

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040416\
 Data File : BF086038.D
 Acq On : 4 Apr 2016 15:03
 Operator : UM/SJ
 Sample : PB89407BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB89407BS

Manual Integrations
 APPROVED

Sohil
 4/5/2016 6:39:01 PM

Quant Time: Apr 05 01:23:47 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	6.76	152	119327	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	474053	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	229342	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	439484	20.00	ng	-0.01
75) Chrysene-d12	13.92	240	343917	20.00	ng	-0.01
86) Perylene-d12	15.32	264	310693	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	790208	113.19	ng	0.00
7) Phenol-d6	6.41	99	1018536	114.86	ng	-0.01
23) Nitrobenzene-d5	7.33	82	619577	77.08	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	254105	118.05	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	1166426	84.56	ng	-0.01
78) Terphenyl-d14	12.86	244	1080352	73.84	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.37	88	101714	30.73	ng	99
3) Pyridine	3.07	79	277916	37.51	ng	98
4) n-Nitrosodimethylamine	3.02	42	123591	37.93	ng	99
6) Aniline	6.43	93	210034	18.05	ng	# 67
8) 2-Chlorophenol	6.54	128	304628	36.59	ng	89
9) Benzaldehyde	6.32	77	130930	27.44	ng	90
10) Phenol	6.42	94	328307	32.46	ng	92
11) bis(2-Chloroethyl)ether	6.50	93	278154	34.73	ng	93
12) 1,3-Dichlorobenzene	6.70	146	322502	36.55	ng	98
13) 1,4-Dichlorobenzene	6.77	146	323861	35.63	ng	98
14) 1,2-Dichlorobenzene	6.93	146	307896	36.80	ng	100
15) Benzyl Alcohol	6.92	79	230497	40.18	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.05	45	344940	35.25	ng	88
17) 2-Methylphenol	7.04	107	261570	39.85	ng	97
18) Hexachloroethane	7.26	117	121397	36.31	ng	# 80
19) n-Nitroso-di-n-propylamine	7.18	70	203911	37.10	ng	97
20) 3+4-Methylphenols	7.18	107	326987	40.96	ng	97
22) Acetophenone	7.18	105	413744	37.13	ng	# 94
24) Nitrobenzene	7.36	77	330278	37.56	ng	# 86
25) Isophorone	7.60	82	605424	38.15	ng	# 94
26) 2-Nitrophenol	7.66	139	162930	38.72	ng	# 80
27) 2,4-Dimethylphenol	7.71	122	274590	36.33	ng	99
28) bis(2-Chloroethoxy)methane	7.80	93	360606	38.73	ng	98
29) 2,4-Dichlorophenol	7.92	162	254540	39.84	ng	98
30) 1,2,4-Trichlorobenzene	8.00	180	273079	38.08	ng	95
31) Naphthalene	8.06	128	869497	36.46	ng	99
32) Benzoic acid	7.86	122	168635	30.42	ng	99
33) 4-Chloroaniline	8.13	127	83300	8.65	ng	97
34) Hexachlorobutadiene	8.19	225	143281	37.16	ng	99
35) Caprolactam	8.50	113	88324m	43.58	ng	
36) 4-Chloro-3-methylphenol	8.62	107	308583	42.97	ng	96
37) 2-Methylnaphthalene	8.76	142	599716	38.50	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	246905	35.82	ng	99
40) Hexachlorocyclopentadiene	8.91	237	186170	76.12	ng	100

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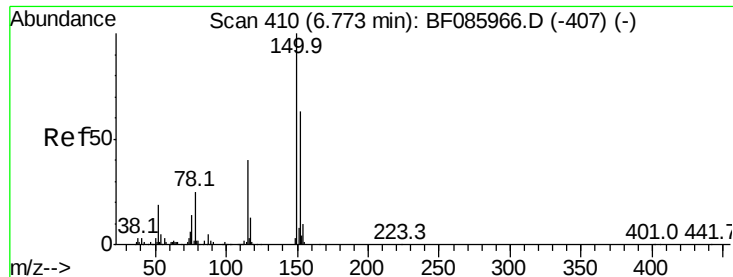
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	172537	38.98	nq	99
43) 2,4,5-Trichlorophenol	9.09	196	174414	38.81	nq	96
45) 1,1'-Biphenyl	9.22	154	697456	35.27	nq	99
46) 2-Chloronaphthalene	9.25	162	547684	38.21	nq	98
47) 2-Nitroaniline	9.36	65	176856	42.17	nq	86
48) Acenaphthylene	9.66	152	883190	38.46	nq	99
49) Dimethylphthalate	9.53	163	662671	38.98	nq	99
50) 2,6-Dinitrotoluene	9.60	165	148122	41.19	nq	89
51) Acenaphthene	9.84	154	528353	38.69	nq	98
52) 3-Nitroaniline	9.77	138	76247	17.59	nq	91
53) 2,4-Dinitrophenol	9.88	184	135235	62.01	nq #	84
54) Dibenzofuran	10.01	168	724776	40.19	nq	99
55) 4-Nitrophenol	9.95	139	218330	85.44	nq	83
56) 2,4-Dinitrotoluene	10.01	165	191579	42.16	nq #	73
57) Fluorene	10.35	166	610686	39.64	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.13	232	147248	44.01	nq	95
59) Diethylphthalate	10.22	149	644176	37.55	nq	97
60) 4-Chlorophenyl-phenylether	10.34	204	269845	37.60	nq	99
61) 4-Nitroaniline	10.38	138	170388	39.92	nq	96
62) Azobenzene	10.50	77	688550	41.90	nq	98
64) 4,6-Dinitro-2-methylphenol	10.42	198	101255	38.02	nq #	58
65) n-Nitrosodiphenylamine	10.46	169	540975	39.36	nq	99
66) 4-Bromophenyl-phenylether	10.83	248	177917	39.65	nq	98
67) Hexachlorobenzene	10.90	284	189191	40.77	nq	98
68) Atrazine	10.99	200	164884	37.13	nq	96
69) Pentachlorophenol	11.09	266	168220	77.36	nq	98
70) Phenanthrene	11.31	178	933204	38.92	nq	100
71) Anthracene	11.36	178	894981	35.63	nq	99
72) Carbazole	11.52	167	789893	36.59	nq	99
73) Di-n-butylphthalate	11.85	149	1052894	39.36	nq	100
74) Fluoranthene	12.50	202	958010	38.42	nq	89
76) Benzidine	12.61	184	315185	25.98	nq	99
77) Pyrene	12.72	202	944677	38.98	nq	99
79) Butylbenzylphthalate	13.34	149	449977	41.23	nq	97
80) Benzo(a)anthracene	13.91	228	792138	39.07	nq	100
81) 3,3'-Dichlorobenzidine	13.87	252	102732	6.94	nq	98
82) Chrysene	13.95	228	768129	39.34	nq	100
83) Bis(2-ethylhexyl)phthalate	13.89	149	565118	39.02	nq	99
84) Di-n-octyl phthalate	14.51	149	1032868	44.66	nq	99
85) Indeno(1,2,3-cd)pyrene	16.68	276	599957	37.87	nq	99
87) Benzo(b)fluoranthene	14.92	252	928087m	47.49	nq	
88) Benzo(k)fluoranthene	14.96	252	528379m	30.53	nq	
89) Benzo(a)pyrene	15.27	252	687344	39.69	nq	99
90) Dibenzo(a,h)anthracene	16.68	278	509285	36.55	nq	99
91) Benzo(g,h,i)perylene	17.08	276	474278	35.18	nq	94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF086038.D

Acq: 4 Apr 2016 15:03

Instrument :

BNA_F

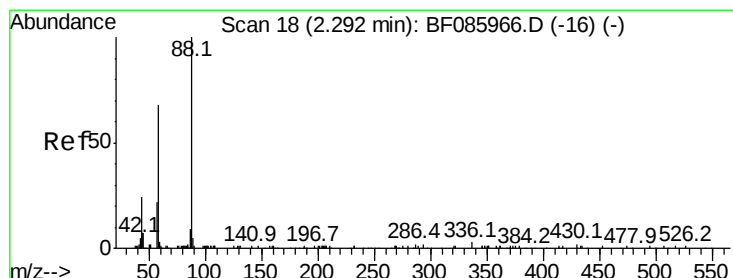
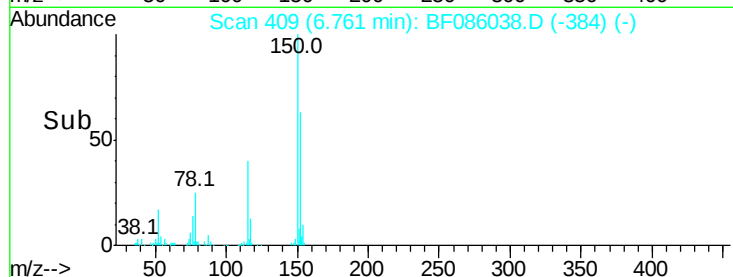
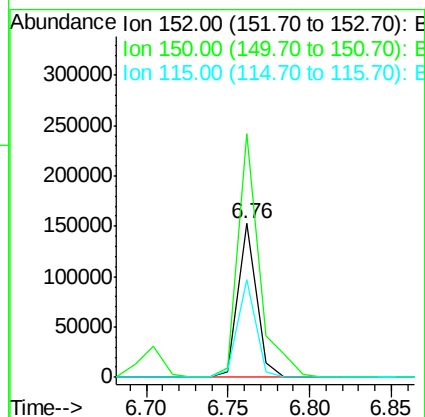
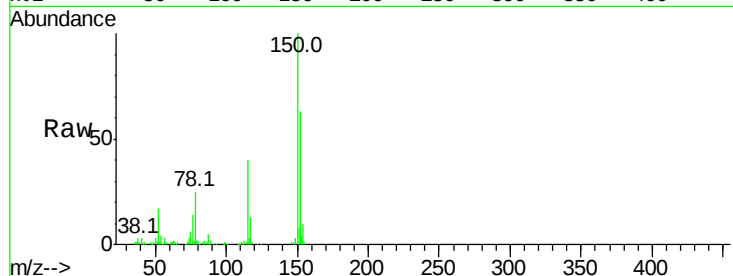
ClientSampleId :

PB89407BS

Manual Integrations
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Tot Ion:	152	Resp:	119327
Ion Ratio	Lower	Upper	
152	100		
150	158.3	124.2	186.2
115	63.3	47.0	70.6



#2

1,4-Dioxane

Concen: 30.73 ng

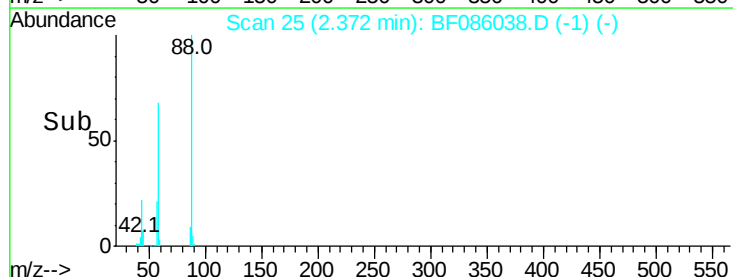
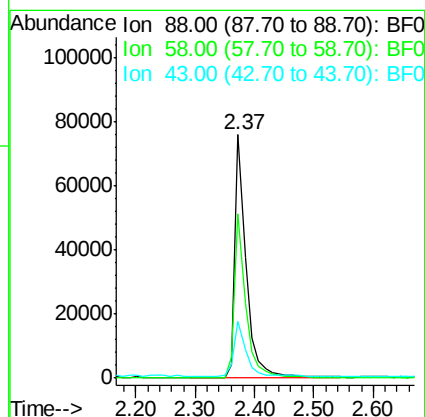
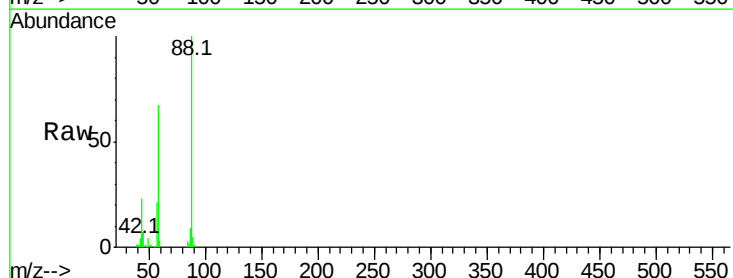
RT: 2.37 min Scan# 25

Delta R.T. 0.08 min

Lab File: BF086038.D

Acq: 4 Apr 2016 15:03

Tgt Ion:	88	Resp:	101714
Ion Ratio	Lower	Upper	
88	100		
58	67.4	54.2	81.2
43	23.7	19.3	28.9





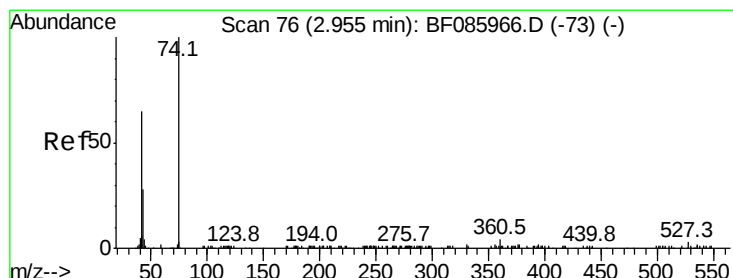
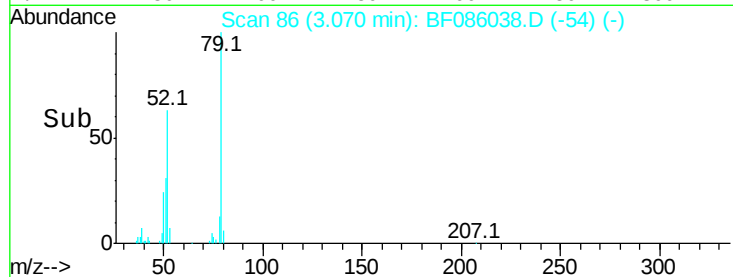
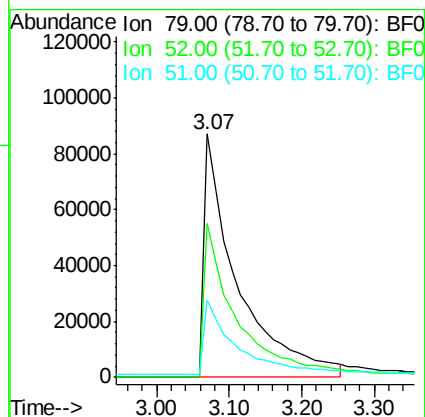
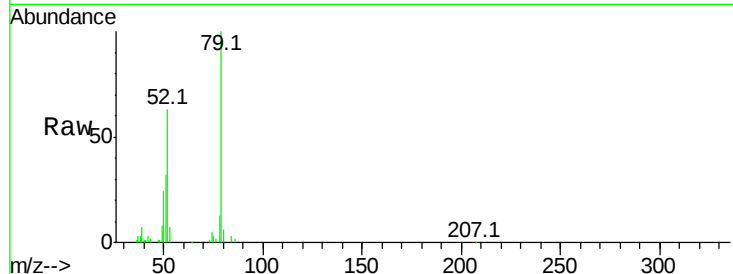
#3
Pvridine
Concen: 37.51 ng
RT: 3.07 min Scan# 86
Delta R.T. 0.07 min
Lab File: BF086038.D
Acq: 4 Apr 2016 15:03

Instrument :
BNA_F
ClientSampleId :
PB89407BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100	277916		
52	52	63.5		49.8	74.6
51	51	31.9		24.7	37.1

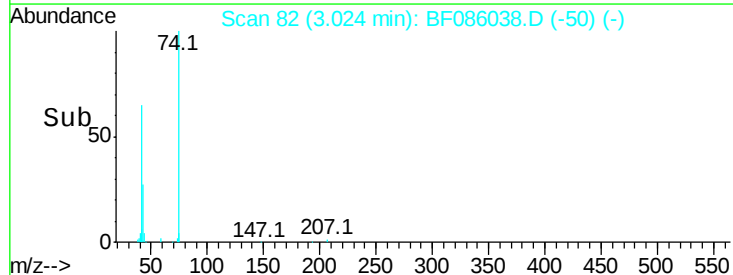
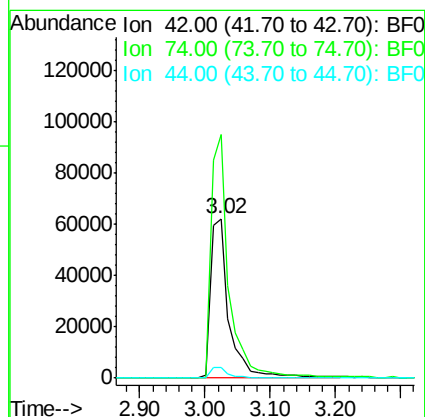
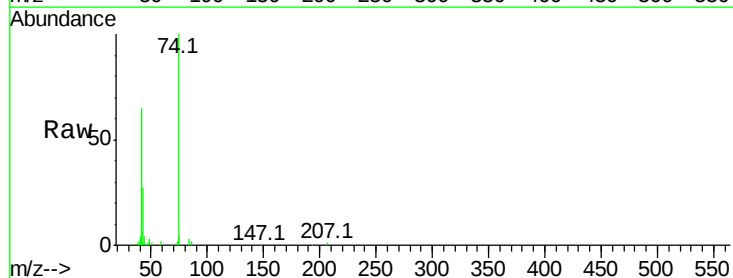
Manual Integrations
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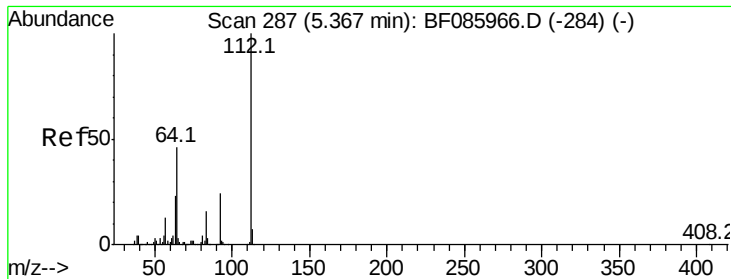
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#4
n-Nitrosodimethylamine
Concen: 37.93 ng
RT: 3.02 min Scan# 82
Delta R.T. 0.07 min
Lab File: BF086038.D
Acq: 4 Apr 2016 15:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100	123591		
74	74	152.9		121.4	182.2
44	44	6.8		5.6	8.4





#5

2-Fluorophenol

Concen: 113.19 ng

RT: 5.37 min Scan# 287

Delta R.T. -0.00 min

Lab File: BF086038.D

Acq: 4 Apr 2016 15:03

Instrument :

BNA_F

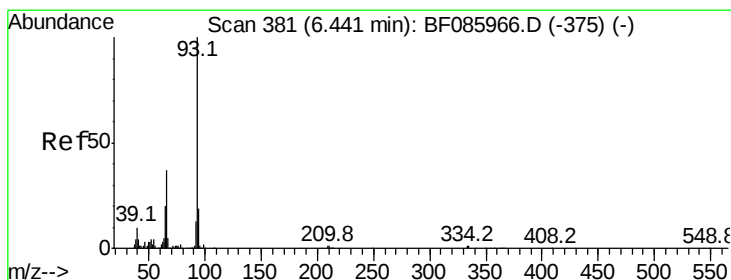
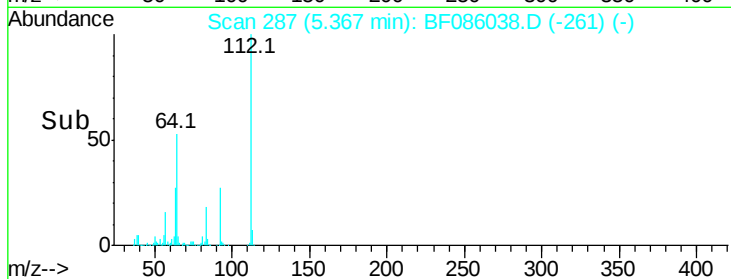
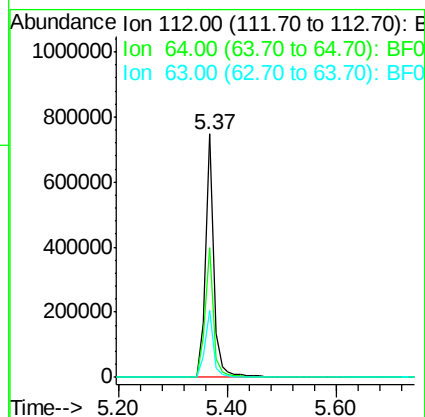
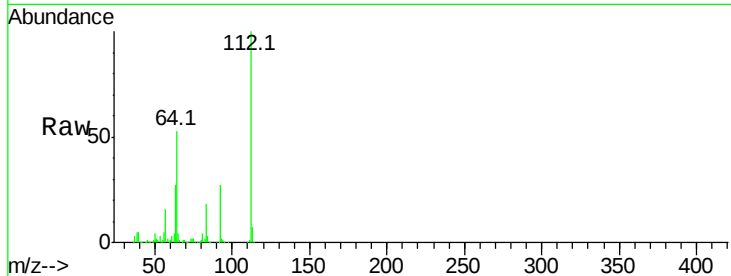
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Tot Ion	Ratio	Resp	Lower	Upper
112	100	790208		
64	53.5	39.9	59.9	
63	27.5	20.2	30.2	



#6

Aniline

Concen: 18.05 ng

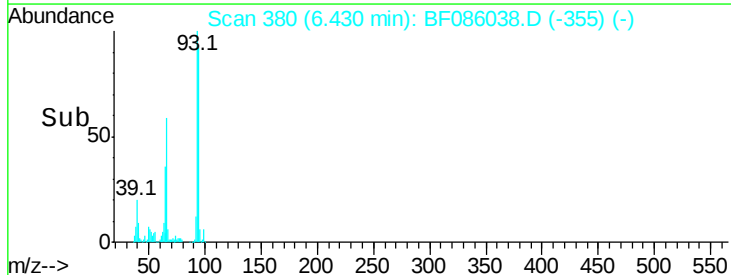
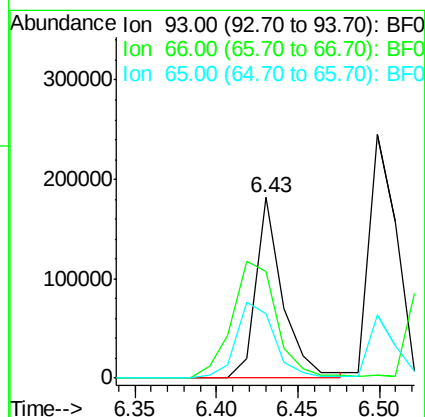
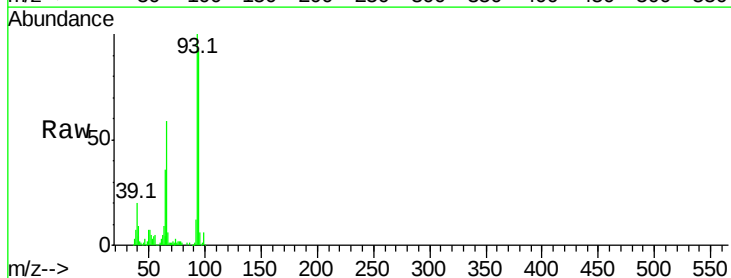
RT: 6.43 min Scan# 380

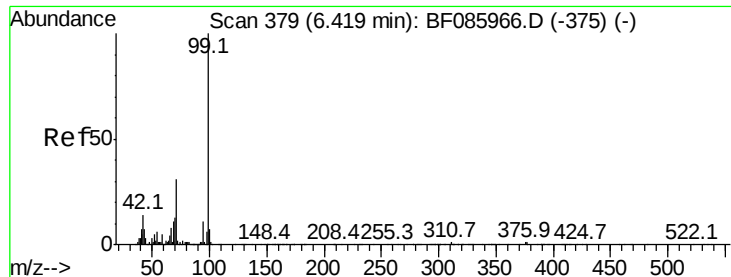
Delta R.T. -0.01 min

Lab File: BF086038.D

Acq: 4 Apr 2016 15:03

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	210034		
66	59.1	31.4	47.2#	
65	35.8	15.7	23.5#	





#7

Phenol-d6

Concen: 114.86 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF086038.D

Acq: 4 Apr 2016 15:03

Instrument :

BNA_F

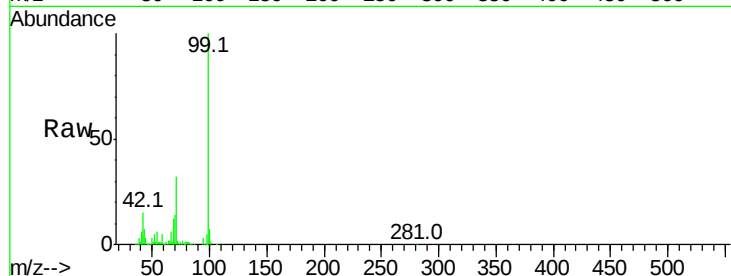
ClientSampleId :

PB89407BS

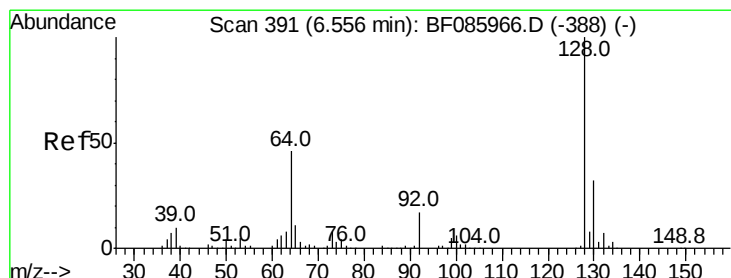
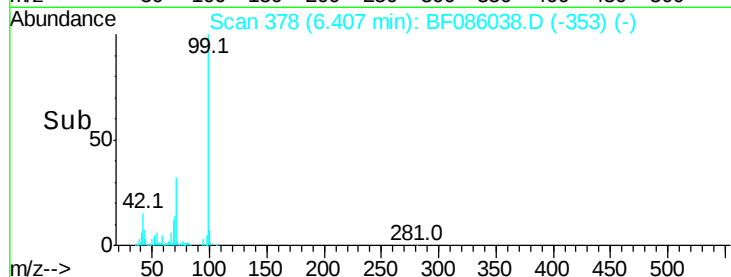
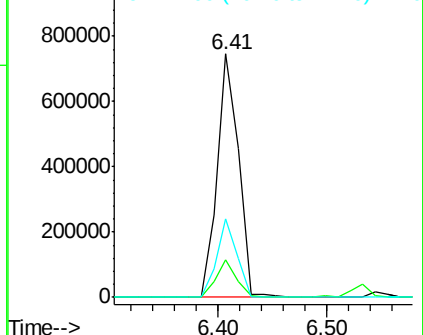
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Tot Ion	Ion	Ratio	Lower	Upper
99	100			
42	15.4	11.1	16.7	
71	32.5	24.9	37.3	



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 36.59 ng

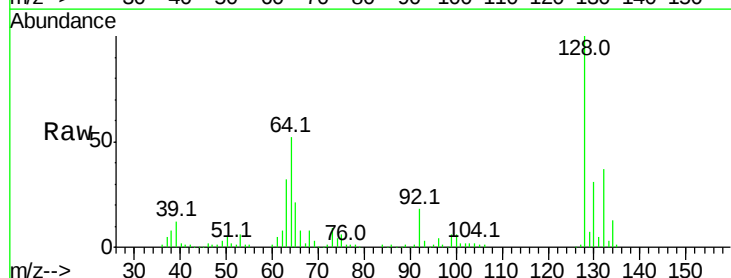
RT: 6.54 min Scan# 390

Delta R.T. -0.01 min

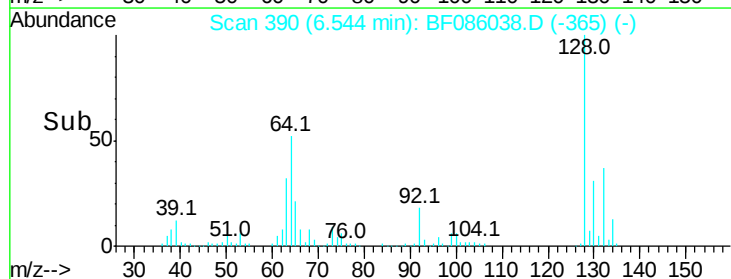
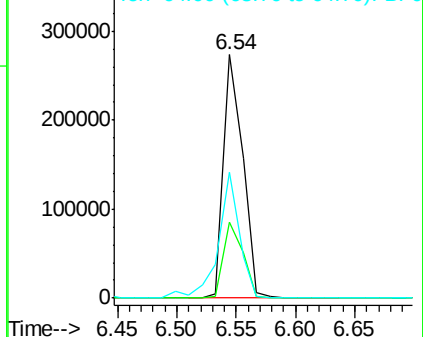
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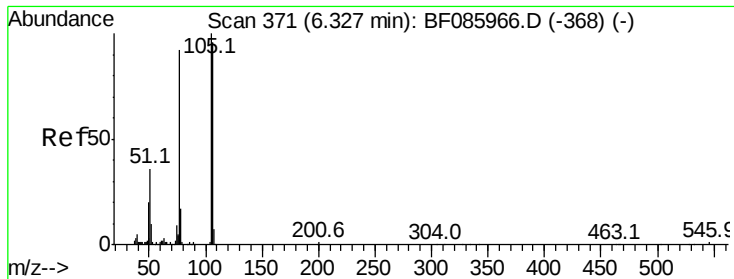
Acq: 4 Apr 2016 15:03

Tgt Ion	Ion	Ratio	Lower	Upper
128	100			
130	31.4	12.9	52.9	
64	51.5	20.2	60.2	



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 27.44 ng

RT: 6.32 min Scan# 370

Delta R.T. -0.01 min

Lab File: BF086038.D

Acq: 4 Apr 2016 15:03

Instrument :

BNA_F

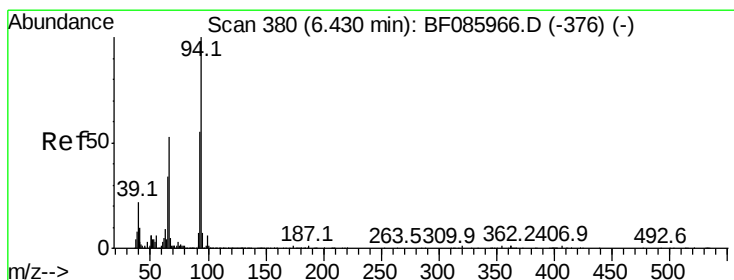
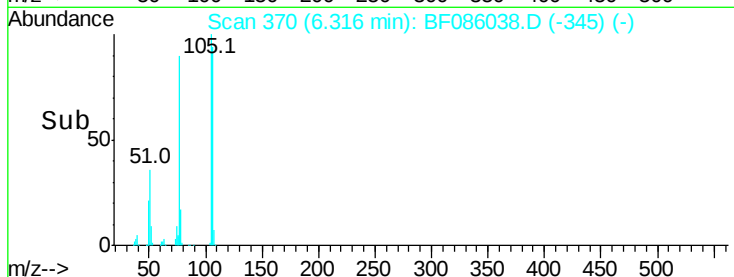
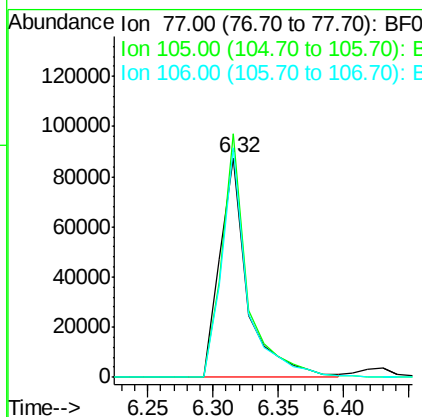
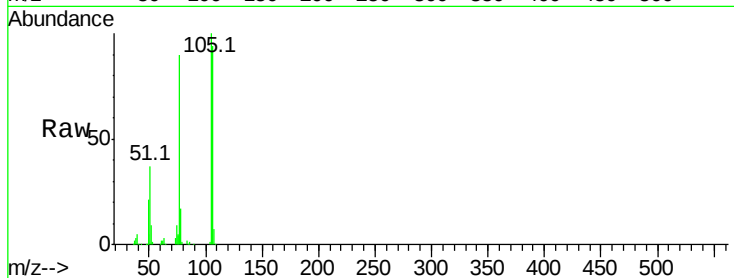
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Tot Ion	Ratio	Lower	Upper
77	100		
105	110.9	80.1	120.1
106	104.5	75.0	115.0



#10

Phenol

Concen: 32.46 ng

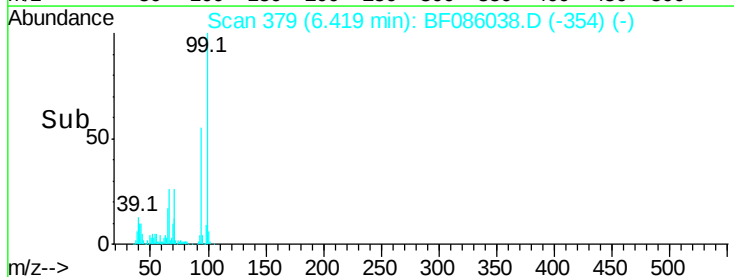
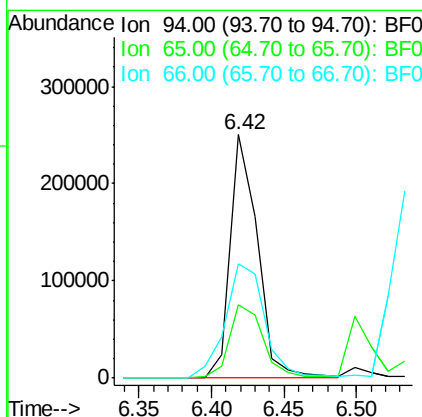
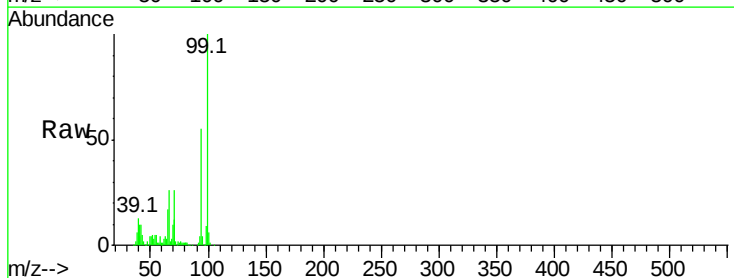
RT: 6.42 min Scan# 379

Delta R.T. -0.01 min

Lab File: BF086038.D

Acq: 4 Apr 2016 15:03

Tgt Ion	Ratio	Lower	Upper
94	100		
65	30.3	8.6	48.6
66	46.8	20.0	60.0





#11

bis(2-Chloroethyl)ether

Concen: 34.73 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF086038.D

Acq: 4 Apr 2016 15:03

Instrument :

BNA_F

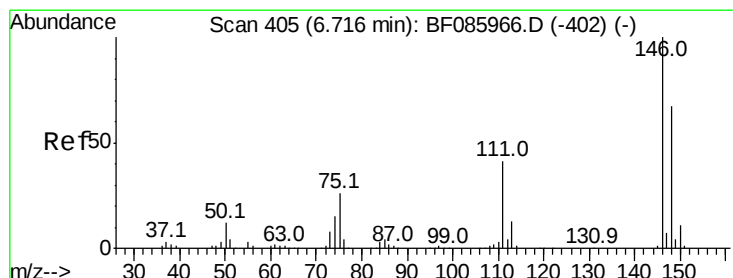
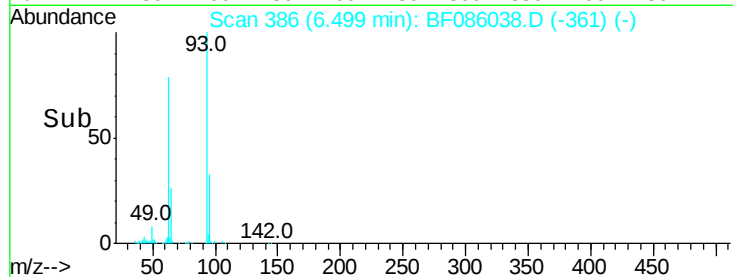
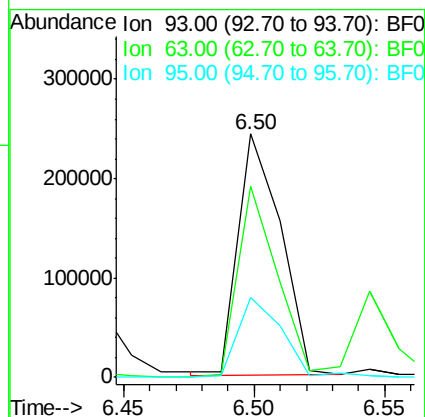
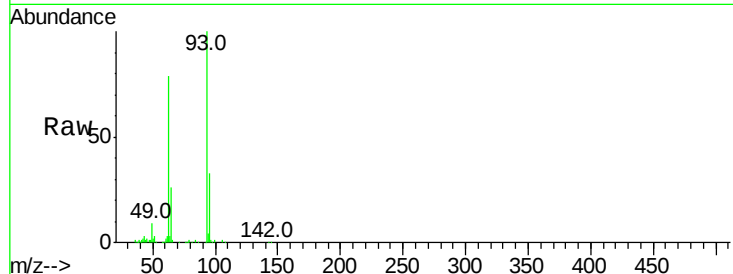
ClientSampleId :

PB89407BS

Tot Ion	93	Resp	278154
Ion Ratio	Lower	Upper	
93	100		
63	78.6	50.9	90.9
95	32.5	13.3	53.3

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#12

1,3-Dichlorobenzene

Concen: 36.55 ng

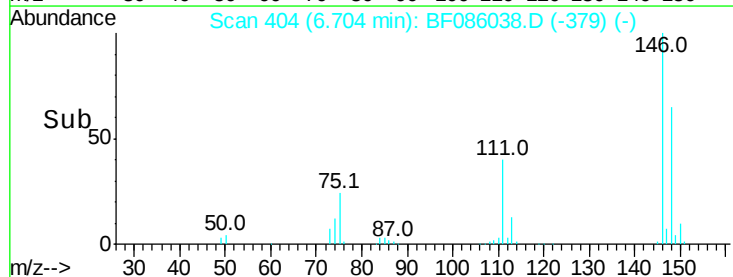
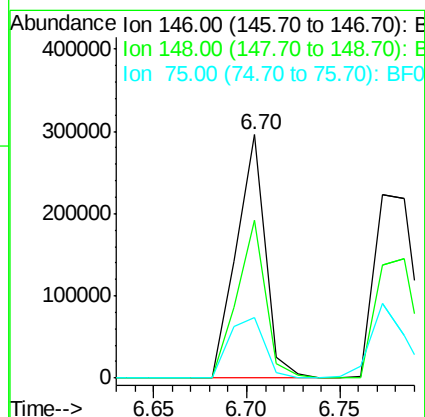
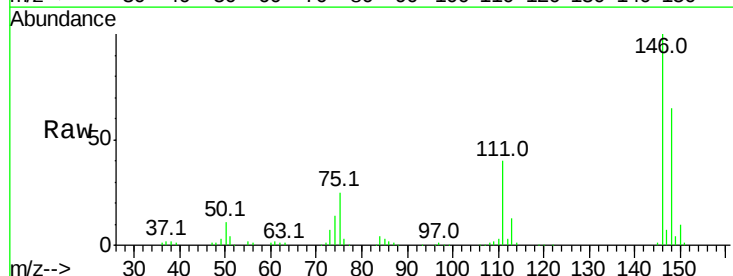
RT: 6.70 min Scan# 404

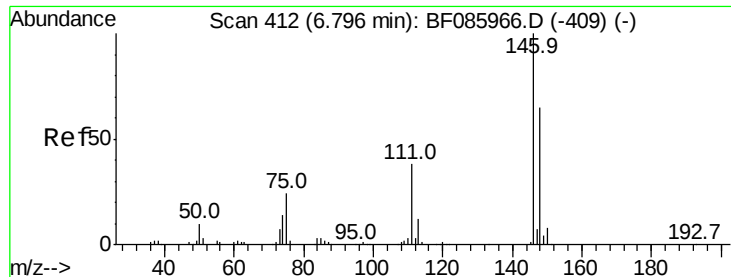
Delta R.T. -0.01 min

Lab File: BF086038.D

Acq: 4 Apr 2016 15:03

Tgt Ion	146	Resp	322502
Ion Ratio	Lower	Upper	
146	100		
148	64.6	52.3	78.5
75	24.9	17.4	26.2





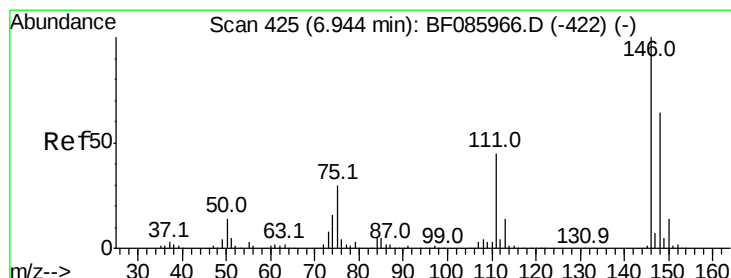
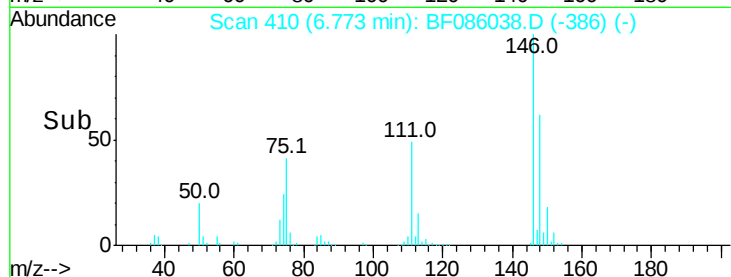
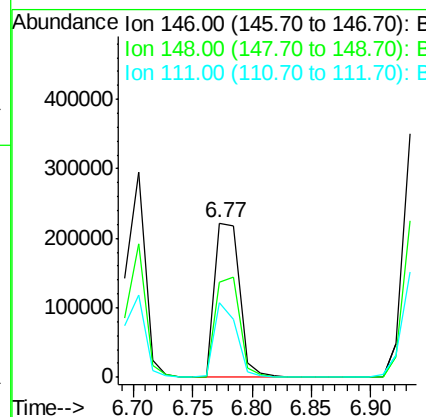
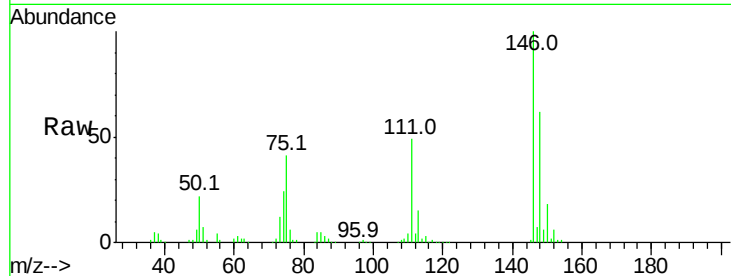
#13
1,4-Dichlorobenzene
Concen: 35.63 ng
RT: 6.77 min Scan# 410
Delta R.T. -0.02 min
Lab File: BF086038.D
Acq: 4 Apr 2016 15:03

Instrument :
BNA_F
ClientSampleId :
PB89407BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	61.8	50.6	76.0
111	48.7	37.8	56.6

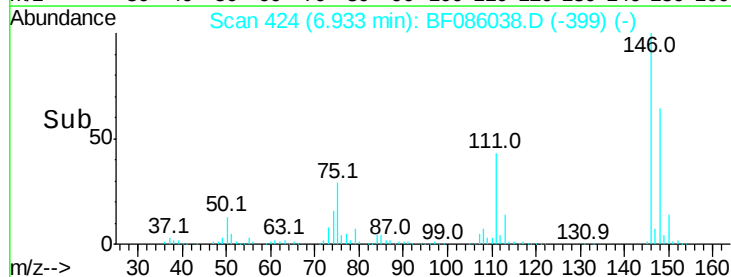
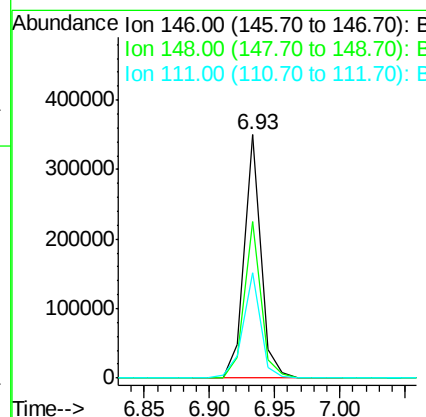
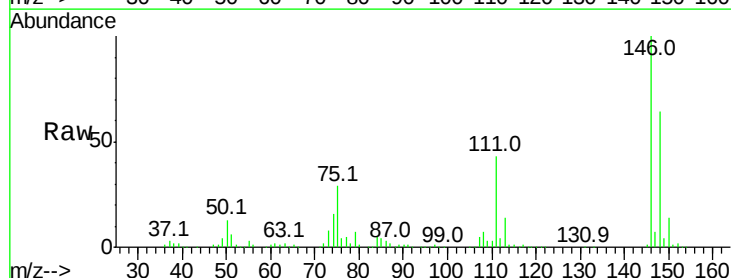
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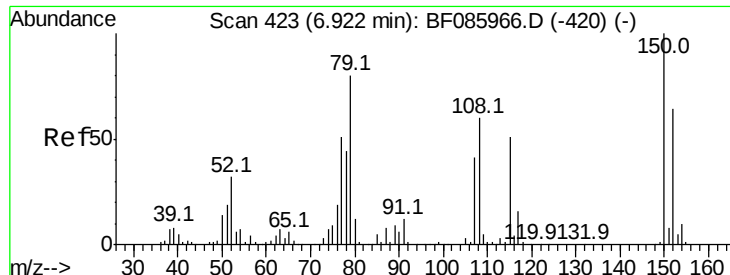
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#14
1,2-Dichlorobenzene
Concen: 36.80 ng
RT: 6.93 min Scan# 424
Delta R.T. -0.01 min
Lab File: BF086038.D
Acq: 4 Apr 2016 15:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.4	77.2
111	43.1	34.6	52.0





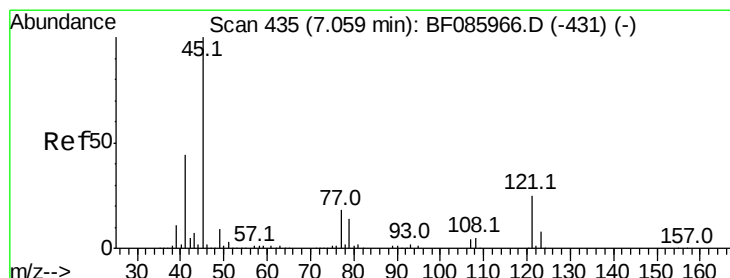
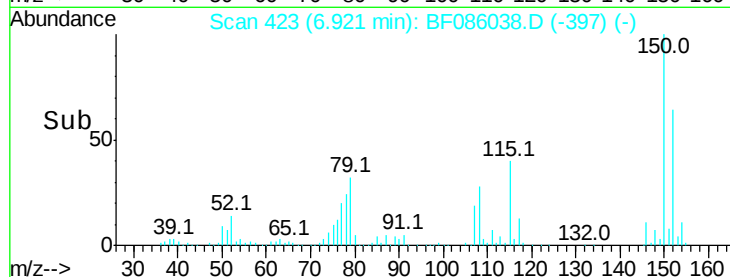
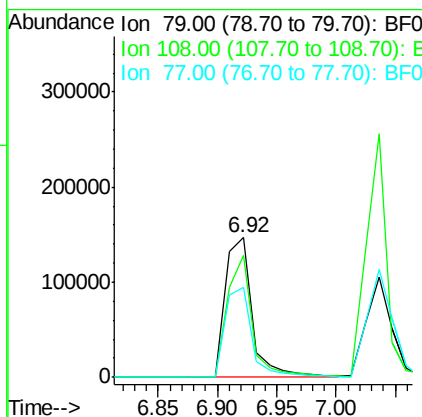
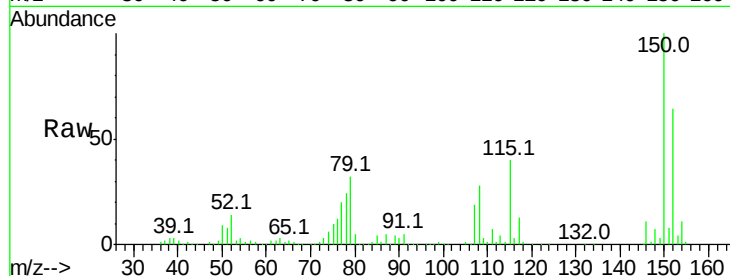
#15
Benzyl Alcohol
Concen: 40.18 ng
RT: 6.92 min Scan# 423
Delta R.T. -0.00 min
Lab File: BF086038.D
Acq: 4 Apr 2016 15:03

Instrument :
BNA_F
ClientSampleId :
PB89407BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	87.9	61.8	92.6
77	64.7	49.6	74.4

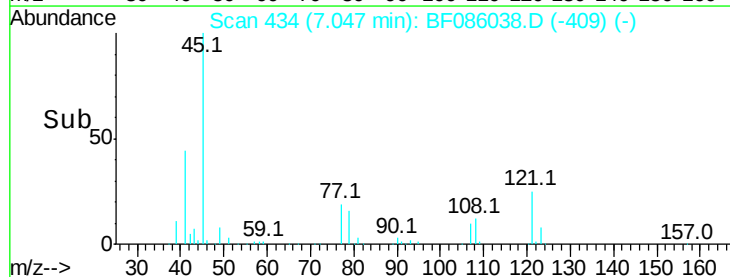
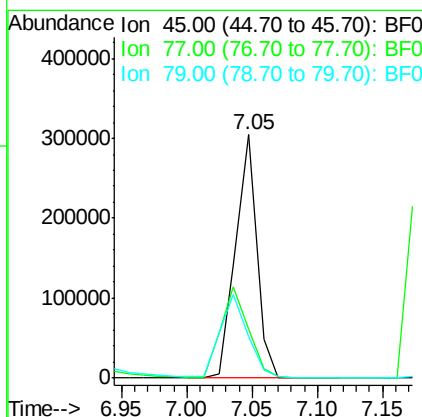
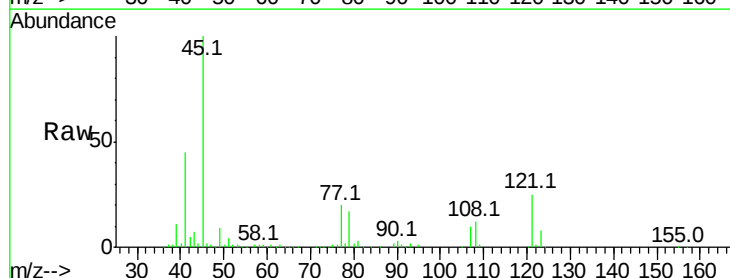
Manual Integrations
APPROVED

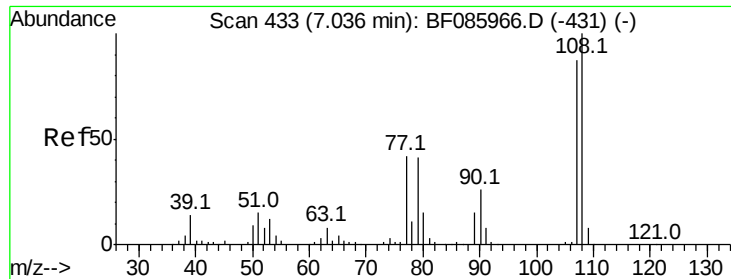
Sohil
4/5/2016 6:39:01 PM



#16
2,2'-oxybis(1-chloropropane)
Concen: 35.25 ng
RT: 7.05 min Scan# 434
Delta R.T. -0.01 min
Lab File: BF086038.D
Acq: 4 Apr 2016 15:03

Tgt Ion	Ratio	Lower	Upper
45	100		
77	20.4	0.0	35.7
79	17.0	0.0	32.2





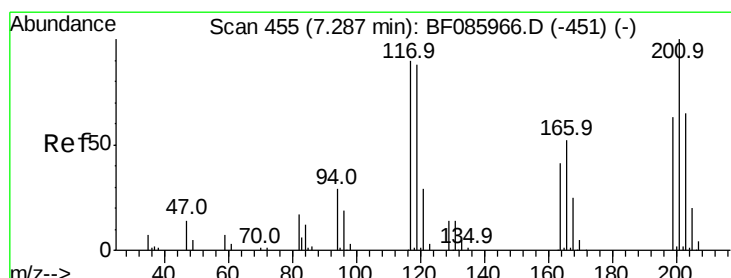
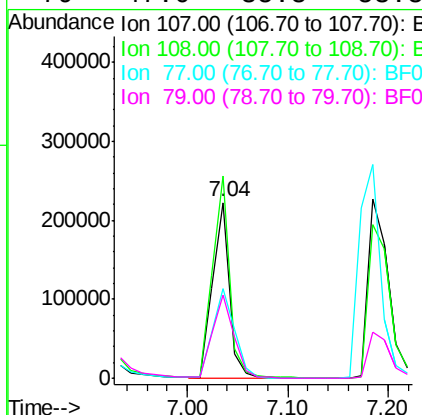
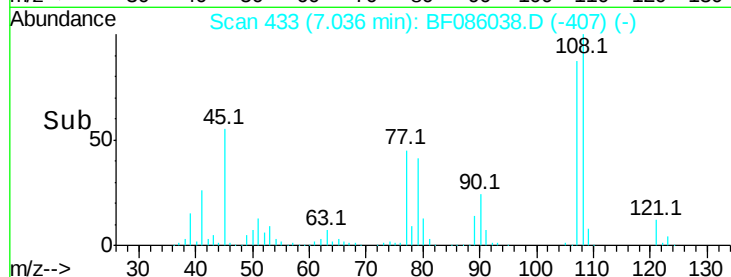
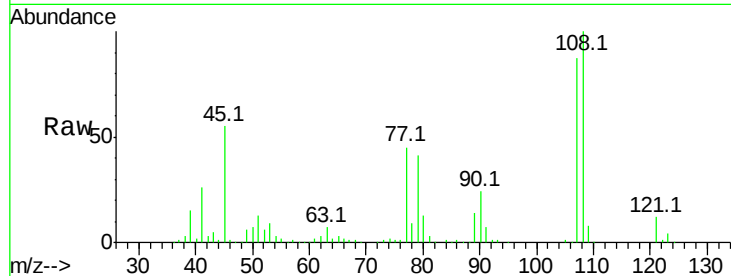
#17
2-Methylphenol
Concen: 39.85 ng
RT: 7.04 min Scan# 433
Delta R.T. -0.00 min
Lab File: BF086038.D
Acq: 4 Apr 2016 15:03

Instrument :
BNA_F
ClientSampleId :
PB89407BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	261570		
108	114.9	91.4	137.0	
77	51.2	36.2	54.2	
79	47.0	35.8	53.8	

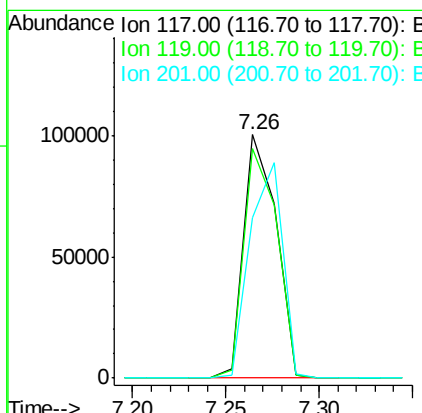
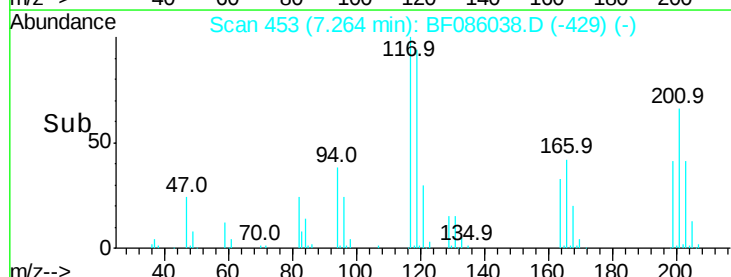
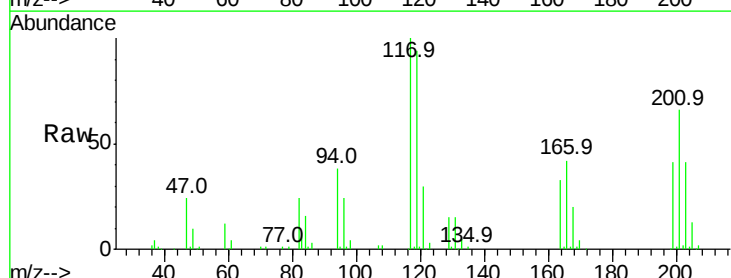
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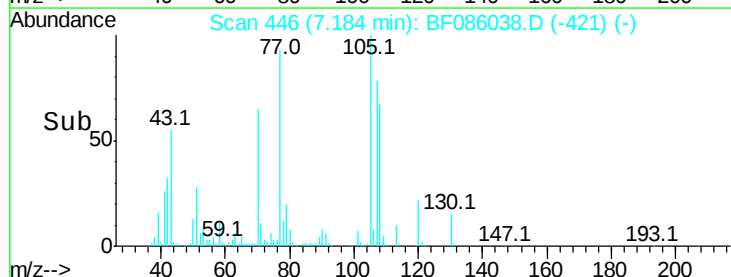
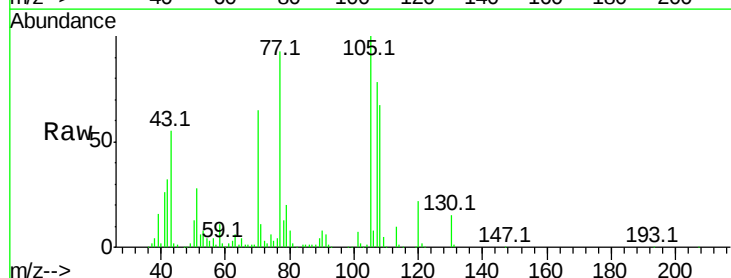
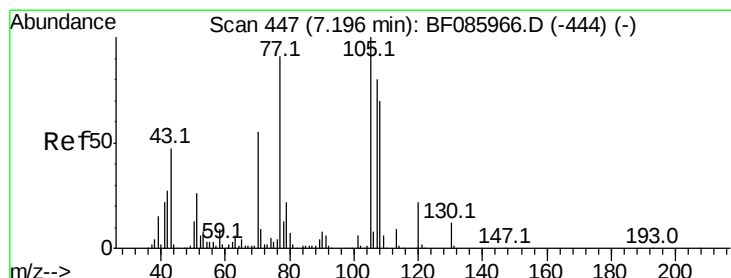
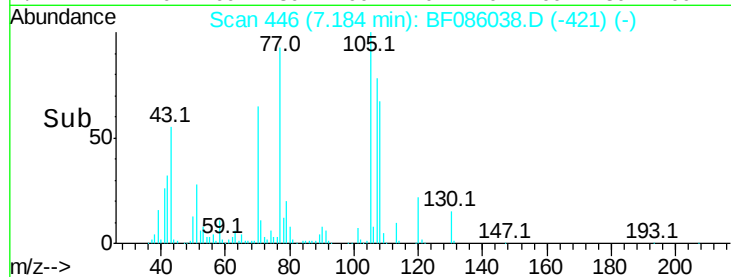
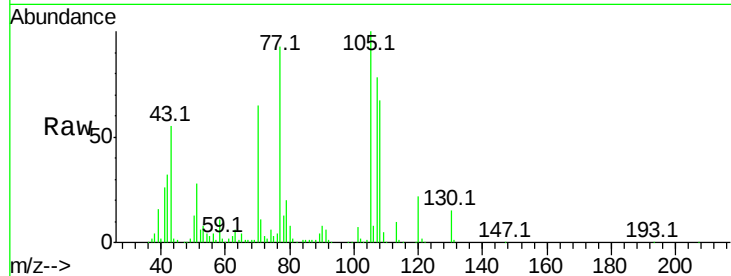
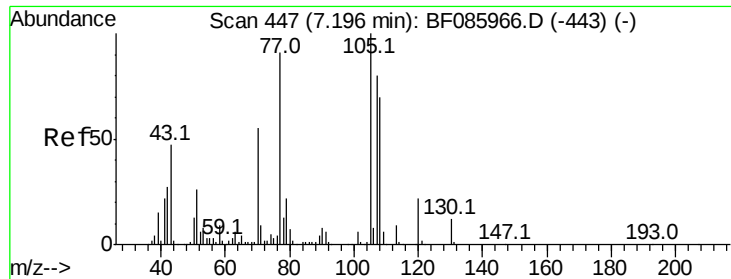
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#18
Hexachloroethane
Concen: 36.31 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.02 min
Lab File: BF086038.D
Acq: 4 Apr 2016 15:03

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	121397		
119	94.5	76.7	115.1	
201	66.0	83.3	124.9#	

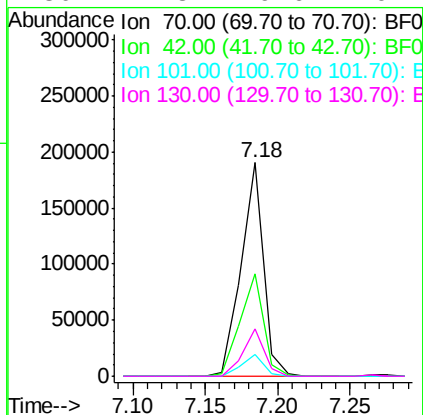




#19
n-Nitroso-di-n-propylamine
Concen: 37.10 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF086038.D
Acq: 4 Apr 2016 15:03

Instrument :
BNA_F
ClientSampleId :
PB89407BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	48.2	37.1	55.7
101	10.0	8.6	12.8
130	22.3	19.6	29.4

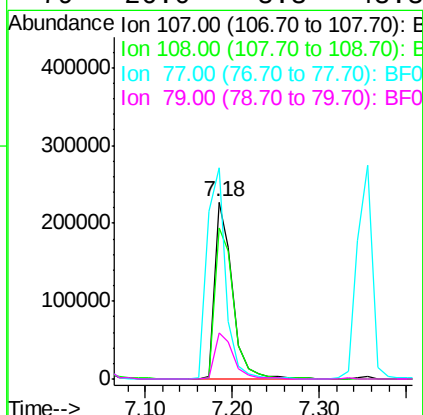


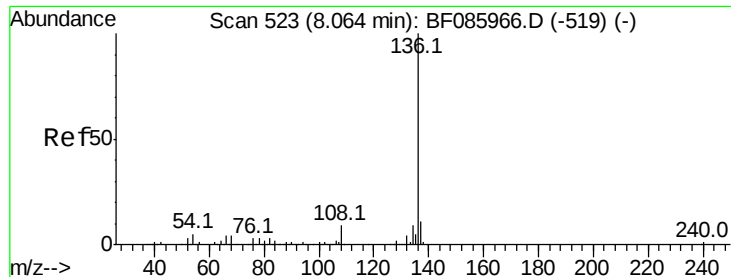
Manual Integrations
APPROVED

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#20
3+4-Methylphenols
Concen: 40.96 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF086038.D
Acq: 4 Apr 2016 15:03

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.4	69.3	109.3
77	119.0	101.7	141.7
79	26.0	8.3	48.3





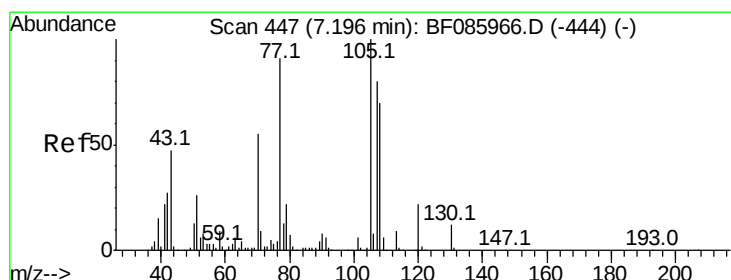
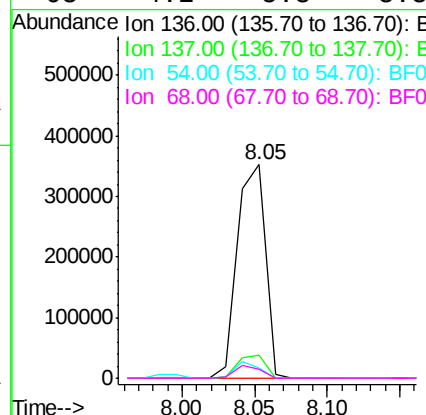
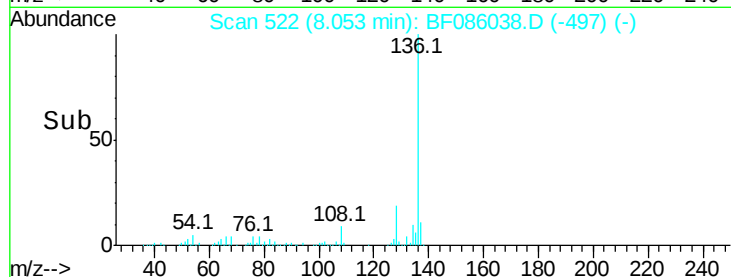
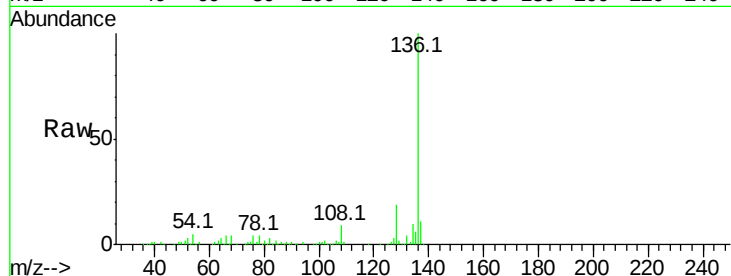
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF086038.D
Acq: 4 Apr 2016 15:03

Instrument :
BNA_F
ClientSampleId :
PB89407BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	9.1	13.7	
54	4.8	7.4	11.0	
68	4.2	5.8	8.8	

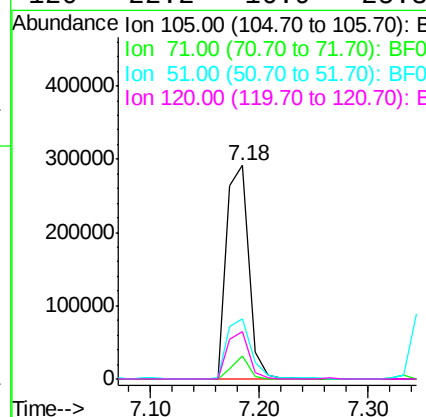
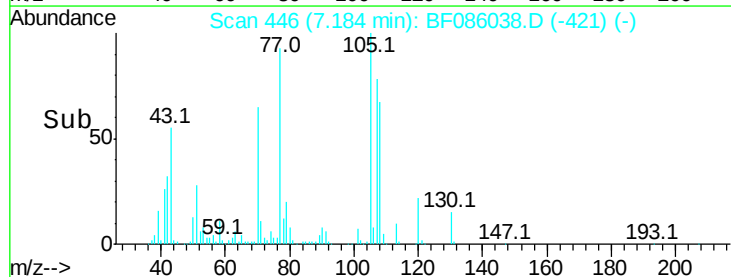
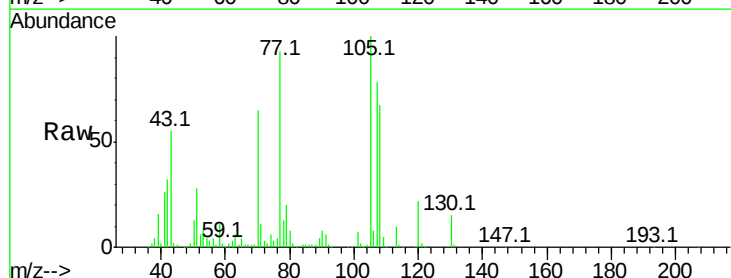
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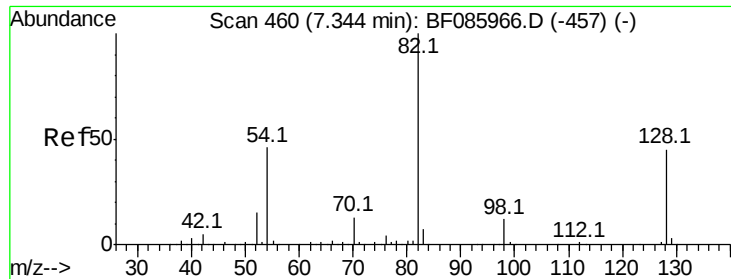
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#22
Acetophenone
Concen: 37.13 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF086038.D
Acq: 4 Apr 2016 15:03

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	10.8	3.6	5.4	
51	28.3	25.4	38.0	
120	22.2	16.9	25.3	





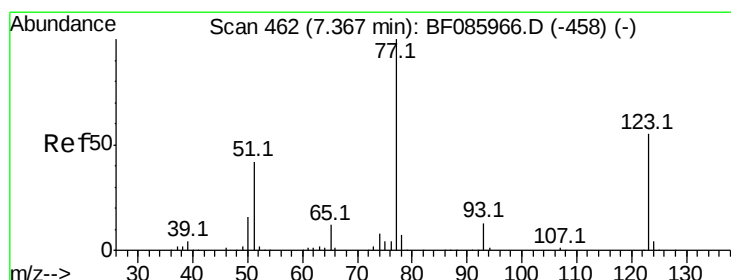
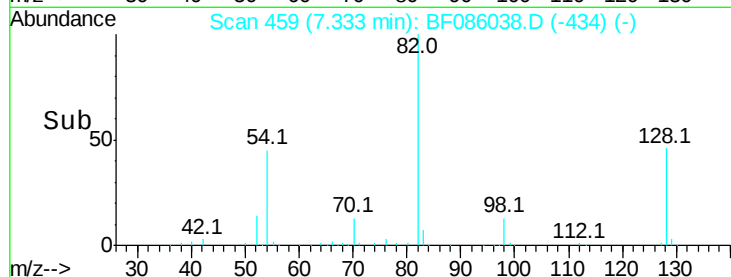
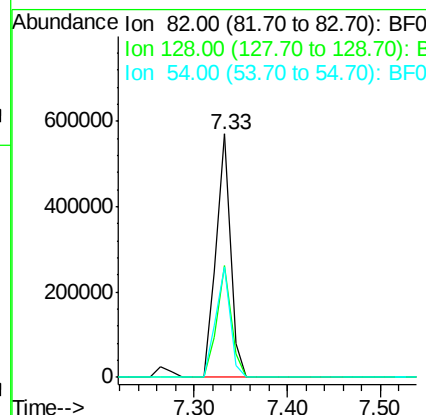
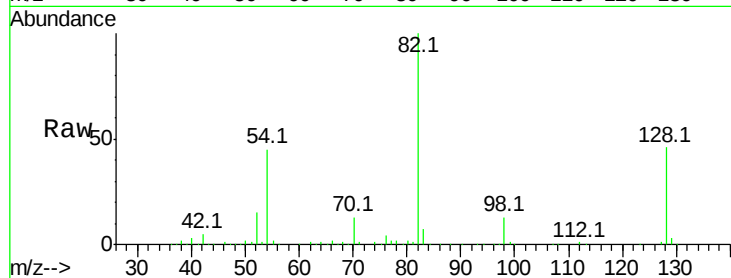
#23
 Nitrobenzene-d5
 Concen: 77.08 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: BF086038.D
 Acq: 4 Apr 2016 15:03

Instrument :
 BNA_F
 ClientSampleId :
 PB89407BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	619577		
128	45.7		41.8	62.8
54	45.1		33.4	50.0

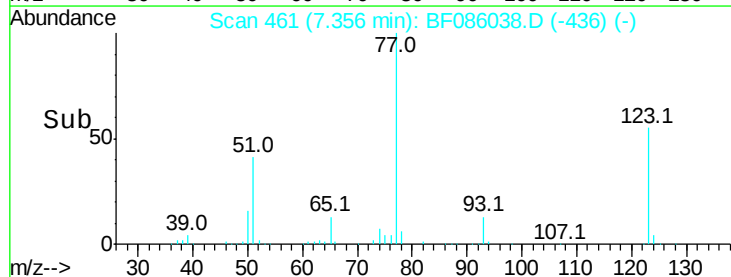
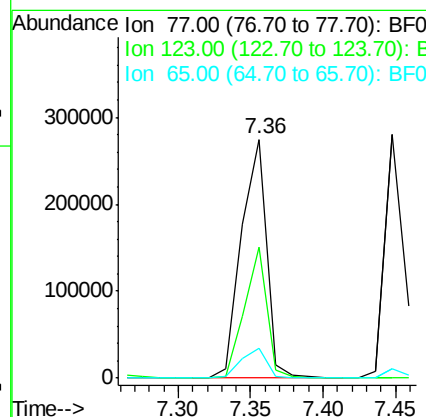
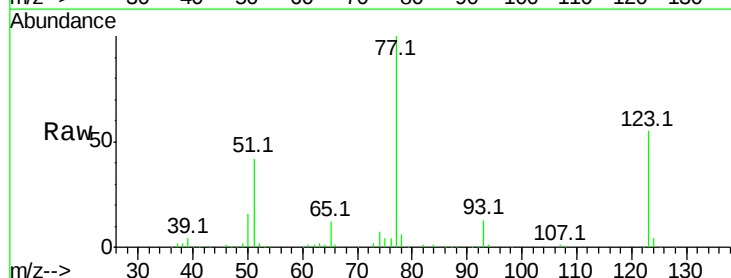
Manual Integrations
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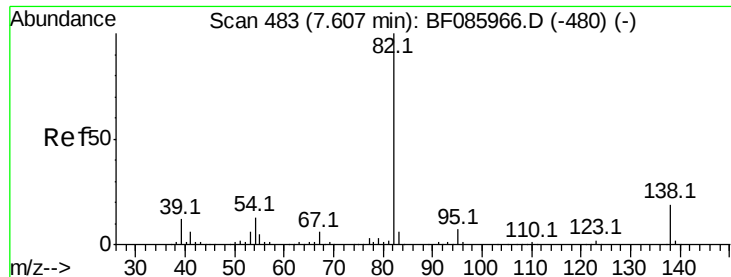
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#24
 Nitrobenzene
 Concen: 37.56 ng
 RT: 7.36 min Scan# 461
 Delta R.T. -0.01 min
 Lab File: BF086038.D
 Acq: 4 Apr 2016 15:03

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	330278		
123	54.7		35.0	52.4#
65	12.4		10.6	16.0





#25

Isophorone

Concen: 38.15 ng

RT: 7.60 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF086038.D

Acq: 4 Apr 2016 15:03

Instrument :

BNA_F

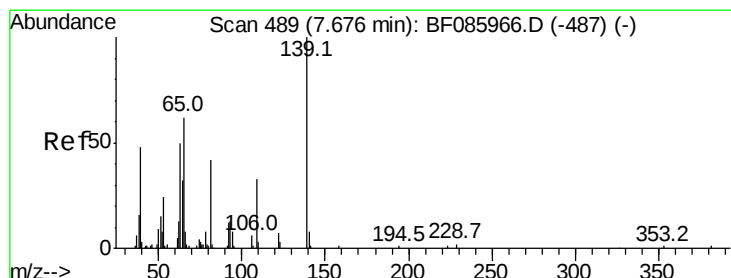
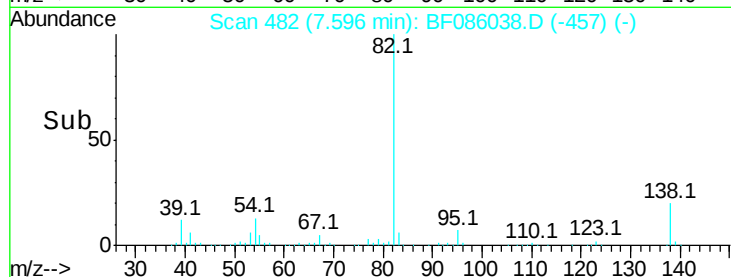
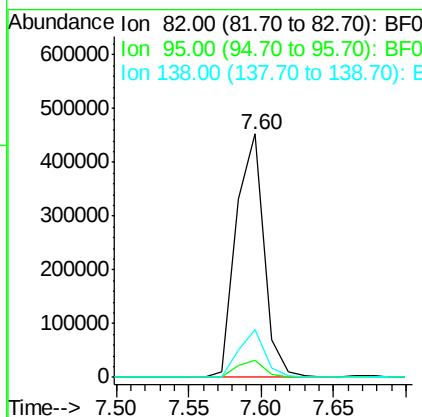
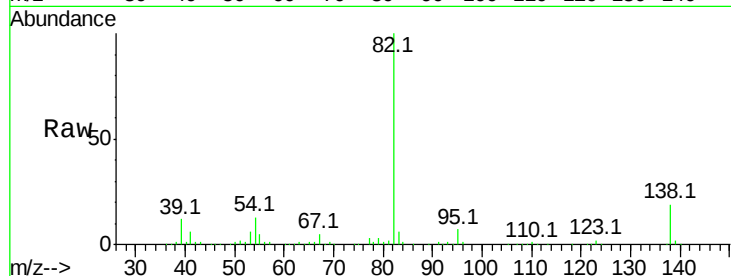
ClientSampleId :

PB89407BS

Tot Ion:	82	Resp:	605424
Ion Ratio	Lower	Upper	
82	100		
95	7.3	5.4	8.2
138	19.5	12.9	19.3#

Manual Integrations
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4/5/2016 6:39:01 PM



#26

2-Nitrophenol

Concen: 38.72 ng

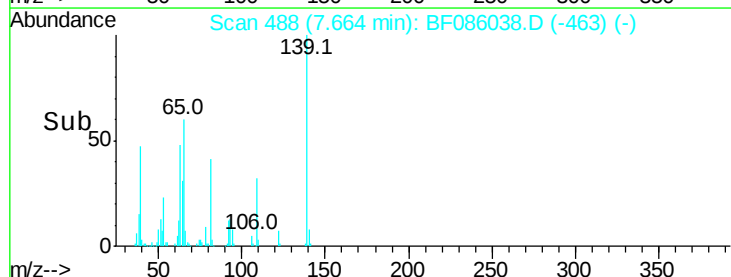
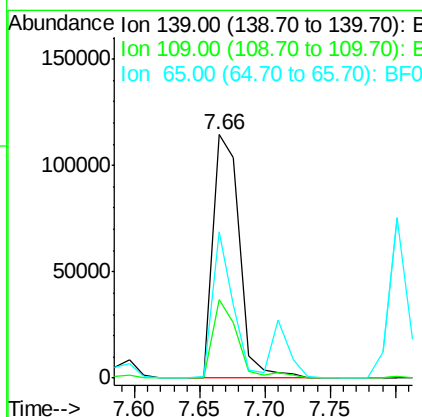
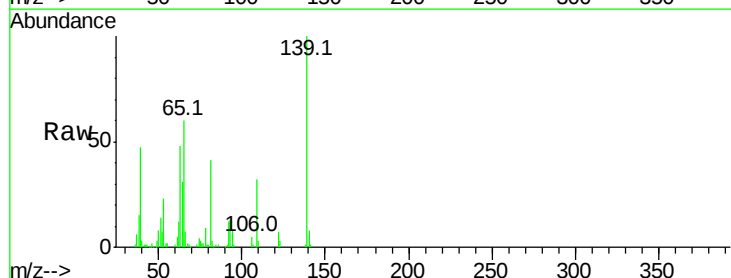
RT: 7.66 min Scan# 488

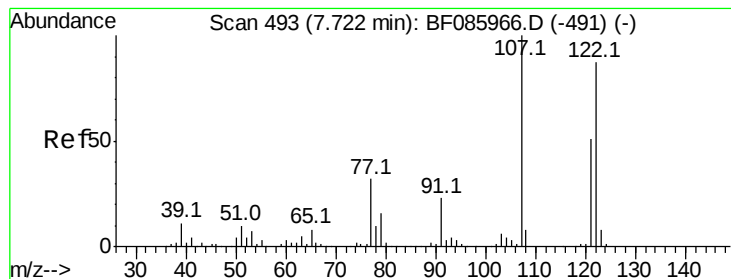
Delta R.T. -0.01 min

Lab File: BF086038.D

Acq: 4 Apr 2016 15:03

Tgt Ion:	139	Resp:	162930
Ion Ratio	Lower	Upper	
139	100		
109	32.3	22.1	33.1
65	60.1	33.9	50.9#





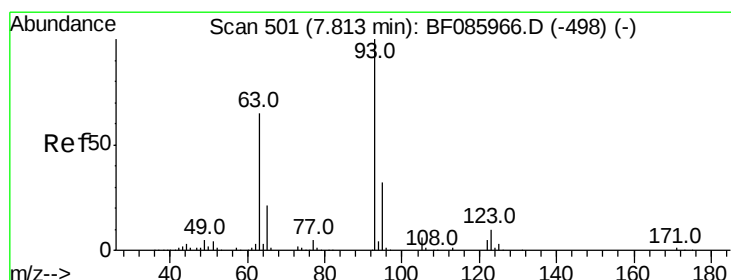
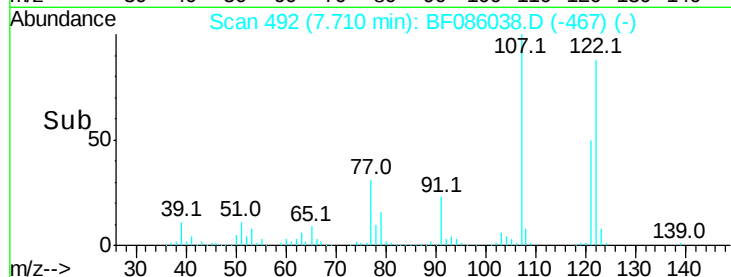
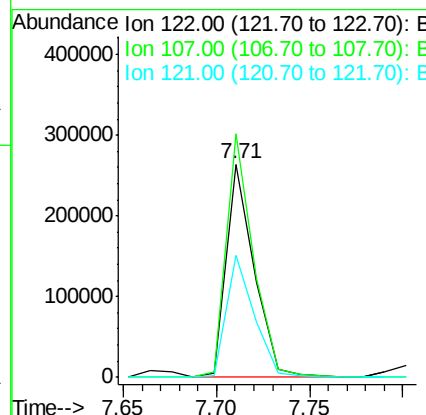
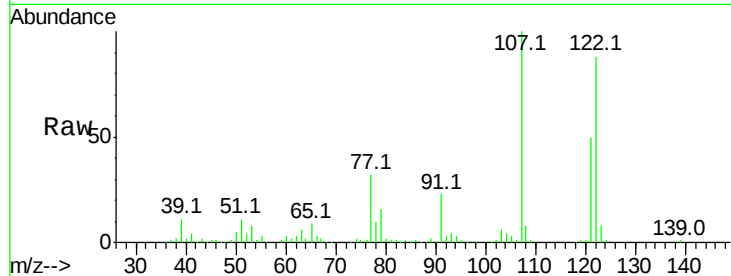
#27
2,4-Dimethylphenol
Concen: 36.33 ng
RT: 7.71 min Scan# 492
Delta R.T. -0.01 min
Lab File: BF086038.D
Acq: 4 Apr 2016 15:03

Instrument :
BNA_F
ClientSampleId :
PB89407BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	274590		
107	114.3	93.0	139.6	
121	57.1	45.9	68.9	

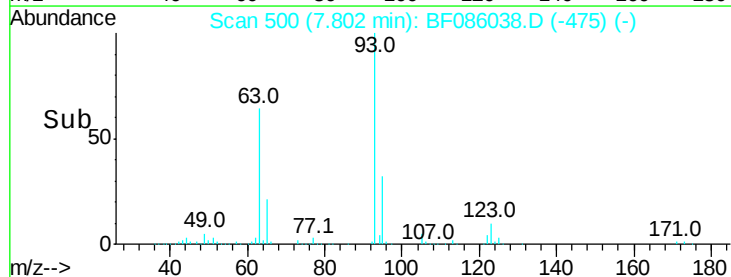
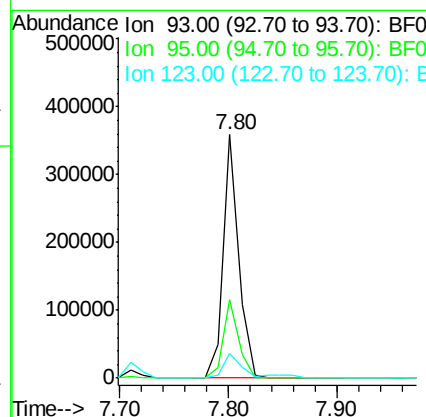
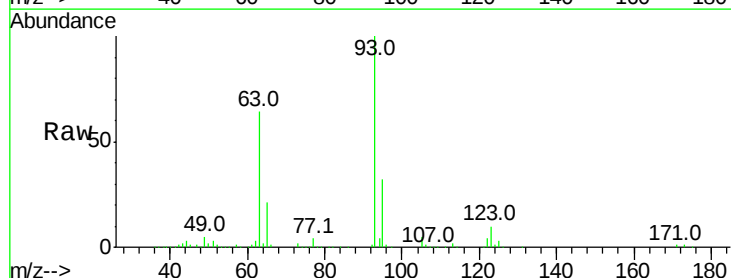
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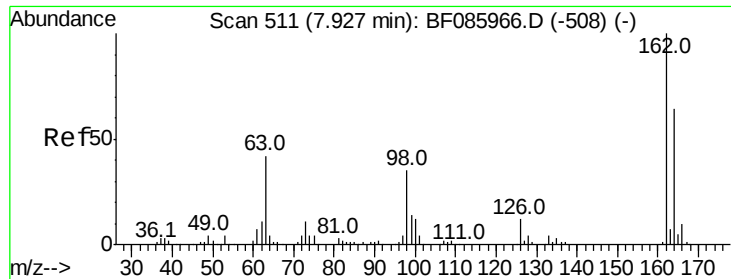
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 38.73 ng
RT: 7.80 min Scan# 500
Delta R.T. -0.01 min
Lab File: BF086038.D
Acq: 4 Apr 2016 15:03

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	360606		
95	32.4	26.4	39.6	
123	10.4	9.8	14.6	





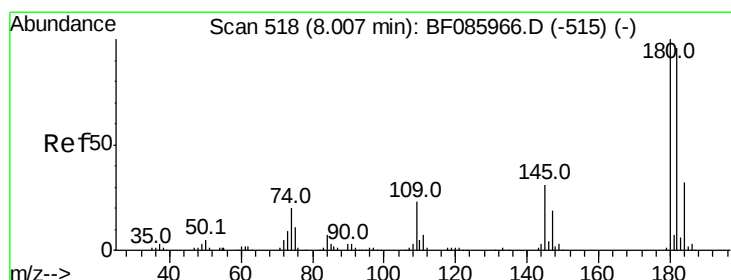
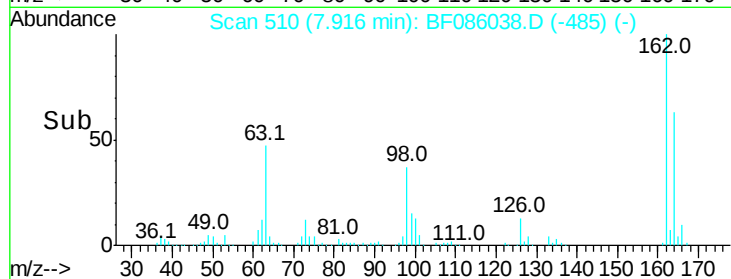
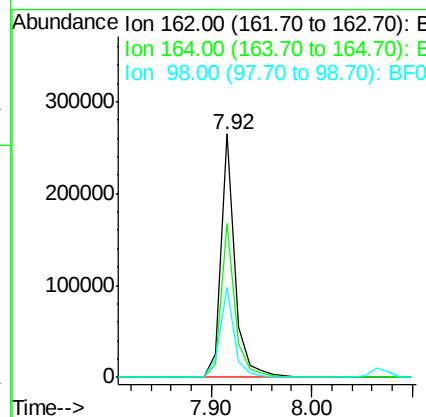
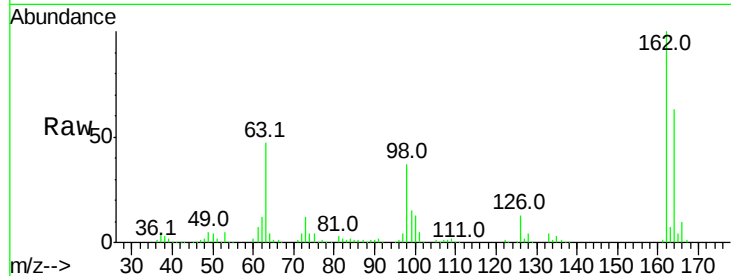
#29
 2,4-Dichlorophenol
 Concen: 39.84 ng
 RT: 7.92 min Scan# 510
 Delta R.T. -0.01 min
 Lab File: BF086038.D
 Acq: 4 Apr 2016 15:03

Instrument :
 BNA_F
 ClientSampleId :
 PB89407BS

Tot Ion:	162	Resp:	254540
Ion Ratio	Lower	Upper	
162	100		
164	63.5	43.7	83.7
98	37.1	20.4	60.4

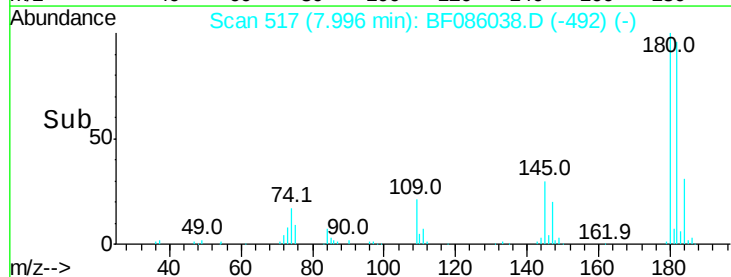
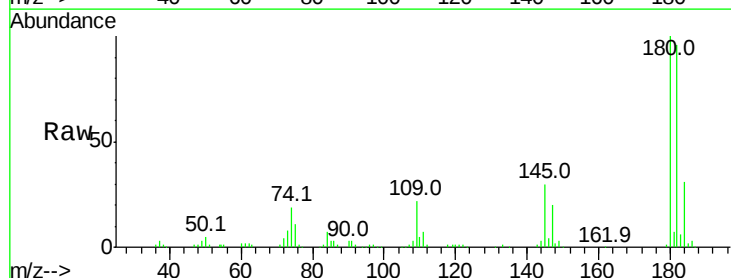
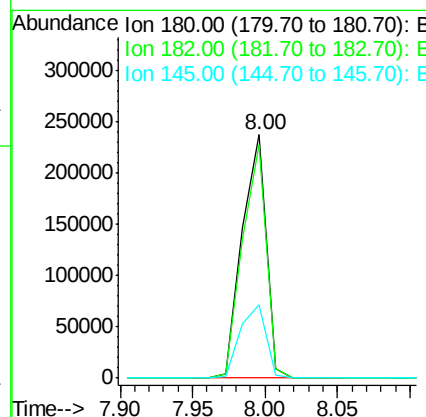
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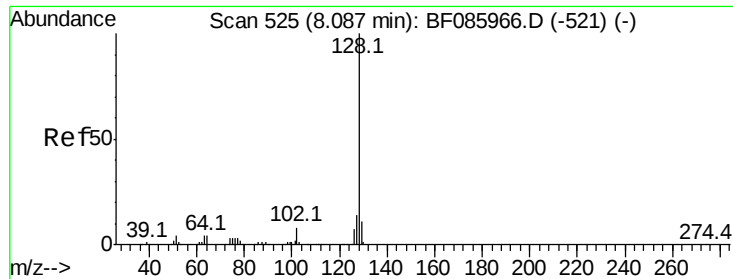
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#30
 1,2,4-Trichlorobenzene
 Concen: 38.08 ng
 RT: 8.00 min Scan# 517
 Delta R.T. -0.01 min
 Lab File: BF086038.D
 Acq: 4 Apr 2016 15:03

Tgt Ion:	180	Resp:	273079
Ion Ratio	Lower	Upper	
180	100		
182	95.8	73.8	110.8
145	30.3	28.4	42.6





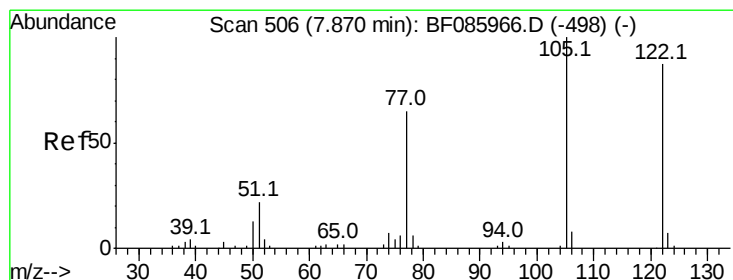
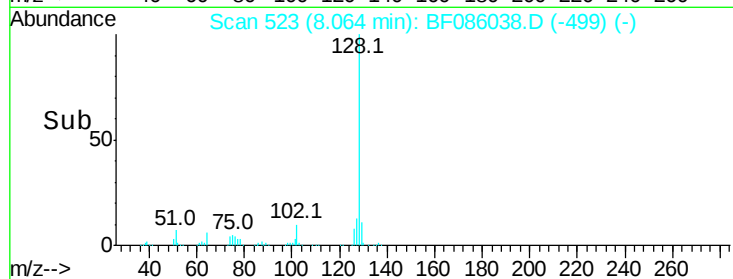
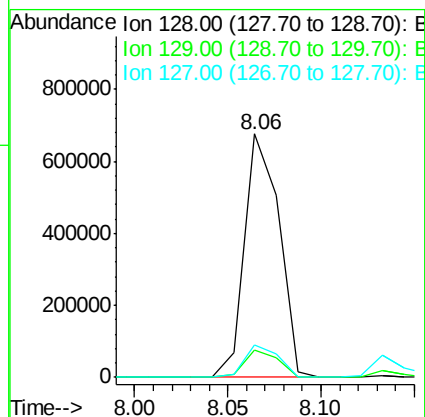
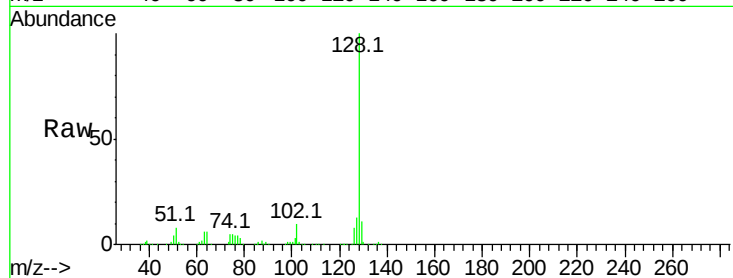
#31
Naphthalene
Concen: 36.46 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.02 min
Lab File: BF086038.D
Acq: 4 Apr 2016 15:03

Instrument :
BNA_F
ClientSampleId :
PB89407BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.3	9.4	14.0	
127	13.4	11.0	16.6	

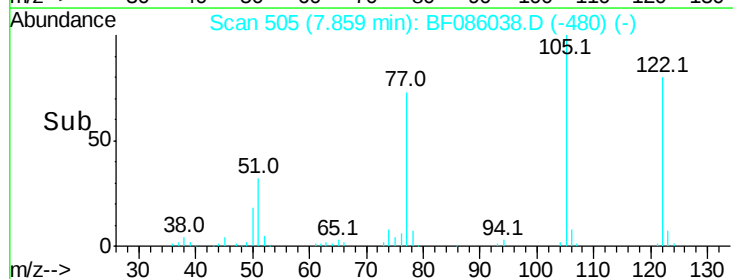
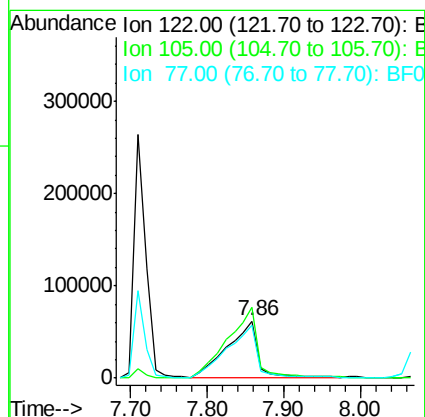
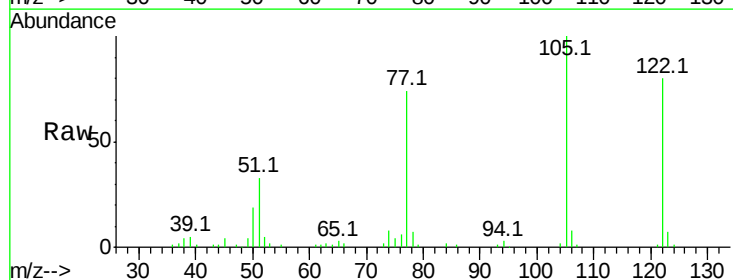
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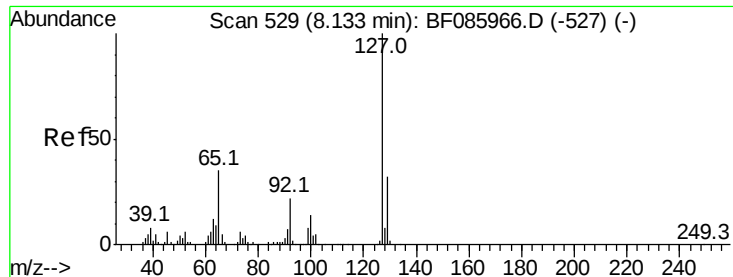
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#32
Benzoic acid
Concen: 30.42 ng
RT: 7.86 min Scan# 505
Delta R.T. -0.01 min
Lab File: BF086038.D
Acq: 4 Apr 2016 15:03

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	124.3	102.9	142.9	
77	92.2	71.8	111.8	





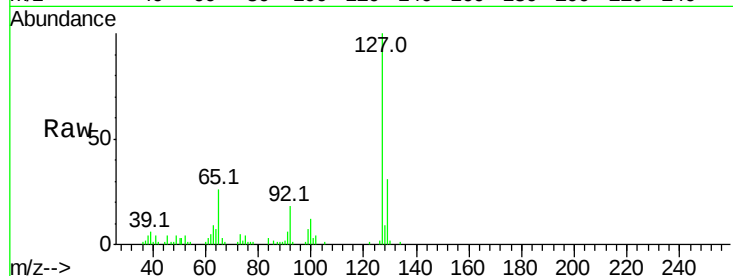
#33
4-Chloroaniline
Concen: 8.65 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.00 min
Lab File: BF086038.D
Acq: 4 Apr 2016 15:03

Instrument :
BNA_F
ClientSampleId :
PB89407BS

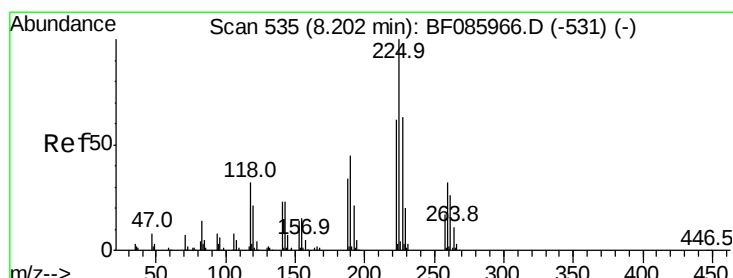
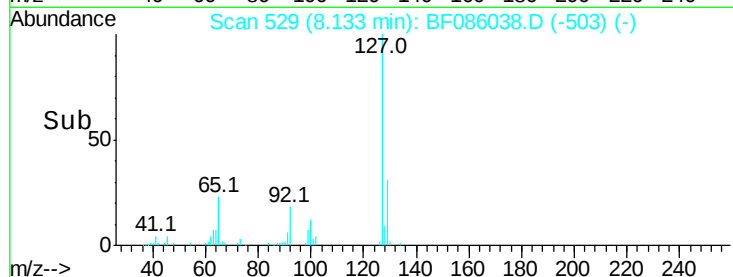
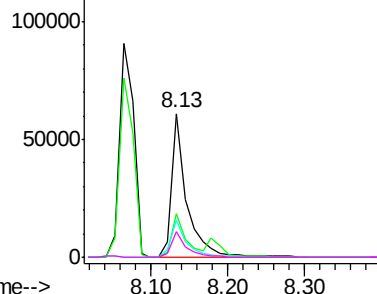
Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	30.6	26.1	39.1	
65	26.0	19.5	29.3	
92	18.0	14.6	22.0	

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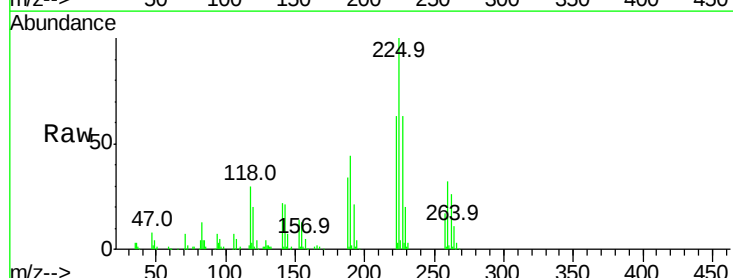


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

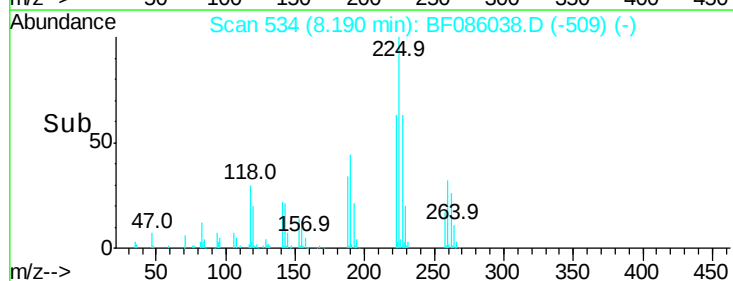
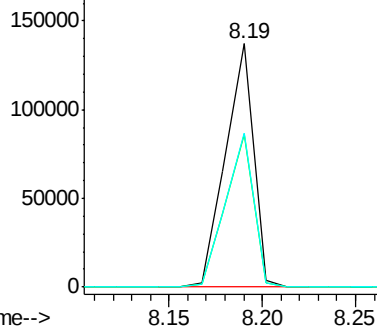


#34
Hexachlorobutadiene
Concen: 37.16 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.01 min
Lab File: BF086038.D
Acq: 4 Apr 2016 15:03

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.8	50.4	75.6	
227	63.5	51.4	77.2	



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 43.58 ng/ml

RT: 8.50 min Scan# 561

Delta R.T. -0.01 min

Lab File: BF086038.D

Acq: 4 Apr 2016 15:03

Instrument :

BNA_F

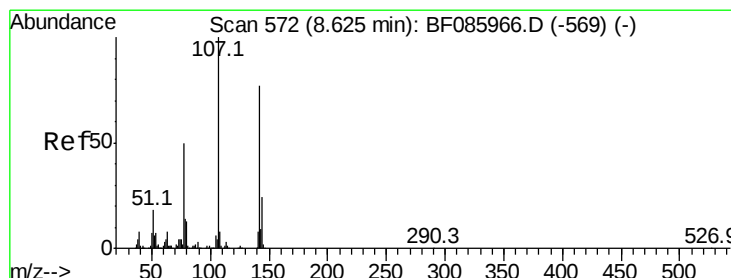
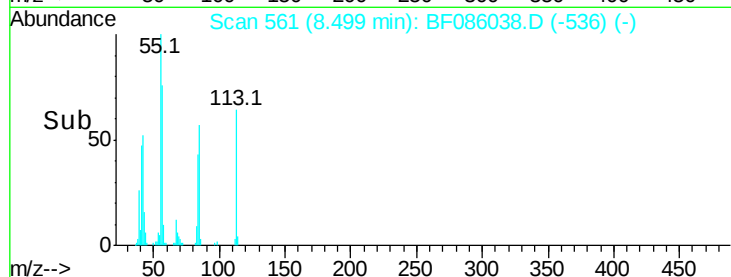
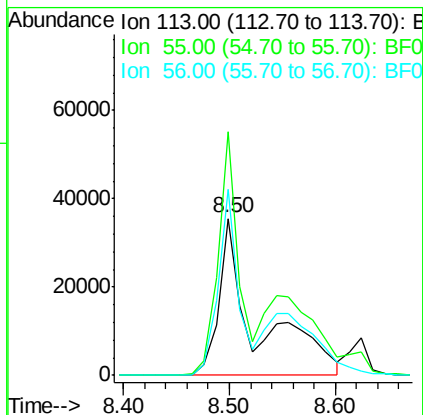
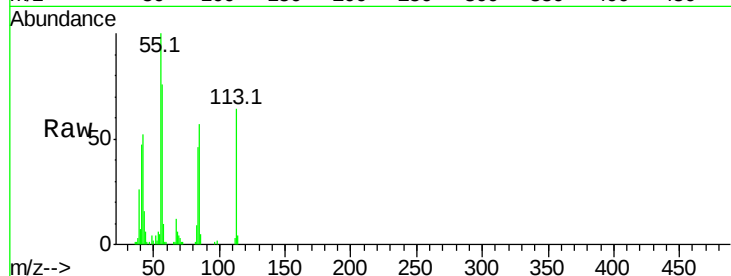
ClientSampleId :

PB89407BS

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Tot Ion	Ratio	Lower	Upper
113	100		
55	155.1	139.4	179.4
56	118.1	100.4	140.4



#36

4-Chloro-3-methylphenol

Concen: 42.97 ng/ml

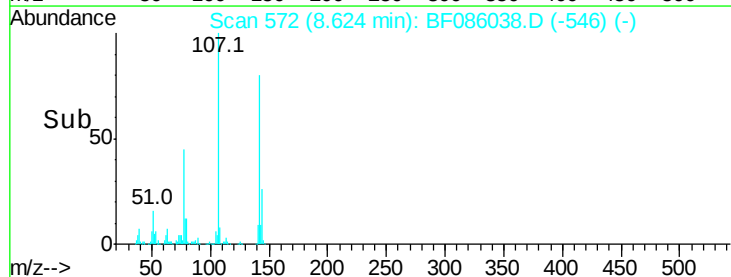
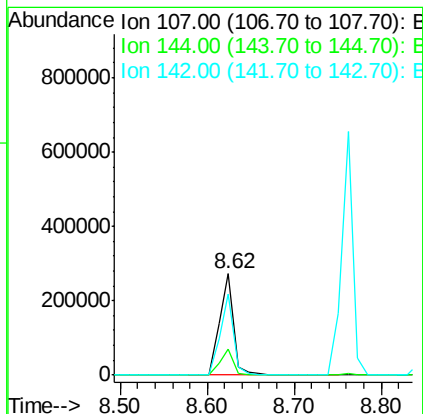
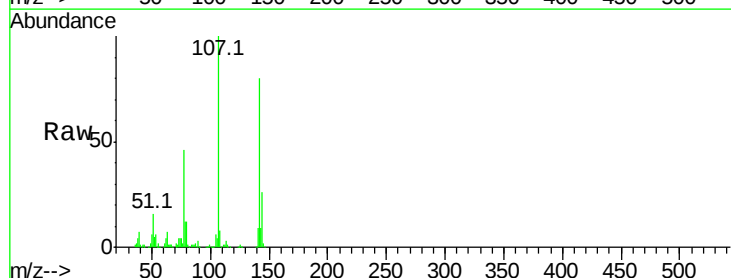
RT: 8.62 min Scan# 572

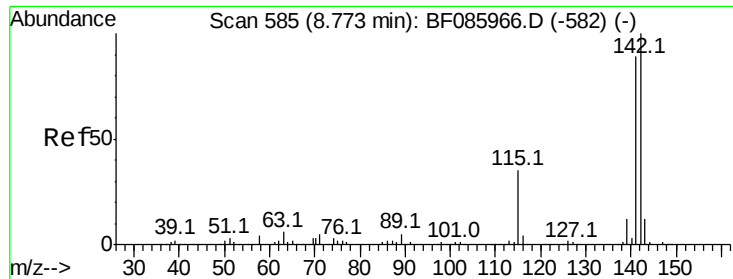
Delta R.T. -0.00 min

Lab File: BF086038.D

Acq: 4 Apr 2016 15:03

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.3	19.3	28.9
142	80.2	61.4	92.0





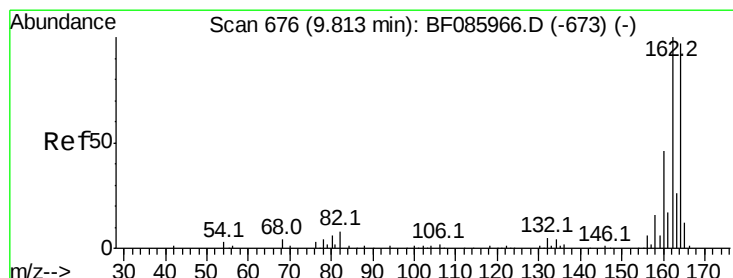
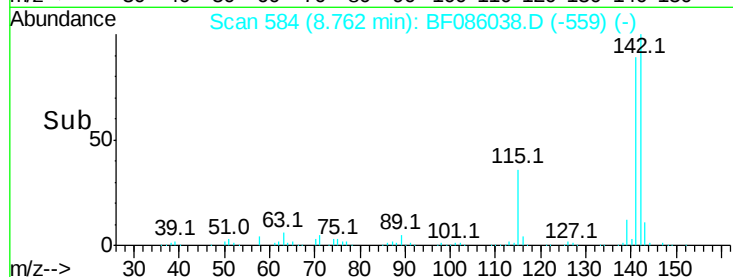
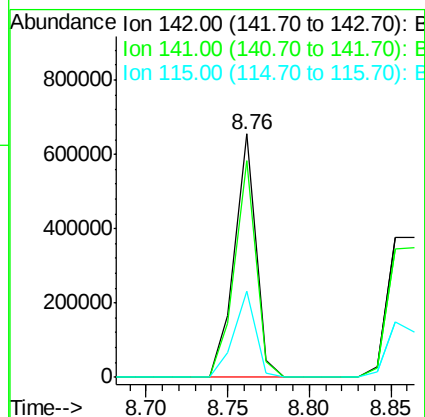
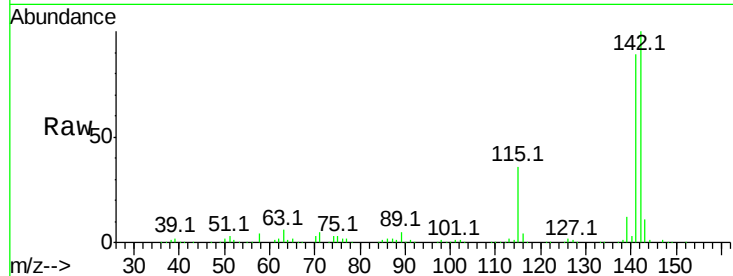
#37
 2-Methylnaphthalene
 Concen: 38.50 ng
 RT: 8.76 min Scan# 584
 Delta R.T. -0.01 min
 Lab File: BF086038.D
 Acq: 4 Apr 2016 15:03

Instrument :
 BNA_F
 ClientSampleId :
 PB89407BS

Tot Ion:	142	Resp:	599716
Ion Ratio	Lower	Upper	
142	100		
141	88.9	71.6	107.4
115	35.6	26.8	40.2

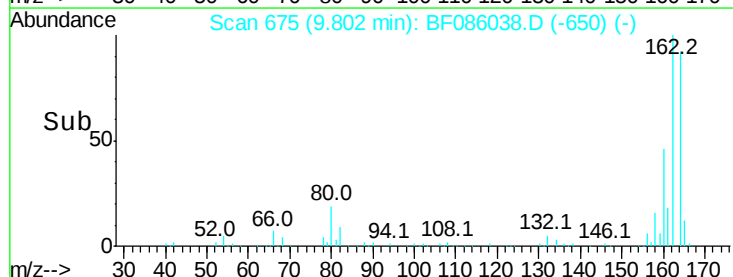
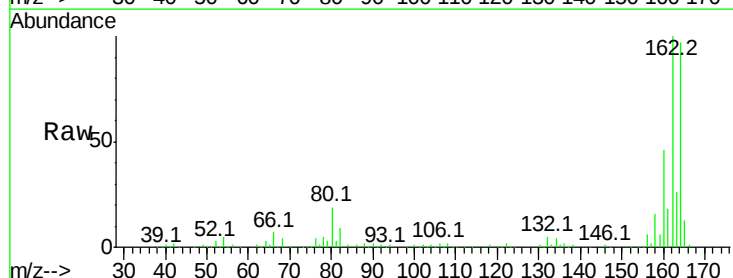
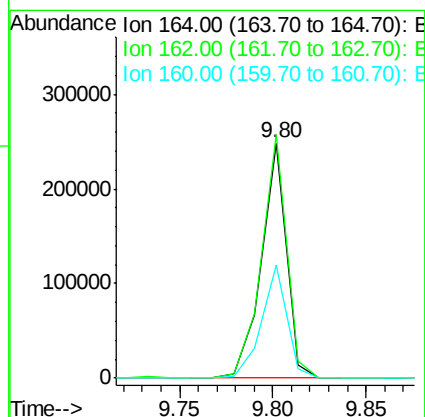
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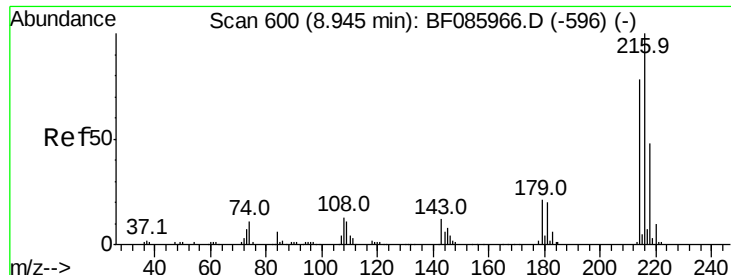
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.01 min
 Lab File: BF086038.D
 Acq: 4 Apr 2016 15:03

Tgt Ion:	164	Resp:	229342
Ion Ratio	Lower	Upper	
164	100		
162	103.6	82.1	123.1
160	48.0	37.4	56.2





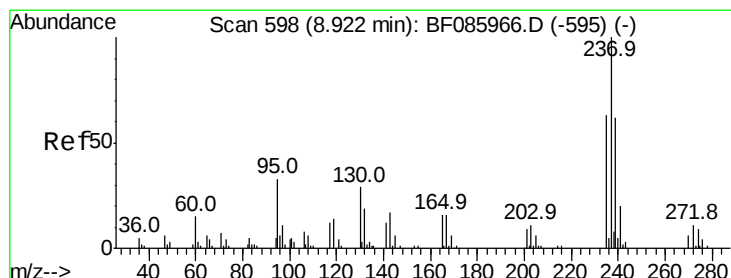
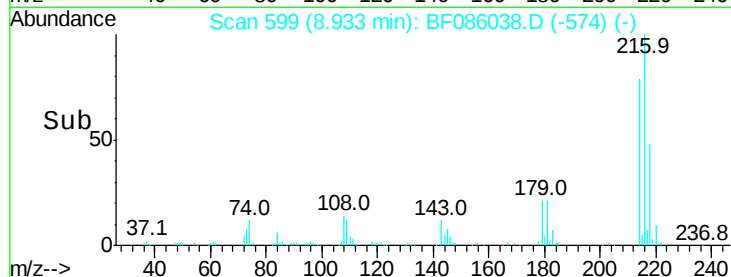
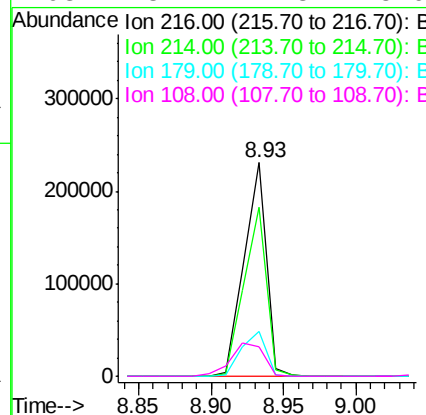
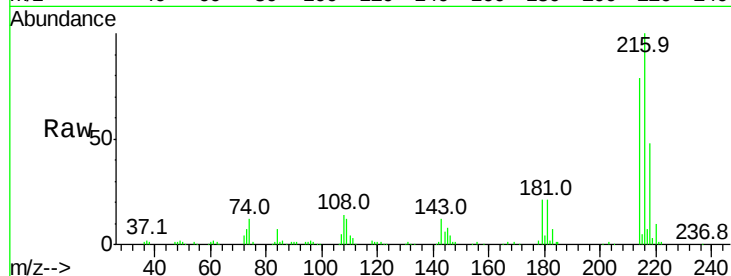
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.82 ng
 RT: 8.93 min Scan# 599
 Delta R.T. -0.01 min
 Lab File: BF086038.D
 Acq: 4 Apr 2016 15:03

Instrument :
 BNA_F
 ClientSampleId :
 PB89407BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	246905		
214	79.6	63.1	94.7	
179	23.1	18.2	27.2	
108	23.1	17.3	25.9	

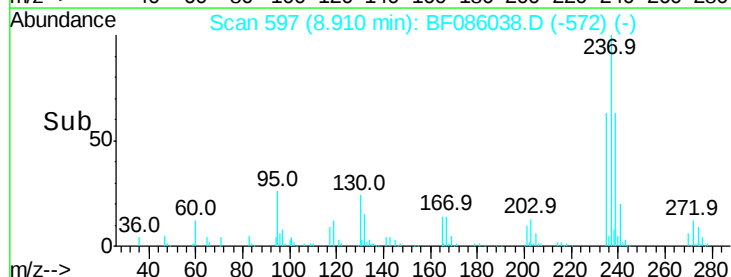
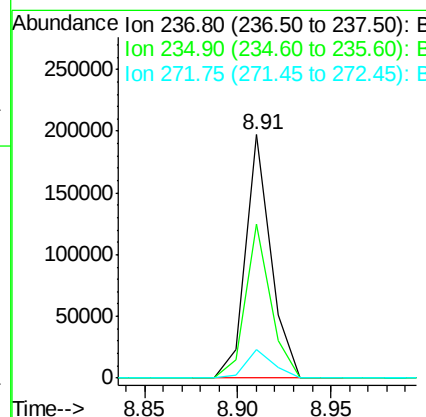
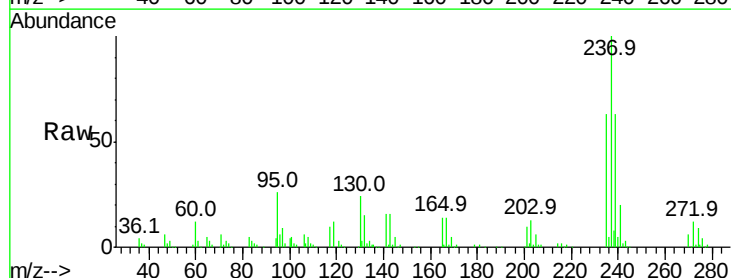
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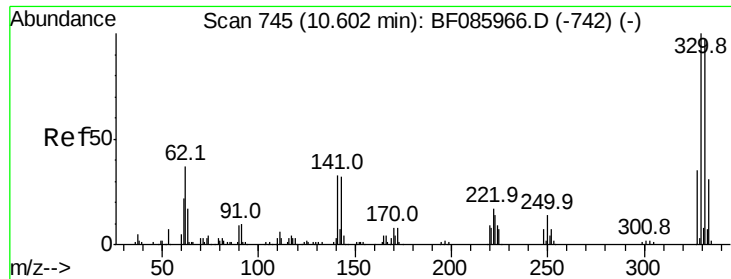
Sohil
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#40
 Hexachlorocyclopentadiene
 Concen: 76.12 ng
 RT: 8.91 min Scan# 597
 Delta R.T. -0.01 min
 Lab File: BF086038.D
 Acq: 4 Apr 2016 15:03

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	186170		
235	63.4	43.7	83.7	
272	11.8	0.0	31.9	





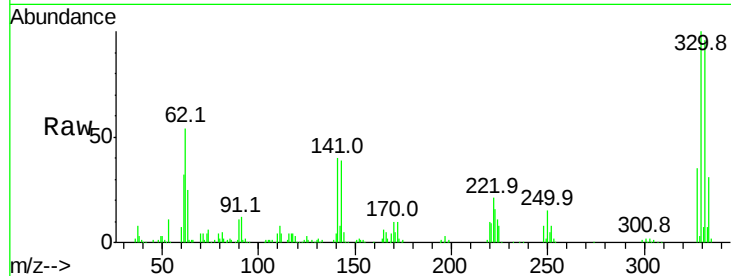
#41
 2,4,6-Tribromophenol
 Concen: 118.05 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF086038.D
 Acq: 4 Apr 2016 15:03

Instrument :
 BNA_F
 ClientSampleId :
 PB89407BS

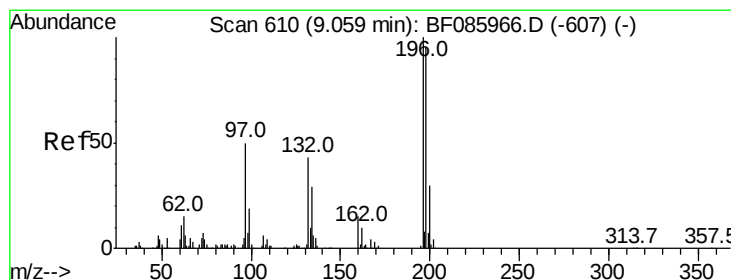
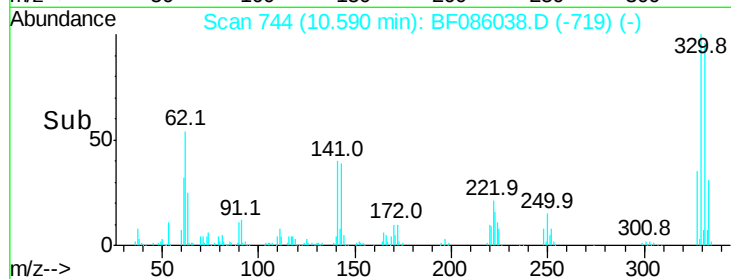
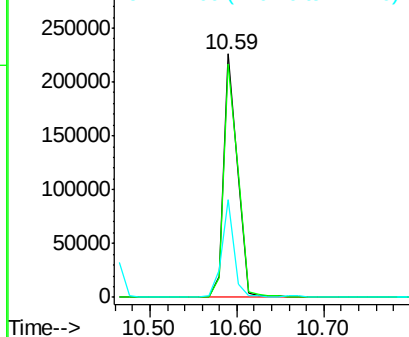
Tot Ion	Ratio	Resp	Lower	Upper
330	100	254105		
332	98.5	78.2	117.2	
141	35.9	31.5	47.3	

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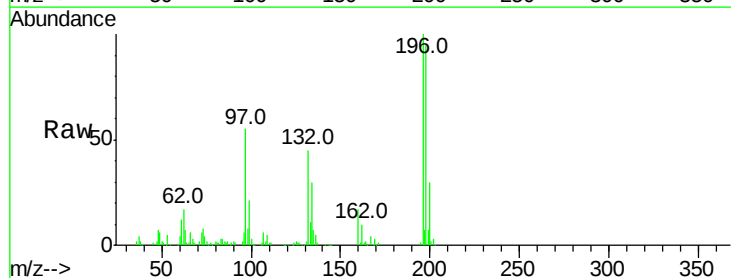


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

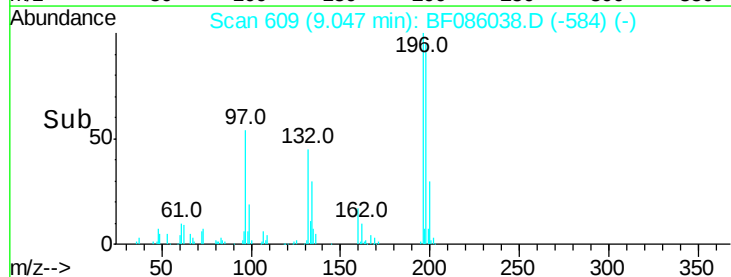
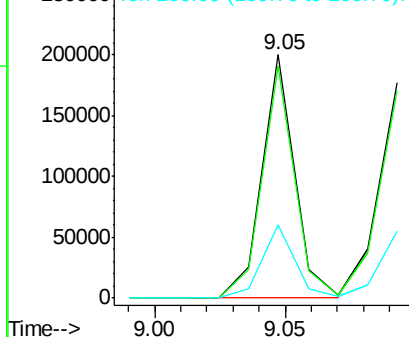


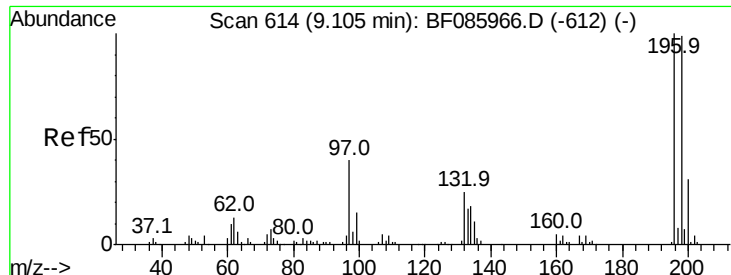
#42
 2,4,6-Trichlorophenol
 Concen: 38.98 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.01 min
 Lab File: BF086038.D
 Acq: 4 Apr 2016 15:03

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	172537		
198	95.4	75.3	112.9	
200	29.9	23.7	35.5	



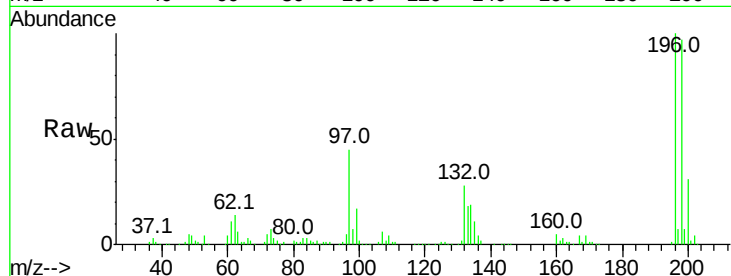
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





#43
 2,4,5-Trichlorophenol
 Concen: 38.81 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.01 min
 Lab File: BF086038.D
 Acq: 4 Apr 2016 15:03

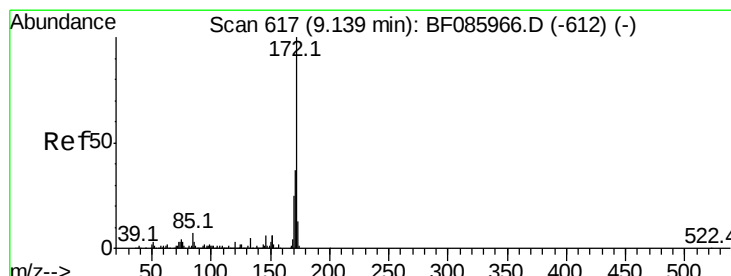
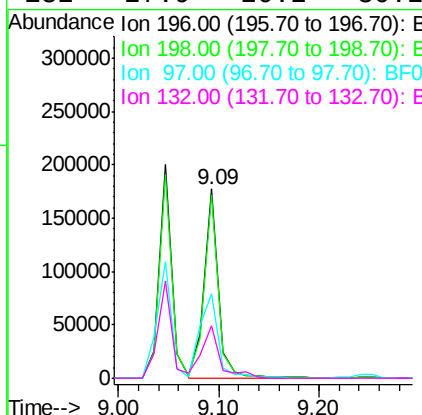
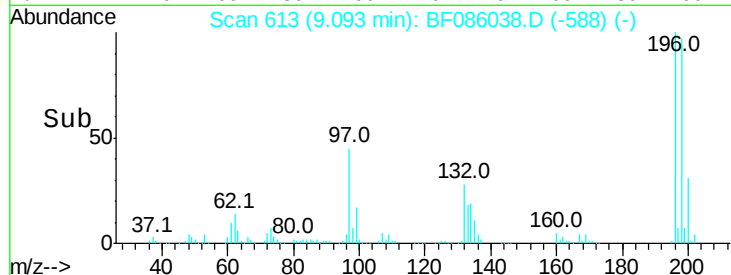
Instrument :
 BNA_F
 ClientSampleId :
 PB89407BS



Tot Ion	196	Resp	174414
Ion Ratio	Lower	Upper	
196	100		
198	96.6	76.6	114.8
97	44.8	30.5	45.7
132	27.9	20.2	30.2

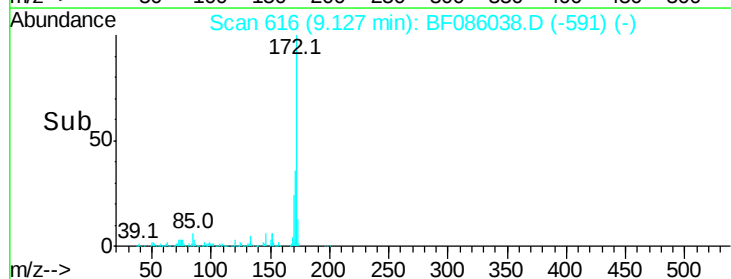
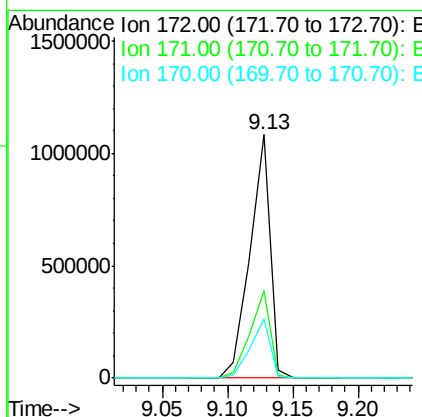
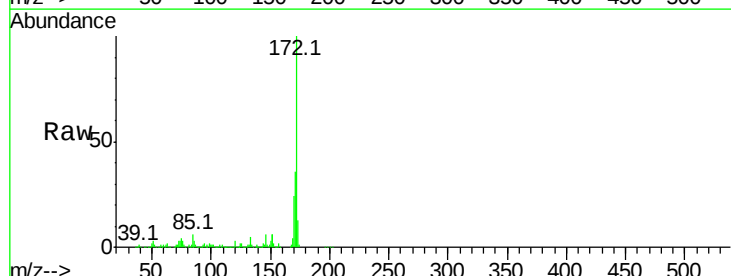
Manual Integrations
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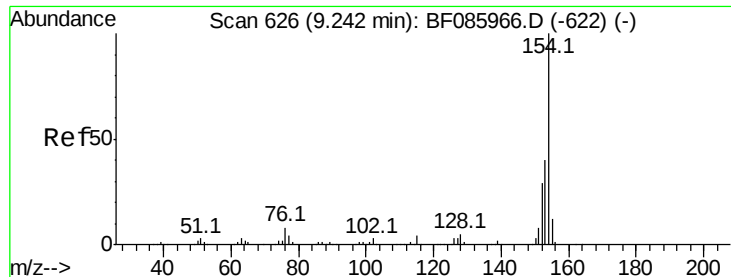
Sohil
 4/5/2016 6:39:01 PM



#44
 2-Fluorobiphenyl
 Concen: 84.56 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF086038.D
 Acq: 4 Apr 2016 15:03

Tgt Ion	172	Resp	1166426
Ion Ratio	Lower	Upper	
172	100		
171	36.0	29.4	44.2
170	24.5	19.8	29.6





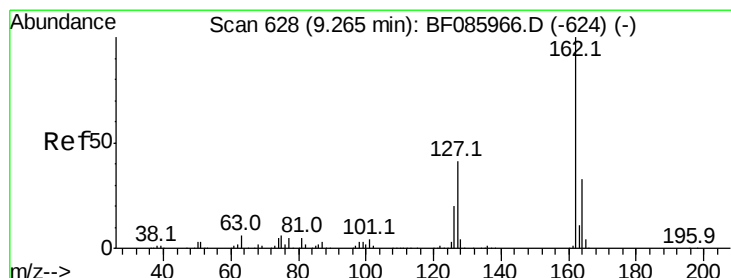
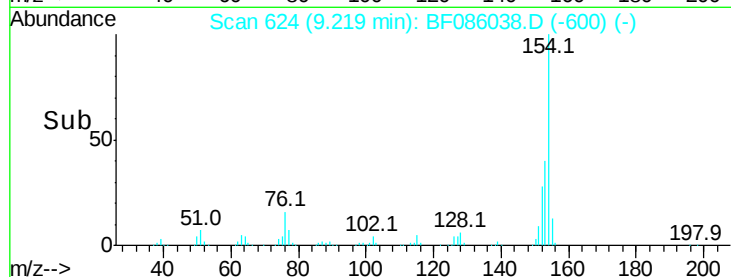
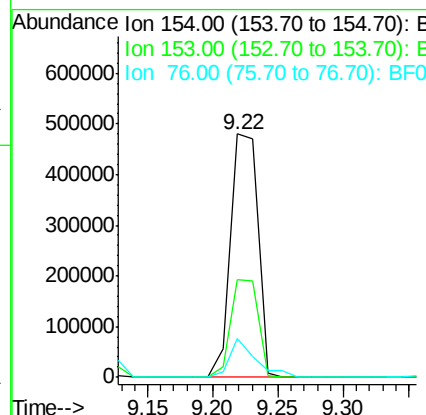
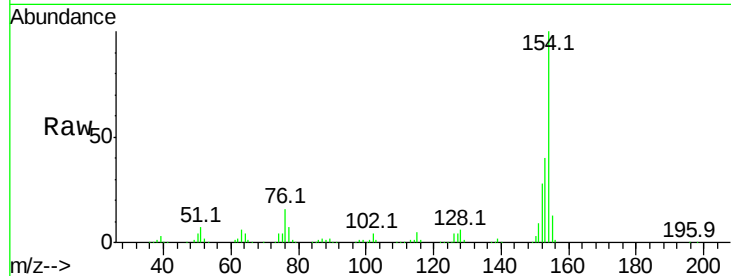
#45
1,1'-Biphenyl
Concen: 35.27 ng
RT: 9.22 min Scan# 624
Delta R.T. -0.02 min
Lab File: BF086038.D
Acq: 4 Apr 2016 15:03

Instrument :
BNA_F
ClientSampleId :
PB89407BS

Tot Ion	Ratio	Resp	Lower	Upper
154	100	697456		
153	40.1	20.8	60.8	
76	15.9	0.0	36.7	

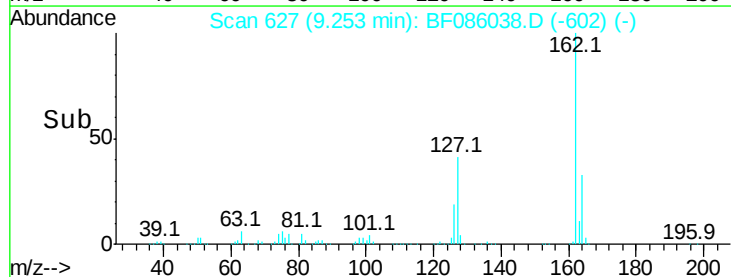
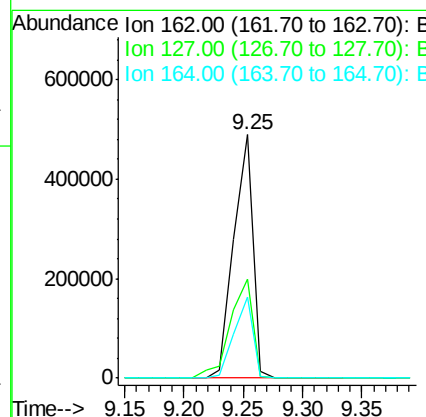
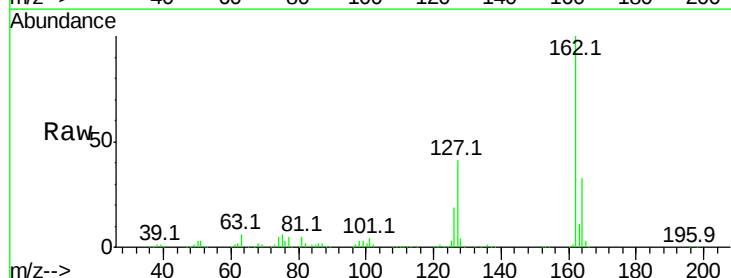
Manual Integrations
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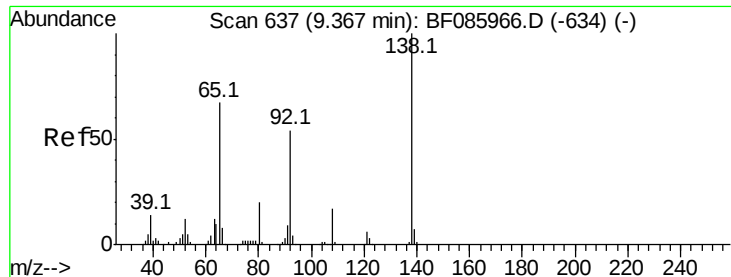
Sohil
4/5/2016 6:39:01 PM



#46
2-Chloronaphthalene
Concen: 38.21 ng
RT: 9.25 min Scan# 627
Delta R.T. -0.01 min
Lab File: BF086038.D
Acq: 4 Apr 2016 15:03

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	547684		
127	40.6	31.7	47.5	
164	33.3	27.3	40.9	





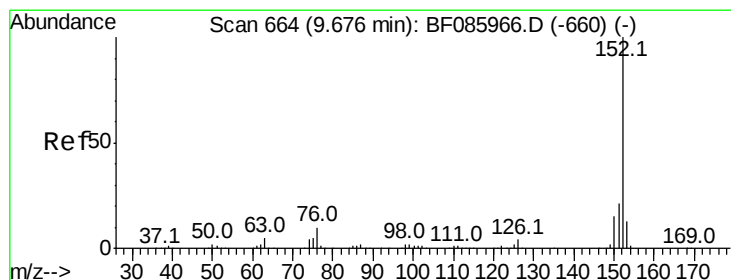
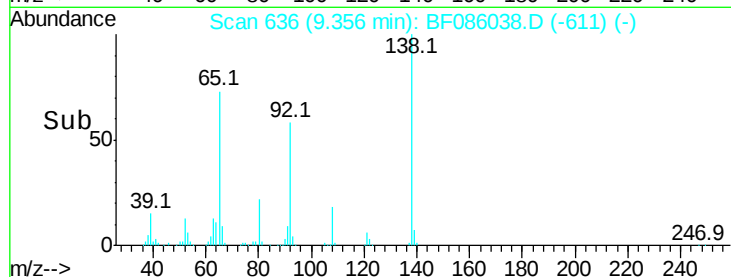
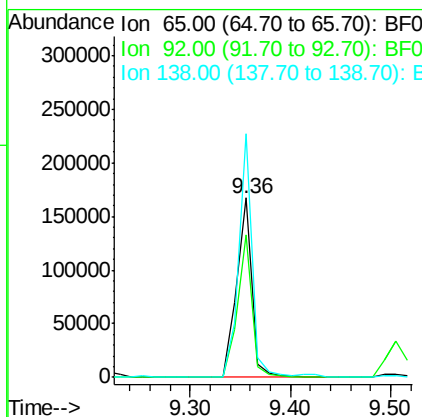
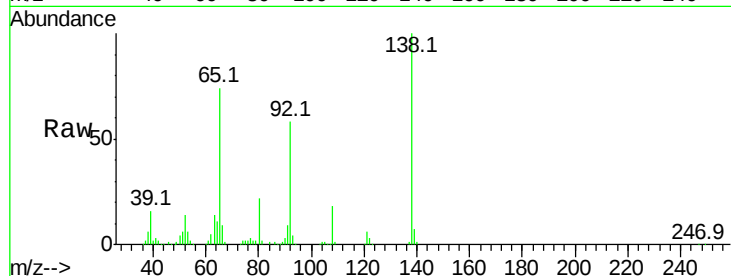
#47
2-Nitroaniline
Concen: 42.17 ng
RT: 9.36 min Scan# 636
Delta R.T. -0.01 min
Lab File: BF086038.D
Acq: 4 Apr 2016 15:03

Instrument :
BNA_F
ClientSampleId :
PB89407BS

Tot Ion	Ratio	Resp	Lower	Upper
65	100	176856		
92	79.1	59.7	89.5	
138	135.6	91.4	137.0	

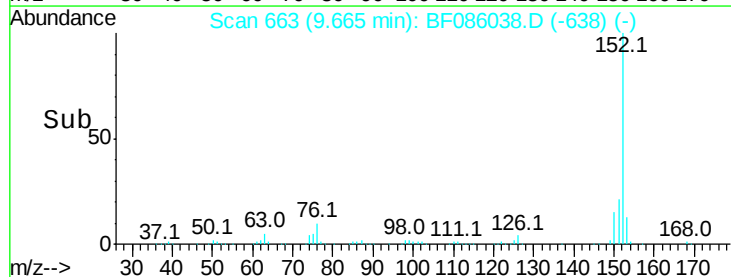
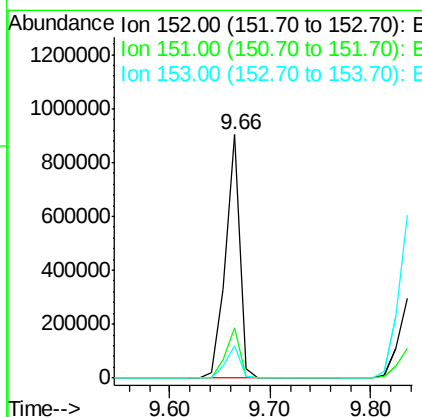
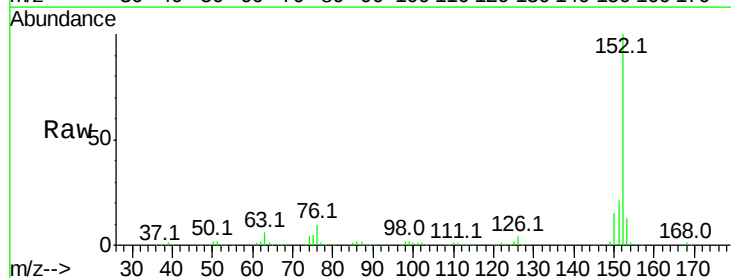
Manual Integrations
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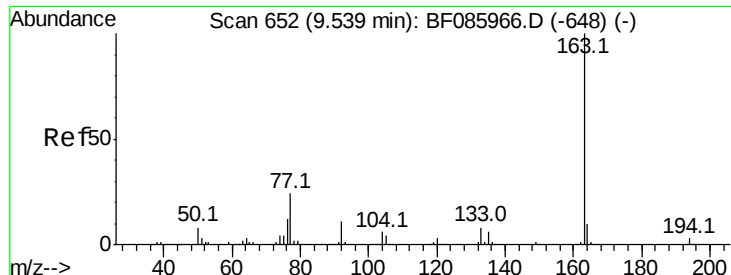
Sohil
4/5/2016 6:39:01 PM



#48
Acenaphthylene
Concen: 38.46 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.01 min
Lab File: BF086038.D
Acq: 4 Apr 2016 15:03

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	883190		
151	20.8	16.8	25.2	
153	13.1	10.9	16.3	





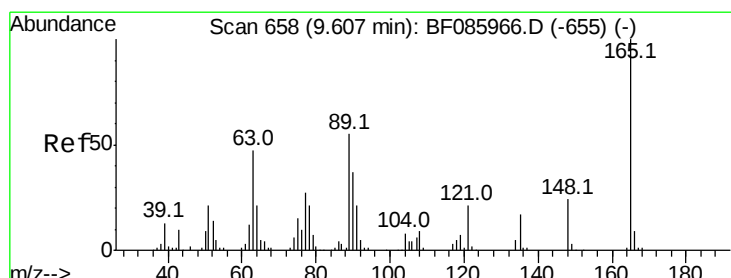
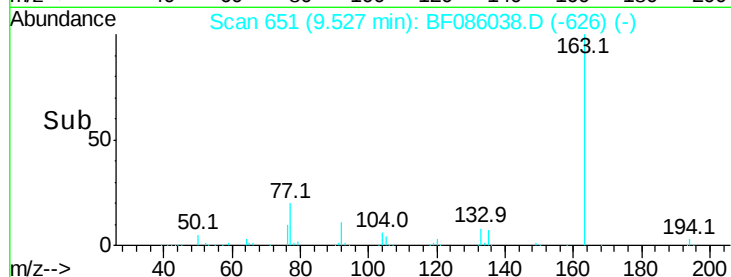
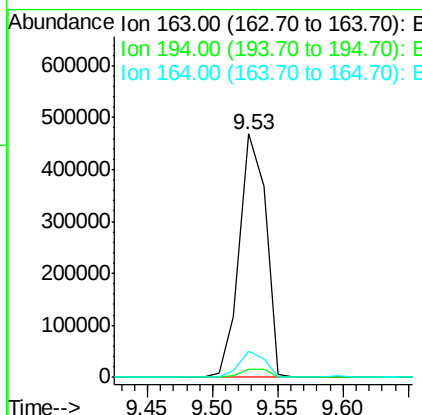
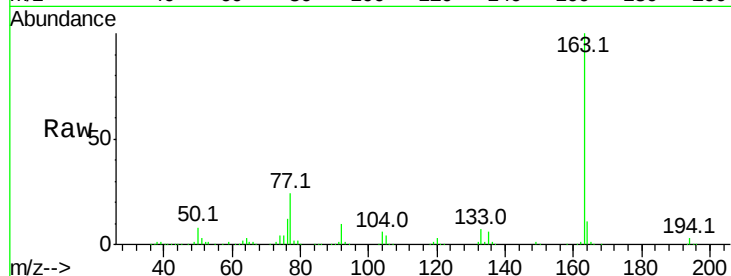
#49
Dimethylphthalate
Concen: 38.98 ng
RT: 9.53 min Scan# 651
Delta R.T. -0.01 min
Lab File: BF086038.D
Acq: 4 Apr 2016 15:03

Instrument :
BNA_F
ClientSampleId :
PB89407BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	662671		
194	3.2		2.9	4.3
164	10.6		8.3	12.5

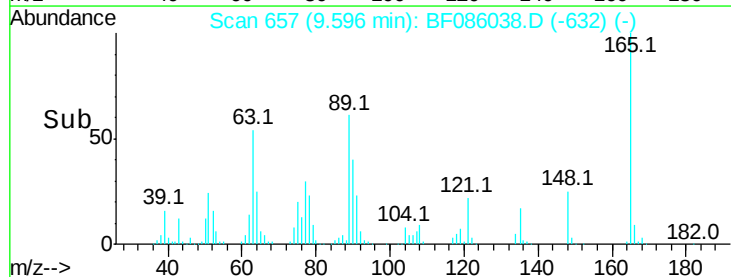
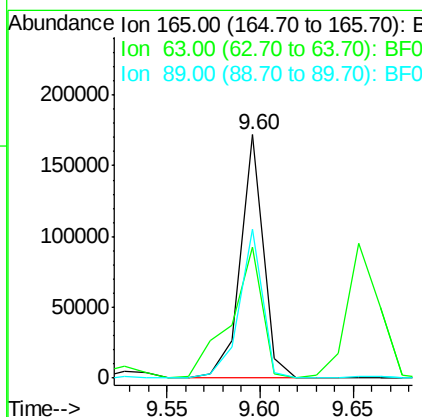
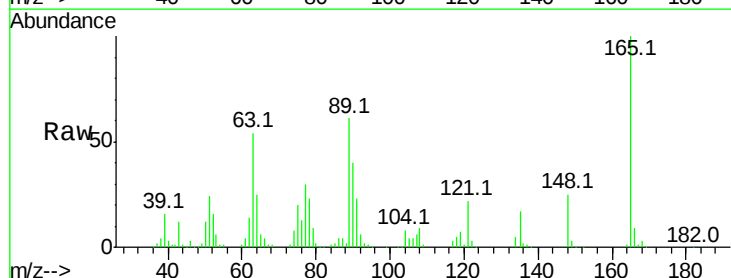
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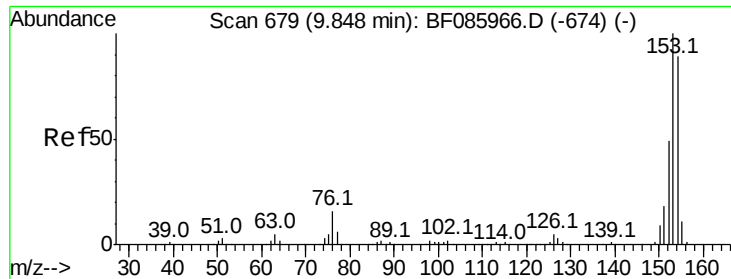
Sohil
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#50
2,6-Dinitrotoluene
Concen: 41.19 ng
RT: 9.60 min Scan# 657
Delta R.T. -0.01 min
Lab File: BF086038.D
Acq: 4 Apr 2016 15:03

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	148122		
63	54.0		51.8	77.8
89	61.0		53.7	80.5





#51

Acenaphthene

Concen: 38.69 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.01 min

Lab File: BF086038.D

Acq: 4 Apr 2016 15:03

Instrument :

BNA_F

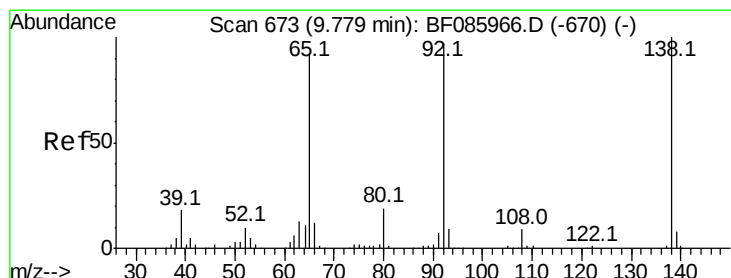
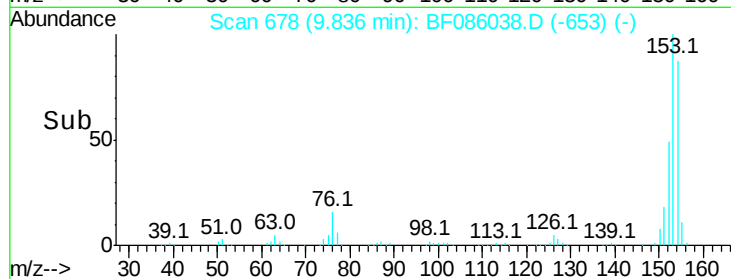
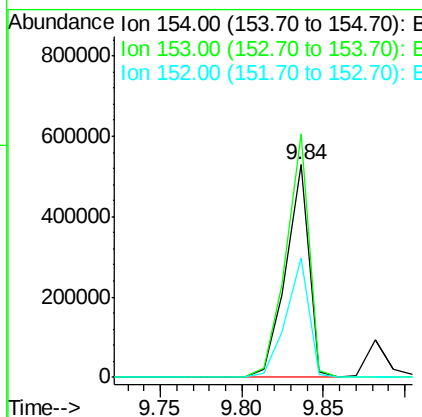
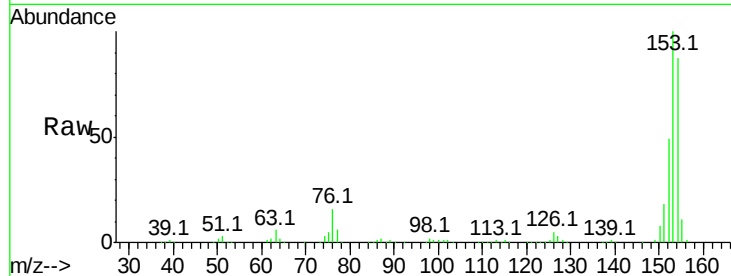
ClientSampleId :

PB89407BS

Tot Ion:	154	Resp:	528353
Ion Ratio	Lower	Upper	
154	100		
153	114.6	90.1	135.1
152	56.0	44.2	66.2

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#52

3-Nitroaniline

Concen: 17.59 ng

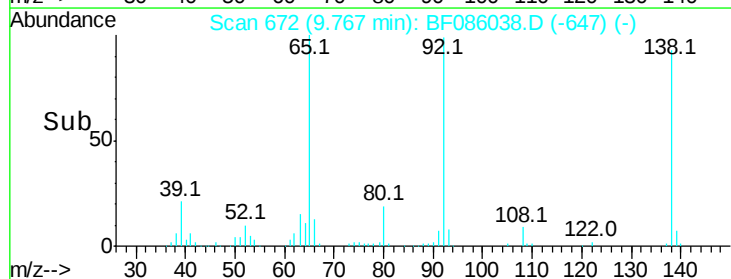
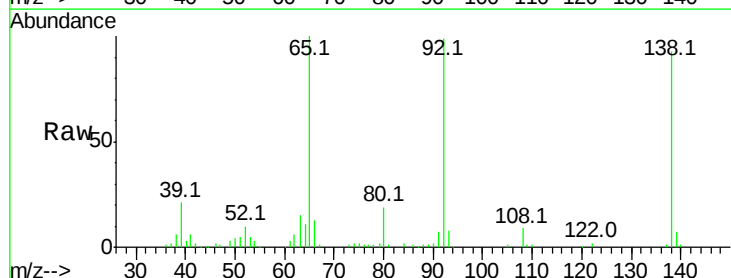
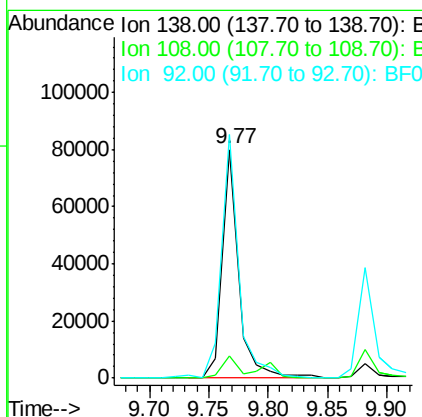
RT: 9.77 min Scan# 672

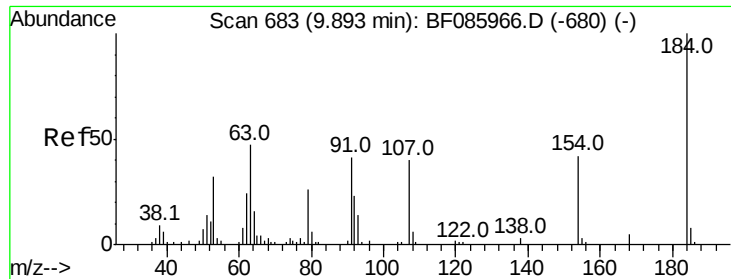
Delta R.T. -0.01 min

Lab File: BF086038.D

Acq: 4 Apr 2016 15:03

Tgt Ion:	138	Resp:	76247
Ion Ratio	Lower	Upper	
138	100		
108	9.5	8.7	13.1
92	106.5	93.3	139.9





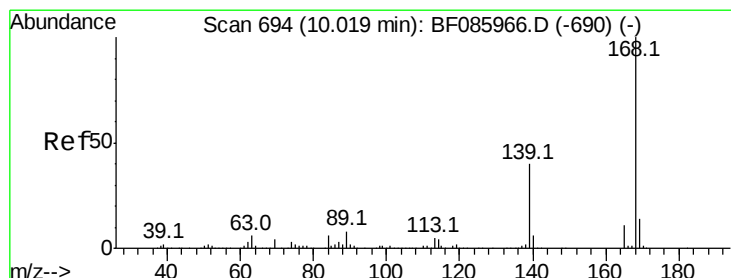
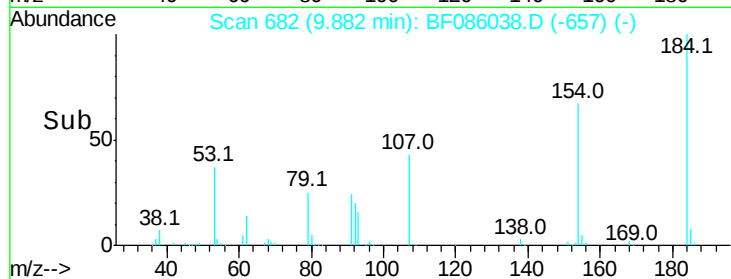
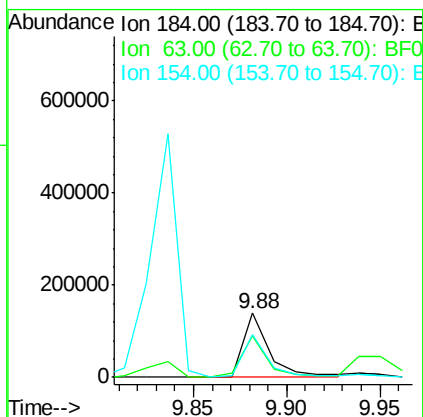
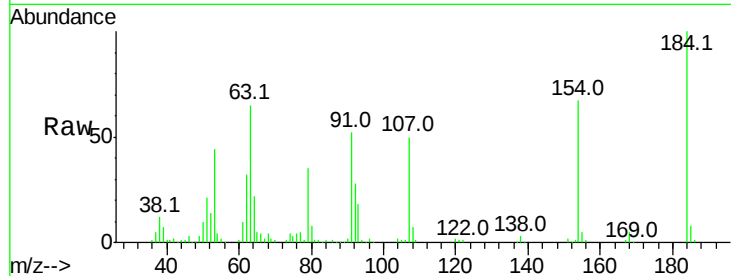
#53
 2,4-Dinitrophenol
 Concen: 62.01 ng
 RT: 9.88 min Scan# 682
 Delta R.T. -0.01 min
 Lab File: BF086038.D
 Acq: 4 Apr 2016 15:03

Instrument :
 BNA_F
 ClientSampleId :
 PB89407BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	135235		
63	65.2	69.5	104.3#	
154	67.1	58.3	87.5	

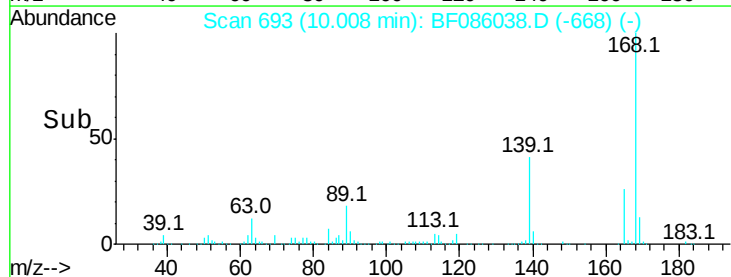
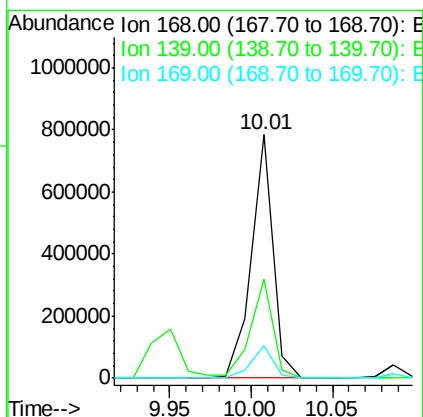
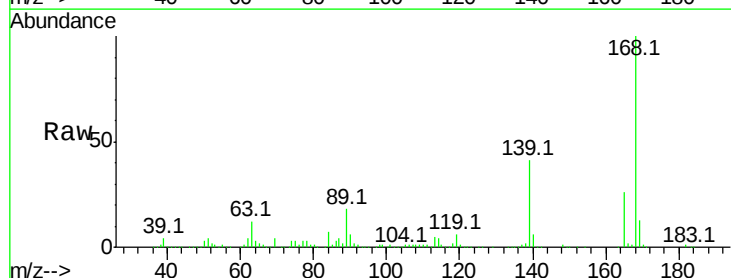
Manual Integrations
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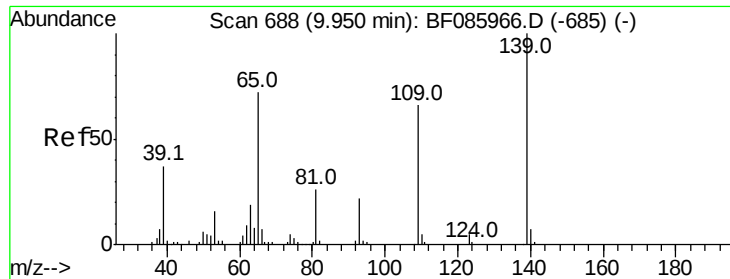
Sohil
 4/5/2016 6:39:01 PM



#54
 Dibenzofuran
 Concen: 40.19 ng
 RT: 10.01 min Scan# 693
 Delta R.T. -0.01 min
 Lab File: BF086038.D
 Acq: 4 Apr 2016 15:03

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	724776		
139	40.9	31.9	47.9	
169	13.5	11.0	16.6	





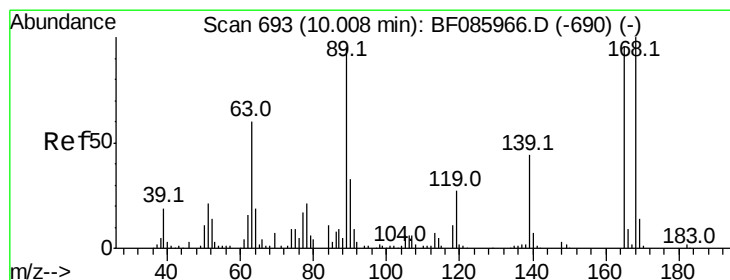
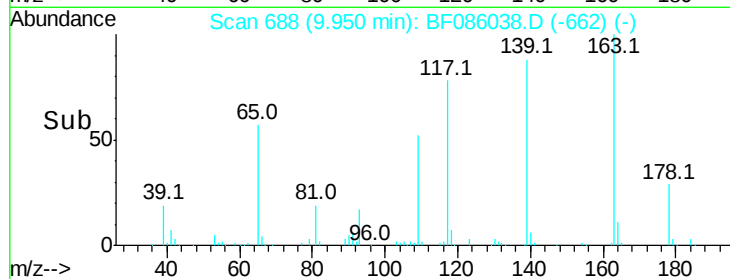
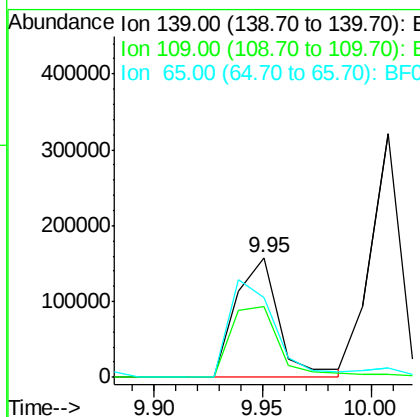
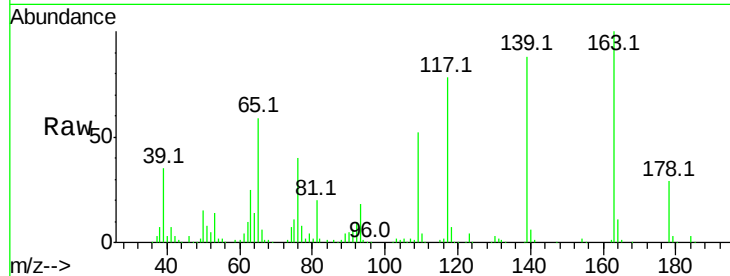
#55
4-Nitrophenol
Concen: 85.44 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.00 min
Lab File: BF086038.D
Acq: 4 Apr 2016 15:03

Instrument :
BNA_F
ClientSampleId :
PB89407BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	218330		
109	59.6	49.2	89.2	
65	67.1	66.9	106.9	

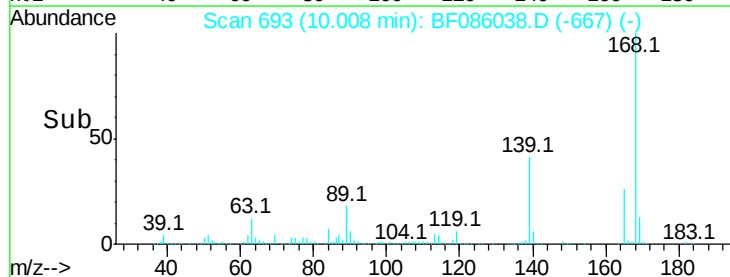
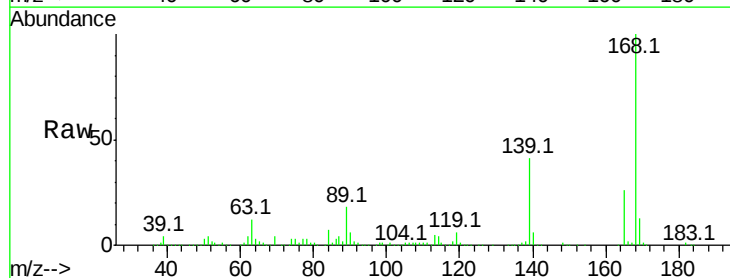
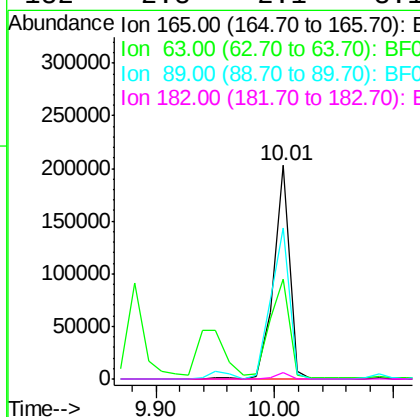
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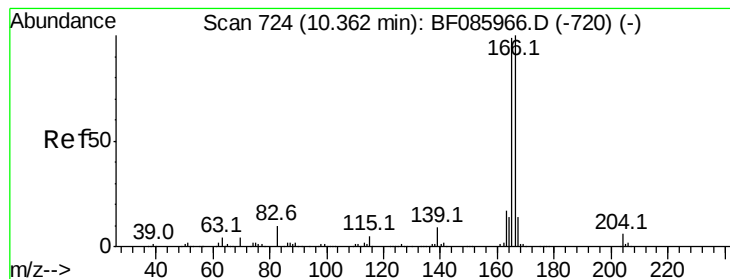
Sohil
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#56
2,4-Dinitrotoluene
Concen: 42.16 ng
RT: 10.01 min Scan# 693
Delta R.T. -0.00 min
Lab File: BF086038.D
Acq: 4 Apr 2016 15:03

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	191579		
63	46.7	24.9	37.3#	
89	70.9	41.0	61.6#	
182	2.8	2.1	3.1	





#57

Fluorene

Concen: 39.64 ng

RT: 10.35 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF086038.D

Acq: 4 Apr 2016 15:03

Instrument :

BNA_F

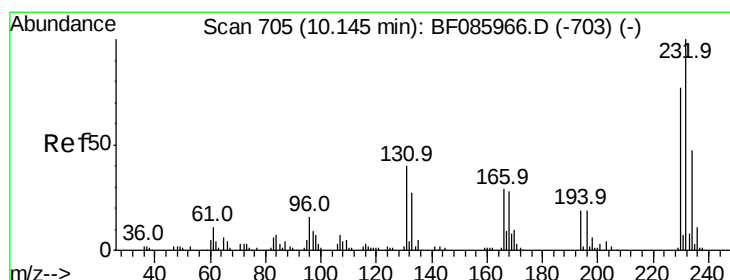
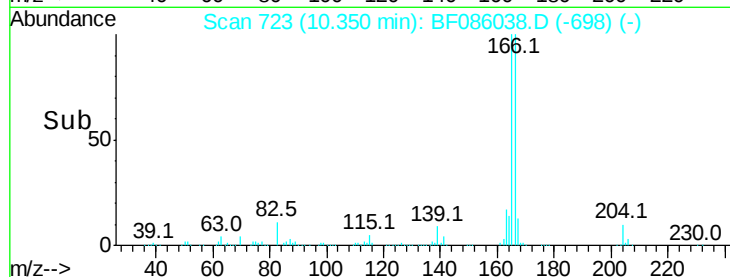
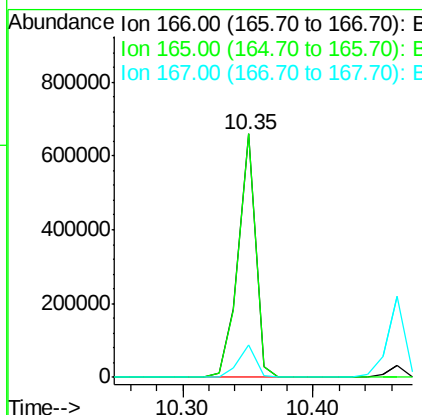
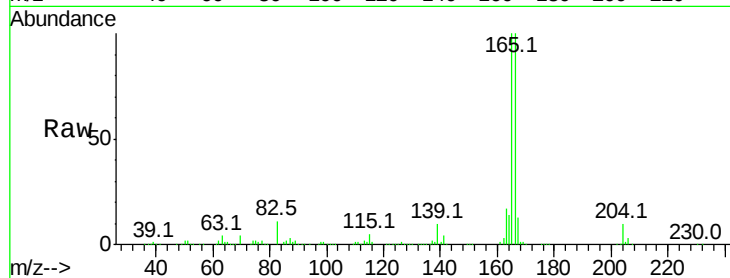
ClientSampleId :

PB89407BS

Tot Ion:	166	Resp:	610686
Ion Ratio	Lower	Upper	
166	100		
165	99.8	79.4	119.0
167	13.4	11.0	16.4

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#58

2,3,4,6-Tetrachlorophenol

Concen: 44.01 ng

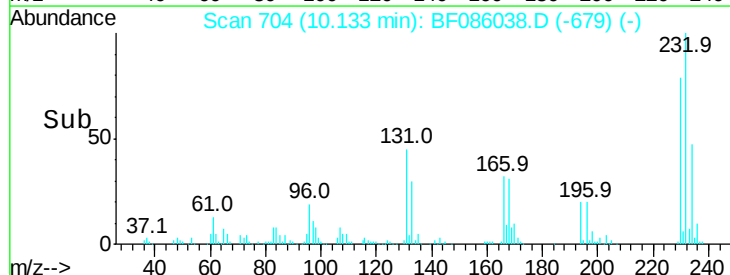
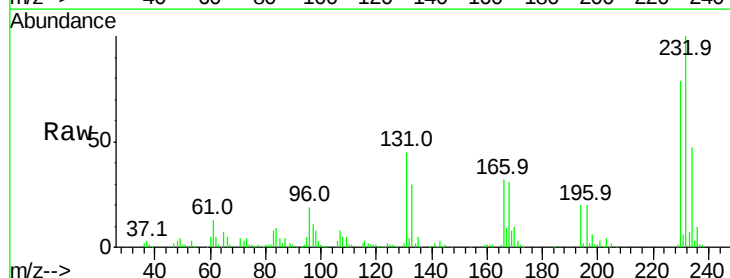
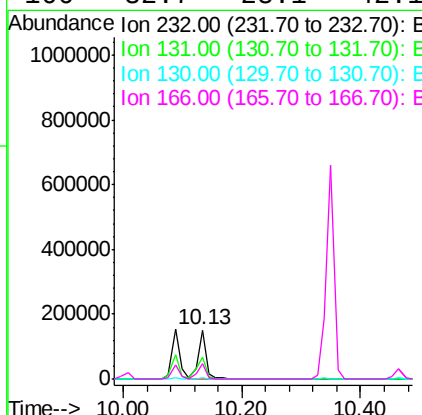
RT: 10.13 min Scan# 704

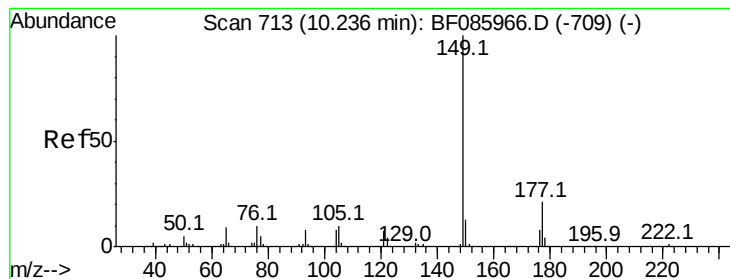
Delta R.T. -0.01 min

Lab File: BF086038.D

Acq: 4 Apr 2016 15:03

Tgt Ion:	232	Resp:	147248
Ion Ratio	Lower	Upper	
232	100		
131	52.3	44.9	67.3
130	2.7	2.3	3.5
166	32.7	28.1	42.1





#59

Diethylphthalate

Concen: 37.55 ng

RT: 10.22 min Scan# 712

Delta R.T. -0.01 min

Lab File: BF086038.D

Acq: 4 Apr 2016 15:03

Instrument :

BNA_F

ClientSampleId :

PB89407BS

Tot Ion:149 Resp: 644176

Ion Ratio Lower Upper

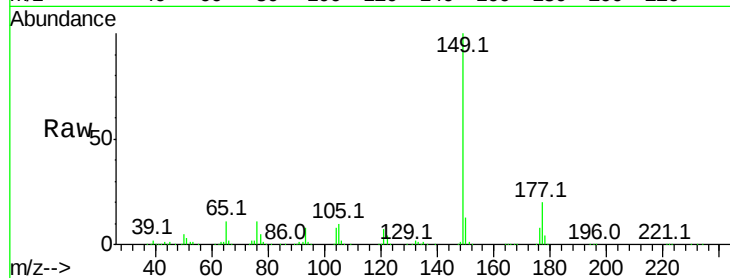
149 100

177 20.3 17.9 26.9

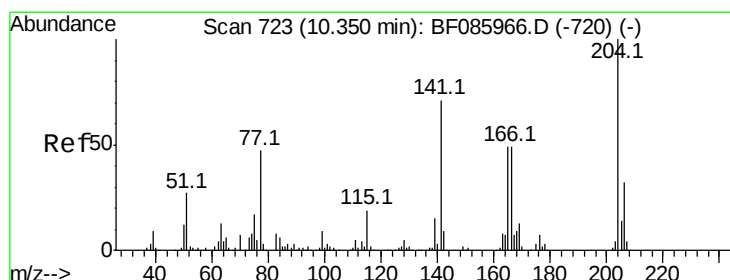
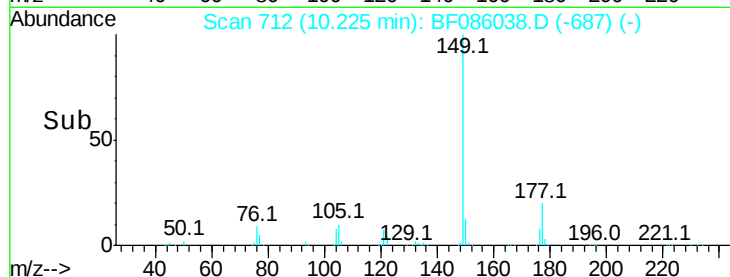
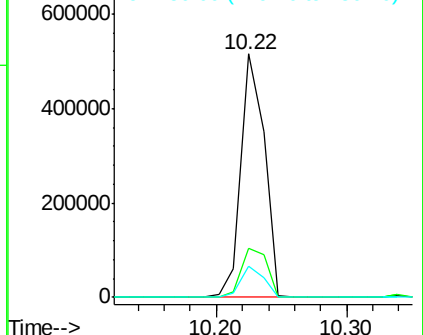
150 13.0 10.2 15.2

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



#60

4-Chlorophenyl-phenylether

Concen: 37.60 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF086038.D

Acq: 4 Apr 2016 15:03

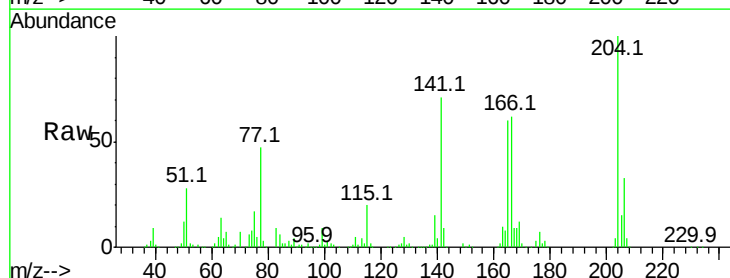
Tgt Ion:204 Resp: 269845

Ion Ratio Lower Upper

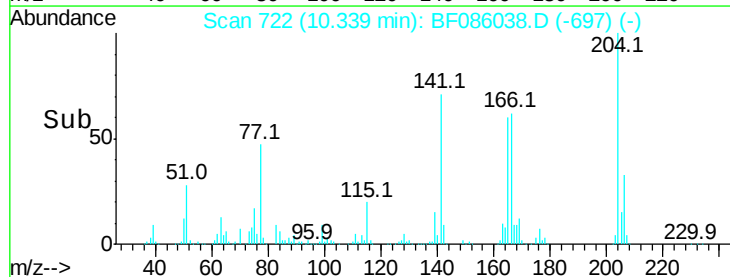
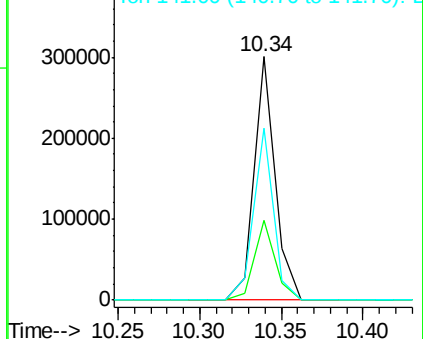
204 100

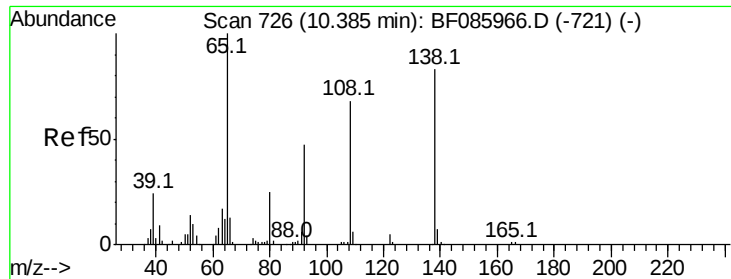
206 32.9 26.6 39.8

141 70.5 57.4 86.0



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





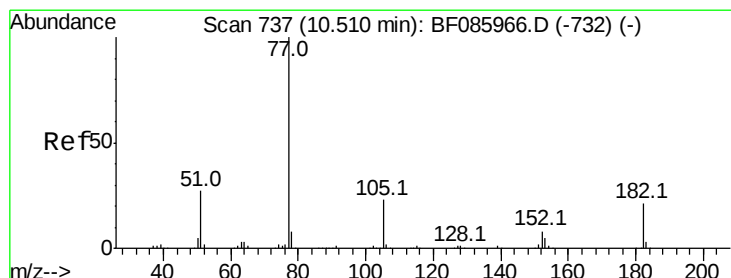
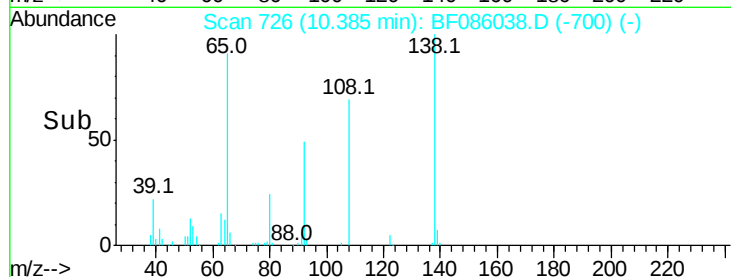
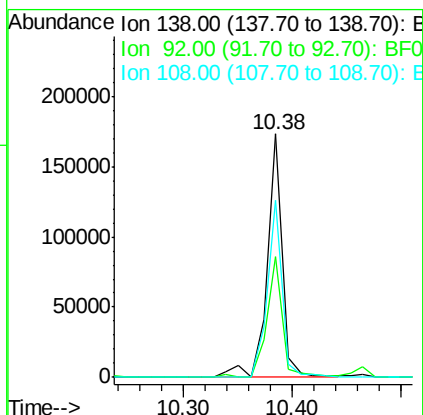
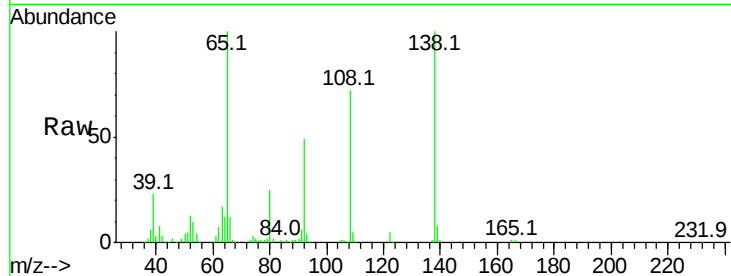
#61
4-Nitroaniline
Concen: 39.92 ng
RT: 10.38 min Scan# 726
Delta R.T. -0.00 min
Lab File: BF086038.D
Acq: 4 Apr 2016 15:03

Instrument :
BNA_F
ClientSampleId :
PB89407BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	170388		
92	49.4	26.4	66.4	
108	72.5	49.0	89.0	

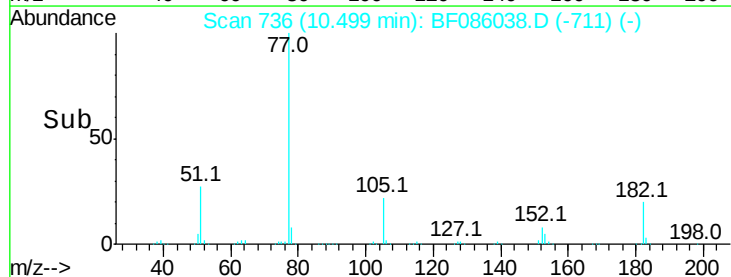
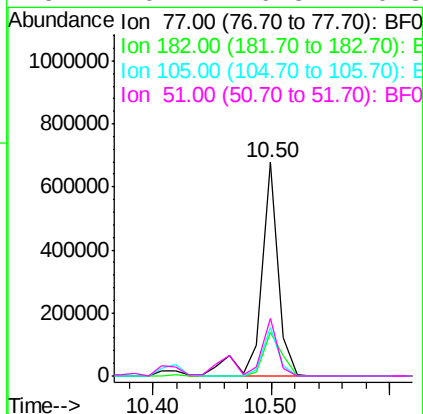
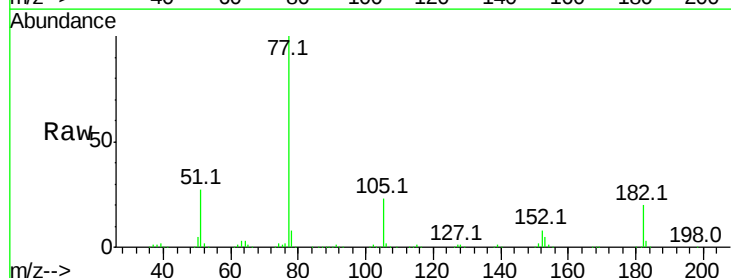
Manual Integrations
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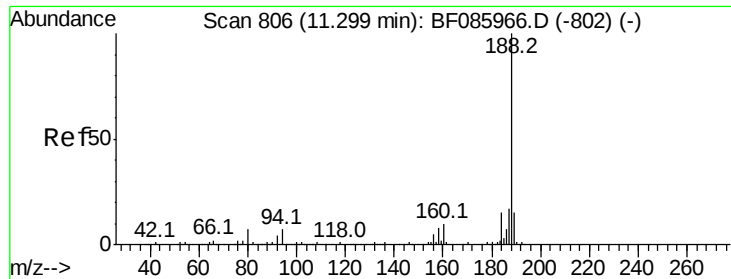
Sohil
4/5/2016 6:39:01 PM



#62
Azobenzene
Concen: 41.90 ng
RT: 10.50 min Scan# 736
Delta R.T. -0.01 min
Lab File: BF086038.D
Acq: 4 Apr 2016 15:03

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	688550		
182	20.3	1.9	41.9	
105	22.8	3.5	43.5	
51	26.7	6.3	46.3	





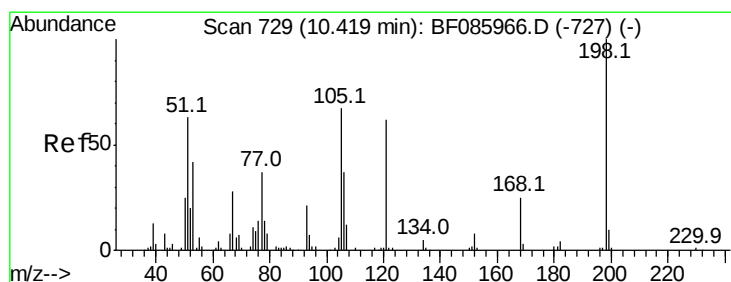
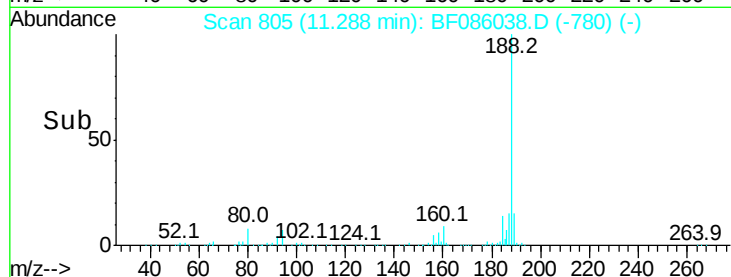
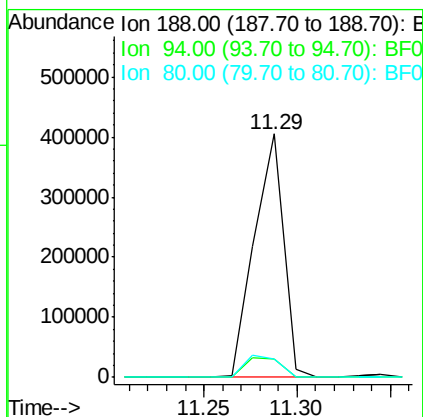
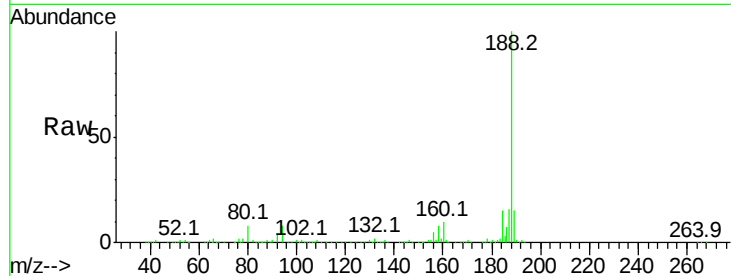
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF086038.D
Acq: 4 Apr 2016 15:03

Instrument :
BNA_F
ClientSampleId :
PB89407BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	439484		
94	7.6		5.4	8.0
80	7.7		5.5	8.3

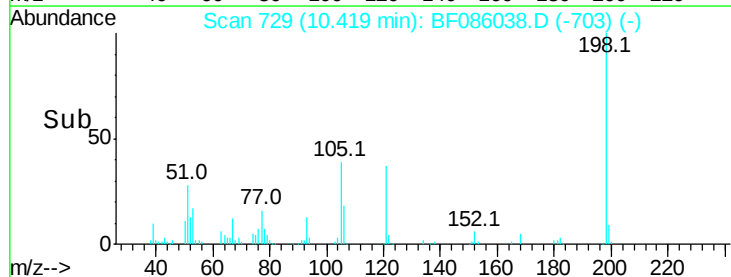
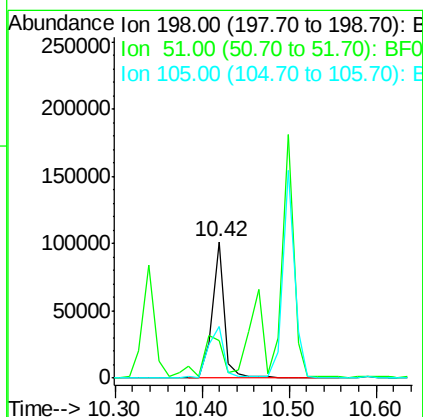
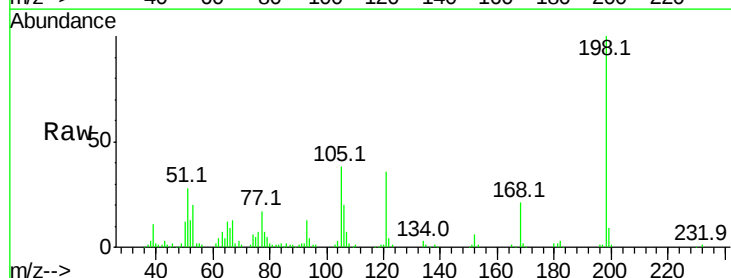
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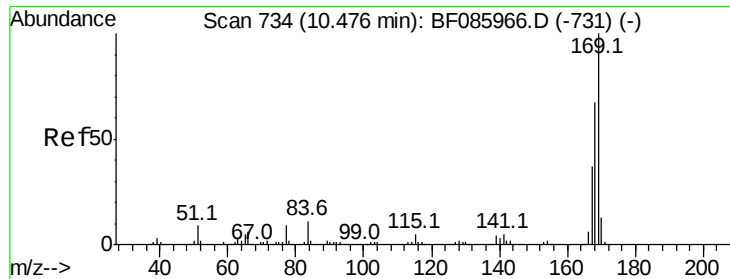
Sohil
4/5/2016 6:39:01 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 38.02 ng
RT: 10.42 min Scan# 729
Delta R.T. -0.00 min
Lab File: BF086038.D
Acq: 4 Apr 2016 15:03

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	101255		
51	27.7		45.4	85.4#
105	37.5		45.9	85.9#





#65

n-Nitrosodiphenylamine

Concen: 39.36 ng

RT: 10.46 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF086038.D

Acq: 4 Apr 2016 15:03

Instrument :

BNA_F

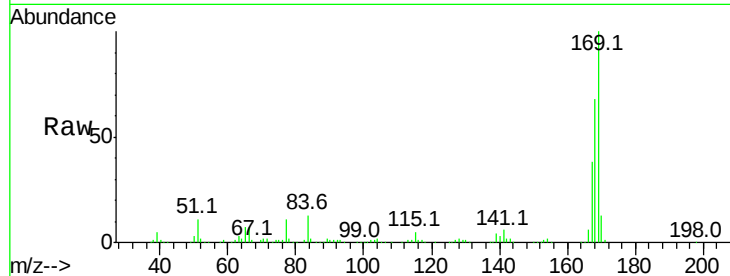
ClientSampleId :

PB89407BS

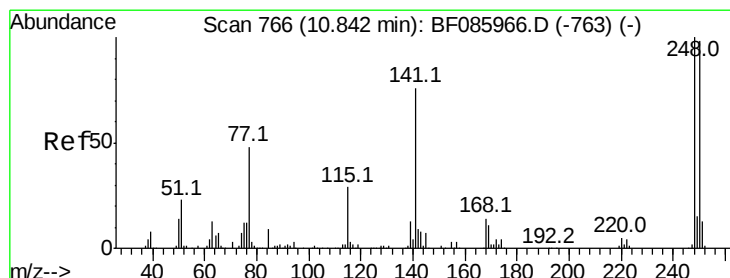
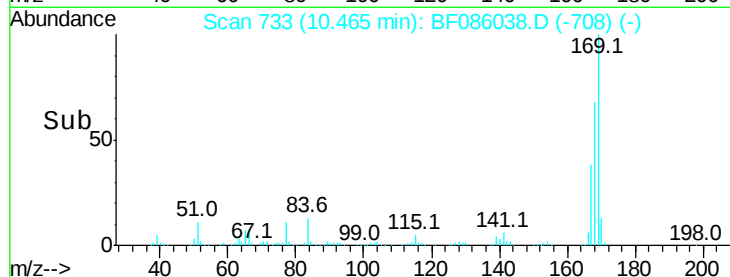
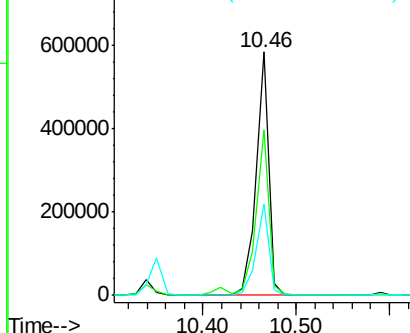
Tot Ion:	169	Resp:	540975
Ion Ratio	Lower	Upper	
169	100		
168	67.7	54.4	81.6
167	37.6	29.4	44.0

Manual Integrations
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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 39.65 ng

RT: 10.83 min Scan# 765

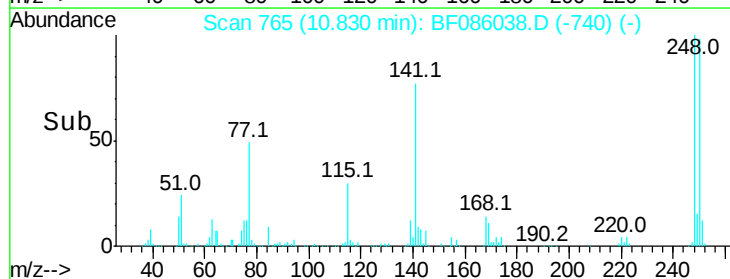
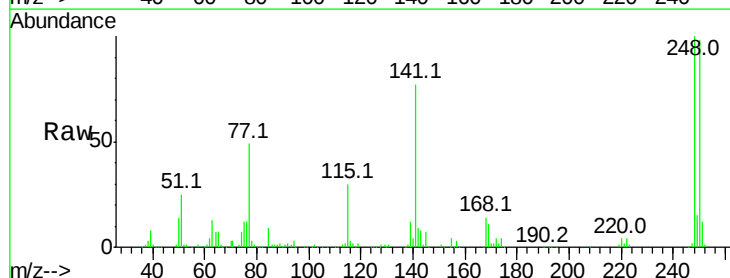
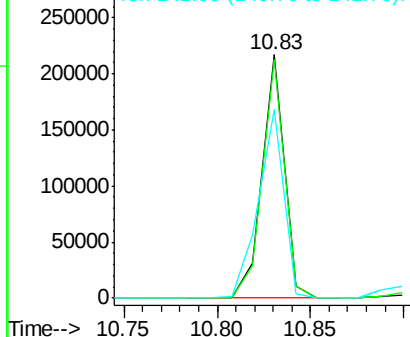
Delta R.T. -0.01 min

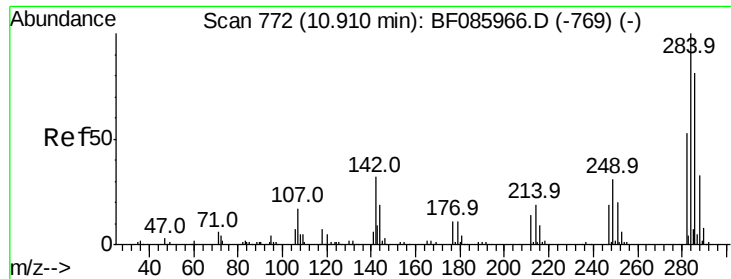
Lab File: BF086038.D

Acq: 4 Apr 2016 15:03

Tgt Ion:	248	Resp:	177917
Ion Ratio	Lower	Upper	
248	100		
250	97.9	77.4	116.0
141	77.4	63.6	95.4

Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





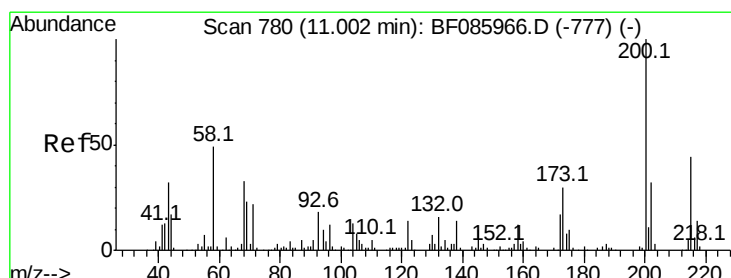
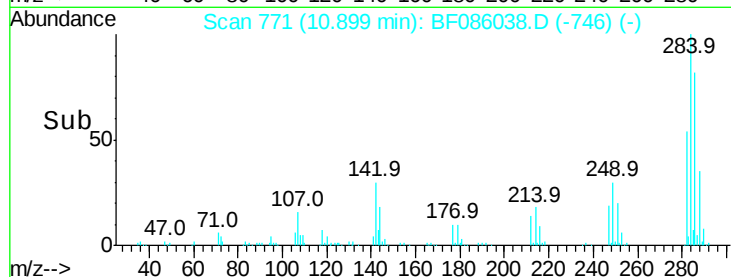
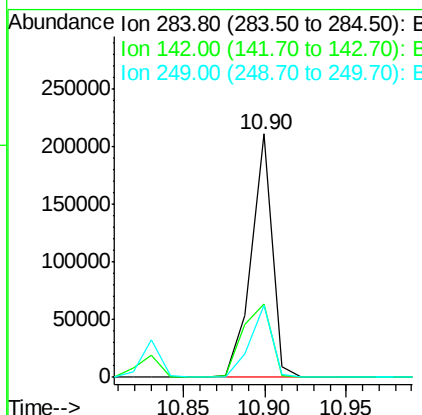
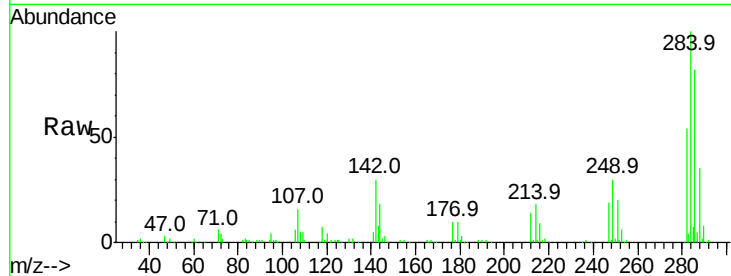
#67
Hexachlorobenzene
Concen: 40.77 ng
RT: 10.90 min Scan# 771
Delta R.T. -0.01 min
Lab File: BF086038.D
Acq: 4 Apr 2016 15:03

Instrument :
BNA_F
ClientSampleId :
PB89407BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	189191		
142	30.3	23.1	34.7	
249	29.6	24.2	36.2	

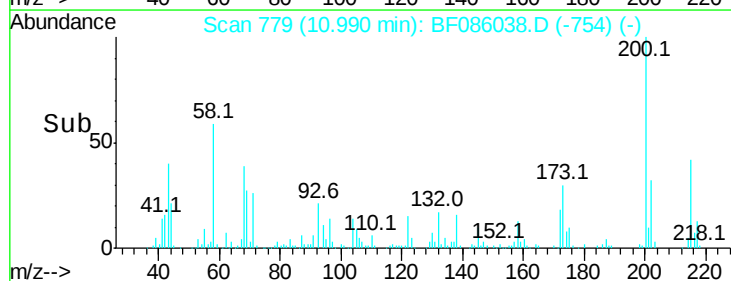
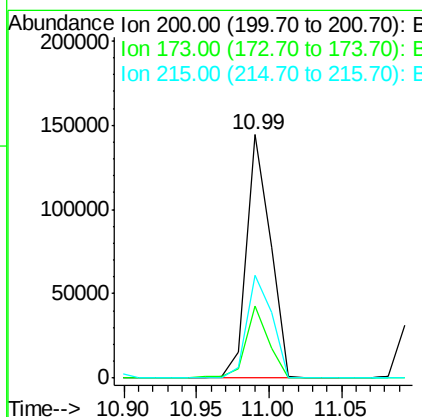
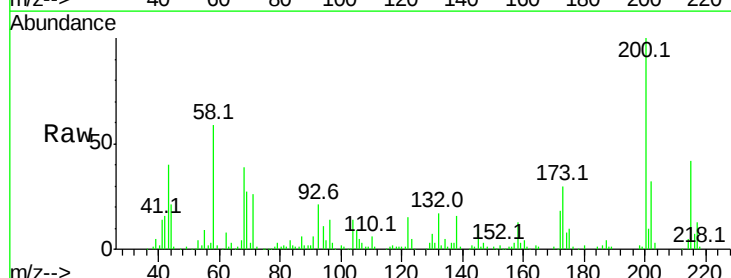
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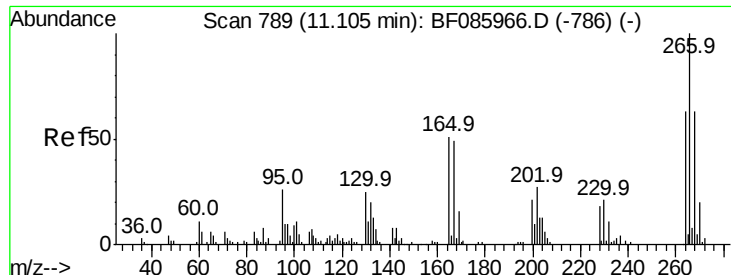
Sohil
4/5/2016 6:39:01 PM



#68
Atrazine
Concen: 37.13 ng
RT: 10.99 min Scan# 779
Delta R.T. -0.01 min
Lab File: BF086038.D
Acq: 4 Apr 2016 15:03

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	164884		
173	29.7	7.7	47.7	
215	42.2	25.4	65.4	





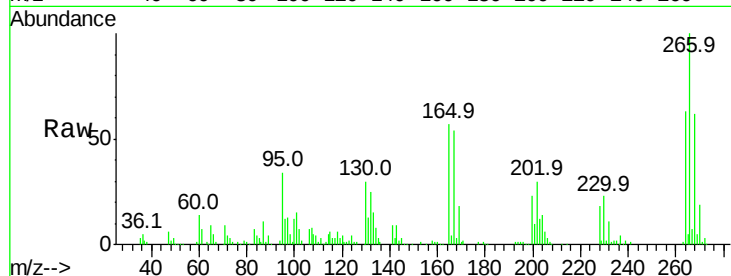
#69
 Pentachlorophenol
 Concen: 77.36 ng
 RT: 11.09 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF086038.D
 Acq: 4 Apr 2016 15:03

Instrument :
 BNA_F
 ClientSampleId :
 PB89407BS

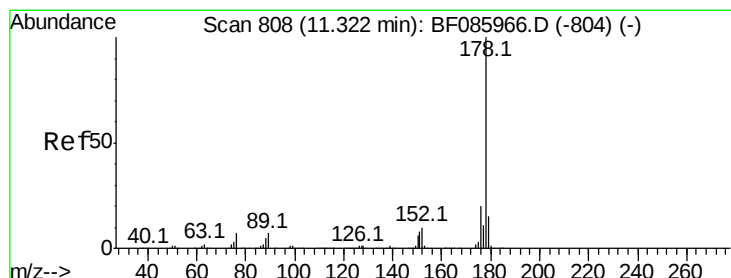
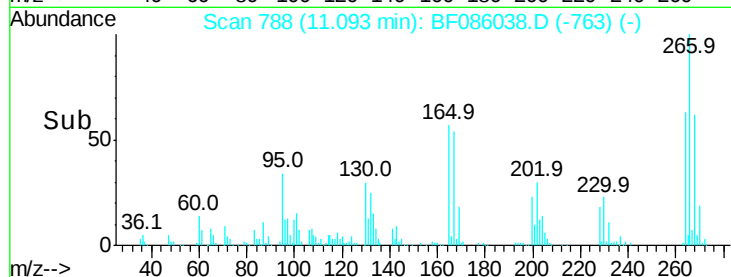
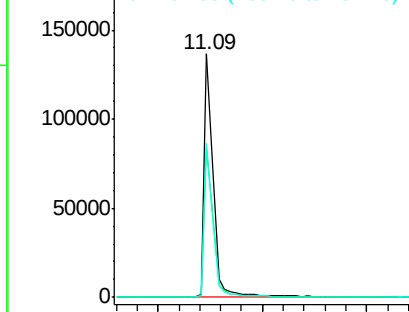
Tot Ion	Ratio	Resp	Lower	Upper
266	100	168220		
268	61.7	51.5	77.3	
264	63.1	50.6	76.0	

Manual Integrations
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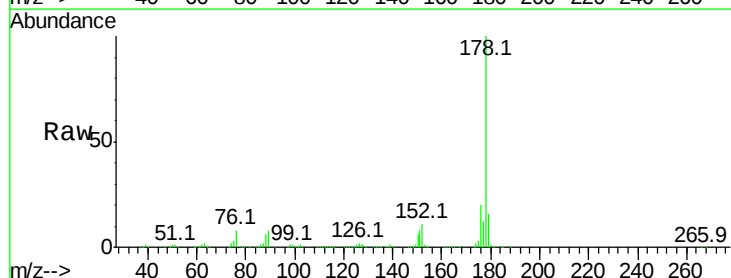


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

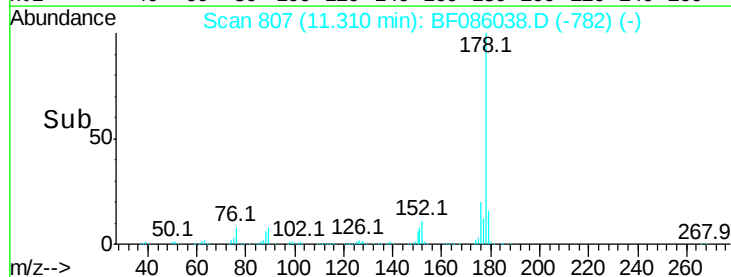
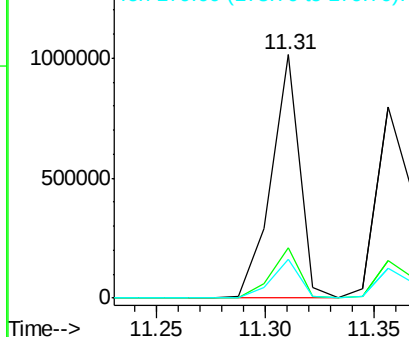


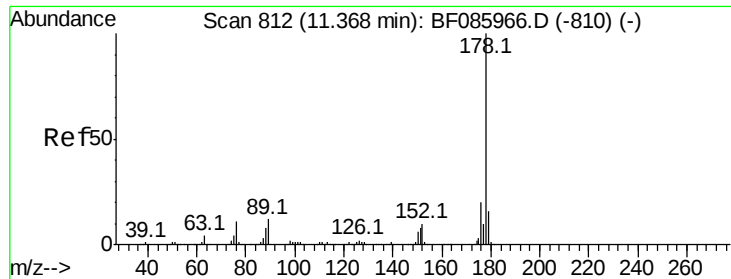
#70
 Phenanthrene
 Concen: 38.92 ng
 RT: 11.31 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF086038.D
 Acq: 4 Apr 2016 15:03

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	933204		
176	20.4	16.3	24.5	
179	15.7	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: 35.63 ng

RT: 11.36 min Scan# 811

Delta R.T. -0.01 min

Lab File: BF086038.D

Acq: 4 Apr 2016 15:03

Instrument :

BNA_F

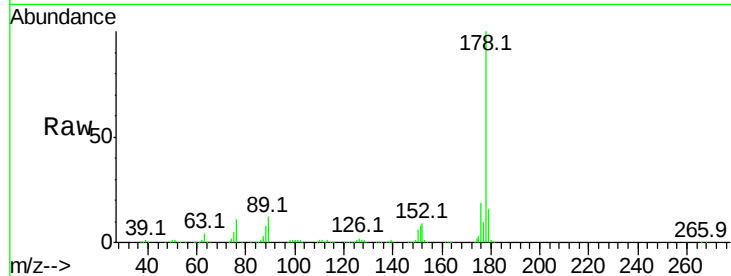
ClientSampleId :

PB89407BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.9	23.9
179	15.8	13.0	19.4

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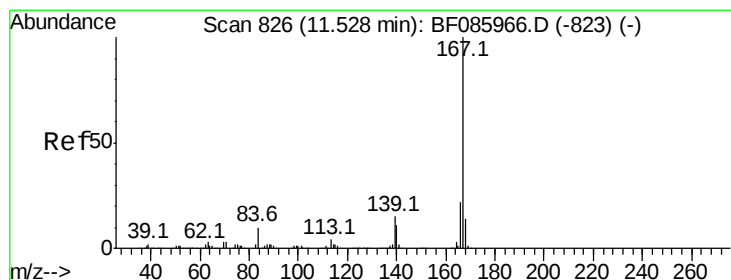
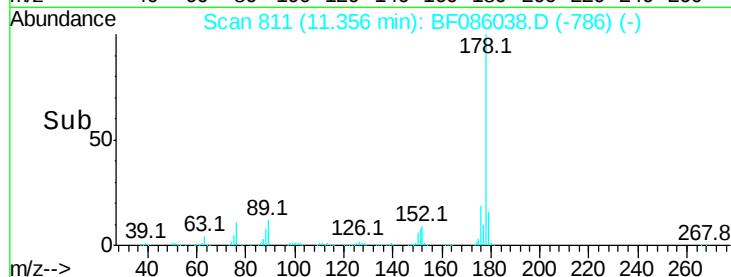
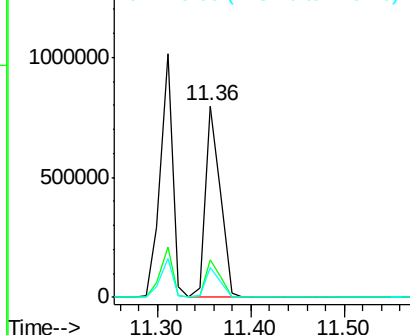
Sohil
4/5/2016 6:39:01 PM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 36.59 ng

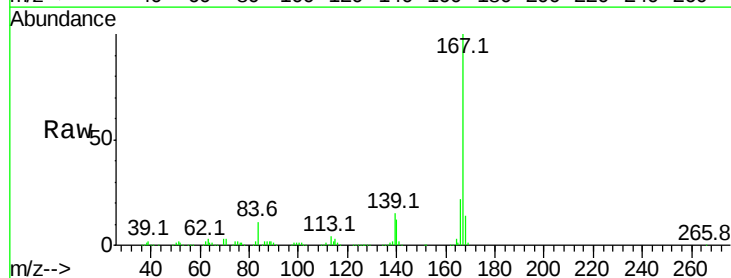
RT: 11.52 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF086038.D

Acq: 4 Apr 2016 15:03

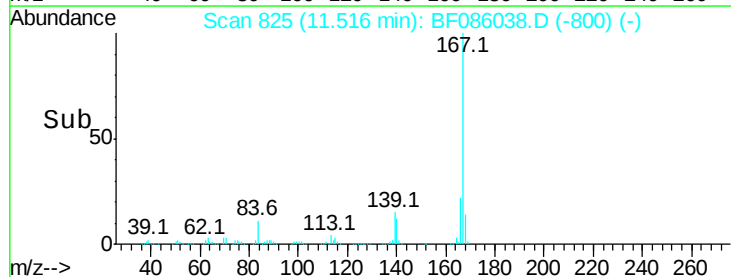
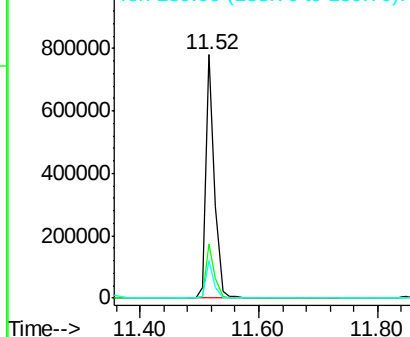
Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.8	26.8
139	15.2	11.6	17.4

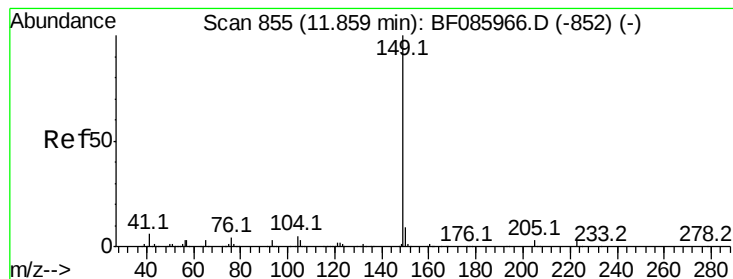


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





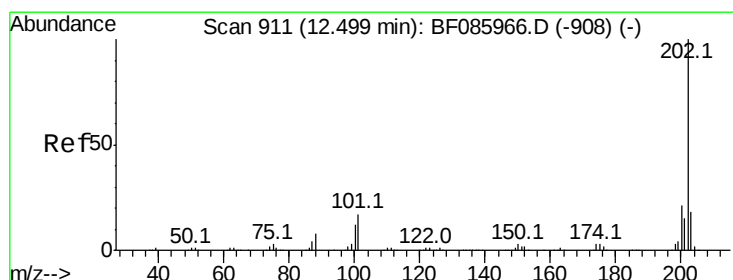
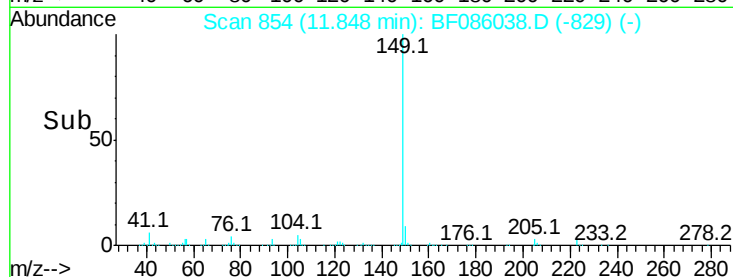
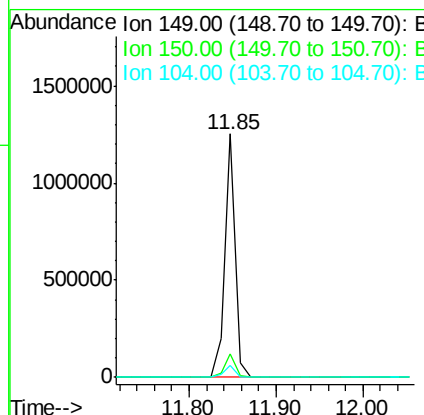
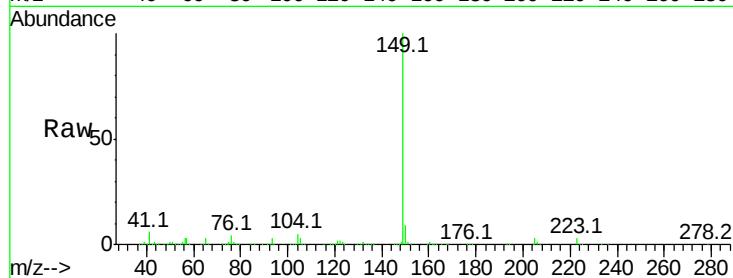
#73
Di-n-butylphthalate
Concen: 39.36 ng
RT: 11.85 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF086038.D
Acq: 4 Apr 2016 15:03

Instrument :
BNA_F
ClientSampleId :
PB89407BS

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.6	11.4
104	4.9	3.8	5.8

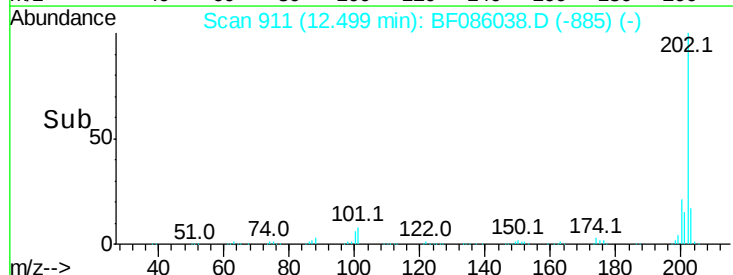
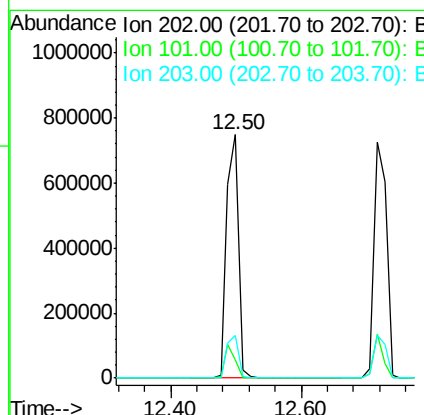
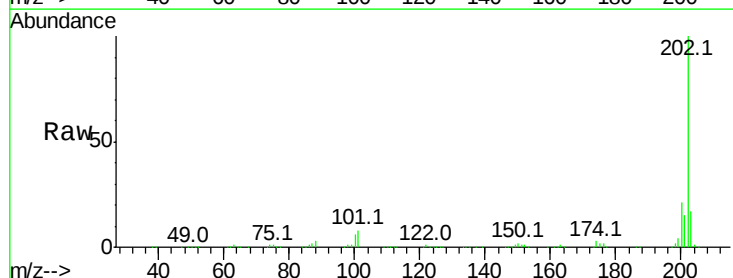
Manual Integrations
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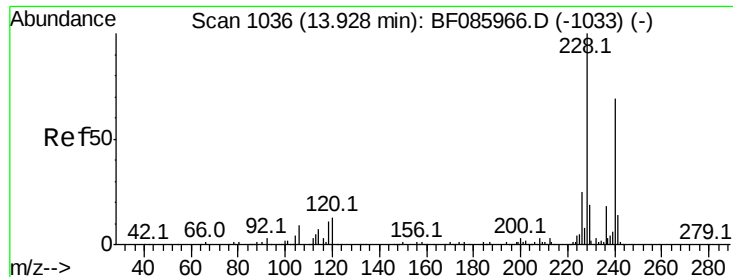
Sohil
4/5/2016 6:39:01 PM



#74
Fluoranthene
Concen: 38.42 ng
RT: 12.50 min Scan# 911
Delta R.T. -0.00 min
Lab File: BF086038.D
Acq: 4 Apr 2016 15:03

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.7	0.0	36.6
203	17.4	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.92 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF086038.D

Acq: 4 Apr 2016 15:03

Instrument :

BNA_F

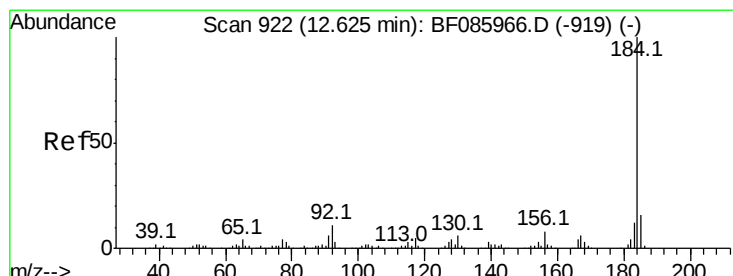
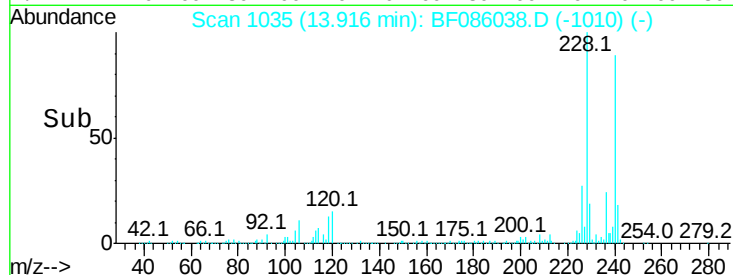
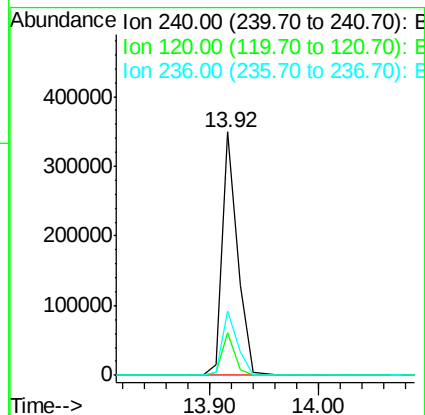
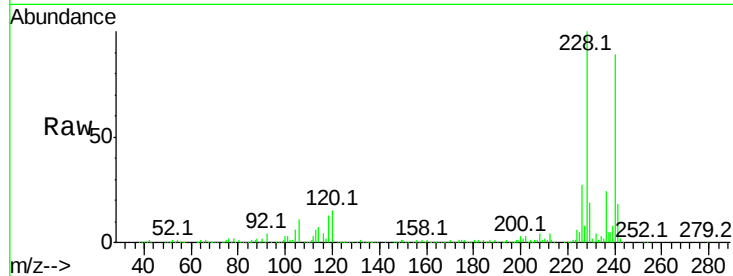
ClientSampleId :

PB89407BS

Tot Ion:	240	Resp:	343917
Ion Ratio	Lower	Upper	
240	100		
120	17.3	13.8	20.8
236	26.7	20.6	30.8

Manual Integrations
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#76

Benzidine

Concen: 25.98 ng

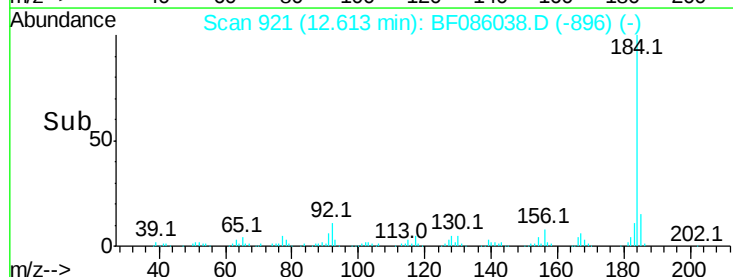
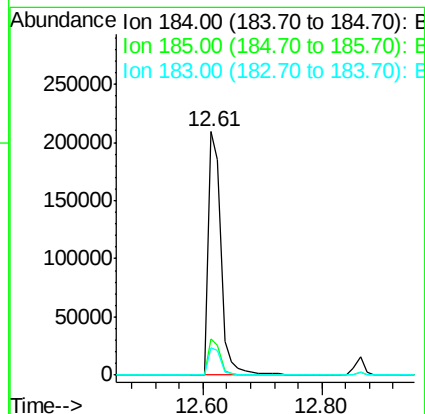
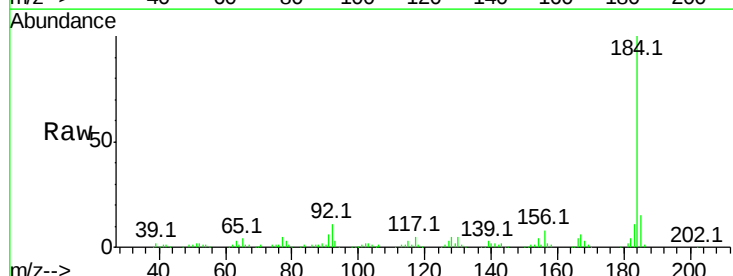
RT: 12.61 min Scan# 921

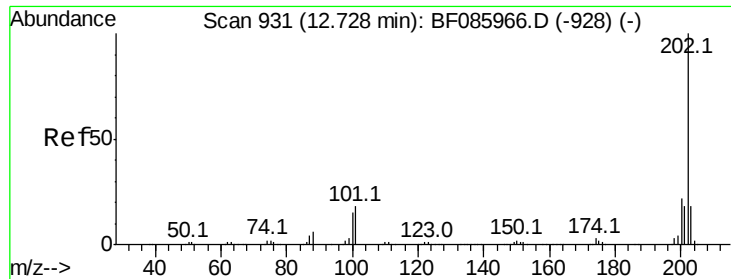
Delta R.T. -0.01 min

Lab File: BF086038.D

Acq: 4 Apr 2016 15:03

Tgt Ion:	184	Resp:	315185
Ion Ratio	Lower	Upper	
184	100		
185	15.1	12.4	18.6
183	11.3	9.4	14.2





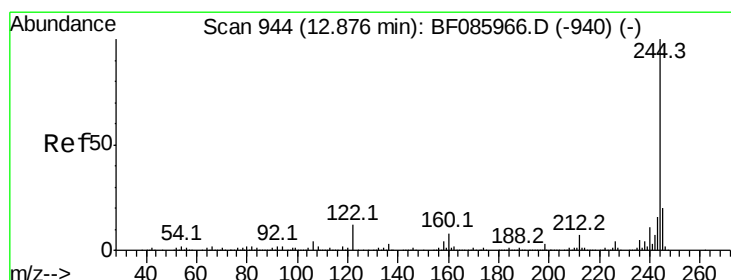
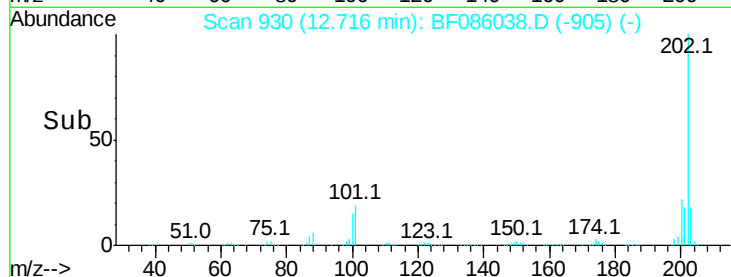
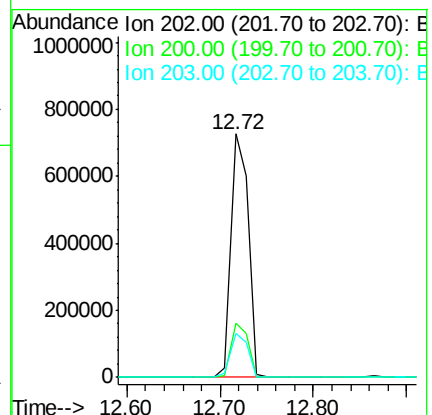
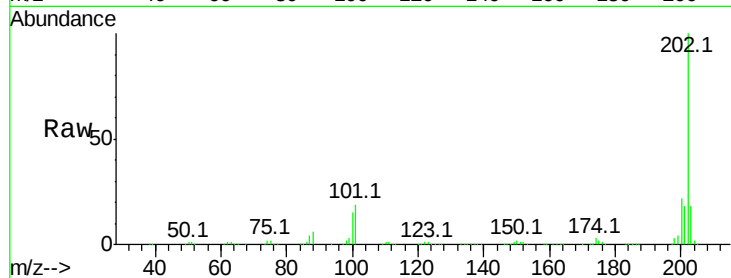
#77
Pvrene
Concen: 38.98 ng
RT: 12.72 min Scan# 930
Delta R.T. -0.01 min
Lab File: BF086038.D
Acq: 4 Apr 2016 15:03

Instrument :
BNA_F
ClientSampleId :
PB89407BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.4	17.6	26.4
203	18.1	14.0	21.0

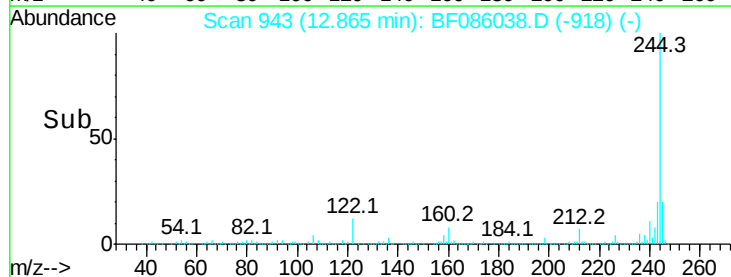
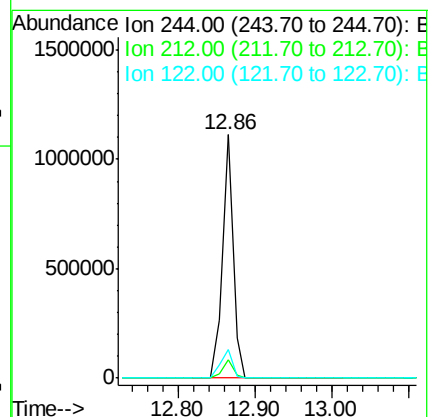
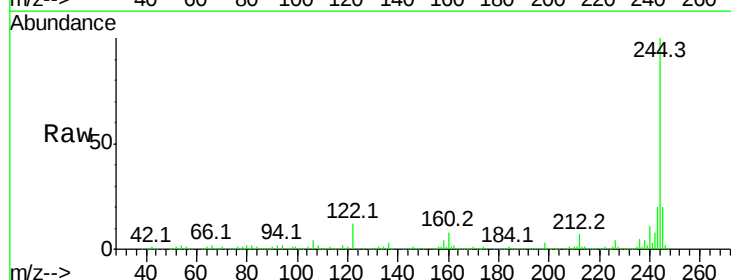
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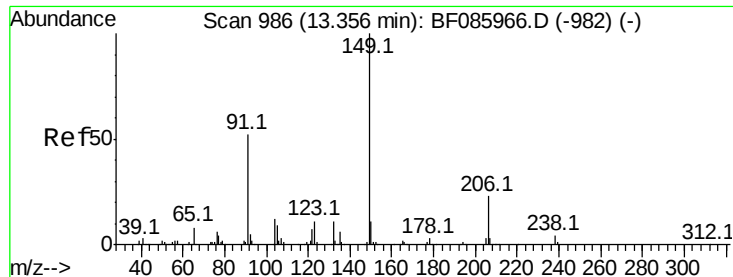
Sohil
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#78
Terphenyl-d14
Concen: 73.84 ng
RT: 12.86 min Scan# 943
Delta R.T. -0.01 min
Lab File: BF086038.D
Acq: 4 Apr 2016 15:03

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.1	9.1
122	12.0	10.2	15.4





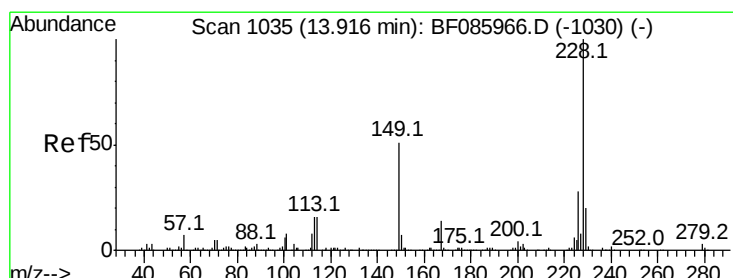
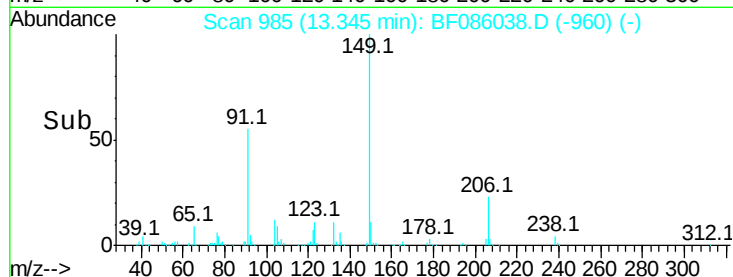
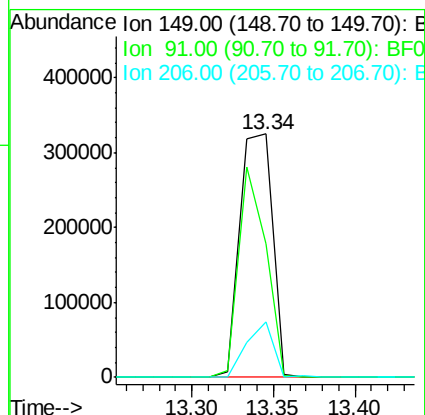
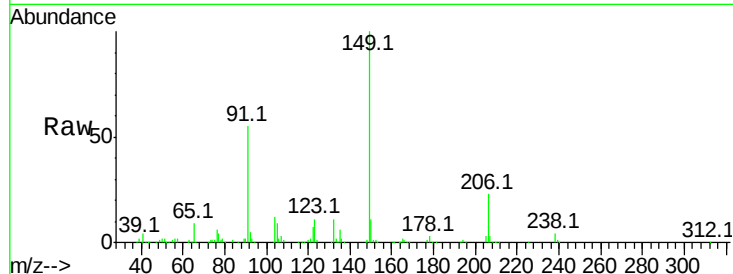
#79
Butylbenzylphthalate
Concen: 41.23 ng
RT: 13.34 min Scan# 985
Delta R.T. -0.01 min
Lab File: BF086038.D
Acq: 4 Apr 2016 15:03

Instrument :
BNA_F
ClientSampleId :
PB89407BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	449977		
91	54.7		45.8	68.8
206	22.6		17.8	26.8

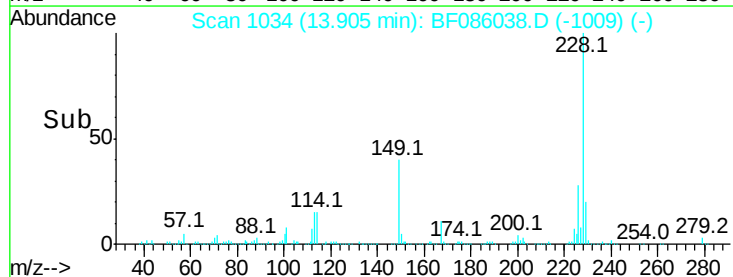
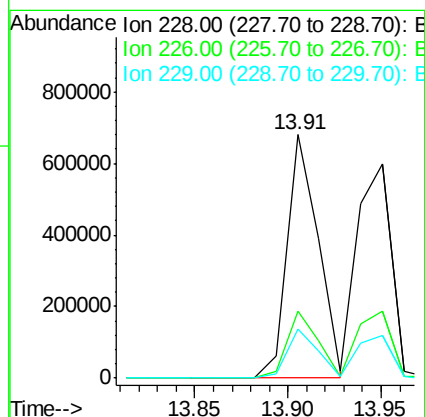
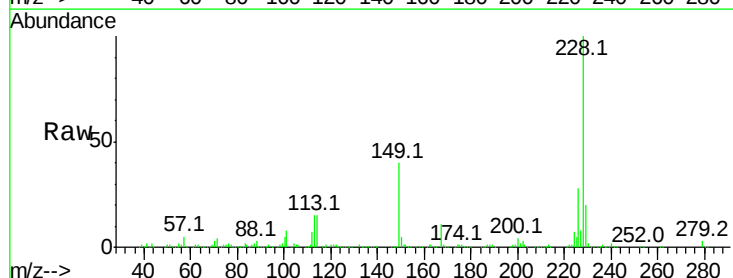
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#80
Benzo(a)anthracene
Concen: 39.07 ng
RT: 13.91 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF086038.D
Acq: 4 Apr 2016 15:03

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	792138		
226	27.7		22.1	33.1
229	20.4		16.2	24.4





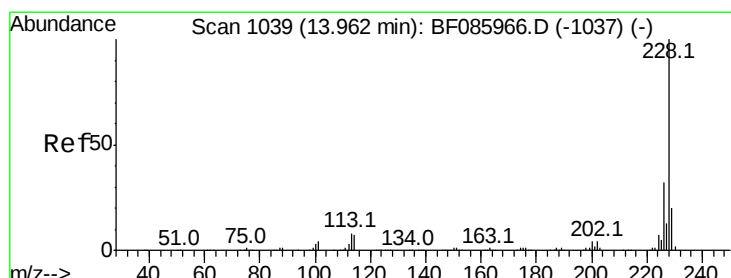
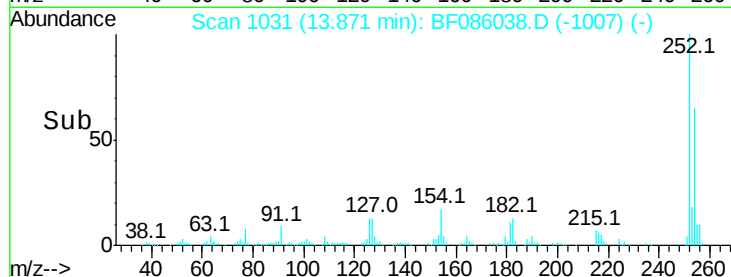
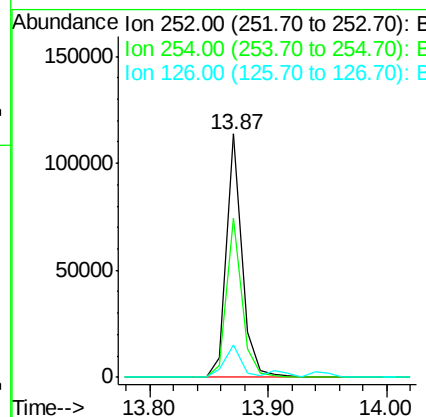
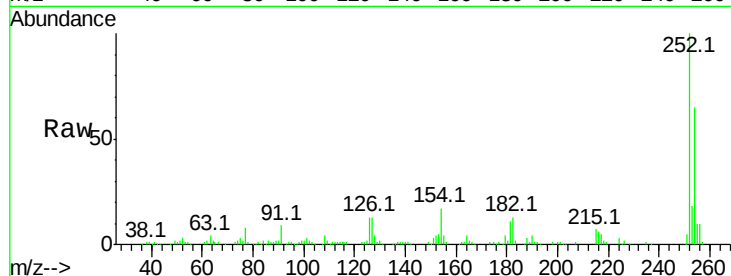
#81
 3,3'-Dichlorobenzidine
 Concen: 6.94 ng
 RT: 13.87 min Scan# 1031
 Delta R.T. -0.02 min
 Lab File: BF086038.D
 Acq: 4 Apr 2016 15:03

Instrument :
 BNA_F
 ClientSampleId :
 PB89407BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	102732		
254	65.2	50.7	76.1	
126	13.4	11.8	17.6	

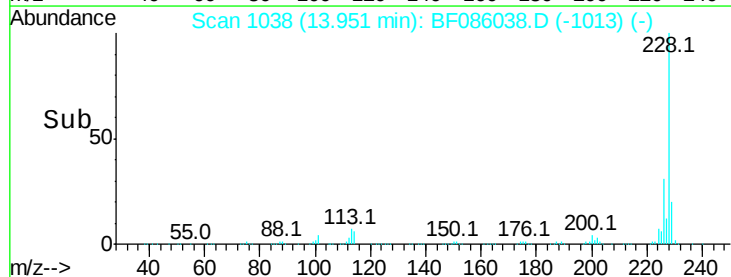
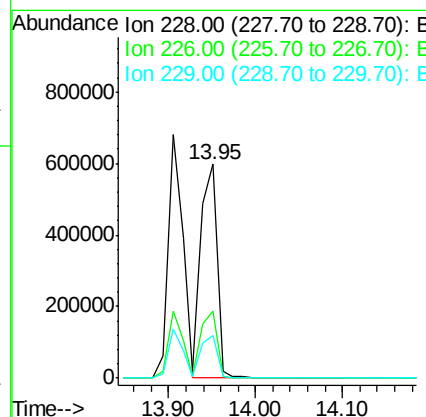
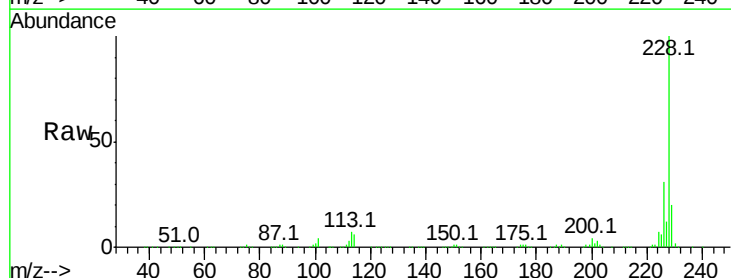
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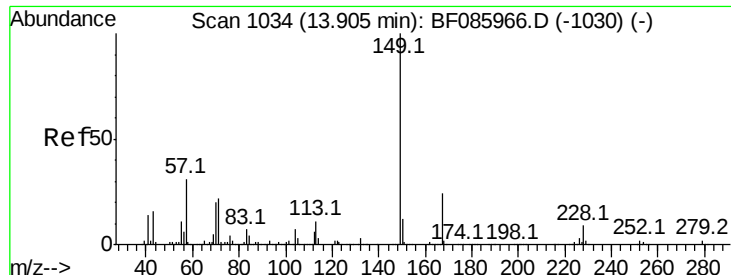
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#82
 Chrysene
 Concen: 39.34 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF086038.D
 Acq: 4 Apr 2016 15:03

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	768129		
226	31.3	25.0	37.6	
229	19.9	15.7	23.5	





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.02 ng

RT: 13.89 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF086038.D

Acq: 4 Apr 2016 15:03

Instrument :

BNA_F

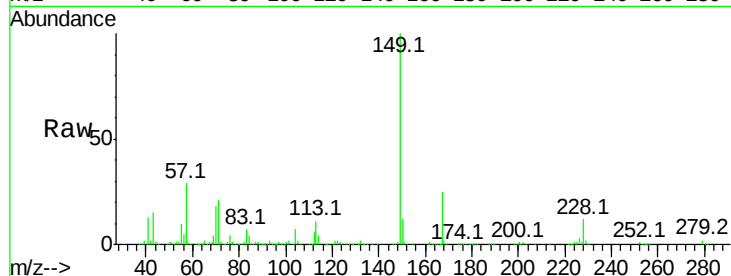
ClientSampleId :

PB89407BS

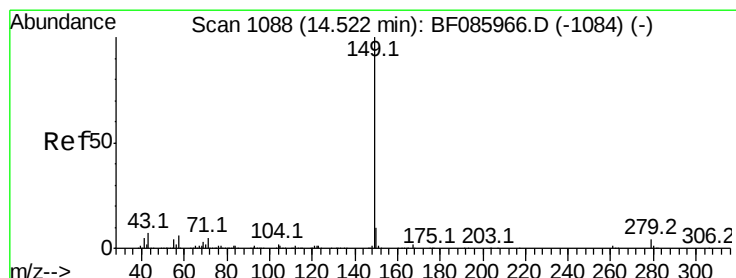
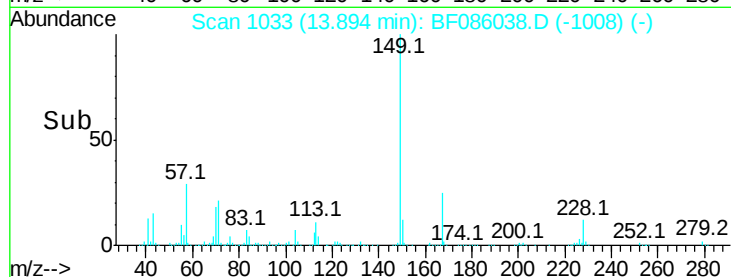
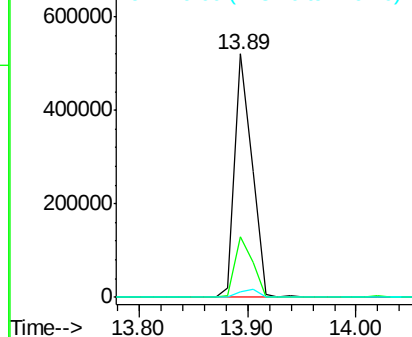
Tot Ion:	149	Resp:	565118
Ion Ratio	Lower	Upper	
149	100		
167	24.7	19.4	29.2
279	2.0	1.5	2.3

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 44.66 ng

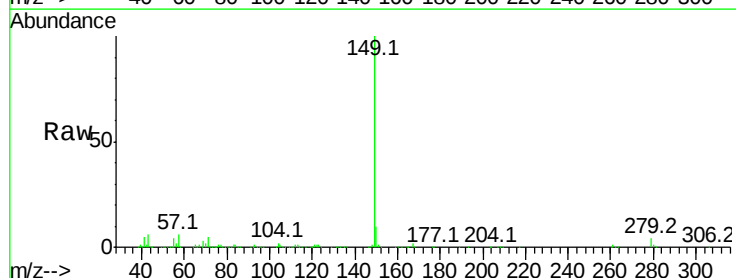
RT: 14.51 min Scan# 1087

Delta R.T. -0.01 min

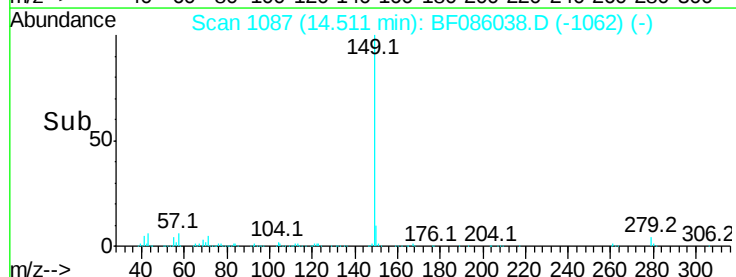
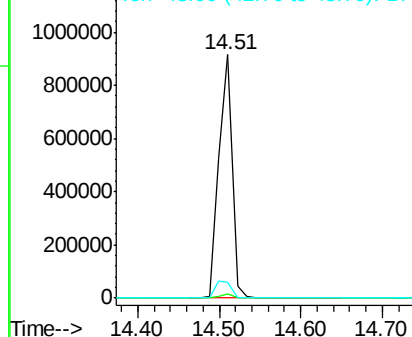
Lab File: BF086038.D

Acq: 4 Apr 2016 15:03

Tgt Ion:	149	Resp:	1032868
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	8.3	7.1	10.7



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 37.87 ng

RT: 16.68 min Scan# 1277

Delta R.T. -0.01 min

Lab File: BF086038.D

Acq: 4 Apr 2016 15:03

Instrument :

BNA_F

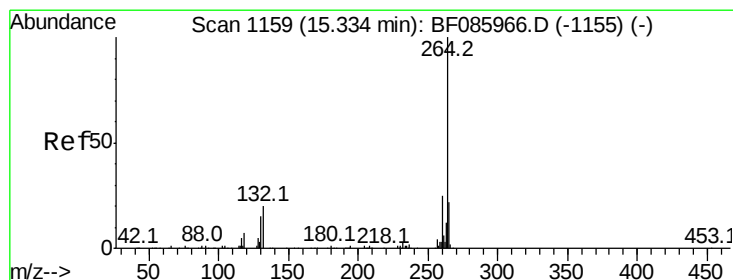
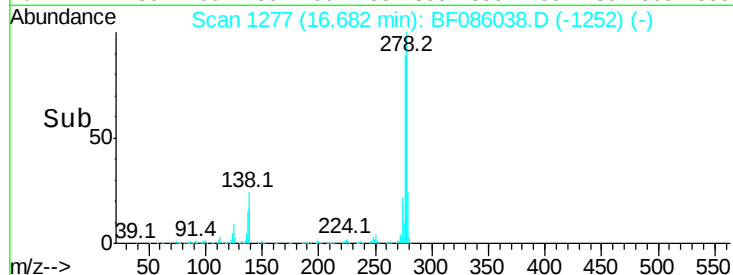
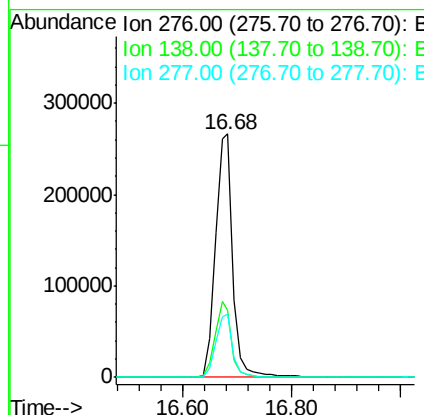
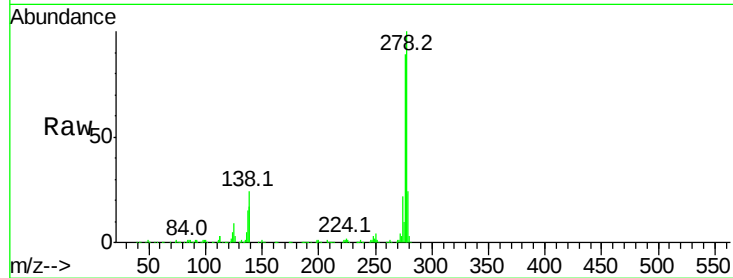
ClientSampleId :

PB89407BS

Tot Ion:	276	Resp:	599957
Ion Ratio	Lower	Upper	
276	100		
138	29.7	24.2	36.4
277	25.3	20.0	30.0

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#86

Perylene-d12

Concen: 20.00 ng

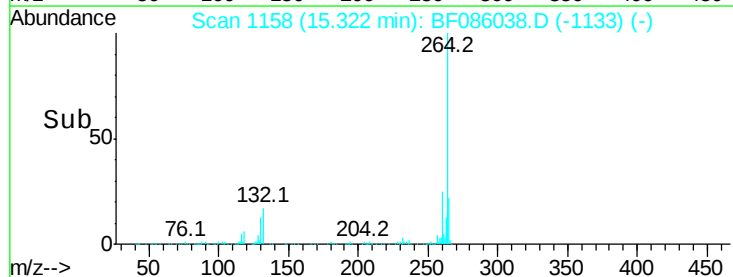
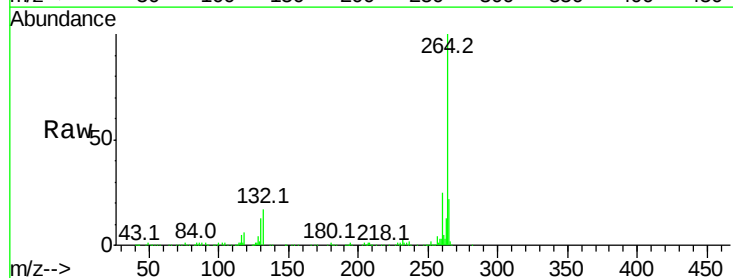
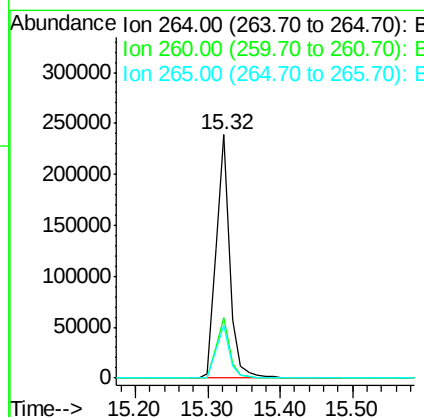
RT: 15.32 min Scan# 1158

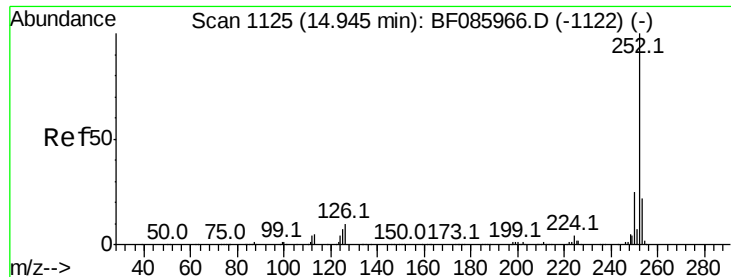
Delta R.T. -0.01 min

Lab File: BF086038.D

Acq: 4 Apr 2016 15:03

Tgt Ion:	264	Resp:	310693
Ion Ratio	Lower	Upper	
264	100		
260	24.9	19.4	29.2
265	21.7	17.2	25.8





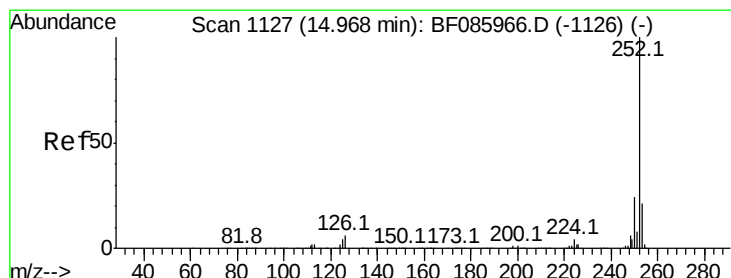
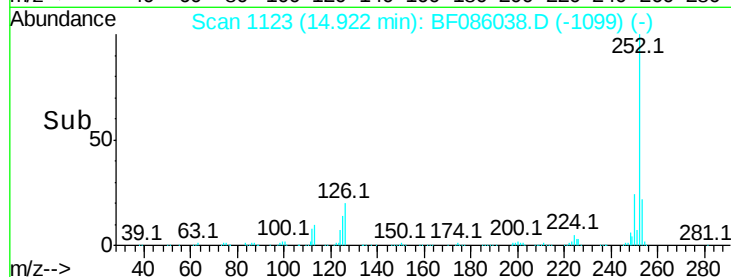
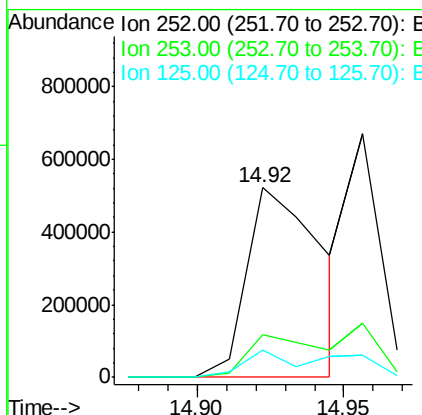
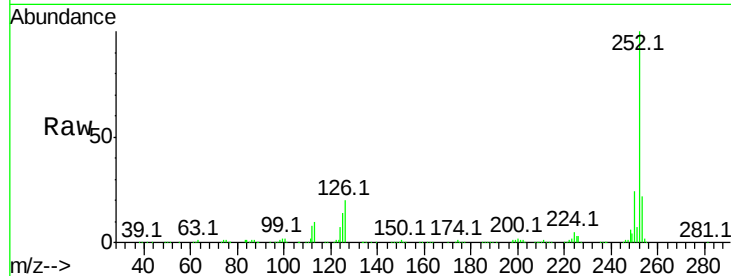
#87
Benzo(b)fluoranthene
Concen: 47.49 ng m
RT: 14.92 min Scan# 1123
Delta R.T. -0.02 min
Lab File: BF086038.D
Acq: 4 Apr 2016 15:03

Instrument :
BNA_F
ClientSampleId :
PB89407BS

Tot Ion:	252	Resp:	928087
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.6	26.4
125	14.4	10.3	15.5

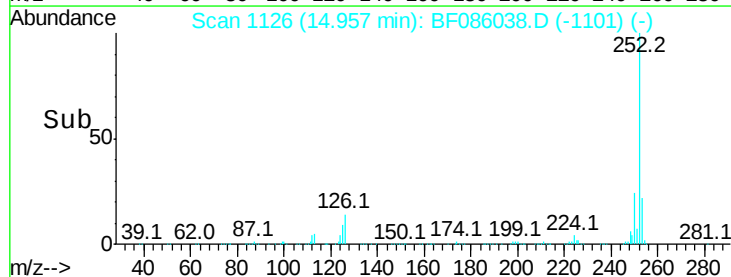
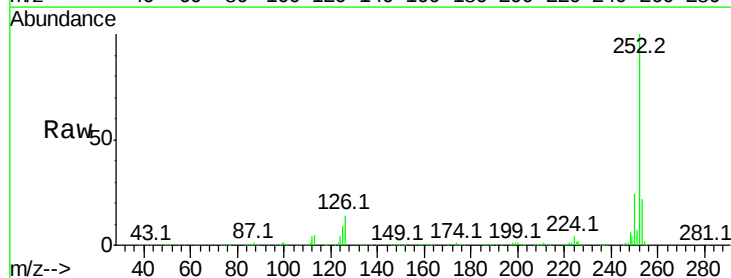
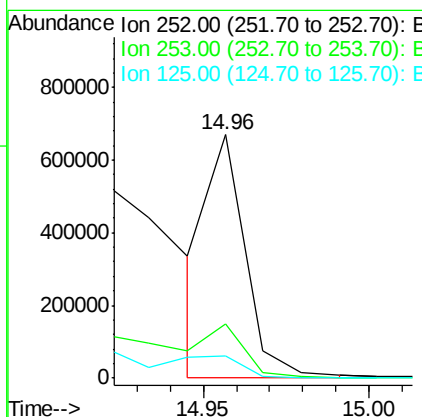
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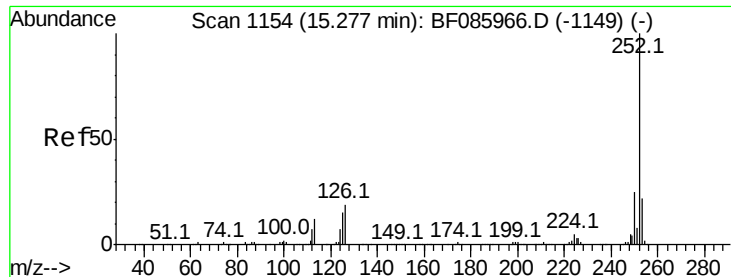
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#88
Benzo(k)fluoranthene
Concen: 30.53 ng m
RT: 14.96 min Scan# 1126
Delta R.T. -0.01 min
Lab File: BF086038.D
Acq: 4 Apr 2016 15:03

Tgt Ion:	252	Resp:	528379
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.8	26.6
125	9.2	7.7	11.5





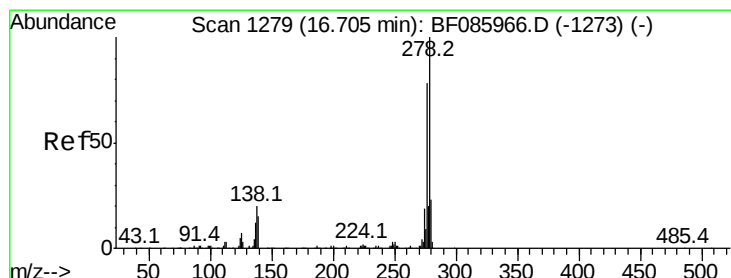
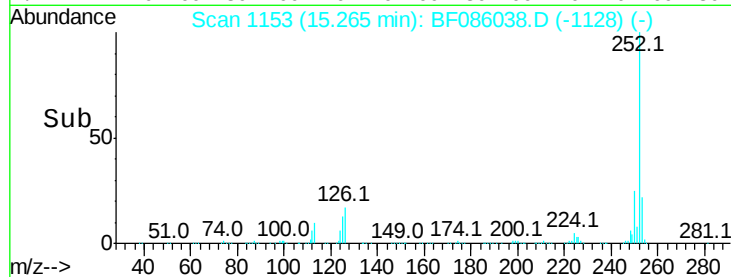
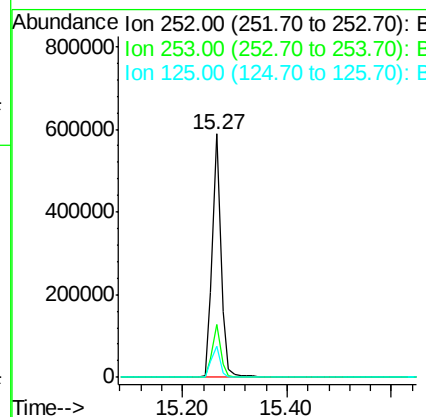
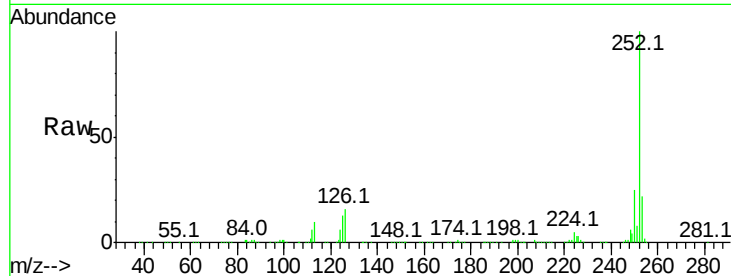
#89
Benzo(a)pyrene
Concen: 39.69 ng
RT: 15.27 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BF086038.D
Acq: 4 Apr 2016 15:03

Instrument :
BNA_F
ClientSampleId :
PB89407BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.0
125	12.6	10.3	15.5

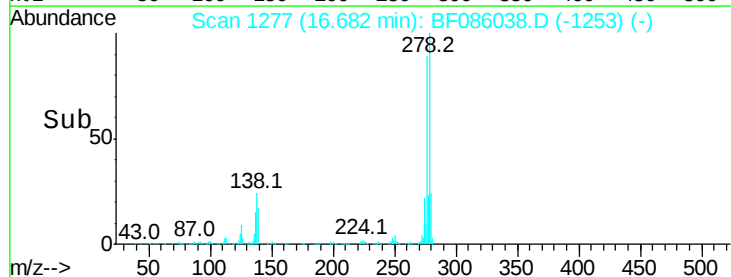
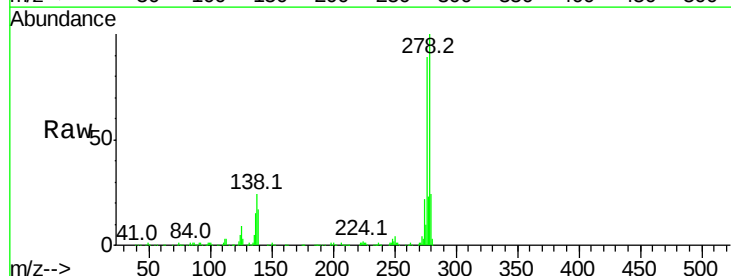
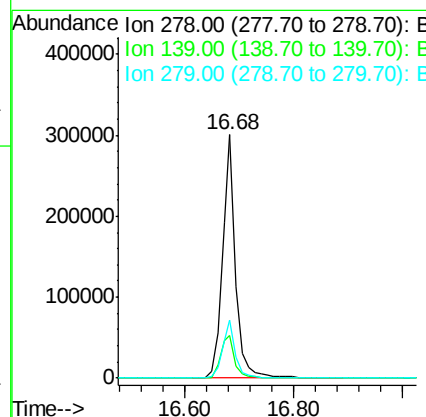
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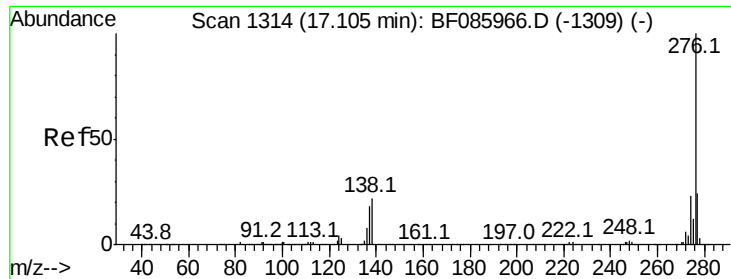
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#90
Dibenzo(a,h)anthracene
Concen: 36.55 ng
RT: 16.68 min Scan# 1277
Delta R.T. -0.02 min
Lab File: BF086038.D
Acq: 4 Apr 2016 15:03

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.3	14.4	21.6
279	23.6	19.1	28.7





#91
 Benzo(a,h,i)perylene
 Concen: 35.18 ng
 RT: 17.08 min Scan# 1312
 Delta R.T. -0.02 min
 Lab File: BF086038.D
 Acq: 4 Apr 2016 15:03

Instrument :
 BNA_F
 ClientSampleId :
 PB89407BS

Tot Ion:	276	Resp:	474278
Ion Ratio	Lower	Upper	
276	100		
277	23.6	18.8	28.2
138	22.7	22.6	34.0

Manual Integrations
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 4/5/2016 6:39:01 PM

