

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040616\
 Data File : BF086098.D
 Acq On : 6 Apr 2016 15:02
 Operator : UM/SJ
 Sample : PB89565BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB89565BS

Manual Integrations
 APPROVED

Sohil
 4/7/2016 11:40:44 AM

Quant Time: Apr 07 01:44:03 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	6.74	152	105394	20.00	ng	-0.03
21) Naphthalene-d8	8.03	136	428773	20.00	ng	-0.03
38) Acenaphthene-d10	9.78	164	194342	20.00	ng	-0.03
63) Phenanthrene-d10	11.26	188	368170	20.00	ng	-0.03
75) Chrysene-d12	13.91	240	249523	20.00	ng	-0.02
86) Perylene-d12	15.30	264	194578	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	718787	116.57	ng	-0.02
7) Phenol-d6	6.40	99	955242	121.97	ng	-0.02
23) Nitrobenzene-d5	7.31	82	586381	80.65	ng	-0.03
41) 2,4,6-Tribromophenol	10.58	330	267357	146.57	ng	-0.02
44) 2-Fluorobiphenyl	9.10	172	964861	82.55	ng	-0.03
78) Terphenyl-d14	12.85	244	1018796	95.98	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.34	88	96964	33.17	ng	# 97
3) Pyridine	3.04	79	246461	37.66	ng	100
4) n-Nitrosodimethylamine	2.98	42	118672	41.24	ng	99
6) Aniline	6.41	93	190465	18.54	ng	# 1
8) 2-Chlorophenol	6.53	128	285920	38.88	ng	96
9) Benzaldehyde	6.29	77	99083	23.51	ng	93
10) Phenol	6.41	94	386867	43.30	ng	92
11) bis(2-Chloroethyl)ether	6.49	93	289939	40.98	ng	96
12) 1,3-Dichlorobenzene	6.68	146	303121	38.89	ng	# 94
13) 1,4-Dichlorobenzene	6.76	146	305846	38.09	ng	95
14) 1,2-Dichlorobenzene	6.91	146	278612	37.70	ng	96
15) Benzyl Alcohol	6.90	79	214526	42.34	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.02	45	313175	36.24	ng	68
17) 2-Methylphenol	7.01	107	229486	39.58	ng	97
18) Hexachloroethane	7.25	117	113210	38.34	ng	96
19) n-Nitroso-di-n-propylamine	7.16	70	179553	36.99	ng	93
20) 3+4-Methylphenols	7.17	107	298926	42.39	ng	# 65
22) Acetophenone	7.16	105	390038	38.70	ng	# 90
24) Nitrobenzene	7.33	77	306865	38.58	ng	94
25) Isophorone	7.57	82	550860	38.38	ng	97
26) 2-Nitrophenol	7.65	139	158742	41.71	ng	99
27) 2,4-Dimethylphenol	7.70	122	284006	41.55	ng	97
28) bis(2-Chloroethoxy)methane	7.79	93	352683	41.88	ng	100
29) 2,4-Dichlorophenol	7.89	162	224148	38.79	ng	93
30) 1,2,4-Trichlorobenzene	7.97	180	244308	37.66	ng	97
31) Naphthalene	8.05	128	832124	38.58	ng	99
32) Benzoic acid	7.84	122	161533	32.21	ng	97
33) 4-Chloroaniline	8.11	127	71732	8.23	ng	96
34) Hexachlorobutadiene	8.17	225	127520	36.57	ng	99
35) Caprolactam	8.48	113	77454m	42.25	ng	
36) 4-Chloro-3-methylphenol	8.60	107	244407	37.62	ng	96
37) 2-Methylnaphthalene	8.74	142	522810	37.11	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	218112	37.34	ng	98
40) Hexachlorocyclopentadiene	8.90	237	166309	79.03	ng	96

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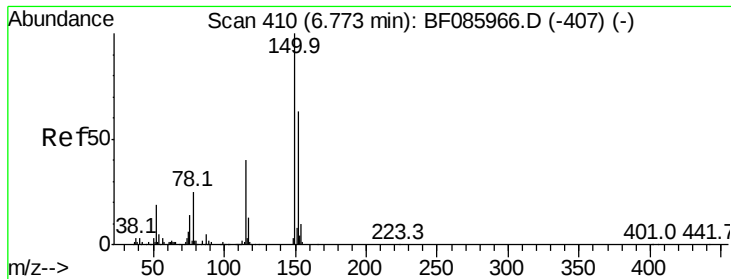
Manual Integrations
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Sohil
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.04	196	147548	39.34	nq	98
43) 2,4,5-Trichlorophenol	9.07	196	154807	40.65	nq #	80
45) 1,1'-Biphenyl	9.21	154	641828	38.30	nq	98
46) 2-Chloronaphthalene	9.23	162	468002	38.53	nq	93
47) 2-Nitroaniline	9.33	65	143776	40.45	nq	91
48) Acenaphthylene	9.64	152	731247	37.58	nq	100
49) Dimethylphthalate	9.52	163	600674	41.70	nq	99
50) 2,6-Dinitrotoluene	9.58	165	120583	39.57	nq #	55
51) Acenaphthene	9.81	154	435875	37.66	nq	99
52) 3-Nitroaniline	9.74	138	55882	15.21	nq	88
53) 2,4-Dinitrophenol	9.87	184	125691	65.93	nq #	66
54) Dibenzofuran	9.98	168	629801	41.21	nq	95
55) 4-Nitrophenol	9.93	139	158325	73.12	nq	93
56) 2,4-Dinitrotoluene	9.98	165	144944	37.64	nq #	41
57) Fluorene	10.33	166	480776	36.83	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.11	232	117674	41.50	nq	98
59) Diethylphthalate	10.21	149	597511	41.10	nq	100
60) 4-Chlorophenyl-phenylether	10.33	204	245241	40.33	nq #	81
61) 4-Nitroaniline	10.36	138	127422	35.23	nq	88
62) Azobenzene	10.49	77	612420	43.98	nq	88
64) 4,6-Dinitro-2-methylphenol	10.40	198	87578	39.25	nq	88
65) n-Nitrosodiphenylamine	10.44	169	438093	38.05	nq	99
66) 4-Bromophenyl-phenylether	10.81	248	139619	37.14	nq #	84
67) Hexachlorobenzene	10.88	284	150187	38.64	nq #	76
68) Atrazine	10.98	200	163485	43.94	nq	99
69) Pentachlorophenol	11.08	266	143119	78.56	nq	98
70) Phenanthrene	11.29	178	746201	37.15	nq	100
71) Anthracene	11.34	178	834142	39.65	nq	99
72) Carbazole	11.50	167	739783	40.90	nq	98
73) Di-n-butylphthalate	11.82	149	850642	37.96	nq	99
74) Fluoranthene	12.48	202	798098	38.20	nq	95
76) Benzidine	12.60	184	273347	31.05	nq	98
77) Pyrene	12.70	202	807654	45.93	nq	99
79) Butylbenzylphthalate	13.32	149	353491	44.65	nq #	83
80) Benzo(a)anthracene	13.89	228	601601	40.90	nq	99
81) 3,3'-Dichlorobenzidine	13.85	252	80553	7.50	nq #	97
82) Chrysene	13.93	228	592472	41.82	nq	100
83) Bis(2-ethylhexyl)phthalate	13.88	149	440291	41.90	nq #	96
84) Di-n-octyl phthalate	14.49	149	673002	40.11	nq	99
85) Indeno(1,2,3-cd)pyrene	16.65	276	478800	41.65	nq	99
87) Benzo(b)fluoranthene	14.91	252	555449m	45.38	nq	
88) Benzo(k)fluoranthene	14.93	252	383677m	35.40	nq	
89) Benzo(a)pyrene	15.24	252	445915	41.12	nq	98
90) Dibenzo(a,h)anthracene	16.65	278	401392	46.00	nq	99
91) Benzo(g,h,i)perylene	17.05	276	410291	48.59	nq	94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 407

Delta R.T. -0.03 min

Lab File: BF086098.D

Acq: 6 Apr 2016 15:02

Instrument :

BNA_F

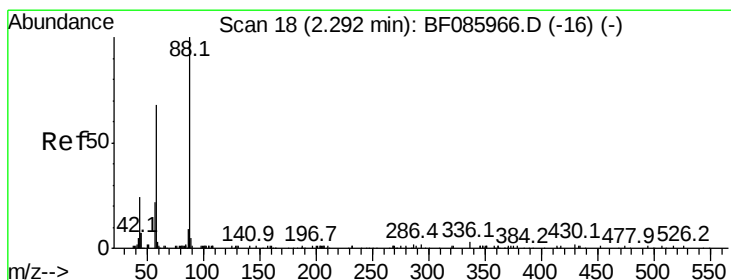
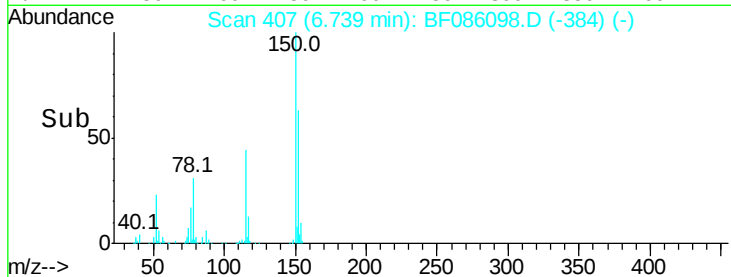
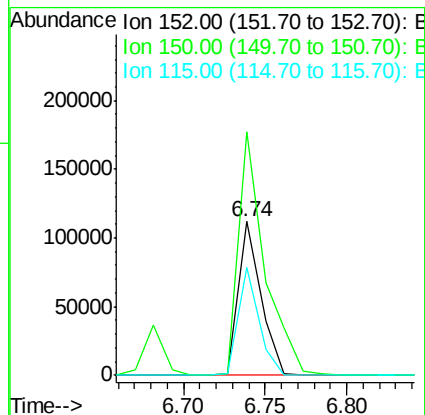
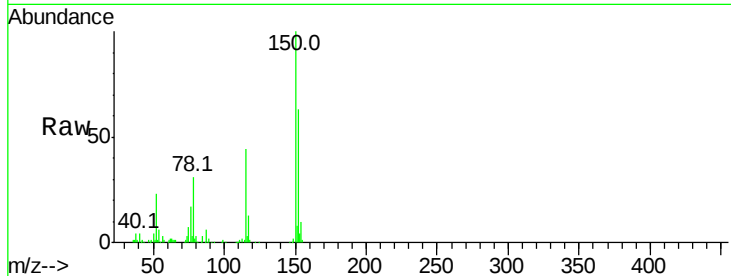
ClientSampleId :

PB89565BS

Tot Ion:	152	Resp:	105394
Ion Ratio	Lower	Upper	
152	100		
150	158.2	124.2	186.2
115	69.9	47.0	70.6

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#2

1,4-Dioxane

Concen: 33.17 ng

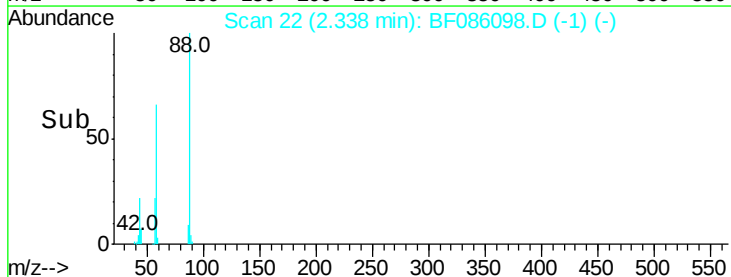
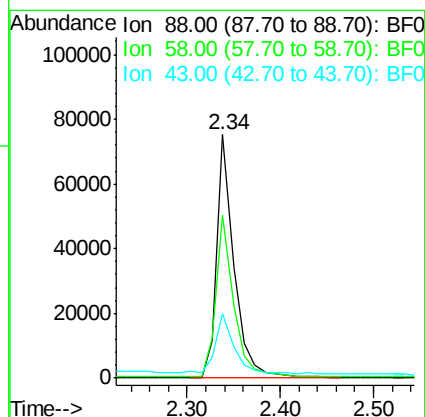
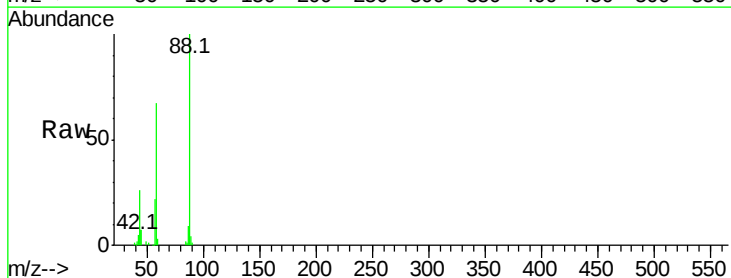
RT: 2.34 min Scan# 22

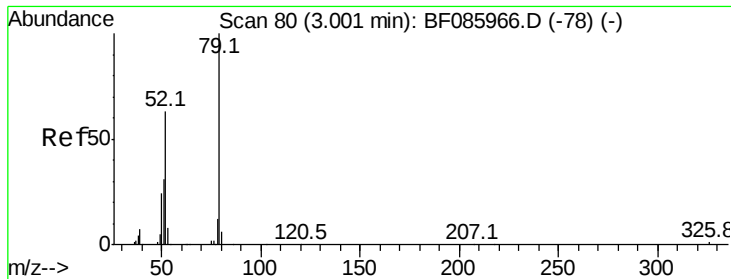
Delta R.T. 0.05 min

Lab File: BF086098.D

Acq: 6 Apr 2016 15:02

Tgt Ion:	88	Resp:	96964
Ion Ratio	Lower	Upper	
88	100		
58	67.5	54.2	81.2
43	28.9	19.3	28.9#





#3

Pvridine

Concen: 37.66 ng

RT: 3.04 min Scan# 83

Delta R.T. 0.03 min

Lab File: BF086098.D

Acq: 6 Apr 2016 15:02

Instrument :

BNA_F

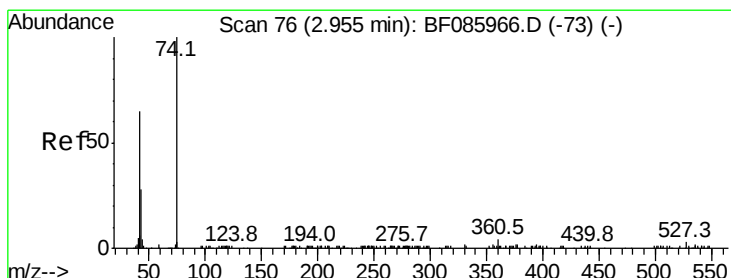
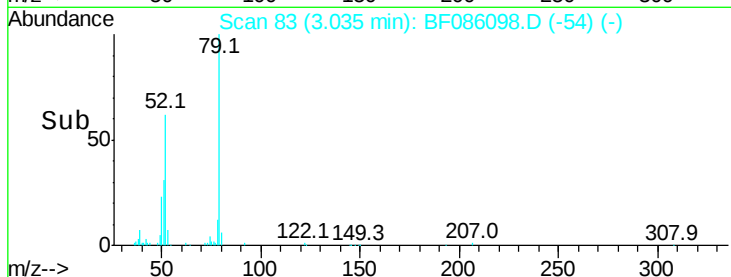
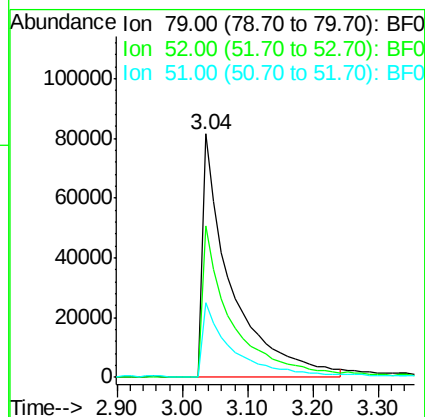
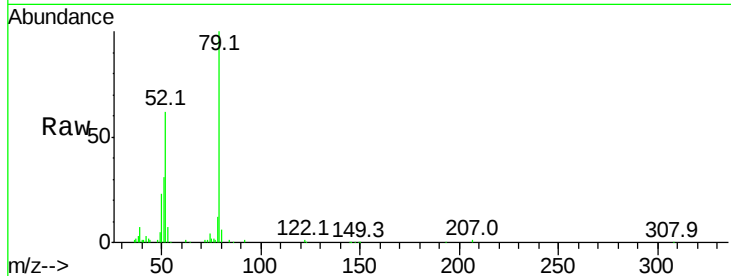
ClientSampleId :

PB89565BS

Tot Ion:	79	Resp:	246461
Ion Ratio	Lower	Upper	
79	100		
52	62.2	49.8	74.6
51	30.8	24.7	37.1

Manual Integrations
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4/7/2016 11:40:44 AM



#4

n-Nitrosodimethylamine

Concen: 41.24 ng

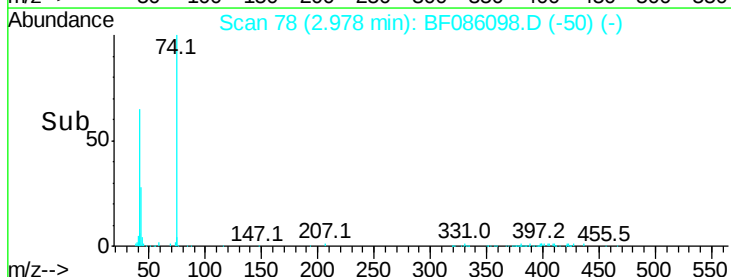
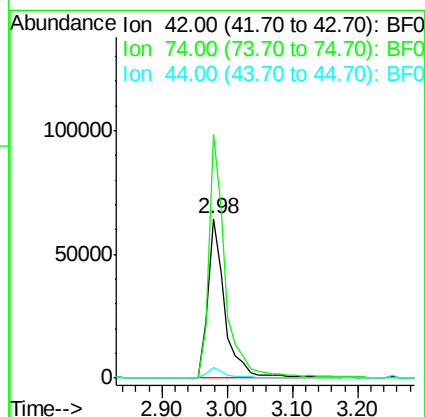
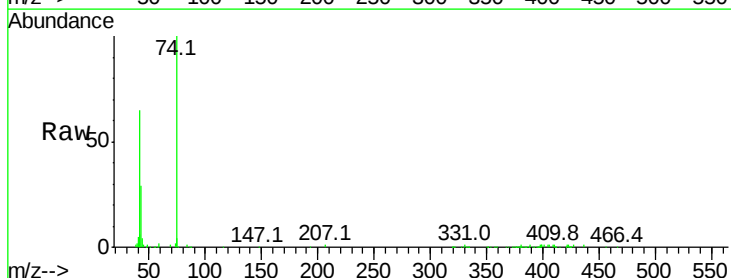
RT: 2.98 min Scan# 78

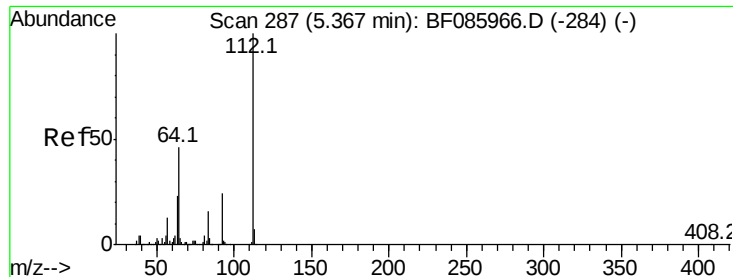
Delta R.T. 0.02 min

Lab File: BF086098.D

Acq: 6 Apr 2016 15:02

Tgt Ion:	42	Resp:	118672
Ion Ratio	Lower	Upper	
42	100		
74	153.0	121.4	182.2
44	6.9	5.6	8.4





#5

2-Fluorophenol

Concen: 116.57 ng

RT: 5.34 min Scan# 285

Delta R.T. -0.02 min

Lab File: BF086098.D

Acq: 6 Apr 2016 15:02

Instrument :

BNA_F

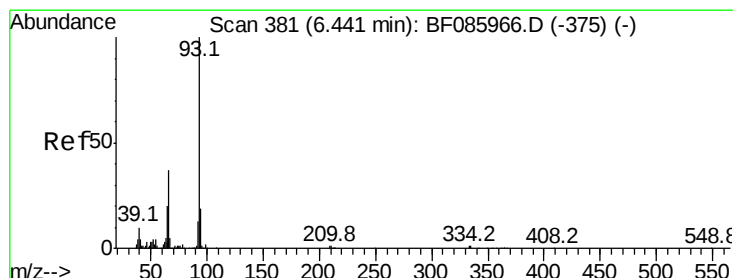
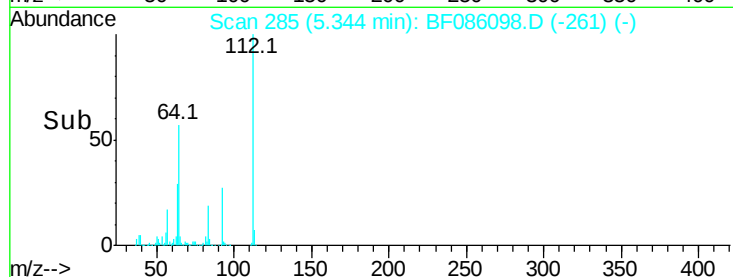
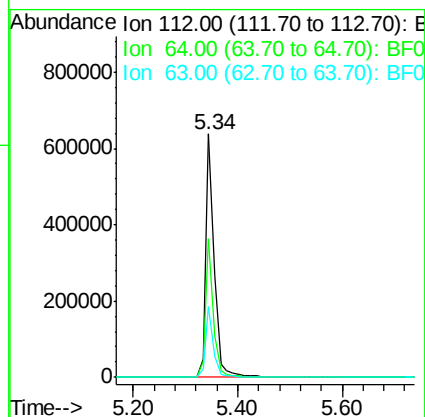
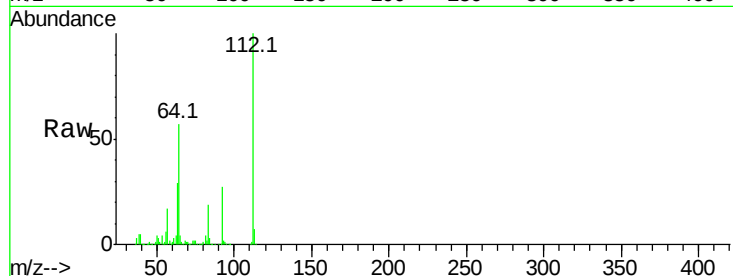
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Tot Ion	Ratio	Resp	Lower	Upper
112	100	718787		
64	56.9	39.9	59.9	
63	28.9	20.2	30.2	



#6

Aniline

Concen: 18.54 ng

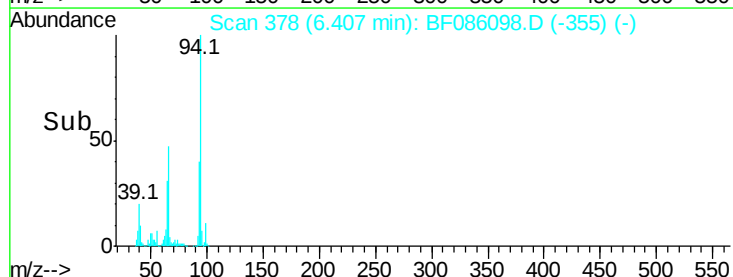
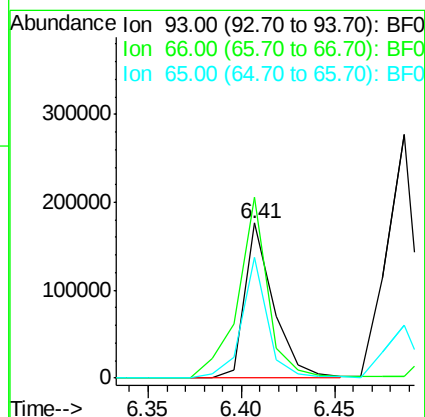
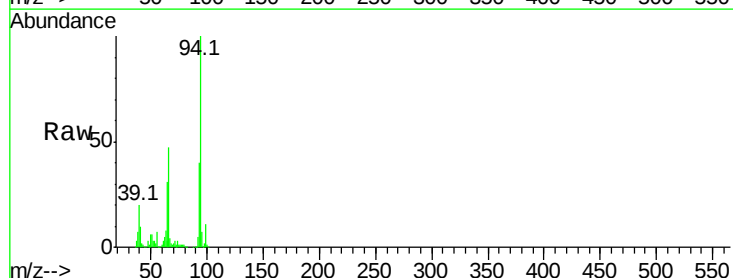
RT: 6.41 min Scan# 378

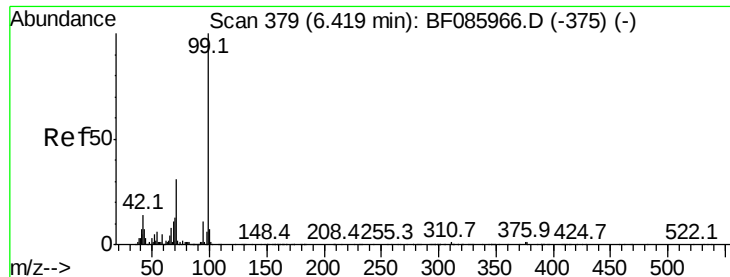
Delta R.T. -0.03 min

Lab File: BF086098.D

Acq: 6 Apr 2016 15:02

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	190465		
66	116.7	31.4	47.2#	
65	77.7	15.7	23.5#	





#7

Phenol-d6

Concen: 121.97 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.02 min

Lab File: BF086098.D

Acq: 6 Apr 2016 15:02

Instrument :

BNA_F

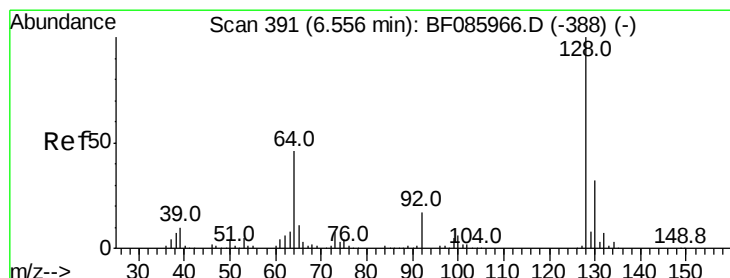
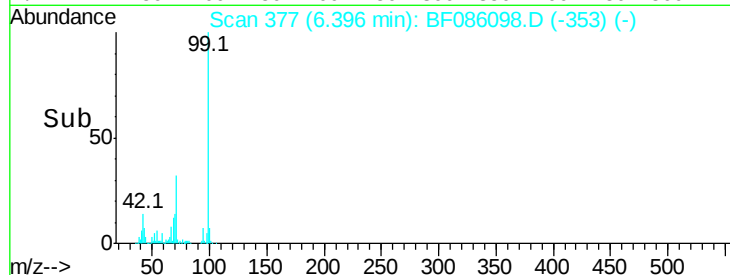
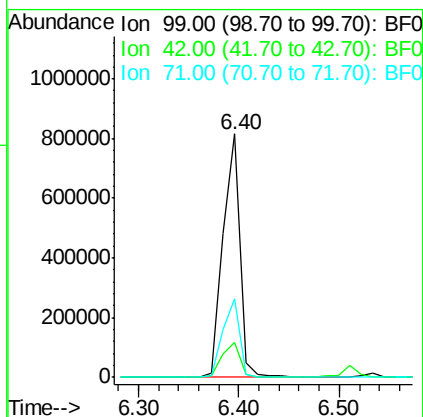
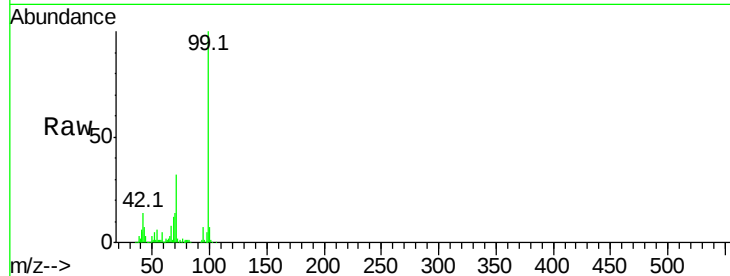
ClientSampleId :

PB89565BS

Tot Ion:	99	Resp:	955242
Ion Ratio	Lower	Upper	
99	100		
42	14.2	11.1	16.7
71	32.0	24.9	37.3

Manual Integrations
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#8

2-Chlorophenol

Concen: 38.88 ng

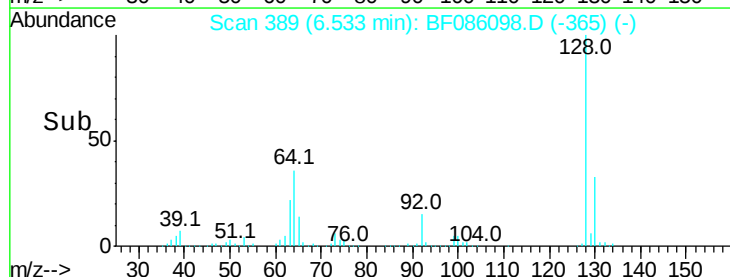
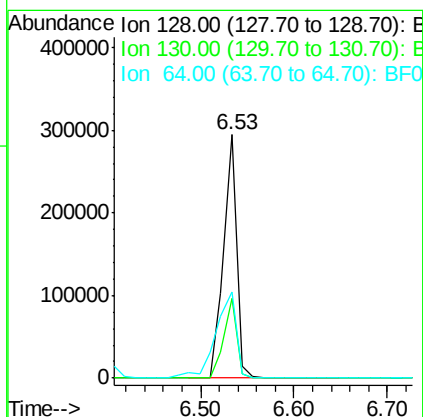
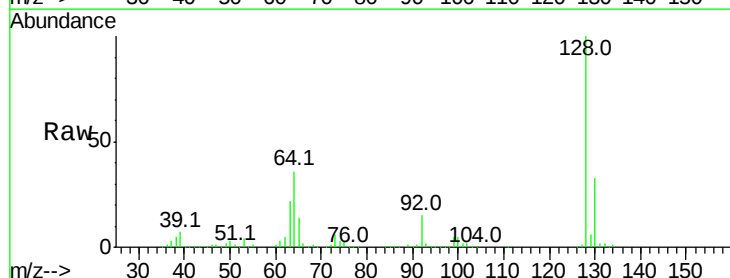
RT: 6.53 min Scan# 389

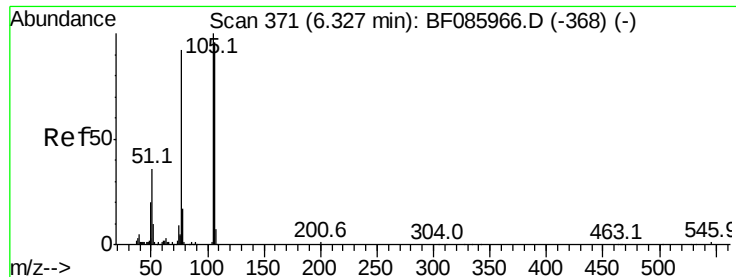
Delta R.T. -0.02 min

Lab File: BF086098.D

Acq: 6 Apr 2016 15:02

Tgt Ion:	128	Resp:	285920
Ion Ratio	Lower	Upper	
128	100		
130	32.9	12.9	52.9
64	35.5	20.2	60.2





#9

Benzaldehyde

Concen: 23.51 ng

RT: 6.29 min Scan# 368

Delta R.T. -0.03 min

Lab File: BF086098.D

Acq: 6 Apr 2016 15:02

Instrument :

BNA_F

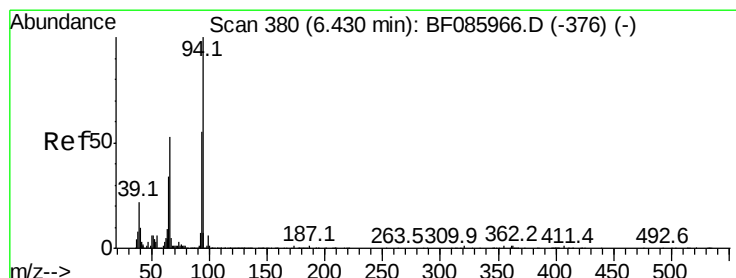
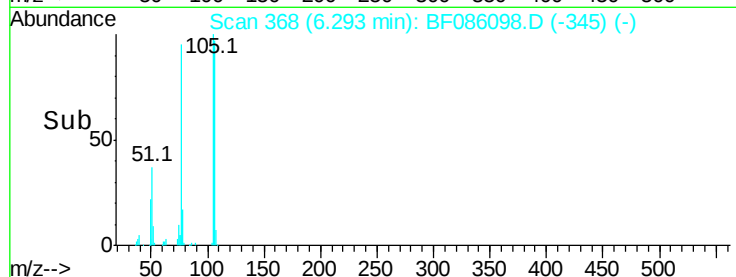
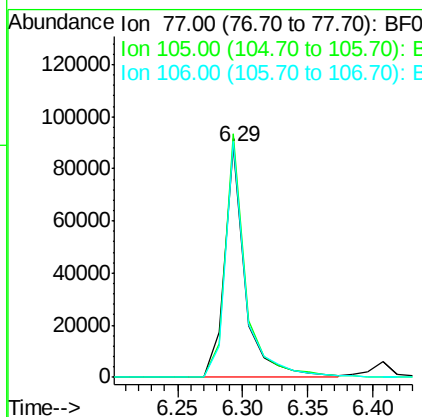
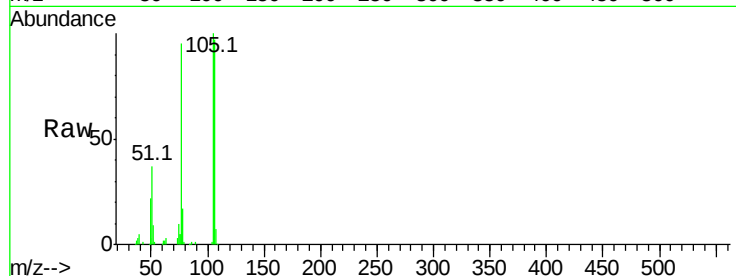
ClientSampleId :

PB89565BS

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Tot Ion	77	Resp	99083
Ion	Ratio	Lower	Upper
77	100		
105	105.6	80.1	120.1
106	102.5	75.0	115.0



#10

Phenol

Concen: 43.30 ng

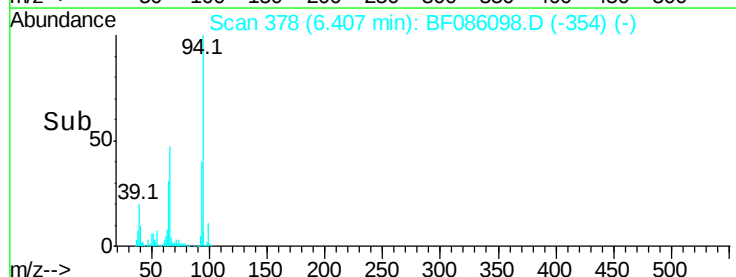
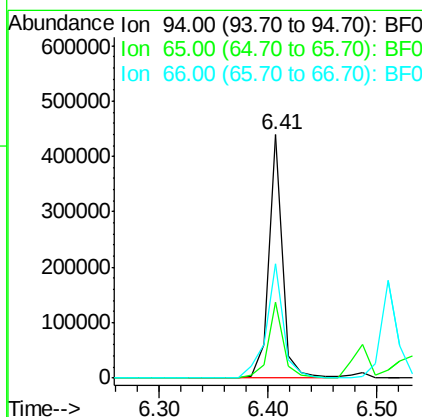
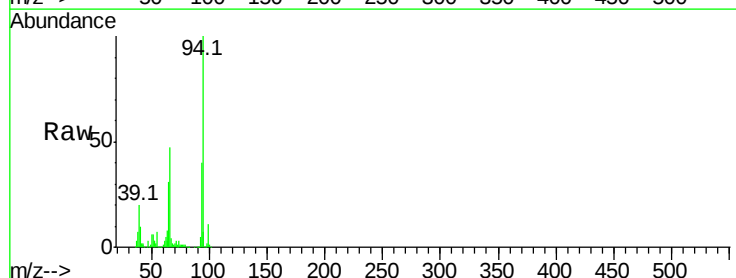
RT: 6.41 min Scan# 378

Delta R.T. -0.02 min

Lab File: BF086098.D

Acq: 6 Apr 2016 15:02

Tgt Ion	94	Resp	386867
Ion	Ratio	Lower	Upper
94	100		
65	31.2	8.6	48.6
66	46.8	20.0	60.0





#11

bis(2-Chloroethyl)ether

Concen: 40.98 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.02 min

Lab File: BF086098.D

Acq: 6 Apr 2016 15:02

Instrument :

BNA_F

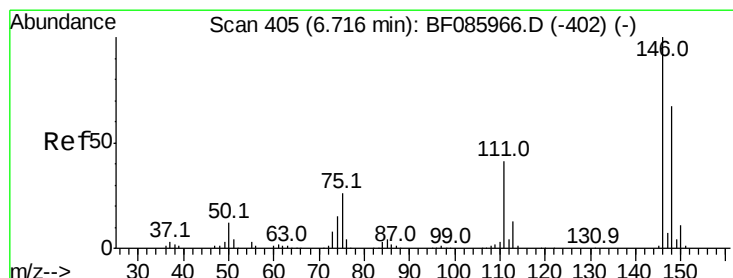
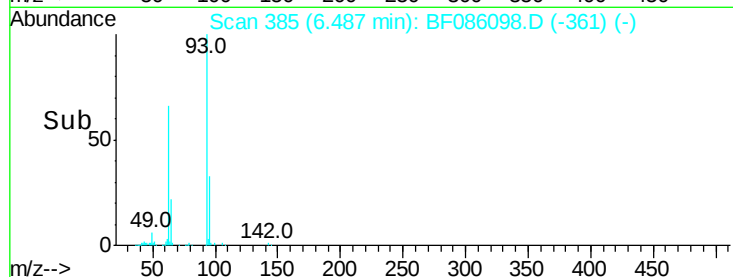
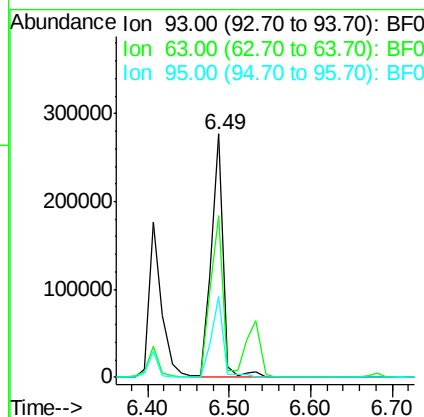
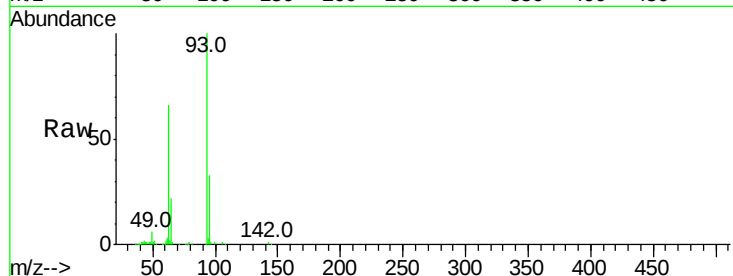
ClientSampleId :

PB89565BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	289939		
63	66.3		50.9	90.9
95	33.4		13.3	53.3

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4/7/2016 11:40:44 AM



#12

1,3-Dichlorobenzene

Concen: 38.89 ng

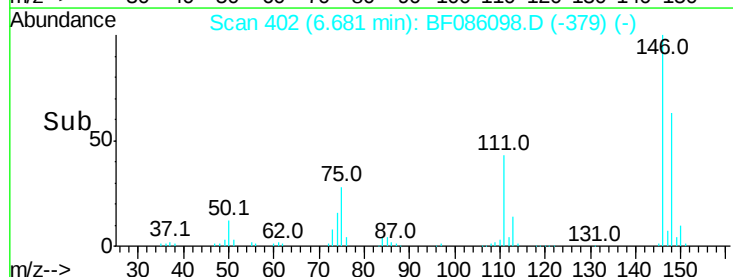
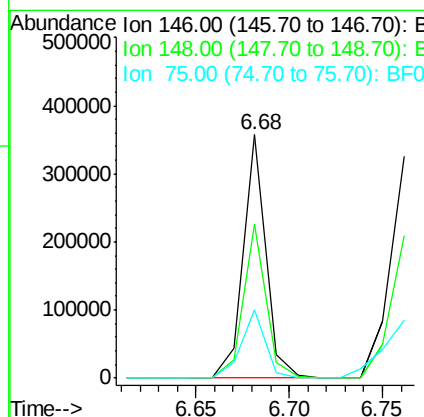
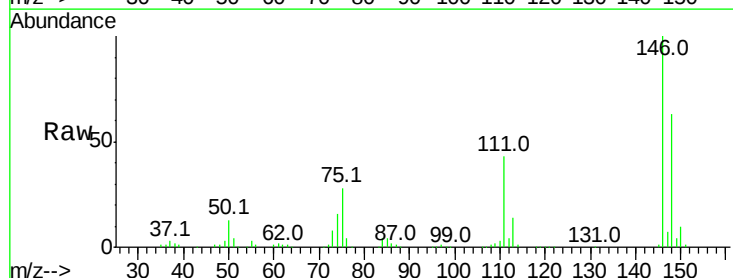
RT: 6.68 min Scan# 402

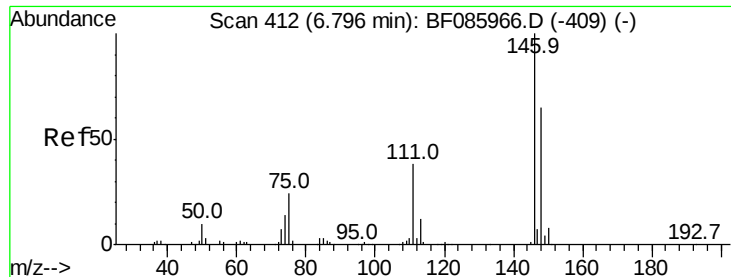
Delta R.T. -0.03 min

Lab File: BF086098.D

Acq: 6 Apr 2016 15:02

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	303121		
148	63.1		52.3	78.5
75	28.2		17.4	26.2#





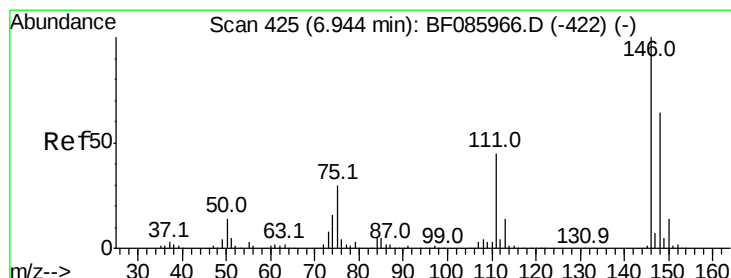
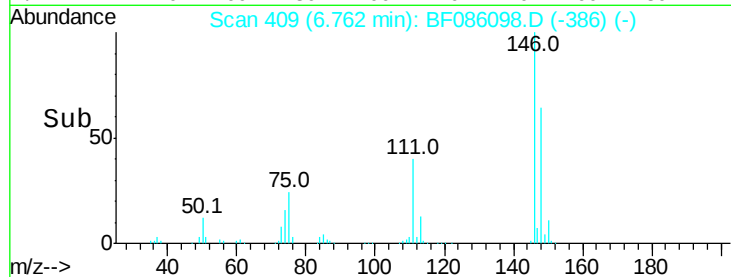
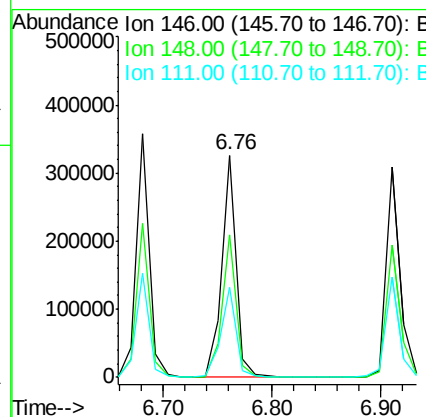
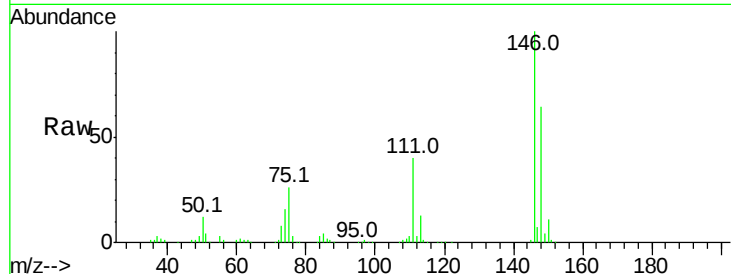
#13
 1,4-Dichlorobenzene
 Concen: 38.09 ng
 RT: 6.76 min Scan# 409
 Delta R.T. -0.03 min
 Lab File: BF086098.D
 Acq: 6 Apr 2016 15:02

Instrument :
 BNA_F
 ClientSampleId :
 PB89565BS

Tot Ion	Ratio	Resp	Lower	Upper
146	100	305846		
148	64.3	50.6	76.0	
111	40.2	37.8	56.6	

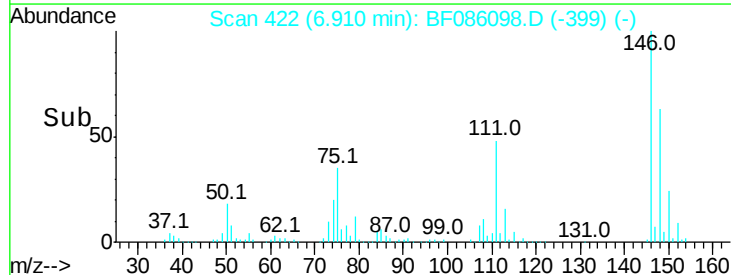
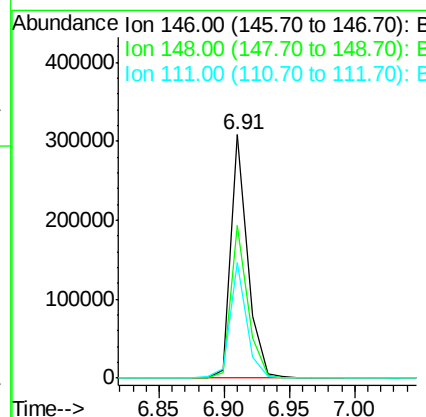
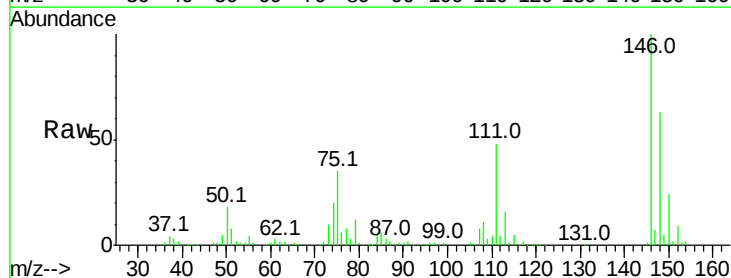
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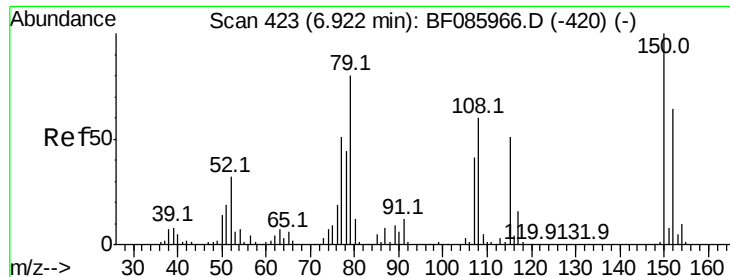
Sohil
 4/7/2016 11:40:44 AM



#14
 1,2-Dichlorobenzene
 Concen: 37.70 ng
 RT: 6.91 min Scan# 422
 Delta R.T. -0.03 min
 Lab File: BF086098.D
 Acq: 6 Apr 2016 15:02

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	278612		
148	62.9	51.4	77.2	
111	47.6	34.6	52.0	





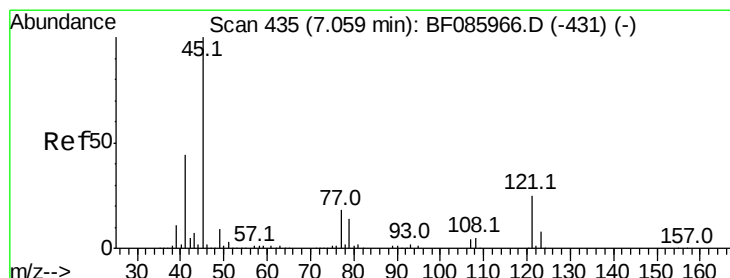
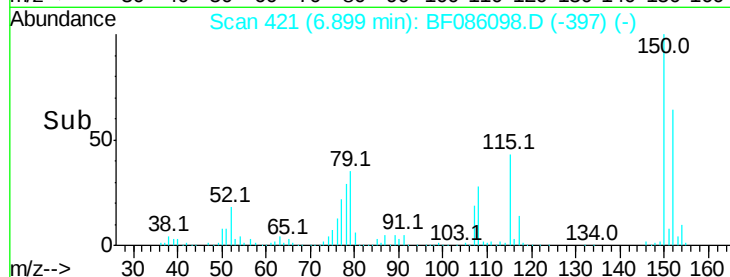
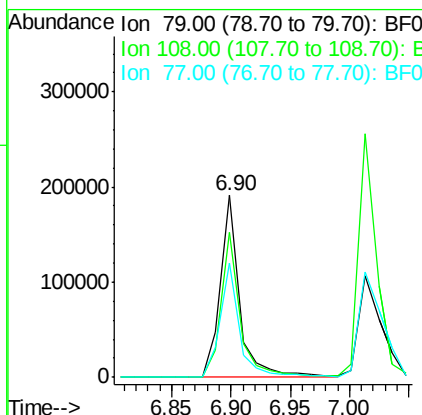
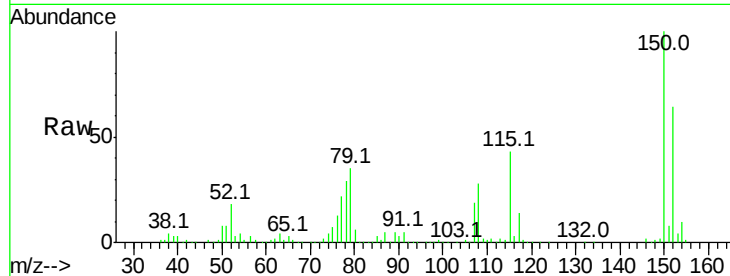
#15
Benzyl Alcohol
Concen: 42.34 ng
RT: 6.90 min Scan# 421
Delta R.T. -0.02 min
Lab File: BF086098.D
Acq: 6 Apr 2016 15:02

Instrument :
BNA_F
ClientSampleId :
PB89565BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	79.6	61.8	92.6
77	63.0	49.6	74.4

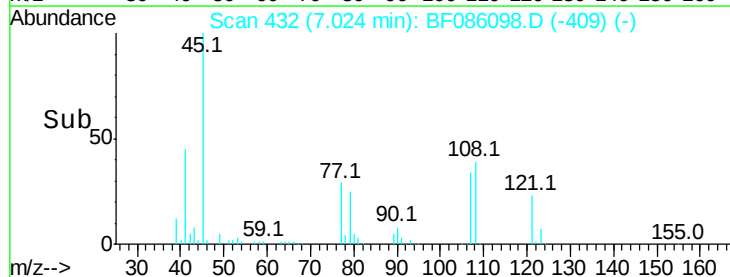
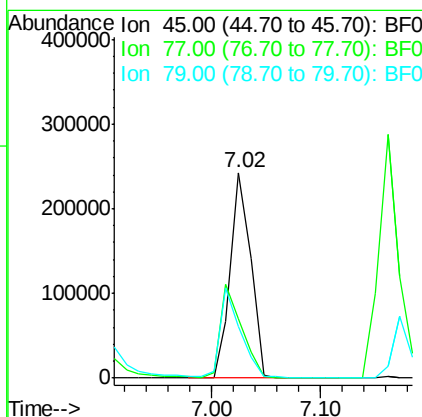
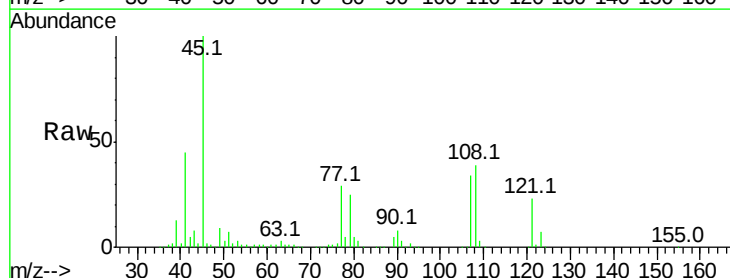
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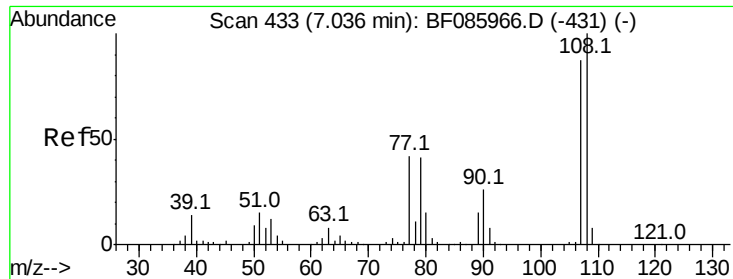
Sohil
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.24 ng
RT: 7.02 min Scan# 432
Delta R.T. -0.03 min
Lab File: BF086098.D
Acq: 6 Apr 2016 15:02

Tgt Ion	Ratio	Lower	Upper
45	100		
77	28.8	0.0	35.7
79	25.1	0.0	32.2





#17

2-Methylphenol

Concen: 39.58 ng

RT: 7.01 min Scan# 431

Delta R.T. -0.02 min

Lab File: BF086098.D

Acq: 6 Apr 2016 15:02

Instrument :

BNA_F

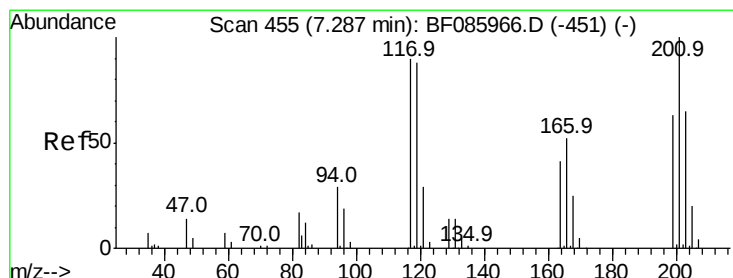
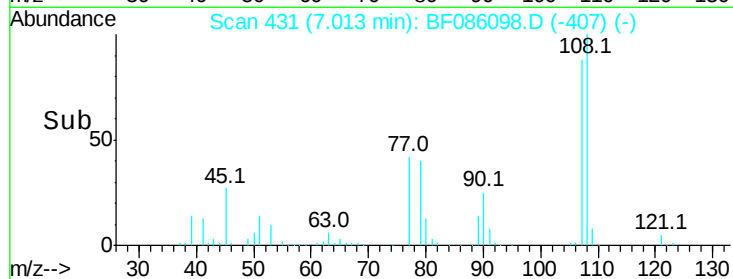
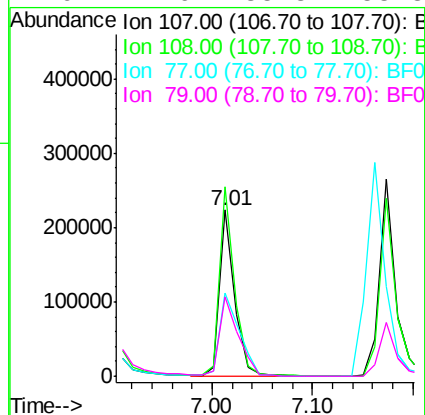
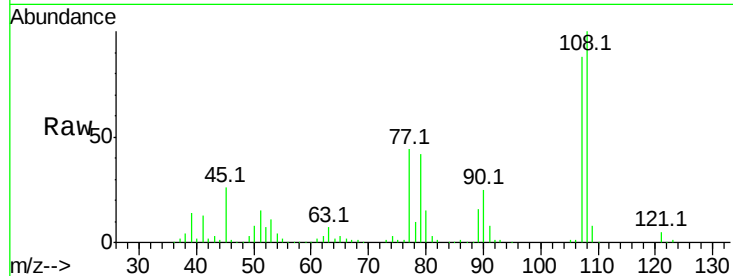
ClientSampled :

PB89565BS

Tot Ion:	107	Resp:	229486
Ion Ratio	Lower	Upper	
107	100		
108	114.3	91.4	137.0
77	49.7	36.2	54.2
79	47.6	35.8	53.8

Manual Integrations
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#18

Hexachloroethane

Concen: 38.34 ng

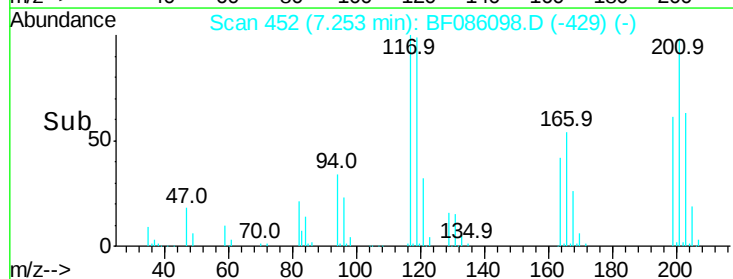
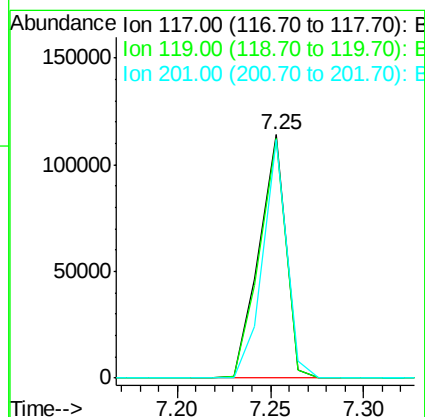
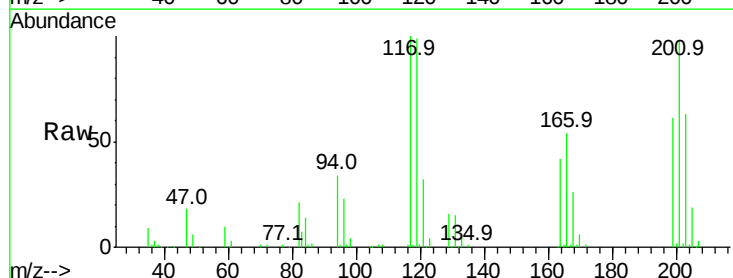
RT: 7.25 min Scan# 452

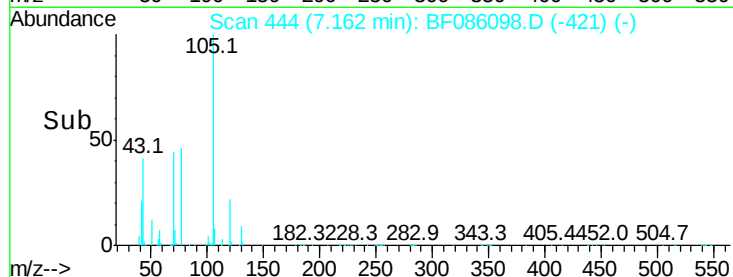
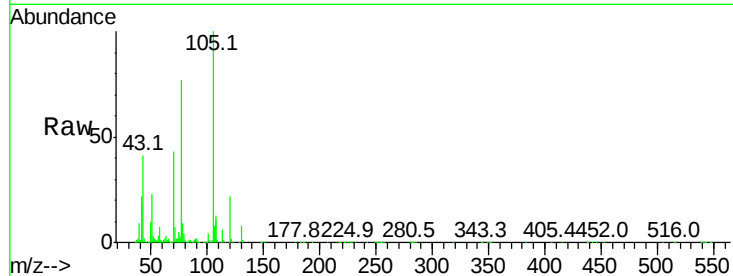
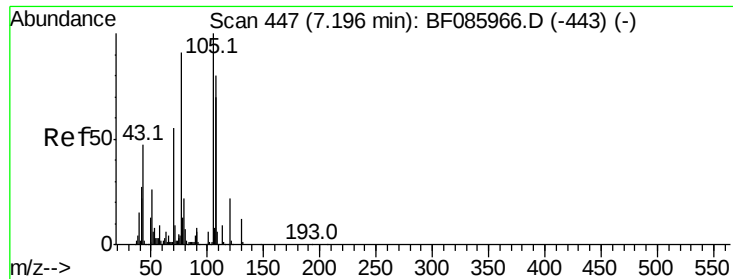
Delta R.T. -0.03 min

Lab File: BF086098.D

Acq: 6 Apr 2016 15:02

Tgt Ion:	117	Resp:	113210
Ion Ratio	Lower	Upper	
117	100		
119	98.6	76.7	115.1
201	98.0	83.3	124.9





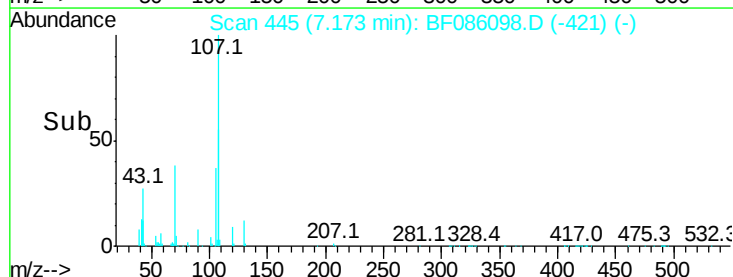
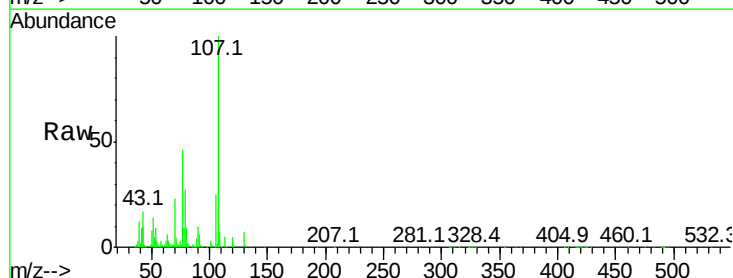
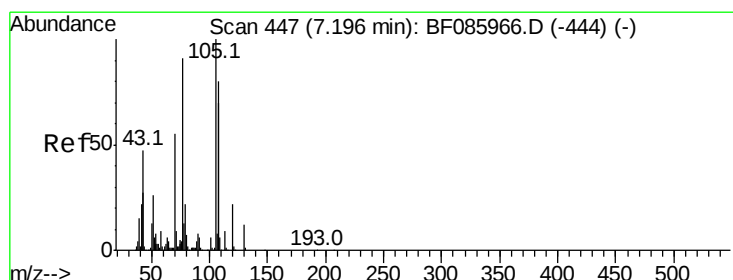
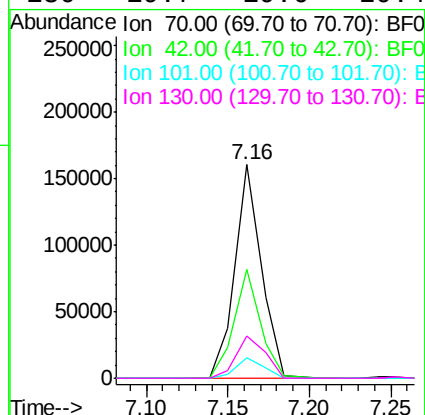
#19
n-Nitroso-di-n-propylamine
Concen: 36.99 ng
RT: 7.16 min Scan# 444
Delta R.T. -0.03 min
Lab File: BF086098.D
Acq: 6 Apr 2016 15:02

Instrument :
BNA_F
ClientSampleId :
PB89565BS

Manual Integrations
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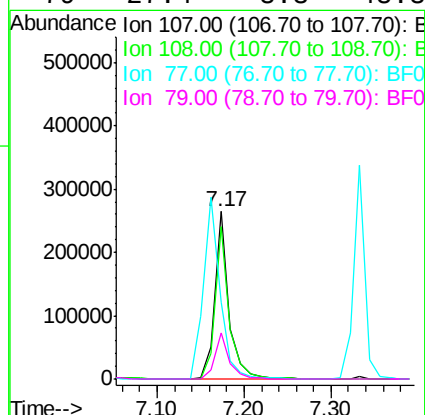
Sohil
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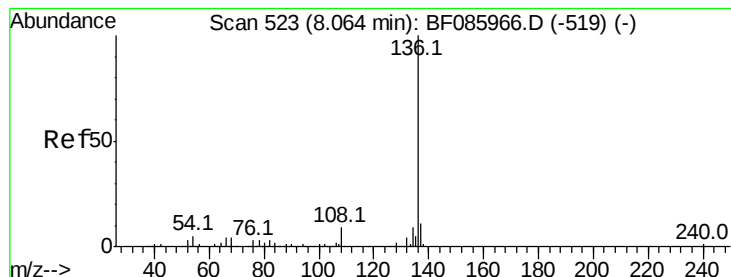
Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		179553		
42	51.0	37.1	55.7		
101	9.7	8.6	12.8		
130	19.7	19.6	29.4		



#20
3+4-Methylphenols
Concen: 42.39 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.02 min
Lab File: BF086098.D
Acq: 6 Apr 2016 15:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		298926		
108	90.9	69.3	109.3		
77	45.6	101.7	141.7#		
79	27.4	8.3	48.3		





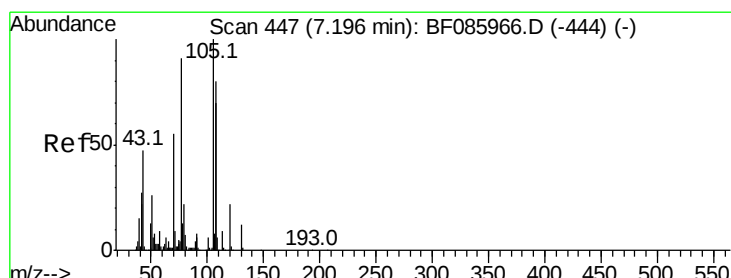
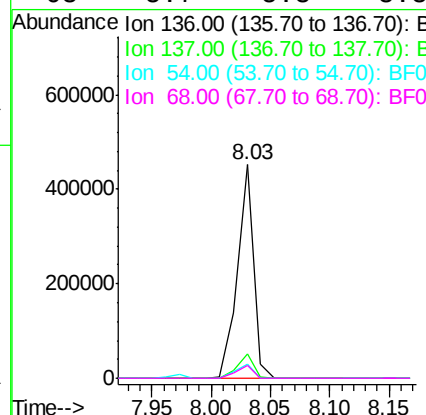
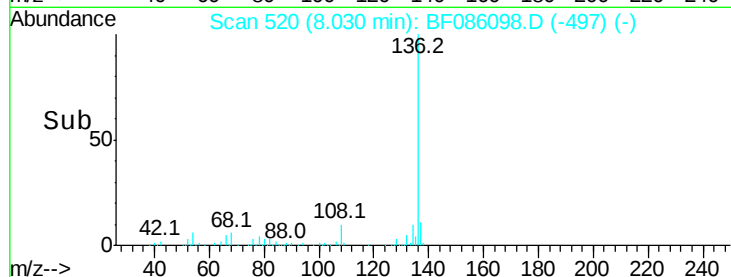
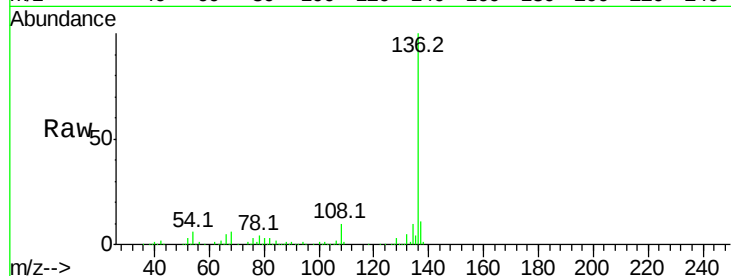
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.03 min
Lab File: BF086098.D
Acq: 6 Apr 2016 15:02

Instrument :
BNA_F
ClientSampleId :
PB89565BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		428773		
137	11.2	9.1	13.7		
54	6.3	7.4	11.0#		
68	5.7	5.8	8.8#		

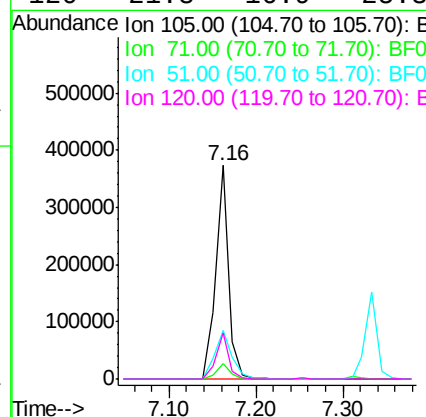
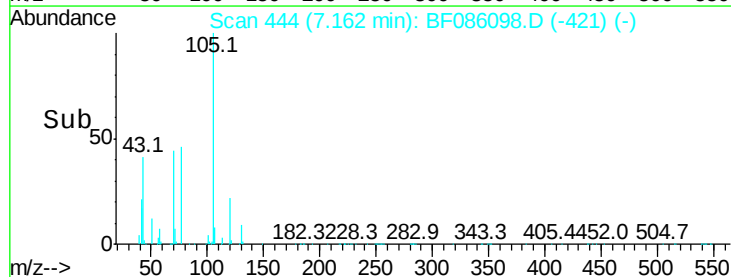
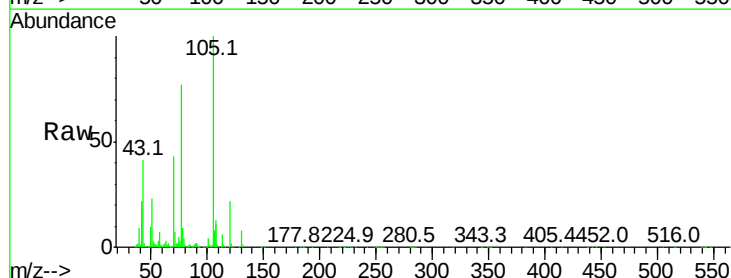
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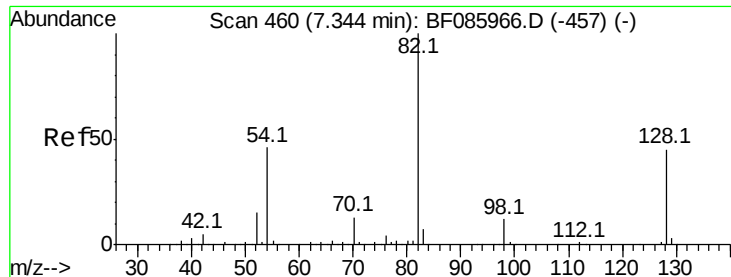
Sohil
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#22
Acetophenone
Concen: 38.70 ng
RT: 7.16 min Scan# 444
Delta R.T. -0.03 min
Lab File: BF086098.D
Acq: 6 Apr 2016 15:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		390038		
71	7.1	3.6	5.4#		
51	23.0	25.4	38.0#		
120	21.8	16.9	25.3		





#23

Nitrobenzene-d5

Concen: 80.65 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.03 min

Lab File: BF086098.D

Acq: 6 Apr 2016 15:02

Instrument :

BNA_F

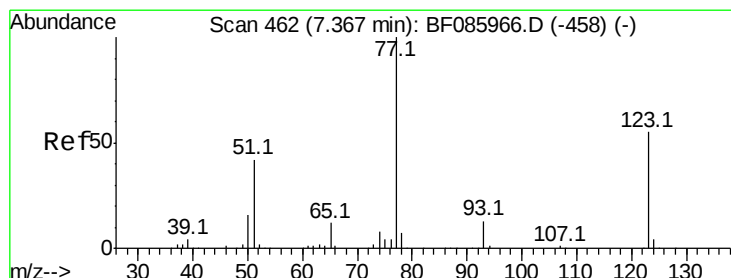
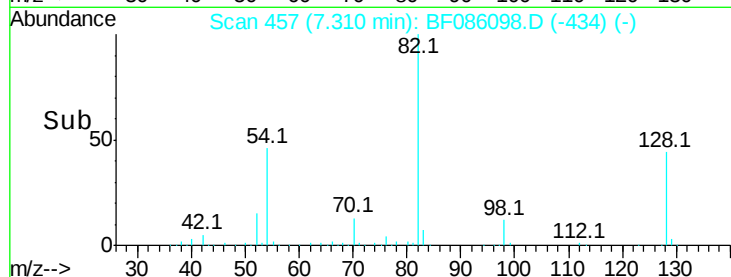
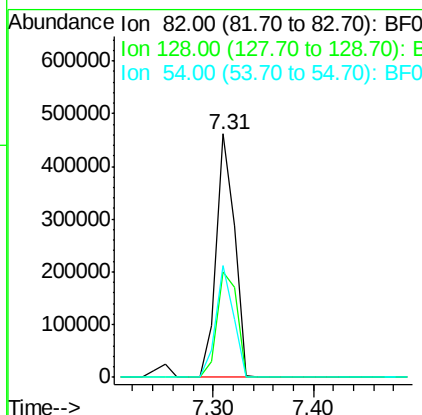
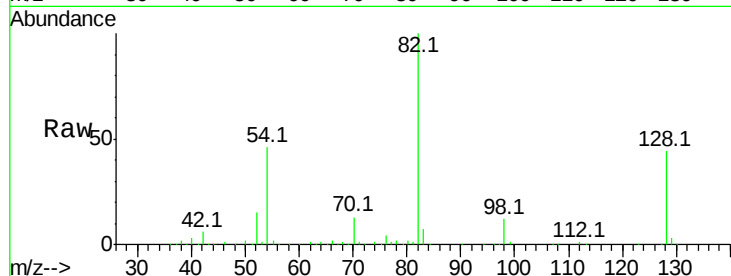
ClientSampleId :

PB89565BS

Tot Ion:	82	Resp:	586381
Ion Ratio	Lower	Upper	
82	100		
128	43.5	41.8	62.8
54	46.0	33.4	50.0

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#24

Nitrobenzene

Concen: 38.58 ng

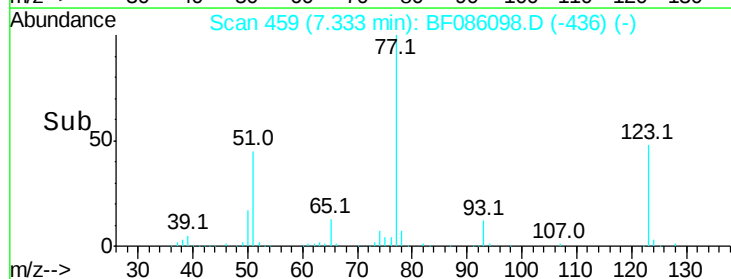
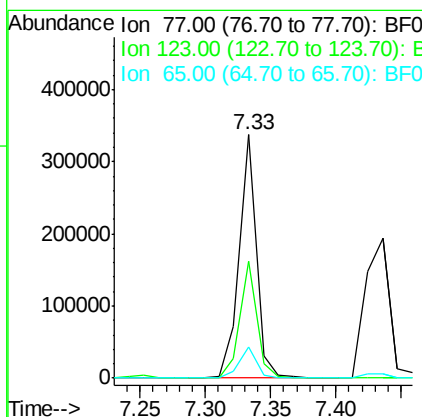
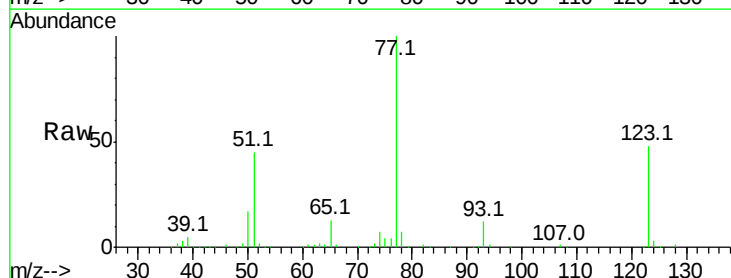
RT: 7.33 min Scan# 459

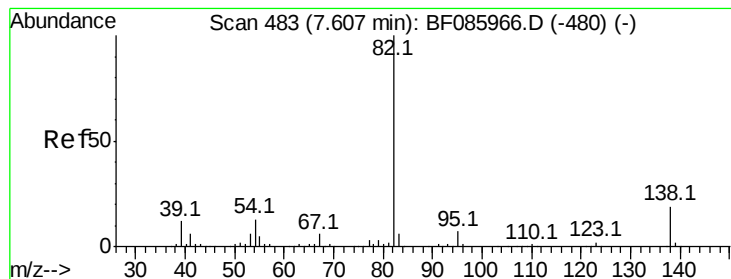
Delta R.T. -0.03 min

Lab File: BF086098.D

Acq: 6 Apr 2016 15:02

Tgt Ion:	77	Resp:	306865
Ion Ratio	Lower	Upper	
77	100		
123	48.1	35.0	52.4
65	12.6	10.6	16.0





#25

Isophorone

Concen: 38.38 ng

RT: 7.57 min Scan# 480

Delta R.T. -0.03 min

Lab File: BF086098.D

Acq: 6 Apr 2016 15:02

Instrument :

BNA_F

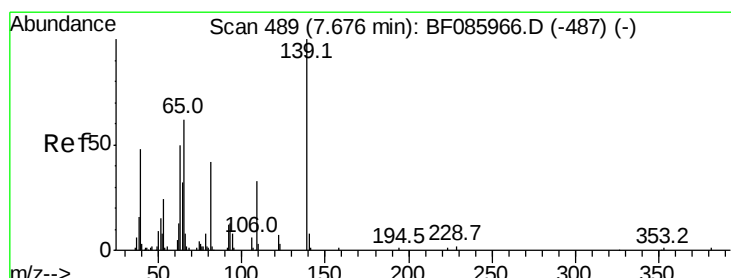
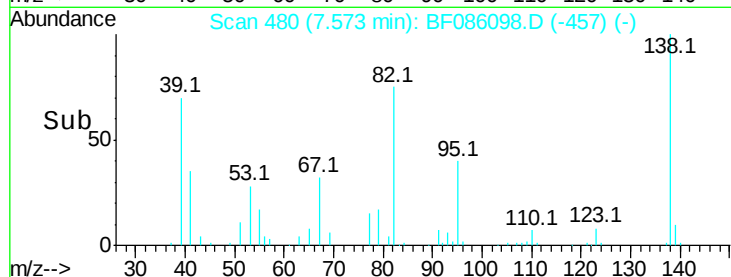
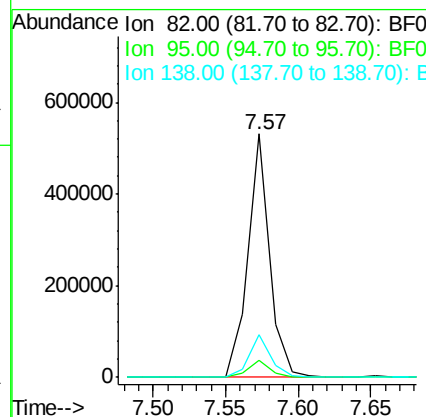
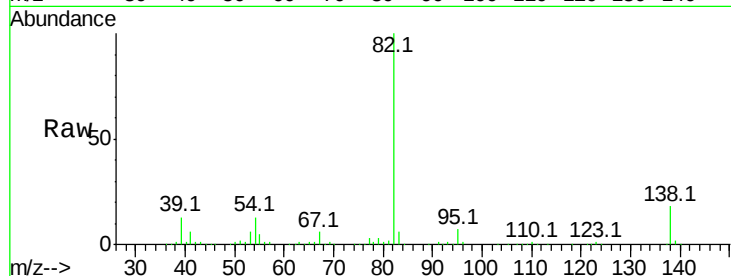
ClientSampleId :

PB89565BS

Tot Ion:	82	Resp:	550860
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.4	8.2
138	17.5	12.9	19.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 41.71 ng

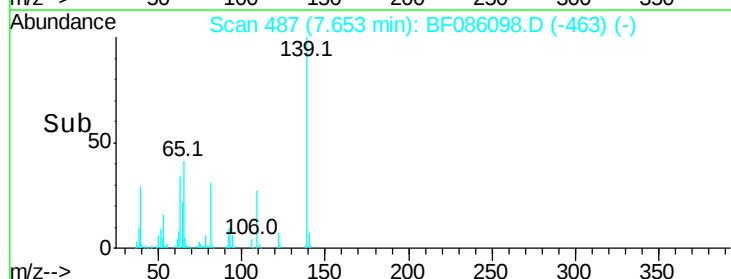
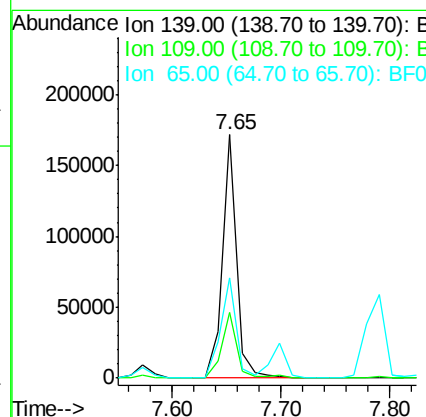
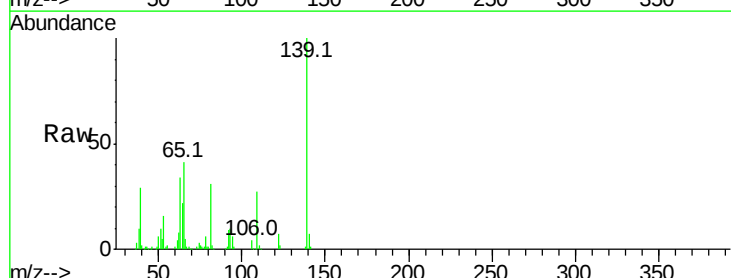
RT: 7.65 min Scan# 487

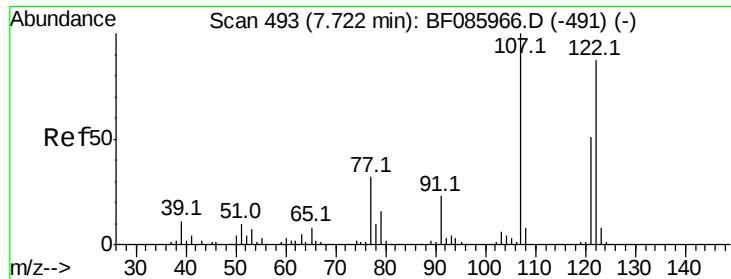
Delta R.T. -0.02 min

Lab File: BF086098.D

Acq: 6 Apr 2016 15:02

Tgt Ion:	139	Resp:	158742
Ion Ratio	Lower	Upper	
139	100		
109	27.2	22.1	33.1
65	41.3	33.9	50.9





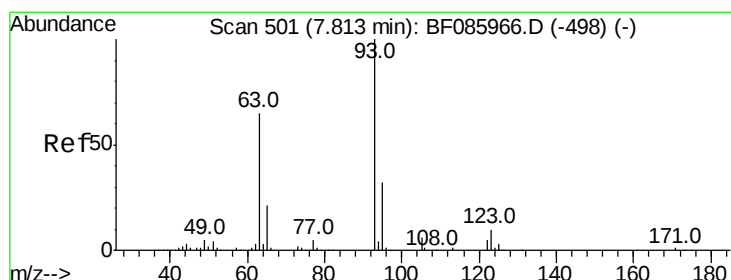
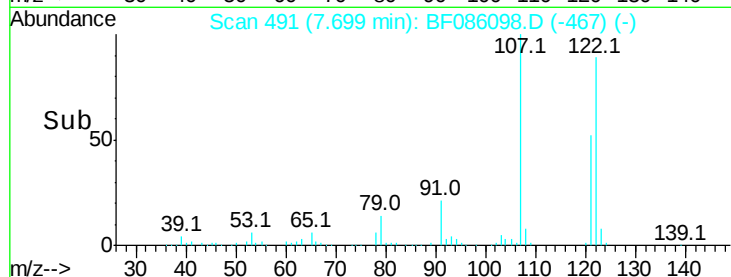
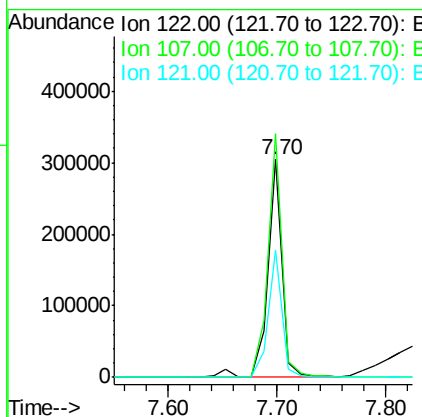
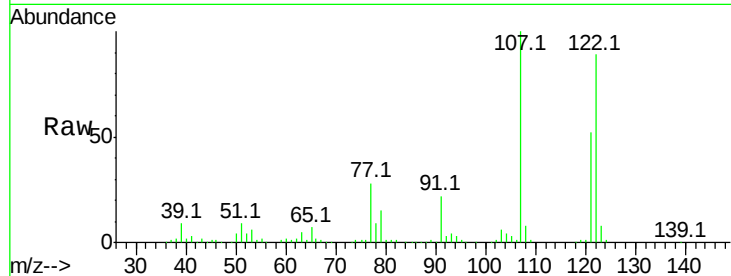
#27
2,4-Dimethylphenol
Concen: 41.55 ng
RT: 7.70 min Scan# 491
Delta R.T. -0.02 min
Lab File: BF086098.D
Acq: 6 Apr 2016 15:02

Instrument :
BNA_F
ClientSampleId :
PB89565BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	284006		
107	111.8	93.0	139.6	
121	58.7	45.9	68.9	

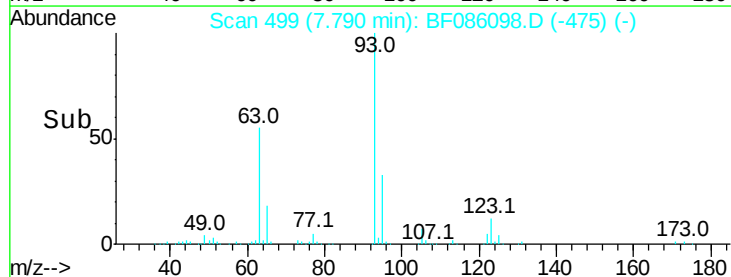
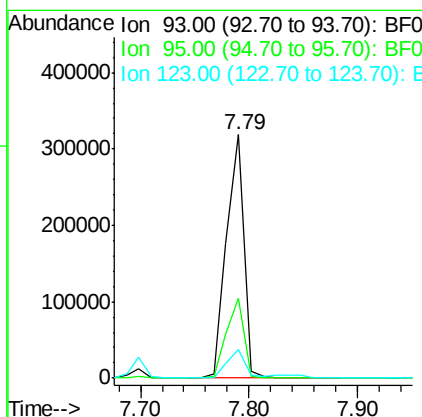
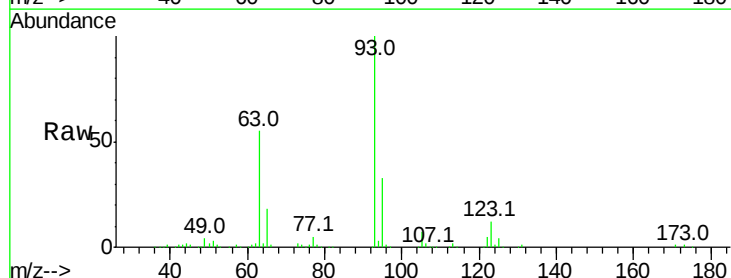
Manual Integrations
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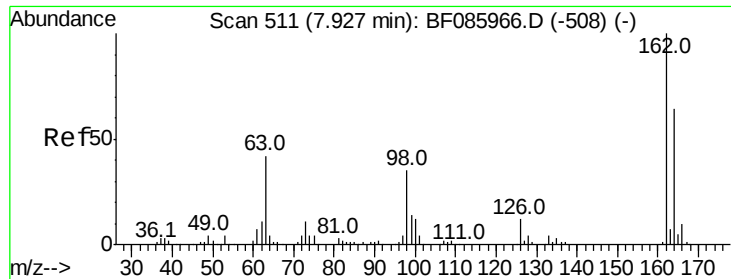
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 41.88 ng
RT: 7.79 min Scan# 499
Delta R.T. -0.02 min
Lab File: BF086098.D
Acq: 6 Apr 2016 15:02

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	352683		
95	32.8	26.4	39.6	
123	11.9	9.8	14.6	





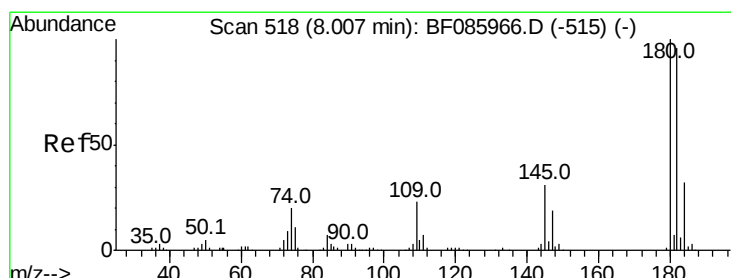
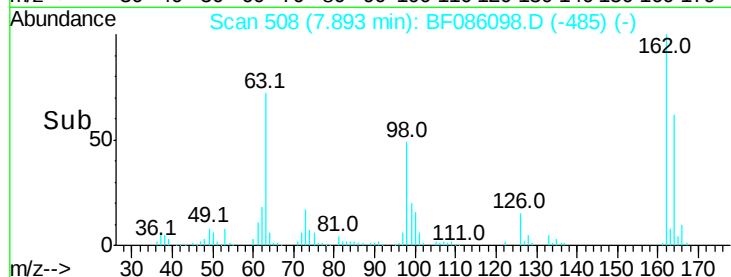
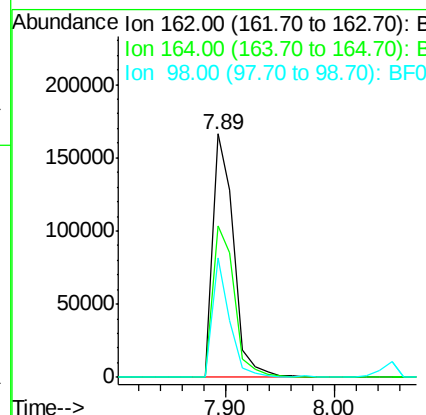
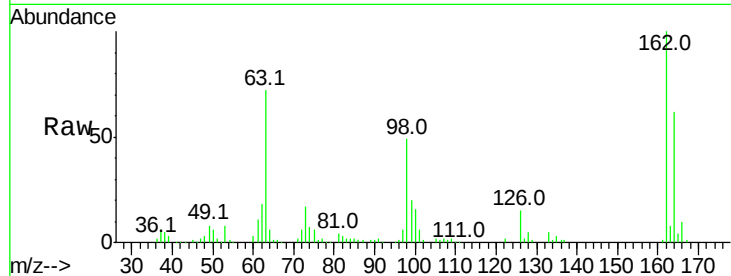
#29
 2,4-Dichlorophenol
 Concen: 38.79 ng
 RT: 7.89 min Scan# 508
 Delta R.T. -0.03 min
 Lab File: BF086098.D
 Acq: 6 Apr 2016 15:02

Instrument :
 BNA_F
 ClientSampleId :
 PB89565BS

Tot Ion:	162	Resp:	224148
Ion Ratio	Lower	Upper	
162	100		
164	62.0	43.7	83.7
98	48.9	20.4	60.4

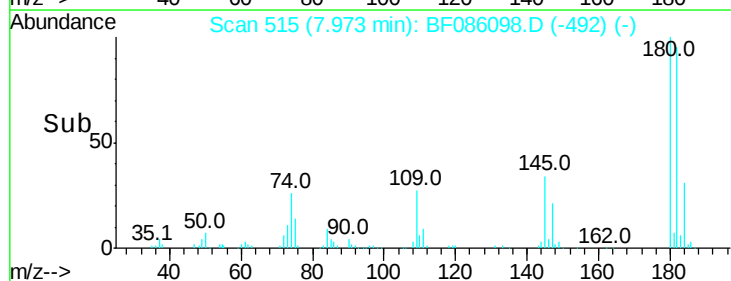
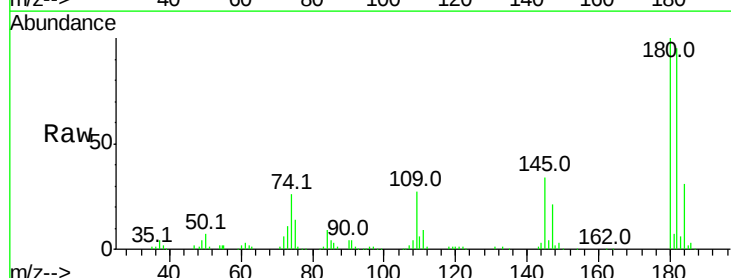
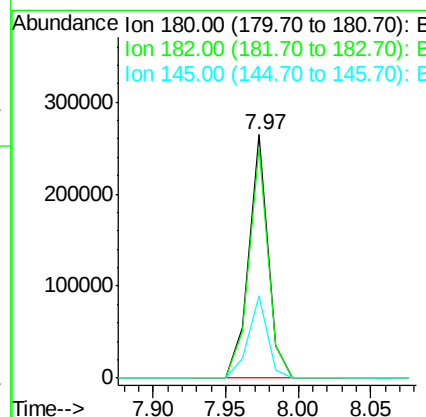
Manual Integrations
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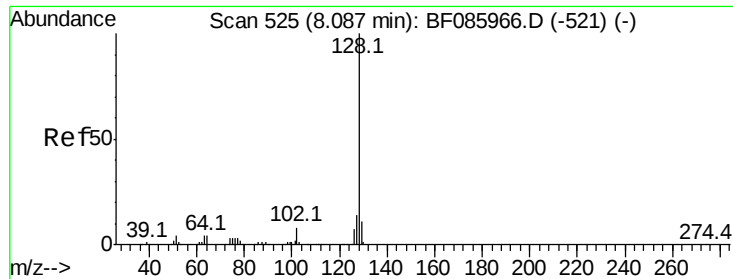
Sohil
 4/7/2016 11:40:44 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 37.66 ng
 RT: 7.97 min Scan# 515
 Delta R.T. -0.03 min
 Lab File: BF086098.D
 Acq: 6 Apr 2016 15:02

Tgt Ion:	180	Resp:	244308
Ion Ratio	Lower	Upper	
180	100		
182	94.8	73.8	110.8
145	33.7	28.4	42.6





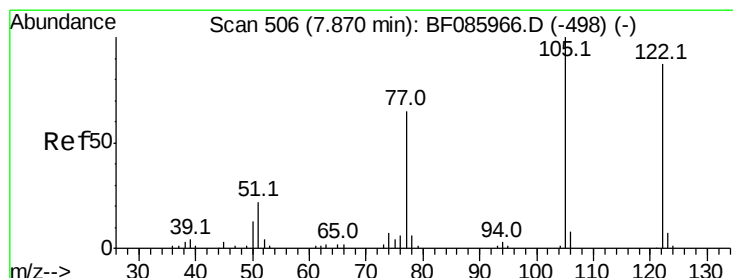
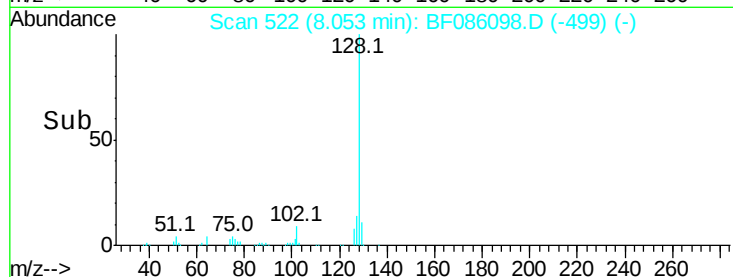
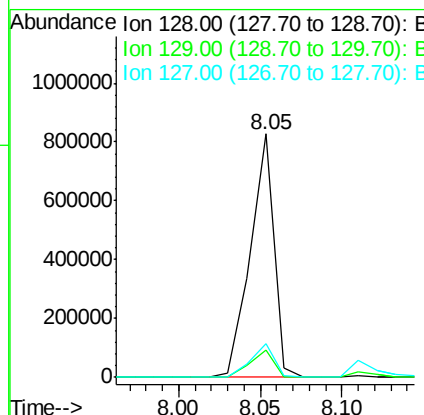
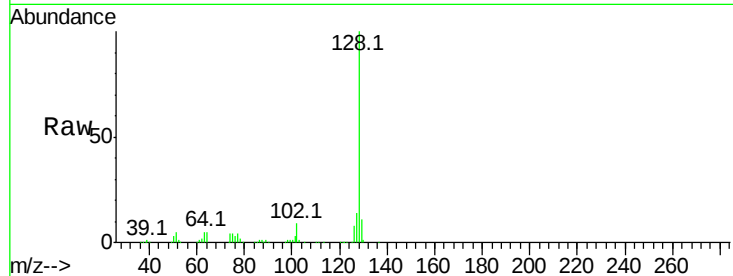
#31
Naphthalene
Concen: 38.58 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.03 min
Lab File: BF086098.D
Acq: 6 Apr 2016 15:02

Instrument :
BNA_F
ClientSampleId :
PB89565BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.4	14.0
127	13.6	11.0	16.6

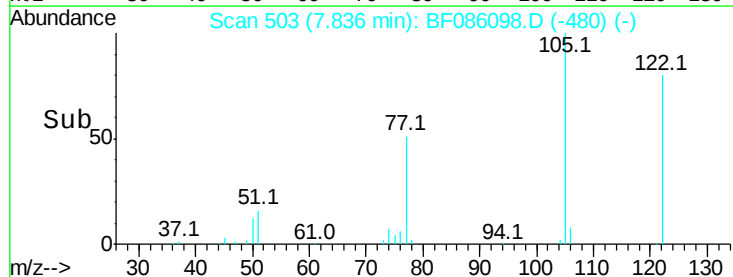
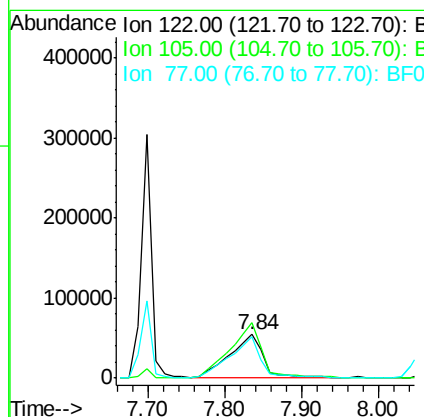
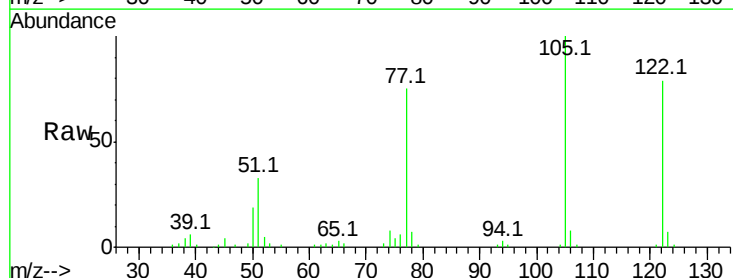
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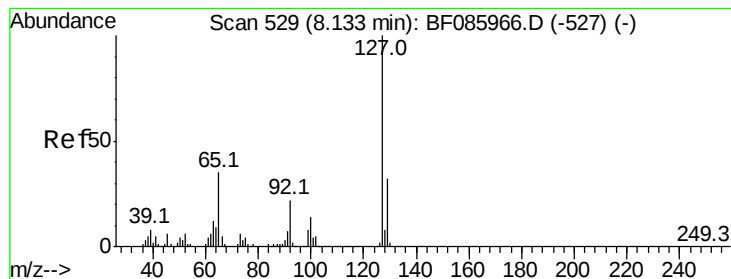
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#32
Benzoic acid
Concen: 32.21 ng
RT: 7.84 min Scan# 503
Delta R.T. -0.03 min
Lab File: BF086098.D
Acq: 6 Apr 2016 15:02

Tgt Ion	Ratio	Lower	Upper
122	100		
105	126.4	102.9	142.9
77	94.2	71.8	111.8





#33

4-Chloroaniline

Concen: 8.23 ng

RT: 8.11 min Scan# 527

Delta R.T. -0.02 min

Lab File: BF086098.D

Acq: 6 Apr 2016 15:02

Instrument :

BNA_F

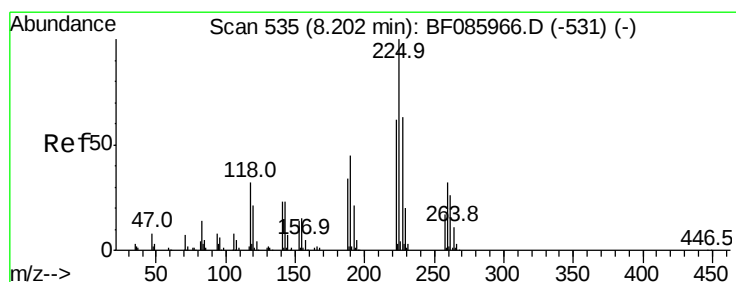
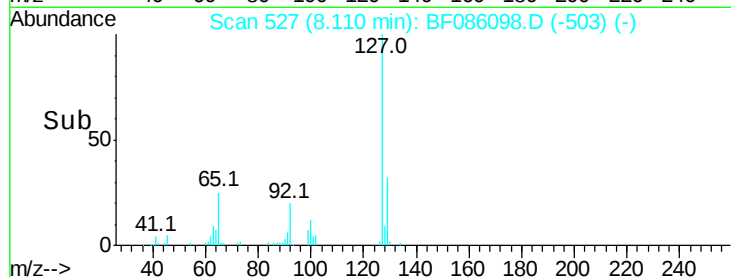
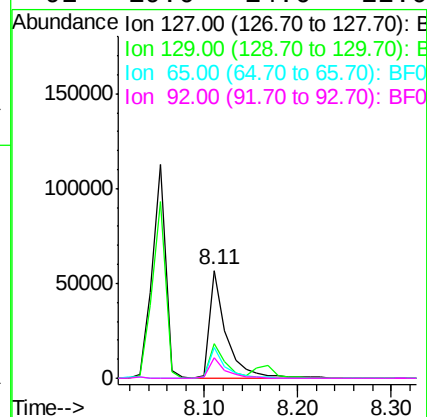
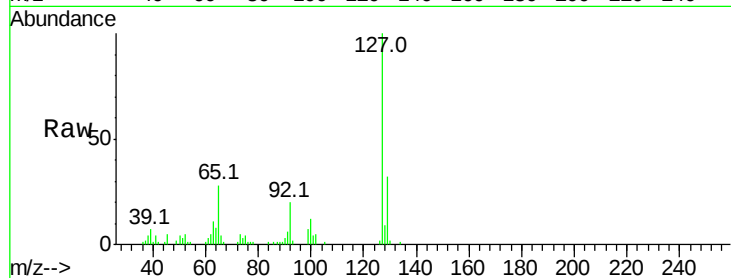
ClientSampleId :

PB89565BS

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Tot Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.1	39.1
65	28.3	19.5	29.3
92	19.6	14.6	22.0



#34

Hexachlorobutadiene

Concen: 36.57 ng

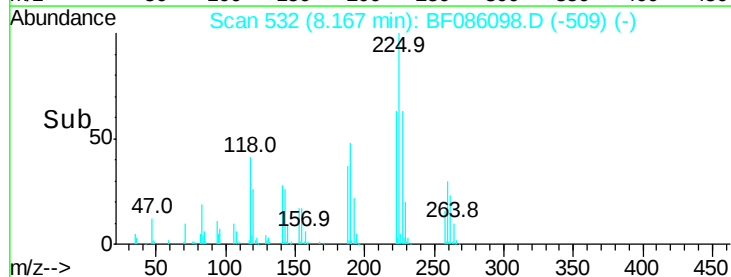
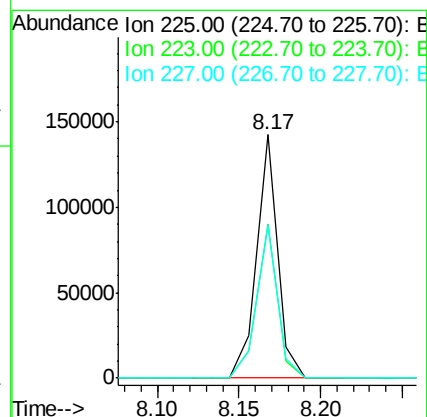
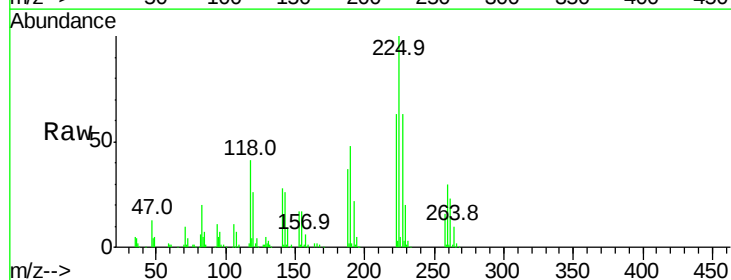
RT: 8.17 min Scan# 532

Delta R.T. -0.03 min

Lab File: BF086098.D

Acq: 6 Apr 2016 15:02

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.4	75.6
227	62.8	51.4	77.2





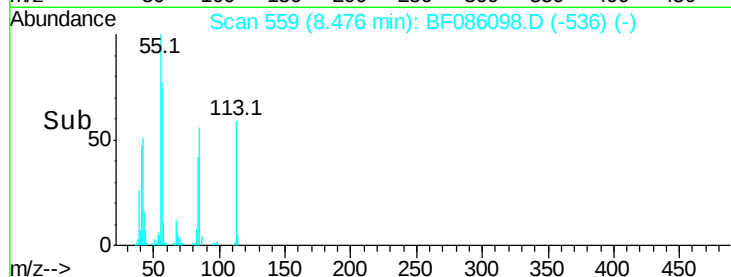
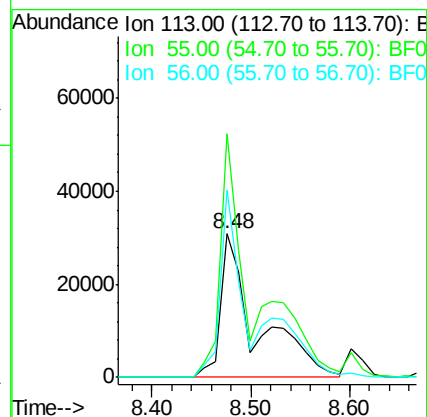
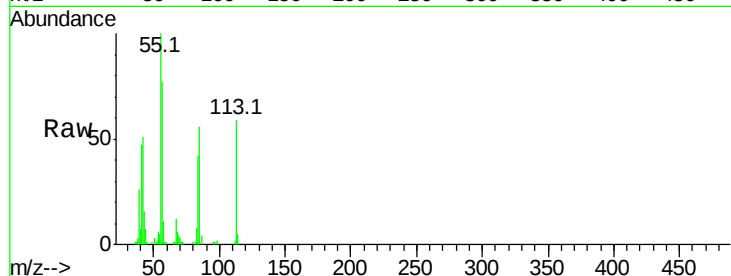
#35
Caprolactam
Concen: 42.25 ng/ml
RT: 8.48 min Scan# 559
Delta R.T. -0.03 min
Lab File: BF086098.D
Acq: 6 Apr 2016 15:02

Instrument :
BNA_F
ClientSampleId :
PB89565BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100		77454		
55	169.7	139.4	179.4		
56	130.9	100.4	140.4		

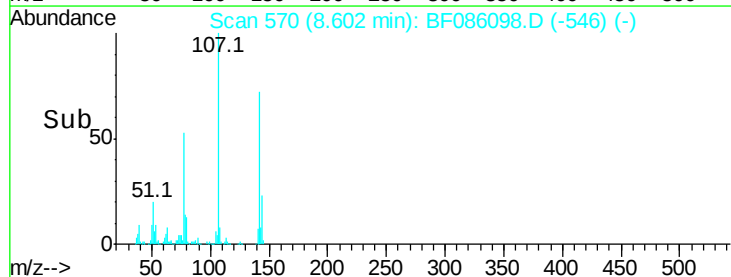
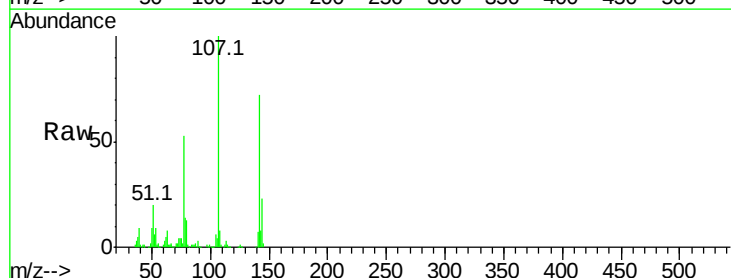
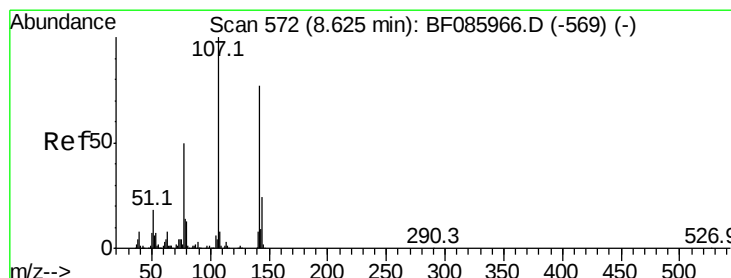
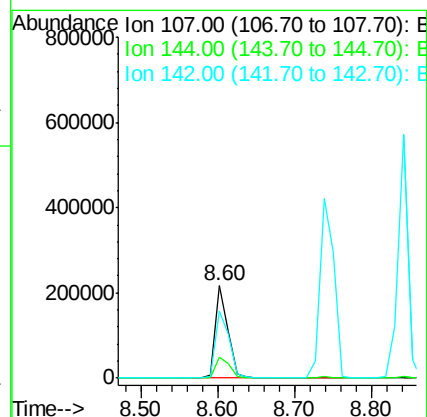
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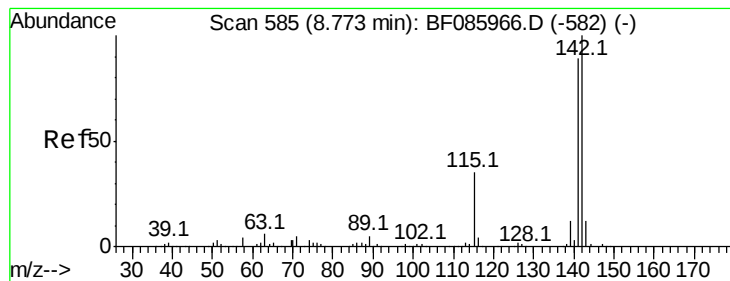
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#36
4-Chloro-3-methylphenol
Concen: 37.62 ng/ml
RT: 8.60 min Scan# 570
Delta R.T. -0.02 min
Lab File: BF086098.D
Acq: 6 Apr 2016 15:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		244407		
144	22.8	19.3	28.9		
142	72.3	61.4	92.0		





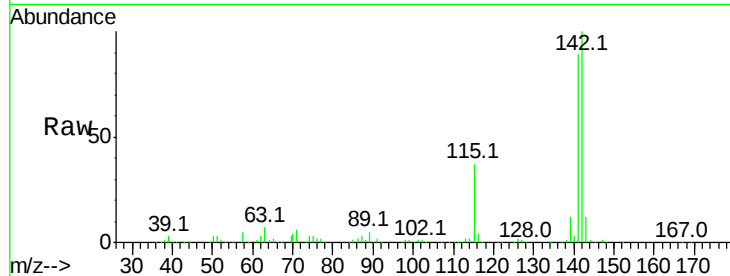
#37
2-Methylnaphthalene
Concen: 37.11 ng
RT: 8.74 min Scan# 582
Delta R.T. -0.03 min
Lab File: BF086098.D
Acq: 6 Apr 2016 15:02

Instrument :
BNA_F
ClientSampleId :
PB89565BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	522810		
141	89.0		71.6	107.4
115	37.2		26.8	40.2

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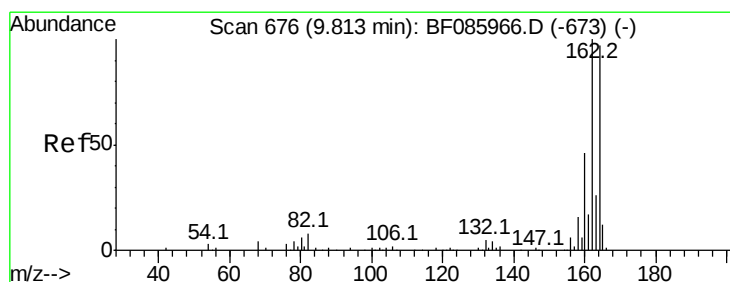
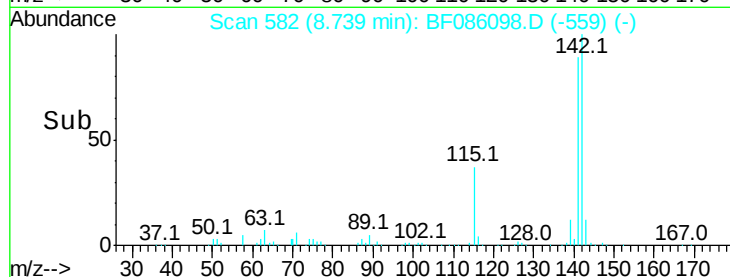
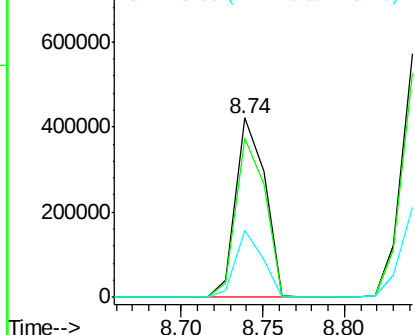


Abundance

Ion 142.00 (141.70 to 142.70): E

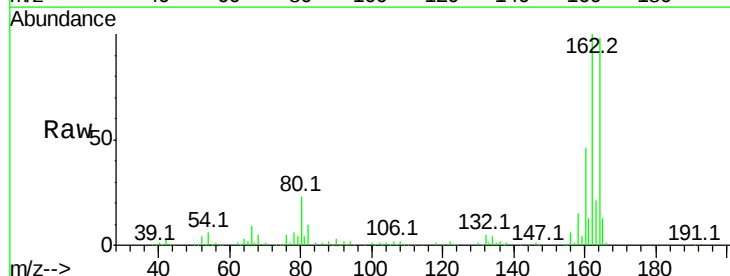
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.03 min
Lab File: BF086098.D
Acq: 6 Apr 2016 15:02

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	194342		
162	102.1		82.1	123.1
160	46.5		37.4	56.2

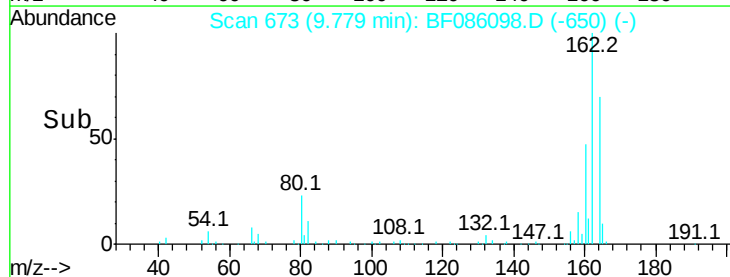
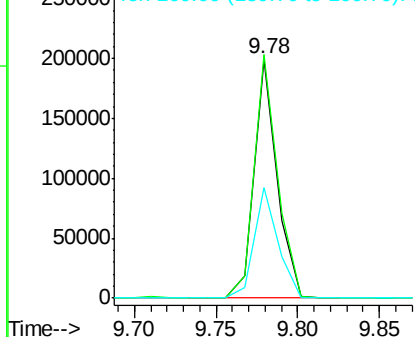


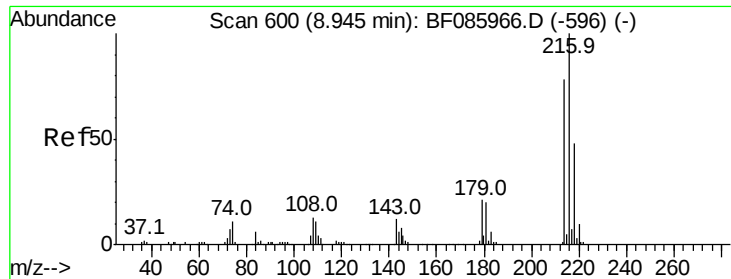
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.34 ng

RT: 8.91 min Scan# 597

Delta R.T. -0.03 min

Lab File: BF086098.D

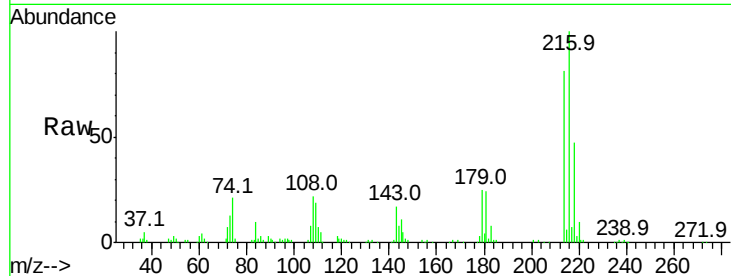
Acq: 6 Apr 2016 15:02

Instrument :

BNA_F

ClientSampleId :

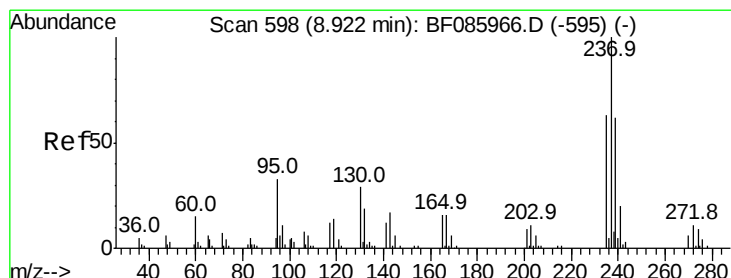
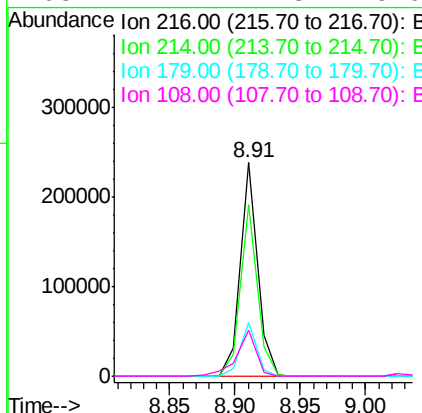
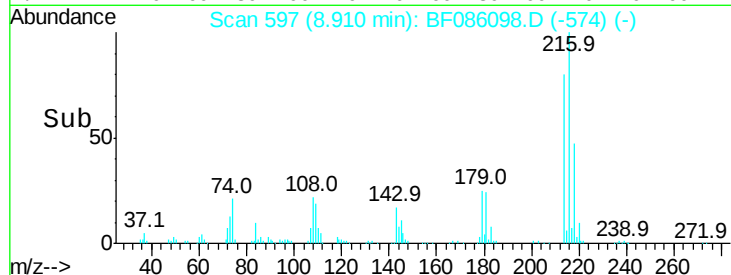
PB89565BS



Tot Ion	Ratio	Resp	Lower	Upper
216	100	218112		
214	79.5	63.1	94.7	
179	24.2	18.2	27.2	
108	24.1	17.3	25.9	

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#40

Hexachlorocyclopentadiene

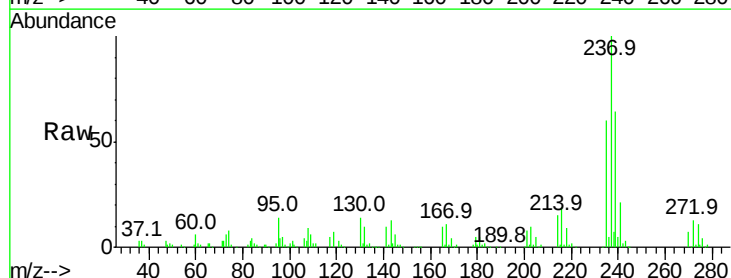
Concen: 79.03 ng

RT: 8.90 min Scan# 596

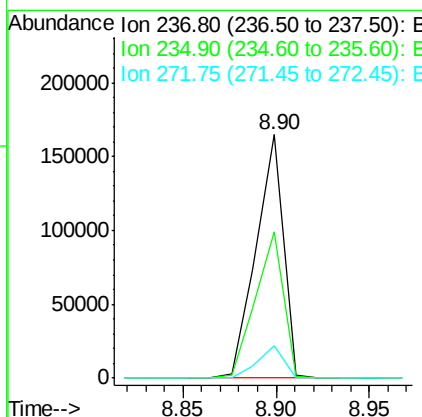
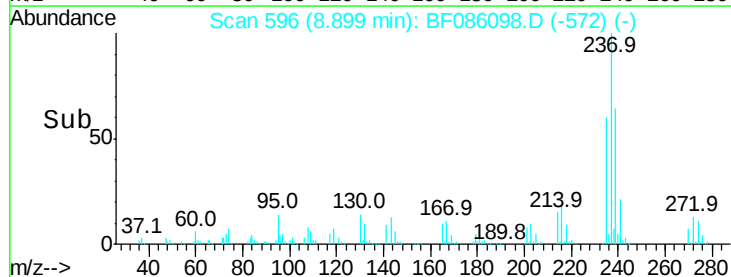
Delta R.T. -0.02 min

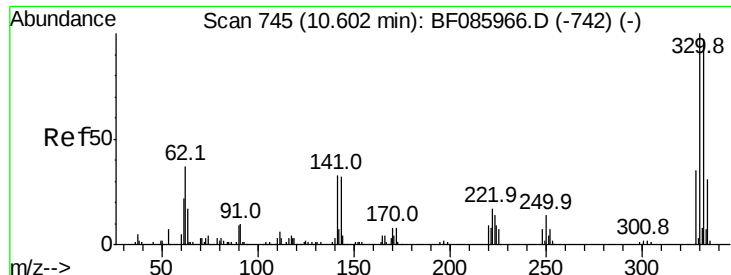
Lab File: BF086098.D

Acq: 6 Apr 2016 15:02



Tgt Ion	Ratio	Resp	Lower	Upper
237	100	166309		
235	60.3	43.7	83.7	
272	13.5	0.0	31.9	





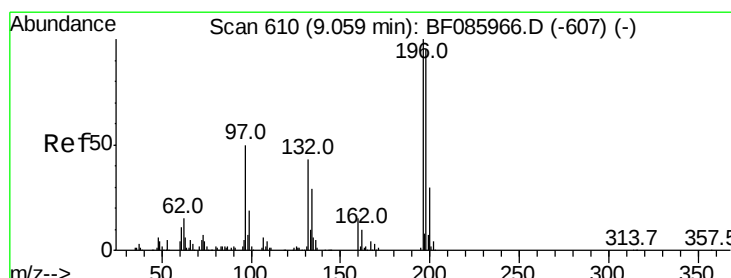
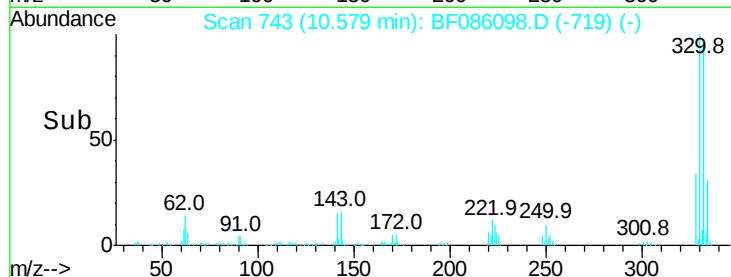
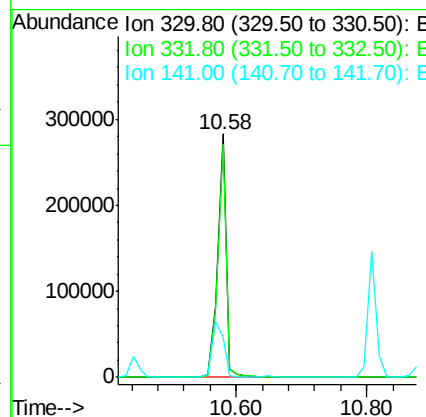
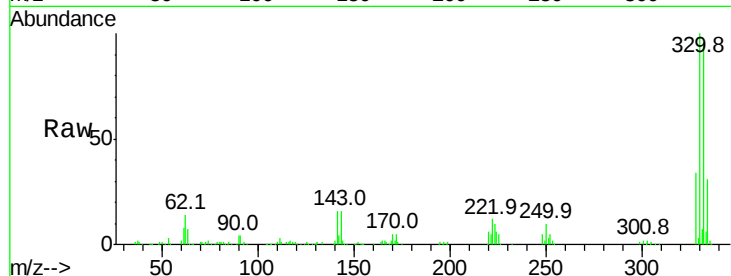
#41
 2,4,6-Tribromophenol
 Concen: 146.57 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.02 min
 Lab File: BF086098.D
 Acq: 6 Apr 2016 15:02

Instrument :
 BNA_F
 ClientSampleId :
 PB89565BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	267357		
332	95.4	78.2	117.2	
141	30.9	31.5	47.3	

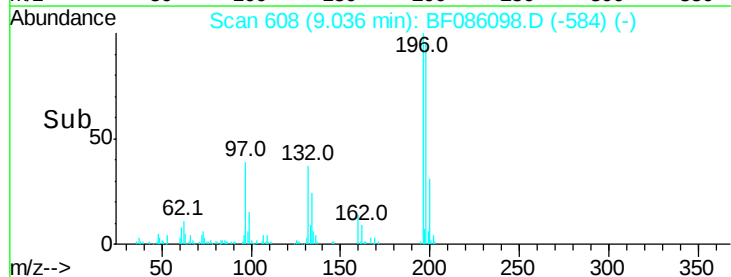
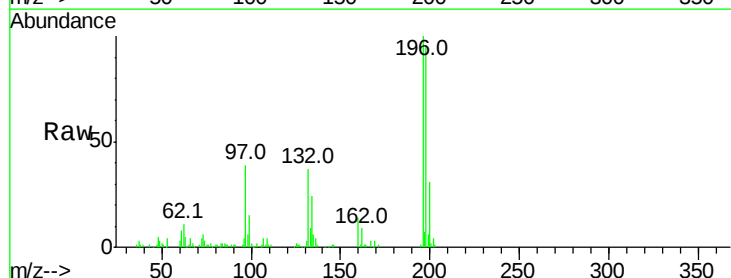
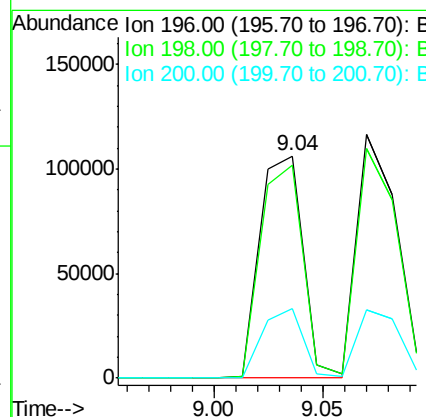
Manual Integrations
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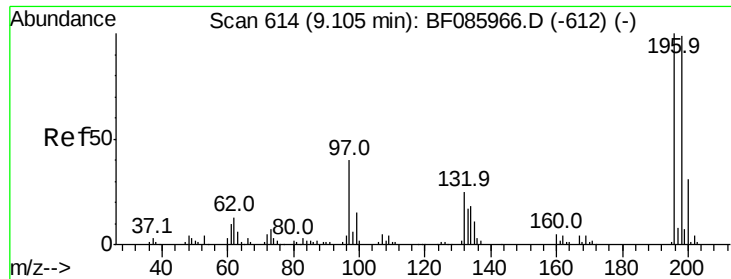
Sohil
 4/7/2016 11:40:44 AM



#42
 2,4,6-Trichlorophenol
 Concen: 39.34 ng
 RT: 9.04 min Scan# 608
 Delta R.T. -0.02 min
 Lab File: BF086098.D
 Acq: 6 Apr 2016 15:02

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	147548		
198	96.0	75.3	112.9	
200	31.4	23.7	35.5	





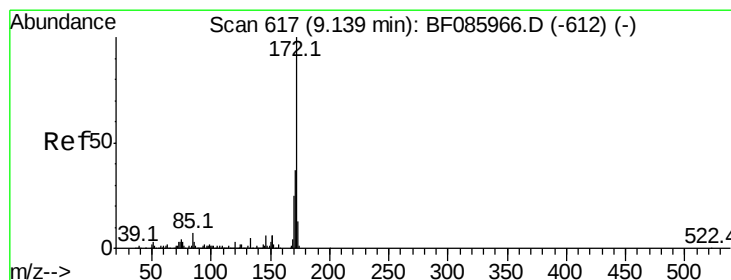
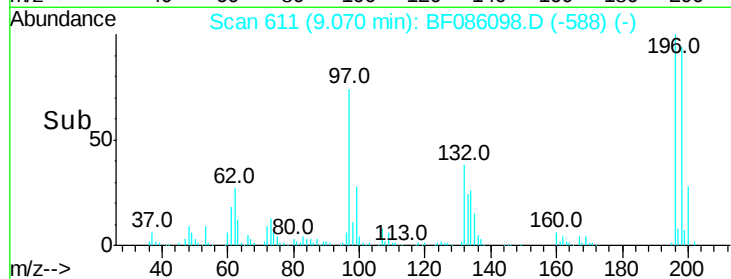
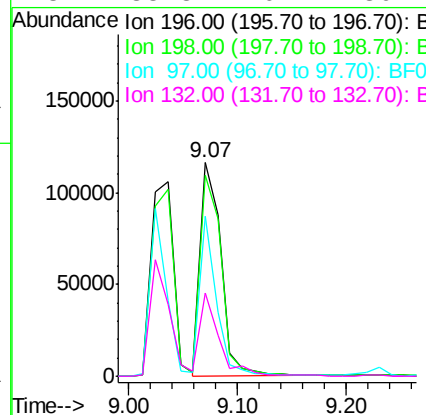
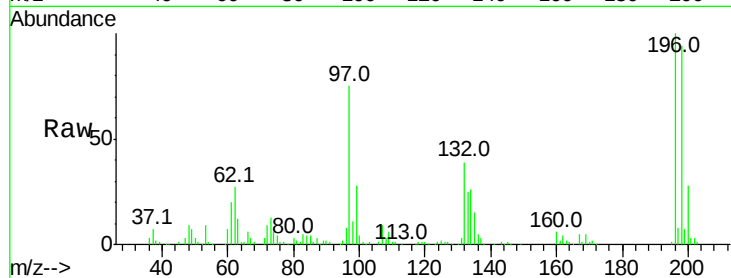
#43
 2,4,5-Trichlorophenol
 Concen: 40.65 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.03 min
 Lab File: BF086098.D
 Acq: 6 Apr 2016 15:02

Instrument :
 BNA_F
 ClientSampleId :
 PB89565BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	154807		
198	94.1	76.6	114.8	
97	75.1	30.5	45.7#	
132	38.8	20.2	30.2#	

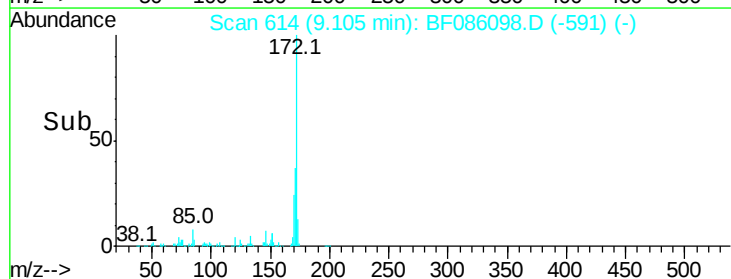
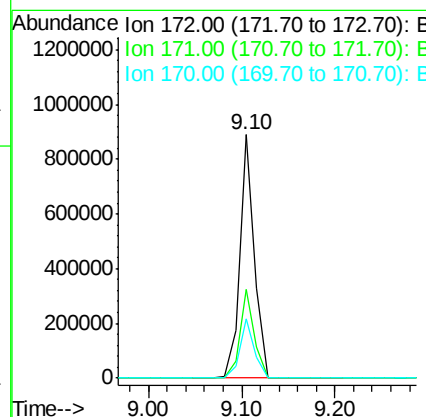
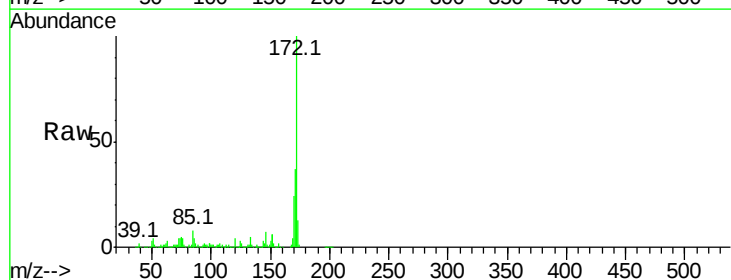
Manual Integrations
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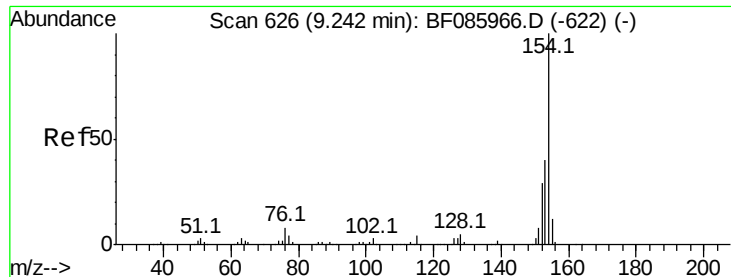
Sohil
 4/7/2016 11:40:44 AM



#44
 2-Fluorobiphenyl
 Concen: 82.55 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.03 min
 Lab File: BF086098.D
 Acq: 6 Apr 2016 15:02

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	964861		
171	36.6	29.4	44.2	
170	24.5	19.8	29.6	





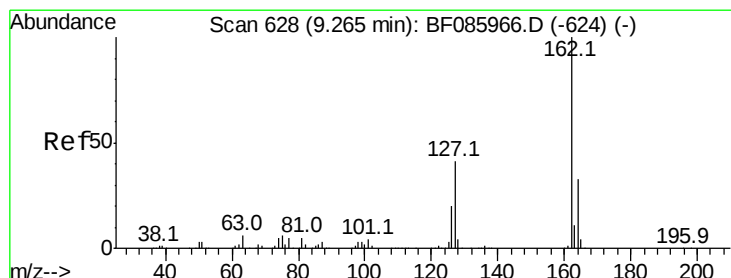
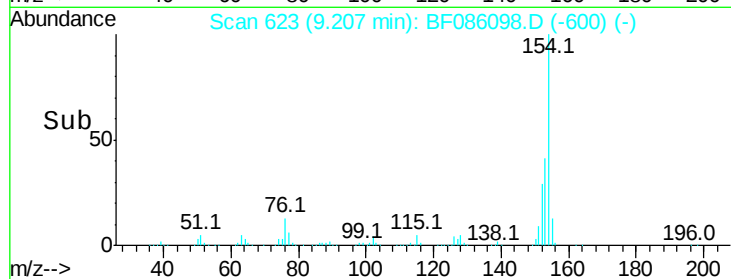
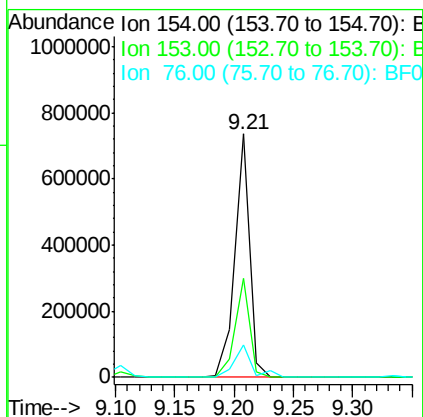
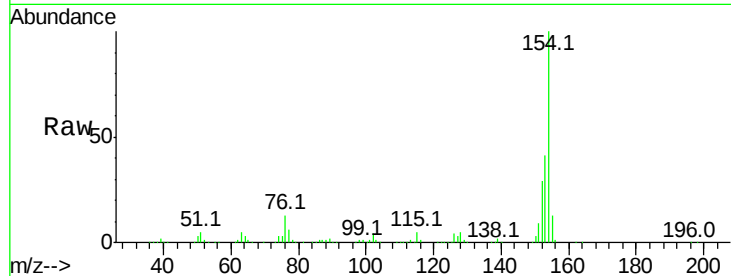
#45
 1,1'-Biphenyl
 Concen: 38.30 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.03 min
 Lab File: BF086098.D
 Acq: 6 Apr 2016 15:02

Instrument :
 BNA_F
 ClientSampleId :
 PB89565BS

Tot Ion:	154	Resp:	641828
Ion Ratio	Lower	Upper	
154	100		
153	40.8	20.8	60.8
76	13.4	0.0	36.7

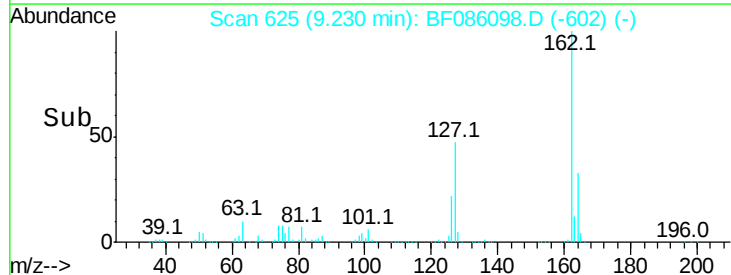
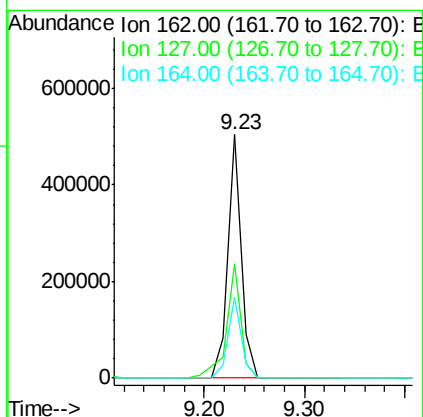
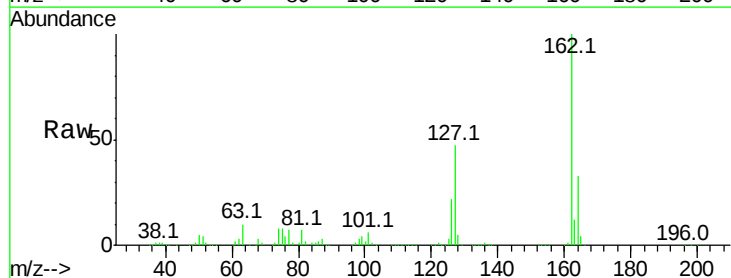
Manual Integrations
 APPROVED

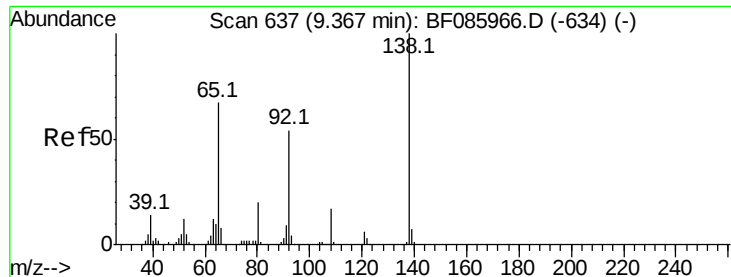
Sohil
 4/7/2016 11:40:44 AM



#46
 2-Chloronaphthalene
 Concen: 38.53 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.03 min
 Lab File: BF086098.D
 Acq: 6 Apr 2016 15:02

Tgt Ion:	162	Resp:	468002
Ion Ratio	Lower	Upper	
162	100		
127	46.9	31.7	47.5
164	33.1	27.3	40.9





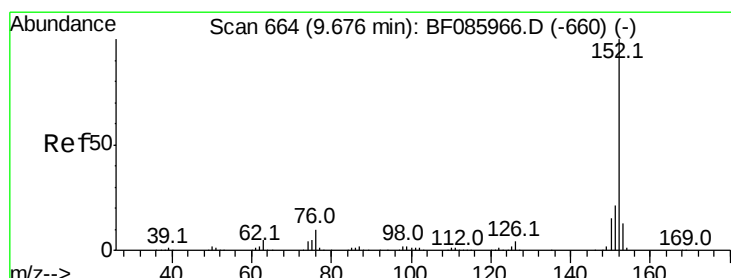
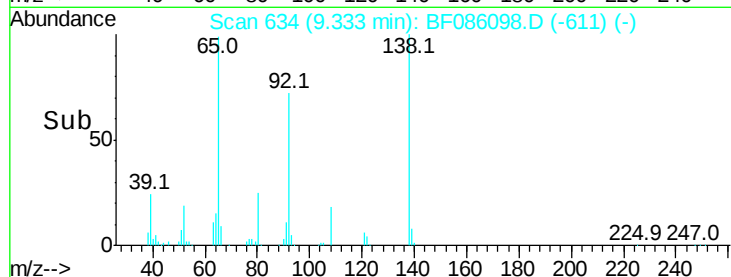
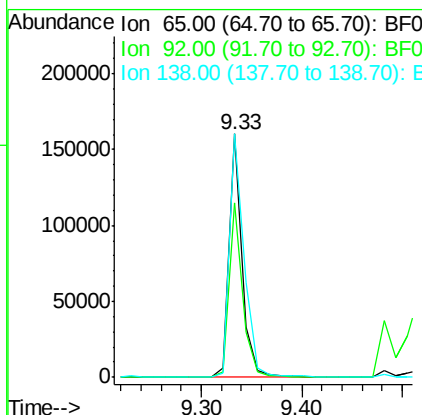
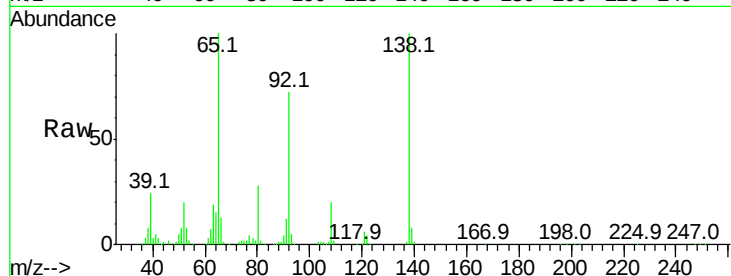
#47
2-Nitroaniline
Concen: 40.45 ng
RT: 9.33 min Scan# 634
Delta R.T. -0.03 min
Lab File: BF086098.D
Acq: 6 Apr 2016 15:02

Instrument :
BNA_F
ClientSampleId :
PB89565BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	71.6	59.7	89.5
138	99.9	91.4	137.0

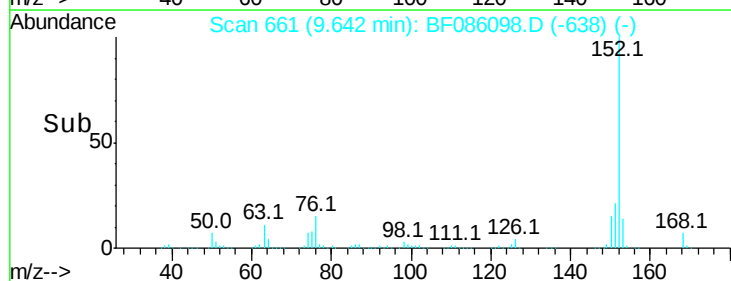
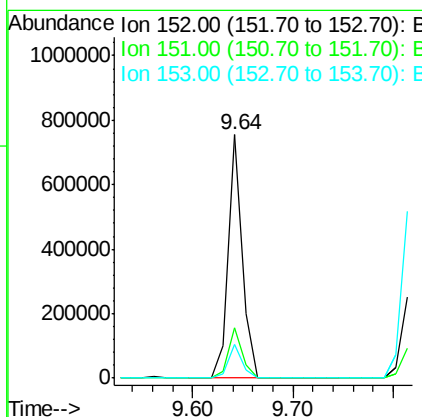
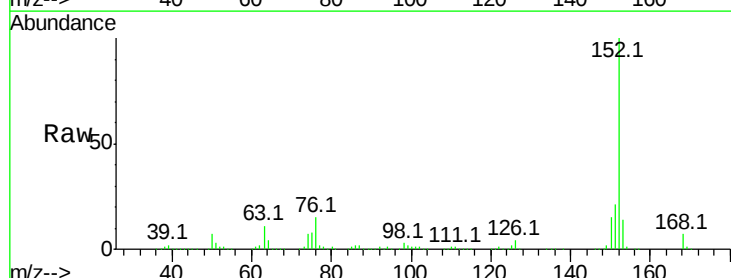
Manual Integrations
APPROVED

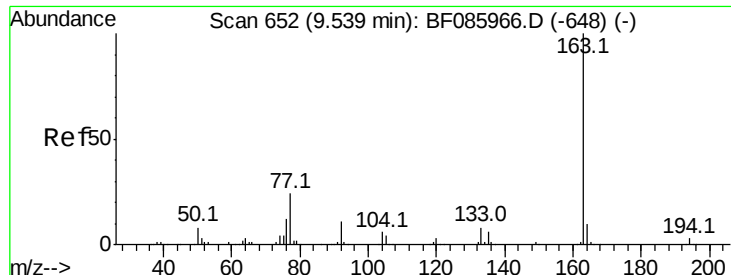
Sohil
4/7/2016 11:40:44 AM



#48
Acenaphthylene
Concen: 37.58 ng
RT: 9.64 min Scan# 661
Delta R.T. -0.03 min
Lab File: BF086098.D
Acq: 6 Apr 2016 15:02

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.8	25.2
153	13.6	10.9	16.3





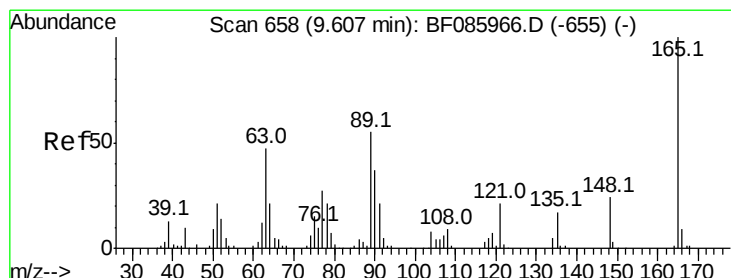
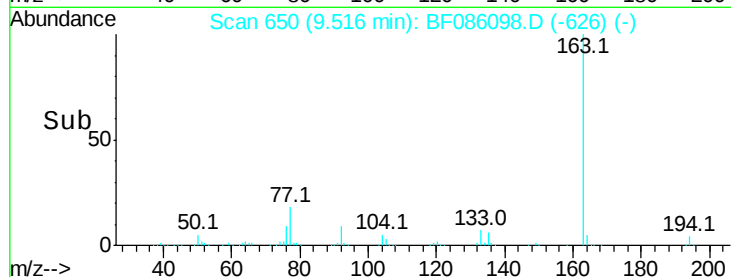
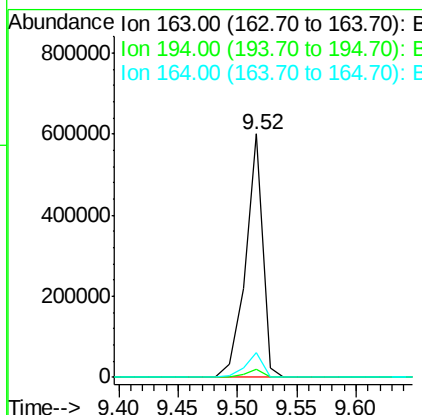
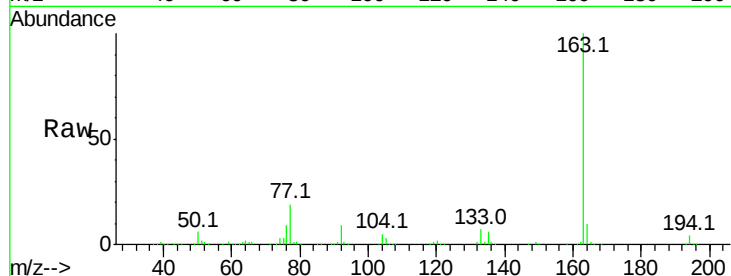
#49
Dimethylphthalate
Concen: 41.70 ng
RT: 9.52 min Scan# 650
Delta R.T. -0.02 min
Lab File: BF086098.D
Acq: 6 Apr 2016 15:02

Instrument :
BNA_F
ClientSampleId :
PB89565BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	600674		
194	3.5		2.9	4.3
164	10.0		8.3	12.5

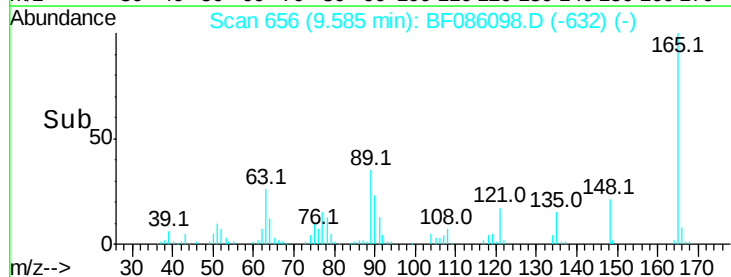
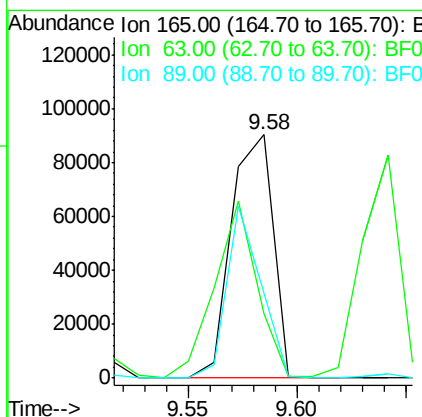
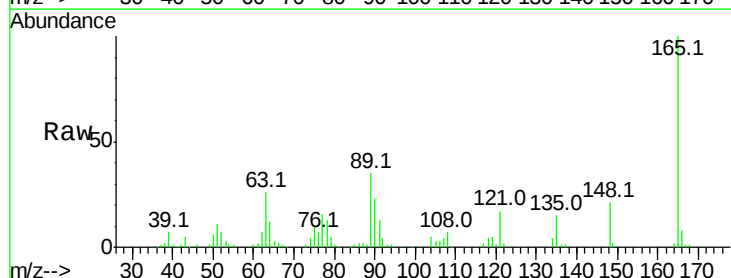
Manual Integrations
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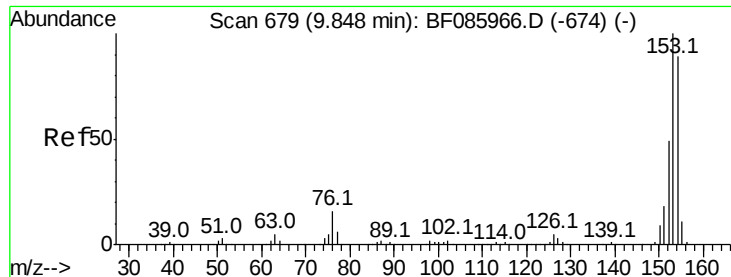
Sohil
4/7/2016 11:40:44 AM



#50
2,6-Dinitrotoluene
Concen: 39.57 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.02 min
Lab File: BF086098.D
Acq: 6 Apr 2016 15:02

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	120583		
63	26.2		51.8	77.8#
89	34.6		53.7	80.5#





#51

Acenaphthene

Concen: 37.66 ng

RT: 9.81 min Scan# 676

Delta R.T. -0.03 min

Lab File: BF086098.D

Acq: 6 Apr 2016 15:02

Instrument :

BNA_F

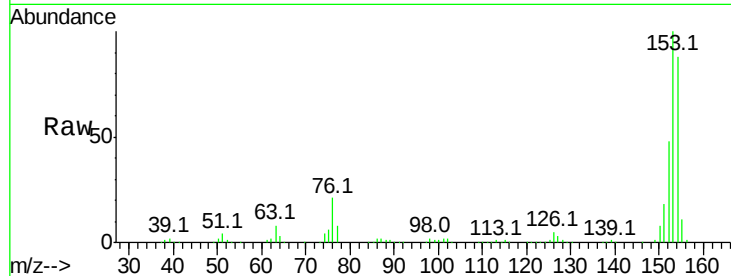
ClientSampleId :

PB89565BS

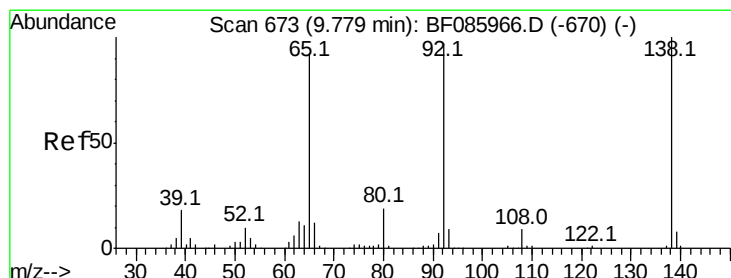
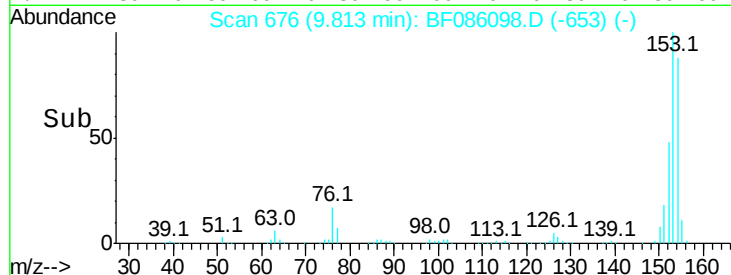
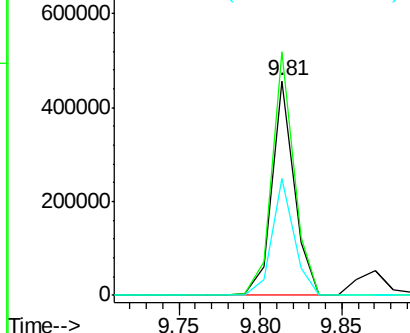
Tot Ion:	154	Resp:	435875
Ion Ratio	Lower	Upper	
154	100		
153	113.7	90.1	135.1
152	54.8	44.2	66.2

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



#52

3-Nitroaniline

Concen: 15.21 ng

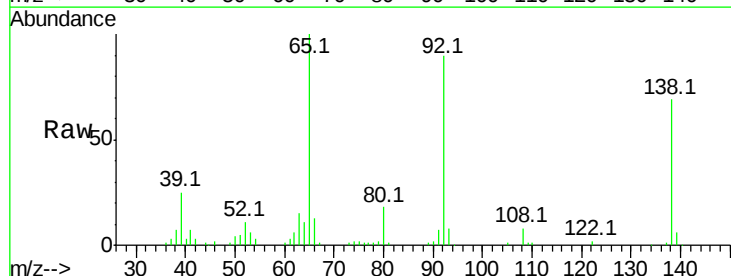
RT: 9.74 min Scan# 670

Delta R.T. -0.03 min

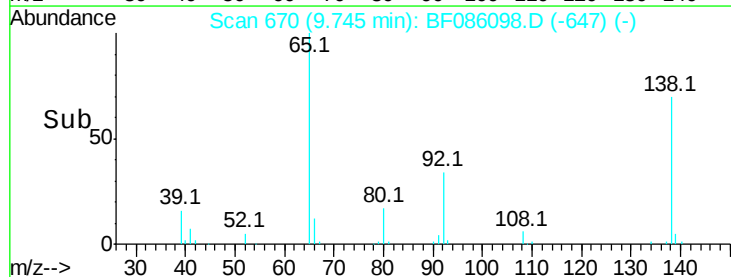
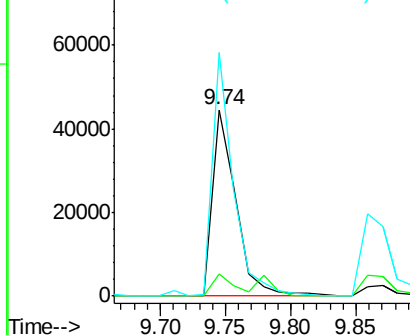
Lab File: BF086098.D

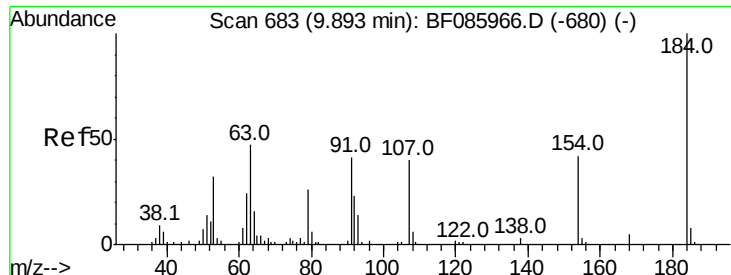
Acq: 6 Apr 2016 15:02

Tgt Ion:	138	Resp:	55882
Ion Ratio	Lower	Upper	
138	100		
108	12.0	8.7	13.1
92	130.8	93.3	139.9



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





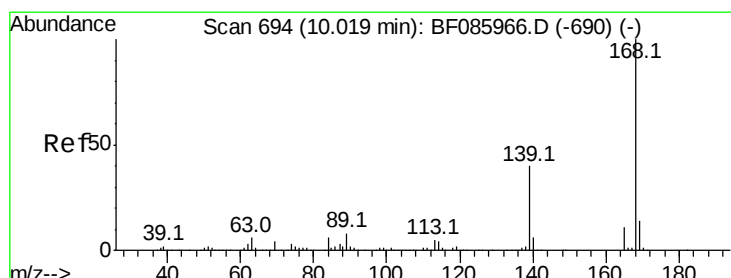
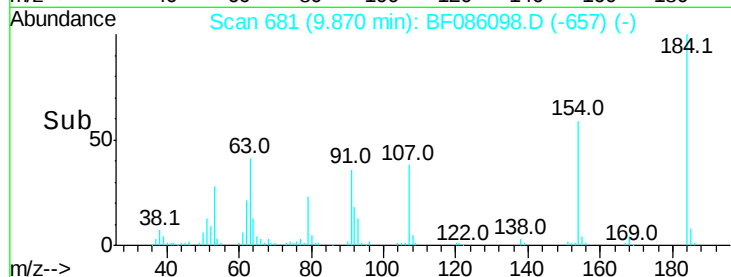
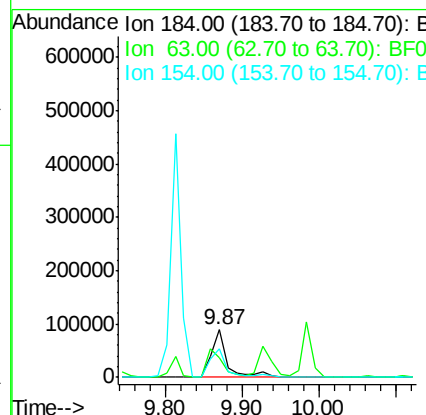
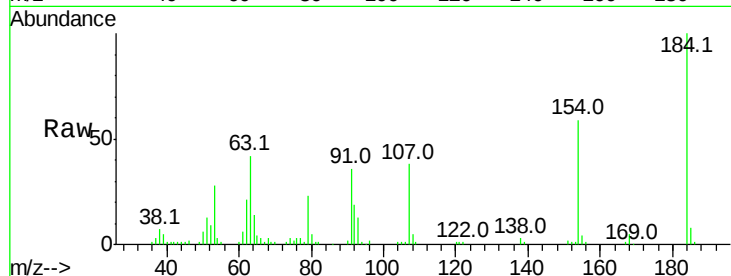
#53
2,4-Dinitrophenol
Concen: 65.93 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.02 min
Lab File: BF086098.D
Acq: 6 Apr 2016 15:02

Instrument :
BNA_F
ClientSampleId :
PB89565BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	125691		
63	41.9	69.5	104.3	#
154	59.0	58.3	87.5	

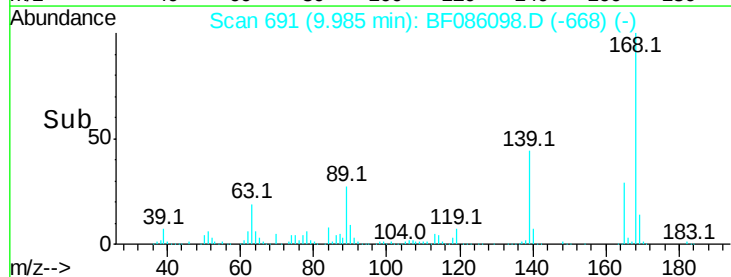
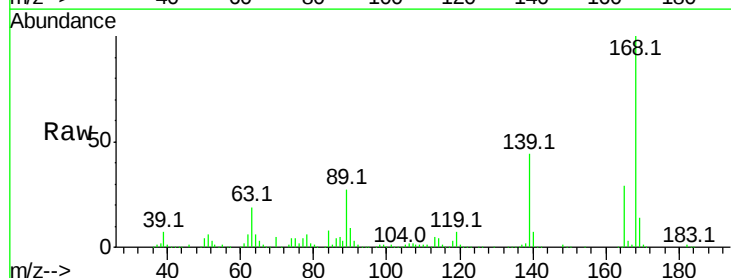
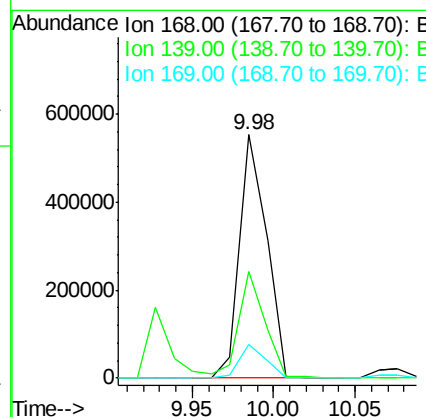
Manual Integrations
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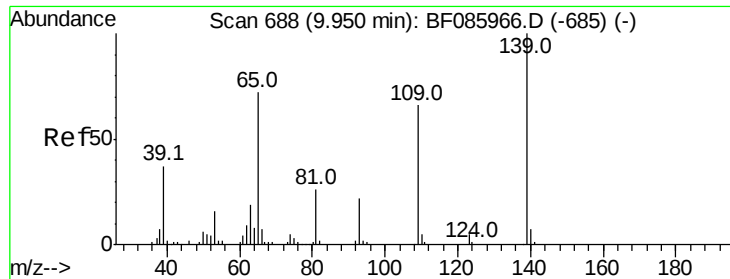
Sohil
4/7/2016 11:40:44 AM



#54
Dibenzofuran
Concen: 41.21 ng
RT: 9.98 min Scan# 691
Delta R.T. -0.03 min
Lab File: BF086098.D
Acq: 6 Apr 2016 15:02

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	629801		
139	43.7	31.9	47.9	
169	13.8	11.0	16.6	





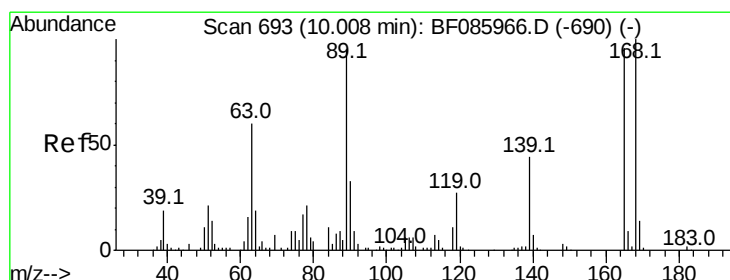
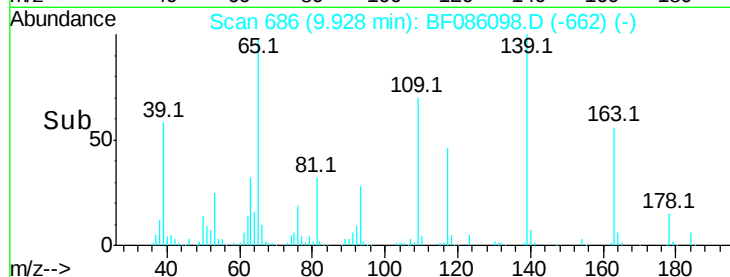
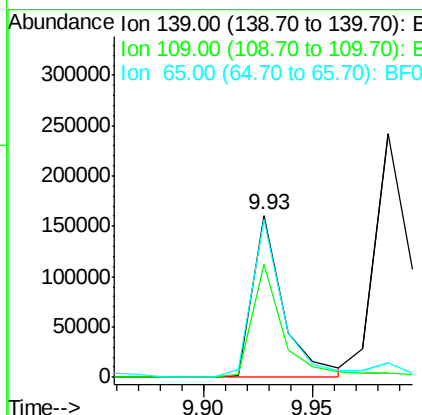
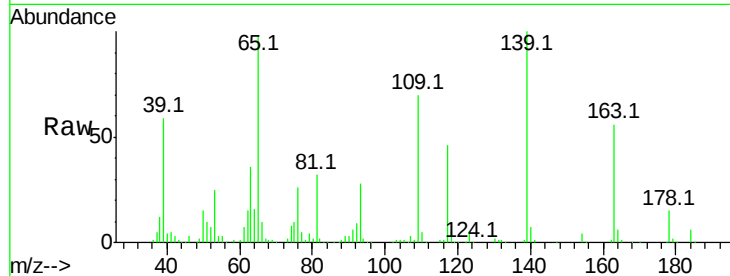
#55
4-Nitrophenol
Concen: 73.12 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.02 min
Lab File: BF086098.D
Acq: 6 Apr 2016 15:02

Instrument :
BNA_F
ClientSampleId :
PB89565BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	158325		
109	70.1	49.2	89.2	
65	97.9	66.9	106.9	

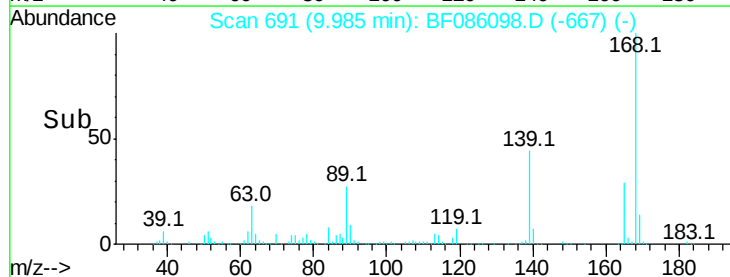
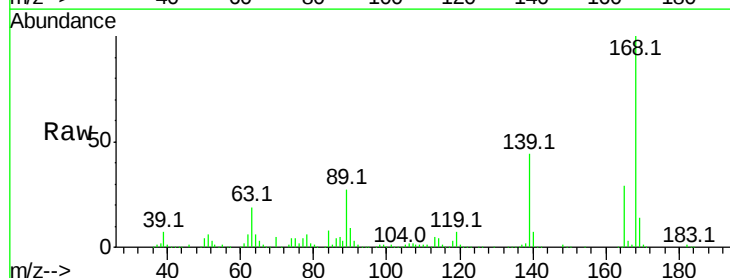
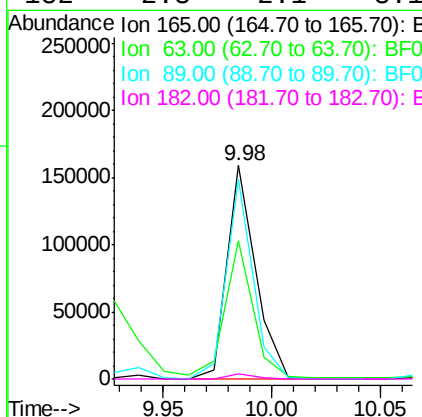
Manual Integrations
APPROVED

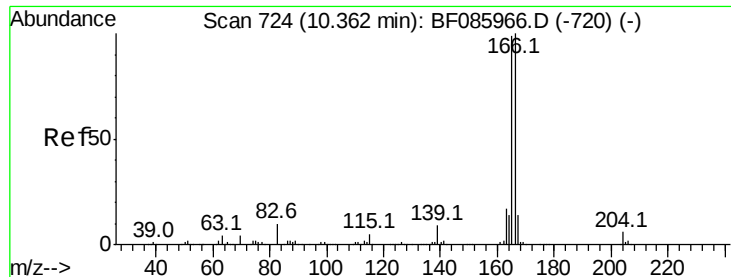
Sohil
4/7/2016 11:40:44 AM



#56
2,4-Dinitrotoluene
Concen: 37.64 ng
RT: 9.98 min Scan# 691
Delta R.T. -0.02 min
Lab File: BF086098.D
Acq: 6 Apr 2016 15:02

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	144944		
63	64.8	24.9	37.3#	
89	93.7	41.0	61.6#	
182	2.3	2.1	3.1	





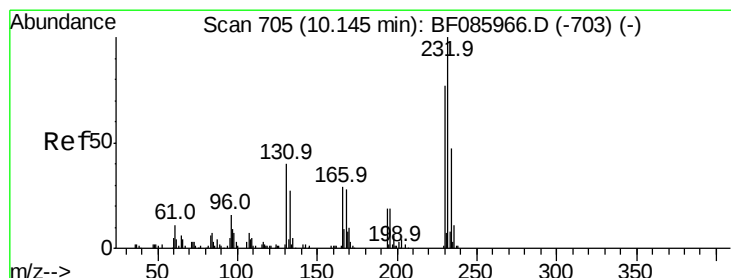
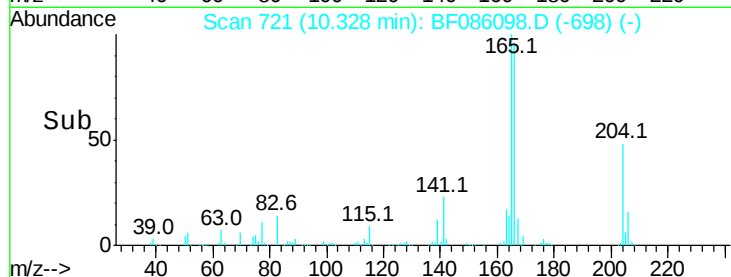
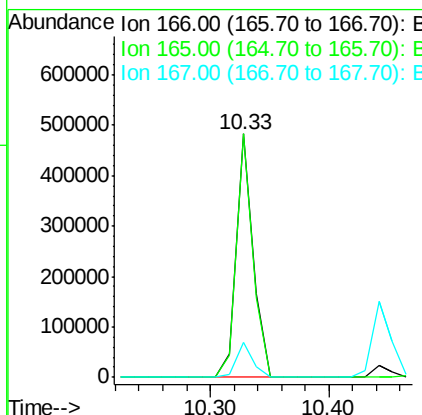
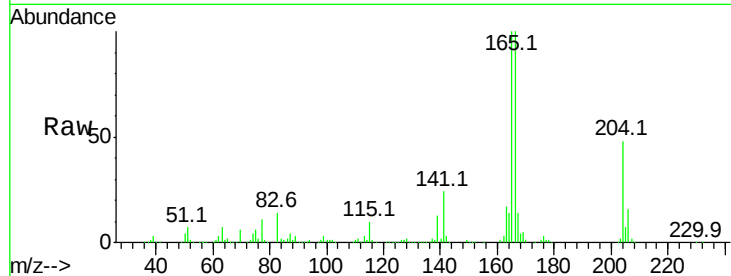
#57
 Fluorene
 Concen: 36.83 ng
 RT: 10.33 min Scan# 721
 Delta R.T. -0.03 min
 Lab File: BF086098.D
 Acq: 6 Apr 2016 15:02

Instrument :
 BNA_F
 ClientSampleId :
 PB89565BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	99.8	79.4	119.0	
167	14.1	11.0	16.4	

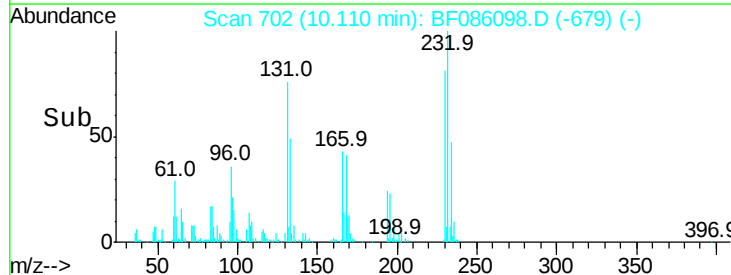
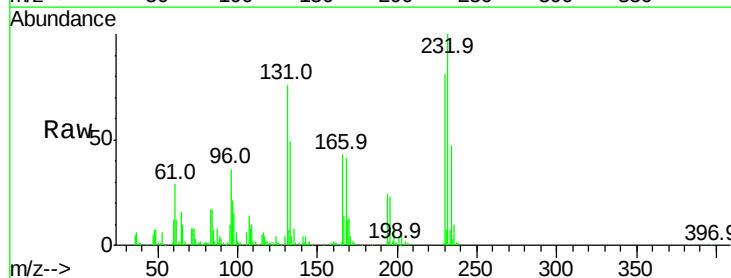
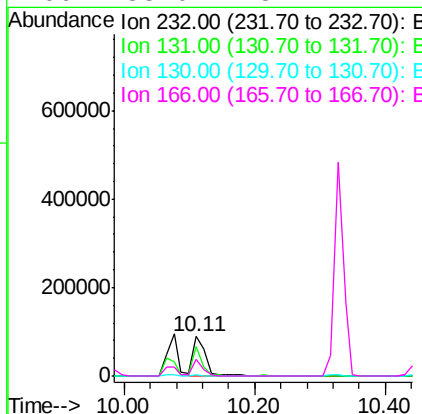
Manual Integrations
 APPROVED

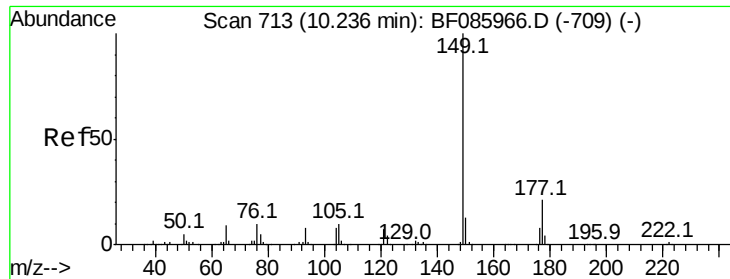
Sohil
 4/7/2016 11:40:44 AM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 41.50 ng
 RT: 10.11 min Scan# 702
 Delta R.T. -0.03 min
 Lab File: BF086098.D
 Acq: 6 Apr 2016 15:02

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	56.3	44.9	67.3	
130	2.7	2.3	3.5	
166	33.0	28.1	42.1	





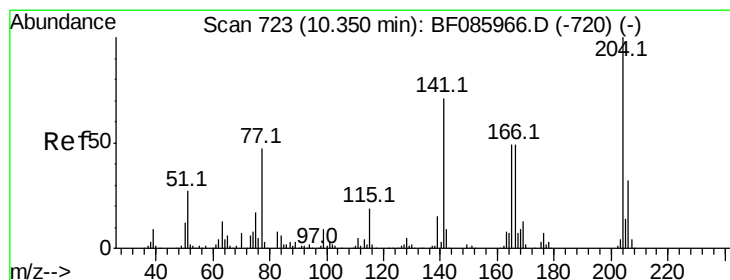
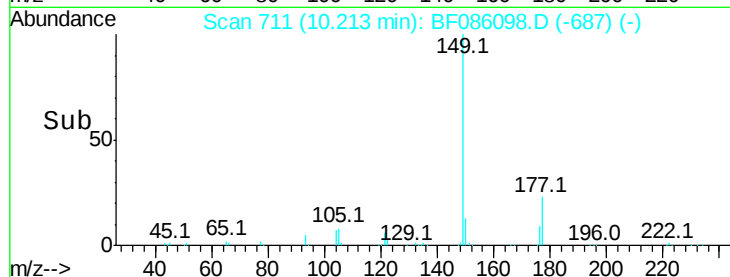
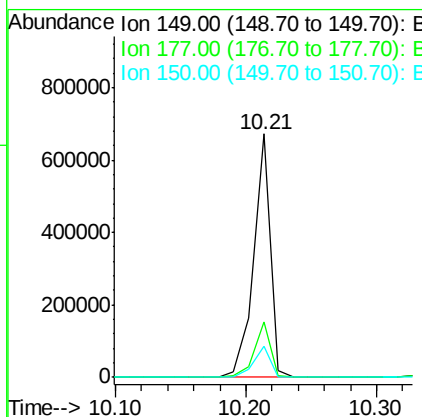
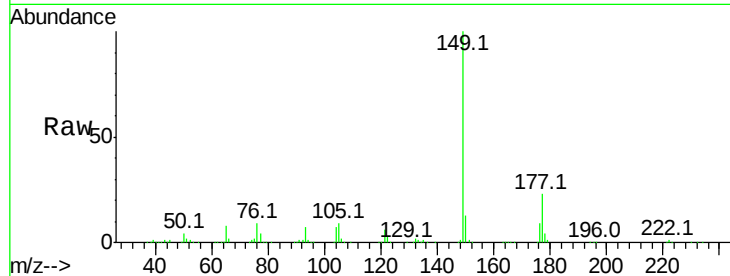
#59
Diethylphthalate
Concen: 41.10 ng
RT: 10.21 min Scan# 711
Delta R.T. -0.02 min
Lab File: BF086098.D
Acq: 6 Apr 2016 15:02

Instrument :
BNA_F
ClientSampleId :
PB89565BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	597511		
177	22.6	17.9	26.9	
150	12.6	10.2	15.2	

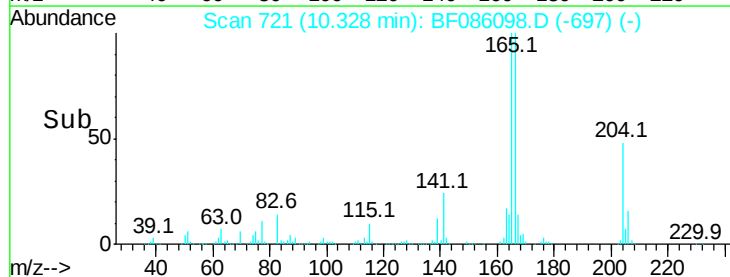
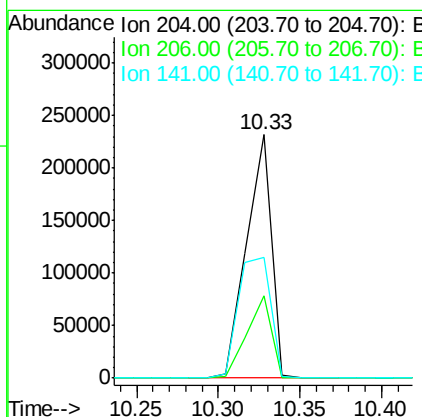
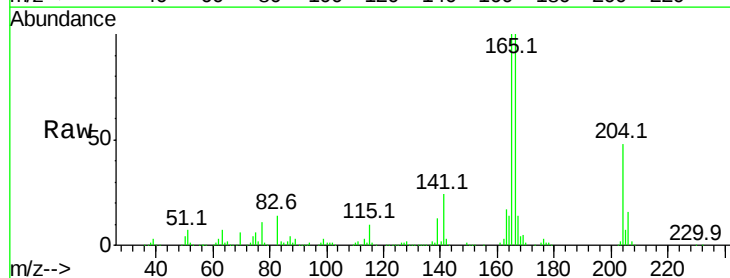
Manual Integrations
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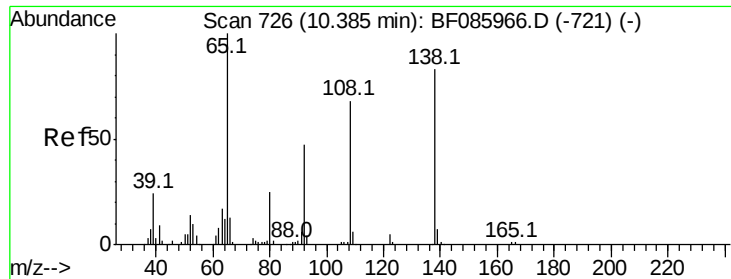
Sohil
4/7/2016 11:40:44 AM



#60
4-Chlorophenyl-phenylether
Concen: 40.33 ng
RT: 10.33 min Scan# 721
Delta R.T. -0.02 min
Lab File: BF086098.D
Acq: 6 Apr 2016 15:02

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	245241		
206	34.0	26.6	39.8	
141	49.4	57.4	86.0#	





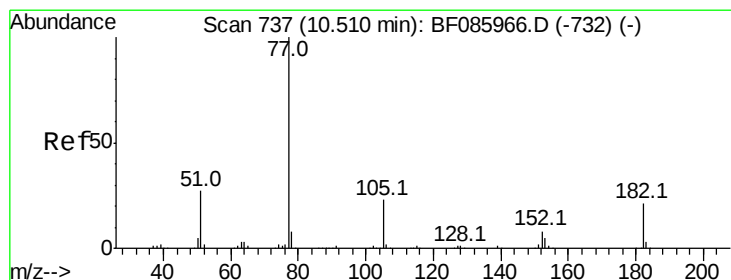
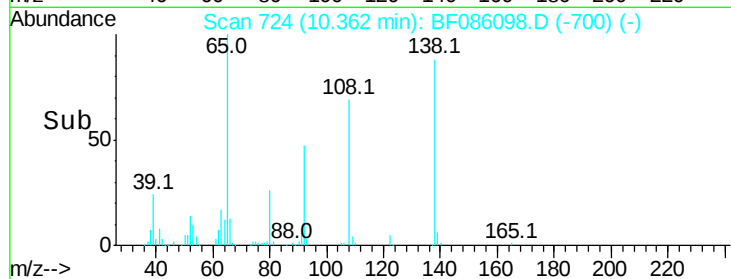
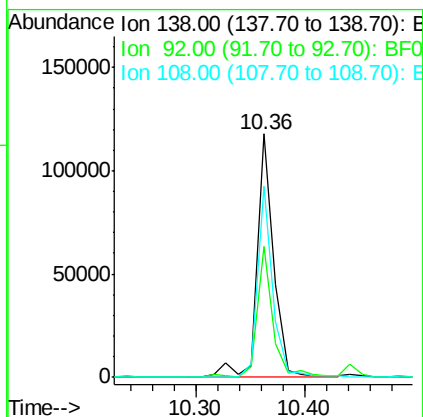
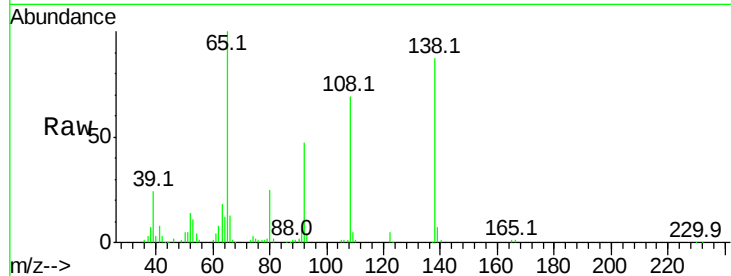
#61
4-Nitroaniline
Concen: 35.23 ng
RT: 10.36 min Scan# 724
Delta R.T. -0.02 min
Lab File: BF086098.D
Acq: 6 Apr 2016 15:02

Instrument :
BNA_F
ClientSampleId :
PB89565BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	127422		
92	53.6	26.4	66.4	
108	78.8	49.0	89.0	

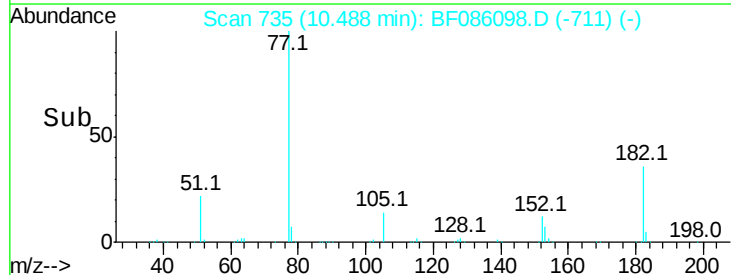
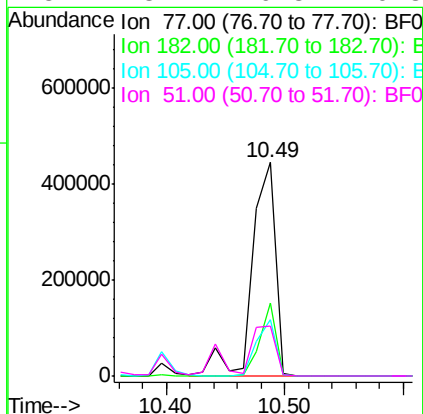
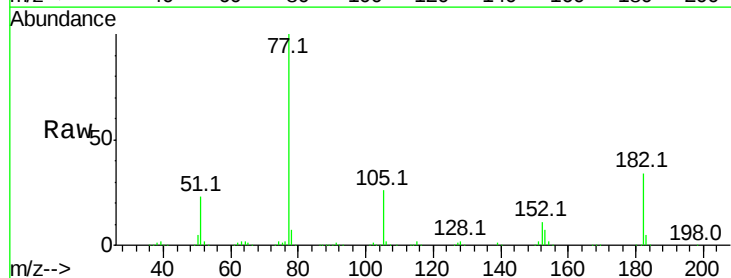
Manual Integrations
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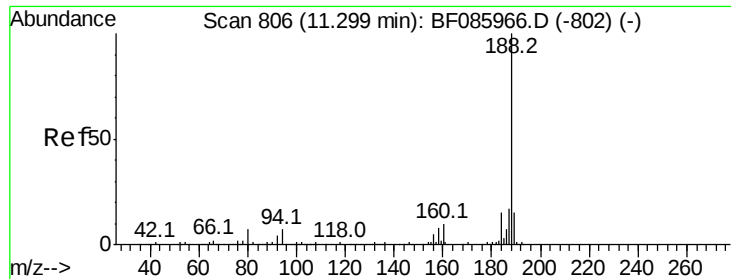
Sohil
4/7/2016 11:40:44 AM



#62
Azobenzene
Concen: 43.98 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.02 min
Lab File: BF086098.D
Acq: 6 Apr 2016 15:02

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	612420		
182	34.1	1.9	41.9	
105	26.4	3.5	43.5	
51	23.4	6.3	46.3	





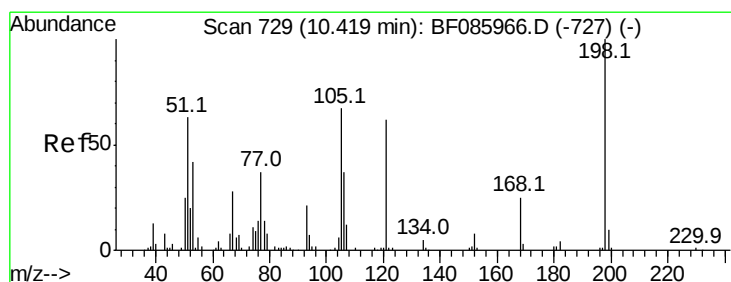
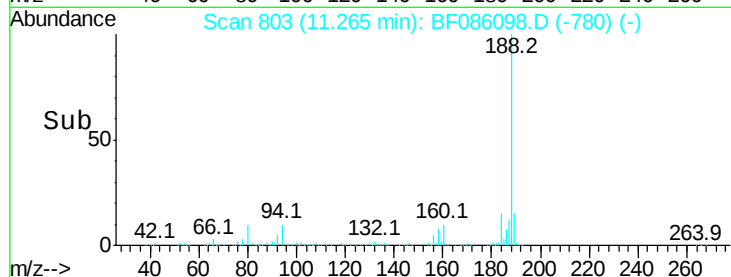
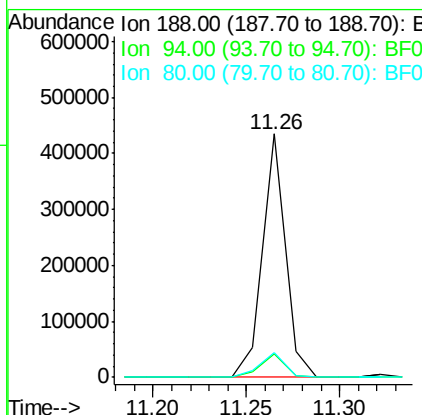
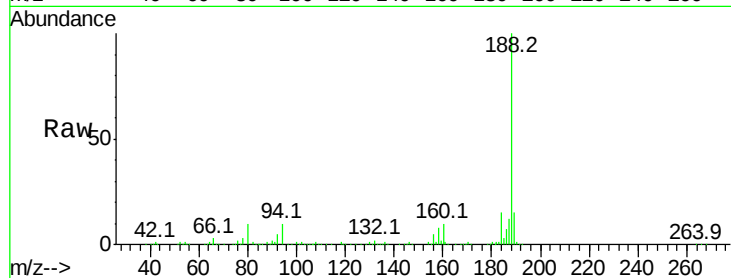
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 803
Delta R.T. -0.03 min
Lab File: BF086098.D
Acq: 6 Apr 2016 15:02

Instrument :
BNA_F
ClientSampleId :
PB89565BS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.7	5.4	8.0#
80	10.1	5.5	8.3#

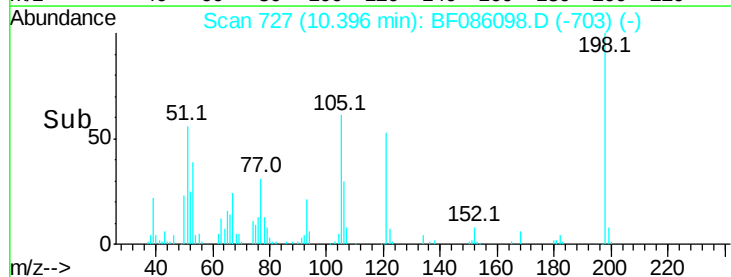
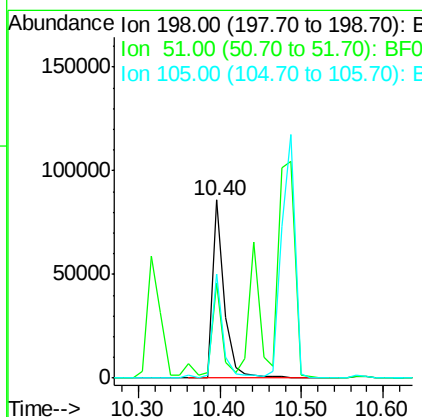
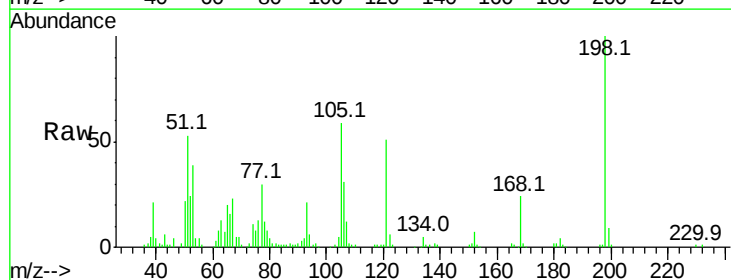
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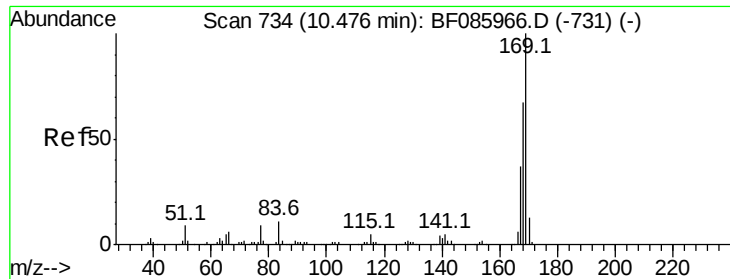
Sohil
4/7/2016 11:40:44 AM



#64
4,6-Dinitro-2-methylphenol
Concen: 39.25 ng
RT: 10.40 min Scan# 727
Delta R.T. -0.02 min
Lab File: BF086098.D
Acq: 6 Apr 2016 15:02

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	53.4	45.4	85.4
105	58.6	45.9	85.9





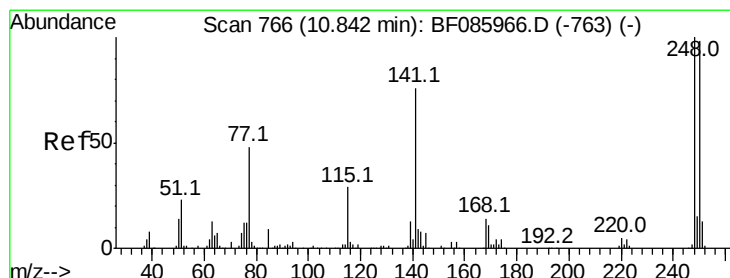
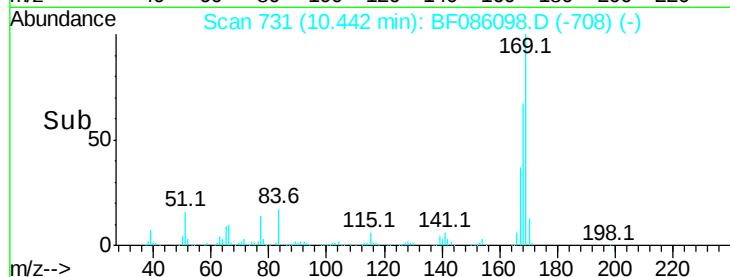
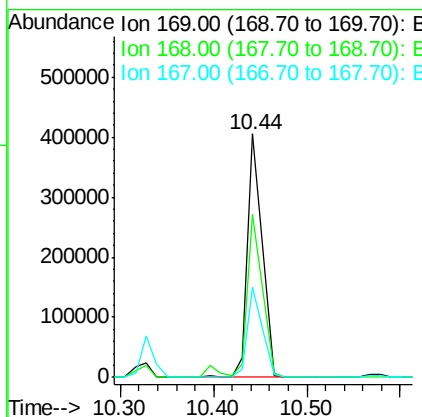
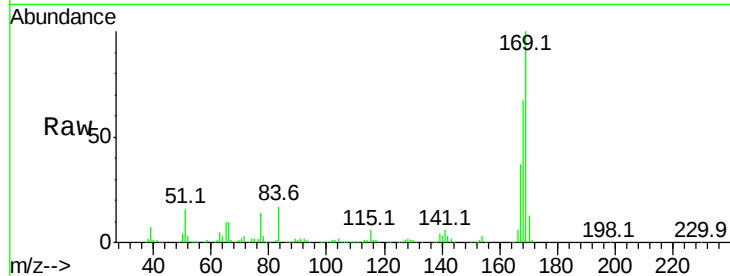
#65
n-Nitrosodiphenylamine
Concen: 38.05 ng
RT: 10.44 min Scan# 731
Delta R.T. -0.03 min
Lab File: BF086098.D
Acq: 6 Apr 2016 15:02

Instrument :
BNA_F
ClientSampleId :
PB89565BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	438093		
168	67.1	54.4	81.6	
167	37.2	29.4	44.0	

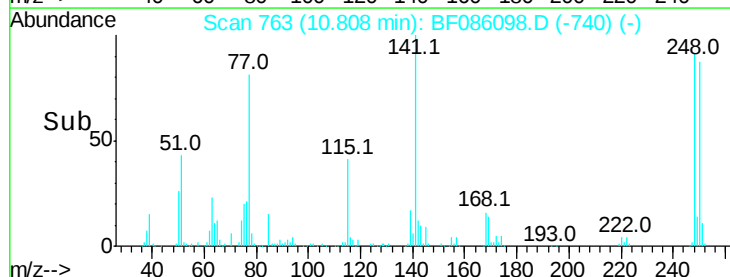
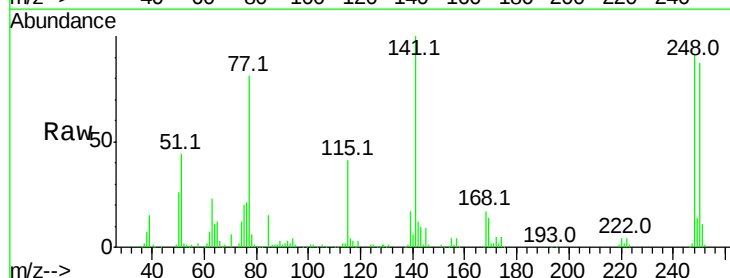
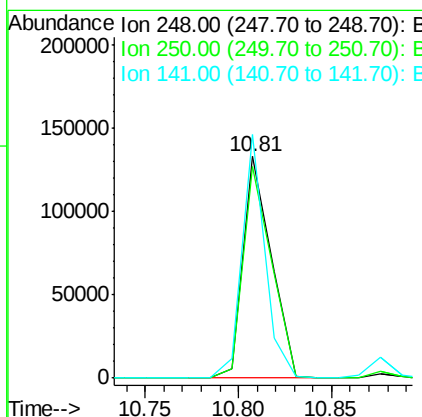
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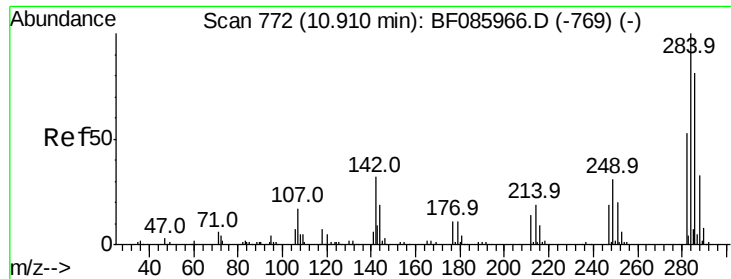
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4/7/2016 11:40:44 AM



#66
4-Bromophenyl-phenylether
Concen: 37.14 ng
RT: 10.81 min Scan# 763
Delta R.T. -0.03 min
Lab File: BF086098.D
Acq: 6 Apr 2016 15:02

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	139619		
250	95.4	77.4	116.0	
141	109.9	63.6	95.4	





#67

Hexachlorobenzene

Concen: 38.64 ng

RT: 10.88 min Scan# 769

Delta R.T. -0.03 min

Lab File: BF086098.D

Acq: 6 Apr 2016 15:02

Instrument :

BNA_F

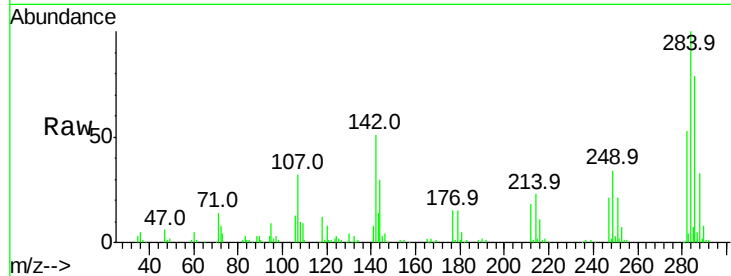
ClientSampleId :

PB89565BS

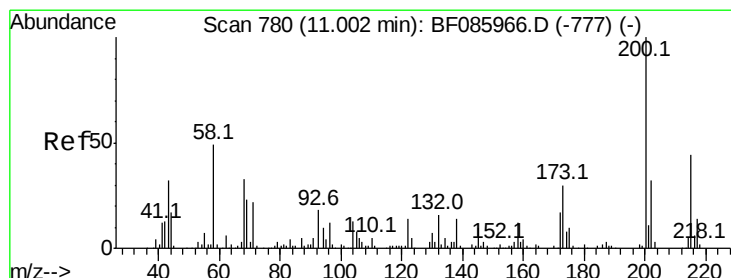
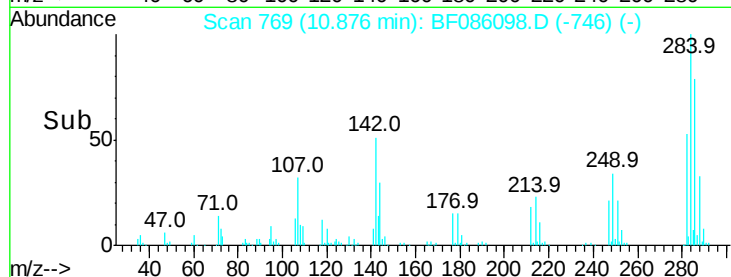
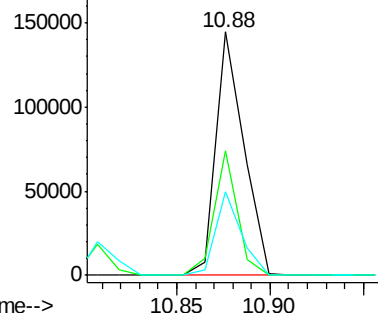
Tot Ion:	284	Resp:	150187
Ion Ratio		Lower	Upper
284	100		
142	51.0	23.1	34.7#
249	34.3	24.2	36.2

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



#68

Atrazine

Concen: 43.94 ng

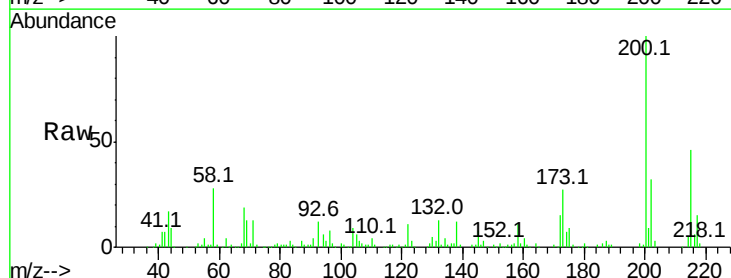
RT: 10.98 min Scan# 778

Delta R.T. -0.02 min

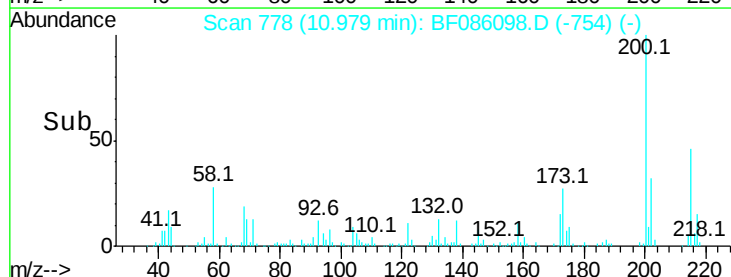
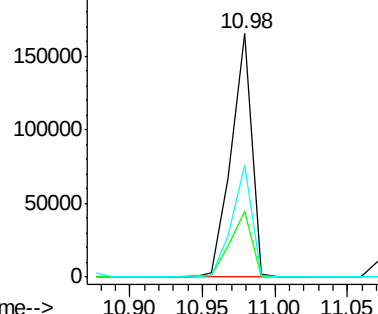
Lab File: BF086098.D

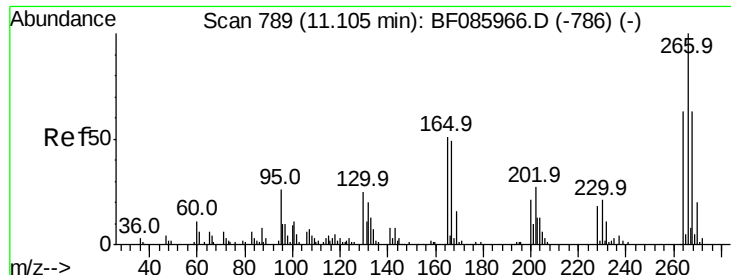
Acq: 6 Apr 2016 15:02

Tgt Ion:	200	Resp:	163485
Ion Ratio		Lower	Upper
200	100		
173	26.7	7.7	47.7
215	45.8	25.4	65.4



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





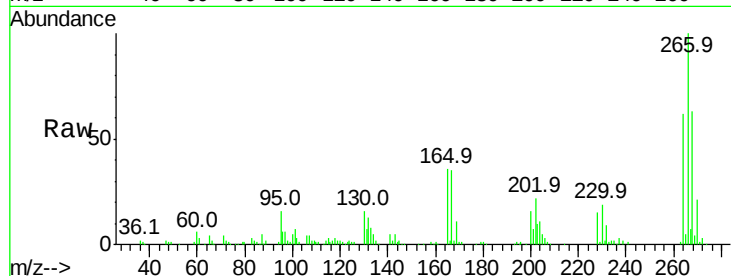
#69
 Pentachlorophenol
 Concen: 78.56 ng
 RT: 11.08 min Scan# 787
 Delta R.T. -0.02 min
 Lab File: BF086098.D
 Acq: 6 Apr 2016 15:02

Instrument :
 BNA_F
 ClientSampleId :
 PB89565BS

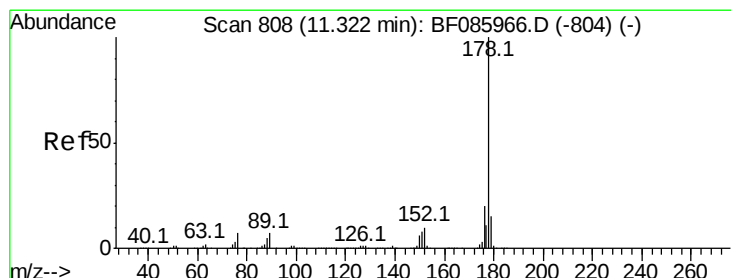
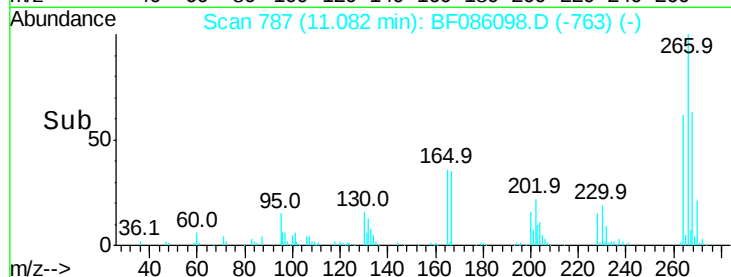
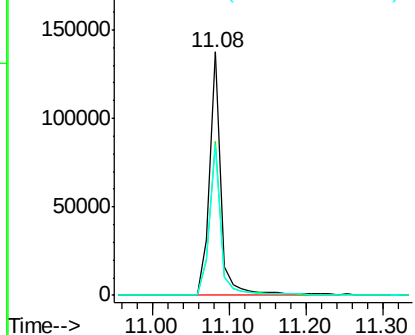
Tot Ion	Ratio	Resp	Lower	Upper
266	100	143119		
268	63.1	51.5	77.3	
264	61.6	50.6	76.0	

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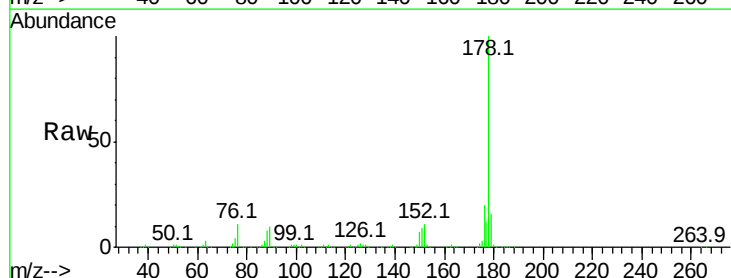


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

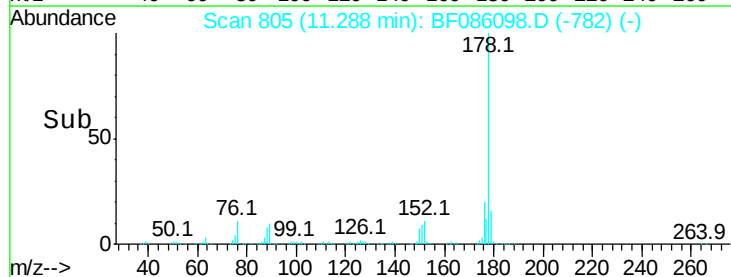
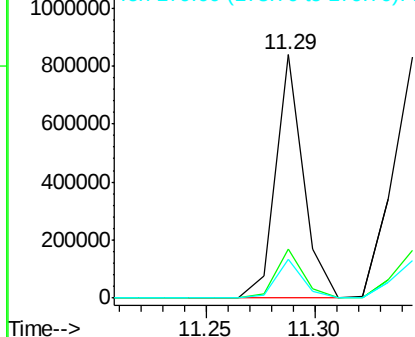


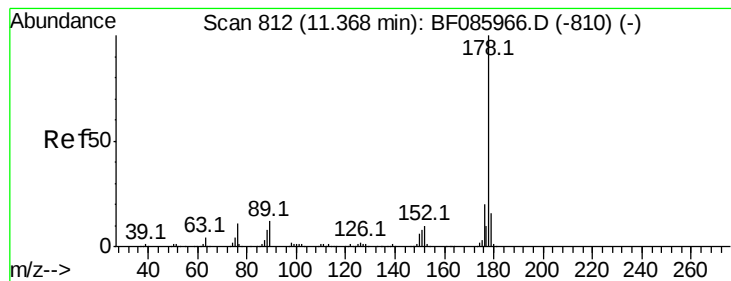
#70
 Phenanthrene
 Concen: 37.15 ng
 RT: 11.29 min Scan# 805
 Delta R.T. -0.03 min
 Lab File: BF086098.D
 Acq: 6 Apr 2016 15:02

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	746201		
176	20.3	16.3	24.5	
179	15.8	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: 39.65 ng

RT: 11.34 min Scan# 810

Delta R.T. -0.02 min

Lab File: BF086098.D

Acq: 6 Apr 2016 15:02

Instrument :

BNA_F

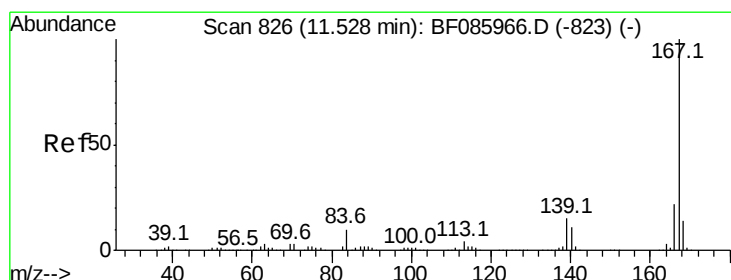
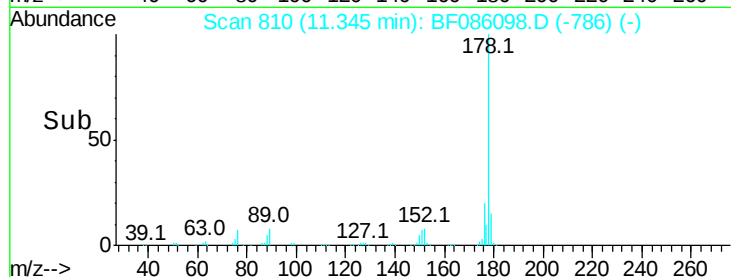
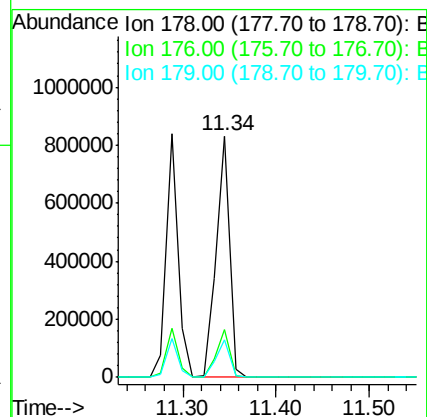
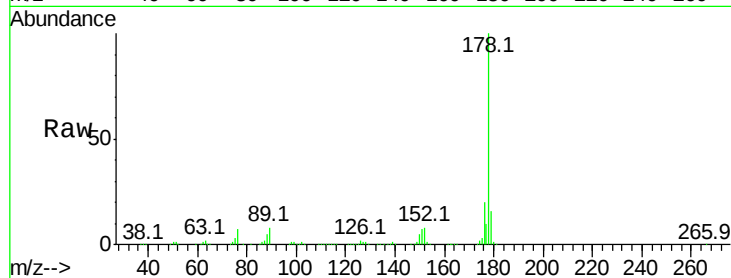
ClientSampleId :

PB89565BS

Tot Ion:	178	Resp:	834142
Ion Ratio	Lower	Upper	
178	100		
176	19.6	15.9	23.9
179	15.5	13.0	19.4

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#72

Carbazole

Concen: 40.90 ng

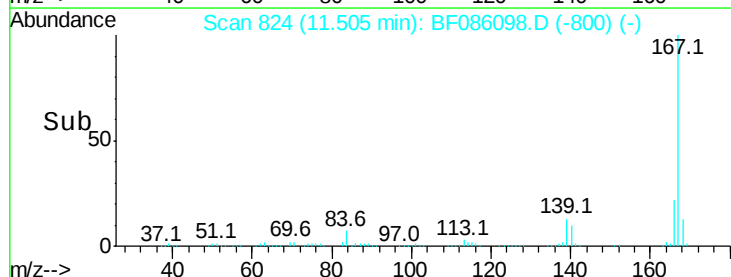
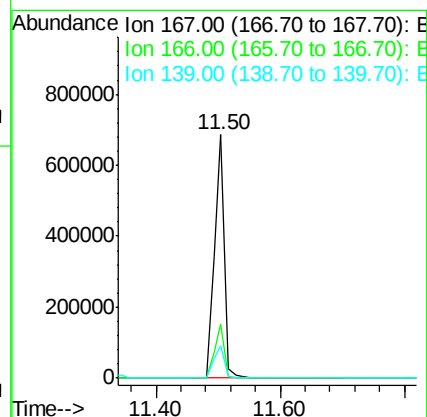
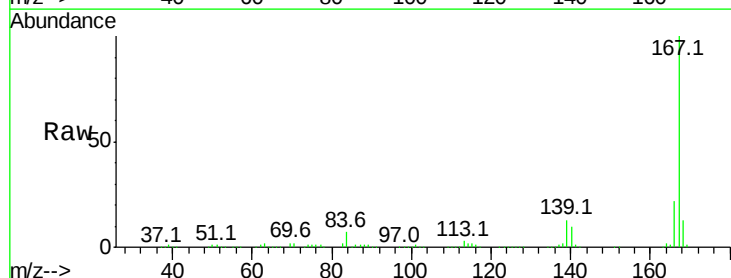
RT: 11.50 min Scan# 824

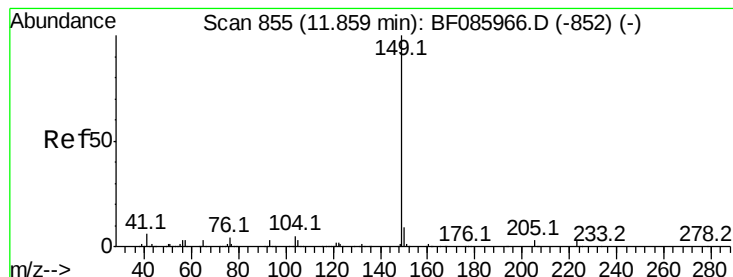
Delta R.T. -0.02 min

Lab File: BF086098.D

Acq: 6 Apr 2016 15:02

Tgt Ion:	167	Resp:	739783
Ion Ratio	Lower	Upper	
167	100		
166	22.1	17.8	26.8
139	13.1	11.6	17.4





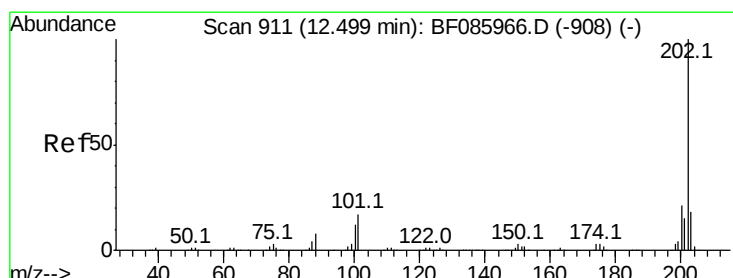
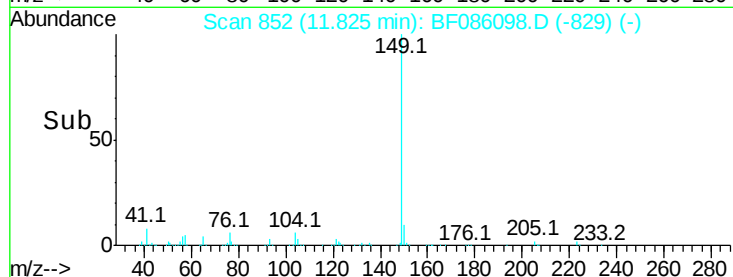
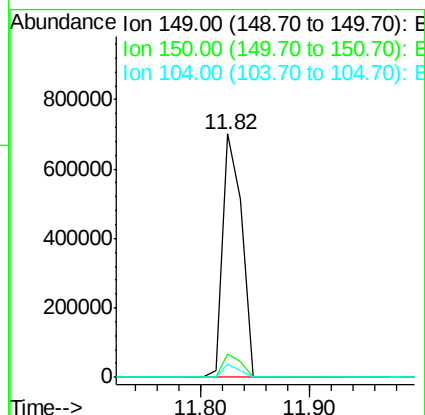
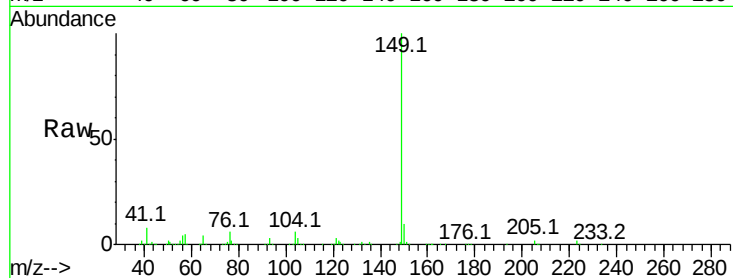
#73
Di-n-butylphthalate
Concen: 37.96 ng
RT: 11.82 min Scan# 852
Delta R.T. -0.03 min
Lab File: BF086098.D
Acq: 6 Apr 2016 15:02

Instrument :
BNA_F
ClientSampleId :
PB89565BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.6	7.6	11.4	
104	5.6	3.8	5.8	

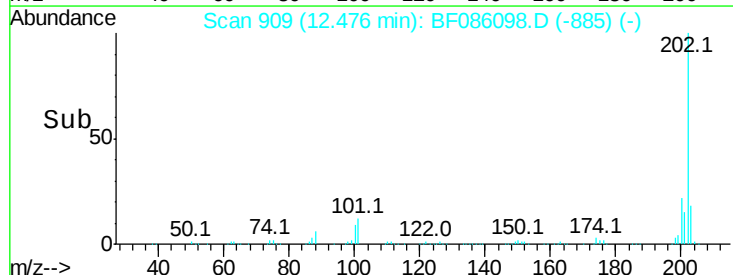
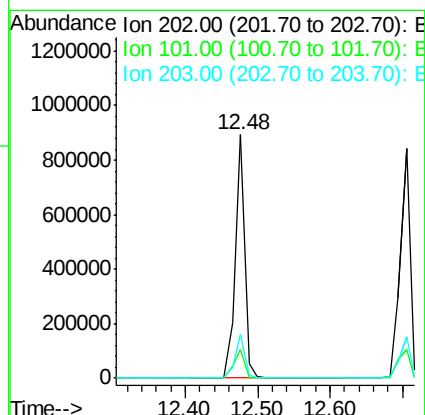
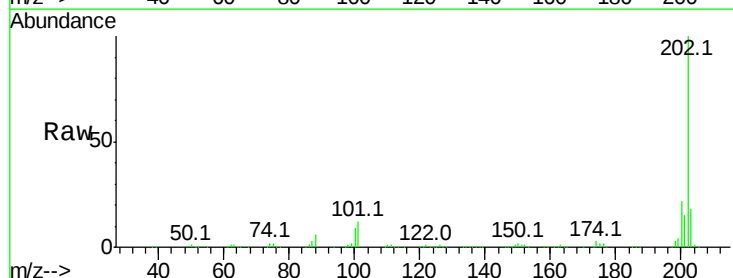
Manual Integrations
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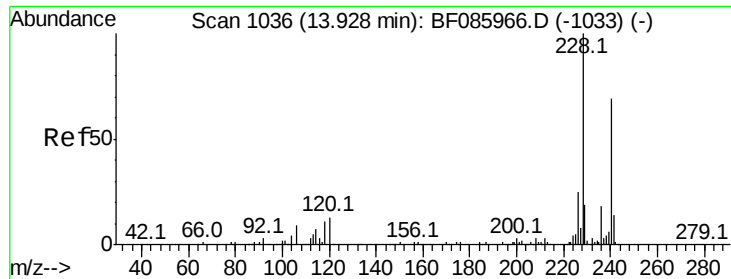
Sohil
4/7/2016 11:40:44 AM



#74
Fluoranthene
Concen: 38.20 ng
RT: 12.48 min Scan# 909
Delta R.T. -0.02 min
Lab File: BF086098.D
Acq: 6 Apr 2016 15:02

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	12.0	0.0	36.6	
203	17.9	0.0	38.1	





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.91 min Scan# 1034

Delta R.T. -0.02 min

Lab File: BF086098.D

Acq: 6 Apr 2016 15:02

Instrument :

BNA_F

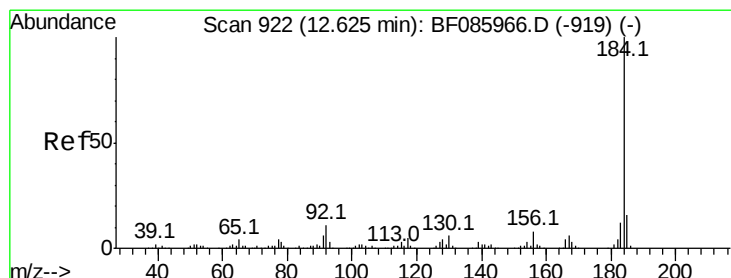
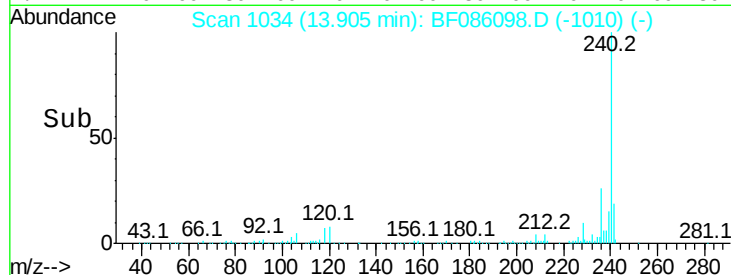
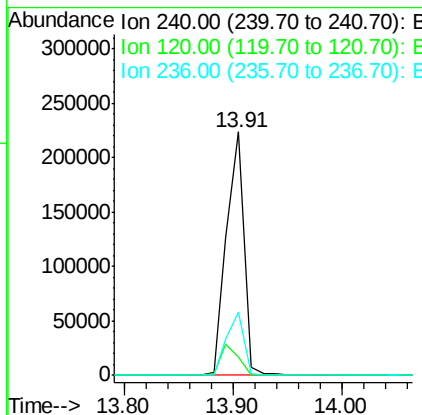
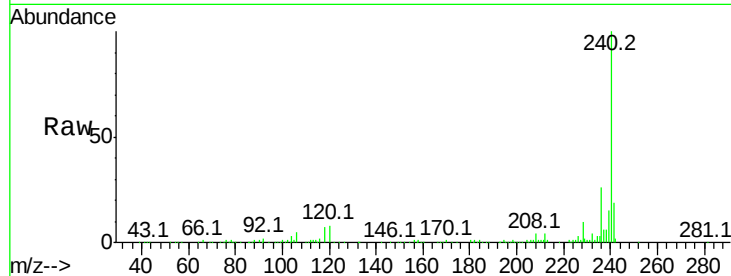
ClientSampleId :

PB89565BS

Tot Ion	Ratio	Resp	Lower	Upper
240	100	249523		
120	7.6	13.8	20.8#	
236	26.0	20.6	30.8	

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#76

Benzidine

Concen: 31.05 ng

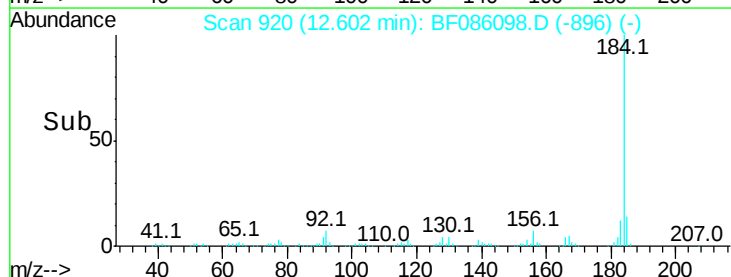
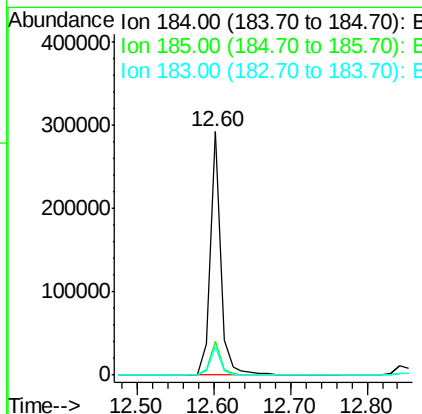
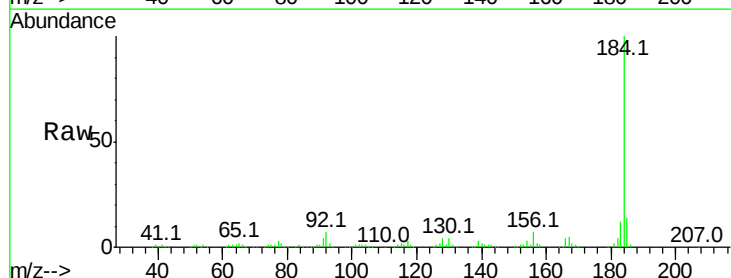
RT: 12.60 min Scan# 920

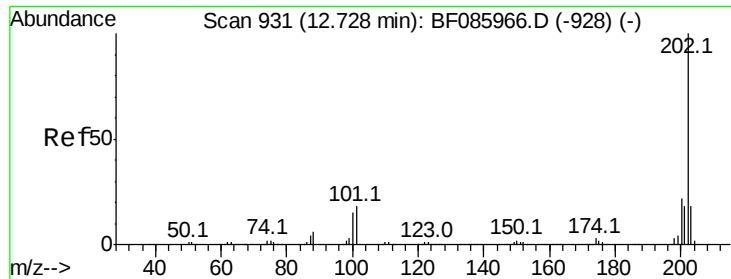
Delta R.T. -0.02 min

Lab File: BF086098.D

Acq: 6 Apr 2016 15:02

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	273347		
185	14.1	12.4	18.6	
183	11.6	9.4	14.2	





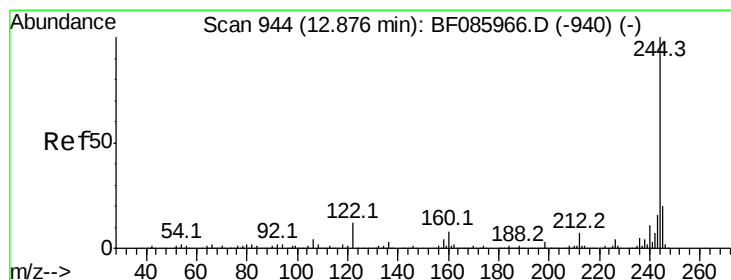
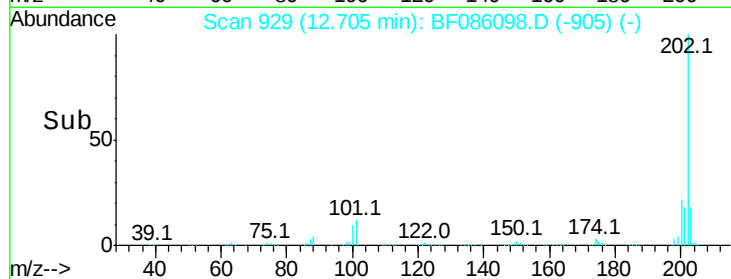
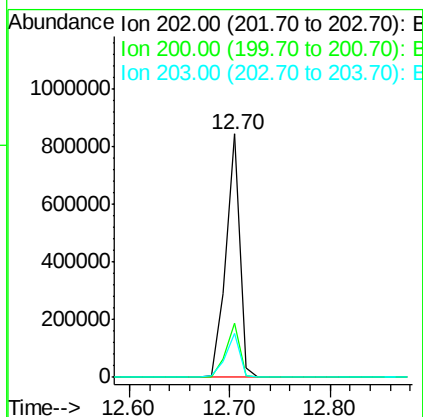
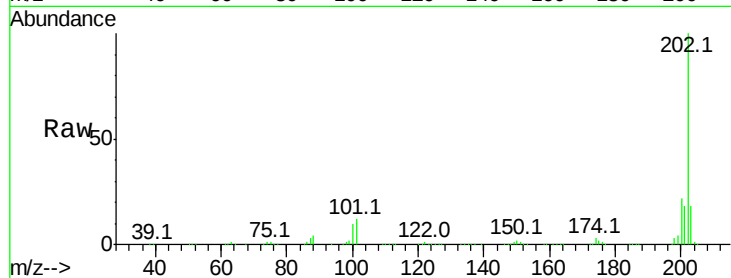
#77
Pvrene
Concen: 45.93 ng
RT: 12.70 min Scan# 929
Delta R.T. -0.02 min
Lab File: BF086098.D
Acq: 6 Apr 2016 15:02

Instrument :
BNA_F
ClientSampleId :
PB89565BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.6	26.4
203	18.0	14.0	21.0

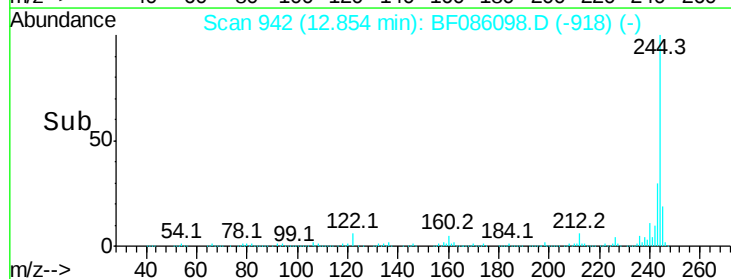
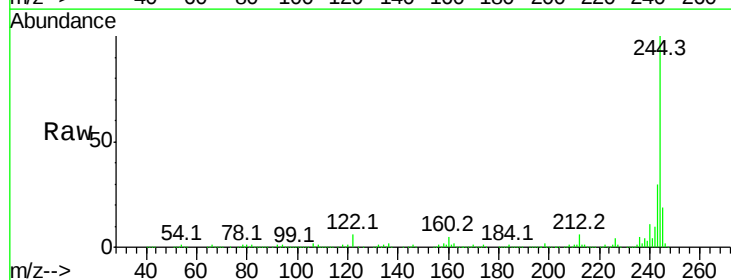
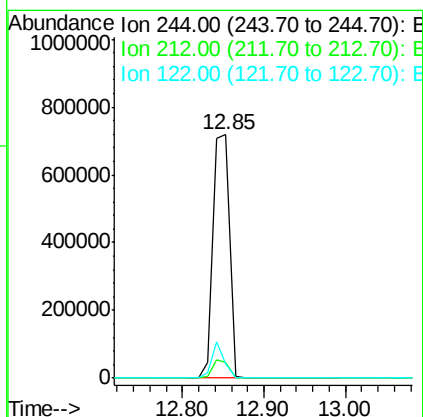
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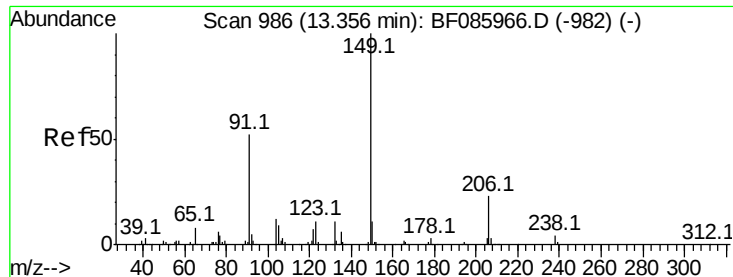
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#78
Terphenyl-d14
Concen: 95.98 ng
RT: 12.85 min Scan# 942
Delta R.T. -0.02 min
Lab File: BF086098.D
Acq: 6 Apr 2016 15:02

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.5	6.1	9.1
122	6.2	10.2	15.4#





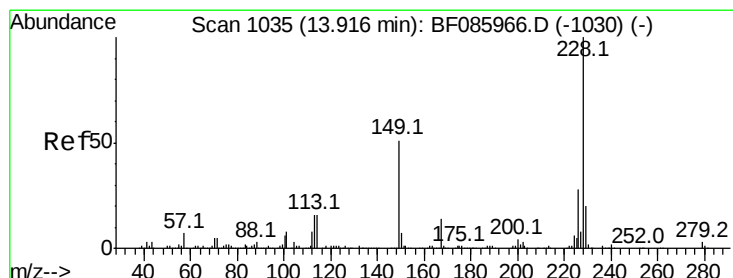
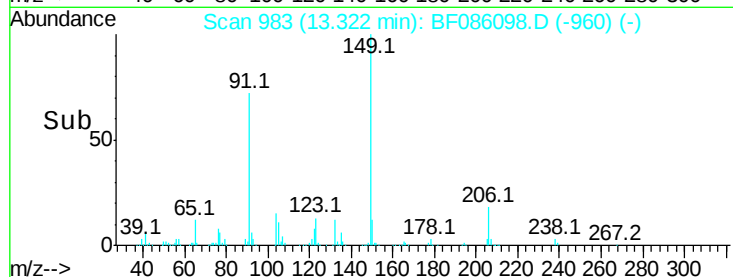
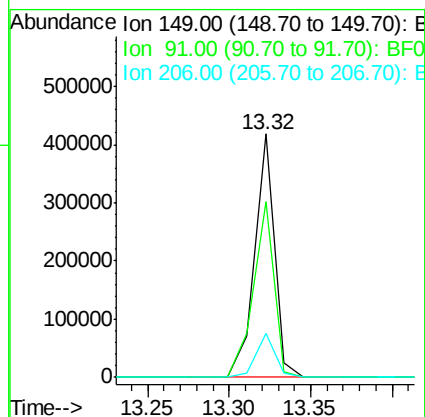
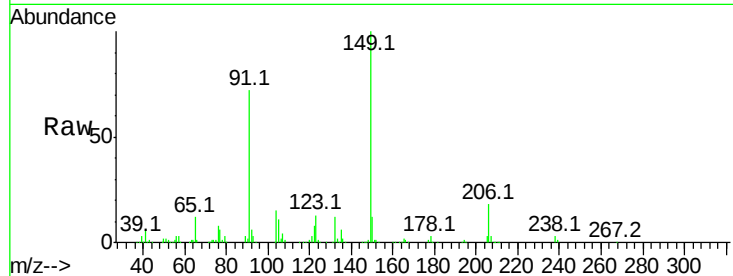
#79
Butylbenzylphthalate
Concen: 44.65 ng
RT: 13.32 min Scan# 983
Delta R.T. -0.03 min
Lab File: BF086098.D
Acq: 6 Apr 2016 15:02

Instrument :
BNA_F
ClientSampleID :
PB89565BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
91	72.1	45.8	68.8#	
206	18.2	17.8	26.8	

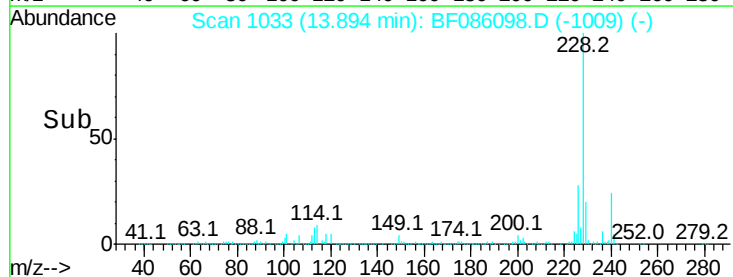
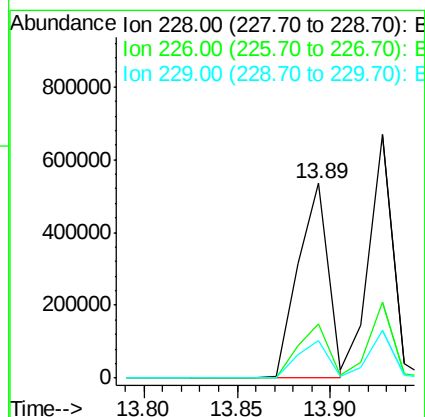
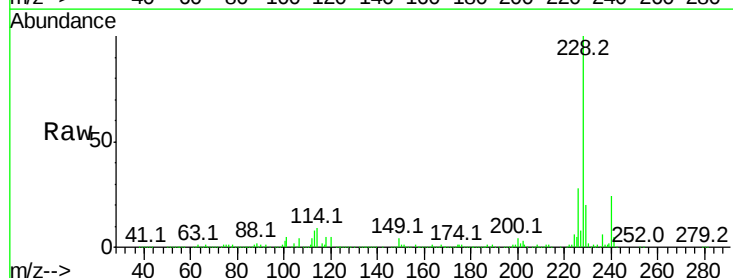
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#80
Benzo(a)anthracene
Concen: 40.90 ng
RT: 13.89 min Scan# 1033
Delta R.T. -0.02 min
Lab File: BF086098.D
Acq: 6 Apr 2016 15:02

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	28.0	22.1	33.1	
229	19.5	16.2	24.4	





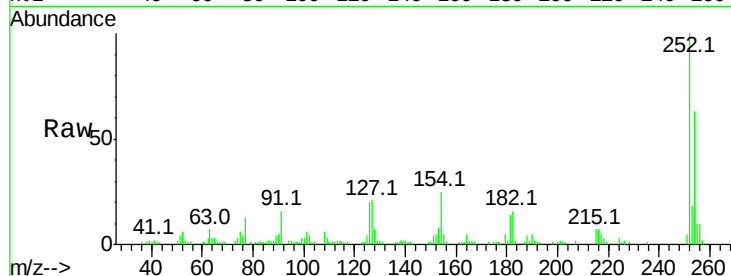
#81
 3,3'-Dichlorobenzidine
 Concen: 7.50 ng
 RT: 13.85 min Scan# 1029
 Delta R.T. -0.05 min
 Lab File: BF086098.D
 Acq: 6 Apr 2016 15:02

Instrument :
 BNA_F
 ClientSampleId :
 PB89565BS

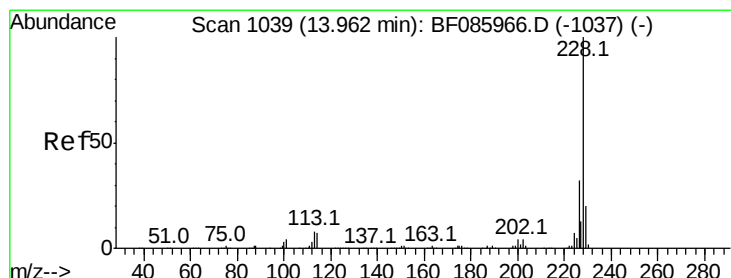
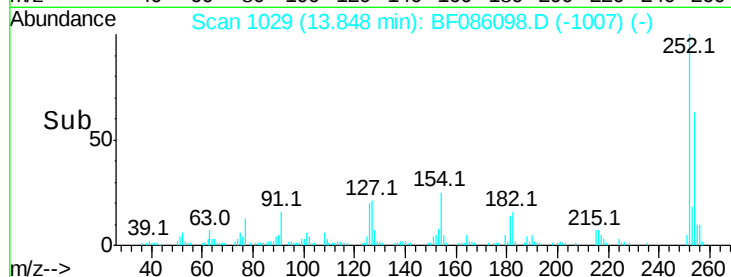
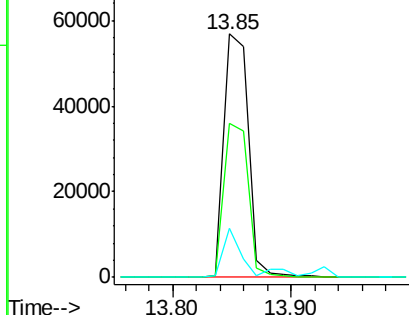
Tot Ion	Ratio	Resp	Lower	Upper
252	100			
254	63.2	50.7	76.1	
126	20.2	11.8	17.6	

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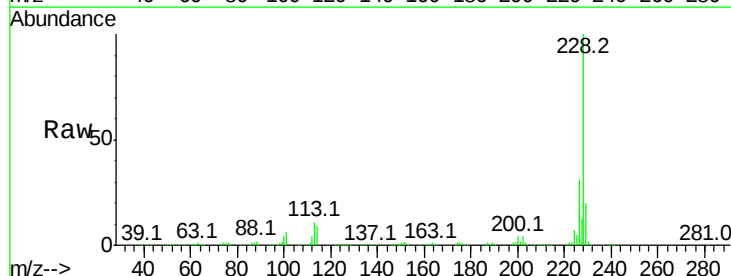


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

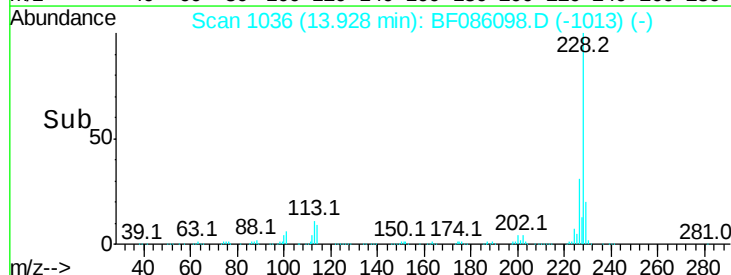
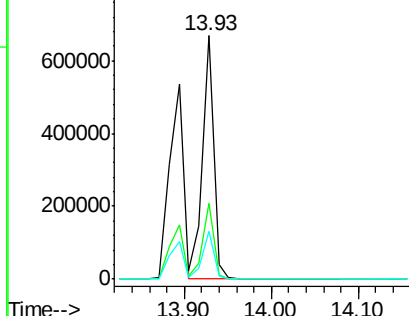


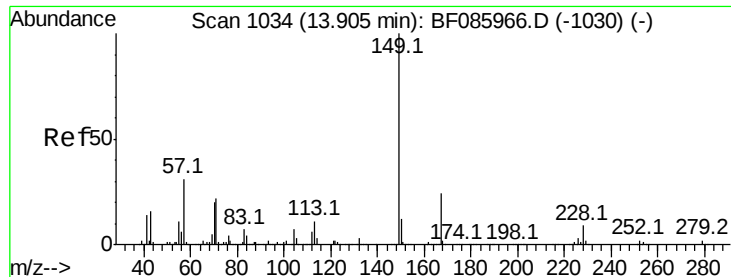
#82
 Chrysene
 Concen: 41.82 ng
 RT: 13.93 min Scan# 1036
 Delta R.T. -0.03 min
 Lab File: BF086098.D
 Acq: 6 Apr 2016 15:02

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	31.0	25.0	37.6	
229	19.6	15.7	23.5	



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





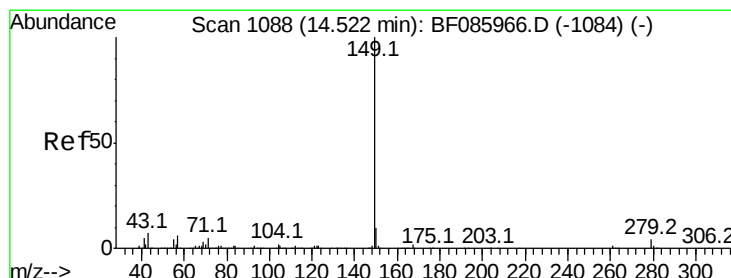
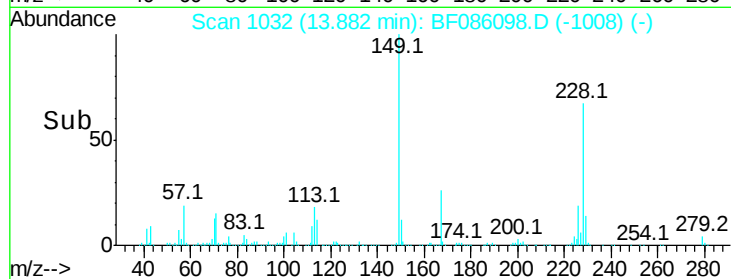
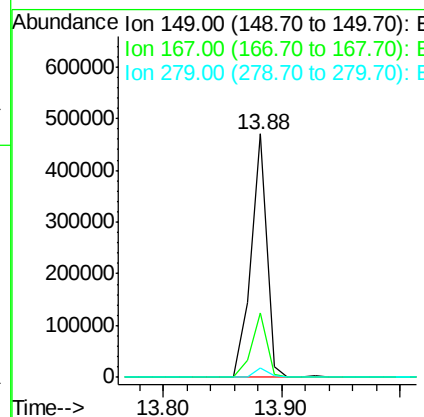
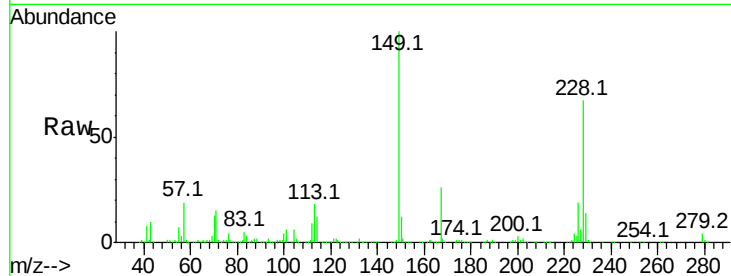
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.90 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. -0.02 min
 Lab File: BF086098.D
 Acq: 6 Apr 2016 15:02

Instrument :
 BNA_F
 ClientSampleId :
 PB89565BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	440291		
167	26.3	19.4	29.2	
279	3.7	1.5	2.3	

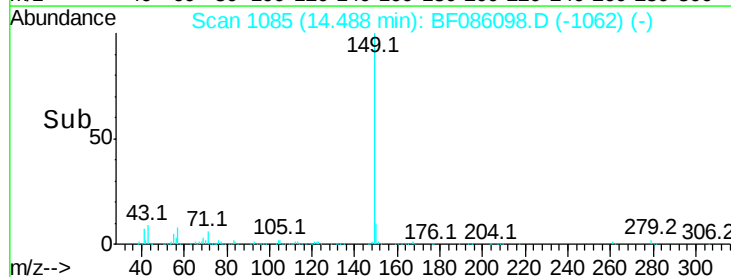
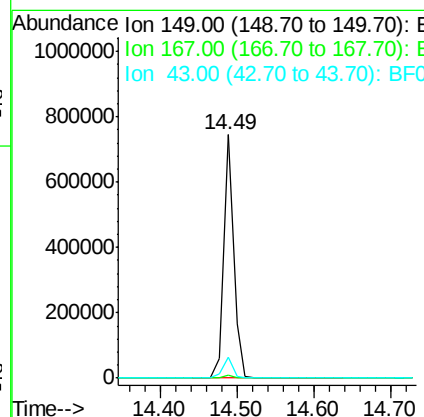
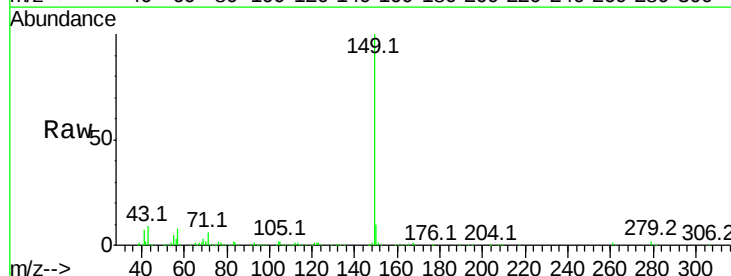
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#84
 Di-n-octyl phthalate
 Concen: 40.11 ng
 RT: 14.49 min Scan# 1085
 Delta R.T. -0.03 min
 Lab File: BF086098.D
 Acq: 6 Apr 2016 15:02

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	673002		
167	1.5	1.2	1.8	
43	8.4	7.1	10.7	





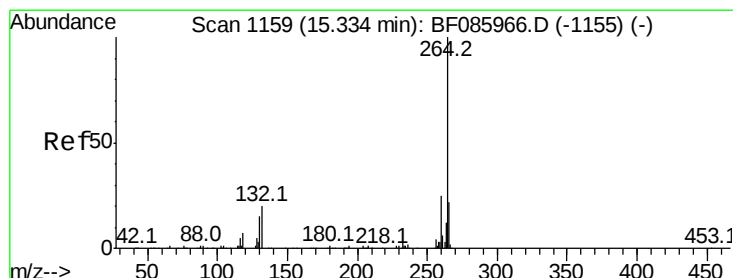
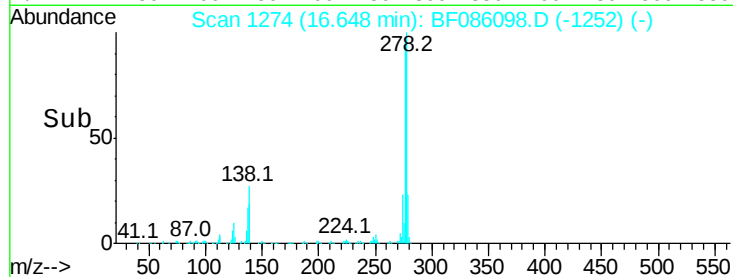
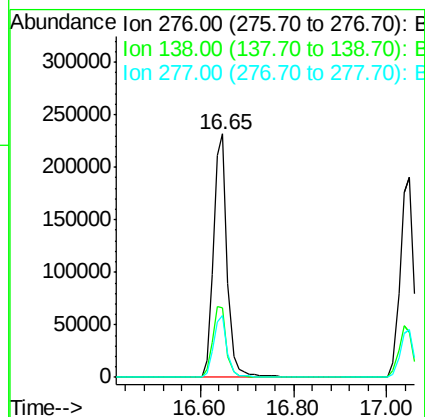
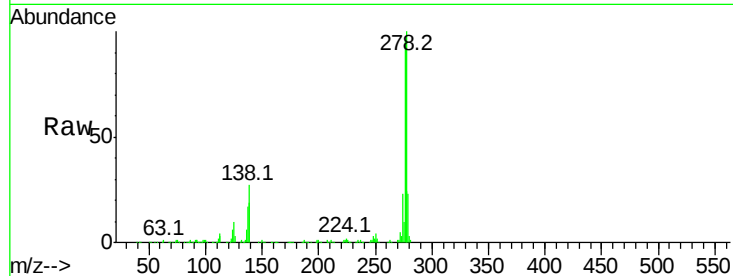
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.65 ng
 RT: 16.65 min Scan# 1274
 Delta R.T. -0.05 min
 Lab File: BF086098.D
 Acq: 6 Apr 2016 15:02

Instrument :
 BNA_F
 ClientSampleId :
 PB89565BS

Tot Ion:	276	Resp:	478800
Ion Ratio	Lower	Upper	
276	100		
138	29.7	24.2	36.4
277	25.0	20.0	30.0

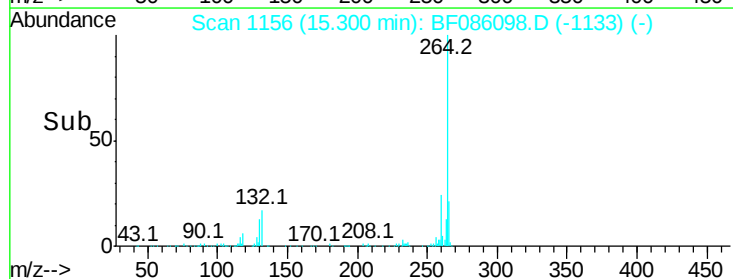
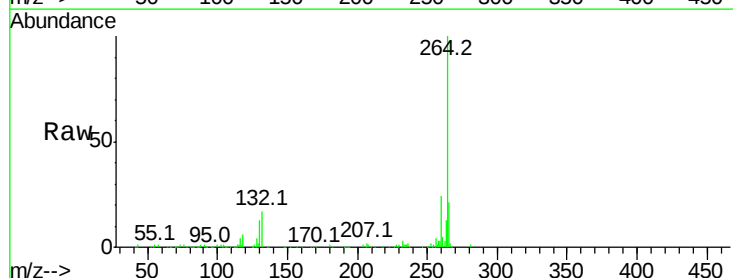
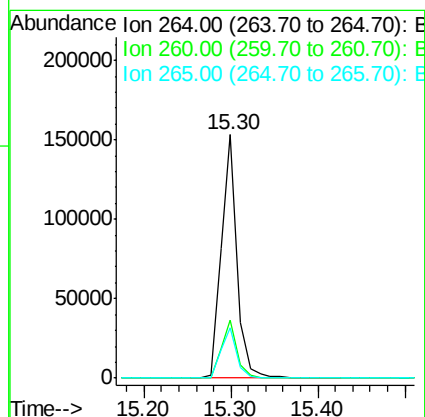
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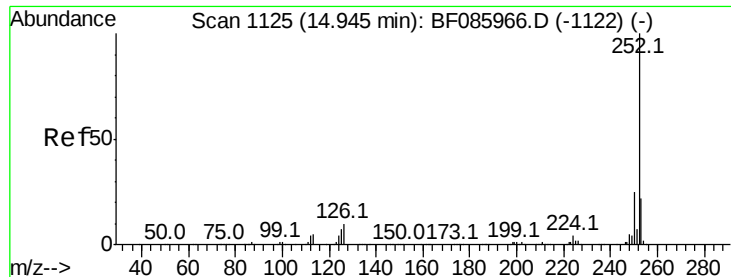
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.30 min Scan# 1156
 Delta R.T. -0.03 min
 Lab File: BF086098.D
 Acq: 6 Apr 2016 15:02

Tgt Ion:	264	Resp:	194578
Ion Ratio	Lower	Upper	
264	100		
260	23.7	19.4	29.2
265	20.8	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 45.38 ng m

RT: 14.91 min Scan# 1122

Delta R.T. -0.03 min

Lab File: BF086098.D

Acq: 6 Apr 2016 15:02

Instrument :

BNA_F

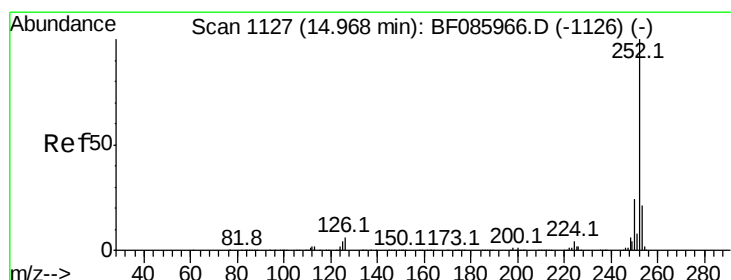
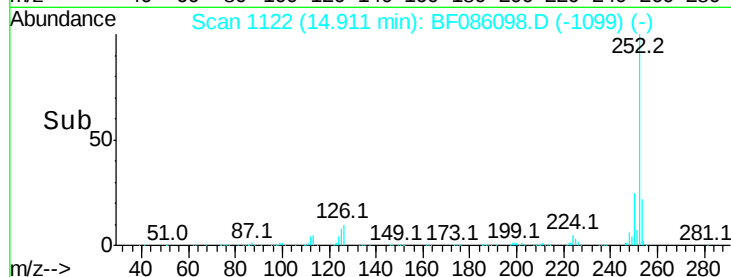
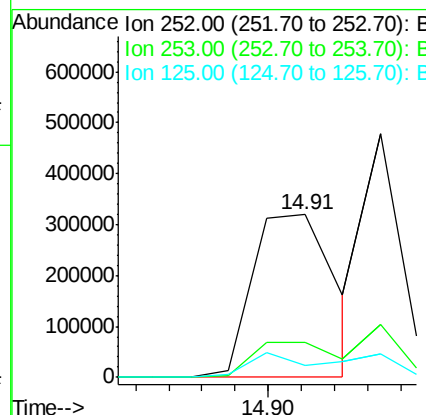
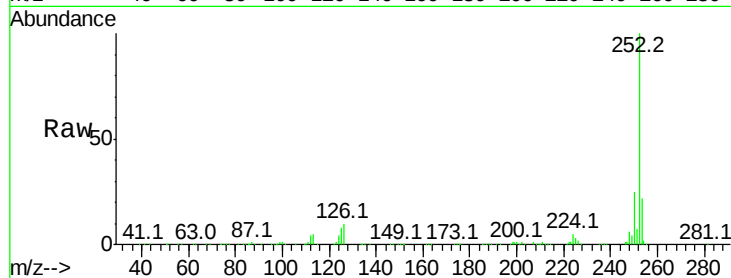
ClientSampleId :

PB89565BS

Tot Ion:	252	Resp:	555449
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.6	26.4
125	7.6	10.3	15.5#

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#88

Benzo(k)fluoranthene

Concen: 35.40 ng m

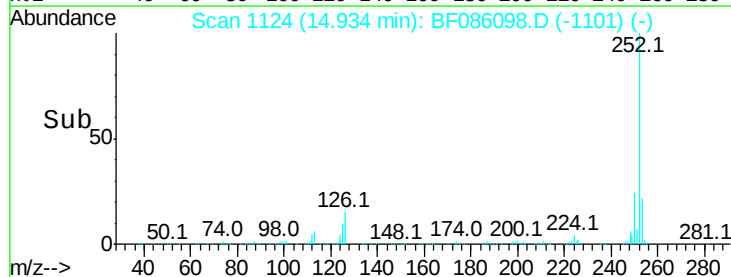
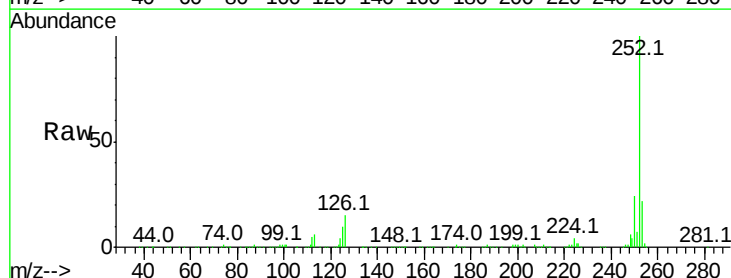
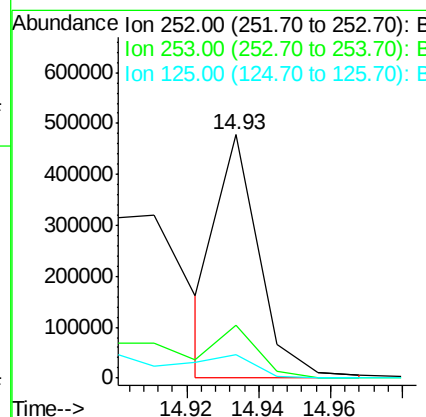
RT: 14.93 min Scan# 1124

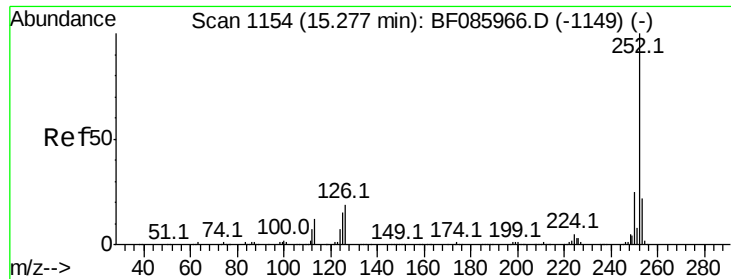
Delta R.T. -0.03 min

Lab File: BF086098.D

Acq: 6 Apr 2016 15:02

Tgt Ion:	252	Resp:	383677
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.8	26.6
125	9.7	7.7	11.5





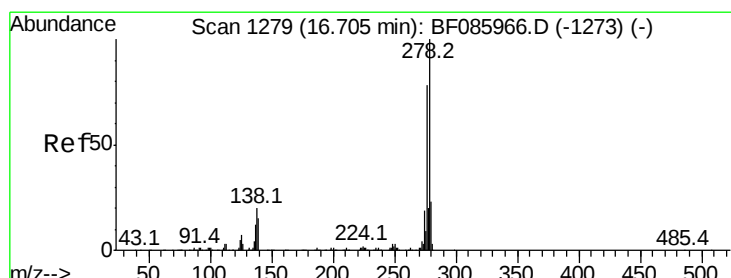
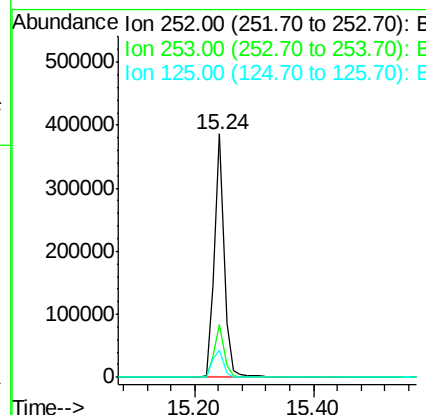
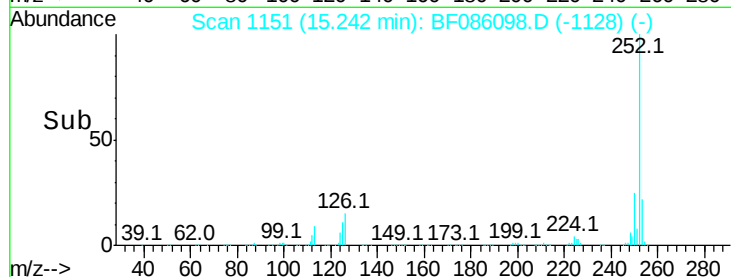
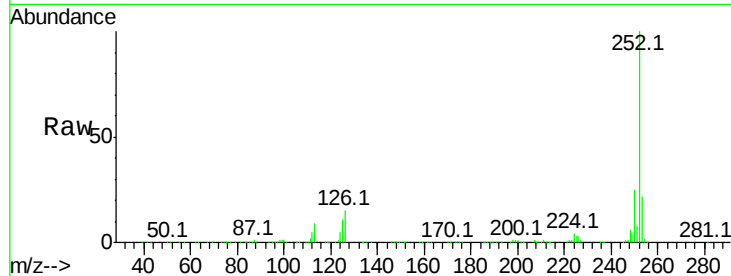
#89
Benzo(a)pyrene
Concen: 41.12 ng
RT: 15.24 min Scan# 1151
Delta R.T. -0.03 min
Lab File: BF086098.D
Acq: 6 Apr 2016 15:02

Instrument :
BNA_F
ClientSampleId :
PB89565BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.0
125	11.3	10.3	15.5

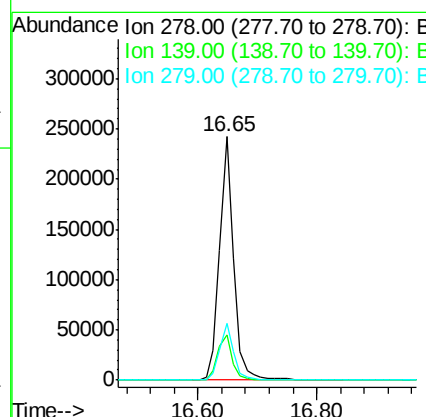
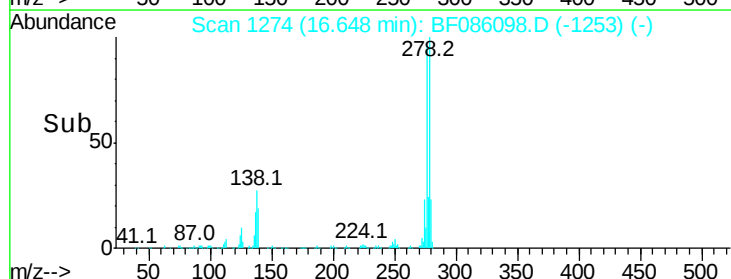
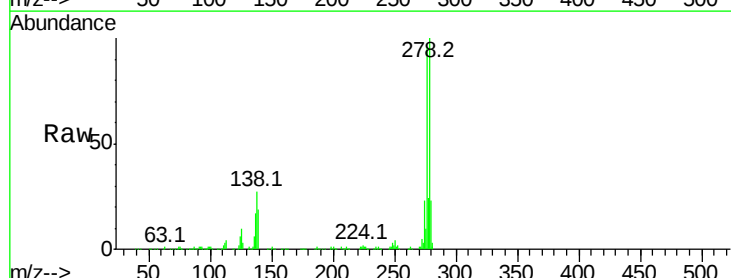
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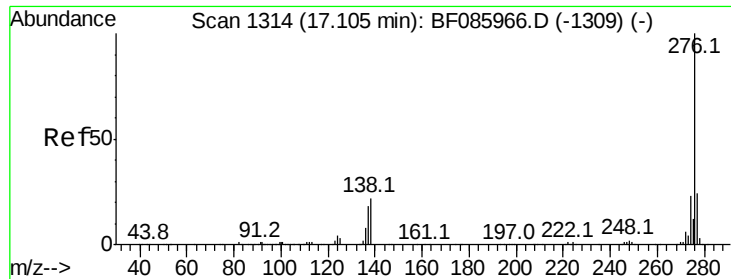
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#90
Dibenzo(a,h)anthracene
Concen: 46.00 ng
RT: 16.65 min Scan# 1274
Delta R.T. -0.06 min
Lab File: BF086098.D
Acq: 6 Apr 2016 15:02

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.7	14.4	21.6
279	23.4	19.1	28.7





#91
 Benzo(a,h,i)perylene
 Concen: 48.59 ng
 RT: 17.05 min Scan# 1309
 Delta R.T. -0.06 min
 Lab File: BF086098.D
 Acq: 6 Apr 2016 15:02

Instrument :
 BNA_F
 ClientSampleId :
 PB89565BS

Tot Ion:	276	Resp:	410291
Ion Ratio	Lower	Upper	
276	100		
277	23.8	18.8	28.2
138	22.9	22.6	34.0

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