22:14

Instrument :
BNA_F
ClientSampleId :
PB89340BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	419014		
137	11.0	9.1	13.7	
54	8.2	7.4	11.0	
68	6.6	5.8	8.8	

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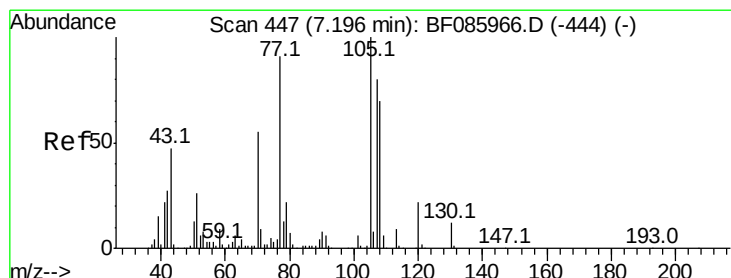
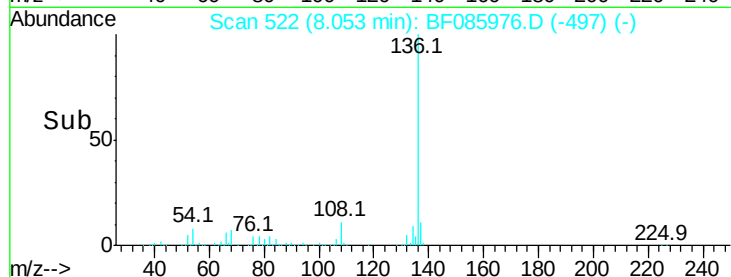
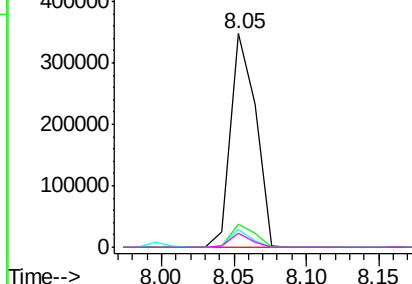
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22
Acetophenone
Concen: 39.53 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF085976.D
Acq: 1 Apr 2016 22:14

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	389331		
71	5.4	3.6	5.4#	
51	26.0	25.4	38.0	
120	21.0	16.9	25.3	

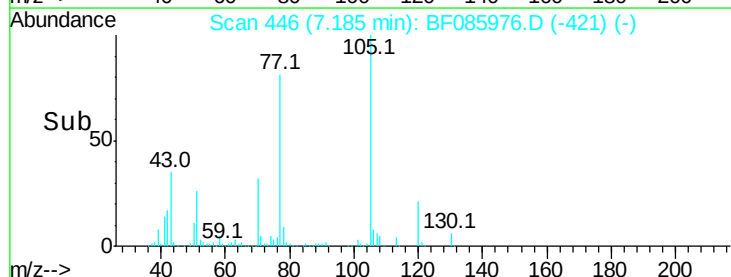
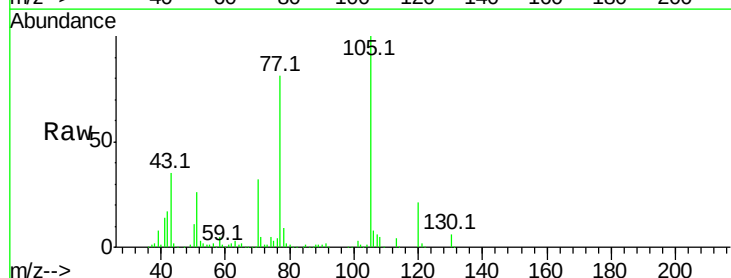
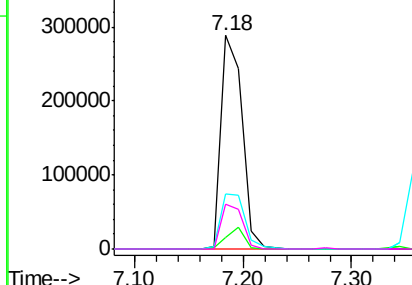
Abundance

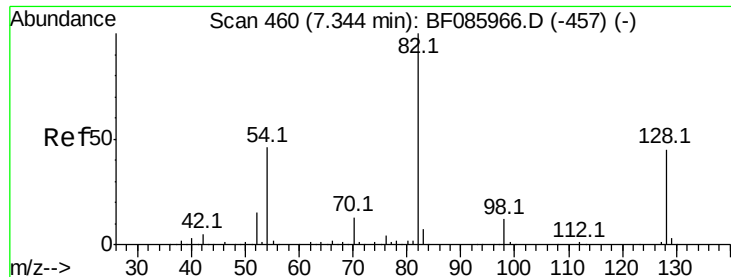
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





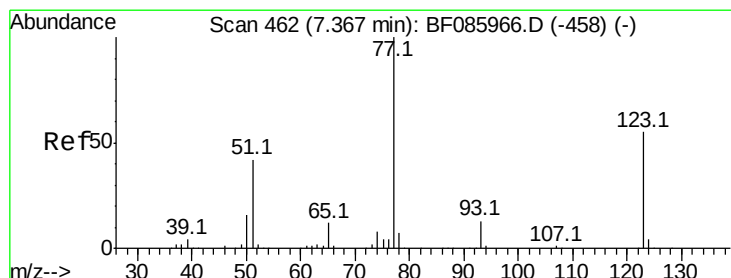
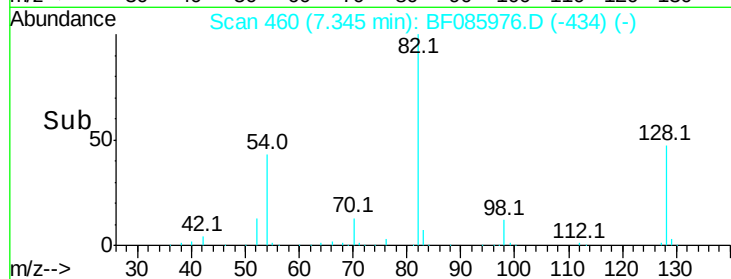
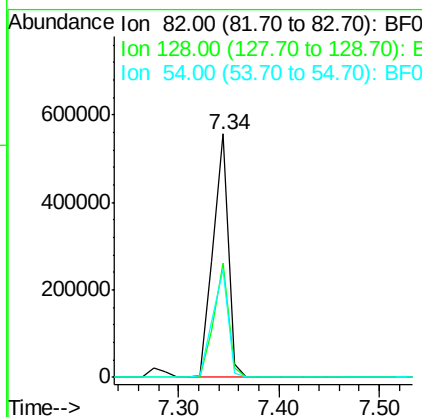
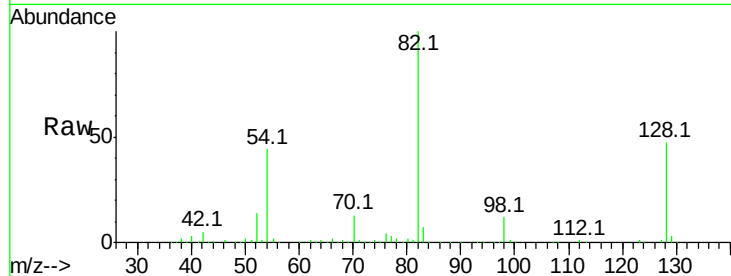
#23
 Nitrobenzene-d5
 Concen: 83.09 ng
 RT: 7.34 min Scan# 460
 Delta R.T. 0.00 min
 Lab File: BF085976.D
 Acq: 1 Apr 2016 22:14

Instrument :
 BNA_F
 ClientSampleId :
 PB89340BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	590390		
128	46.9	41.8	62.8	
54	44.1	33.4	50.0	

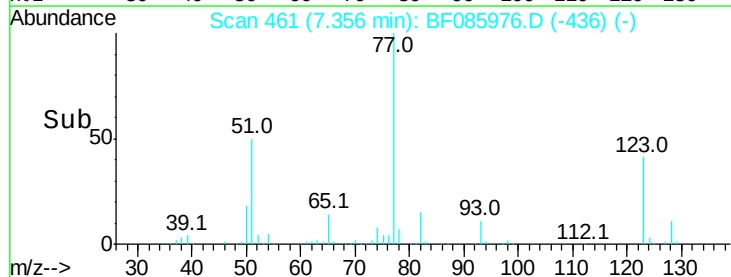
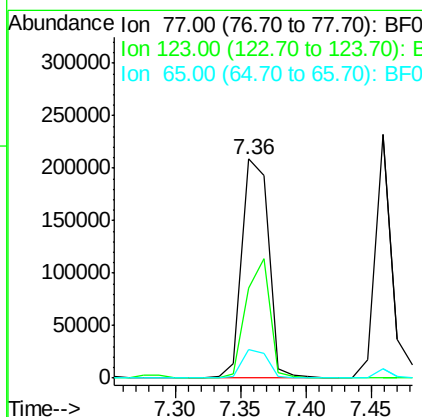
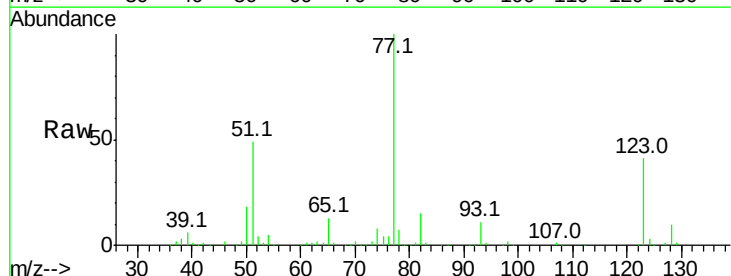
Manual Integrations
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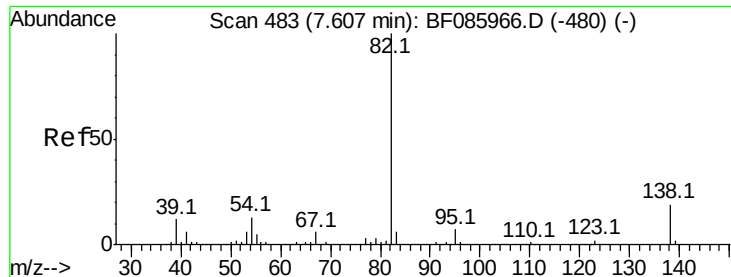
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#24
 Nitrobenzene
 Concen: 37.71 ng
 RT: 7.36 min Scan# 461
 Delta R.T. -0.01 min
 Lab File: BF085976.D
 Acq: 1 Apr 2016 22:14

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	293147		
123	40.9	35.0	52.4	
65	13.2	10.6	16.0	





#25

Isophorone

Concen: 39.35 ng

RT: 7.60 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF085976.D

Acq: 1 Apr 2016 22:14

Instrument :

BNA_F

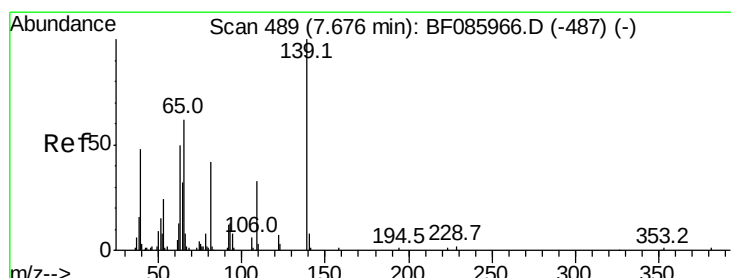
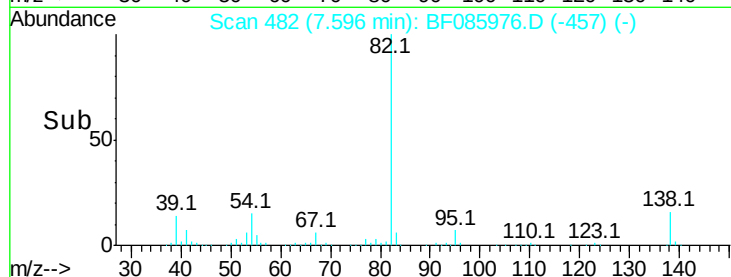
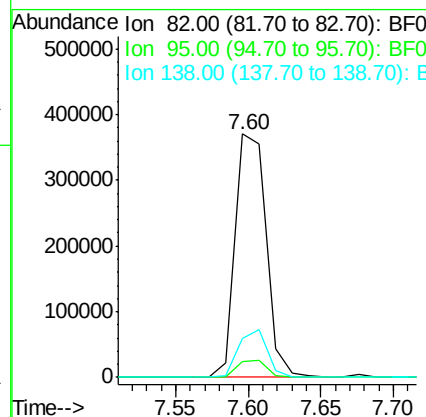
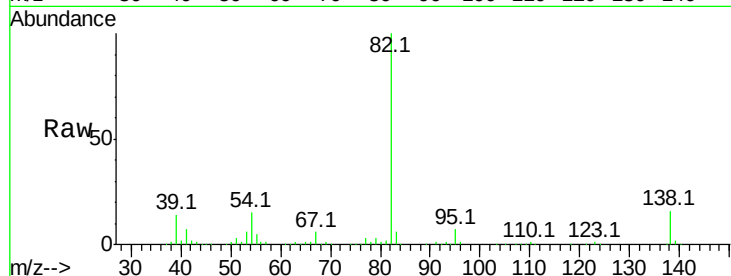
ClientSampleId :

PB89340BS

Tot Ion:	82	Resp:	551954
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.4	8.2
138	15.7	12.9	19.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 40.90 ng

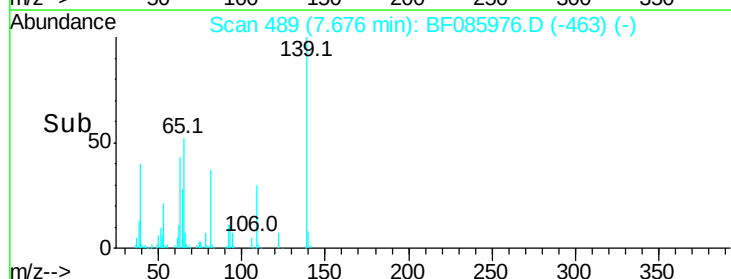
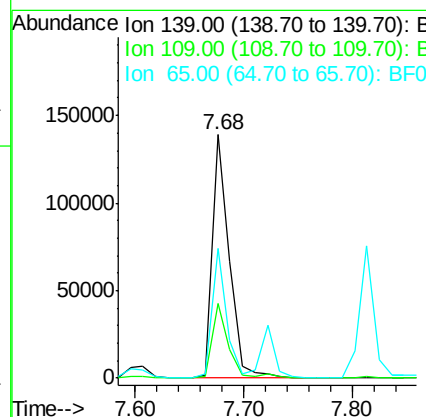
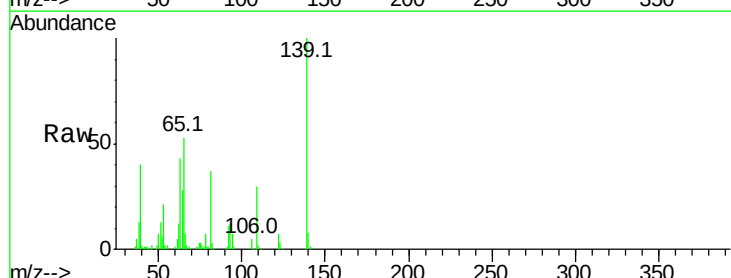
RT: 7.68 min Scan# 489

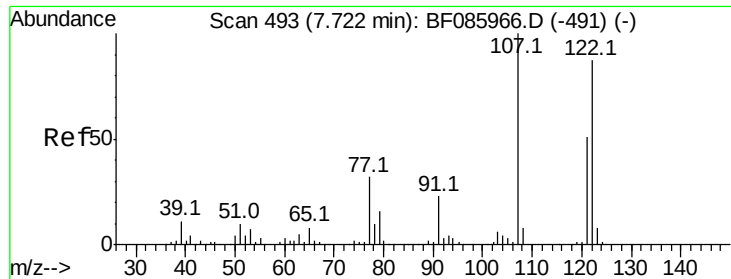
Delta R.T. 0.00 min

Lab File: BF085976.D

Acq: 1 Apr 2016 22:14

Tgt Ion:	139	Resp:	152127
Ion Ratio	Lower	Upper	
139	100		
109	30.5	22.1	33.1
65	53.2	33.9	50.9#





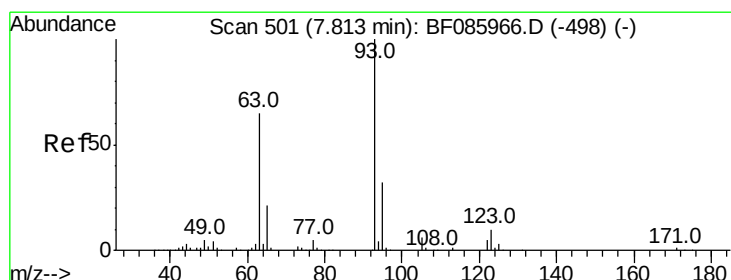
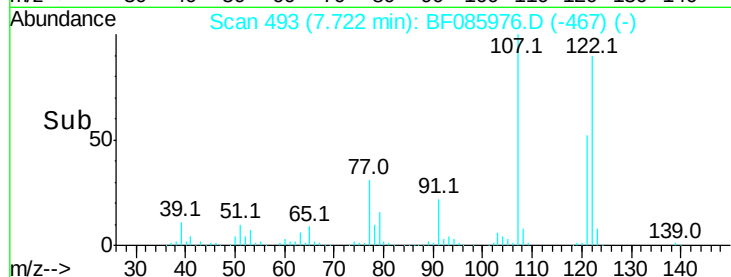
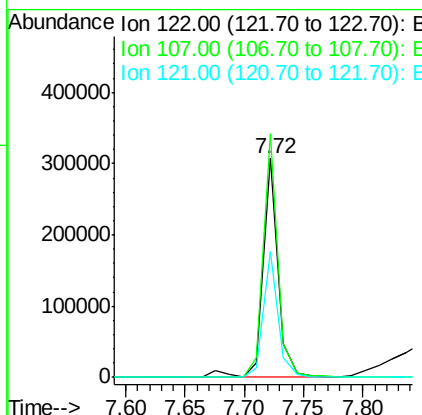
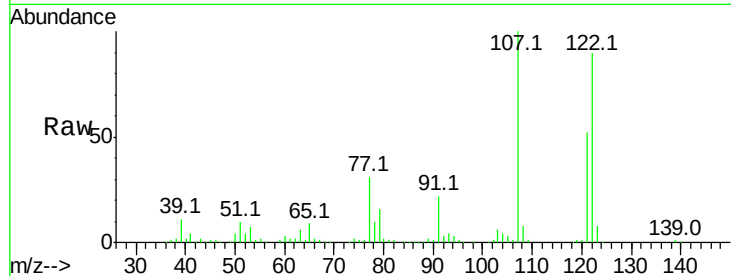
#27
 2,4-Dimethylphenol
 Concen: 41.19 ng
 RT: 7.72 min Scan# 493
 Delta R.T. 0.00 min
 Lab File: BF085976.D
 Acq: 1 Apr 2016 22:14

Instrument :
 BNA_F
 ClientSampleId :
 PB89340BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		275108		
107	111.3	93.0	139.6		
121	57.5	45.9	68.9		

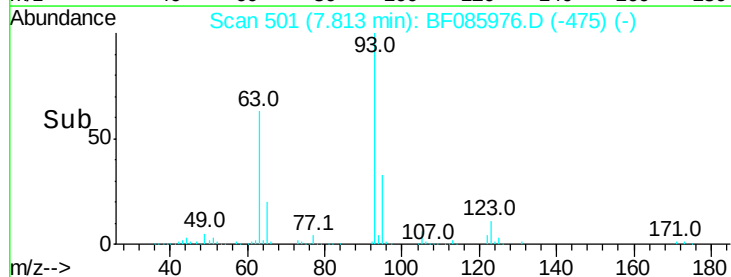
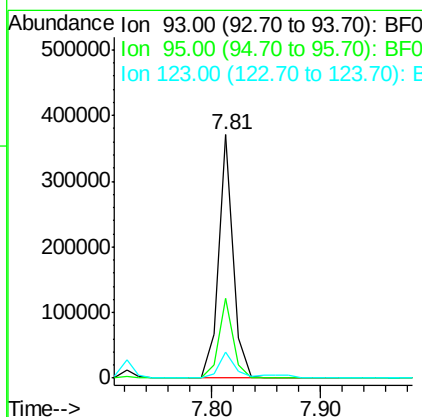
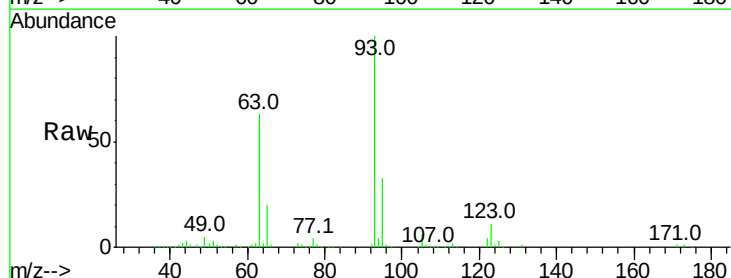
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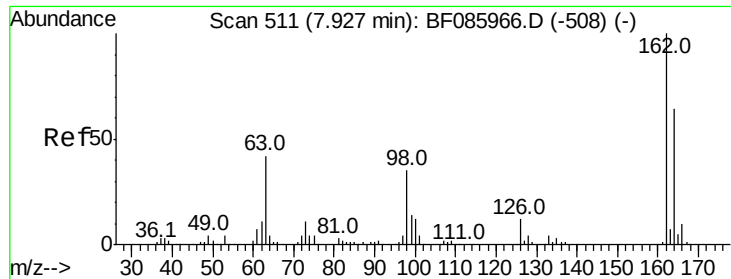
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#28
 bis(2-Chloroethoxy)methane
 Concen: 42.15 ng
 RT: 7.81 min Scan# 501
 Delta R.T. 0.00 min
 Lab File: BF085976.D
 Acq: 1 Apr 2016 22:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		346869		
95	32.8	26.4	39.6		
123	10.8	9.8	14.6		





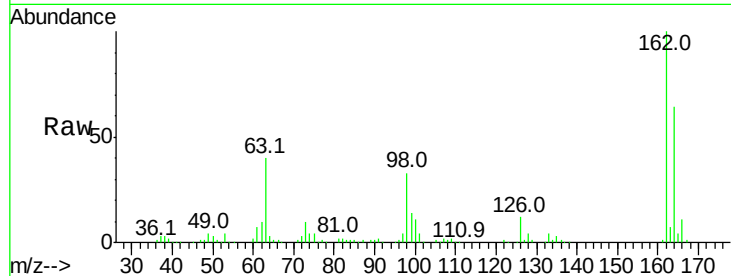
#29
 2,4-Dichlorophenol
 Concen: 41.48 ng
 RT: 7.93 min Scan# 511
 Delta R.T. 0.00 min
 Lab File: BF085976.D
 Acq: 1 Apr 2016 22:14

Instrument :
 BNA_F
 ClientSampleId :
 PB89340BS

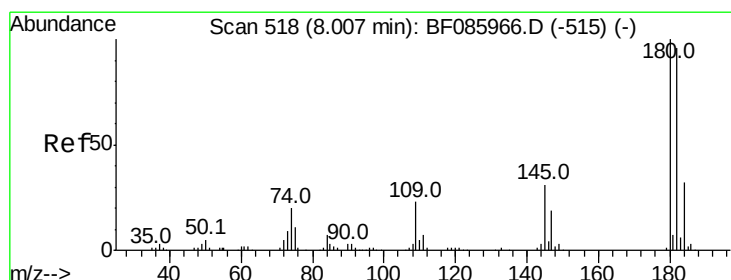
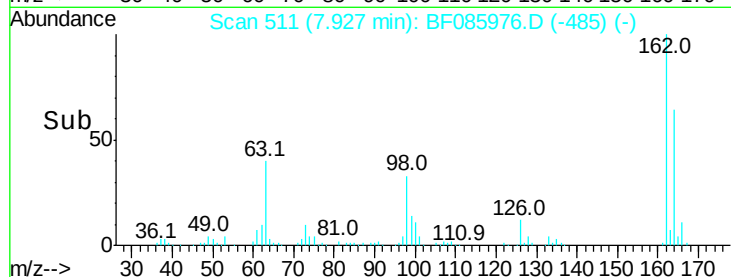
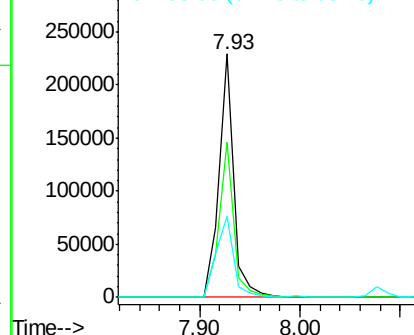
Tot Ion	Ratio	Resp	Lower	Upper
162	100	234227		
164	63.9	43.7	83.7	
98	33.2	20.4	60.4	

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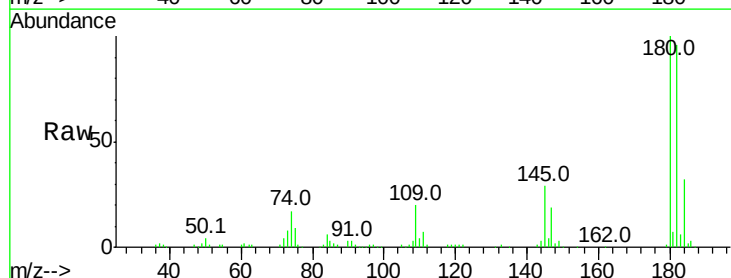


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

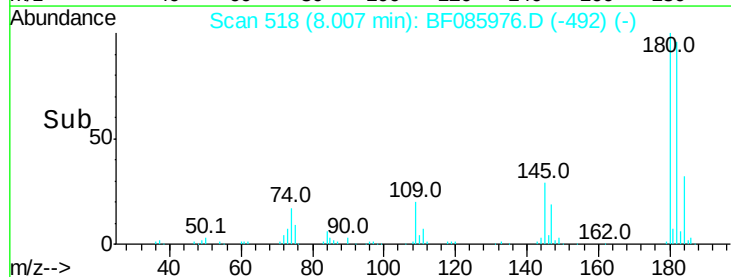
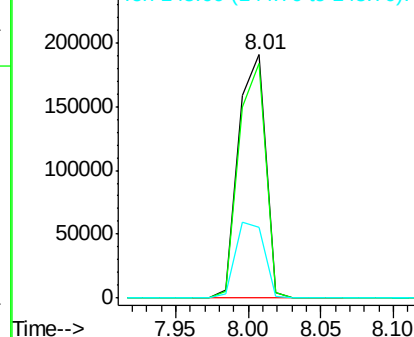


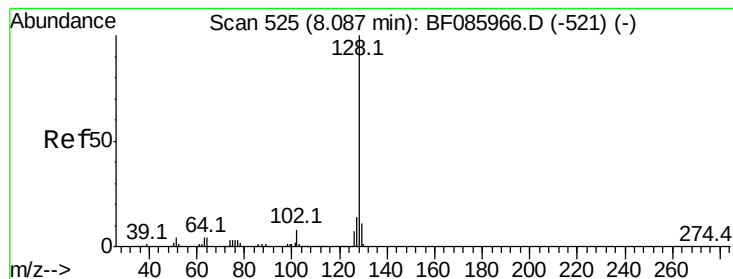
#30
 1,2,4-Trichlorobenzene
 Concen: 39.05 ng
 RT: 8.01 min Scan# 518
 Delta R.T. 0.00 min
 Lab File: BF085976.D
 Acq: 1 Apr 2016 22:14

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	247564		
182	96.2	73.8	110.8	
145	28.8	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: 39.11 ng

RT: 8.08 min Scan# 524

Delta R.T. -0.01 min

Lab File: BF085976.D

Acq: 1 Apr 2016 22:14

Instrument :

BNA_F

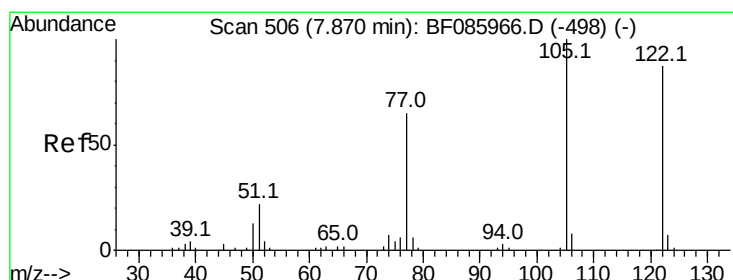
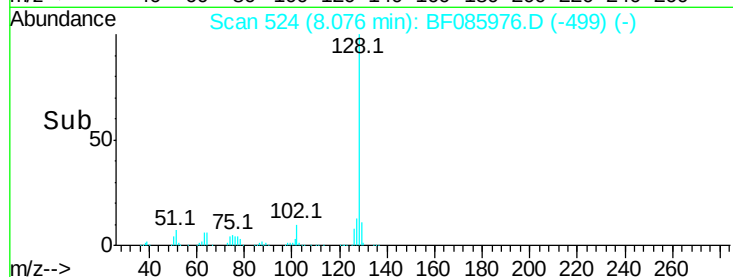
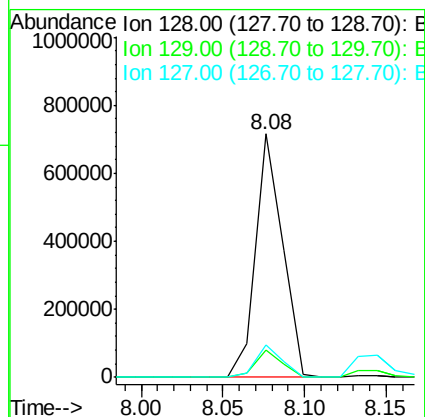
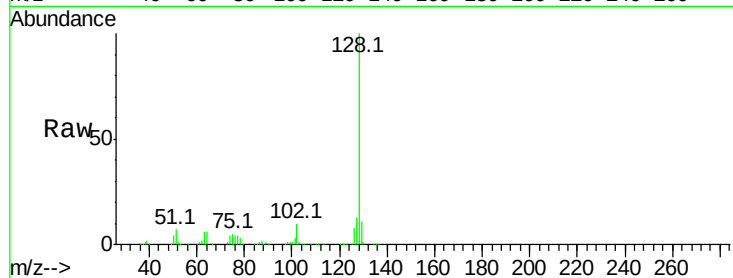
ClientSampleId :

PB89340BS

Tot Ion:	128	Resp:	824260
Ion Ratio	Lower	Upper	
128	100		
129	11.2	9.4	14.0
127	13.4	11.0	16.6

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#32

Benzoic acid

Concen: 35.67 ng

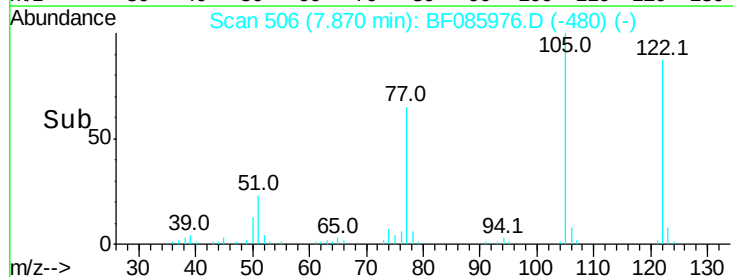
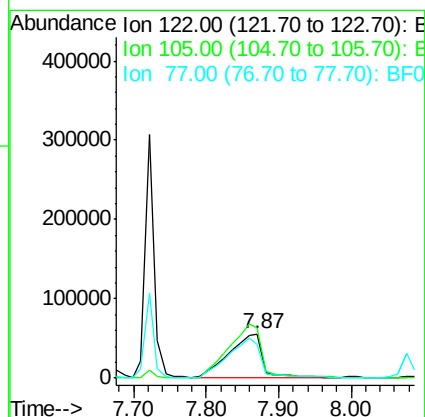
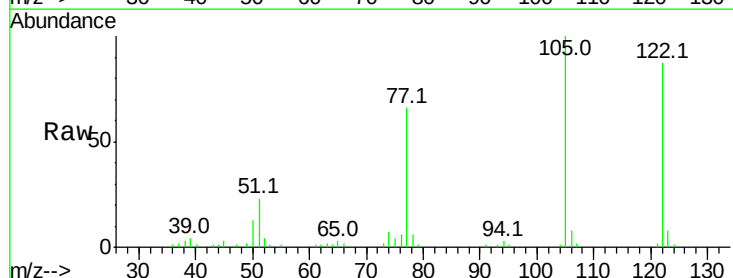
RT: 7.87 min Scan# 506

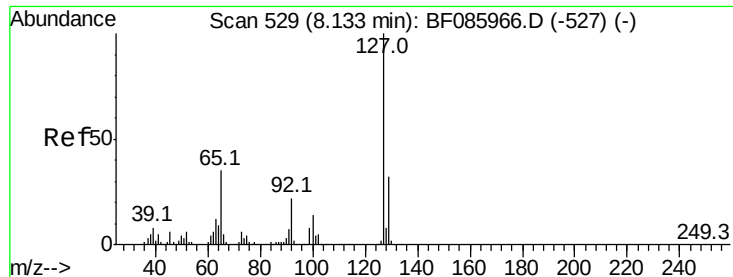
Delta R.T. 0.00 min

Lab File: BF085976.D

Acq: 1 Apr 2016 22:14

Tgt Ion:	122	Resp:	174797
Ion Ratio	Lower	Upper	
122	100		
105	115.3	102.9	142.9
77	76.2	71.8	111.8





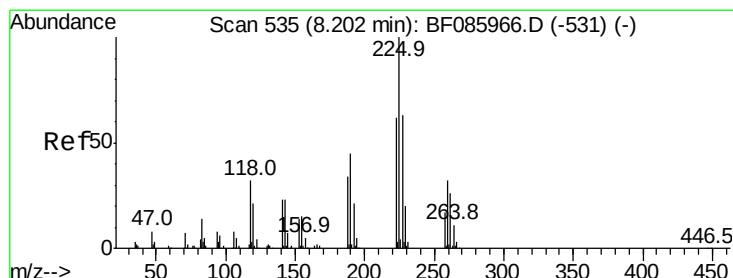
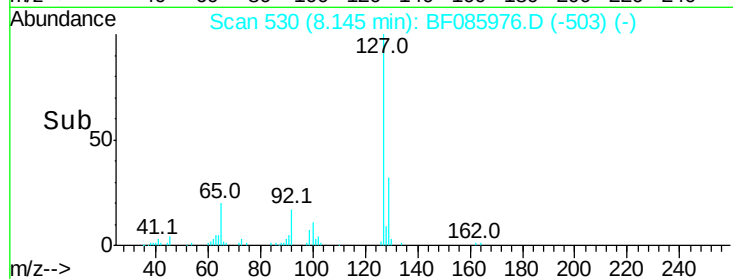
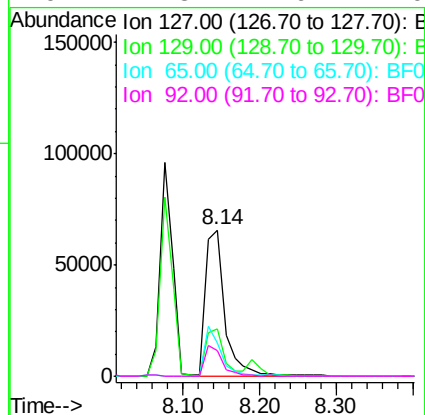
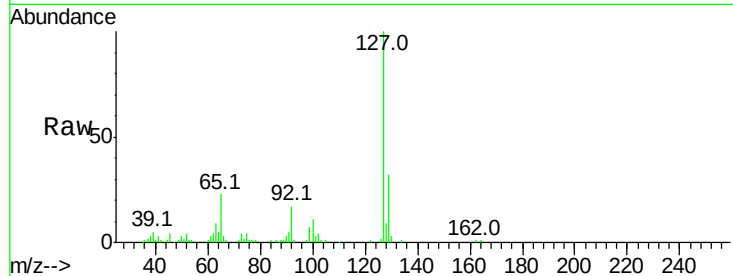
#33
4-Chloroaniline
Concen: 13.41 ng
RT: 8.14 min Scan# 530
Delta R.T. 0.01 min
Lab File: BF085976.D
Acq: 1 Apr 2016 22:14

Instrument :
BNA_F
ClientSampled :
PB89340BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.3	26.1	39.1	
65	22.7	19.5	29.3	
92	17.3	14.6	22.0	

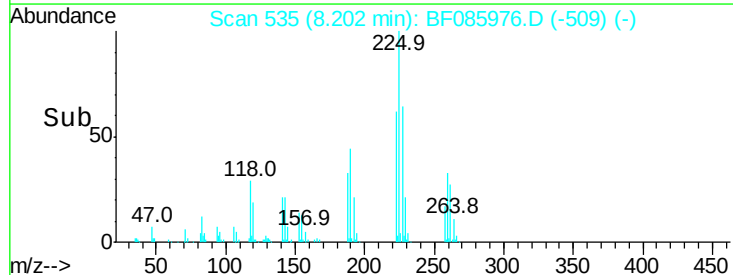
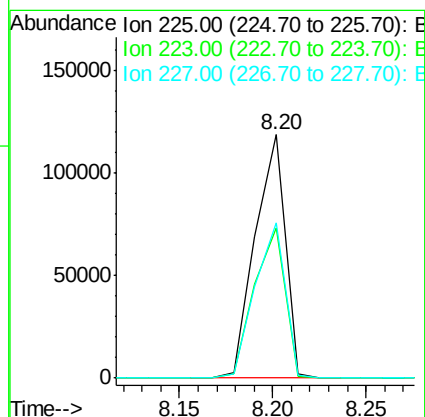
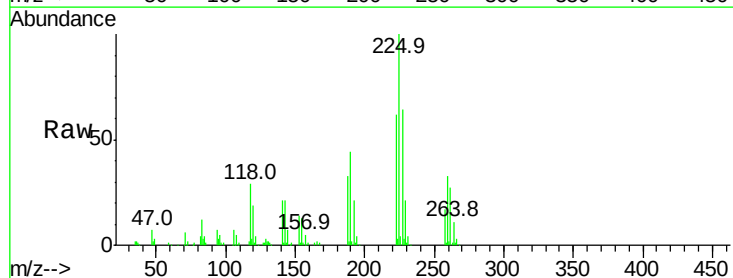
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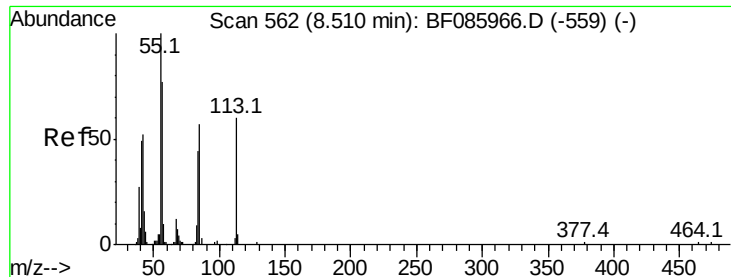
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#34
Hexachlorobutadiene
Concen: 38.76 ng
RT: 8.20 min Scan# 535
Delta R.T. 0.00 min
Lab File: BF085976.D
Acq: 1 Apr 2016 22:14

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.6	50.4	75.6	
227	63.9	51.4	77.2	





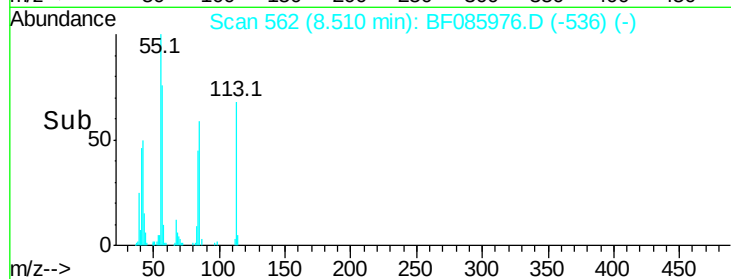
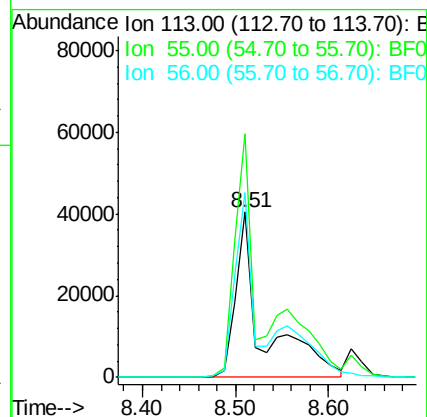
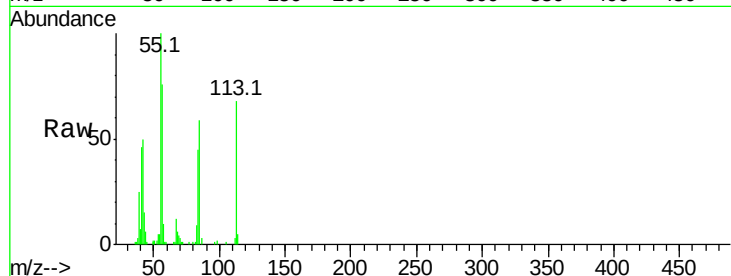
#35
 Caprolactam
 Concen: 46.11 ng/ml
 RT: 8.51 min Scan# 562
 Delta R.T. 0.00 min
 Lab File: BF085976.D
 Acq: 1 Apr 2016 22:14

Instrument :
 BNA_F
 ClientSampleId :
 PB89340BS

Manual Integrations
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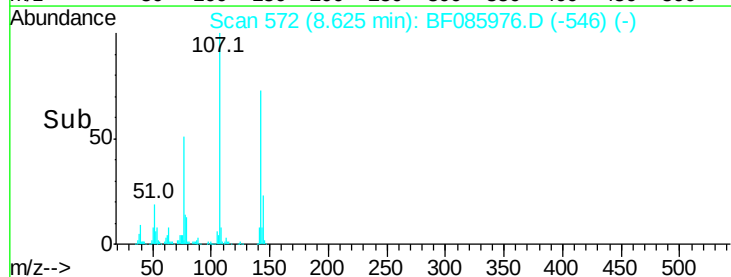
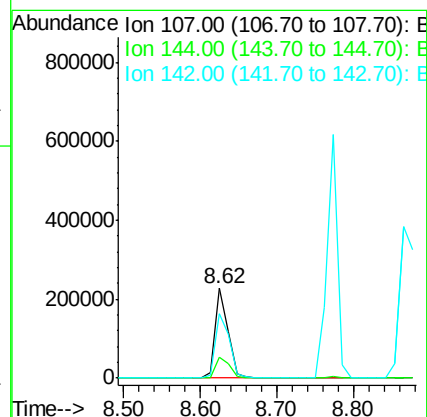
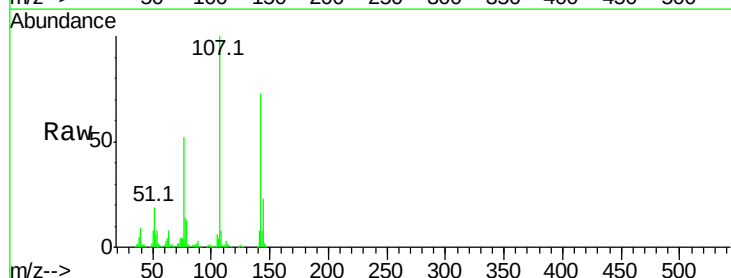
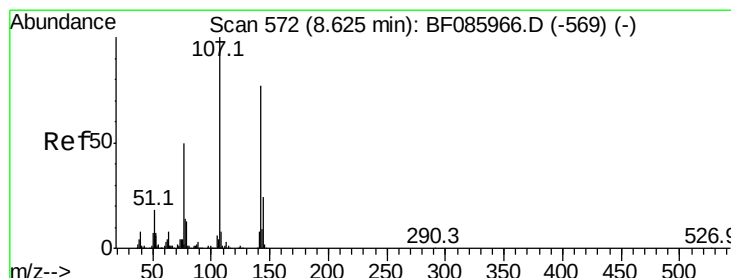
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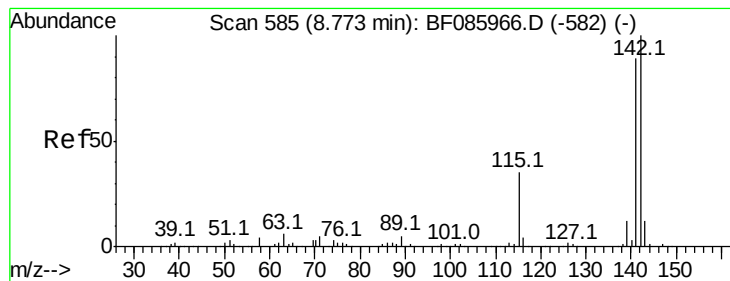
Tot Ion	Ratio	Lower	Upper
113	100		
55	147.5	139.4	179.4
56	112.3	100.4	140.4



#36
 4-Chloro-3-methylphenol
 Concen: 41.36 ng/ml
 RT: 8.62 min Scan# 572
 Delta R.T. 0.00 min
 Lab File: BF085976.D
 Acq: 1 Apr 2016 22:14

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.4	19.3	28.9
142	72.6	61.4	92.0





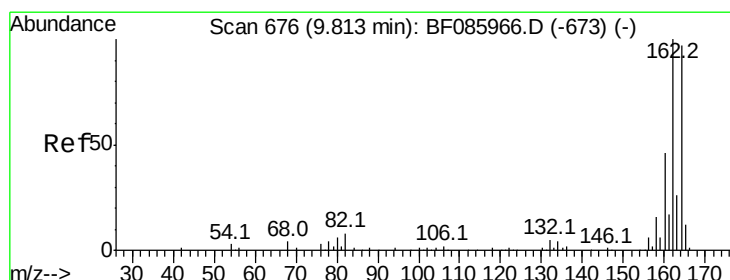
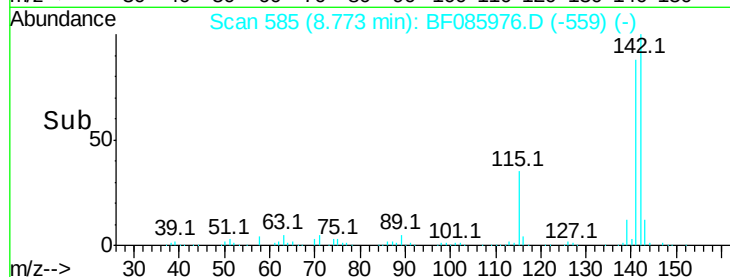
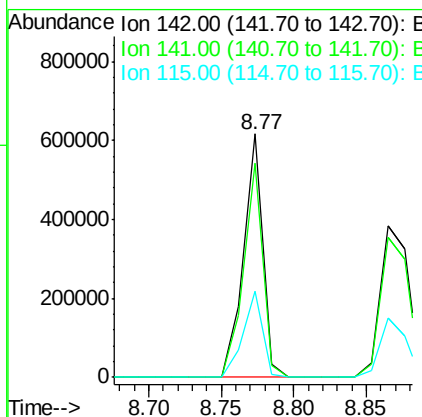
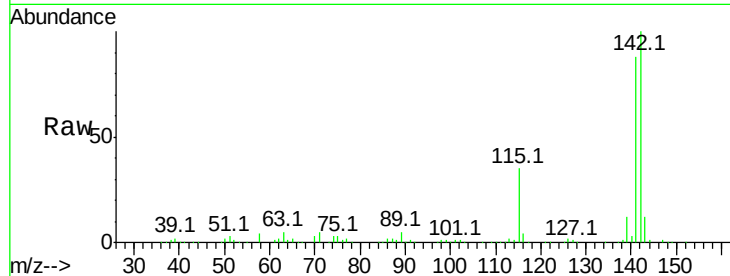
#37
2-Methylnaphthalene
Concen: 41.54 ng
RT: 8.77 min Scan# 585
Delta R.T. 0.00 min
Lab File: BF085976.D
Acq: 1 Apr 2016 22:14

Instrument :
BNA_F
ClientSampleId :
PB89340BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.1	71.6	107.4
115	35.2	26.8	40.2

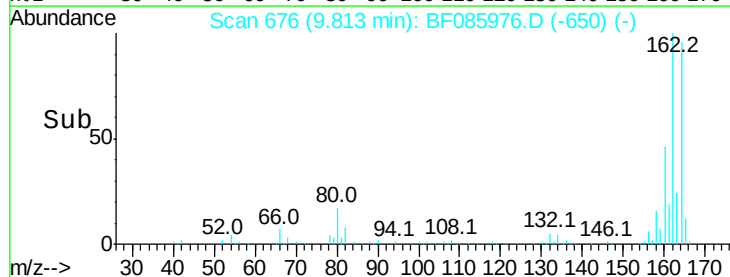
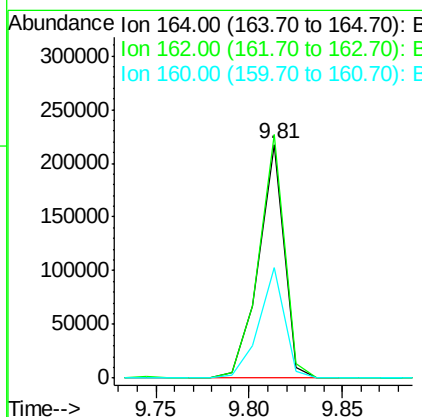
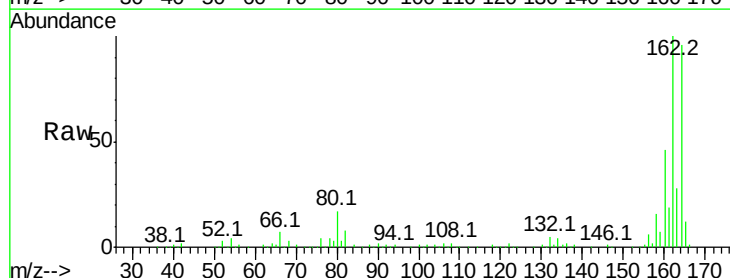
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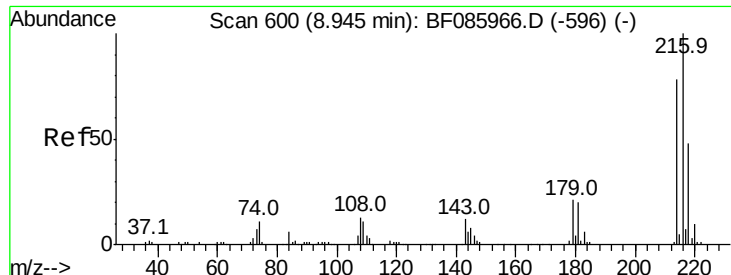
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.81 min Scan# 676
Delta R.T. 0.00 min
Lab File: BF085976.D
Acq: 1 Apr 2016 22:14

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.1	82.1	123.1
160	47.4	37.4	56.2





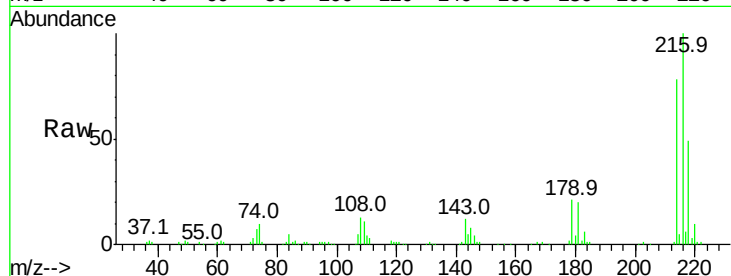
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.52 ng
 RT: 8.94 min Scan# 600
 Delta R.T. 0.00 min
 Lab File: BF085976.D
 Acq: 1 Apr 2016 22:14

Instrument :
 BNA_F
 ClientSampleId :
 PB89340BS

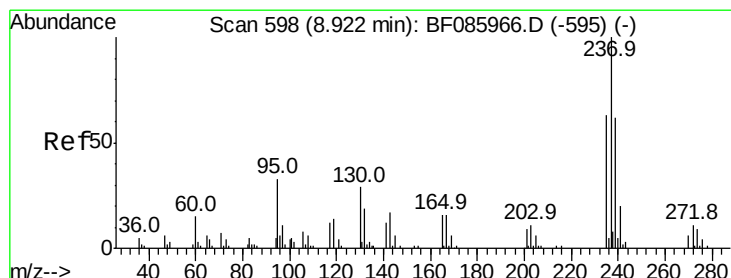
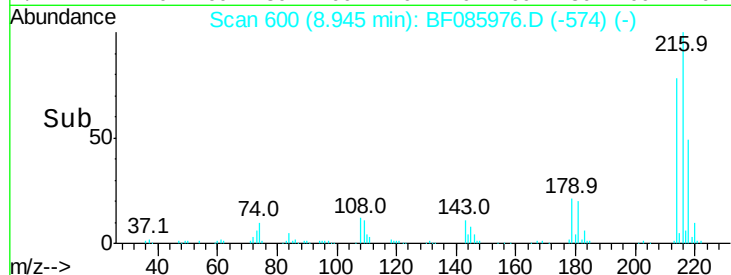
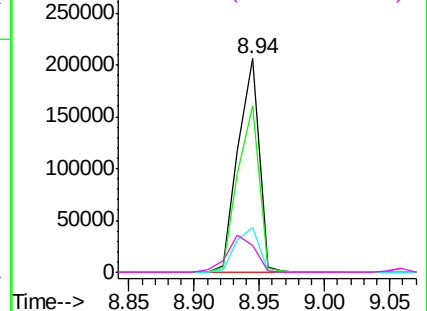
Tot Ion	Ratio	Resp	Lower	Upper
216	100	231225		
214	78.7	63.1	94.7	
179	22.8	18.2	27.2	
108	22.7	17.3	25.9	

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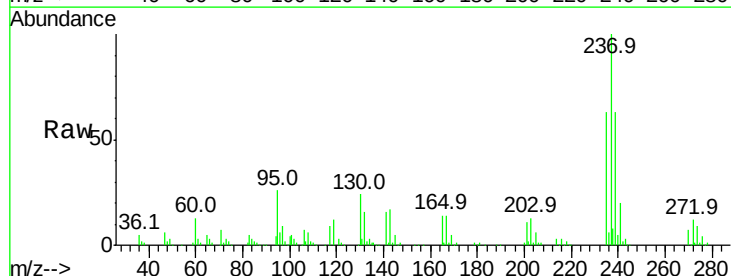


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

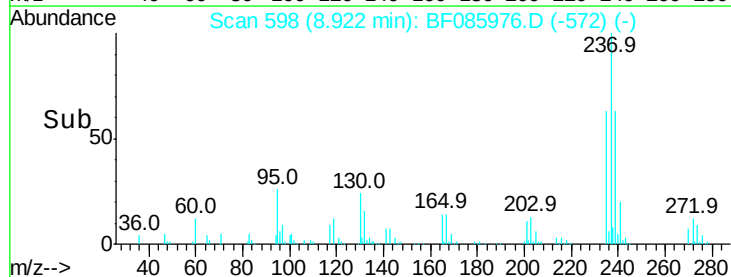
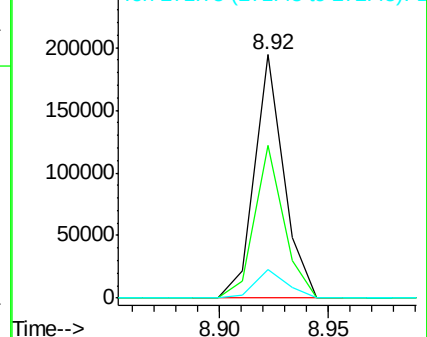


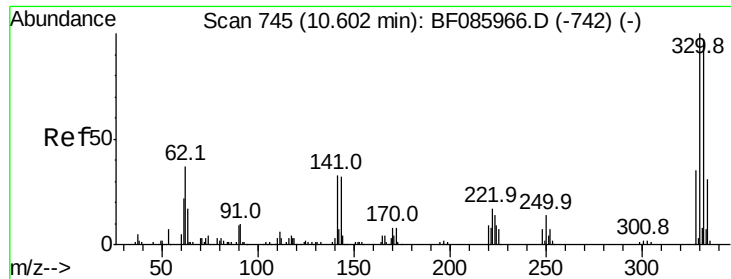
#40
 Hexachlorocyclopentadiene
 Concen: 80.87 ng
 RT: 8.92 min Scan# 598
 Delta R.T. 0.00 min
 Lab File: BF085976.D
 Acq: 1 Apr 2016 22:14

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	181252		
235	62.9	43.7	83.7	
272	11.6	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





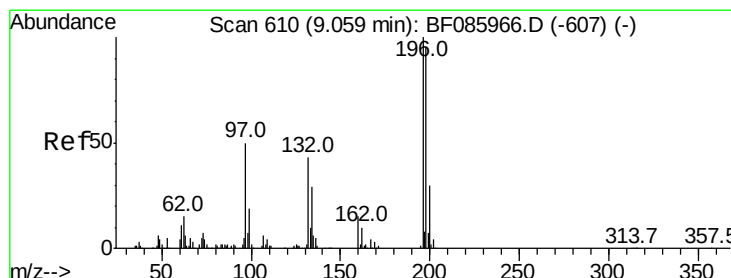
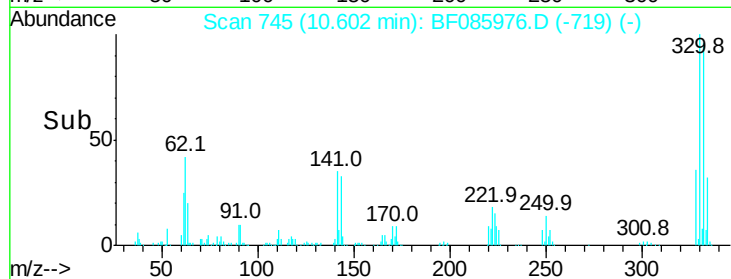
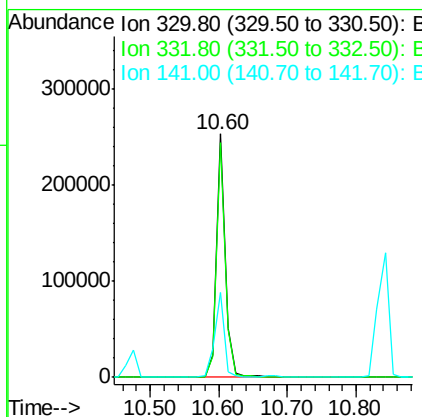
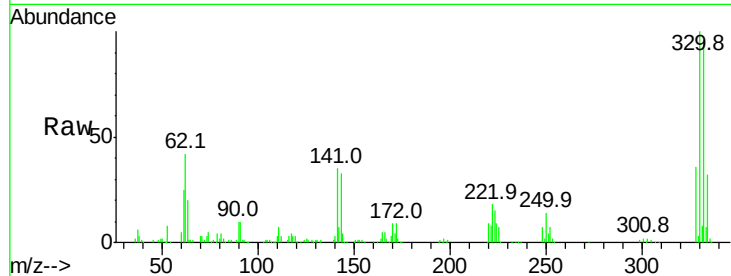
#41
 2,4,6-Tribromophenol
 Concen: 121.66 ng
 RT: 10.60 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: BF085976.D
 Acq: 1 Apr 2016 22:14

Instrument :
 BNA_F
 ClientSampleId :
 PB89340BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	234133		
332	96.5	78.2	117.2	
141	37.6	31.5	47.3	

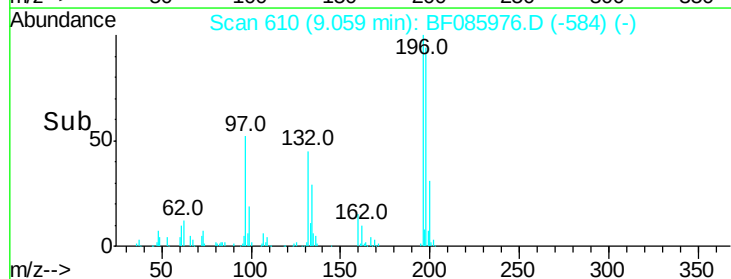
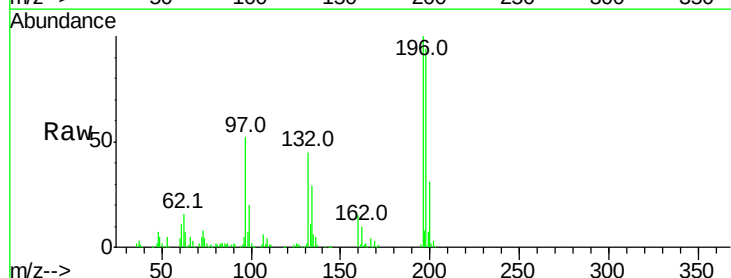
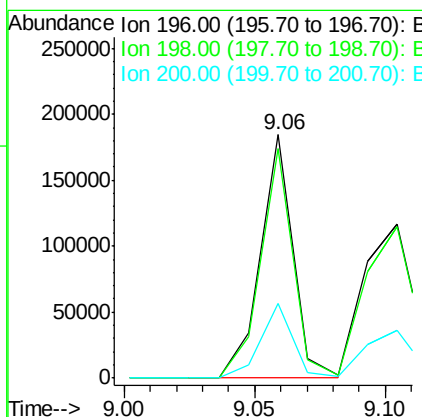
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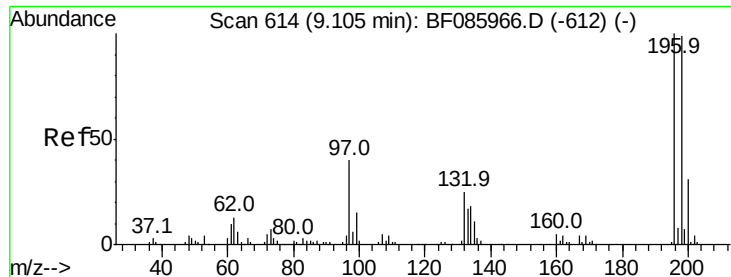
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#42
 2,4,6-Trichlorophenol
 Concen: 40.90 ng
 RT: 9.06 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: BF085976.D
 Acq: 1 Apr 2016 22:14

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	161868		
198	94.4	75.3	112.9	
200	30.8	23.7	35.5	





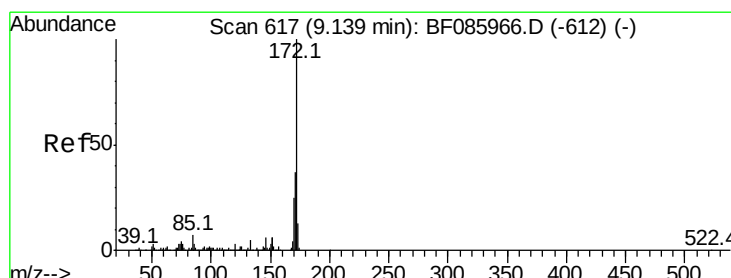
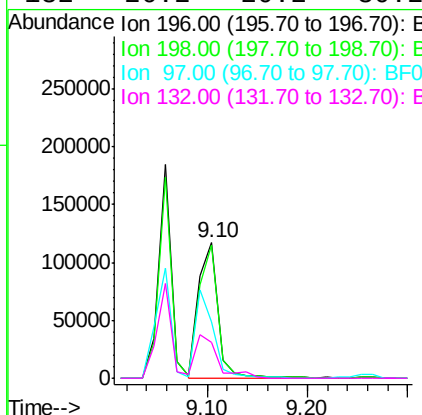
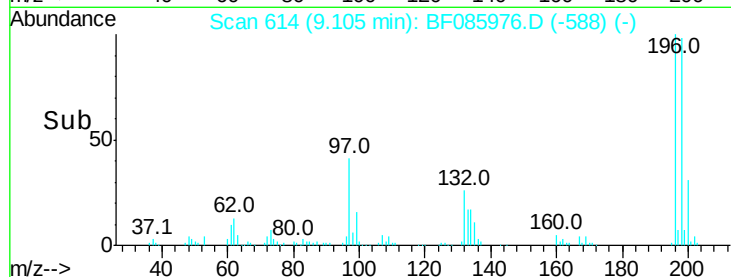
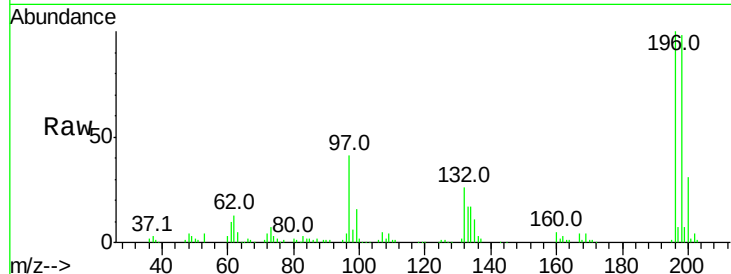
#43
 2,4,5-Trichlorophenol
 Concen: 39.64 ng
 RT: 9.10 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: BF085976.D
 Acq: 1 Apr 2016 22:14

Instrument :
 BNA_F
 ClientSampleId :
 PB89340BS

Tot Ion:	196	Resp:	159273
Ion Ratio	Lower	Upper	
196	100		
198	98.0	76.6	114.8
97	41.2	30.5	45.7
132	26.2	20.2	30.2

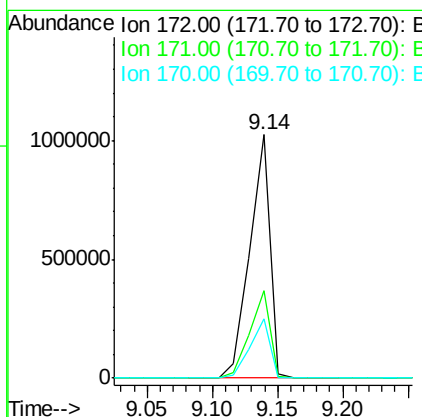
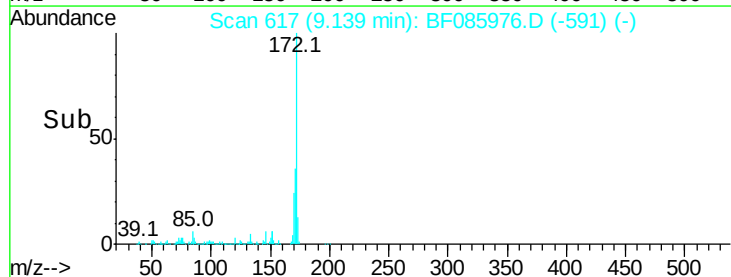
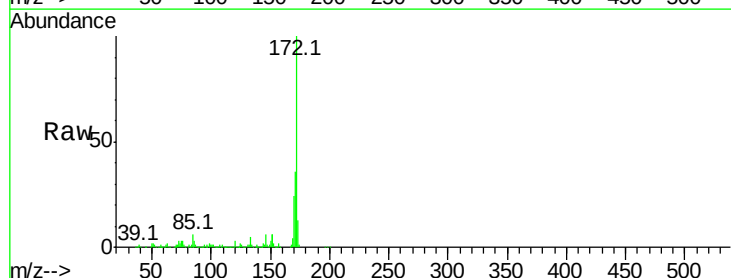
Manual Integrations
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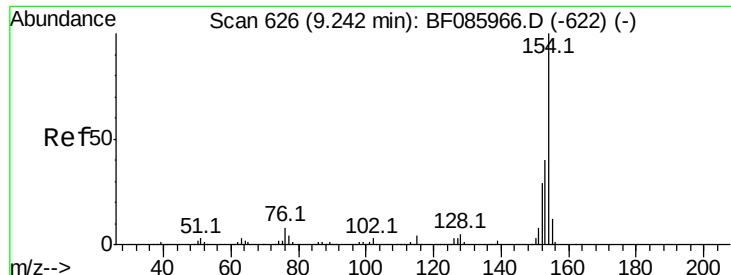
Sohil
 4/4/2016 7:33:54 PM



#44
 2-Fluorobiphenyl
 Concen: 89.19 ng
 RT: 9.14 min Scan# 617
 Delta R.T. 0.00 min
 Lab File: BF085976.D
 Acq: 1 Apr 2016 22:14

Tgt Ion:	172	Resp:	1099881
Ion Ratio	Lower	Upper	
172	100		
171	36.0	29.4	44.2
170	24.1	19.8	29.6





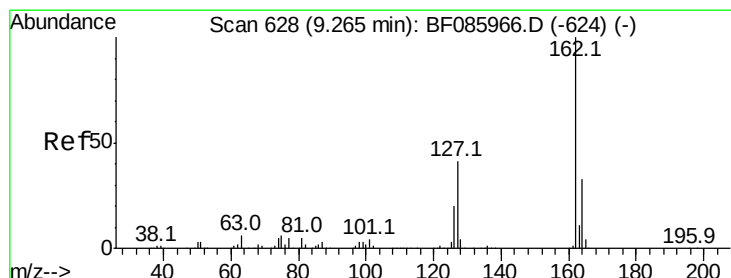
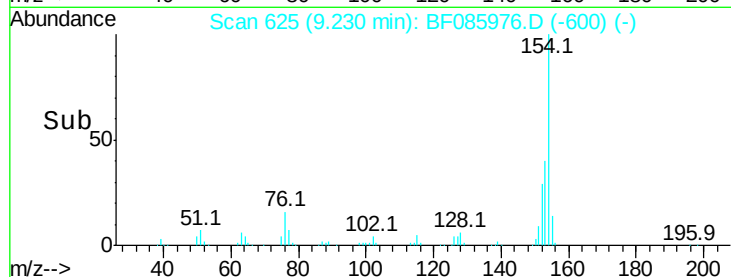
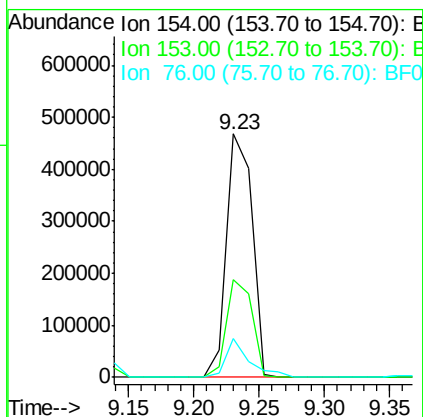
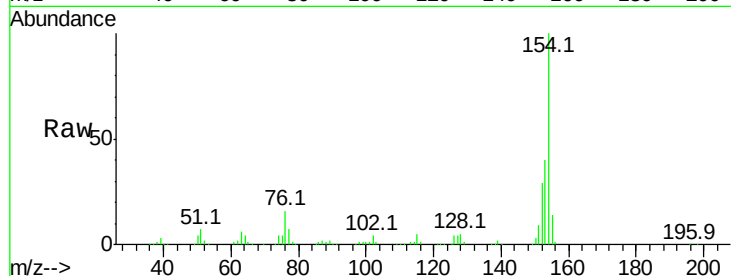
#45
 1,1'-Biphenyl
 Concen: 35.99 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF085976.D
 Acq: 1 Apr 2016 22:14

Instrument :
 BNA_F
 ClientSampleId :
 PB89340BS

Tot Ion:	154	Resp:	636341
Ion Ratio	Lower	Upper	
154	100		
153	40.3	20.8	60.8
76	16.0	0.0	36.7

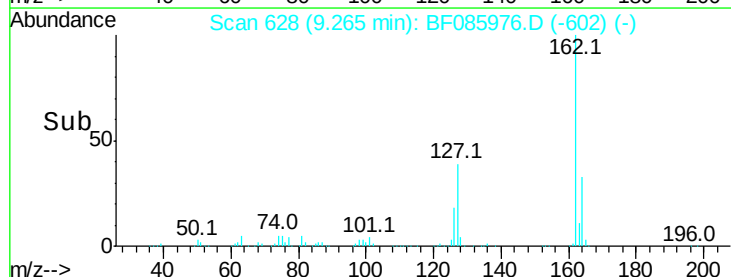
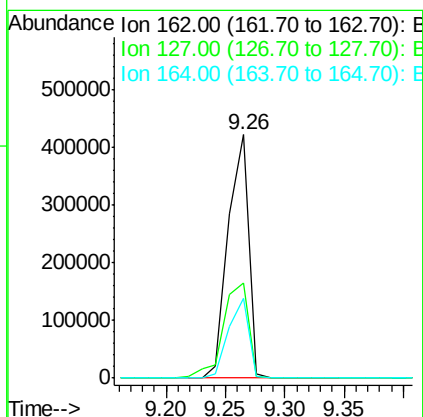
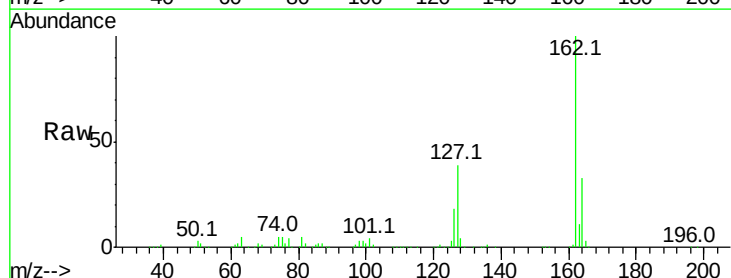
Manual Integrations
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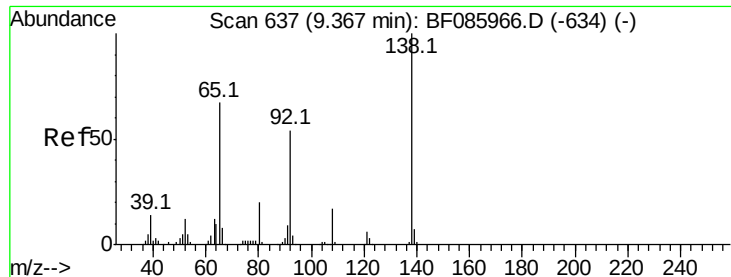
Sohil
 4/4/2016 7:33:54 PM



#46
 2-Chloronaphthalene
 Concen: 39.46 ng
 RT: 9.26 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF085976.D
 Acq: 1 Apr 2016 22:14

Tgt Ion:	162	Resp:	505678
Ion Ratio	Lower	Upper	
162	100		
127	39.0	31.7	47.5
164	32.7	27.3	40.9





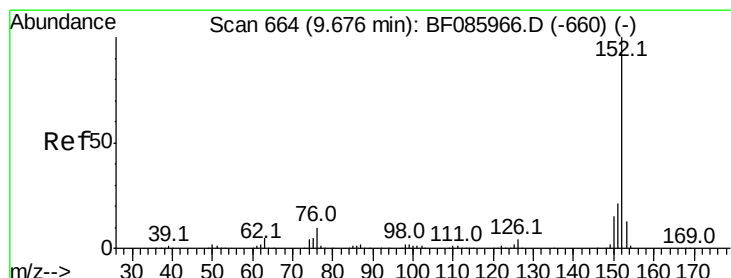
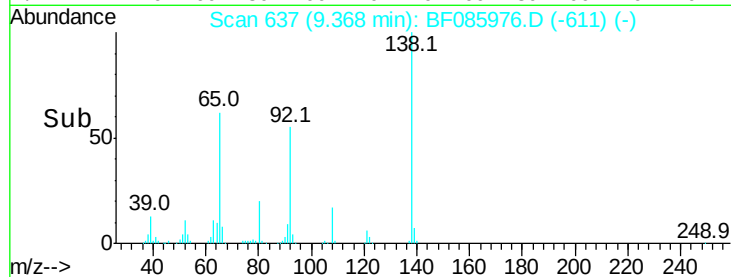
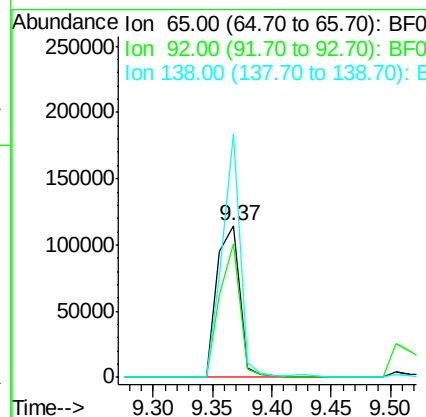
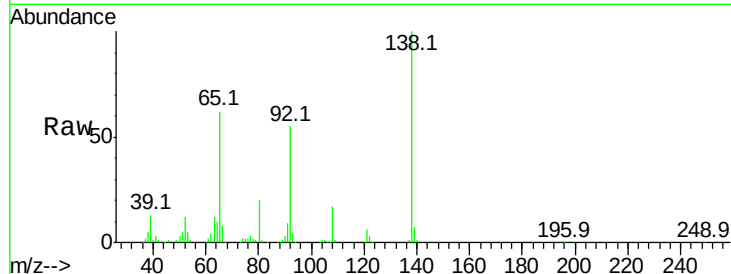
#47
2-Nitroaniline
Concen: 40.67 ng
RT: 9.37 min Scan# 637
Delta R.T. 0.00 min
Lab File: BF085976.D
Acq: 1 Apr 2016 22:14

Instrument :
BNA_F
ClientSampleId :
PB89340BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	87.8	59.7	89.5
138	160.3	91.4	137.0#

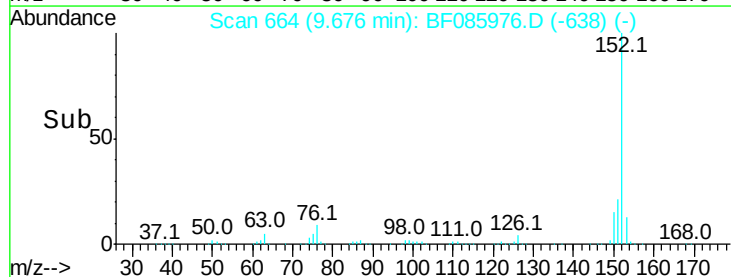
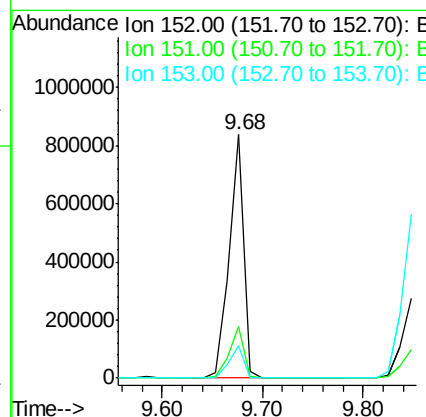
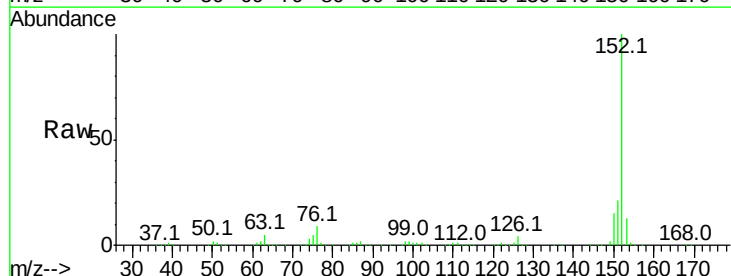
Manual Integrations
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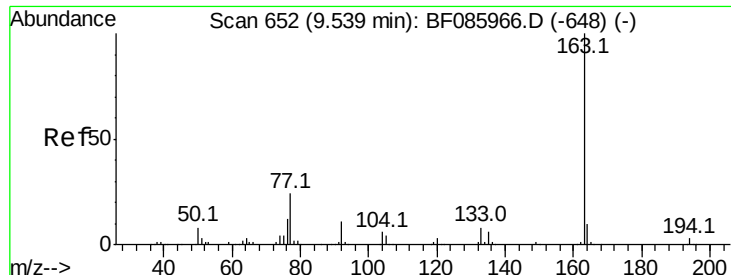
Sohil
4/4/2016 7:33:54 PM



#48
Acenaphthylene
Concen: 40.66 ng
RT: 9.68 min Scan# 664
Delta R.T. 0.00 min
Lab File: BF085976.D
Acq: 1 Apr 2016 22:14

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.8	25.2
153	13.1	10.9	16.3





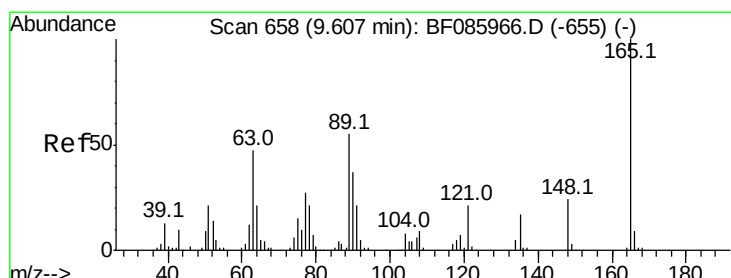
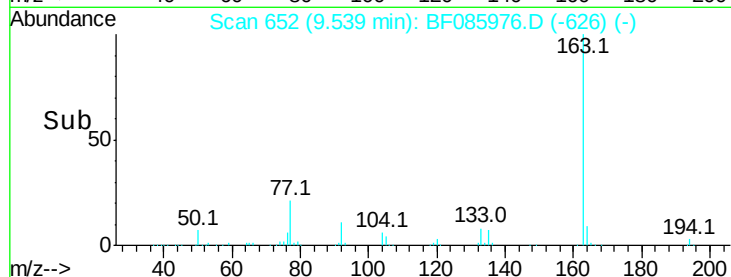
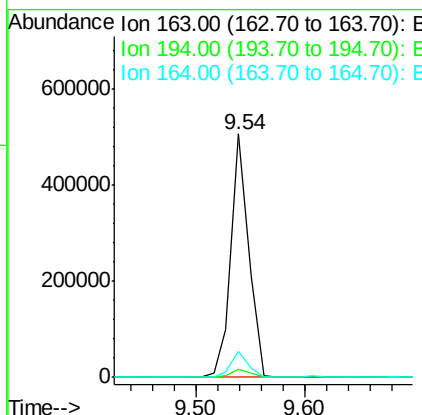
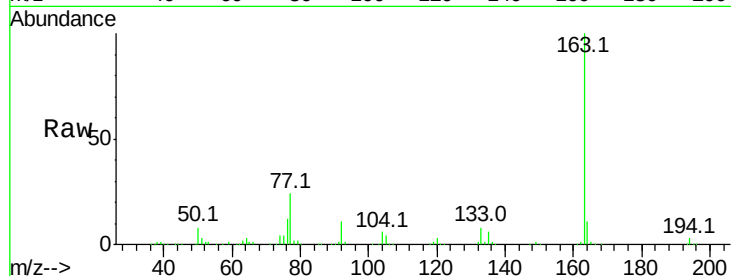
#49
Dimethylphthalate
Concen: 37.44 ng
RT: 9.54 min Scan# 652
Delta R.T. 0.00 min
Lab File: BF085976.D
Acq: 1 Apr 2016 22:14

Instrument :
BNA_F
ClientSampleId :
PB89340BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.4	2.9	4.3	
164	10.7	8.3	12.5	

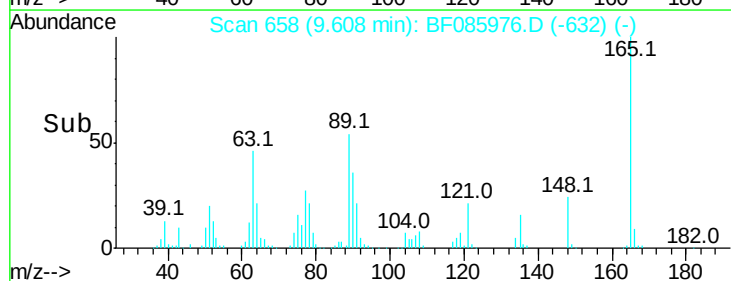
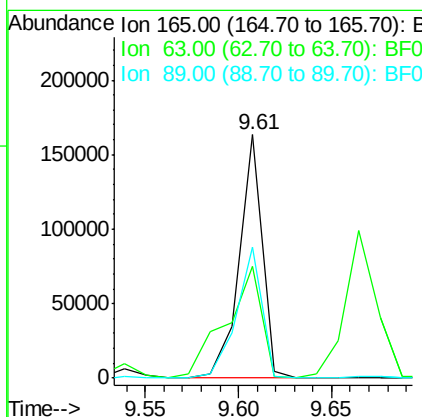
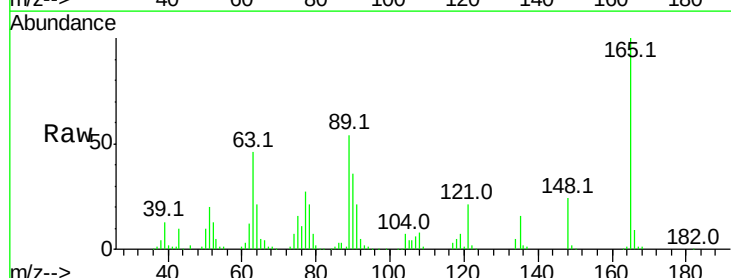
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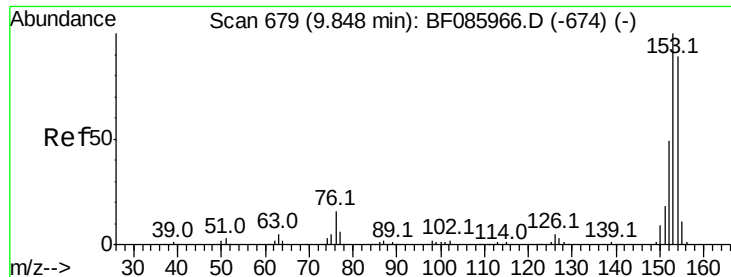
Sohil
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#50
2,6-Dinitrotoluene
Concen: 43.98 ng
RT: 9.61 min Scan# 658
Delta R.T. 0.00 min
Lab File: BF085976.D
Acq: 1 Apr 2016 22:14

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	46.0	51.8	77.8#	
89	53.7	53.7	80.5	





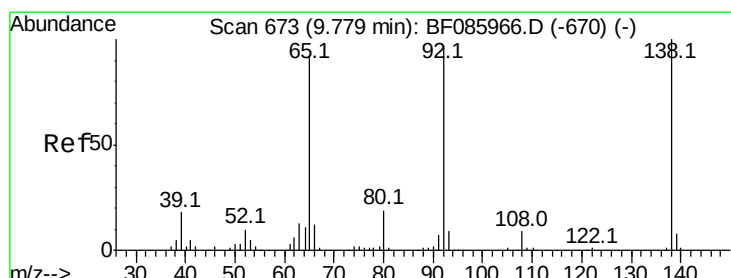
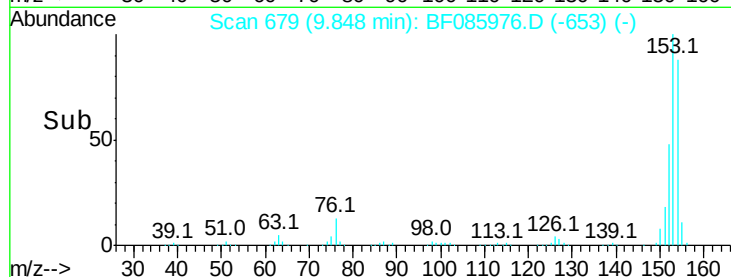
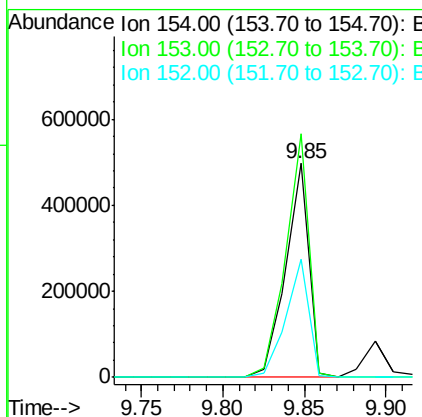
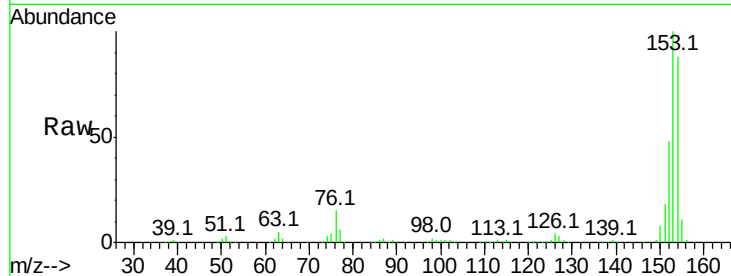
#51
Acenaphthene
Concen: 40.57 ng
RT: 9.85 min Scan# 679
Delta R.T. 0.00 min
Lab File: BF085976.D
Acq: 1 Apr 2016 22:14

Instrument :
BNA_F
ClientSampleId :
PB89340BS

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

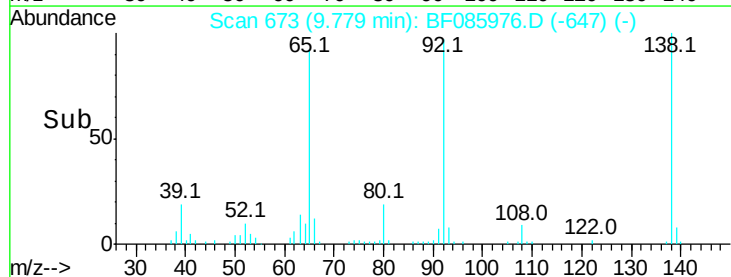
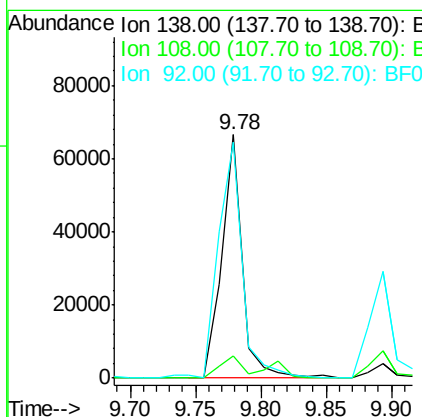
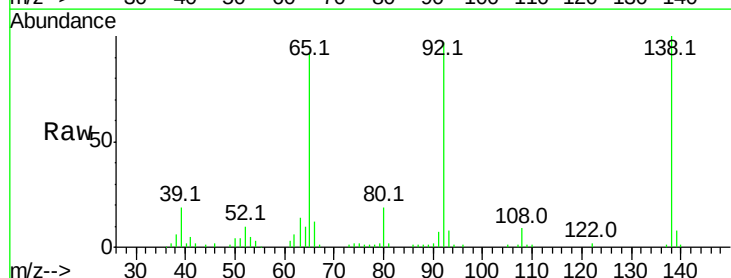
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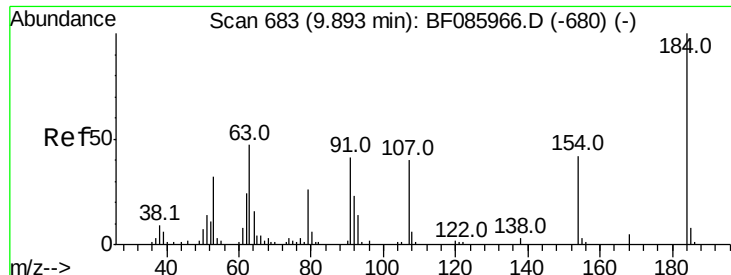
Sohil
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#52
3-Nitroaniline
Concen: 18.99 ng
RT: 9.78 min Scan# 673
Delta R.T. 0.00 min
Lab File: BF085976.D
Acq: 1 Apr 2016 22:14

Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.2	8.7	13.1
92	96.9	93.3	139.9





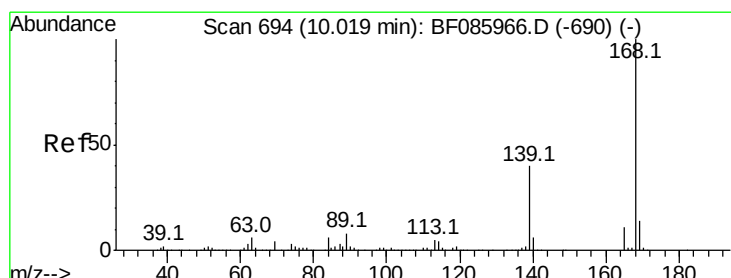
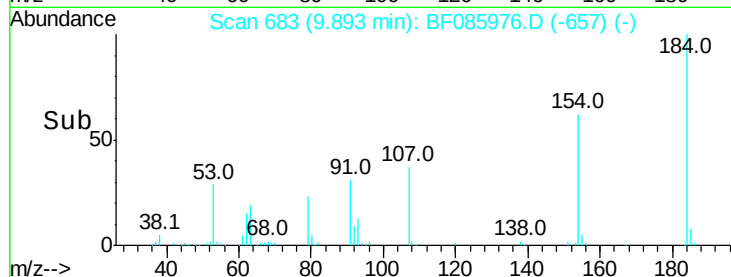
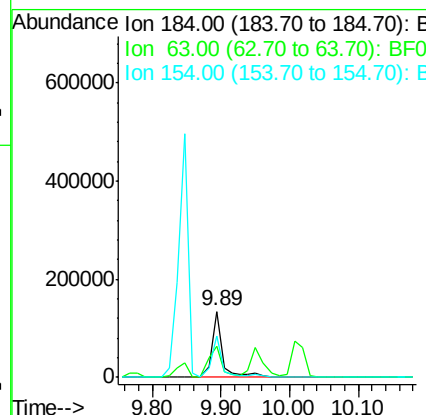
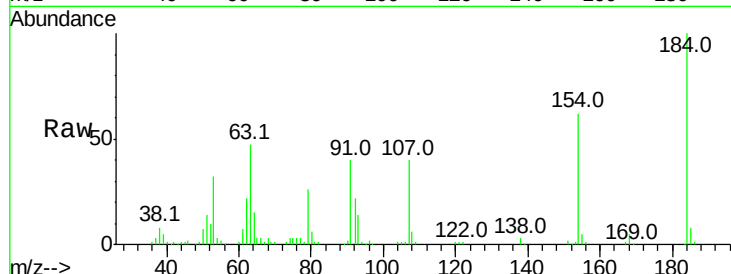
#53
 2,4-Dinitrophenol
 Concen: 71.01 ng
 RT: 9.89 min Scan# 683
 Delta R.T. 0.00 min
 Lab File: BF085976.D
 Acq: 1 Apr 2016 22:14

Instrument :
 BNA_F
 ClientSampleId :
 PB89340BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	46.7	69.5	104.3	
154	62.4	58.3	87.5	

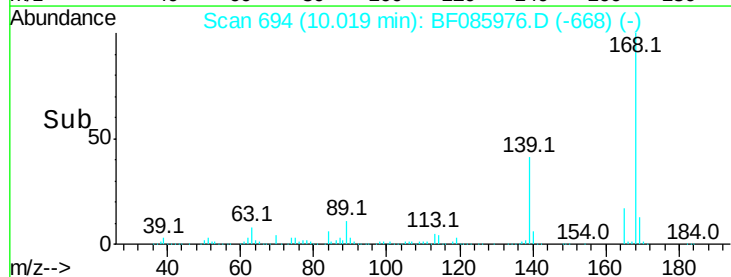
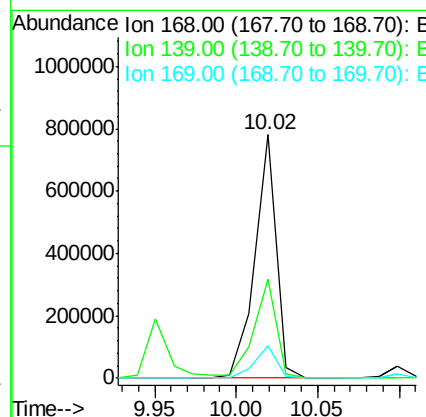
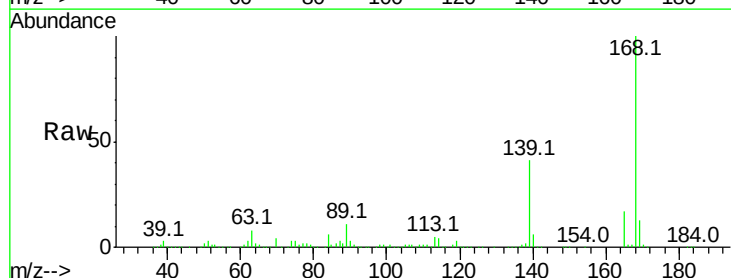
Manual Integrations
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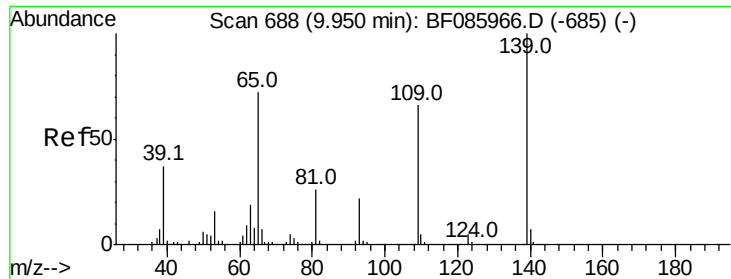
Sohil
 4/4/2016 7:33:54 PM



#54
 Dibenzofuran
 Concen: 43.87 ng
 RT: 10.02 min Scan# 694
 Delta R.T. 0.00 min
 Lab File: BF085976.D
 Acq: 1 Apr 2016 22:14

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	40.6	31.9	47.9	
169	13.5	11.0	16.6	





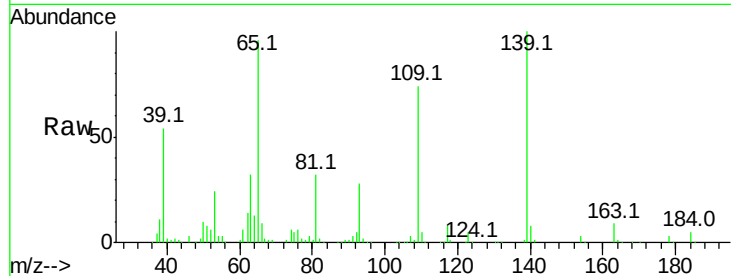
#55
4-Nitrophenol
Concen: 79.12 ng
RT: 9.95 min Scan# 688
Delta R.T. 0.00 min
Lab File: BF085976.D
Acq: 1 Apr 2016 22:14

Instrument :
BNA_F
ClientSampleId :
PB89340BS

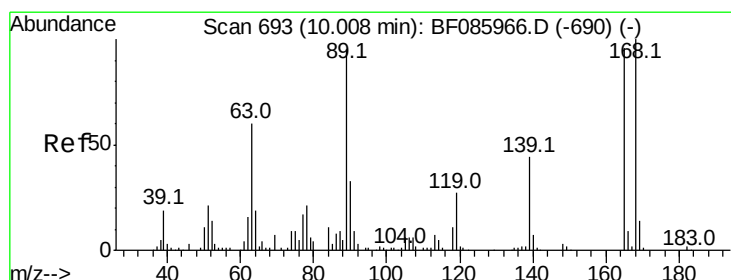
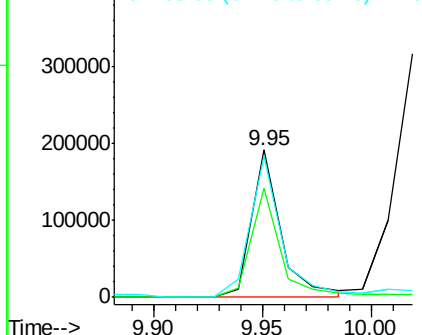
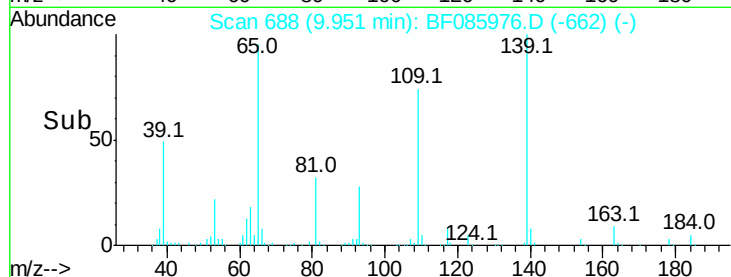
Tot Ion	Ratio	Resp	Lower	Upper
139	100	180743		
109	74.4	49.2	89.2	
65	95.7	66.9	106.9	

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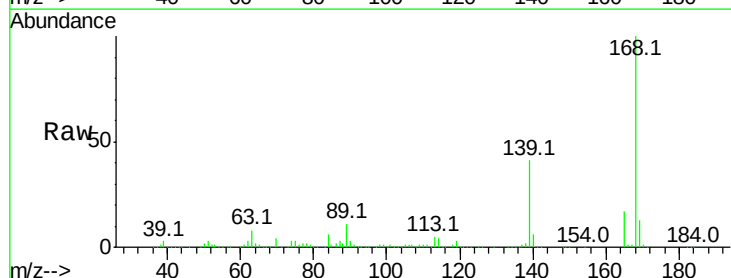


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

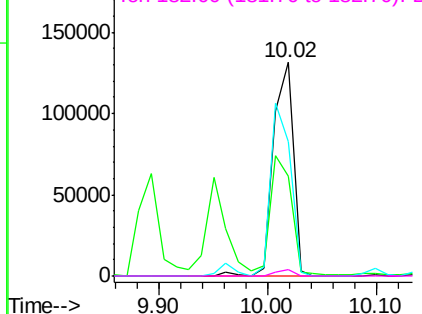
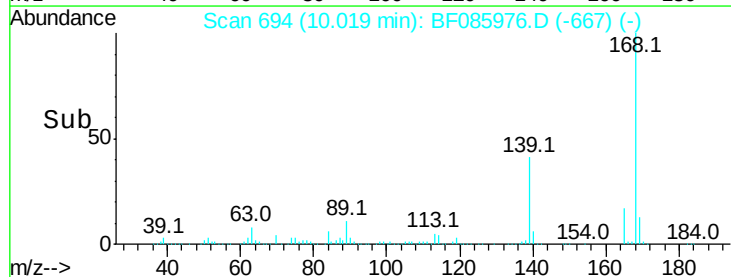


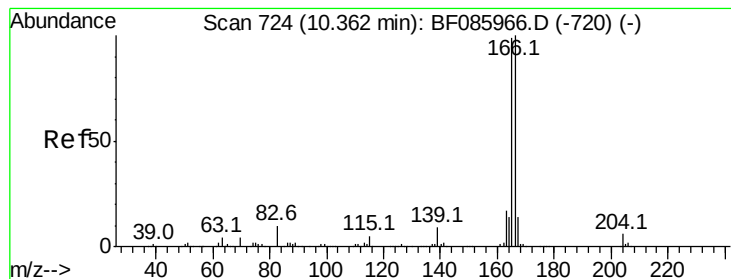
#56
2,4-Dinitrotoluene
Concen: 41.30 ng
RT: 10.02 min Scan# 694
Delta R.T. 0.01 min
Lab File: BF085976.D
Acq: 1 Apr 2016 22:14

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	167791		
63	46.7	24.9	37.3#	
89	63.0	41.0	61.6#	
182	2.9	2.1	3.1	



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 41.57 ng

RT: 10.36 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF085976.D

Acq: 1 Apr 2016 22:14

Instrument :

BNA_F

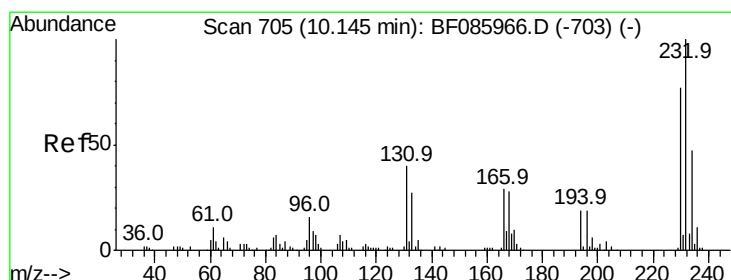
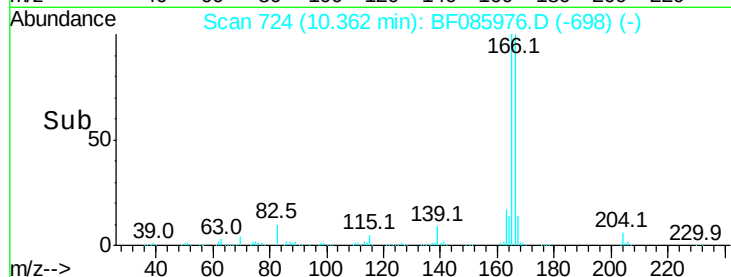
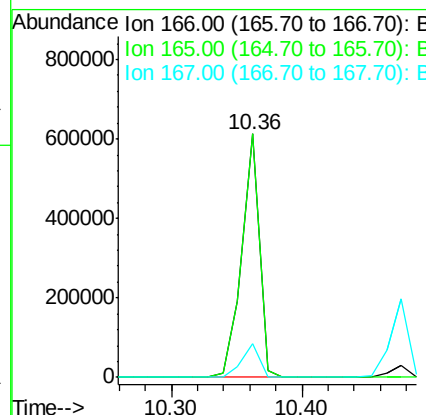
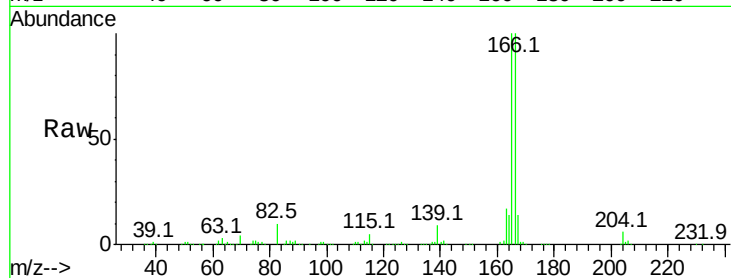
ClientSampleId :

PB89340BS

Tot Ion:	166	Resp:	572632
Ion Ratio	Lower	Upper	
166	100		
165	99.9	79.4	119.0
167	13.6	11.0	16.4

Manual Integrations
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4/4/2016 7:33:54 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 44.67 ng

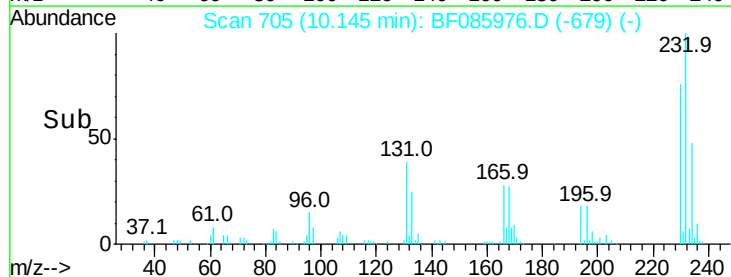
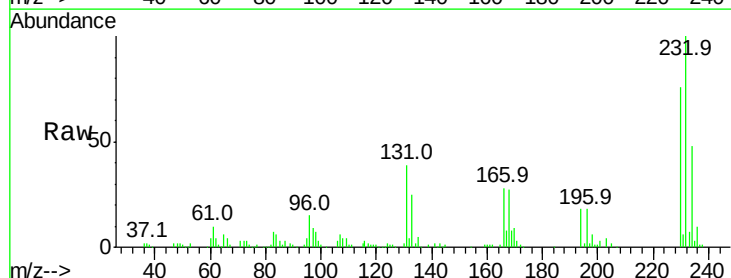
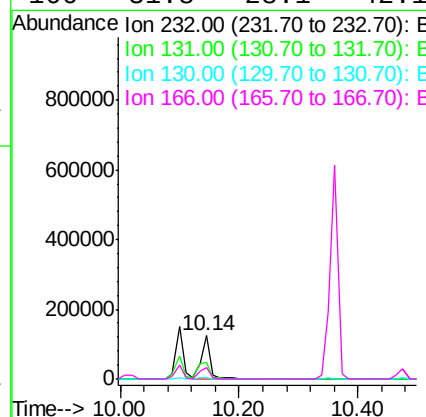
RT: 10.14 min Scan# 705

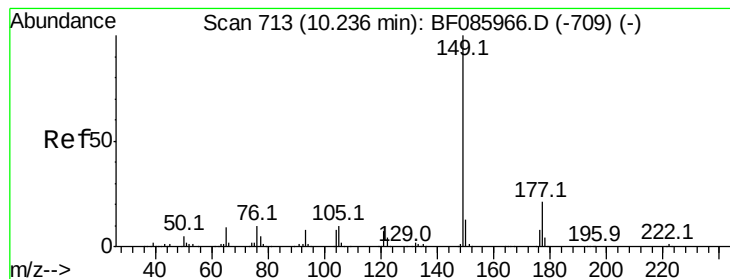
Delta R.T. 0.00 min

Lab File: BF085976.D

Acq: 1 Apr 2016 22:14

Tgt Ion:	232	Resp:	133630
Ion Ratio	Lower	Upper	
232	100		
131	52.9	44.9	67.3
130	2.5	2.3	3.5
166	31.8	28.1	42.1





#59

Diethylphthalate

Concen: 37.41 ng

RT: 10.24 min Scan# 713

Delta R.T. 0.00 min

Lab File: BF085976.D

Acq: 1 Apr 2016 22:14

Instrument :

BNA_F

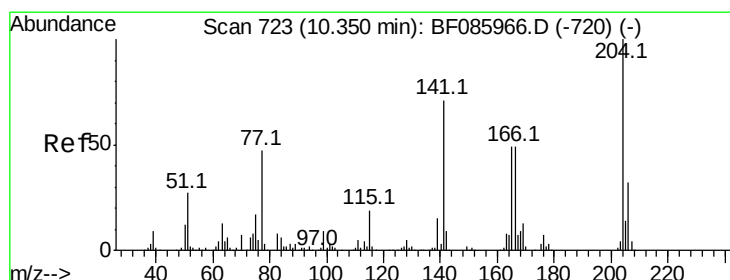
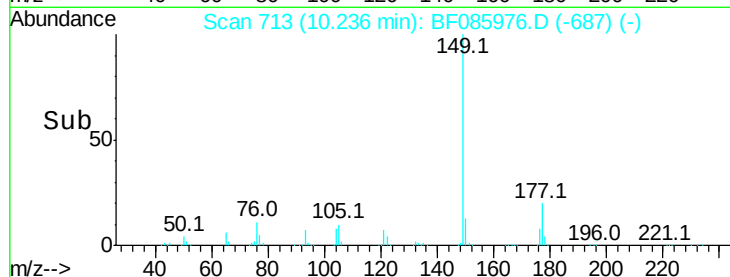
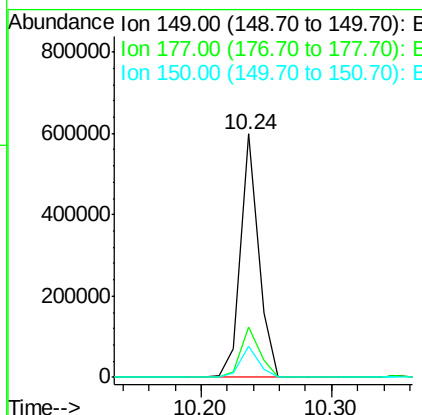
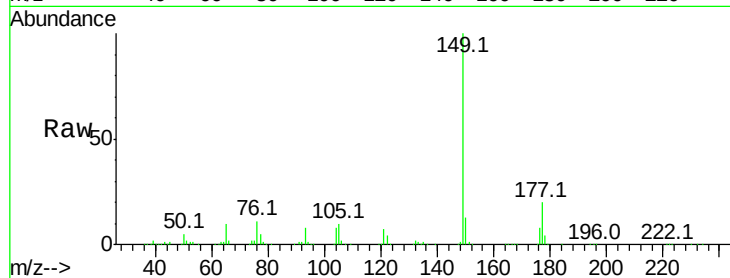
ClientSampleId :

PB89340BS

Tot Ion:	149	Resp:	573807
Ion Ratio	Lower	Upper	
149	100		
177	20.5	17.9	26.9
150	12.8	10.2	15.2

Manual Integrations
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#60

4-Chlorophenyl-phenylether

Concen: 39.33 ng

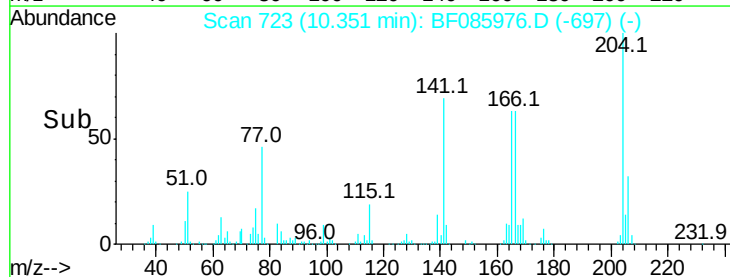
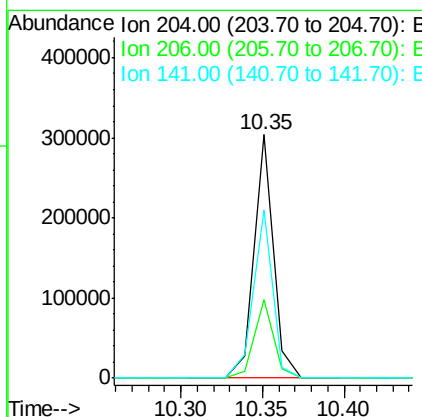
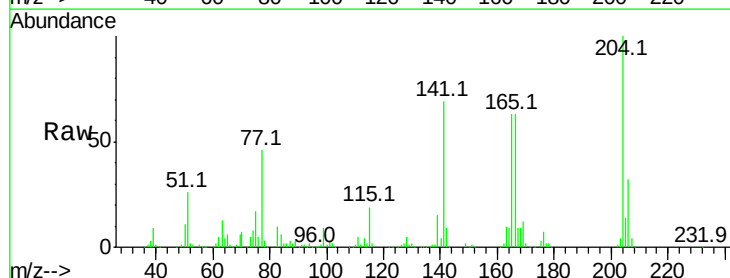
RT: 10.35 min Scan# 723

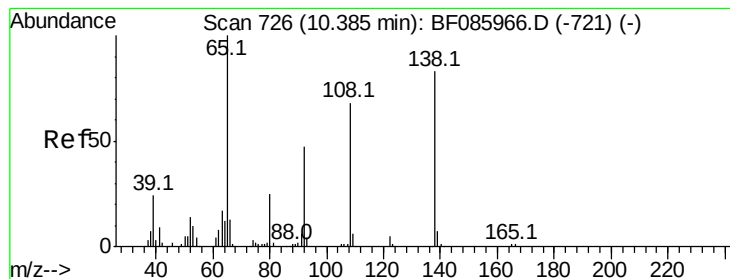
Delta R.T. 0.00 min

Lab File: BF085976.D

Acq: 1 Apr 2016 22:14

Tgt Ion:	204	Resp:	252347
Ion Ratio	Lower	Upper	
204	100		
206	32.3	26.6	39.8
141	69.2	57.4	86.0





#61

4-Nitroaniline

Concen: 40.07 ng

RT: 10.40 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF085976.D

Acq: 1 Apr 2016 22:14

Instrument :

BNA_F

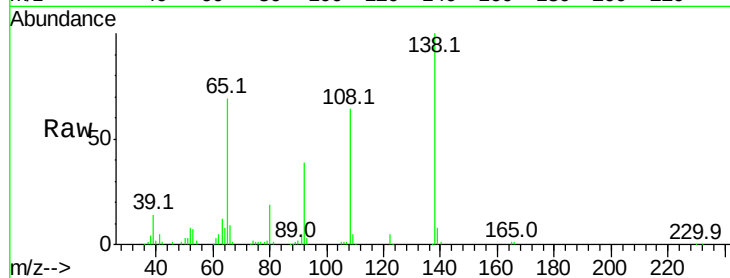
ClientSampled :

PB89340BS

Tot Ion:	138	Resp:	152909
Ion	Ratio	Lower	Upper
138	100		
92	39.3	26.4	66.4
108	64.3	49.0	89.0

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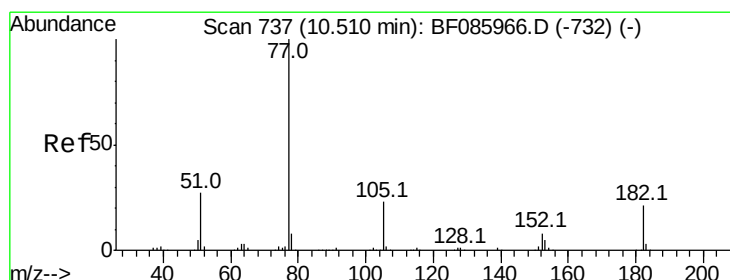
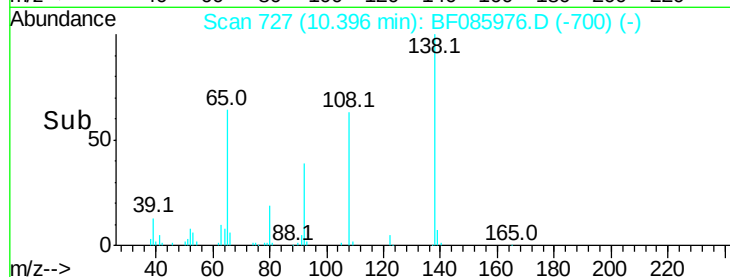
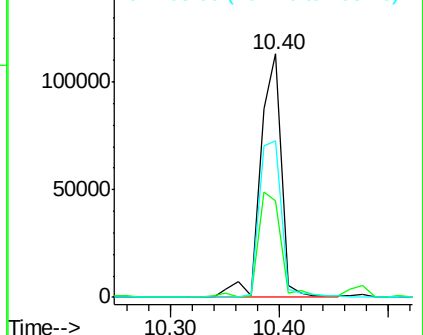
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 44.49 ng

RT: 10.51 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF085976.D

Acq: 1 Apr 2016 22:14

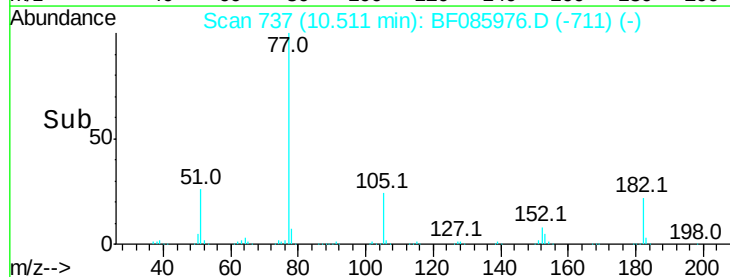
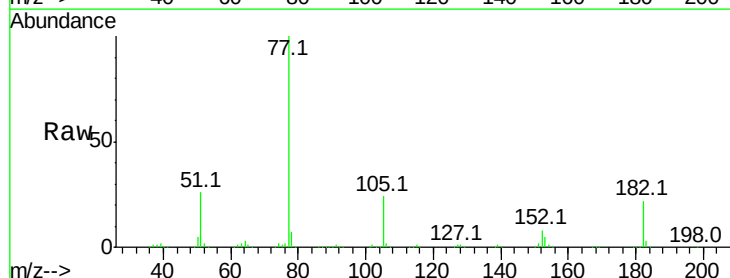
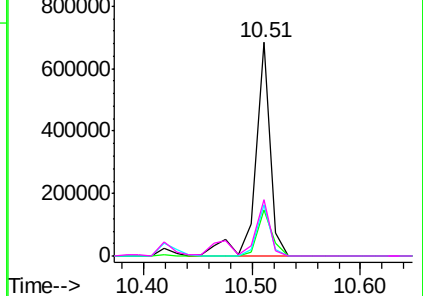
Tgt Ion:	77	Resp:	653600
Ion	Ratio	Lower	Upper
77	100		
182	21.5	1.9	41.9
105	23.7	3.5	43.5
51	26.5	6.3	46.3

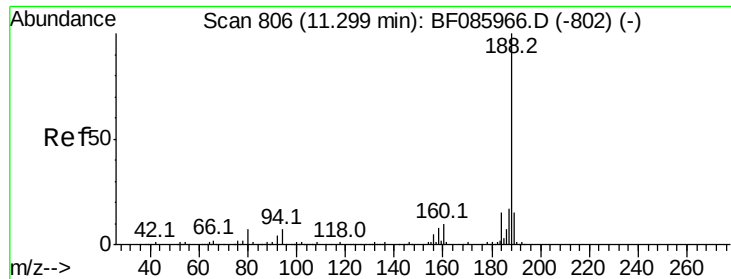
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.30 min Scan# 806

Delta R.T. 0.00 min

Lab File: BF085976.D

Acq: 1 Apr 2016 22:14

Instrument :

BNA_F

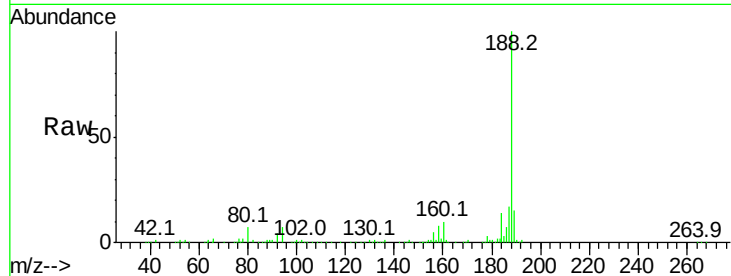
ClientSampleId :

PB89340BS

Tot Ion	188	Resp	375979
Ion Ratio	Lower	Upper	
188	100		
94	6.6	5.4	8.0
80	6.8	5.5	8.3

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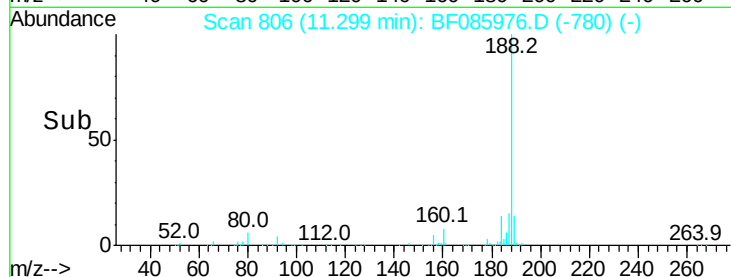


Abundance Ion 188.00 (187.70 to 188.70): E

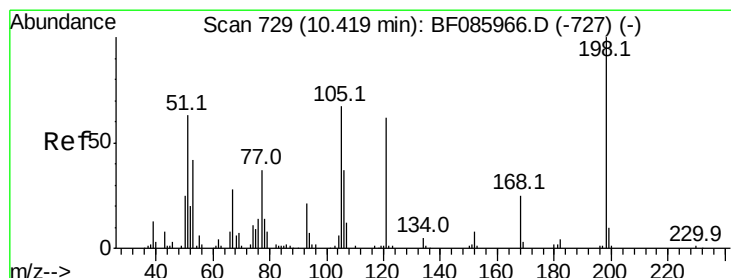
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

Time-->



Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 38.65 ng

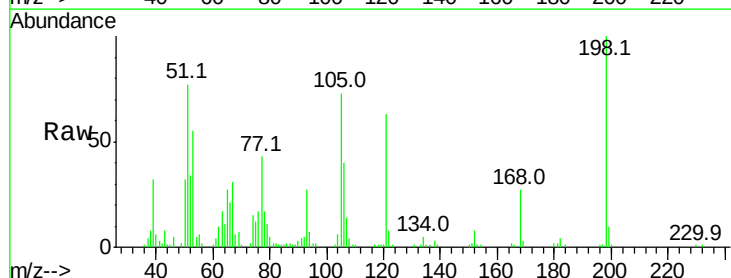
RT: 10.42 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF085976.D

Acq: 1 Apr 2016 22:14

Tgt Ion	198	Resp	88056
Ion Ratio	Lower	Upper	
198	100		
51	77.1	45.4	85.4
105	73.1	45.9	85.9

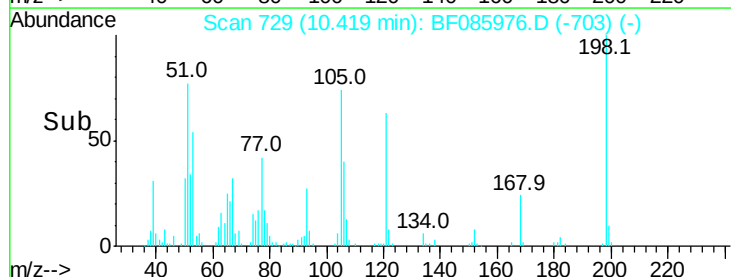


Abundance Ion 198.00 (197.70 to 198.70): E

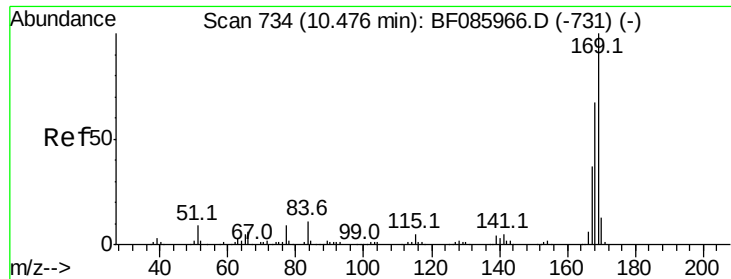
Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

Time-->



Time-->



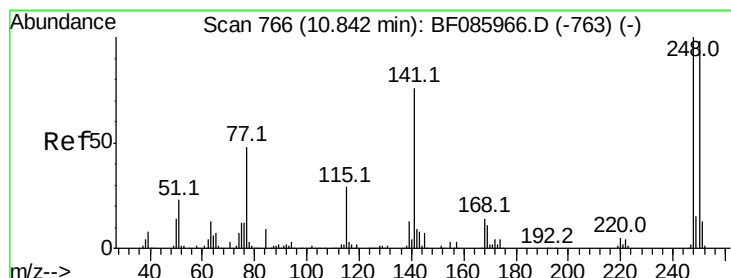
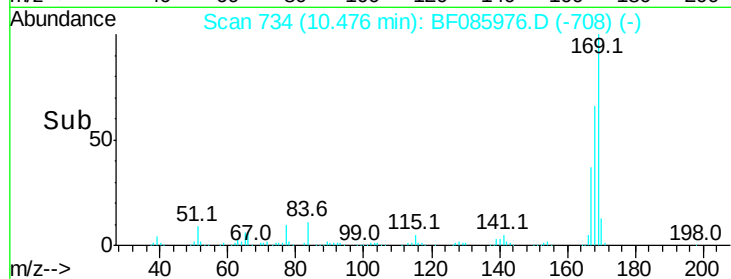
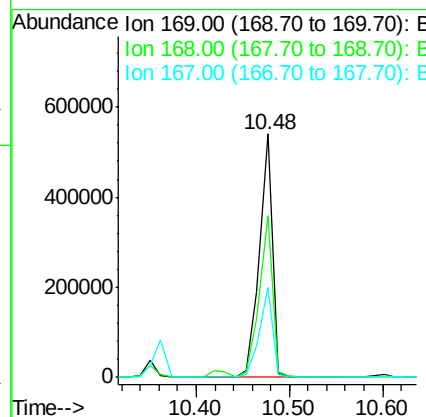
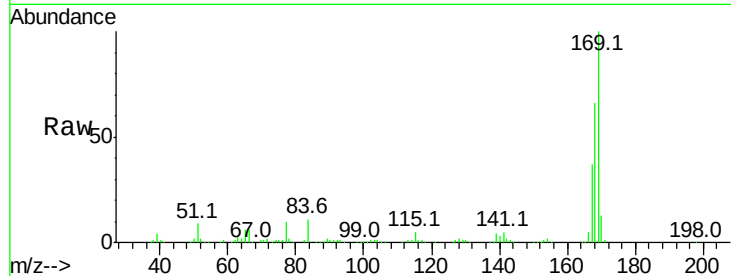
#65
n-Nitrosodiphenylamine
Concen: 44.33 ng
RT: 10.48 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF085976.D
Acq: 1 Apr 2016 22:14

Instrument :
BNA_F
ClientSampleId :
PB89340BS

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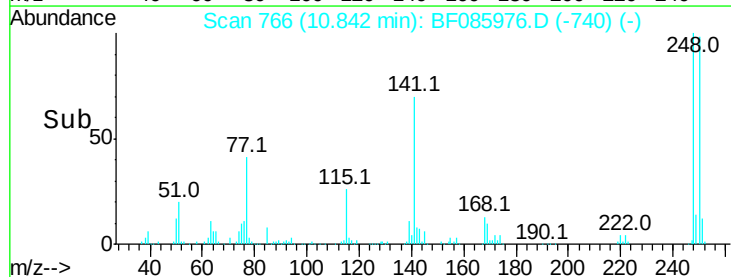
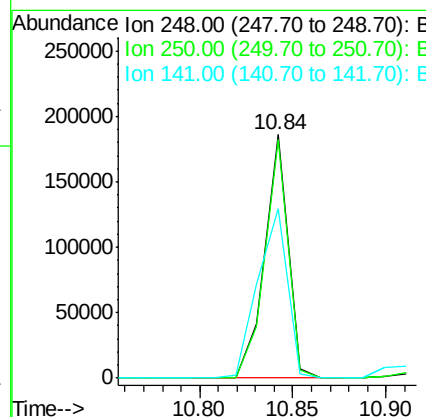
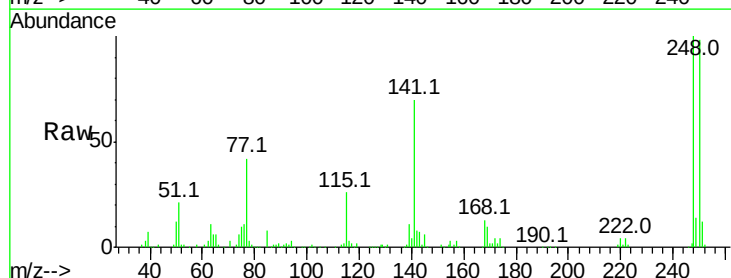
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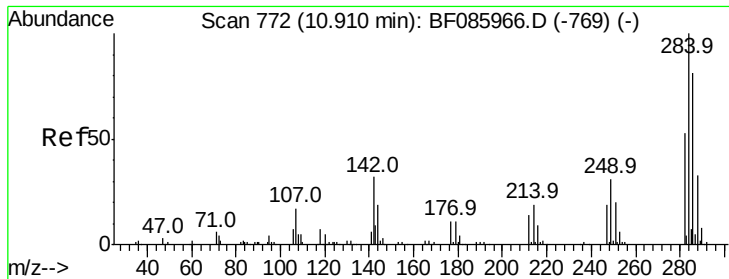
Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	66.4	54.4	81.6	
167	36.7	29.4	44.0	



#66
4-Bromophenyl-phenylether
Concen: 42.10 ng
RT: 10.84 min Scan# 766
Delta R.T. 0.00 min
Lab File: BF085976.D
Acq: 1 Apr 2016 22:14

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	97.9	77.4	116.0	
141	69.6	63.6	95.4	





#67

Hexachlorobenzene

Concen: 43.39 ng

RT: 10.91 min Scan# 772

Delta R.T. 0.00 min

Lab File: BF085976.D

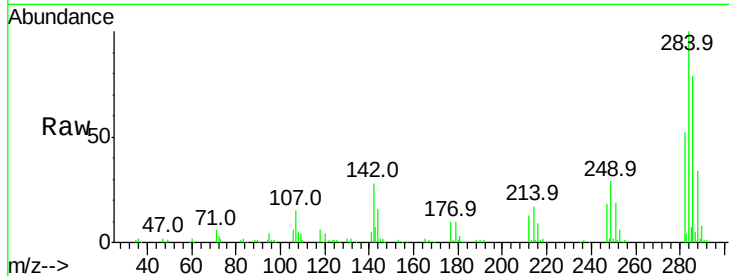
Acq: 1 Apr 2016 22:14

Instrument :

BNA_F

ClientSampled :

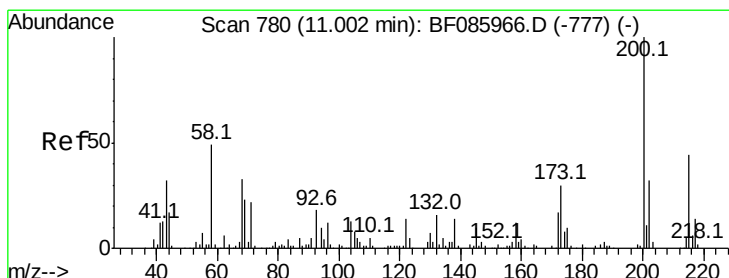
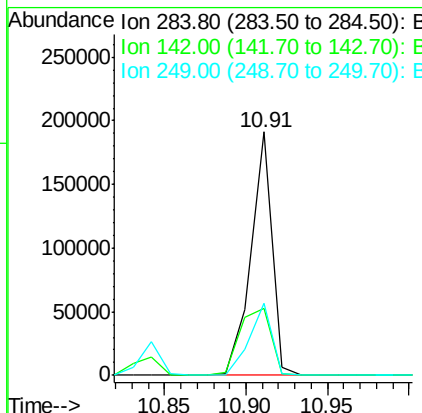
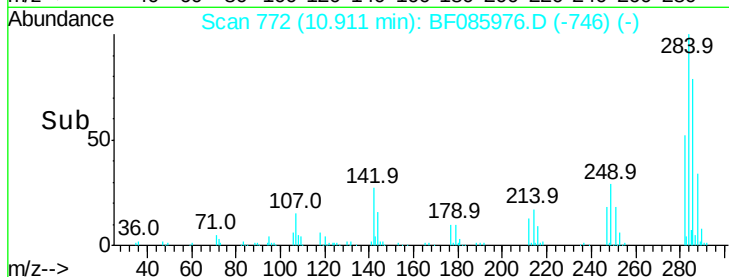
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Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	27.5	23.1	34.7	
249	29.5	24.2	36.2	

Manual Integrations
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#68

Atrazine

Concen: 38.79 ng

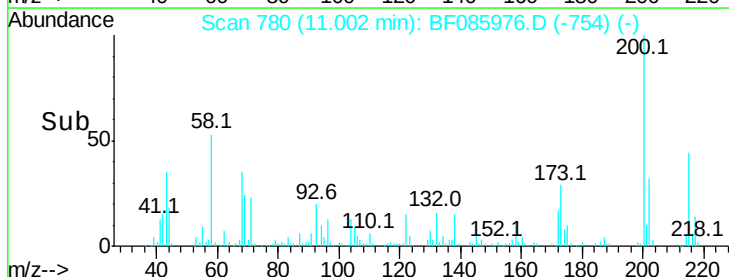
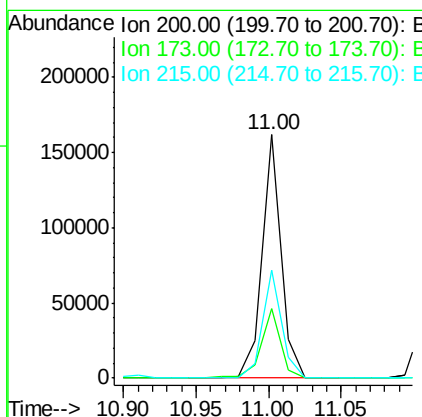
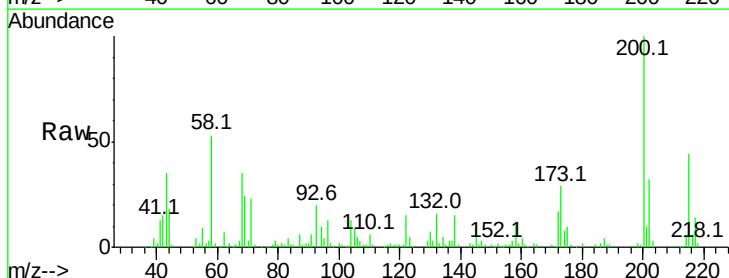
RT: 11.00 min Scan# 780

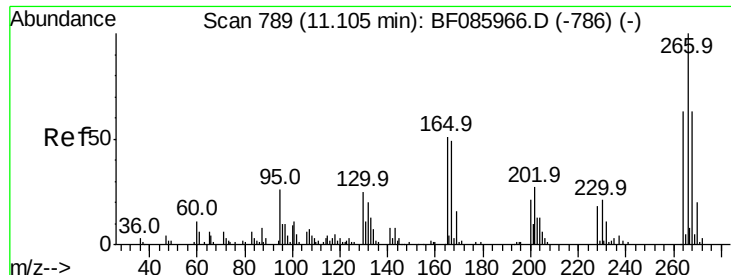
Delta R.T. 0.00 min

Lab File: BF085976.D

Acq: 1 Apr 2016 22:14

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	28.6	7.7	47.7	
215	44.2	25.4	65.4	





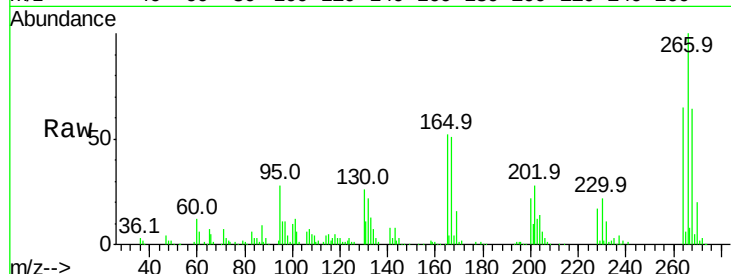
#69
 Pentachlorophenol
 Concen: 83.35 ng
 RT: 11.10 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF085976.D
 Acq: 1 Apr 2016 22:14

Instrument :
 BNA_F
 ClientSampleId :
 PB89340BS

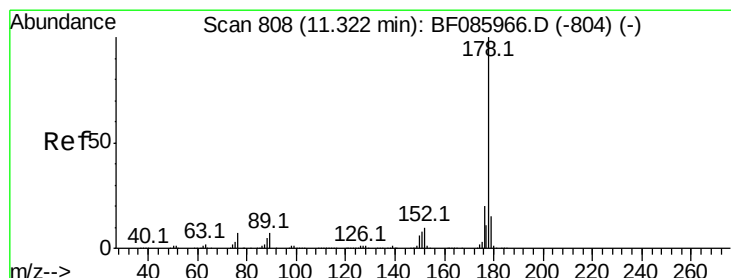
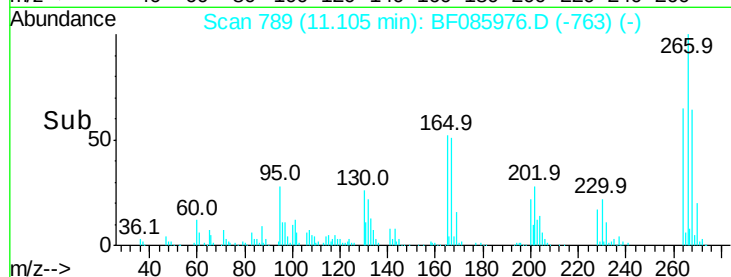
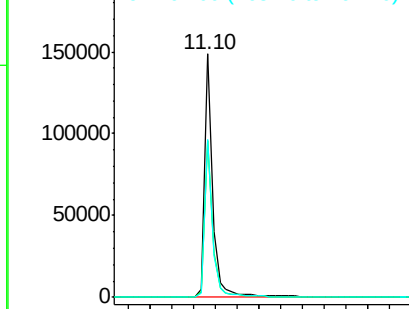
Tot Ion	Ratio	Resp	Lower	Upper
266	100	155057		
268	64.1	51.5	77.3	
264	64.9	50.6	76.0	

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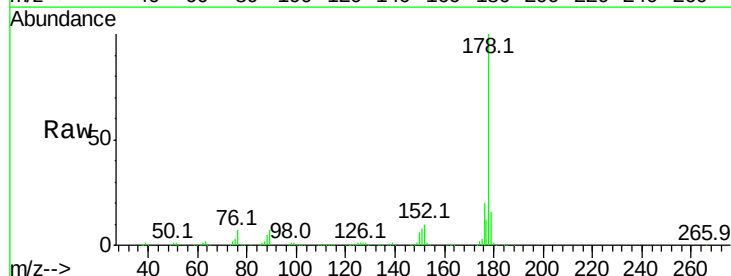


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

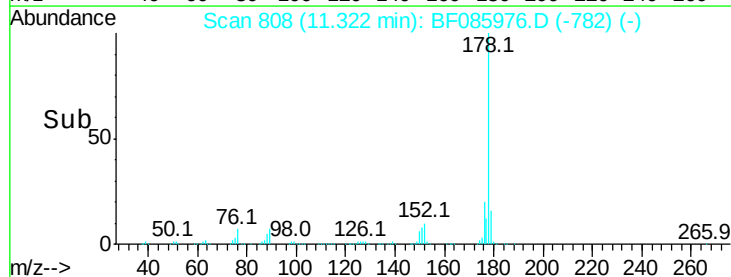
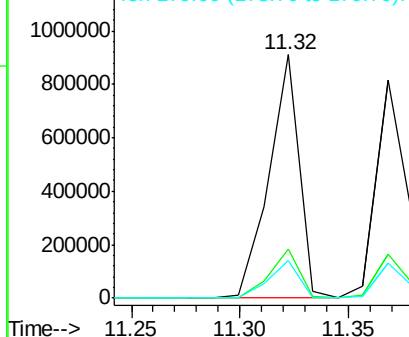


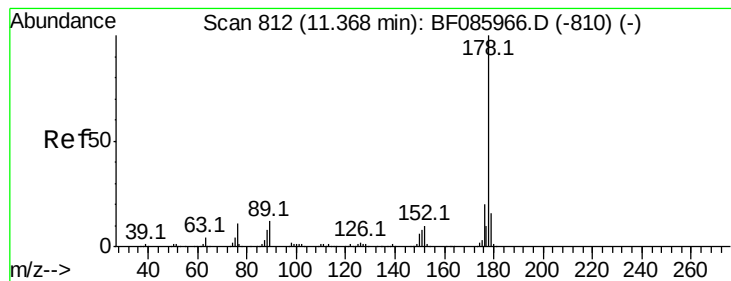
#70
 Phenanthrene
 Concen: 43.00 ng
 RT: 11.32 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF085976.D
 Acq: 1 Apr 2016 22:14

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	881888		
176	20.3	16.3	24.5	
179	15.5	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: 37.72 ng

RT: 11.37 min Scan# 812

Delta R.T. 0.00 min

Lab File: BF085976.D

Acq: 1 Apr 2016 22:14

Instrument :

BNA_F

ClientSampleId :

PB89340BS

Tot Ion:178 Resp: 810571

Ion Ratio Lower Upper

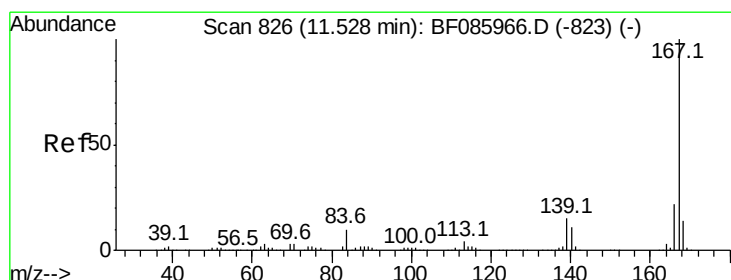
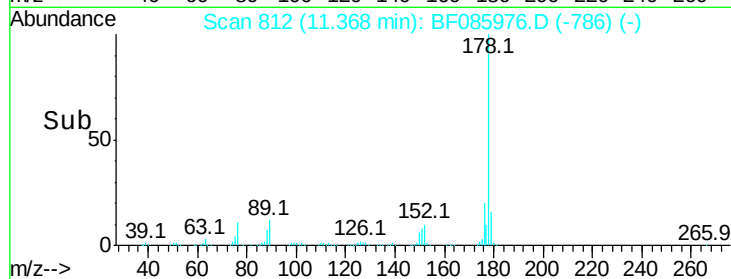
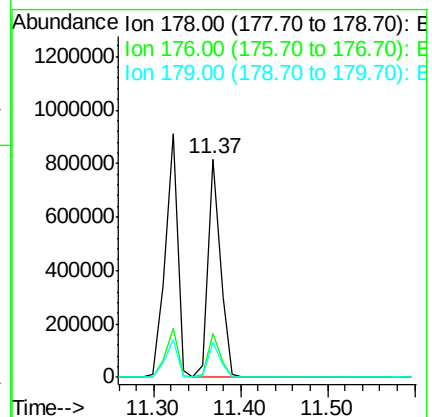
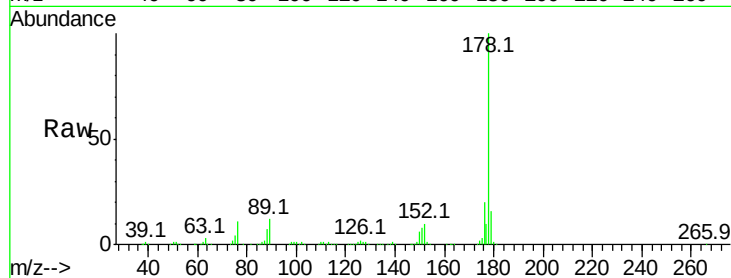
178 100

176 19.8 15.9 23.9

179 15.9 13.0 19.4

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#72

Carbazole

Concen: 39.47 ng

RT: 11.53 min Scan# 826

Delta R.T. 0.00 min

Lab File: BF085976.D

Acq: 1 Apr 2016 22:14

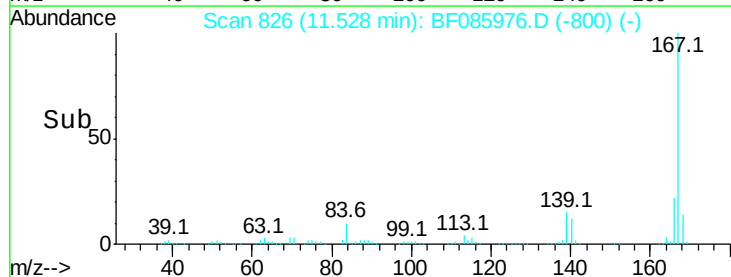
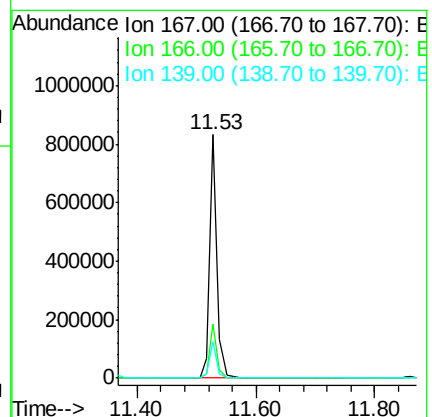
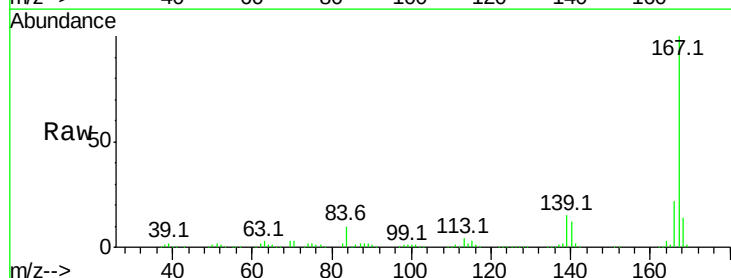
Tgt Ion:167 Resp: 728984

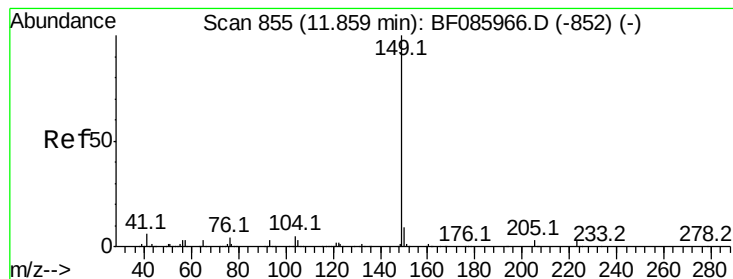
Ion Ratio Lower Upper

167 100

166 22.4 17.8 26.8

139 15.1 11.6 17.4





#73

Di-n-butylphthalate

Concen: 43.47 ng

RT: 11.86 min Scan# 855

Delta R.T. 0.00 min

Lab File: BF085976.D

Acq: 1 Apr 2016 22:14

Instrument :

BNA_F

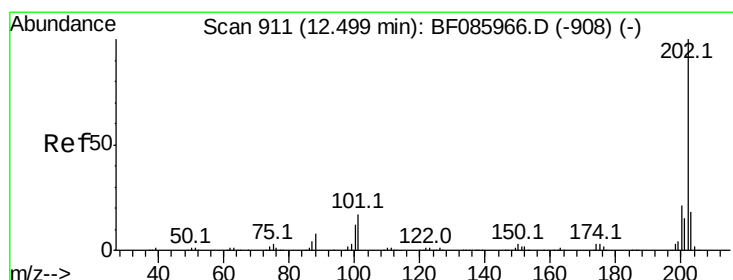
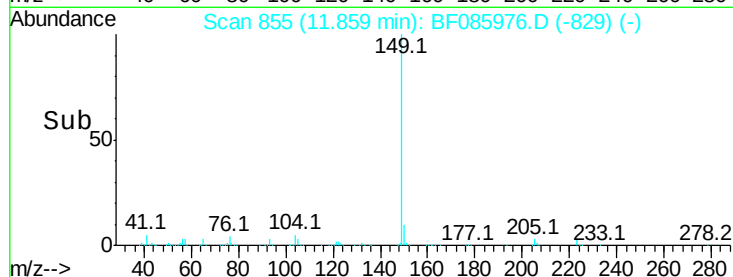
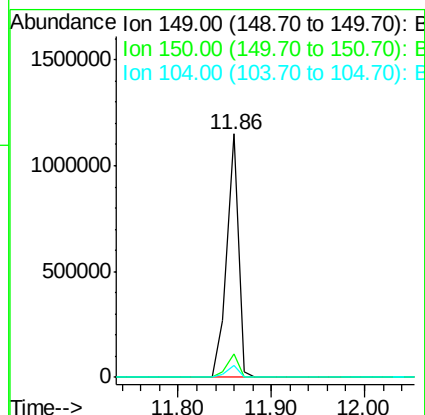
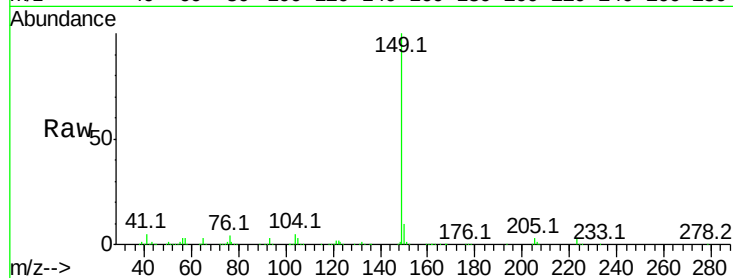
ClientSampleId :

PB89340BS

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Tot Ion:	149	Resp:	994782
Ion Ratio	Lower	Upper	
149	100		
150	9.6	7.6	11.4
104	4.8	3.8	5.8



#74

Fluoranthene

Concen: 38.83 ng

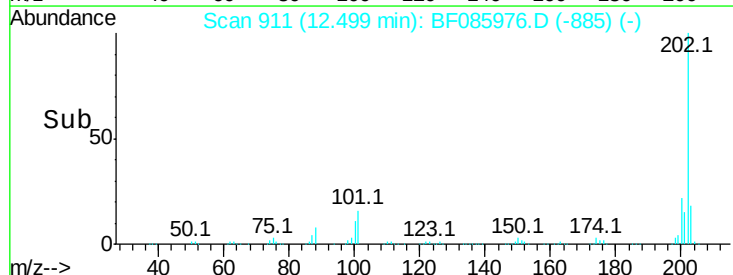
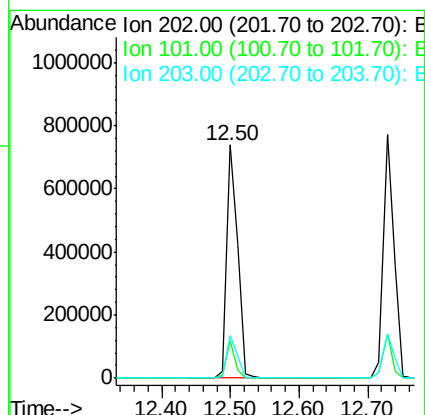
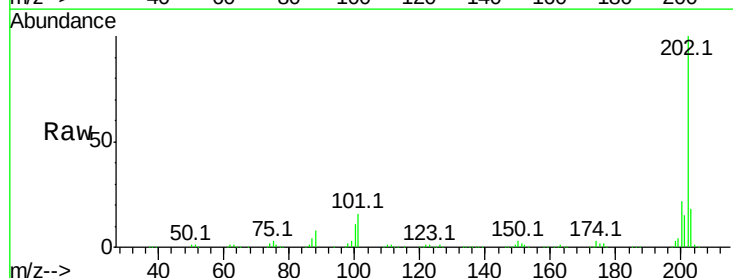
RT: 12.50 min Scan# 911

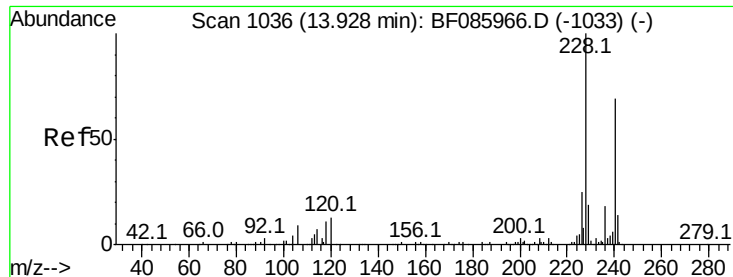
Delta R.T. 0.00 min

Lab File: BF085976.D

Acq: 1 Apr 2016 22:14

Tgt Ion:	202	Resp:	828448
Ion Ratio	Lower	Upper	
202	100		
101	15.9	0.0	36.6
203	18.1	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: BF085976.D

Acq: 1 Apr 2016 22:14

Instrument :

BNA_F

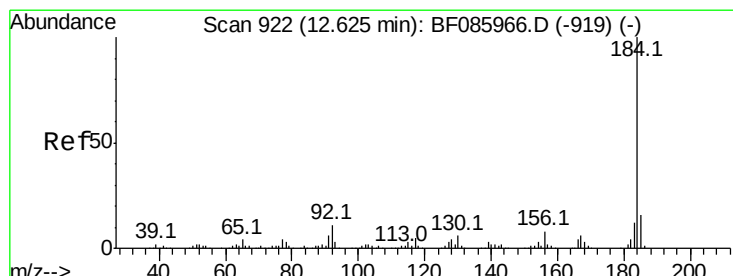
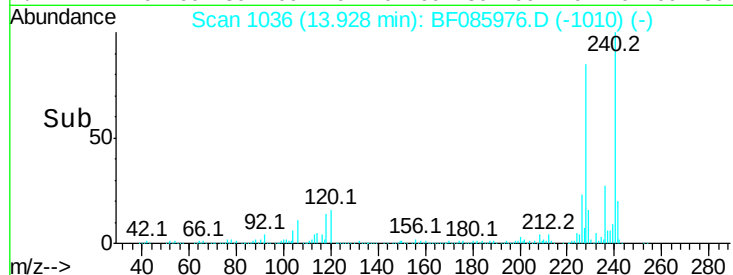
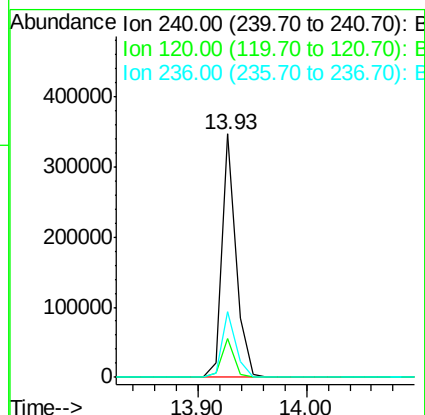
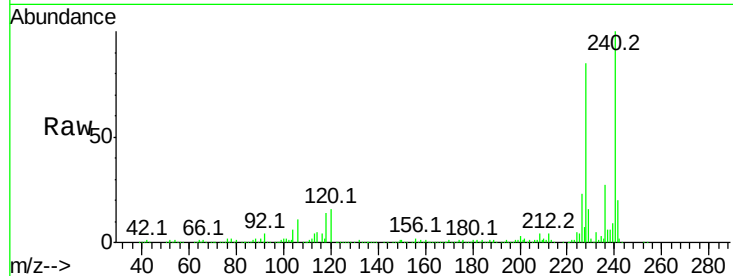
ClientSampleId :

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Tot Ion:	240	Resp:	315272
Ion Ratio	Lower	Upper	
240	100		
120	15.7	13.8	20.8
236	27.0	20.6	30.8

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#76

Benzidine

Concen: 26.44 ng

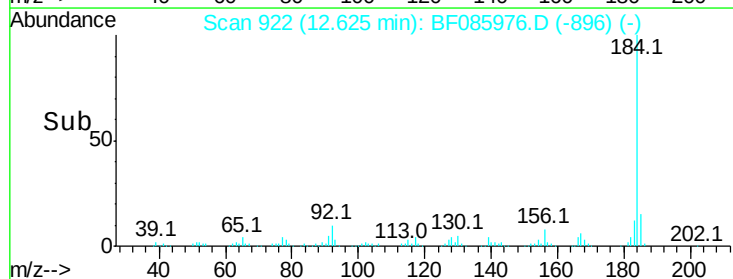
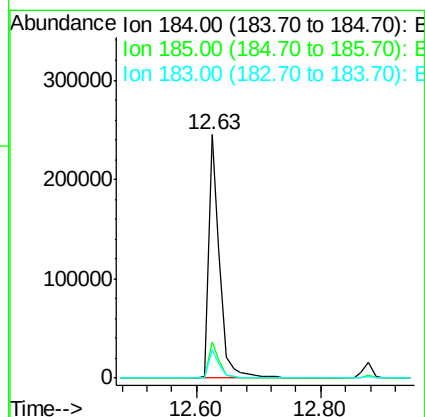
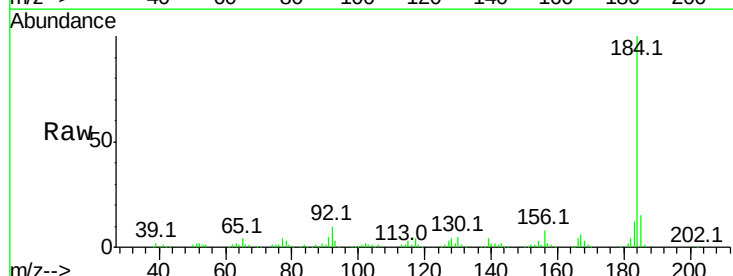
RT: 12.63 min Scan# 922

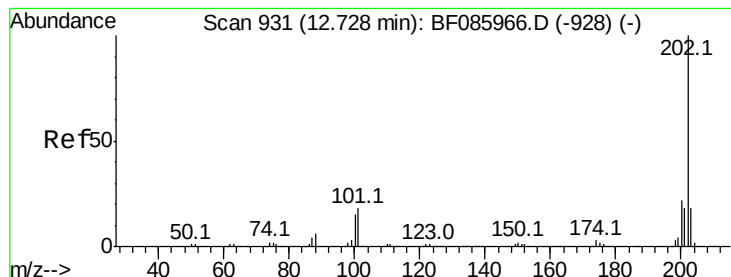
Delta R.T. 0.00 min

Lab File: BF085976.D

Acq: 1 Apr 2016 22:14

Tgt Ion:	184	Resp:	294145
Ion Ratio	Lower	Upper	
184	100		
185	15.0	12.4	18.6
183	11.6	9.4	14.2





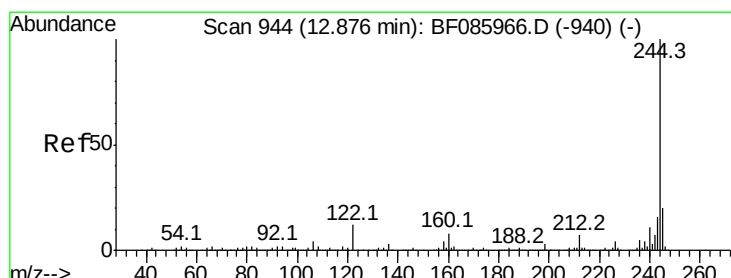
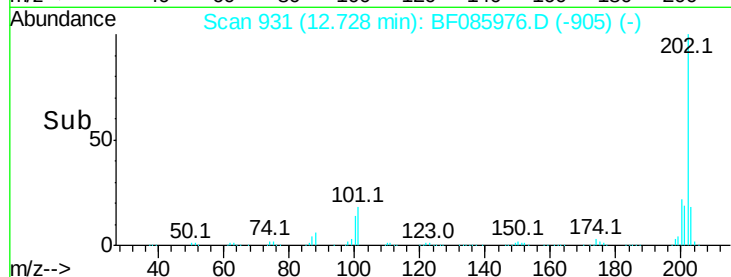
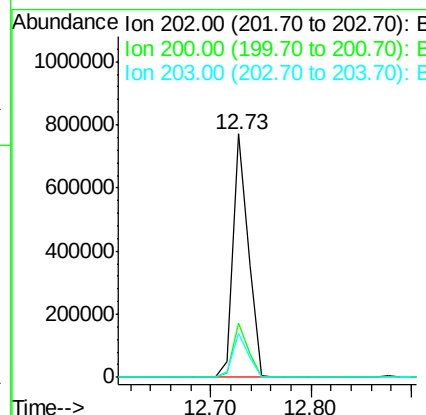
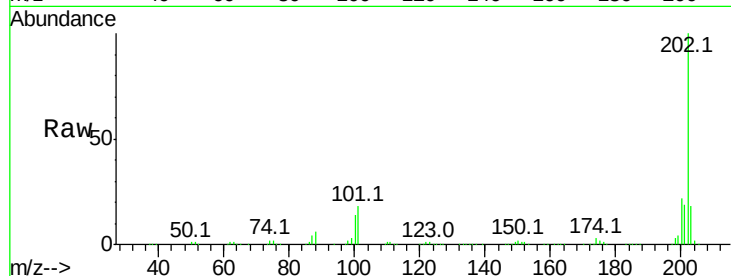
#77
Pvrene
Concen: 36.77 ng
RT: 12.73 min Scan# 931
Delta R.T. 0.00 min
Lab File: BF085976.D
Acq: 1 Apr 2016 22:14

Instrument :
BNA_F
ClientSampleId :
PB89340BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.6	26.4
203	18.2	14.0	21.0

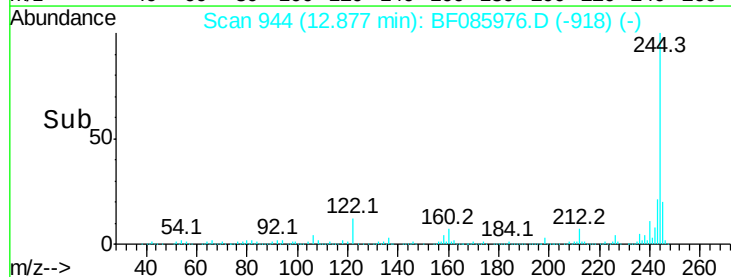
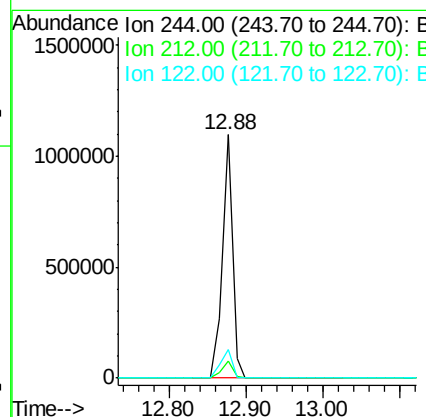
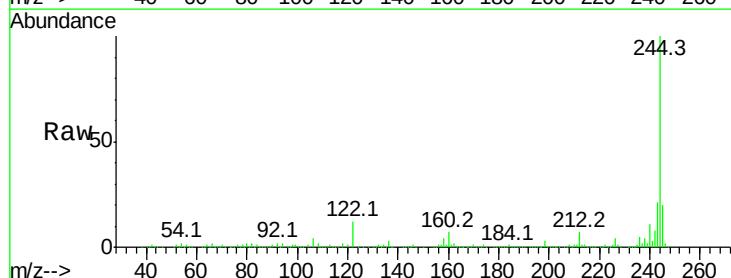
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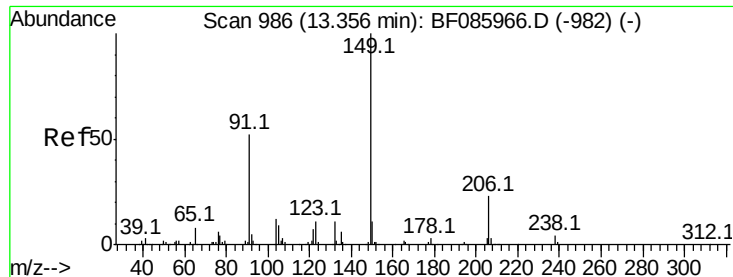
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#78
Terphenyl-d14
Concen: 74.88 ng
RT: 12.88 min Scan# 944
Delta R.T. 0.00 min
Lab File: BF085976.D
Acq: 1 Apr 2016 22:14

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.1	9.1
122	11.7	10.2	15.4





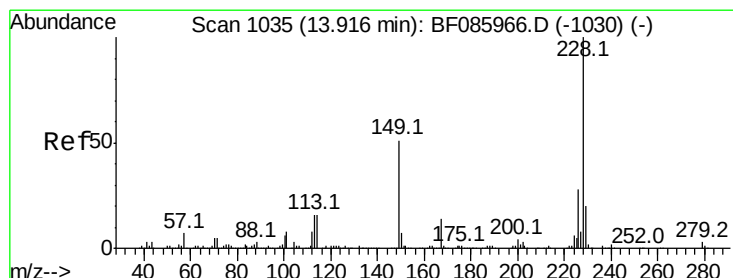
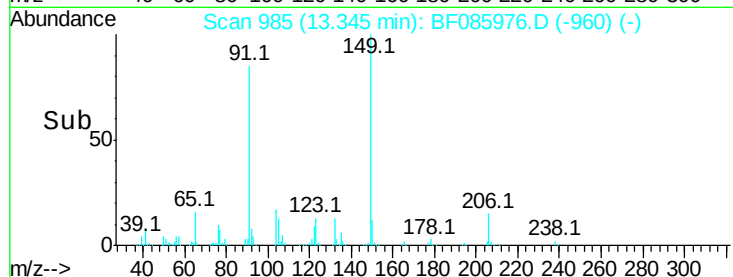
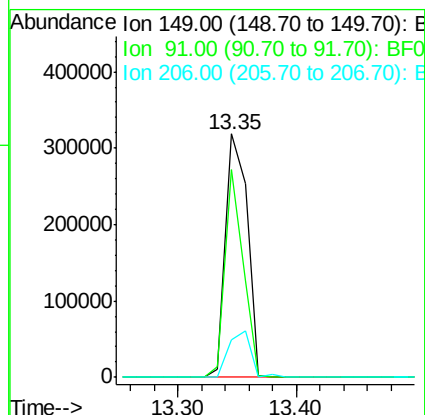
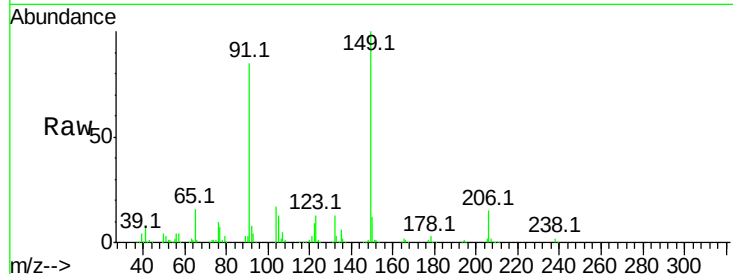
#79
Butylbenzylphthalate
Concen: 40.40 ng
RT: 13.35 min Scan# 985
Delta R.T. -0.01 min
Lab File: BF085976.D
Acq: 1 Apr 2016 22:14

Instrument :
BNA_F
ClientSampleId :
PB89340BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	404131		
91	85.5	45.8	68.8#	
206	15.2	17.8	26.8#	

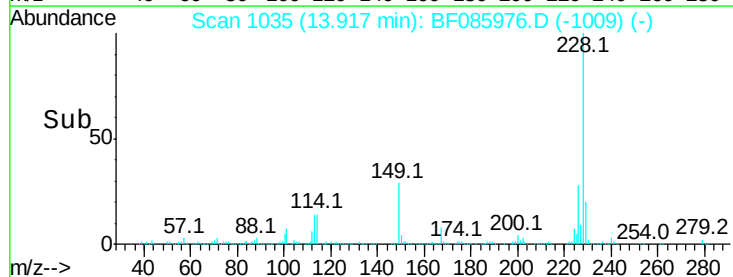
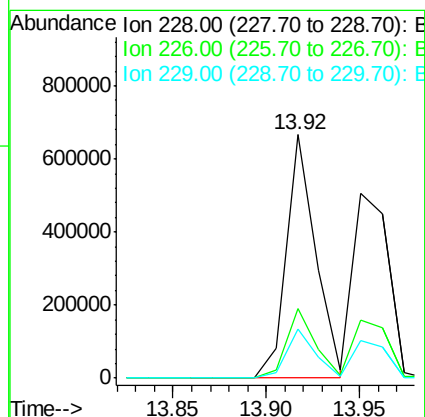
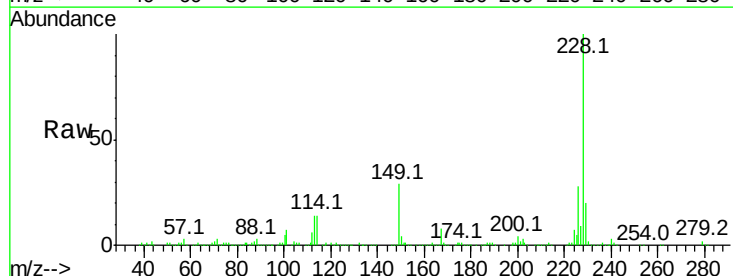
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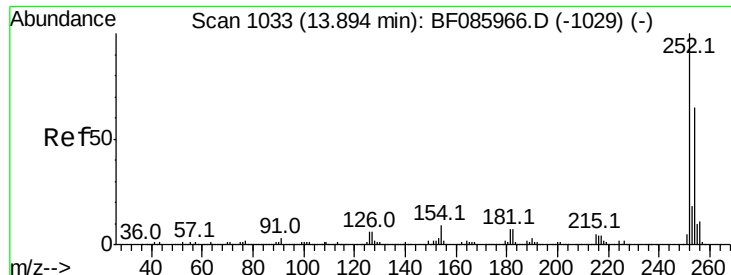
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#80
Benzo(a)anthracene
Concen: 39.22 ng
RT: 13.92 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF085976.D
Acq: 1 Apr 2016 22:14

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	728929		
226	28.5	22.1	33.1	
229	20.2	16.2	24.4	





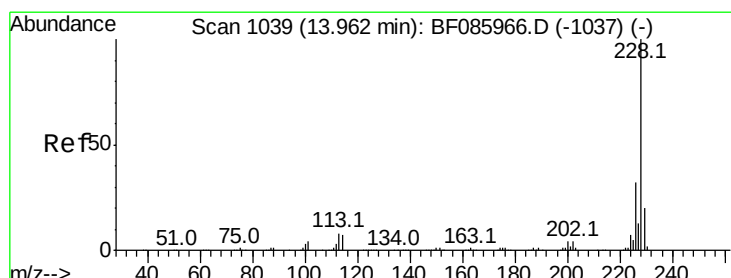
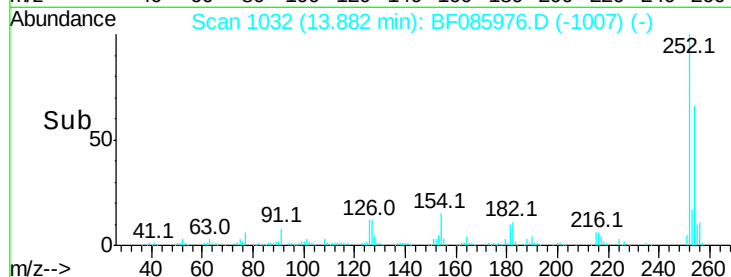
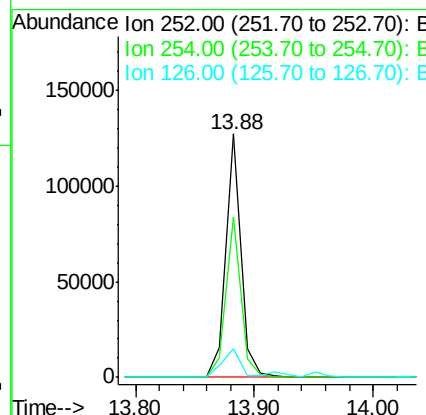
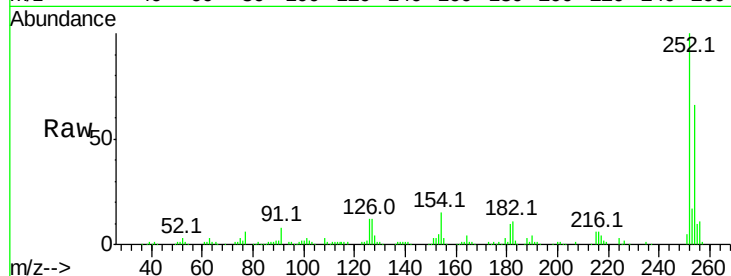
#81
 3,3'-Dichlorobenzidine
 Concen: 8.20 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: BF085976.D
 Acq: 1 Apr 2016 22:14

Instrument :
 BNA_F
 ClientSampleId :
 PB89340BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	65.8	50.7	76.1
126	11.7	11.8	17.6

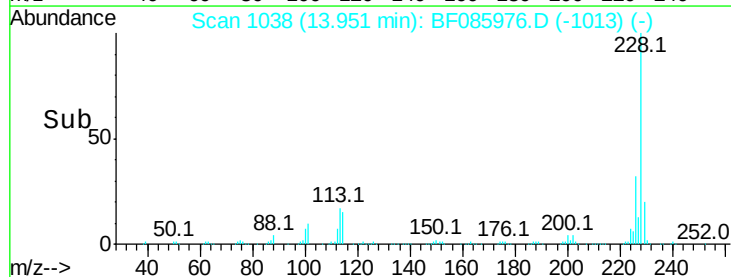
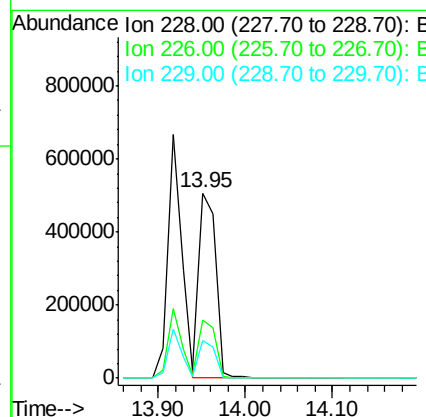
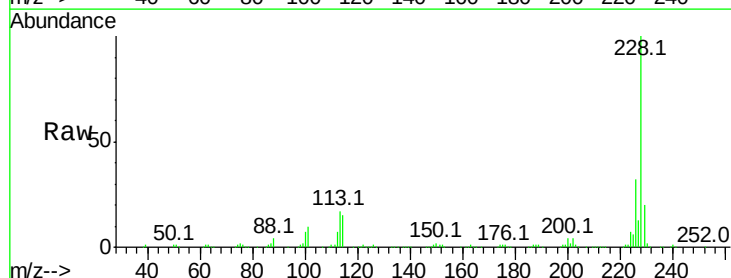
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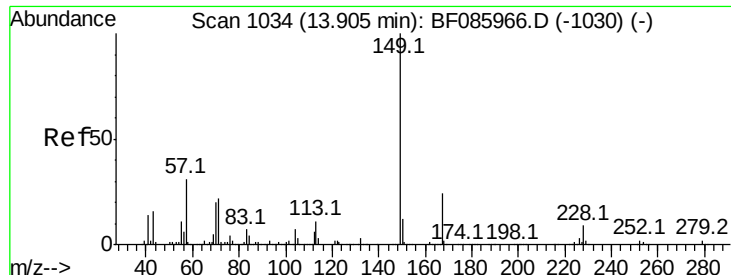
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#82
 Chrysene
 Concen: 37.72 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF085976.D
 Acq: 1 Apr 2016 22:14

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.7	25.0	37.6
229	20.4	15.7	23.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.39 ng

RT: 13.91 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BF085976.D

Acq: 1 Apr 2016 22:14

Instrument :

BNA_F

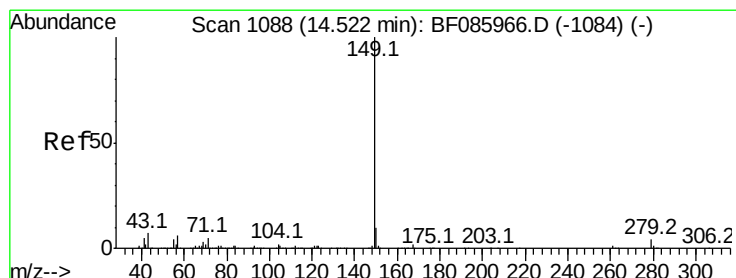
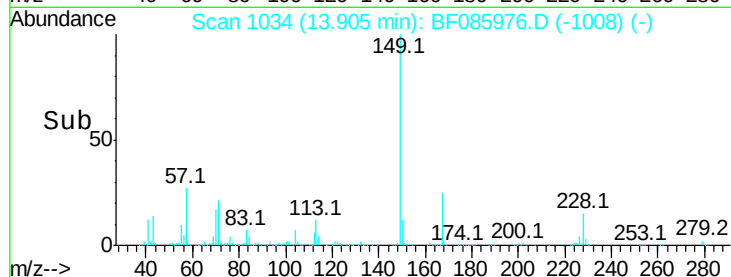
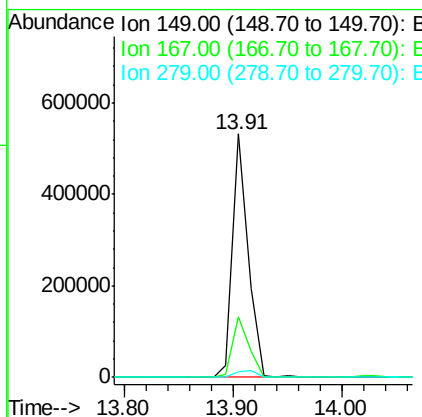
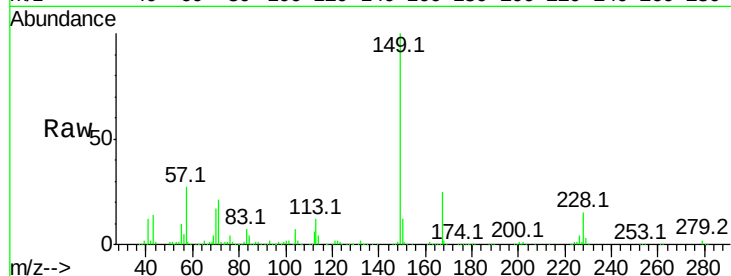
ClientSampleId :

PB89340BS

Tot Ion:	149	Resp:	522925
Ion Ratio	Lower	Upper	
149	100		
167	25.1	19.4	29.2
279	2.1	1.5	2.3

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#84

Di-n-octyl phthalate

Concen: 44.00 ng

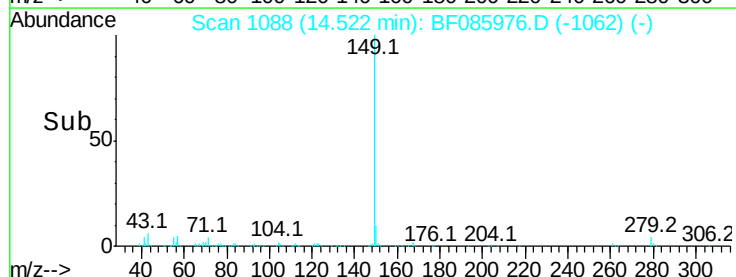
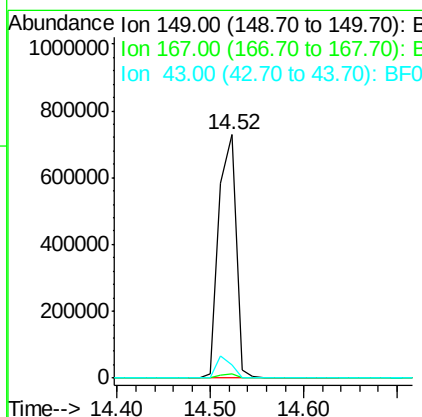
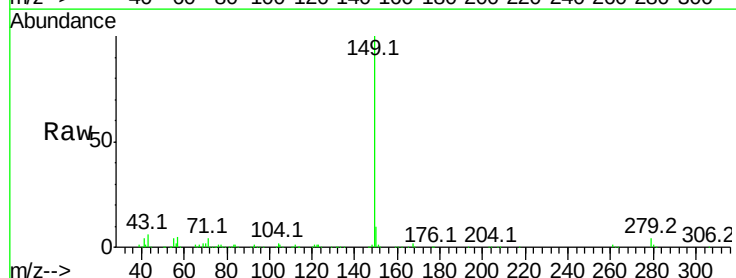
RT: 14.52 min Scan# 1088

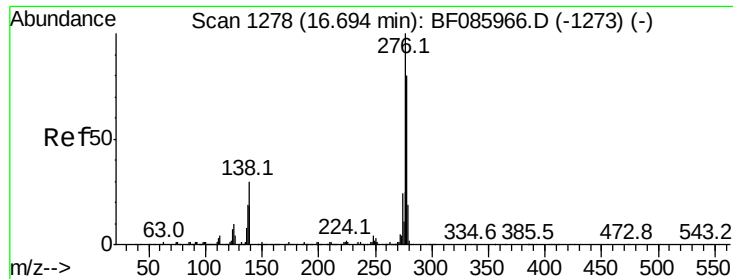
Delta R.T. 0.00 min

Lab File: BF085976.D

Acq: 1 Apr 2016 22:14

Tgt Ion:	149	Resp:	932839
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	8.4	7.1	10.7





#85

Indeno(1,2,3-cd)pyrene

Concen: 38.87 ng

RT: 16.69 min Scan# 1278

Delta R.T. 0.00 min

Lab File: BF085976.D

Acq: 1 Apr 2016 22:14

Instrument :

BNA_F

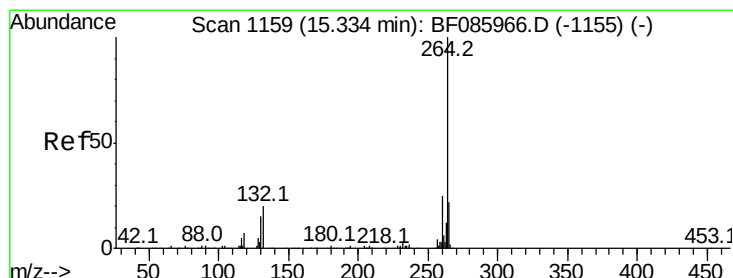
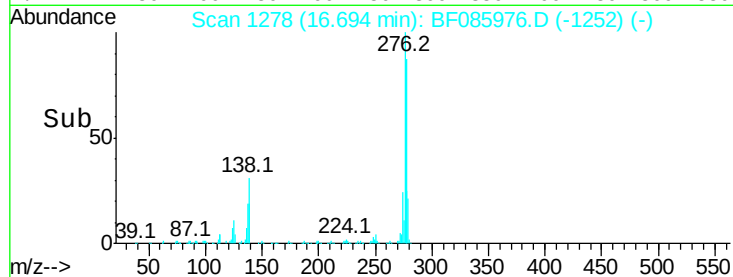
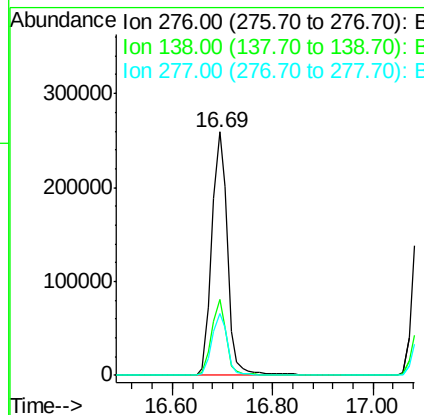
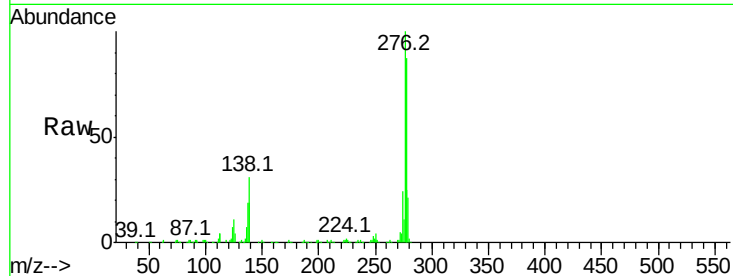
ClientSampleId :

PB89340BS

Tot Ion:	276	Resp:	564579
Ion Ratio		Lower	Upper
276	100		
138	29.3	24.2	36.4
277	24.9	20.0	30.0

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#86

Perylene-d12

Concen: 20.00 ng

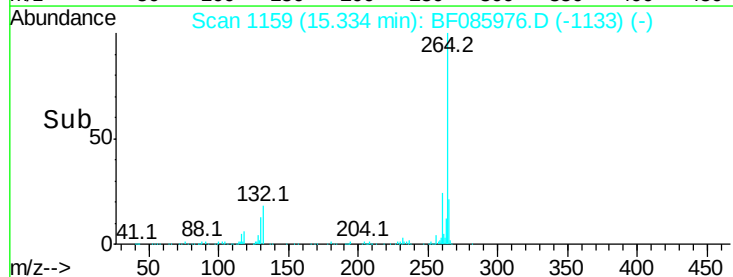
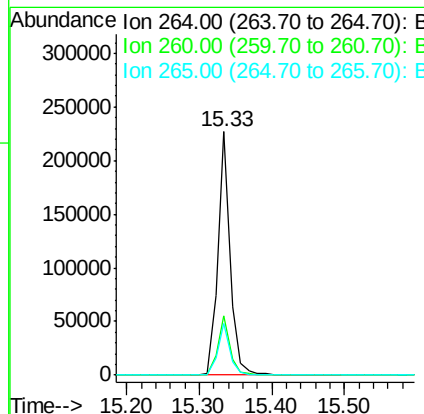
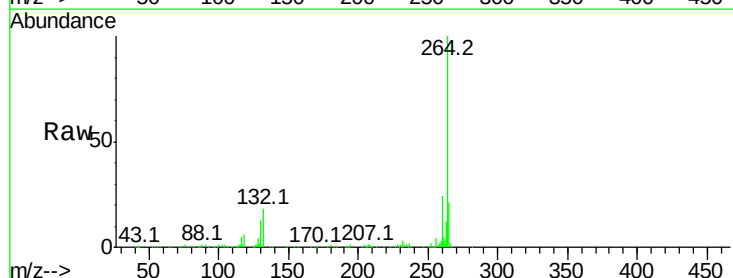
RT: 15.33 min Scan# 1159

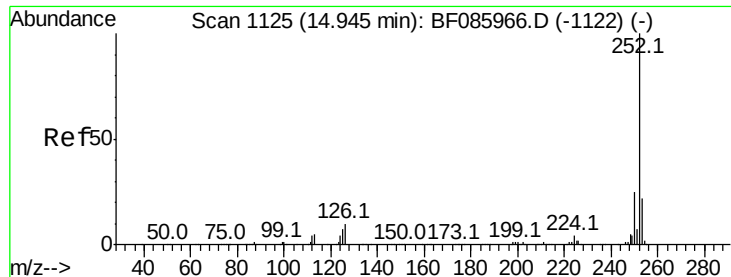
Delta R.T. 0.00 min

Lab File: BF085976.D

Acq: 1 Apr 2016 22:14

Tgt Ion:	264	Resp:	266179
Ion Ratio		Lower	Upper
264	100		
260	24.4	19.4	29.2
265	21.3	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 49.61 ng m

RT: 14.93 min Scan# 1124

Delta R.T. -0.01 min

Lab File: BF085976.D

Acq: 1 Apr 2016 22:14

Instrument :

BNA_F

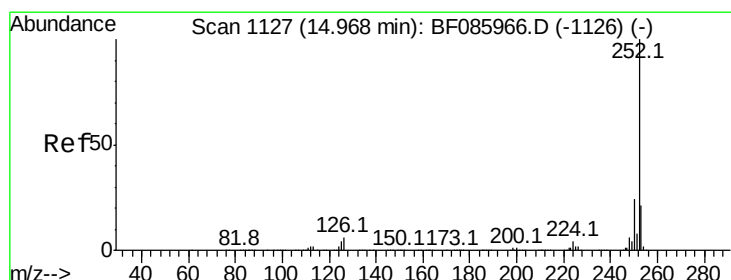
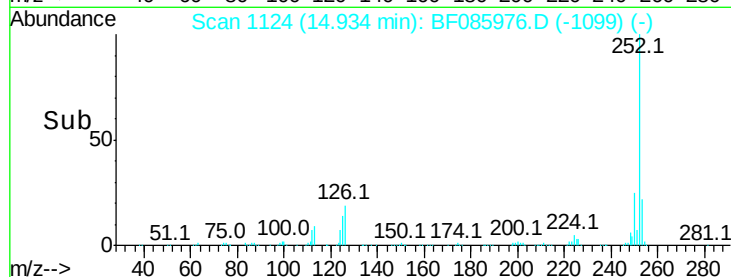
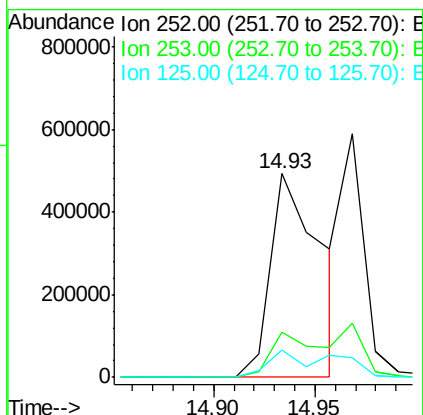
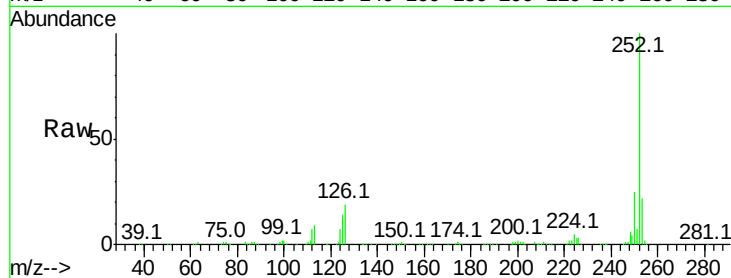
ClientSampleId :

PB89340BS

Tot Ion:	252	Resp:	830764
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.6	26.4
125	13.7	10.3	15.5

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#88

Benzo(k)fluoranthene

Concen: 31.35 ng m

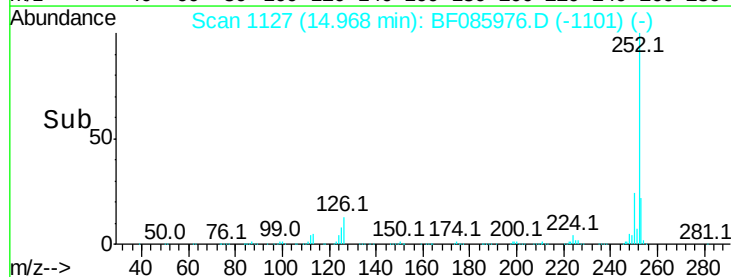
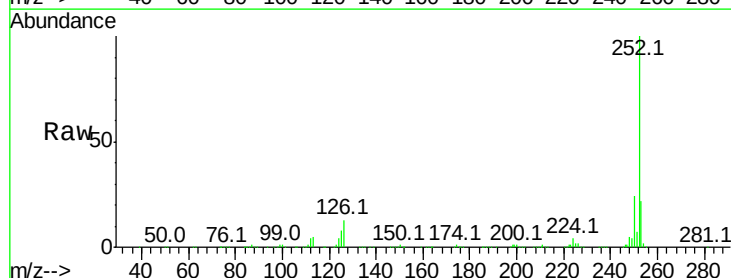
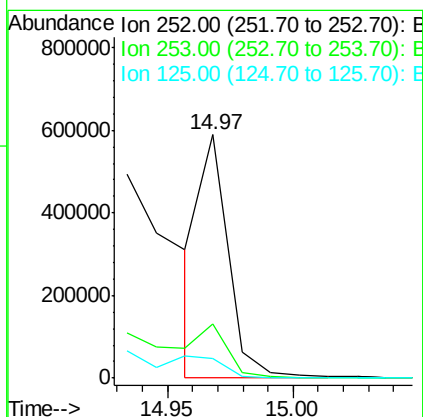
RT: 14.97 min Scan# 1127

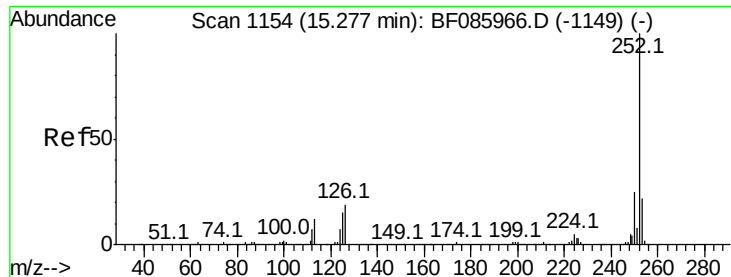
Delta R.T. 0.00 min

Lab File: BF085976.D

Acq: 1 Apr 2016 22:14

Tgt Ion:	252	Resp:	464850
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.8	26.6
125	8.1	7.7	11.5





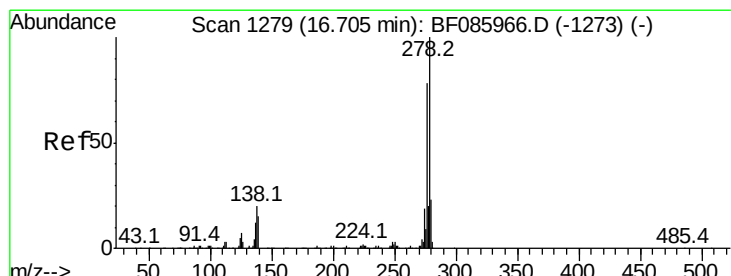
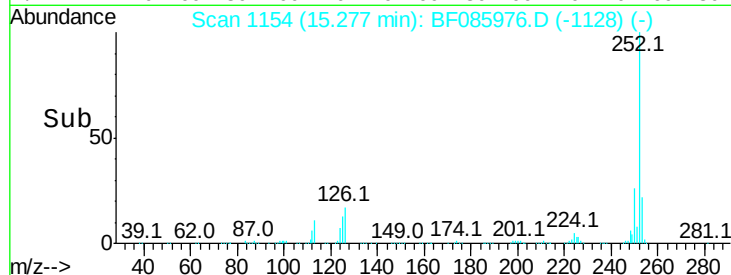
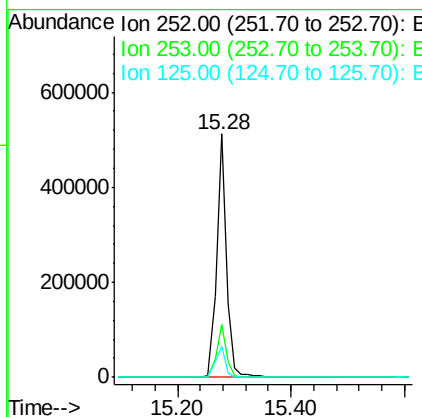
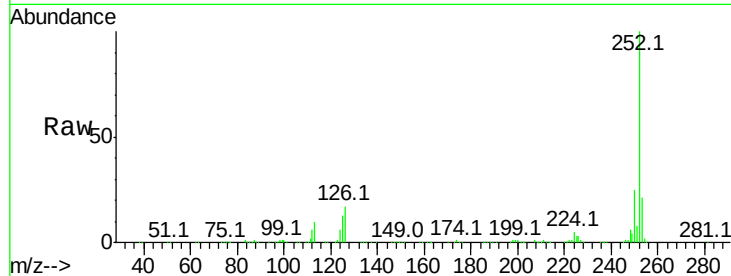
#89
Benzo(a)pyrene
Concen: 40.85 ng
RT: 15.28 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BF085976.D
Acq: 1 Apr 2016 22:14

Instrument :
BNA_F
ClientSampleId :
PB89340BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.4	26.0
125	12.6	10.3	15.5

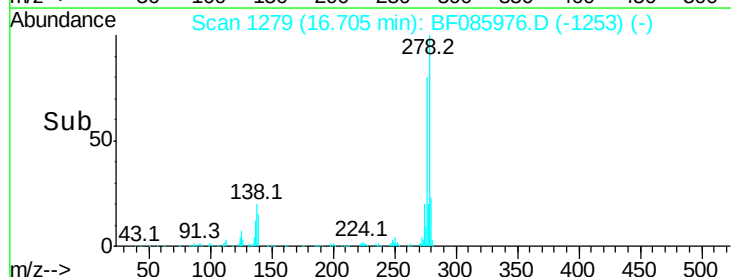
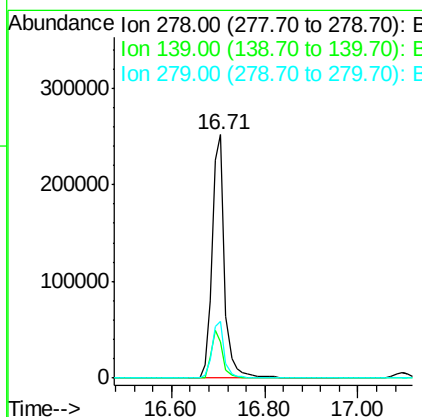
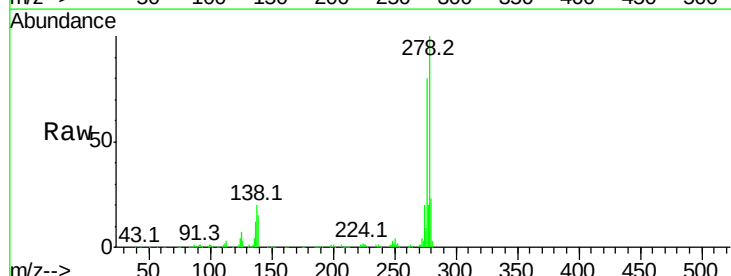
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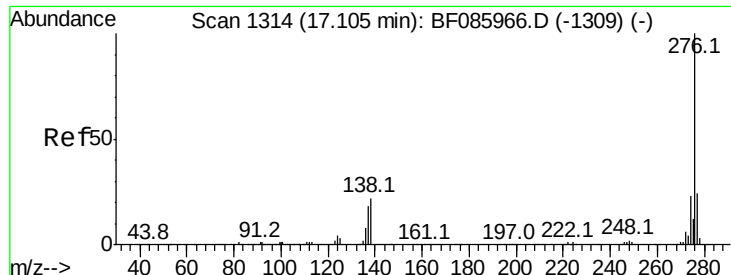
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#90
Dibenzo(a,h)anthracene
Concen: 39.89 ng
RT: 16.71 min Scan# 1279
Delta R.T. 0.00 min
Lab File: BF085976.D
Acq: 1 Apr 2016 22:14

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.8	14.4	21.6
279	23.1	19.1	28.7





#91
 Benzo(a,h,i)perylene
 Concen: 39.69 ng
 RT: 17.09 min Scan# 1313
 Delta R.T. -0.01 min
 Lab File: BF085976.D
 Acq: 1 Apr 2016 22:14

Instrument :
 BNA_F
 ClientSampleId :
 PB89340BS

Tot Ion:	276	Resp:	458455
Ion Ratio	Lower	Upper	
276	100		
277	23.5	18.8	28.2
138	25.7	22.6	34.0

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