

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040816\
 Data File : BF086177.D
 Acq On : 8 Apr 2016 19:27
 Operator : UM/SJ
 Sample : PB89682BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB89682BS

Manual Integrations
 APPROVED

Sohil
 4/11/2016 5:45:13 PM

Quant Time: Apr 11 14:27:49 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	6.73	152	119414	20.00	ng	-0.05
21) Naphthalene-d8	8.01	136	481888	20.00	ng	-0.06
38) Acenaphthene-d10	9.77	164	238423	20.00	ng	-0.05
63) Phenanthrene-d10	11.25	188	423526	20.00	ng	-0.05
75) Chrysene-d12	13.88	240	323853	20.00	ng	-0.05
86) Perylene-d12	15.28	264	261028	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	809841	115.92	ng	-0.03
7) Phenol-d6	6.38	99	1056933	119.11	ng	-0.03
23) Nitrobenzene-d5	7.30	82	652134	79.81	ng	-0.05
41) 2,4,6-Tribromophenol	10.56	330	268890	120.16	ng	-0.05
44) 2-Fluorobiphenyl	9.09	172	1236762	86.25	ng	-0.05
78) Terphenyl-d14	12.83	244	1114163	80.87	ng	-0.05

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.33	88	109537	33.07	ng	97
3) Pyridine	3.01	79	290078	39.12	ng	98
4) n-Nitrosodimethylamine	2.97	42	138914	42.60	ng	97
6) Aniline	6.40	93	249581	21.44	ng	# 1
8) 2-Chlorophenol	6.51	128	329023	39.49	ng	87
9) Benzaldehyde	6.28	77	101397	21.24	ng	93
10) Phenol	6.40	94	450518	44.51	ng	92
11) bis(2-Chloroethyl)ether	6.48	93	321551m	40.12	ng	
12) 1,3-Dichlorobenzene	6.67	146	344799	39.05	ng	99
13) 1,4-Dichlorobenzene	6.74	146	348016	38.25	ng	99
14) 1,2-Dichlorobenzene	6.90	146	316991	37.86	ng	99
15) Benzyl Alcohol	6.89	79	253926	44.23	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.01	45	352411	35.99	ng	74
17) 2-Methylphenol	7.00	107	283187	43.11	ng	95
18) Hexachloroethane	7.23	117	124748	37.28	ng	# 85
19) n-Nitroso-di-n-propylamine	7.15	70	213657	38.85	ng	93
20) 3+4-Methylphenols	7.16	107	360843	45.17	ng	# 62
22) Acetophenone	7.15	105	463319	40.90	ng	# 90
24) Nitrobenzene	7.32	77	366495	41.00	ng	# 88
25) Isophorone	7.56	82	667827	41.40	ng	96
26) 2-Nitrophenol	7.64	139	182514	42.67	ng	91
27) 2,4-Dimethylphenol	7.69	122	333218	43.38	ng	95
28) bis(2-Chloroethoxy)methane	7.77	93	390594	41.27	ng	99
29) 2,4-Dichlorophenol	7.88	162	279057	42.97	ng	99
30) 1,2,4-Trichlorobenzene	7.96	180	294844	40.44	ng	94
31) Naphthalene	8.03	128	942866	38.90	ng	100
32) Benzoic acid	7.84	122	188265	33.40	ng	99
33) 4-Chloroaniline	8.10	127	114683	11.71	ng	98
34) Hexachlorobutadiene	8.16	225	148417	37.87	ng	97
35) Caprolactam	8.48	113	94151m	45.70	ng	
36) 4-Chloro-3-methylphenol	8.59	107	306944	42.04	ng	96
37) 2-Methylnaphthalene	8.73	142	658224	41.57	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	274919	38.36	ng	99
40) Hexachlorocyclopentadiene	8.88	237	176683	71.33	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	182358	39.63	nq	100
43) 2,4,5-Trichlorophenol	9.06	196	194588	41.65	nq #	87
45) 1,1'-Biphenyl	9.20	154	779009	37.89	nq	95
46) 2-Chloronaphthalene	9.22	162	603317	40.48	nq	97
47) 2-Nitroaniline	9.32	65	189487	43.46	nq	98
48) Acenaphthylene	9.63	152	948931	39.75	nq	100
49) Dimethylphthalate	9.50	163	737427	41.73	nq	99
50) 2,6-Dinitrotoluene	9.56	165	142424	38.09	nq	93
51) Acenaphthene	9.80	154	582190	41.01	nq	99
52) 3-Nitroaniline	9.73	138	90711	20.13	nq	99
53) 2,4-Dinitrophenol	9.86	184	146183	63.64	nq #	65
54) Dibenzofuran	9.97	168	797801	42.55	nq	99
55) 4-Nitrophenol	9.92	139	164141	61.79	nq	86
56) 2,4-Dinitrotoluene	9.97	165	175406	37.13	nq #	49
57) Fluorene	10.32	166	654613	40.87	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.10	232	158065	45.44	nq	96
59) Diethylphthalate	10.20	149	705944	39.58	nq	97
60) 4-Chlorophenyl-phenylether	10.30	204	285094	38.21	nq	99
61) 4-Nitroaniline	10.35	138	156362	35.23	nq	89
62) Azobenzene	10.46	77	735800	43.07	nq	99
64) 4,6-Dinitro-2-methylphenol	10.38	198	100506	39.16	nq	88
65) n-Nitrosodiphenylamine	10.43	169	571040	43.11	nq	99
66) 4-Bromophenyl-phenylether	10.80	248	196533	45.45	nq	95
67) Hexachlorobenzene	10.86	284	203911	45.60	nq	96
68) Atrazine	10.96	200	176141	41.16	nq	96
69) Pentachlorophenol	11.06	266	155704	74.30	nq	98
70) Phenanthrene	11.28	178	999623	43.26	nq	100
71) Anthracene	11.32	178	898672	37.13	nq	99
72) Carbazole	11.48	167	783011	37.63	nq	99
73) Di-n-butylphthalate	11.81	149	1103320	42.80	nq	100
74) Fluoranthene	12.45	202	919995	38.28	nq	99
76) Benzidine	12.58	184	312408	27.34	nq	99
77) Pyrene	12.68	202	902845	39.56	nq	99
79) Butylbenzylphthalate	13.30	149	455081	44.29	nq #	71
80) Benzo(a)anthracene	13.87	228	780739	40.90	nq	99
81) 3,3'-Dichlorobenzidine	13.84	252	138494	9.93	nq	98
82) Chrysene	13.92	228	733152	39.87	nq	99
83) Bis(2-ethylhexyl)phthalate	13.86	149	581990	42.67	nq	100
84) Di-n-octyl phthalate	14.48	149	1074615	49.34	nq	98
85) Indeno(1,2,3-cd)pyrene	16.61	276	594043	39.82	nq	99
87) Benzo(b)fluoranthene	14.89	252	646427m	39.37	nq	
88) Benzo(k)fluoranthene	14.91	252	652136m	44.85	nq	
89) Benzo(a)pyrene	15.22	252	602699	41.43	nq	98
90) Dibenzo(a,h)anthracene	16.63	278	502893	42.96	nq	97
91) Benzo(g,h,i)perylene	17.01	276	491016	43.35	nq	96

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

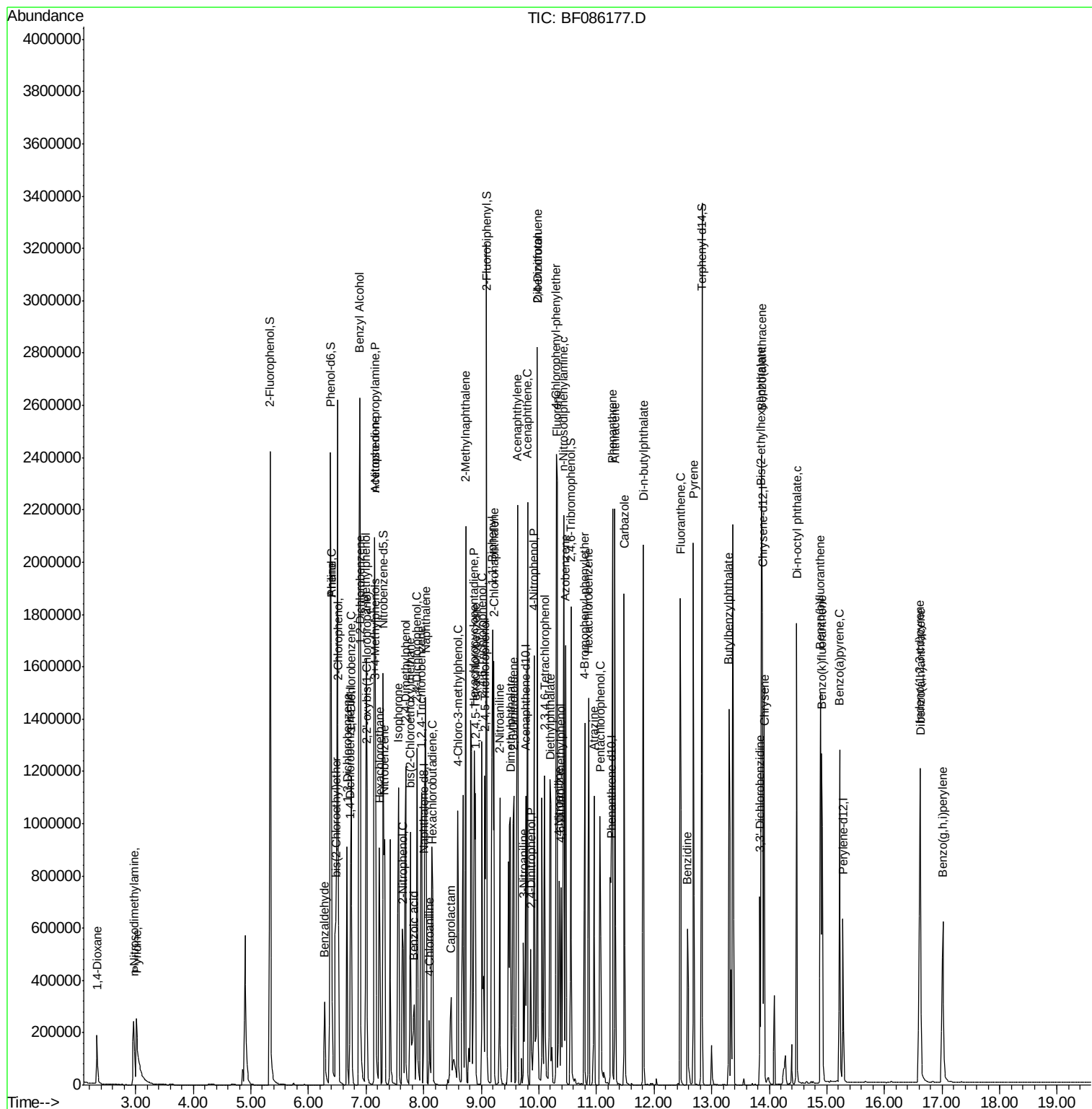
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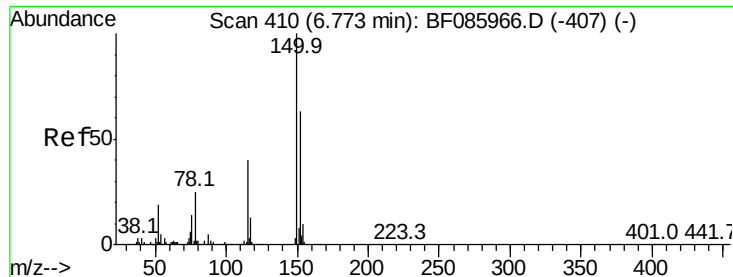
Instrument :
BNA_F
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.05 min

Lab File: BF086177.D

Acq: 8 Apr 2016 19:27

Instrument :

BNA_F

ClientSampleId :

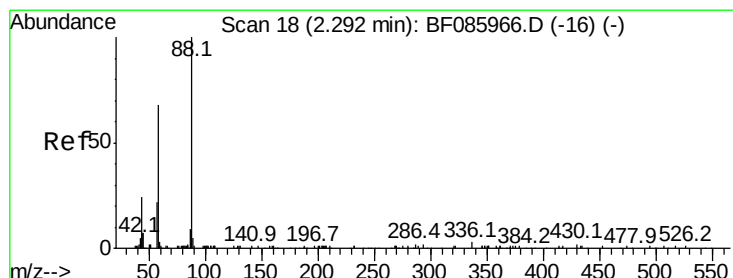
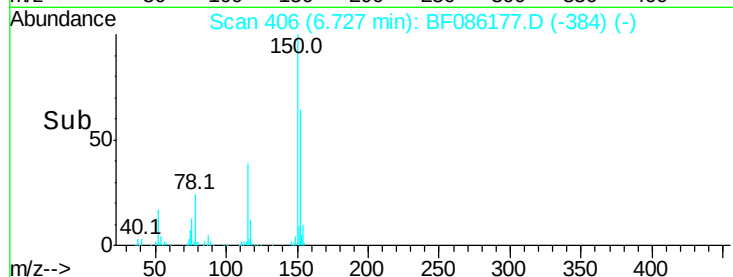
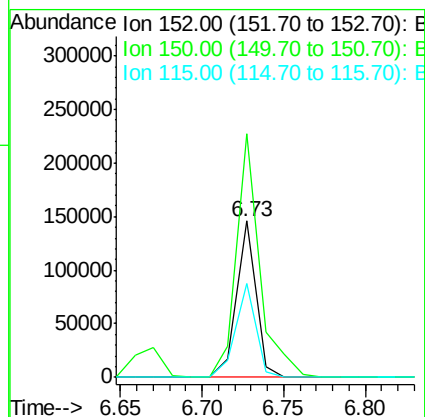
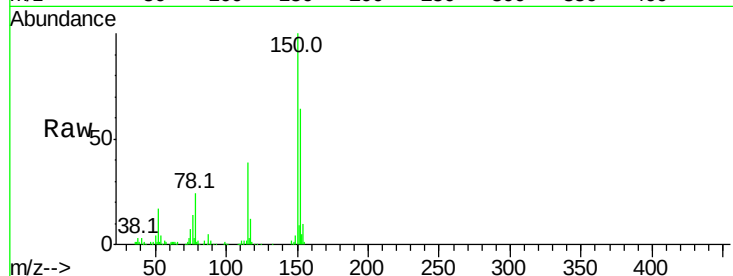
PB89682BS

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Tot Ion:	152	Resp:	119414
Ion Ratio	Lower	Upper	
152	100		
150	155.7	124.2	186.2
115	60.1	47.0	70.6



#2

1,4-Dioxane

Concen: 33.07 ng

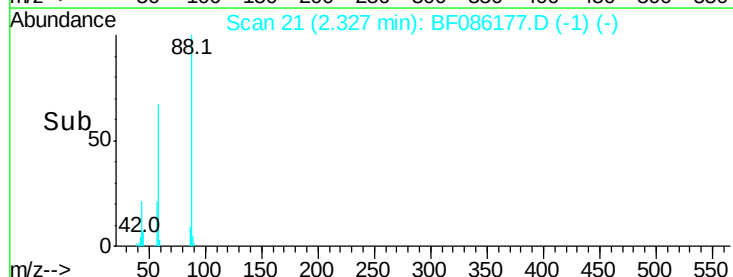
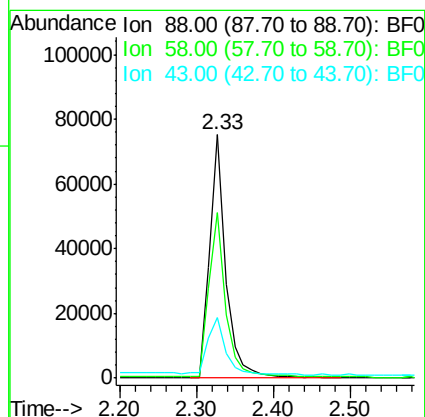
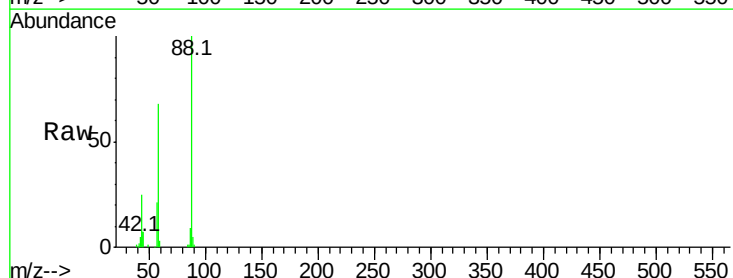
RT: 2.33 min Scan# 21

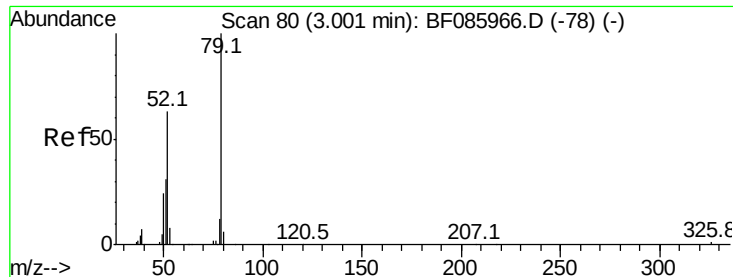
Delta R.T. 0.03 min

Lab File: BF086177.D

Acq: 8 Apr 2016 19:27

Tgt Ion:	88	Resp:	109537
Ion Ratio	Lower	Upper	
88	100		
58	70.1	54.2	81.2
43	26.2	19.3	28.9





#3

Pvridine

Concen: 39.12 ng

RT: 3.01 min Scan# 81

Delta R.T. 0.01 min

Lab File: BF086177.D

Acq: 8 Apr 2016 19:27

Instrument :

BNA_F

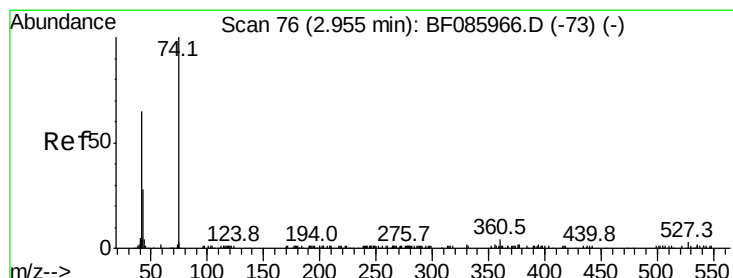
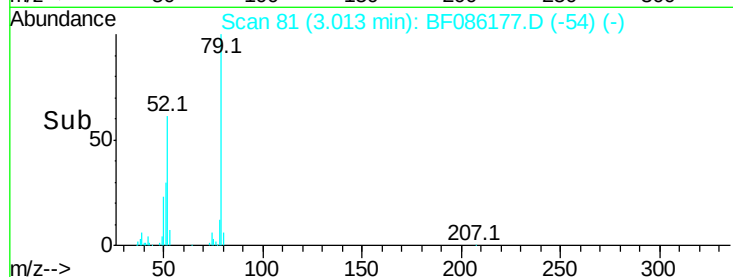
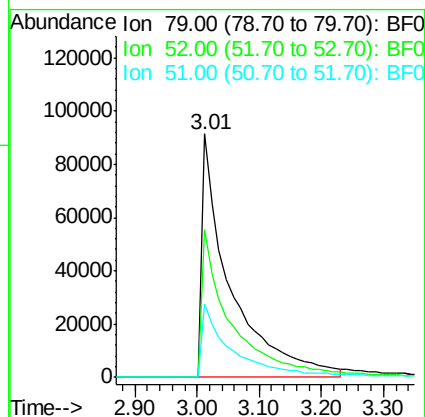
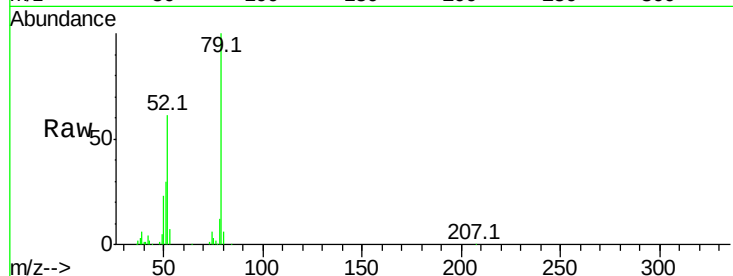
ClientSampleId :

PB89682BS

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Tot Ion	79	Resp	290078
Ion Ratio	Lower	Upper	
79	100		
52	60.8	49.8	74.6
51	30.3	24.7	37.1



#4

n-Nitrosodimethylamine

Concen: 42.60 ng

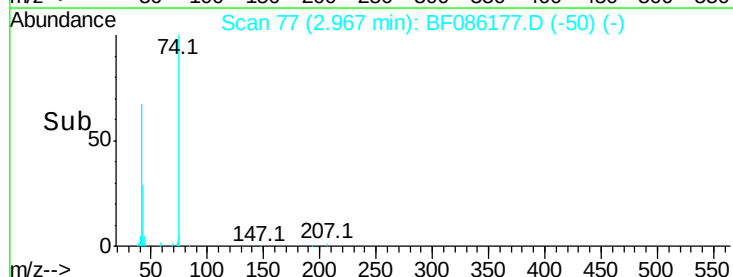
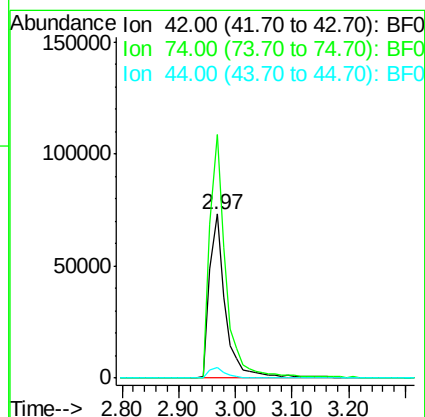
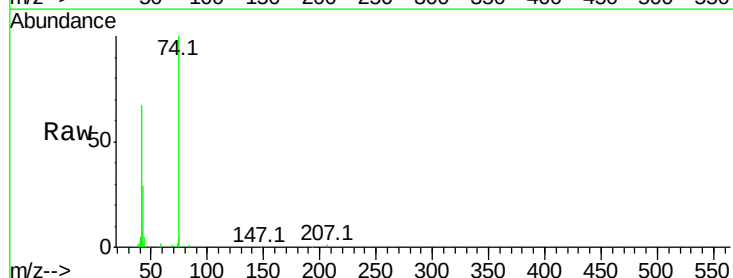
RT: 2.97 min Scan# 77

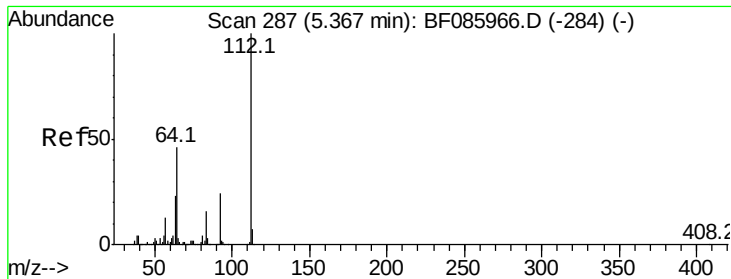
Delta R.T. 0.01 min

Lab File: BF086177.D

Acq: 8 Apr 2016 19:27

Tgt Ion	42	Resp	138914
Ion Ratio	Lower	Upper	
42	100		
74	148.5	121.4	182.2
44	6.9	5.6	8.4





#5

2-Fluorophenol

Concen: 115.92 ng

RT: 5.33 min Scan# 284

Delta R.T. -0.03 min

Lab File: BF086177.D

Acq: 8 Apr 2016 19:27

Instrument :

BNA_F

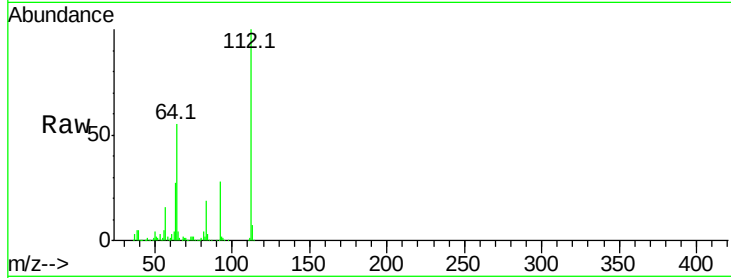
ClientSampleId :

PB89682BS

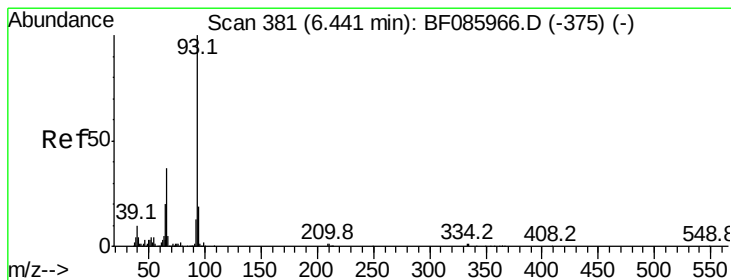
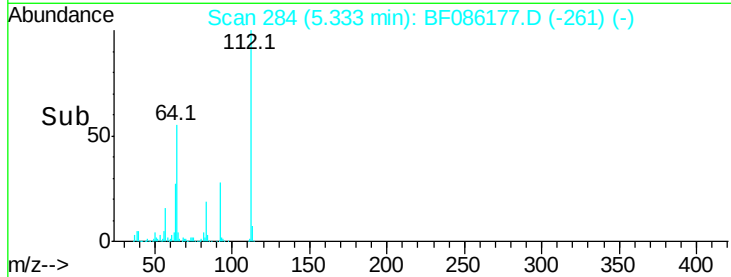
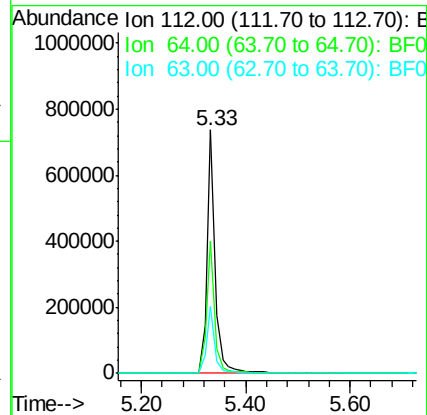
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Tot Ion	Ratio	Resp	Lower	Upper
112	100			
64	54.6	39.9	59.9	
63	27.4	20.2	30.2	



#6

Aniline

Concen: 21.44 ng

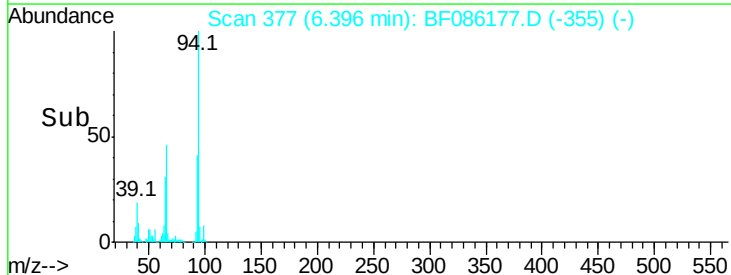
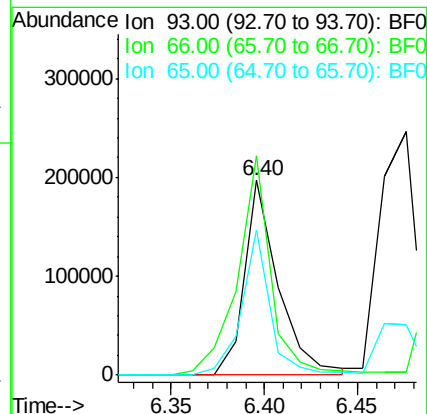
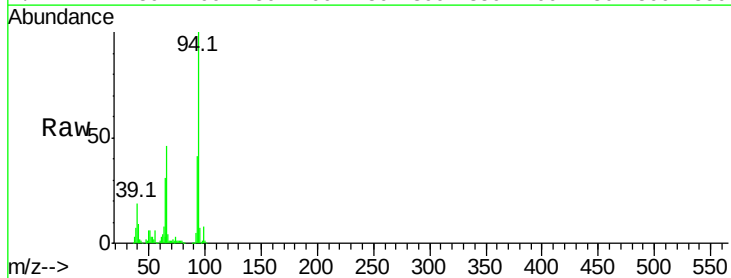
RT: 6.40 min Scan# 377

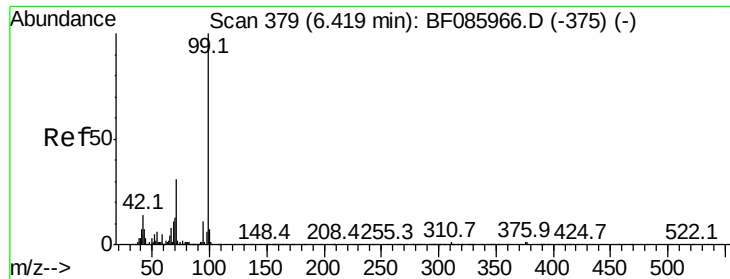
Delta R.T. -0.05 min

Lab File: BF086177.D

Acq: 8 Apr 2016 19:27

Tgt Ion	Ratio	Resp	Lower	Upper
93	100			
66	112.9	31.4	47.2#	
65	74.6	15.7	23.5#	





#7

Phenol-d6

Concen: 119.11 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.03 min

Lab File: BF086177.D

Acq: 8 Apr 2016 19:27

Instrument :

BNA_F

ClientSampleId :

PB89682BS

Tot Ion: 99 Resp: 1056933

Ion Ratio Lower Upper

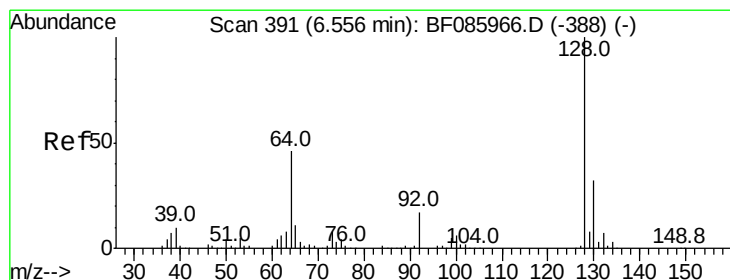
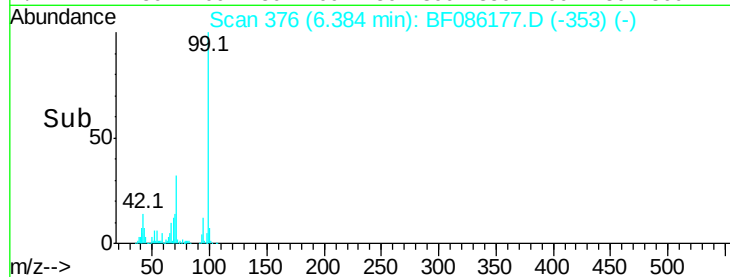
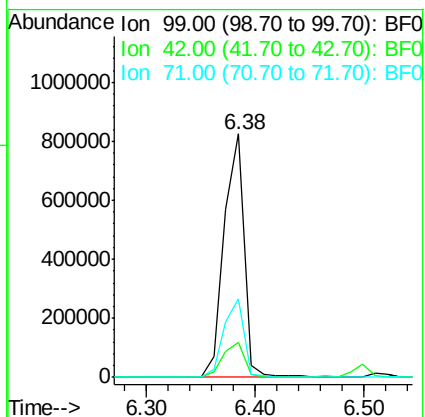
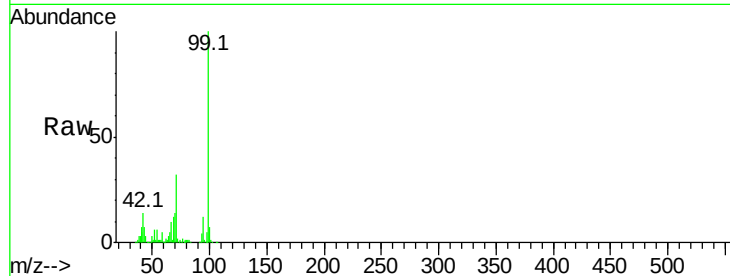
99 100

42 14.1 11.1 16.7

71 32.1 24.9 37.3

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#8

2-Chlorophenol

Concen: 39.49 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.05 min

Lab File: BF086177.D

Acq: 8 Apr 2016 19:27

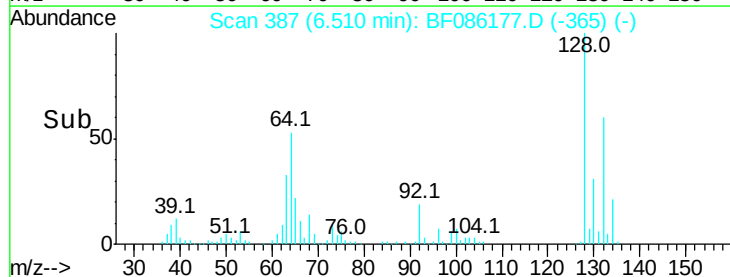
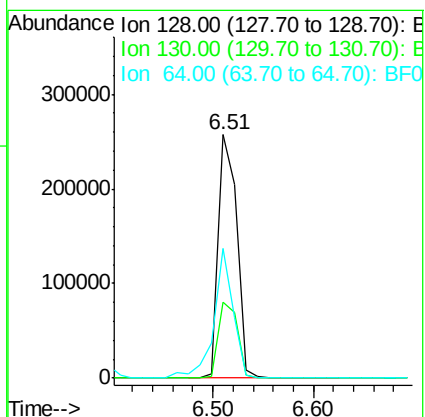
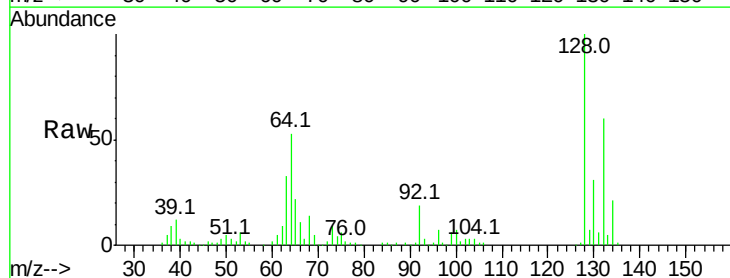
Tgt Ion: 128 Resp: 329023

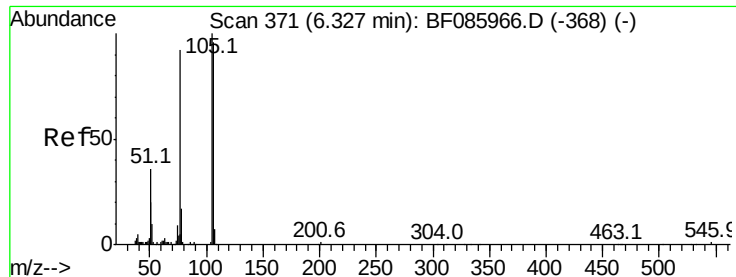
Ion Ratio Lower Upper

128 100

130 31.4 12.9 52.9

64 53.2 20.2 60.2





#9

Benzaldehyde

Concen: 21.24 ng

RT: 6.28 min Scan# 367

Delta R.T. -0.05 min

Lab File: BF086177.D

Acq: 8 Apr 2016 19:27

Instrument :

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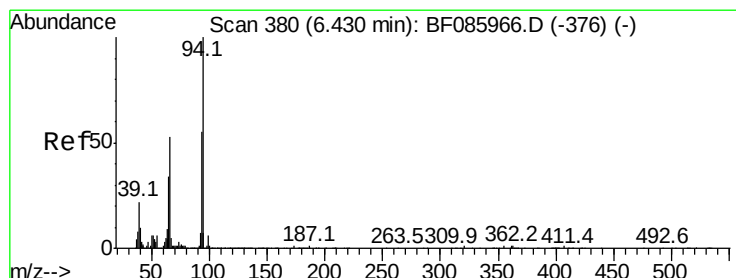
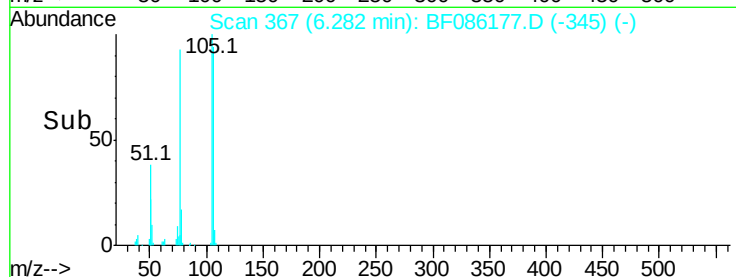
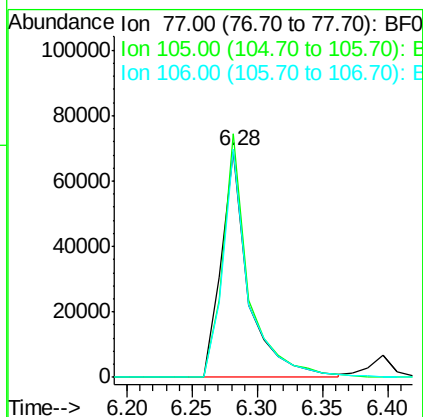
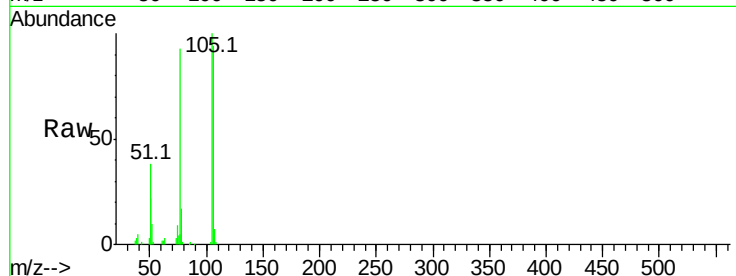
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Tot Ion:	77	Resp:	101397
Ion	Ratio	Lower	Upper
77	100		
105	107.8	80.1	120.1
106	101.2	75.0	115.0



#10

Phenol

Concen: 44.51 ng

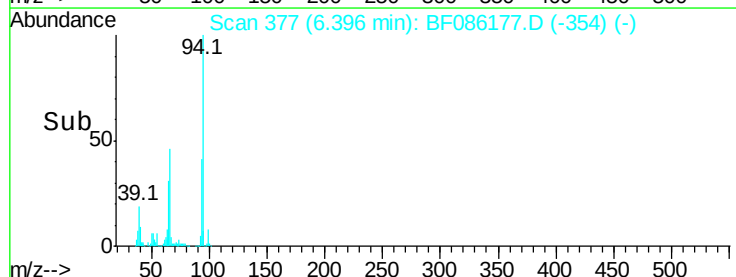
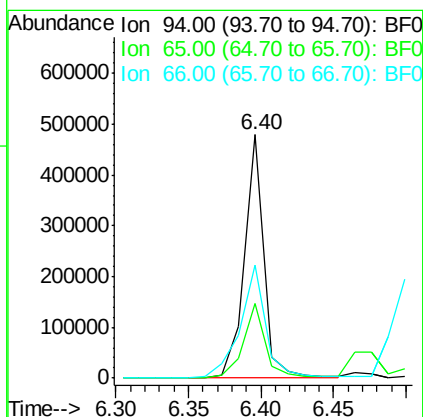
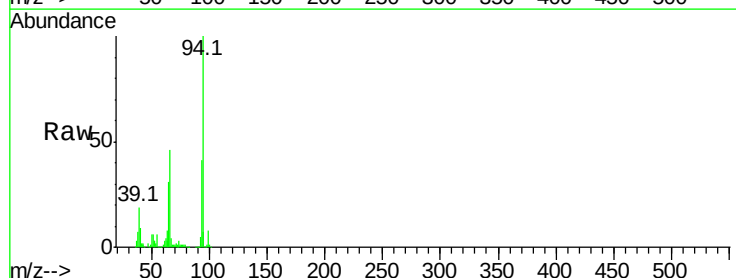
RT: 6.40 min Scan# 377

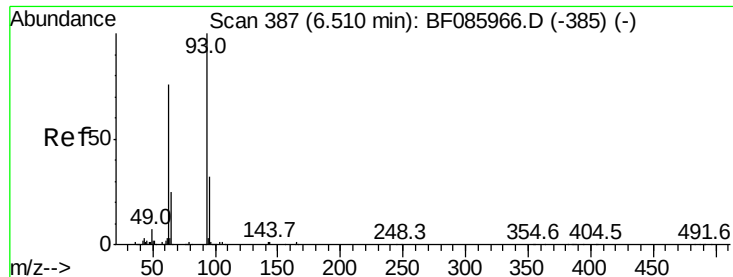
Delta R.T. -0.03 min

Lab File: BF086177.D

Acq: 8 Apr 2016 19:27

Tgt Ion:	94	Resp:	450518
Ion	Ratio	Lower	Upper
94	100		
65	30.7	8.6	48.6
66	46.4	20.0	60.0





#11

bis(2-Chloroethyl)ether

Concen: 40.12 ng/mL

RT: 6.48 min Scan# 384

Delta R.T. -0.03 min

Lab File: BF086177.D

Acq: 8 Apr 2016 19:27

Instrument :

BNA_F

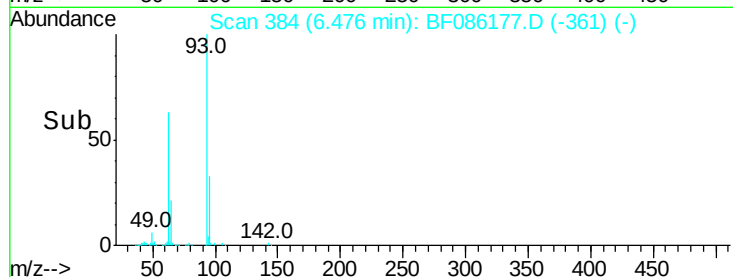
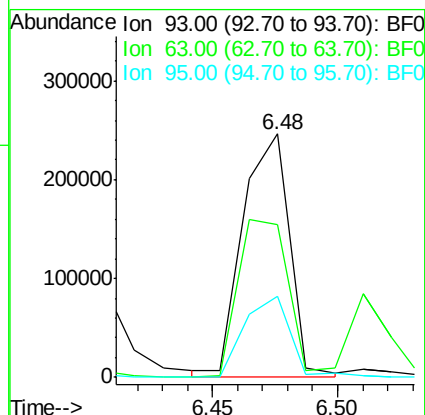
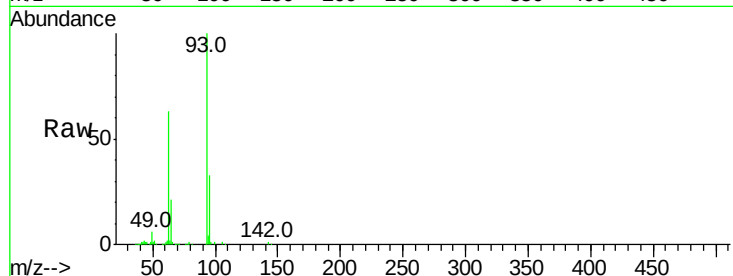
ClientSampleId :

PB89682BS

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Tot Ion	Ratio	Lower	Upper
93	100		
63	62.6	50.9	90.9
95	33.1	13.3	53.3



#12

1,3-Dichlorobenzene

Concen: 39.05 ng/mL

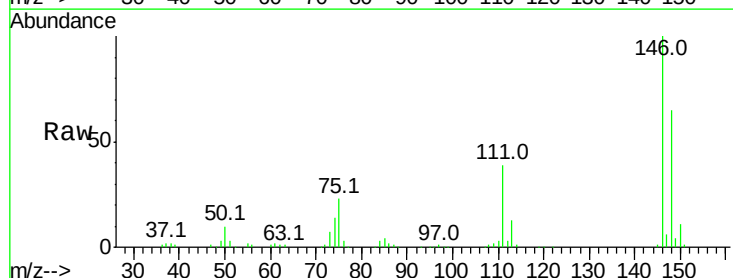
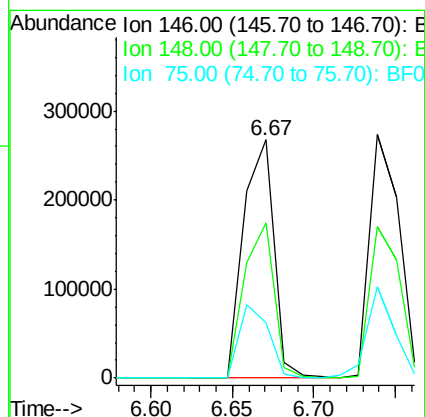
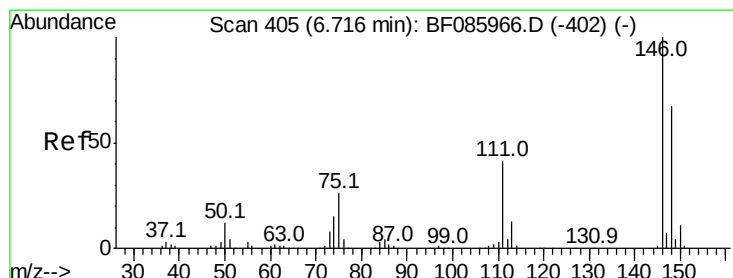
RT: 6.67 min Scan# 401

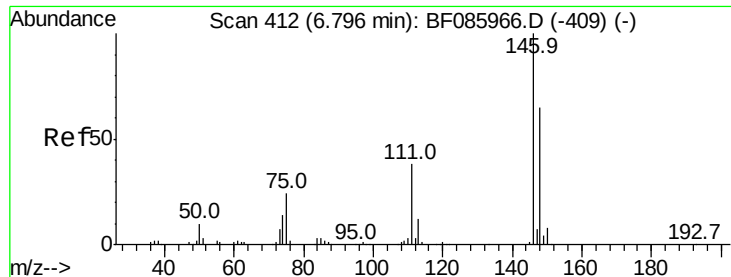
Delta R.T. -0.05 min

Lab File: BF086177.D

Acq: 8 Apr 2016 19:27

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	52.3	78.5
75	23.4	17.4	26.2





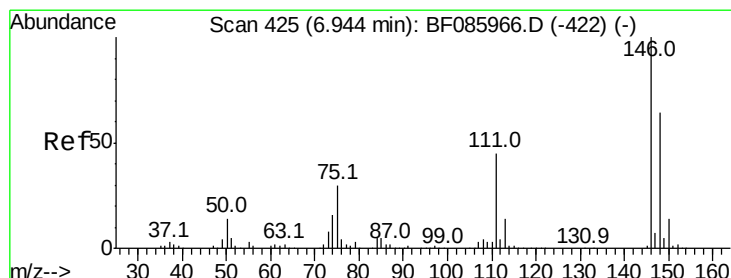
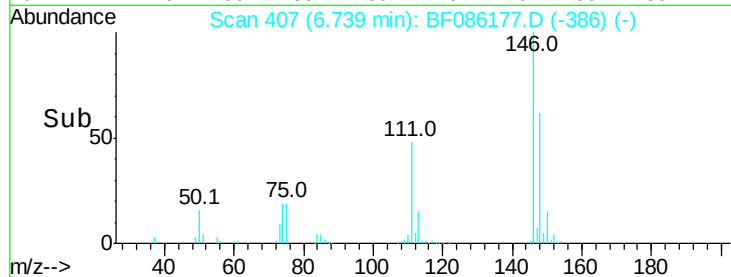
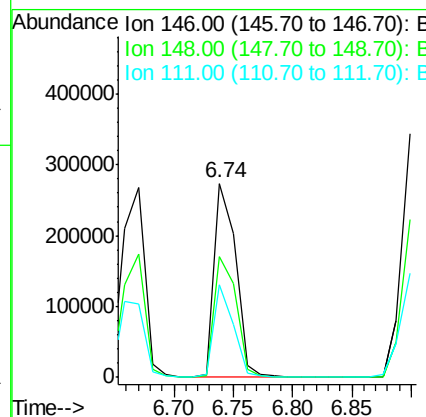
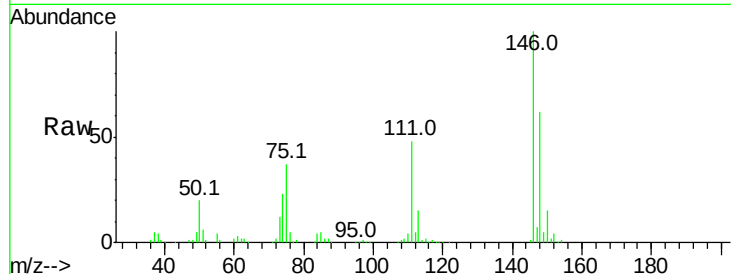
#13
 1,4-Dichlorobenzene
 Concen: 38.25 ng
 RT: 6.74 min Scan# 407
 Delta R.T. -0.06 min
 Lab File: BF086177.D
 Acq: 8 Apr 2016 19:27

Instrument :
 BNA_F
 ClientSampleID :
 PB89682BS

Tot Ion	Ratio	Resp	Lower	Upper
146	100	348016		
148	62.1	50.6	76.0	
111	47.9	37.8	56.6	

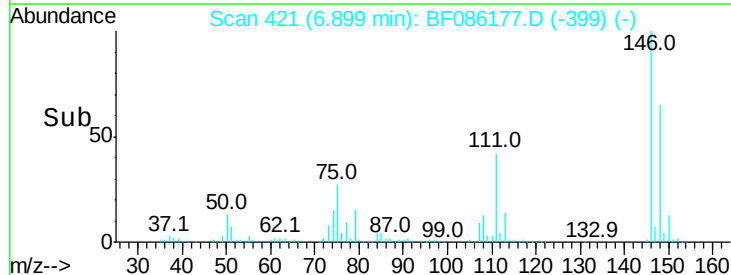
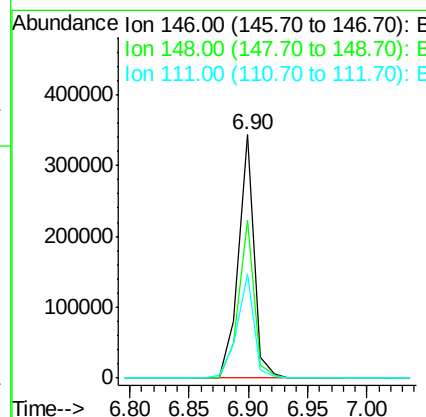
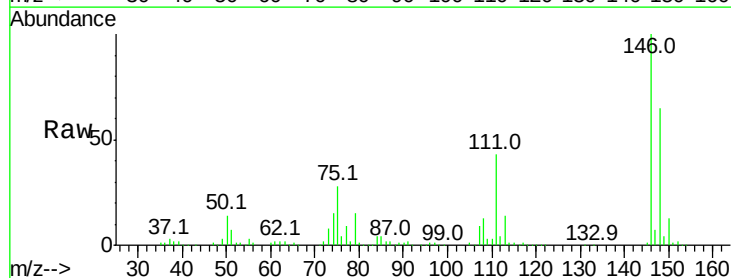
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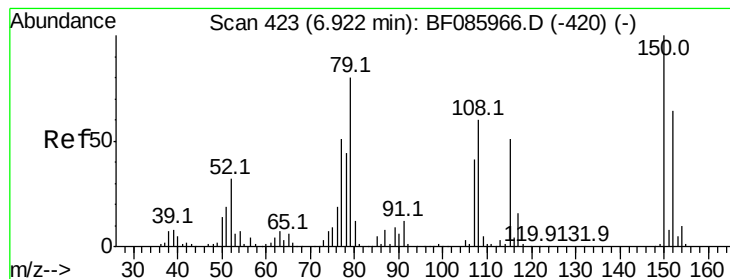
Sohil
 4/11/2016 5:45:13 PM



#14
 1,2-Dichlorobenzene
 Concen: 37.86 ng
 RT: 6.90 min Scan# 421
 Delta R.T. -0.05 min
 Lab File: BF086177.D
 Acq: 8 Apr 2016 19:27

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	316991		
148	64.9	51.4	77.2	
111	42.5	34.6	52.0	





#15

Benzyl Alcohol

Concen: 44.23 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.03 min

Lab File: BF086177.D

Acq: 8 Apr 2016 19:27

Instrument :

BNA_F

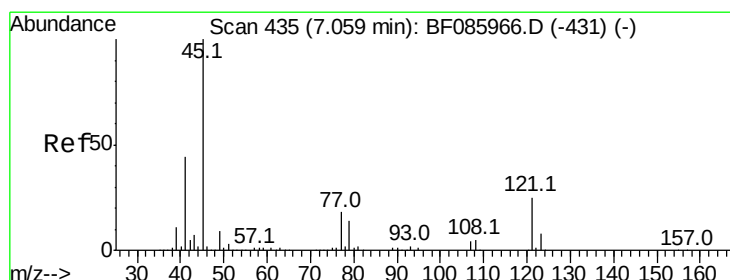
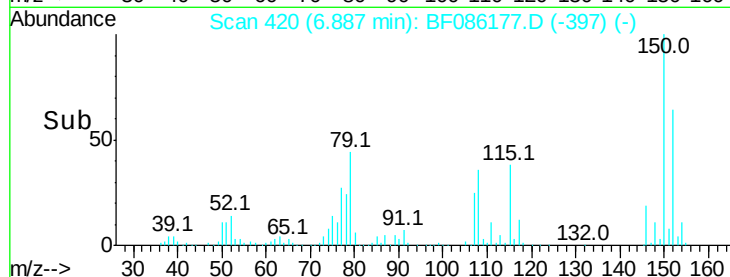
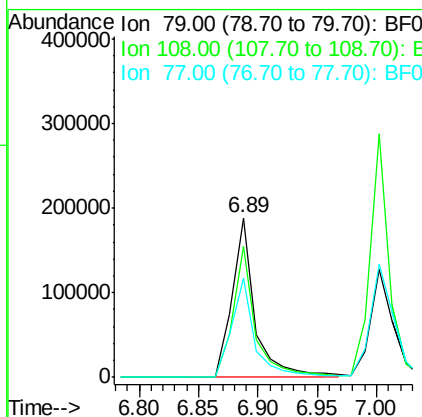
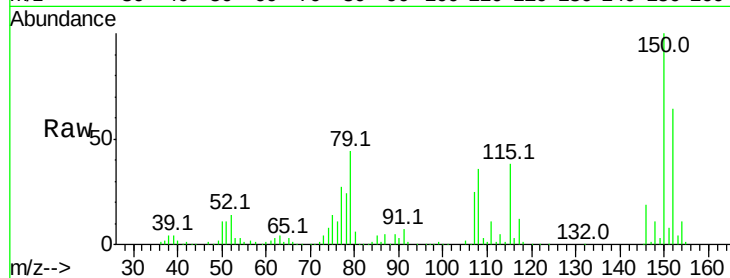
ClientSampleId :

PB89682BS

Tot Ion:	79	Resp:	253926
Ion Ratio	Lower	Upper	
79	100		
108	81.8	61.8	92.6
77	62.2	49.6	74.4

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#16

2,2'-oxybis(1-chloropropane)

Concen: 35.99 ng

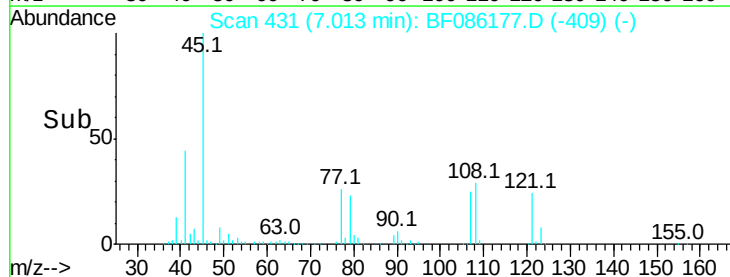
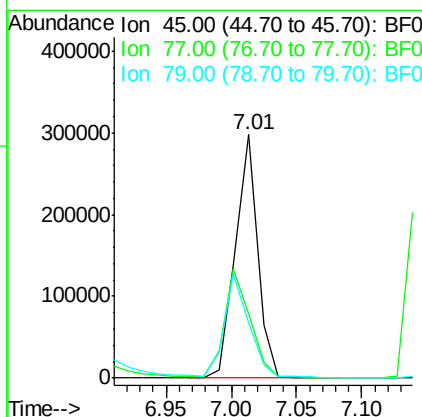
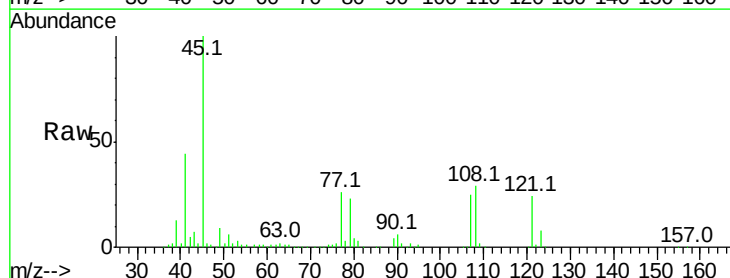
RT: 7.01 min Scan# 431

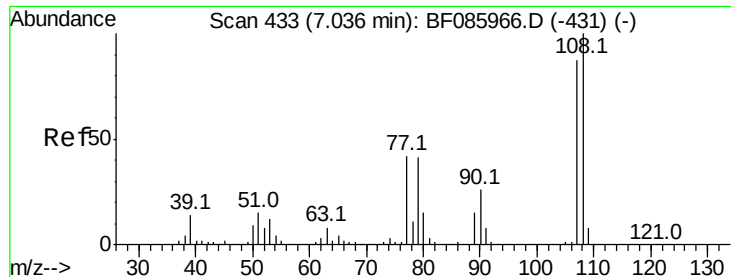
Delta R.T. -0.05 min

Lab File: BF086177.D

Acq: 8 Apr 2016 19:27

Tgt Ion:	45	Resp:	352411
Ion Ratio	Lower	Upper	
45	100		
77	26.3	0.0	35.7
79	22.5	0.0	32.2





#17

2-Methylphenol

Concen: 43.11 ng

RT: 7.00 min Scan# 430

Delta R.T. -0.03 min

Lab File: BF086177.D

Acq: 8 Apr 2016 19:27

Instrument :

BNA_F

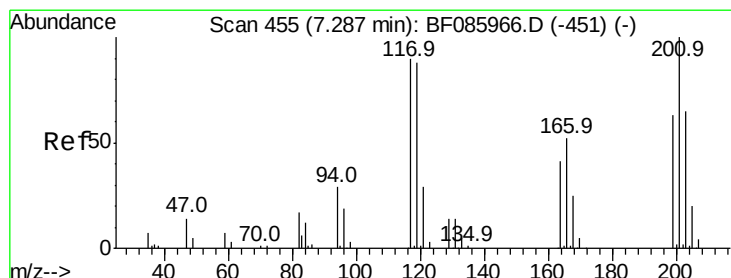
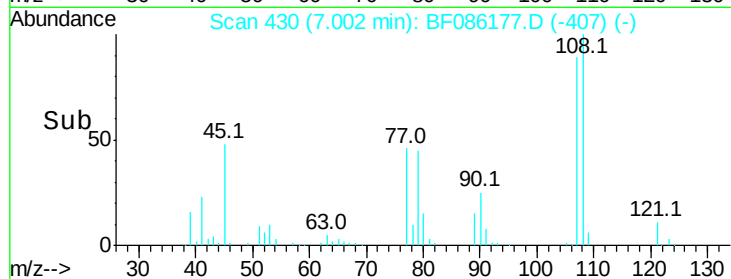
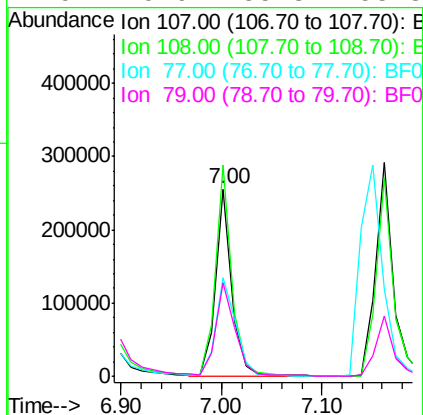
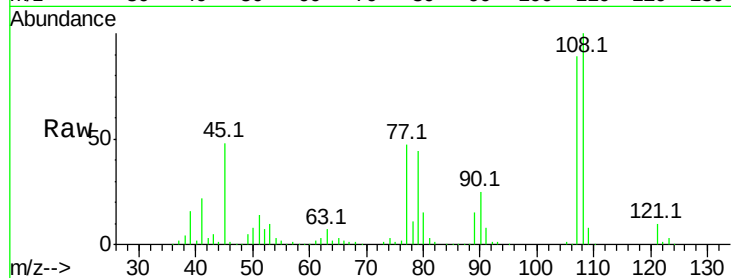
ClientSampleId :

PB89682BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	283187		
108	112.7	91.4	137.0	
77	52.5	36.2	54.2	
79	49.9	35.8	53.8	

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#18

Hexachloroethane

Concen: 37.28 ng

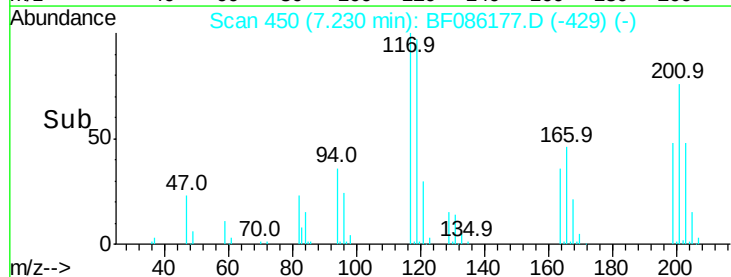
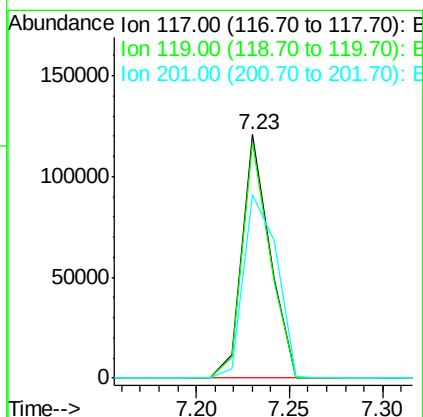
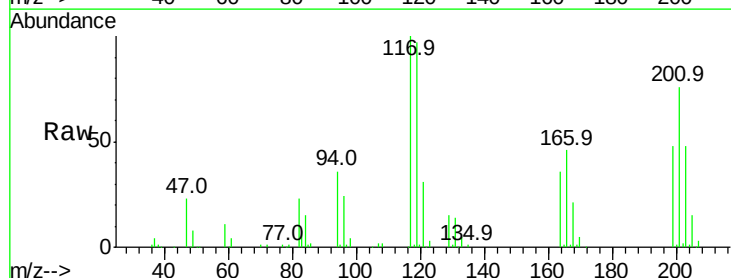
RT: 7.23 min Scan# 450

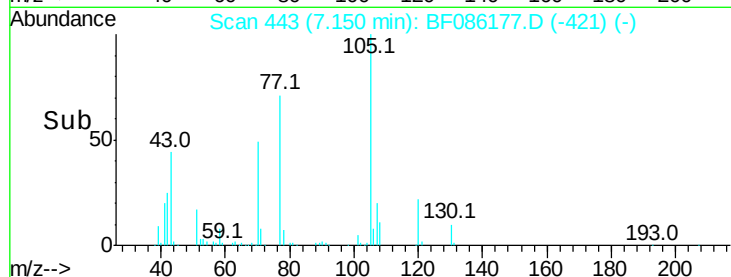
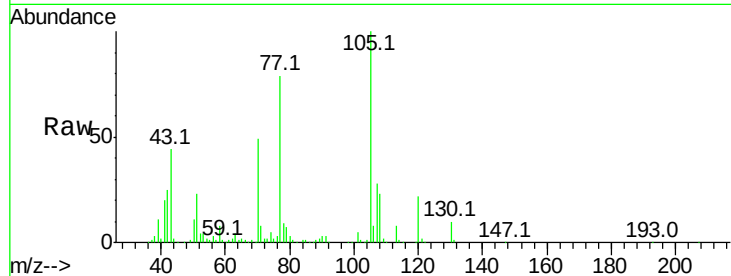
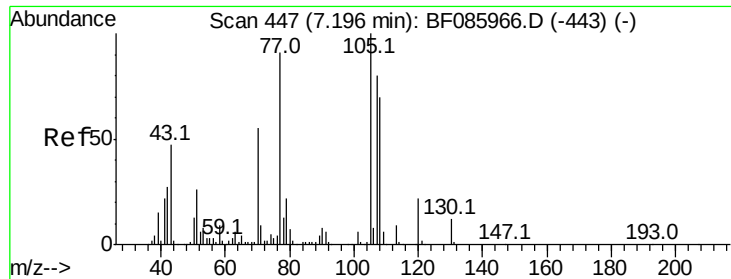
Delta R.T. -0.06 min

Lab File: BF086177.D

Acq: 8 Apr 2016 19:27

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	124748		
119	96.7	76.7	115.1	
201	75.6	83.3	124.9#	





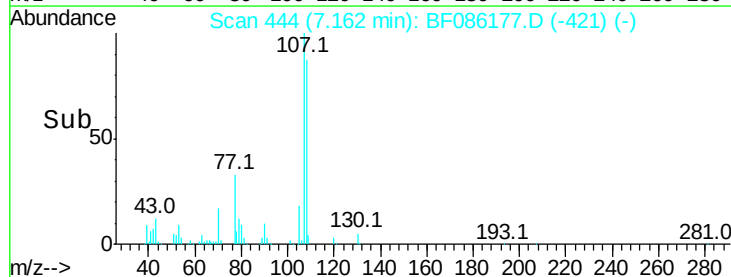
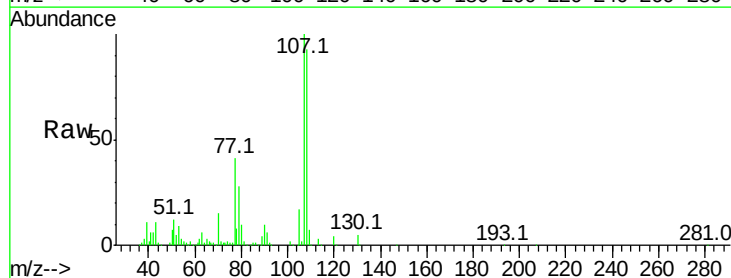
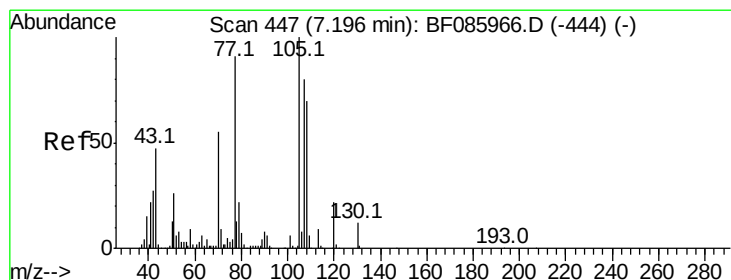
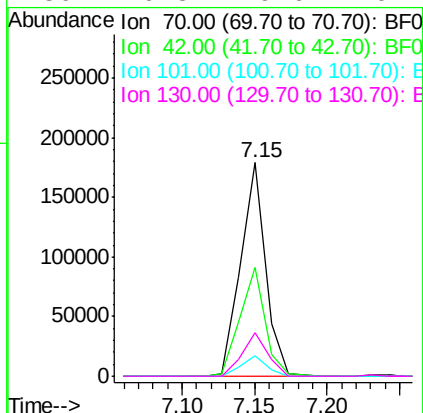
#19
n-Nitroso-di-n-propylamine
Concen: 38.85 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.05 min
Lab File: BF086177.D
Acq: 8 Apr 2016 19:27

Instrument :
BNA_F
ClientSampleId :
PB89682BS

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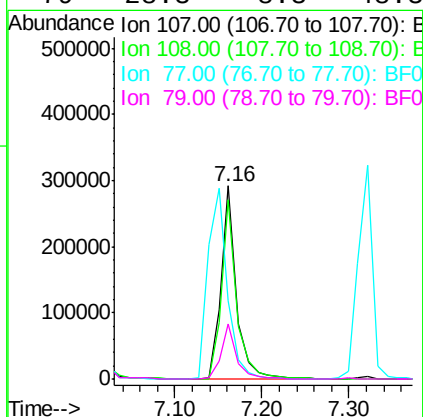
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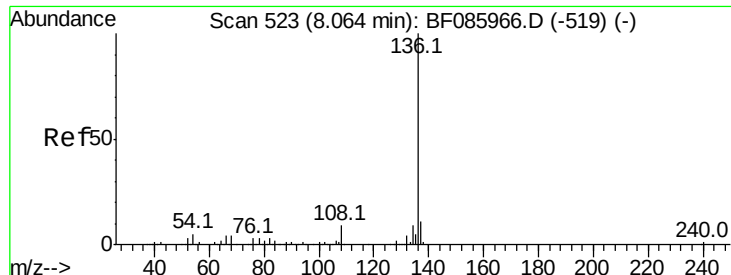
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	50.7	37.1	55.7	
101	9.6	8.6	12.8	
130	20.3	19.6	29.4	



#20
3+4-Methylphenols
Concen: 45.17 ng
RT: 7.16 min Scan# 444
Delta R.T. -0.03 min
Lab File: BF086177.D
Acq: 8 Apr 2016 19:27

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	92.9	69.3	109.3	
77	40.6	101.7	141.7#	
79	28.3	8.3	48.3	





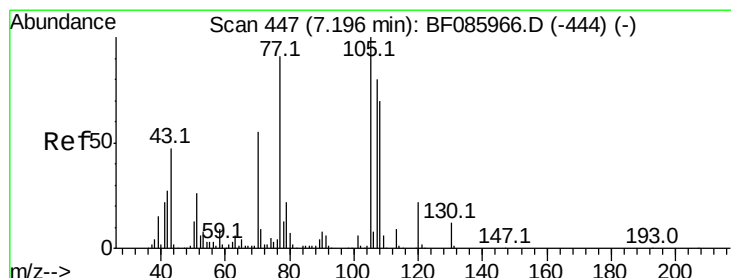
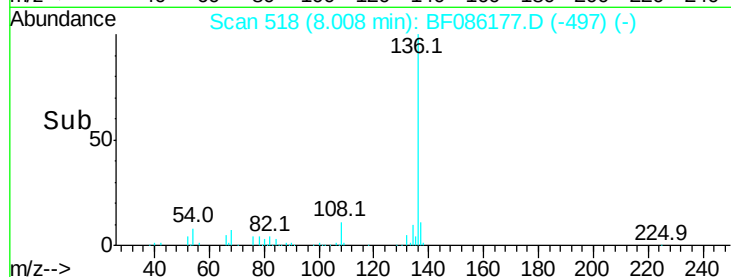
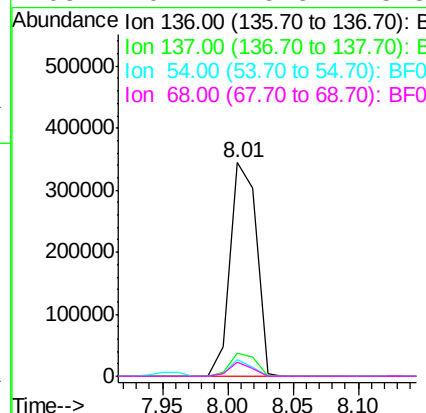
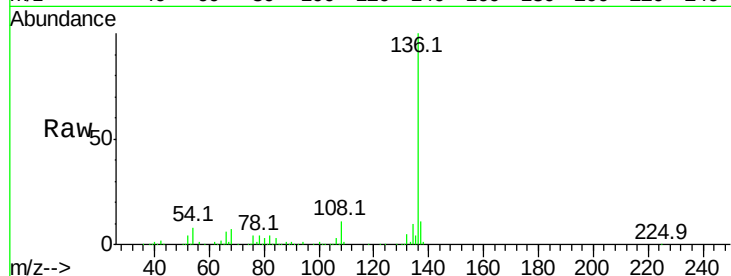
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.06 min
Lab File: BF086177.D
Acq: 8 Apr 2016 19:27

Instrument :
BNA_F
ClientSampleId :
PB89682BS

Tot Ion	136	137	54	68
Ratio	100	11.0	8.0	6.7
Resp	481888	9.1	7.4	5.8
Lower				
Upper		13.7	11.0	8.8

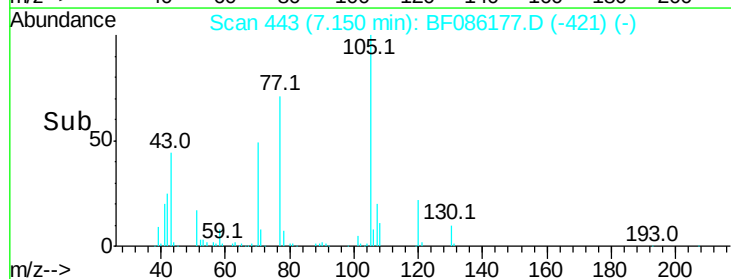
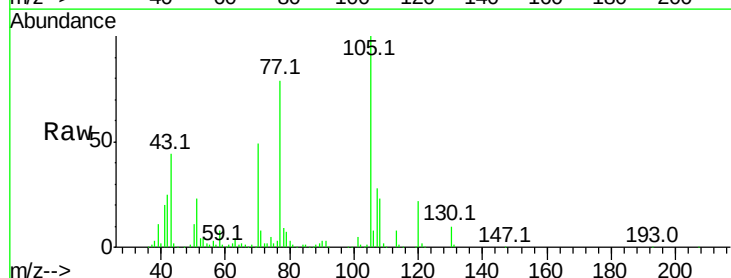
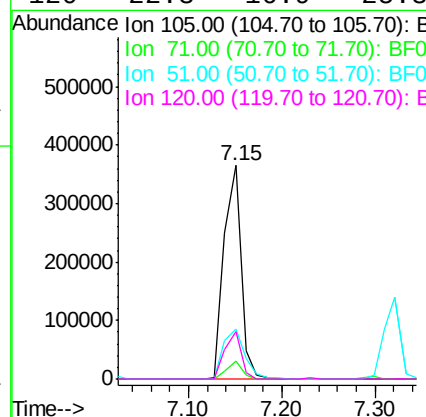
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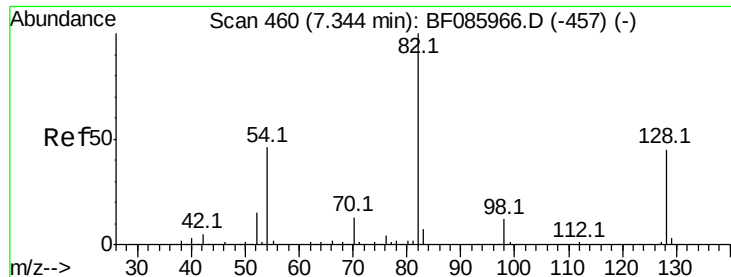
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#22
Acetophenone
Concen: 40.90 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.05 min
Lab File: BF086177.D
Acq: 8 Apr 2016 19:27

Tgt Ion	105	71	51	120
Ratio	100	8.3	23.5	22.3
Resp	463319	3.6	25.4	16.9
Lower				
Upper		5.4#	38.0#	25.3





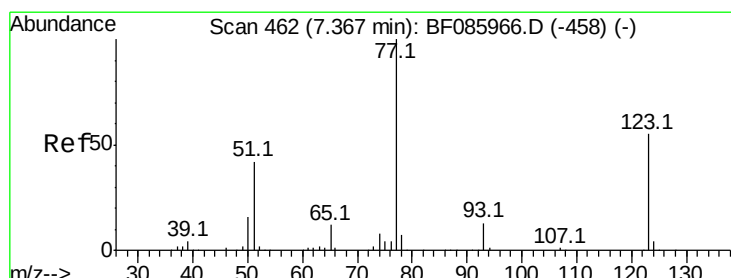
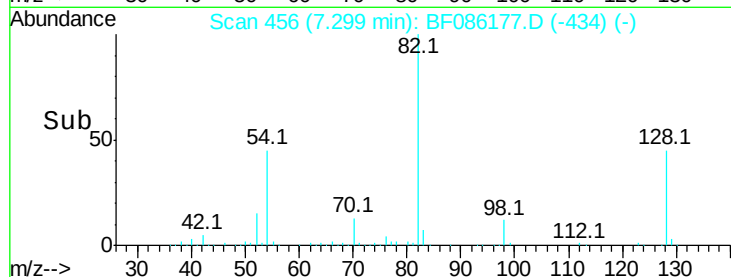
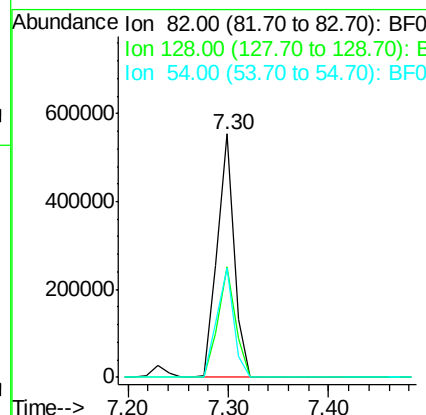
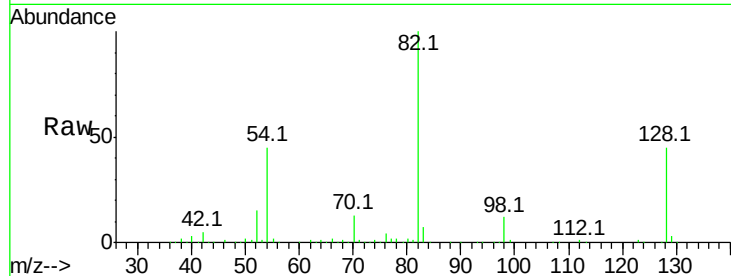
#23
 Nitrobenzene-d5
 Concen: 79.81 ng
 RT: 7.30 min Scan# 456
 Delta R.T. -0.05 min
 Lab File: BF086177.D
 Acq: 8 Apr 2016 19:27

Instrument :
 BNA_F
 ClientSampleId :
 PB89682BS

Tot Ion:	82	Resp:	652134
Ion Ratio	Lower	Upper	
82	100		
128	45.1	41.8	62.8
54	45.0	33.4	50.0

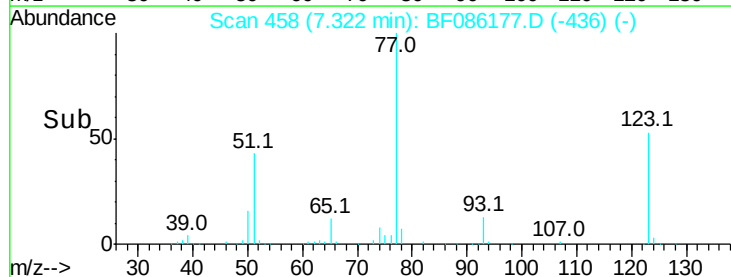
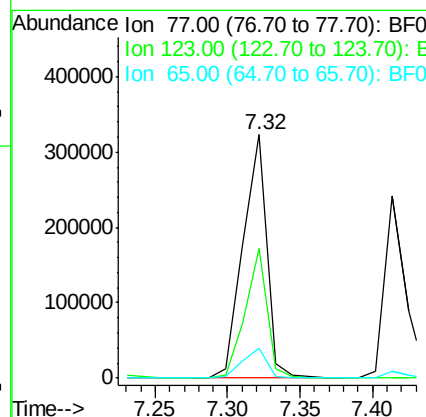
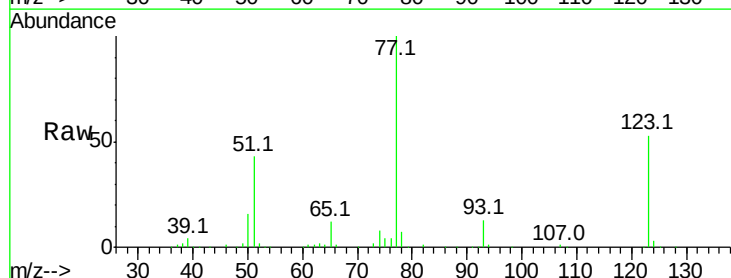
Manual Integrations
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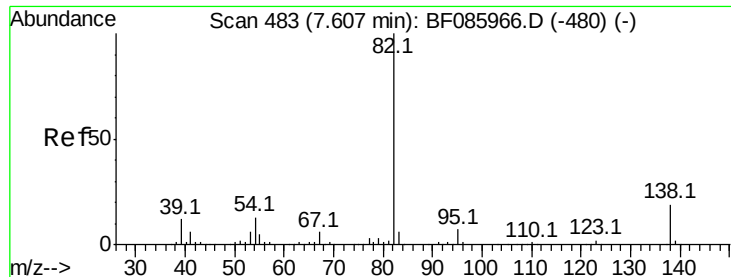
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#24
 Nitrobenzene
 Concen: 41.00 ng
 RT: 7.32 min Scan# 458
 Delta R.T. -0.05 min
 Lab File: BF086177.D
 Acq: 8 Apr 2016 19:27

Tgt Ion:	77	Resp:	366495
Ion Ratio	Lower	Upper	
77	100		
123	53.1	35.0	52.4#
65	12.4	10.6	16.0





#25

Isophorone

Concen: 41.40 ng

RT: 7.56 min Scan# 479

Delta R.T. -0.05 min

Lab File: BF086177.D

Acq: 8 Apr 2016 19:27

Instrument :

BNA_F

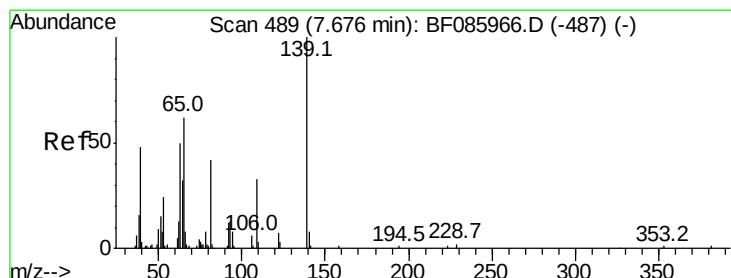
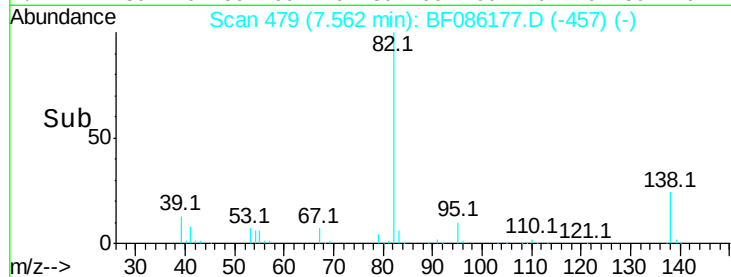
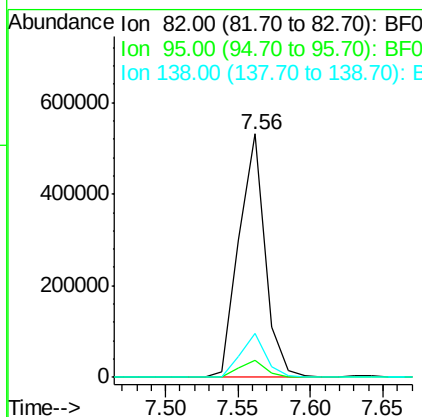
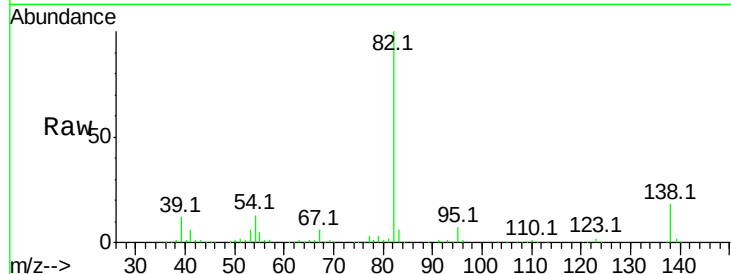
ClientSampleId :

PB89682BS

Tot Ion:	82	Resp:	667827
Ion Ratio	Lower	Upper	
82	100		
95	7.2	5.4	8.2
138	18.2	12.9	19.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 42.67 ng

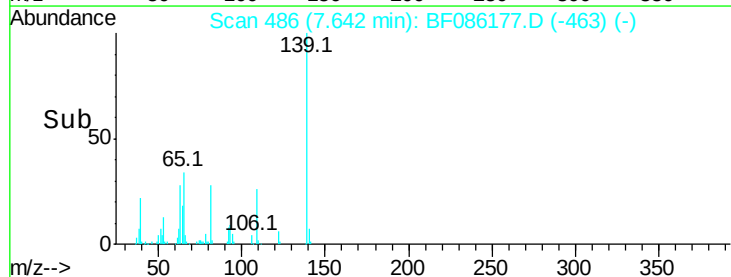
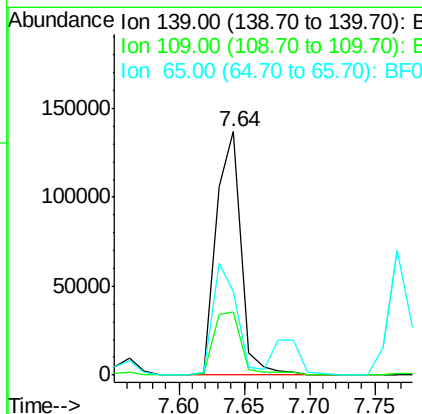
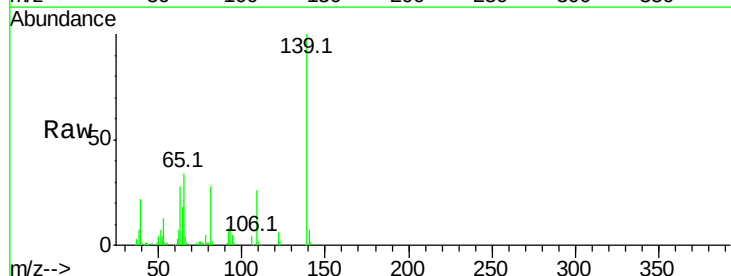
RT: 7.64 min Scan# 486

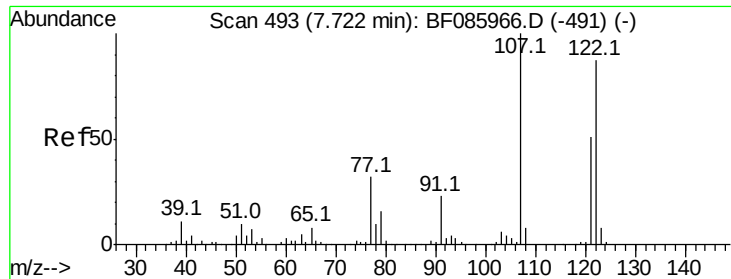
Delta R.T. -0.03 min

Lab File: BF086177.D

Acq: 8 Apr 2016 19:27

Tgt Ion:	139	Resp:	182514
Ion Ratio	Lower	Upper	
139	100		
109	25.9	22.1	33.1
65	34.2	33.9	50.9





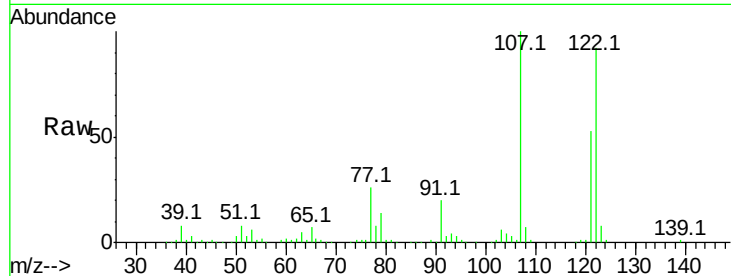
#27
 2,4-Dimethylphenol
 Concen: 43.38 ng
 RT: 7.69 min Scan# 490
 Delta R.T. -0.03 min
 Lab File: BF086177.D
 Acq: 8 Apr 2016 19:27

Instrument :
 BNA_F
 ClientSampleId :
 PB89682BS

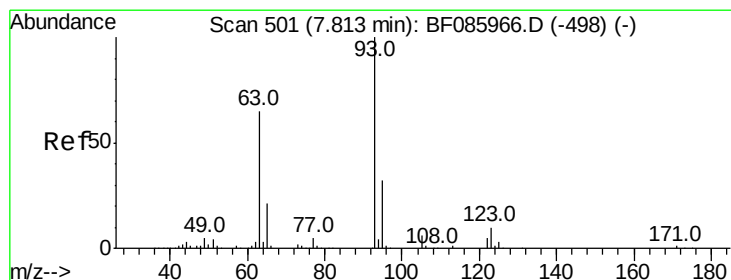
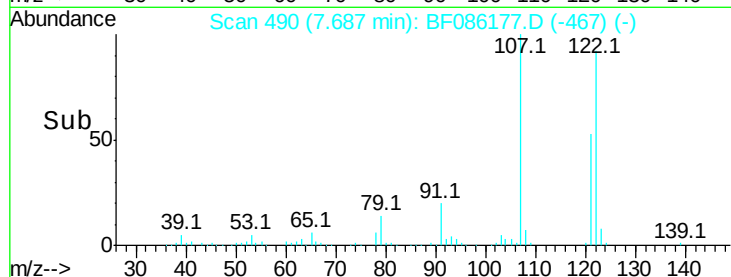
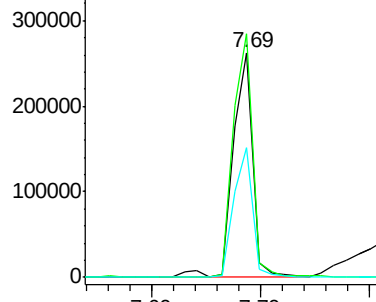
Tot Ion	Ratio	Resp	Lower	Upper
122	100	333218		
107	108.5	93.0	139.6	
121	57.5	45.9	68.9	

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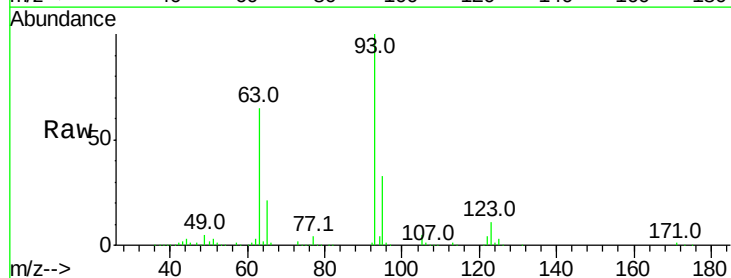


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

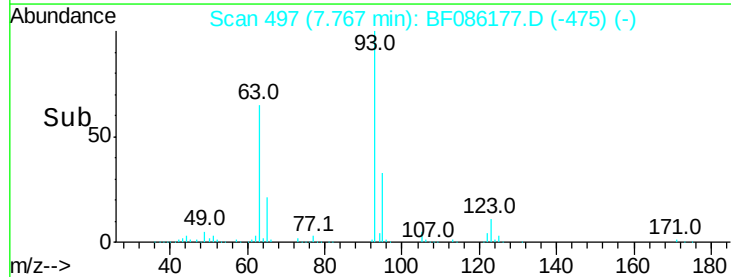
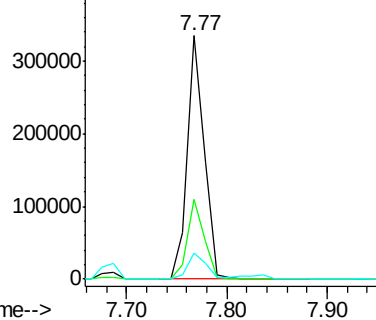


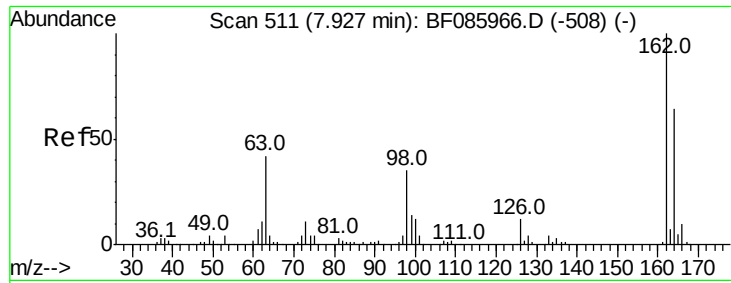
#28
 bis(2-Chloroethoxy)methane
 Concen: 41.27 ng
 RT: 7.77 min Scan# 497
 Delta R.T. -0.05 min
 Lab File: BF086177.D
 Acq: 8 Apr 2016 19:27

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	390594		
95	33.0	26.4	39.6	
123	10.6	9.8	14.6	



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E





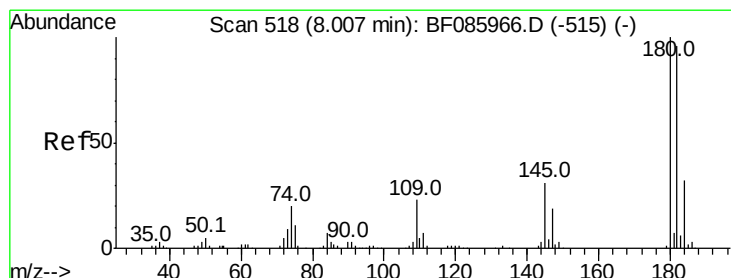
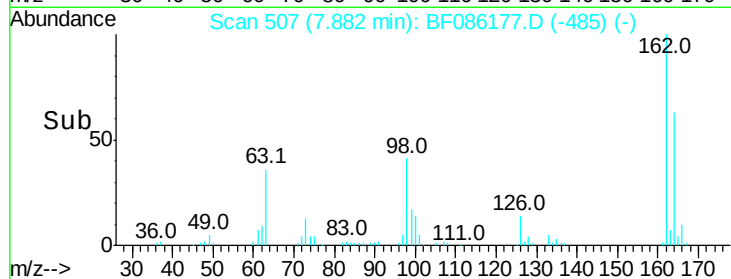
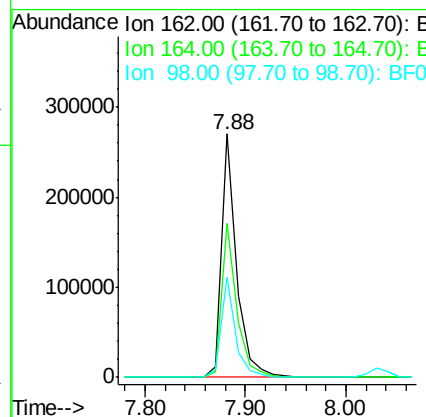
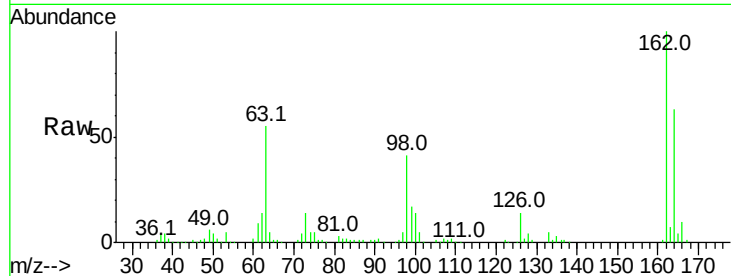
#29
 2,4-Dichlorophenol
 Concen: 42.97 ng
 RT: 7.88 min Scan# 507
 Delta R.T. -0.05 min
 Lab File: BF086177.D
 Acq: 8 Apr 2016 19:27

Instrument :
 BNA_F
 ClientSampleId :
 PB89682BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	279057		
164	63.4	43.7	83.7	
98	41.4	20.4	60.4	

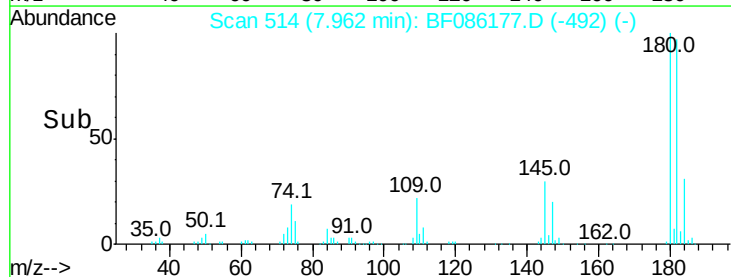
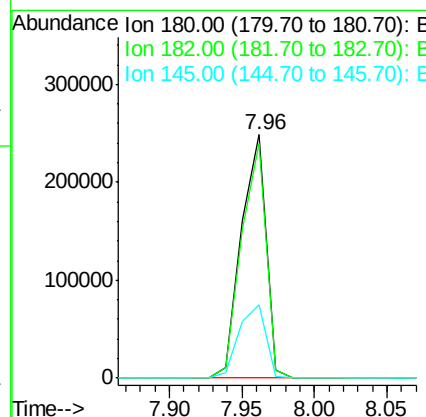
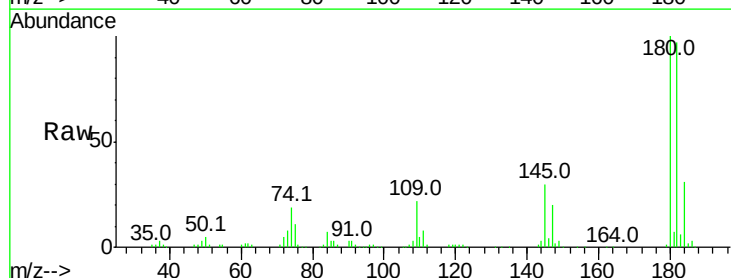
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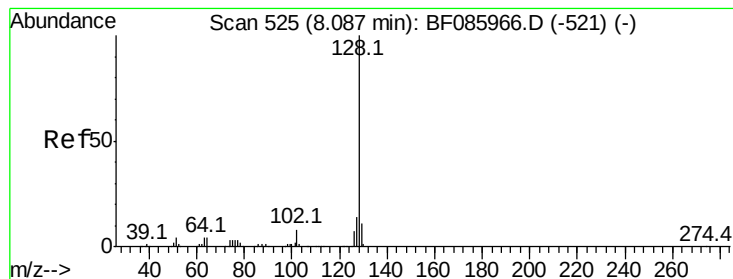
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#30
 1,2,4-Trichlorobenzene
 Concen: 40.44 ng
 RT: 7.96 min Scan# 514
 Delta R.T. -0.05 min
 Lab File: BF086177.D
 Acq: 8 Apr 2016 19:27

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	294844		
182	96.6	73.8	110.8	
145	30.4	28.4	42.6	





#31

Naphthalene

Concen: 38.90 ng

RT: 8.03 min Scan# 520

Delta R.T. -0.06 min

Lab File: BF086177.D

Acq: 8 Apr 2016 19:27

Instrument :

BNA_F

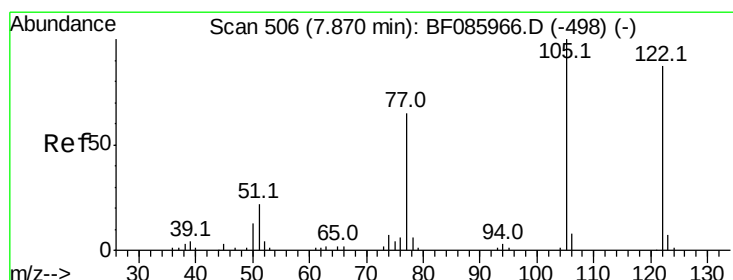
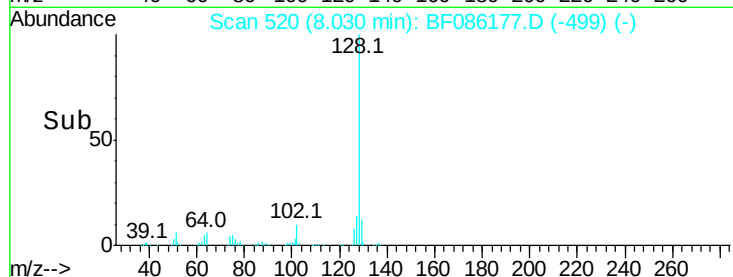
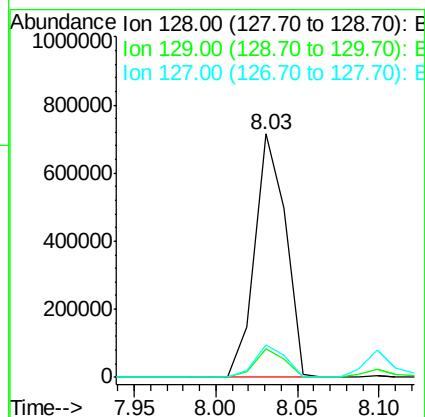
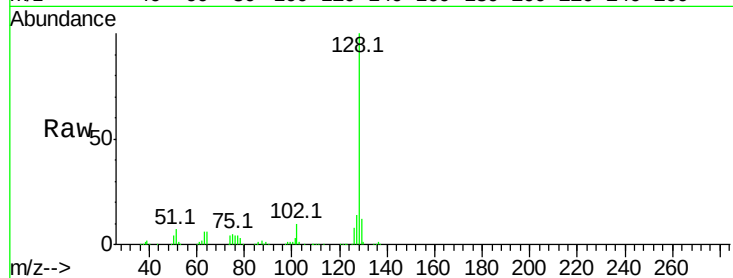
ClientSampleId :

PB89682BS

Tot Ion:	128	Resp:	942866
Ion Ratio	Lower	Upper	
128	100		
129	11.6	9.4	14.0
127	13.6	11.0	16.6

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#32

Benzoic acid

Concen: 33.40 ng

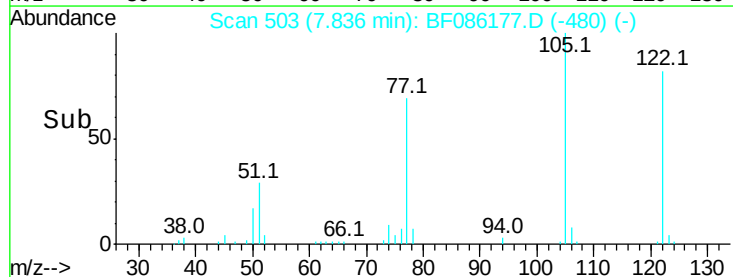
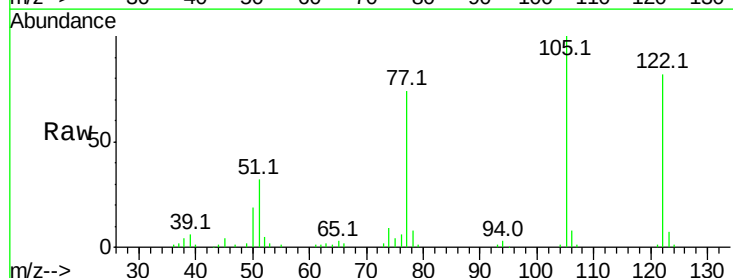
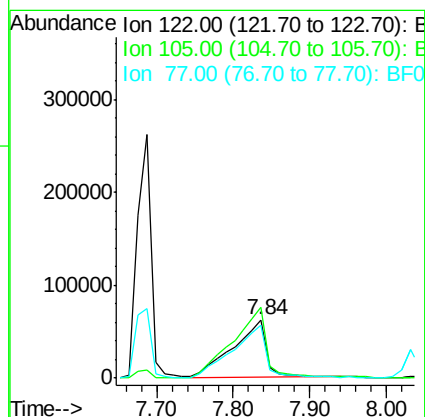
RT: 7.84 min Scan# 503

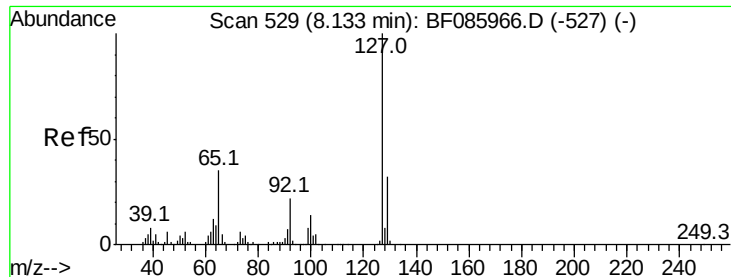
Delta R.T. -0.03 min

Lab File: BF086177.D

Acq: 8 Apr 2016 19:27

Tgt Ion:	122	Resp:	188265
Ion Ratio	Lower	Upper	
122	100		
105	121.8	102.9	142.9
77	89.7	71.8	111.8





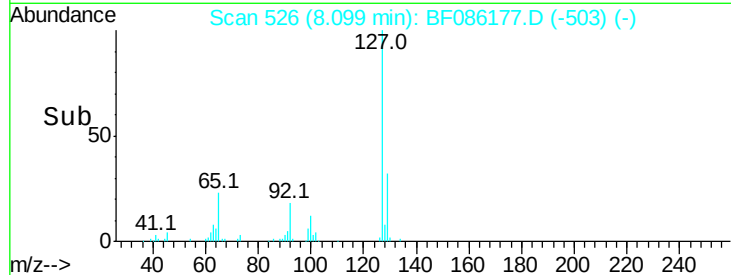
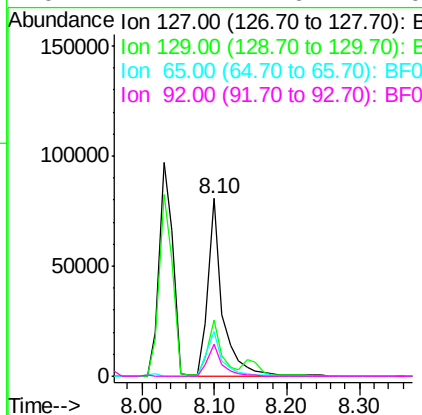
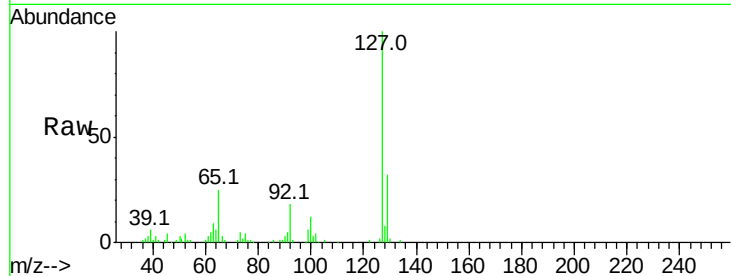
#33
4-Chloroaniline
Concen: 11.71 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.03 min
Lab File: BF086177.D
Acq: 8 Apr 2016 19:27

Instrument :
BNA_F
ClientSampled :
PB89682BS

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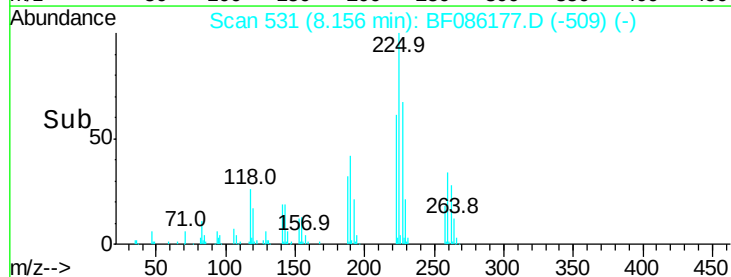
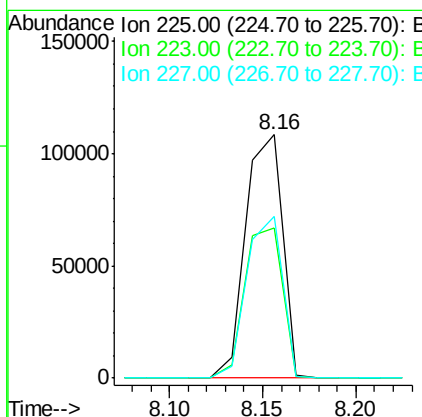
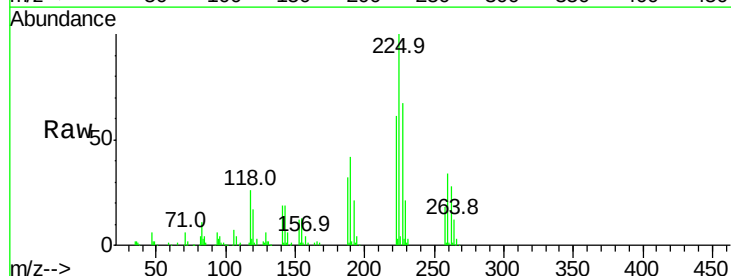
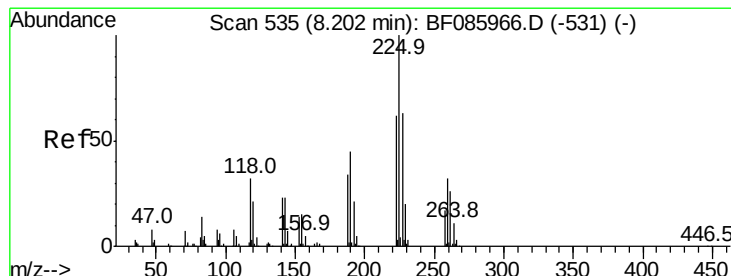
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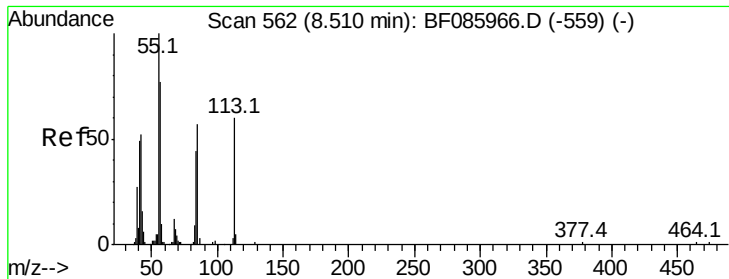
Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.7	26.1	39.1	
65	25.4	19.5	29.3	
92	17.7	14.6	22.0	



#34
Hexachlorobutadiene
Concen: 37.87 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.05 min
Lab File: BF086177.D
Acq: 8 Apr 2016 19:27

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.5	50.4	75.6	
227	66.7	51.4	77.2	





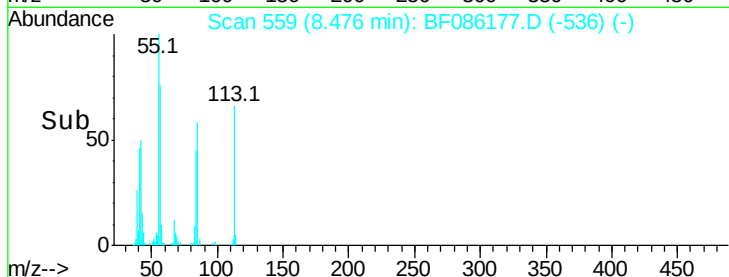
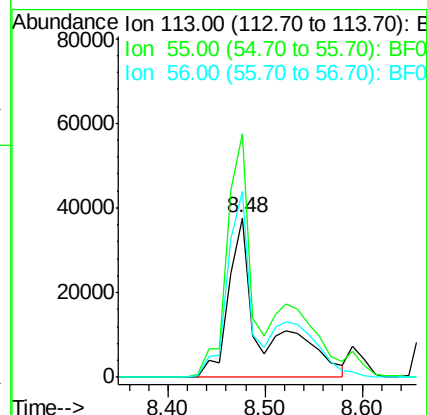
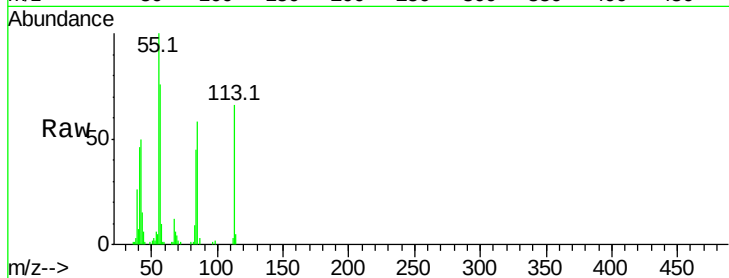
#35
 Caprolactam
 Concen: 45.70 ng/ml
 RT: 8.48 min Scan# 559
 Delta R.T. -0.03 min
 Lab File: BF086177.D
 Acq: 8 Apr 2016 19:27

Instrument :
 BNA_F
 ClientSampleId :
 PB89682BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	152.6	139.4	179.4
56	116.7	100.4	140.4

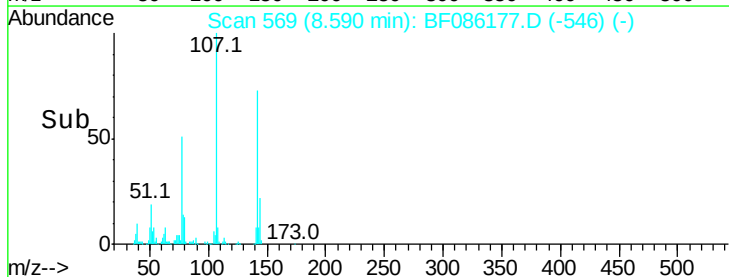
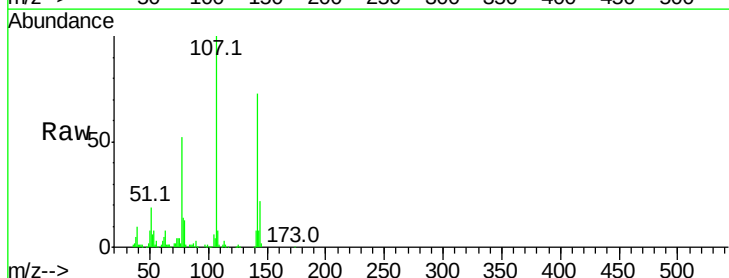
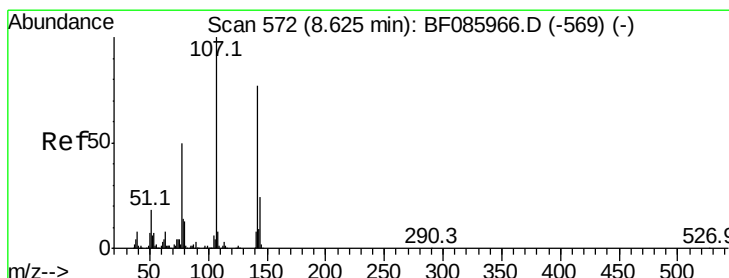
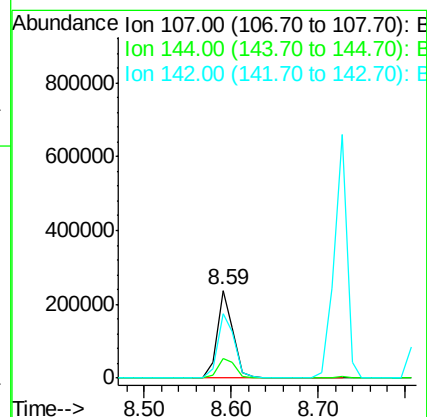
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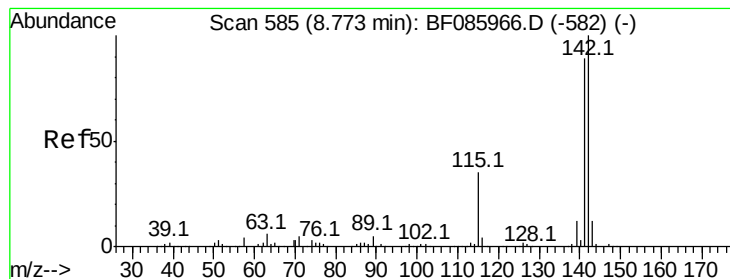
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#36
 4-Chloro-3-methylphenol
 Concen: 42.04 ng/ml
 RT: 8.59 min Scan# 569
 Delta R.T. -0.03 min
 Lab File: BF086177.D
 Acq: 8 Apr 2016 19:27

Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.4	19.3	28.9
142	72.8	61.4	92.0





#37

2-Methylnaphthalene

Concen: 41.57 ng

RT: 8.73 min Scan# 581

Delta R.T. -0.05 min

Lab File: BF086177.D

Acq: 8 Apr 2016 19:27

Instrument :

BNA_F

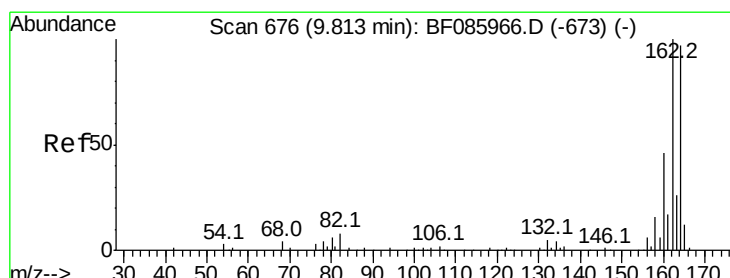
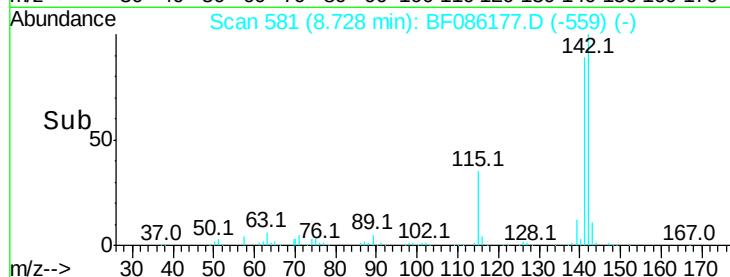
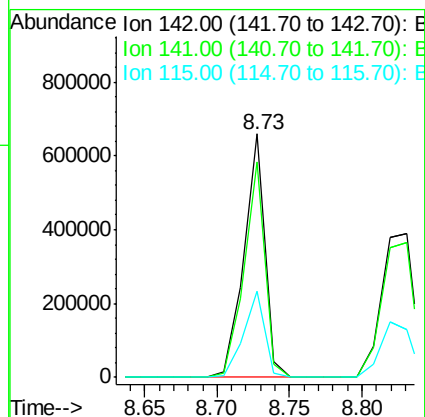
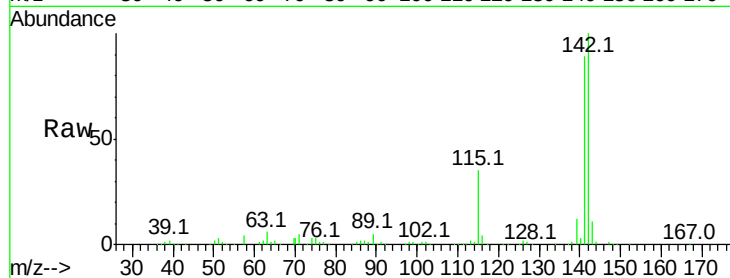
ClientSampleId :

PB89682BS

Tot Ion:	142	Resp:	658224
Ion Ratio	Lower	Upper	
142	100		
141	88.6	71.6	107.4
115	35.5	26.8	40.2

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4/11/2016 5:45:13 PM



#38

Acenaphthene-d10

Concen: 20.00 ng

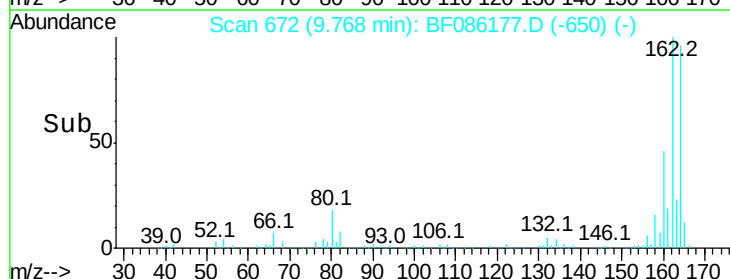
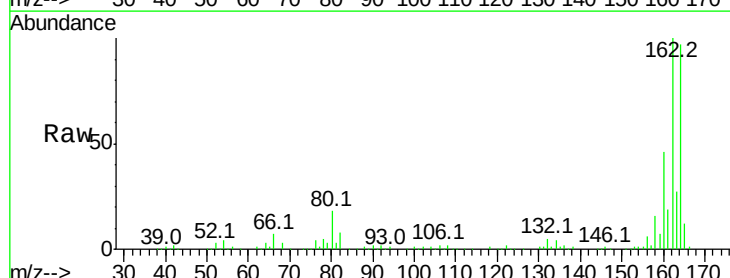
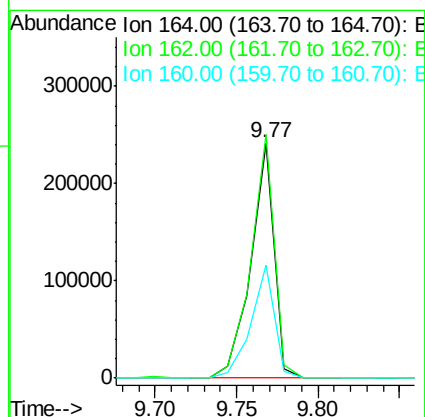
RT: 9.77 min Scan# 672

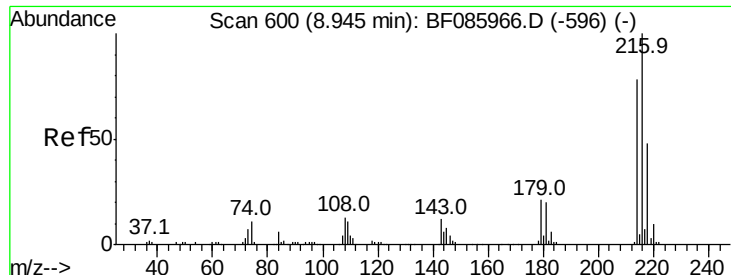
Delta R.T. -0.05 min

Lab File: BF086177.D

Acq: 8 Apr 2016 19:27

Tgt Ion:	164	Resp:	238423
Ion Ratio	Lower	Upper	
164	100		
162	103.5	82.1	123.1
160	48.0	37.4	56.2





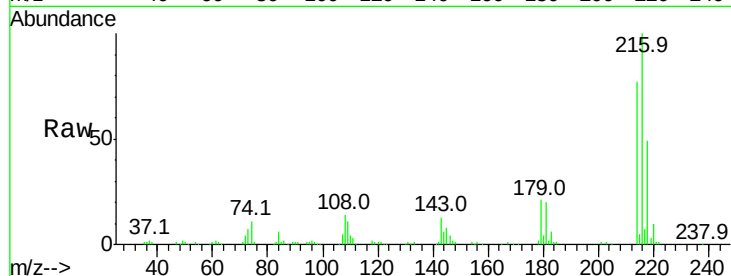
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.36 ng
 RT: 8.90 min Scan# 596
 Delta R.T. -0.05 min
 Lab File: BF086177.D
 Acq: 8 Apr 2016 19:27

Instrument :
 BNA_F
 ClientSampleId :
 PB89682BS

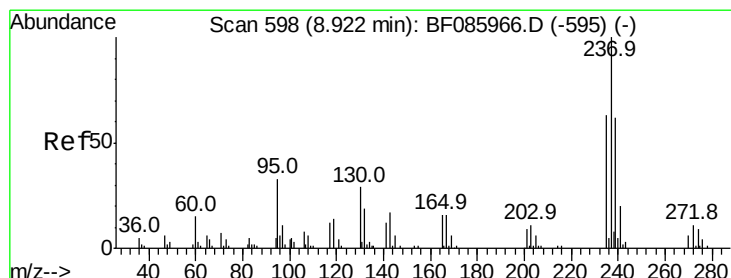
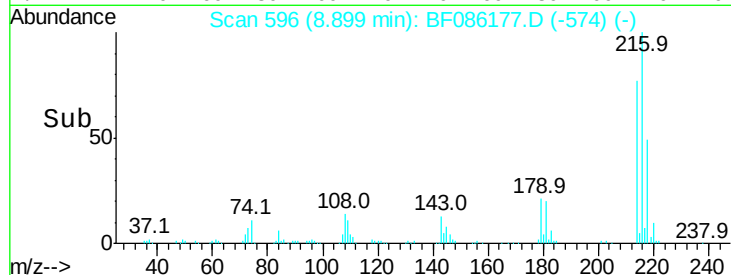
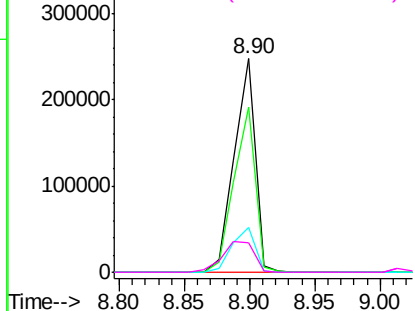
Tot Ion	Ratio	Resp	Lower	Upper
216	100	274919		
214	78.3	63.1	94.7	
179	23.1	18.2	27.2	
108	21.8	17.3	25.9	

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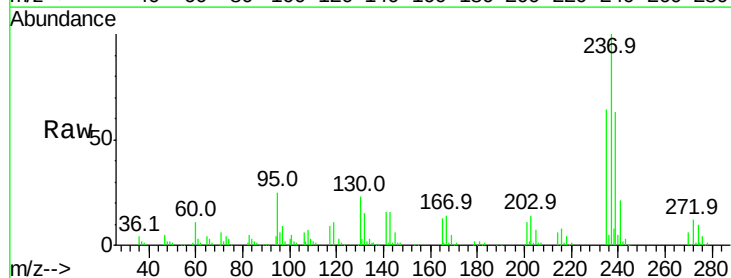


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

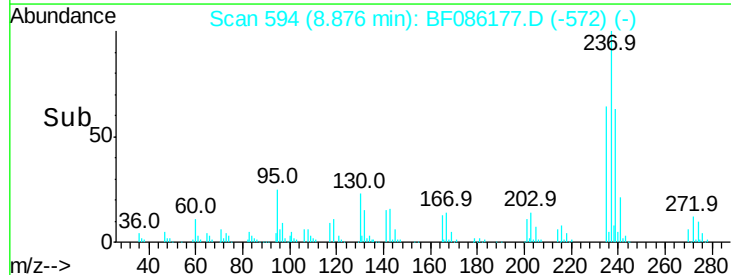
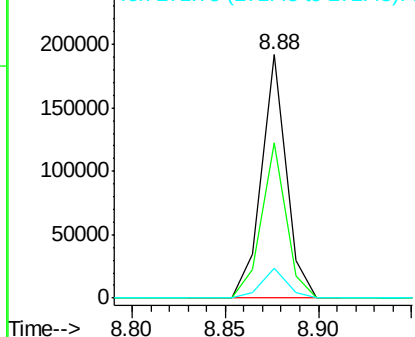


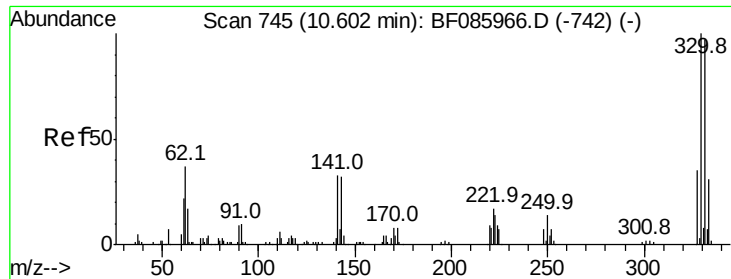
#40
 Hexachlorocyclopentadiene
 Concen: 71.33 ng
 RT: 8.88 min Scan# 594
 Delta R.T. -0.04 min
 Lab File: BF086177.D
 Acq: 8 Apr 2016 19:27

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	176683		
235	63.8	43.7	83.7	
272	12.1	0.0	31.9	



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





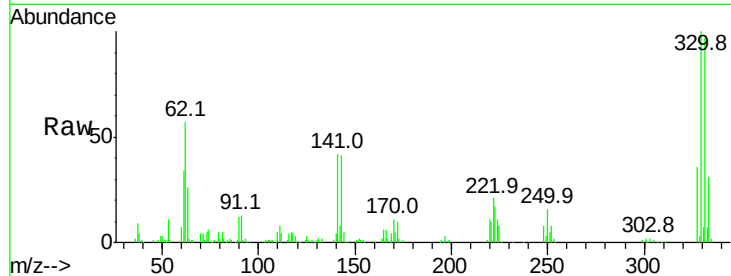
#41
 2,4,6-Tribromophenol
 Concen: 120.16 ng
 RT: 10.56 min Scan# 741
 Delta R.T. -0.05 min
 Lab File: BF086177.D
 Acq: 8 Apr 2016 19:27

Instrument :
 BNA_F
 ClientSampleId :
 PB89682BS

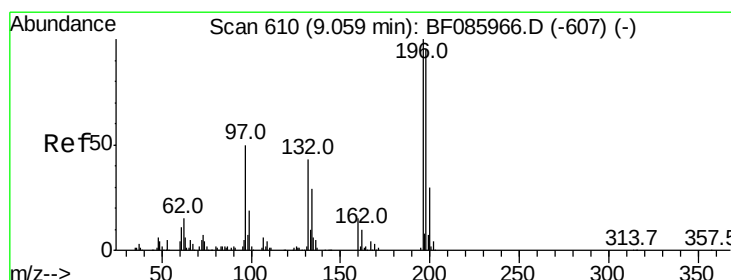
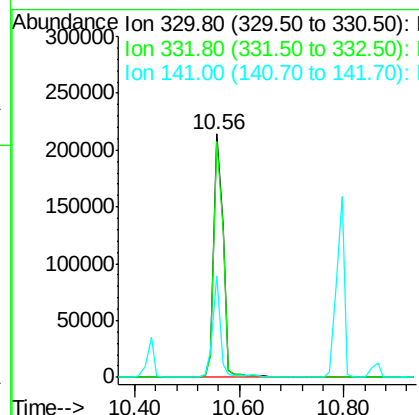
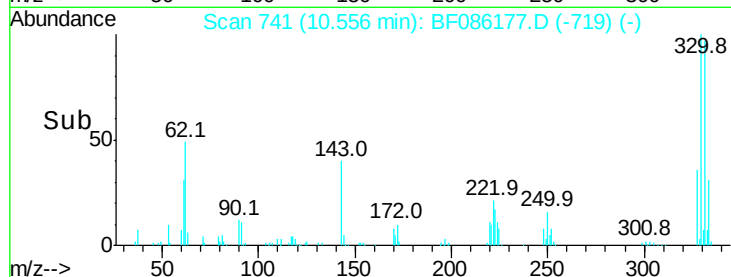
Tot Ion	Ratio	Resp	Lower	Upper
330	100	268890		
332	96.8	78.2	117.2	
141	33.8	31.5	47.3	

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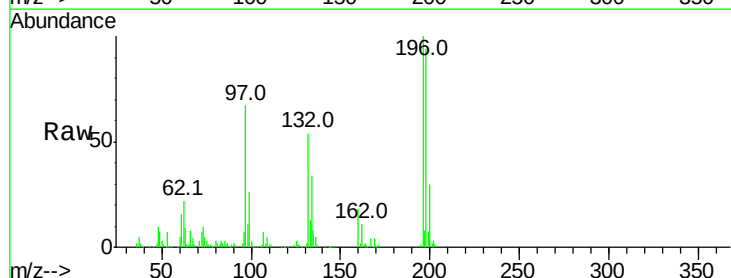


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

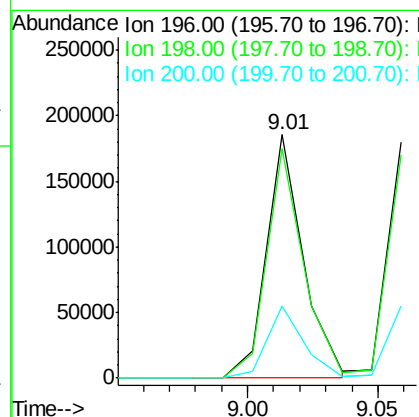
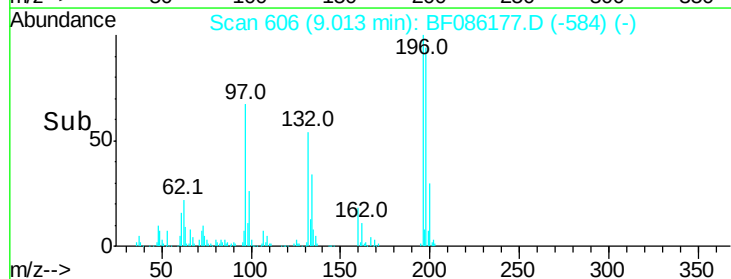


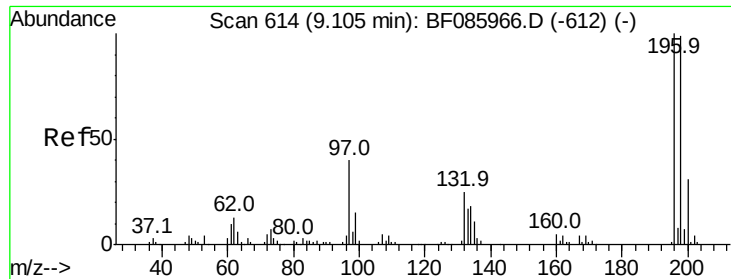
#42
 2,4,6-Trichlorophenol
 Concen: 39.63 ng
 RT: 9.01 min Scan# 606
 Delta R.T. -0.05 min
 Lab File: BF086177.D
 Acq: 8 Apr 2016 19:27

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	182358		
198	94.1	75.3	112.9	
200	29.6	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





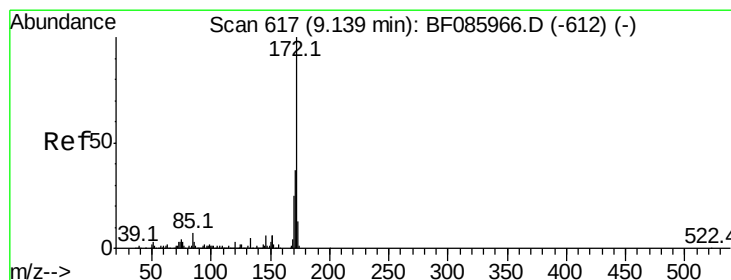
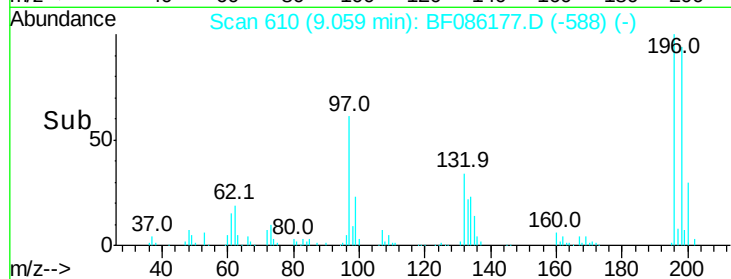
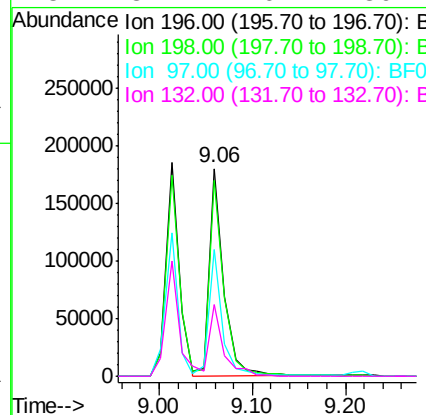
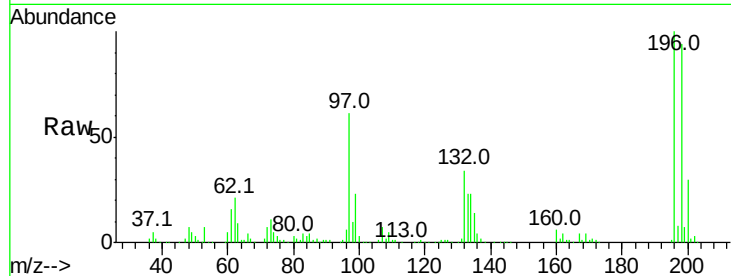
#43
 2,4,5-Trichlorophenol
 Concen: 41.65 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.05 min
 Lab File: BF086177.D
 Acq: 8 Apr 2016 19:27

Instrument :
 BNA_F
 ClientSampleId :
 PB89682BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	194588		
198	94.3	76.6	114.8	
97	60.9	30.5	45.7#	
132	34.4	20.2	30.2#	

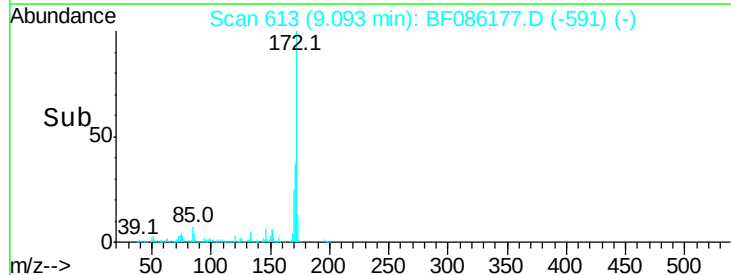
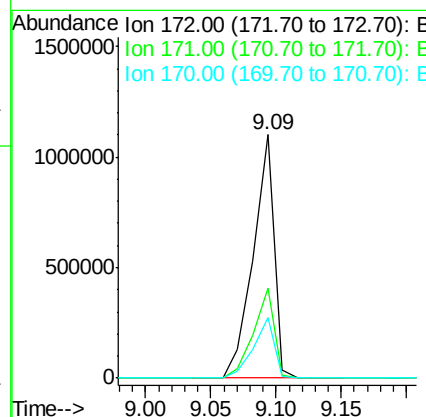
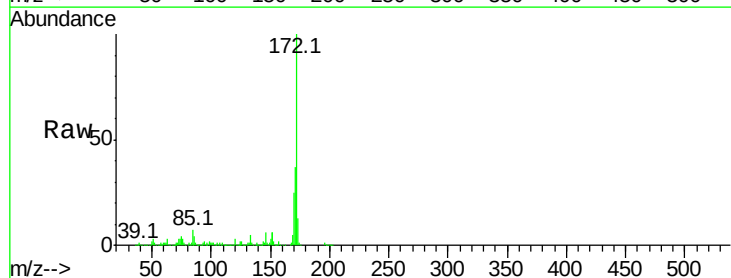
Manual Integrations
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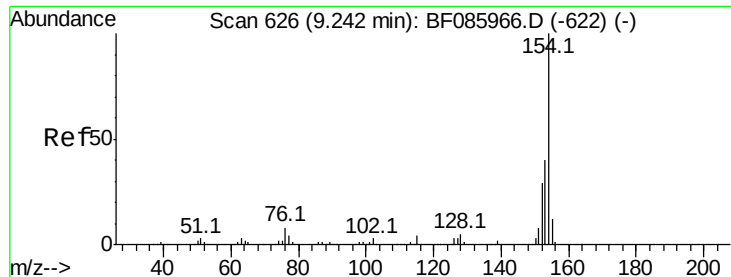
Sohil
 4/11/2016 5:45:13 PM



#44
 2-Fluorobiphenyl
 Concen: 86.25 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.05 min
 Lab File: BF086177.D
 Acq: 8 Apr 2016 19:27

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1236762		
171	36.7	29.4	44.2	
170	24.7	19.8	29.6	





#45

1,1'-Biphenyl

Concen: 37.89 ng

RT: 9.20 min Scan# 622

Delta R.T. -0.05 min

Lab File: BF086177.D

Acq: 8 Apr 2016 19:27

Instrument :

BNA_F

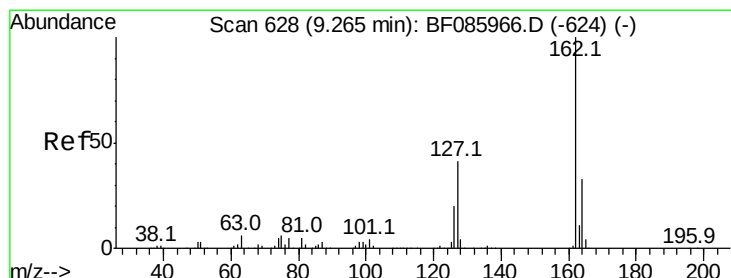
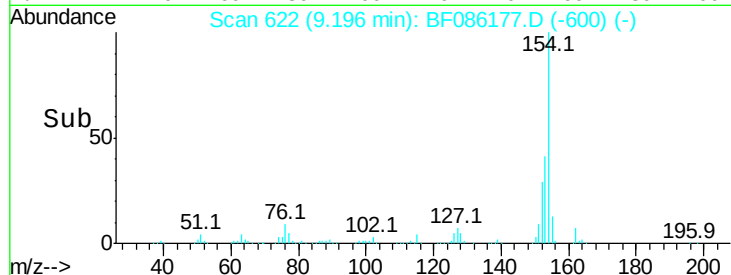
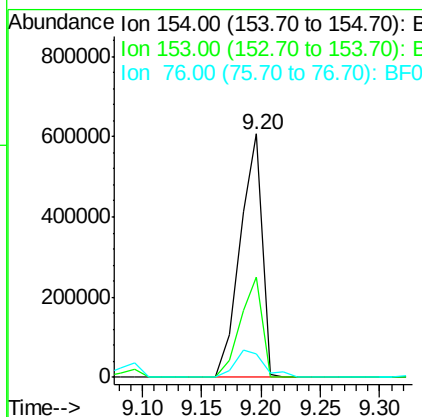
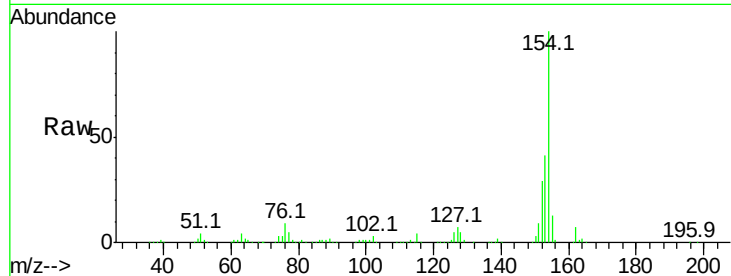
ClientSampleId :

PB89682BS

Tot Ion:	154	Resp:	779009
Ion Ratio	Lower	Upper	
154	100		
153	41.2	20.8	60.8
76	9.4	0.0	36.7

Manual Integrations
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Sohil
4/11/2016 5:45:13 PM



#46

2-Chloronaphthalene

Concen: 40.48 ng

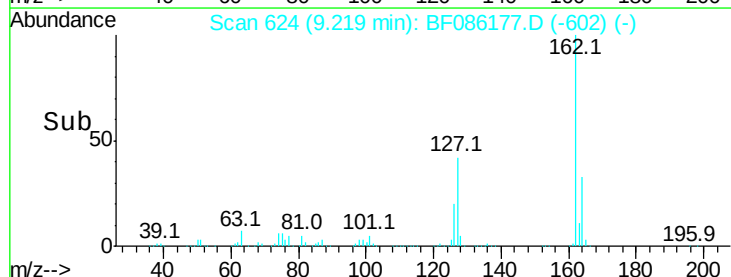
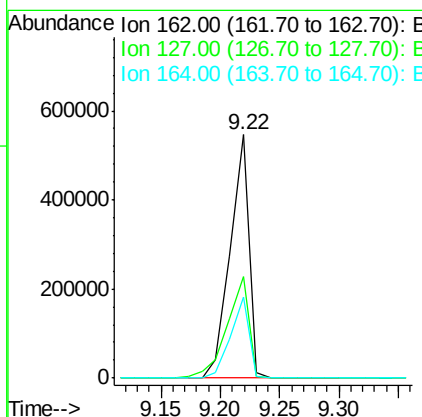
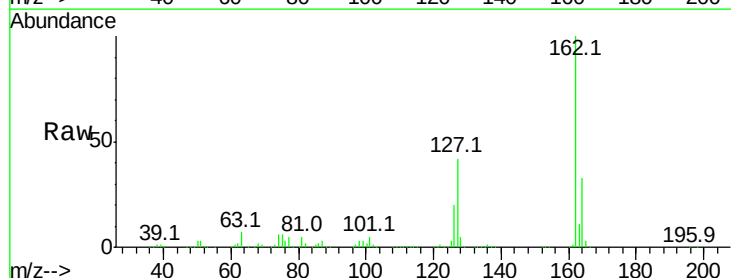
RT: 9.22 min Scan# 624

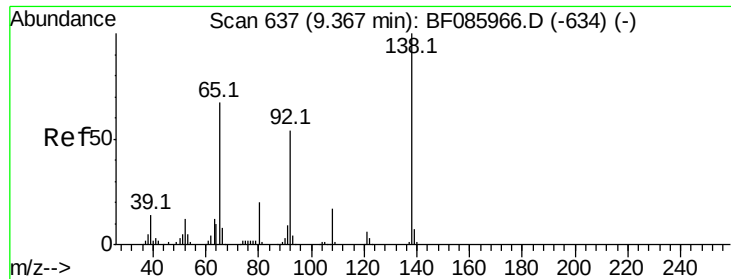
Delta R.T. -0.05 min

Lab File: BF086177.D

Acq: 8 Apr 2016 19:27

Tgt Ion:	162	Resp:	603317
Ion Ratio	Lower	Upper	
162	100		
127	41.9	31.7	47.5
164	33.4	27.3	40.9





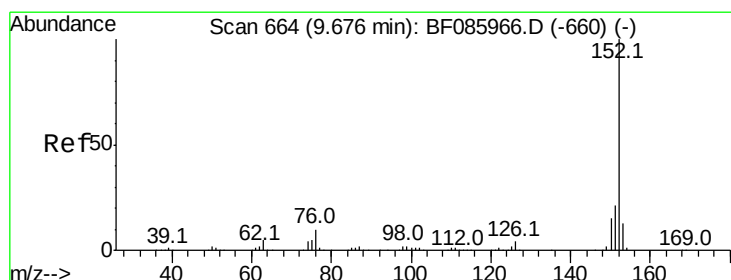
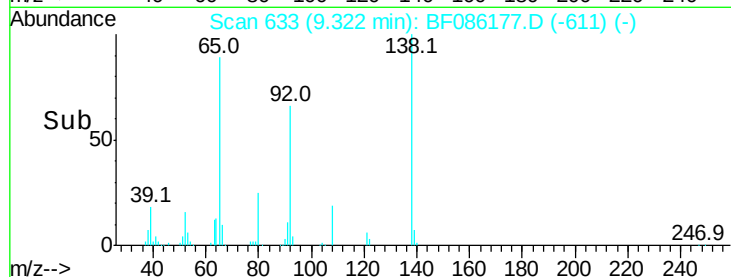
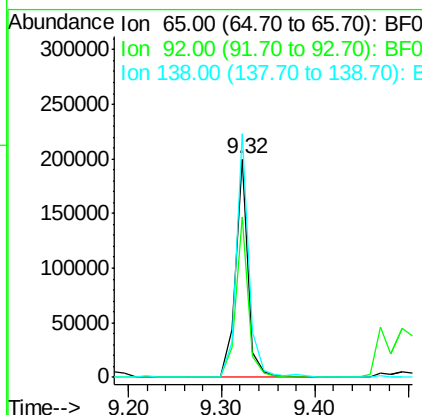
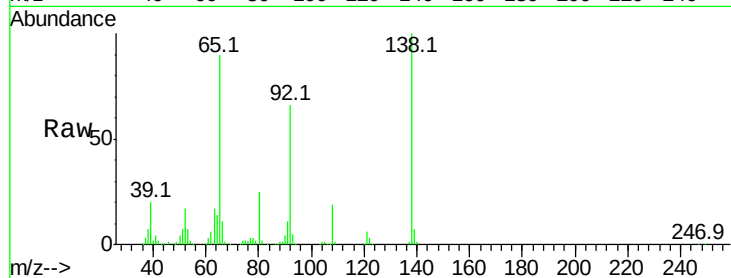
#47
2-Nitroaniline
Concen: 43.46 ng
RT: 9.32 min Scan# 633
Delta R.T. -0.05 min
Lab File: BF086177.D
Acq: 8 Apr 2016 19:27

Instrument :
BNA_F
ClientSampleId :
PB89682BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	73.8	59.7	89.5
138	111.6	91.4	137.0

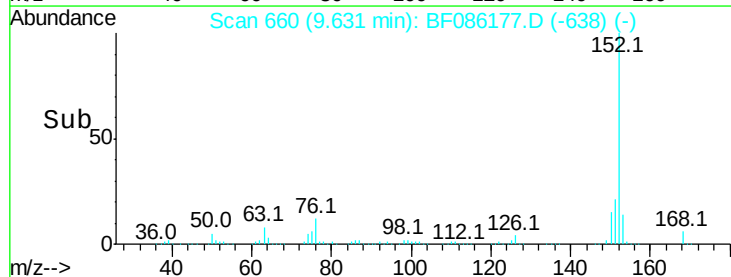
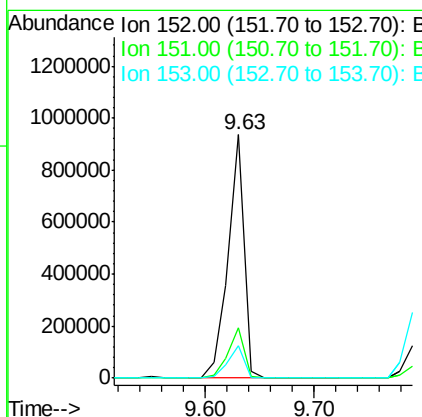
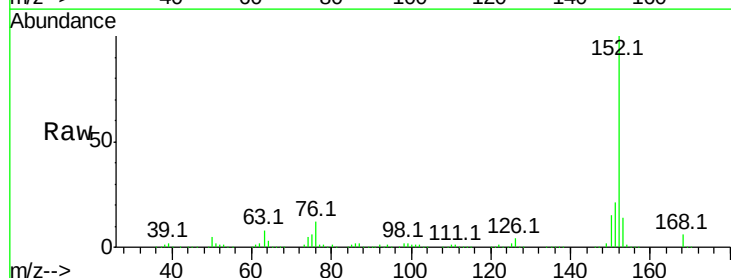
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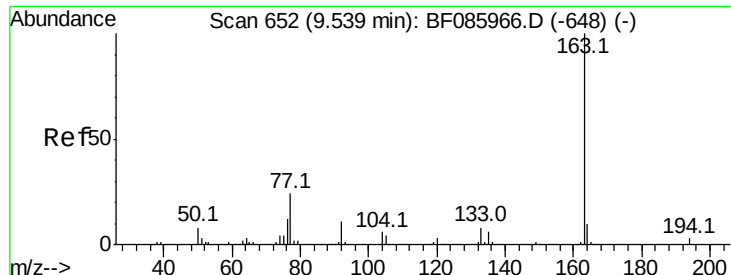
Sohil
4/11/2016 5:45:13 PM



#48
Acenaphthylene
Concen: 39.75 ng
RT: 9.63 min Scan# 660
Delta R.T. -0.05 min
Lab File: BF086177.D
Acq: 8 Apr 2016 19:27

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





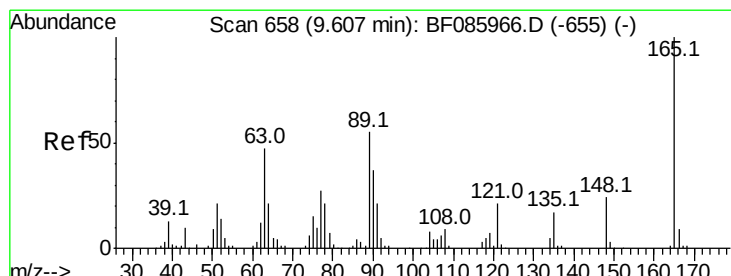
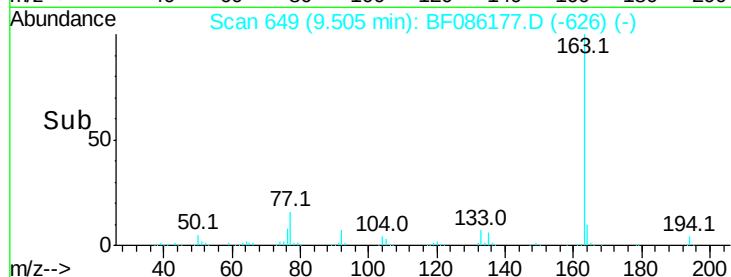
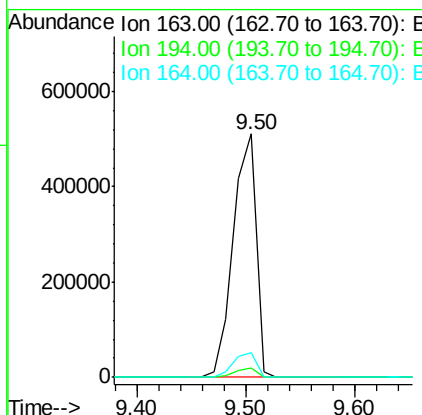
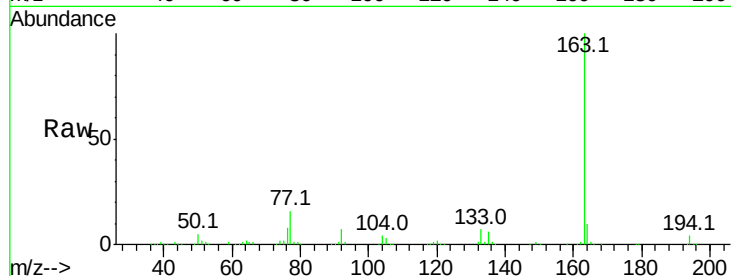
#49
Dimethylphthalate
Concen: 41.73 ng
RT: 9.50 min Scan# 649
Delta R.T. -0.03 min
Lab File: BF086177.D
Acq: 8 Apr 2016 19:27

Instrument :
BNA_F
ClientSampleId :
PB89682BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	737427		
194	3.7		2.9	4.3
164	9.9		8.3	12.5

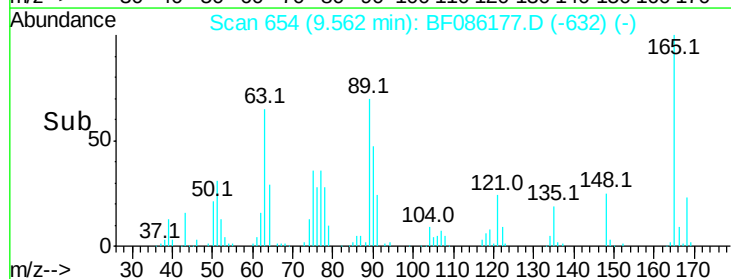
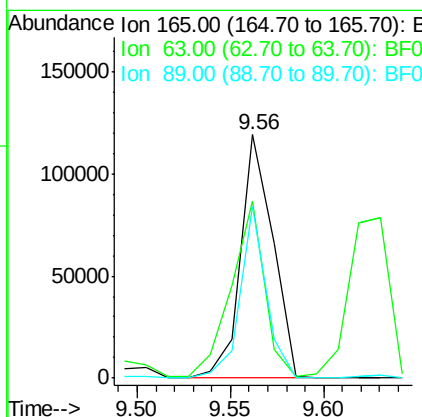
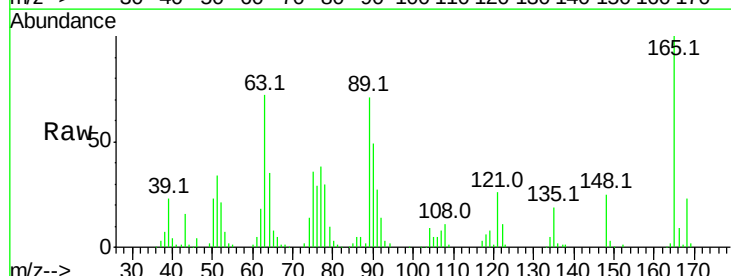
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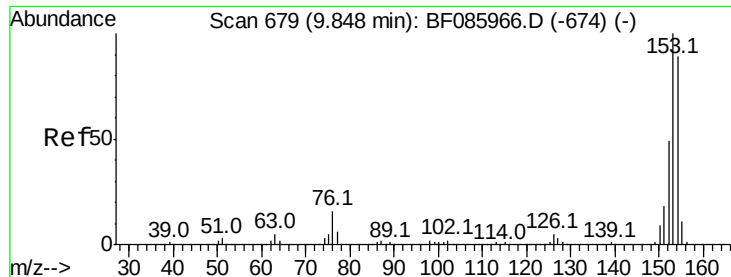
Sohil
4/11/2016 5:45:13 PM



#50
2,6-Dinitrotoluene
Concen: 38.09 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.05 min
Lab File: BF086177.D
Acq: 8 Apr 2016 19:27

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	142424		
63	72.5		51.8	77.8
89	70.8		53.7	80.5





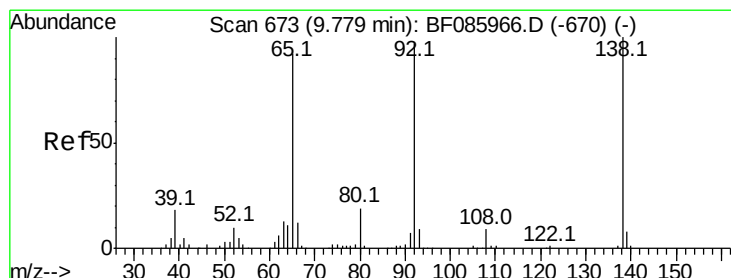
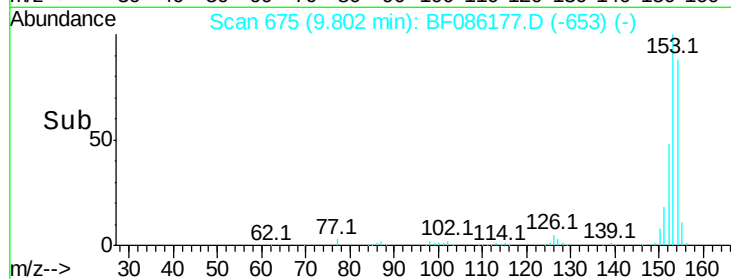
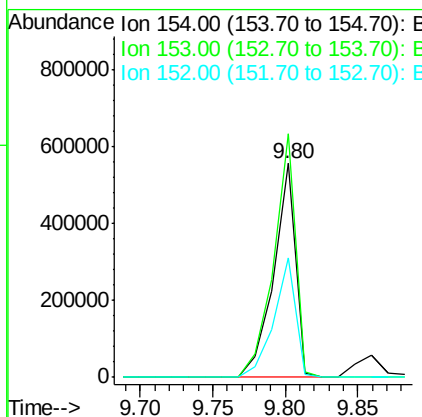
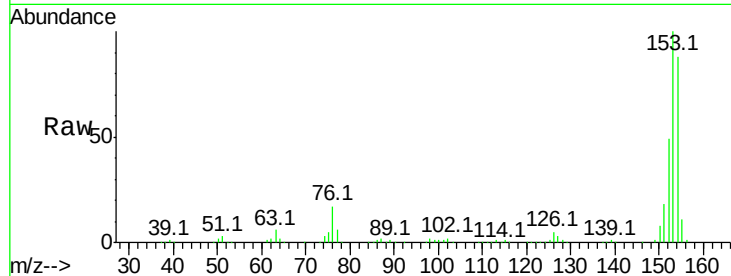
#51
Acenaphthene
Concen: 41.01 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.05 min
Lab File: BF086177.D
Acq: 8 Apr 2016 19:27

Instrument :
BNA_F
ClientSampleId :
PB89682BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	113.8	90.1	135.1
152	56.0	44.2	66.2

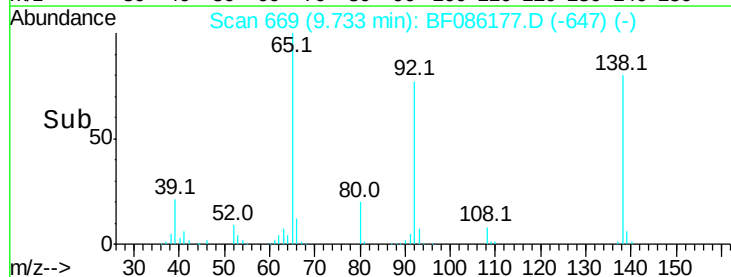
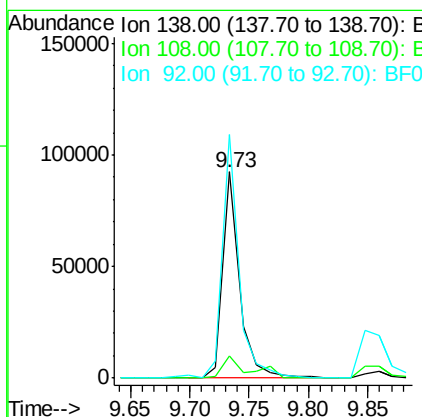
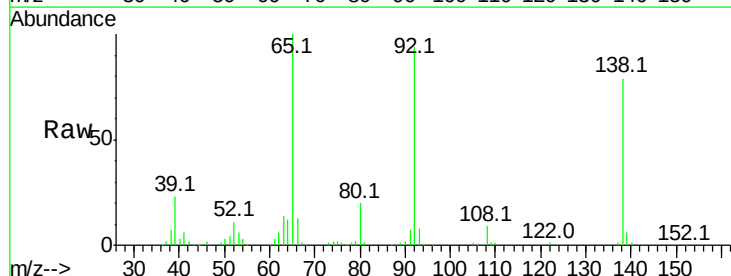
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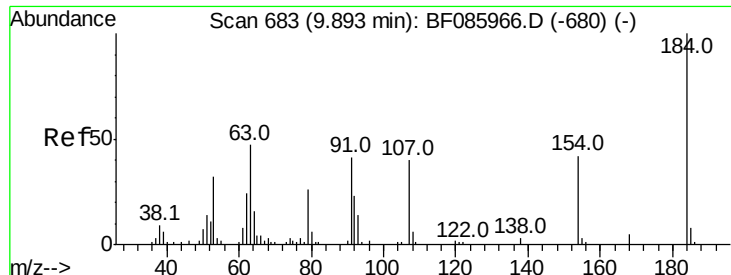
Sohil
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#52
3-Nitroaniline
Concen: 20.13 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.05 min
Lab File: BF086177.D
Acq: 8 Apr 2016 19:27

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.9	8.7	13.1
92	118.2	93.3	139.9





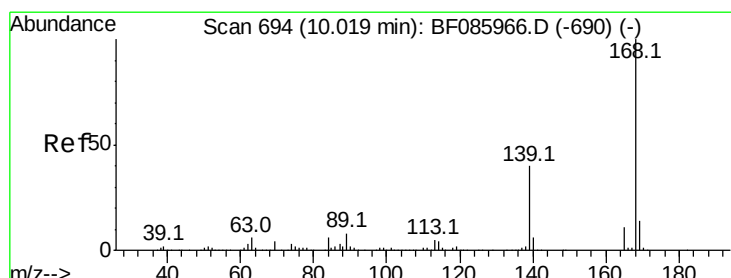
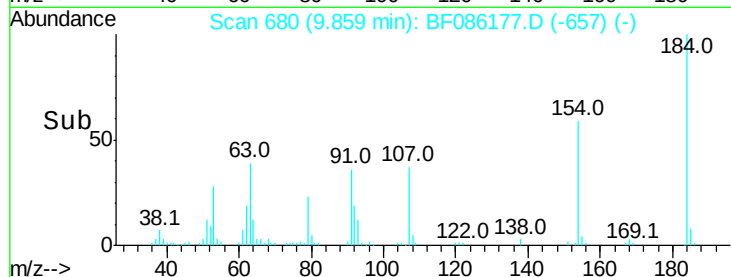
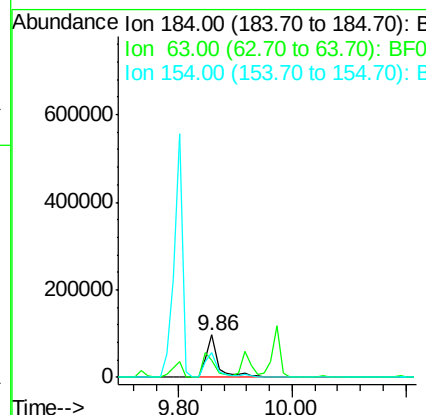
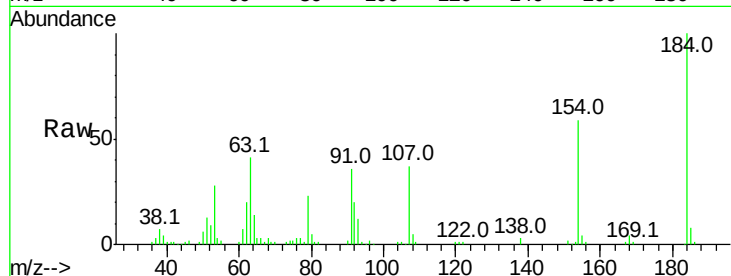
#53
 2,4-Dinitrophenol
 Concen: 63.64 ng
 RT: 9.86 min Scan# 680
 Delta R.T. -0.03 min
 Lab File: BF086177.D
 Acq: 8 Apr 2016 19:27

Instrument :
 BNA_F
 ClientSampleId :
 PB89682BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	41.1	69.5	104.3	
154	58.6	58.3	87.5	

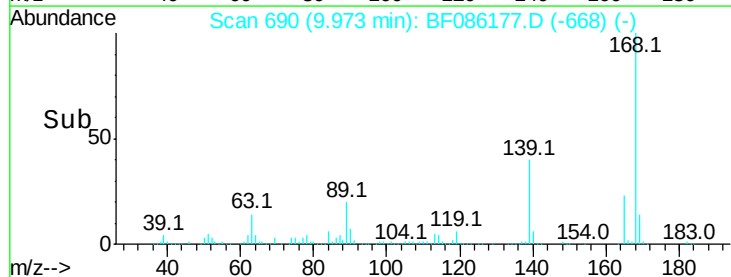
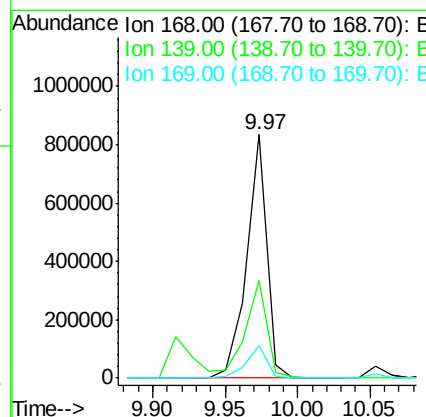
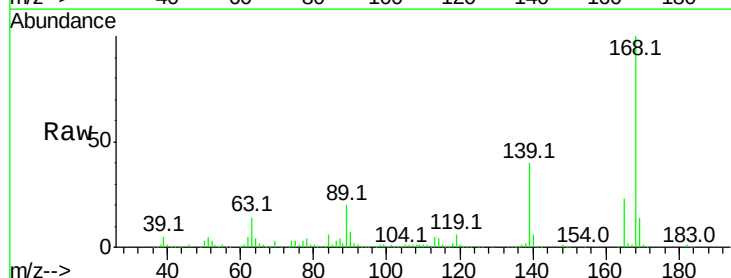
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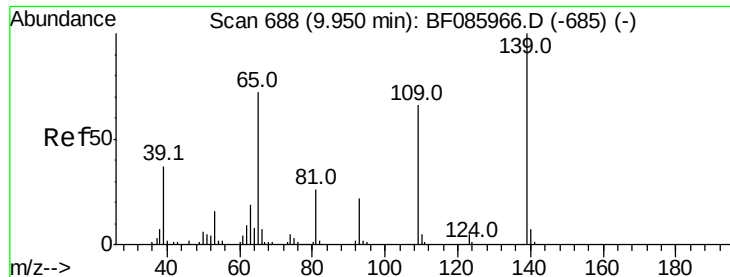
Sohil
 4/11/2016 5:45:13 PM



#54
 Dibenzofuran
 Concen: 42.55 ng
 RT: 9.97 min Scan# 690
 Delta R.T. -0.05 min
 Lab File: BF086177.D
 Acq: 8 Apr 2016 19:27

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	40.4	31.9	47.9	
169	13.6	11.0	16.6	





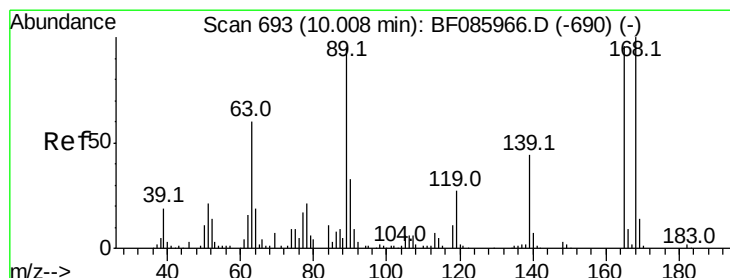
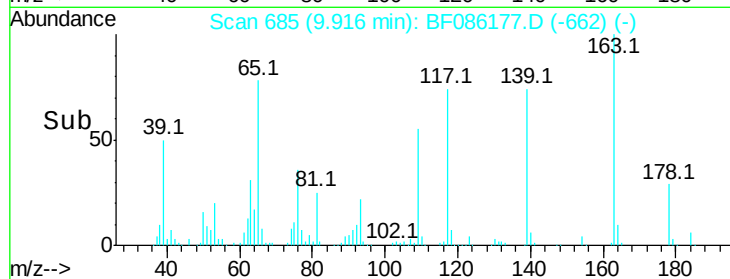
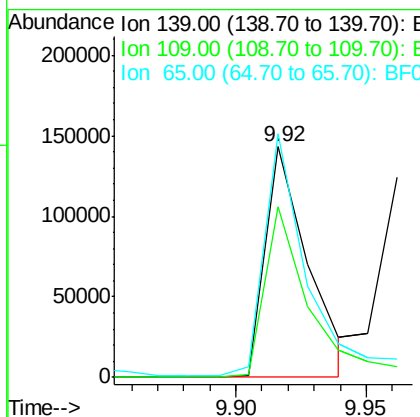
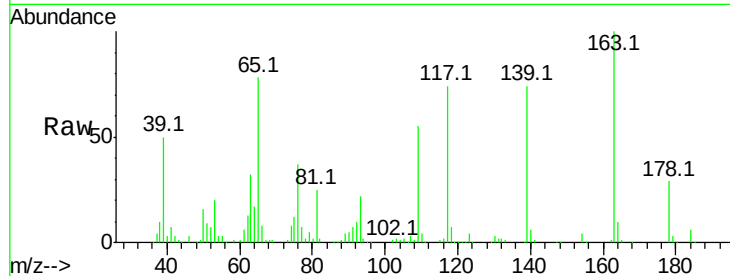
#55
4-Nitrophenol
Concen: 61.79 ng
RT: 9.92 min Scan# 685
Delta R.T. -0.03 min
Lab File: BF086177.D
Acq: 8 Apr 2016 19:27

Instrument :
BNA_F
ClientSampleId :
PB89682BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	164141		
109	74.1	49.2	89.2	
65	105.6	66.9	106.9	

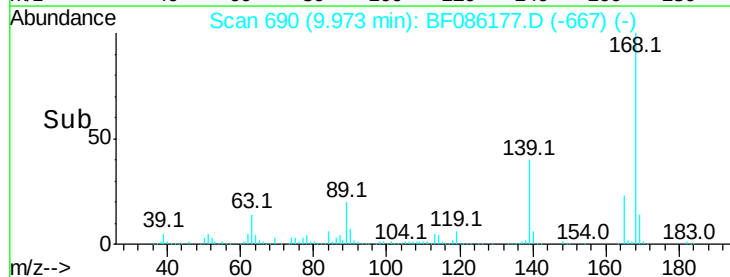
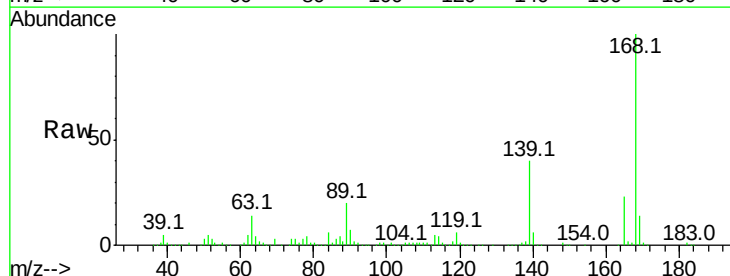
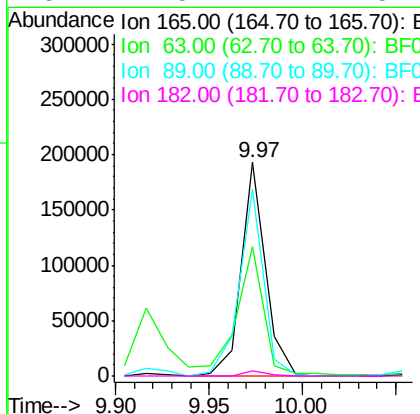
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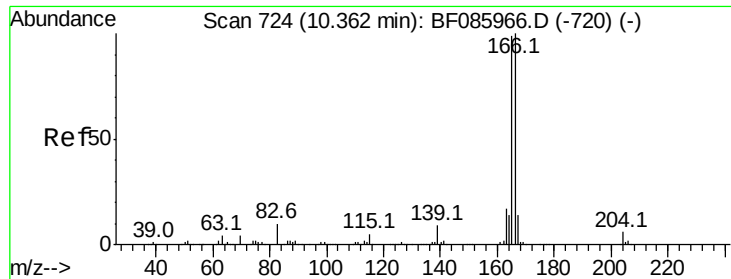
Sohil
4/11/2016 5:45:13 PM



#56
2,4-Dinitrotoluene
Concen: 37.13 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.03 min
Lab File: BF086177.D
Acq: 8 Apr 2016 19:27

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	175406		
63	60.6	24.9	37.3#	
89	87.4	41.0	61.6#	
182	2.5	2.1	3.1	





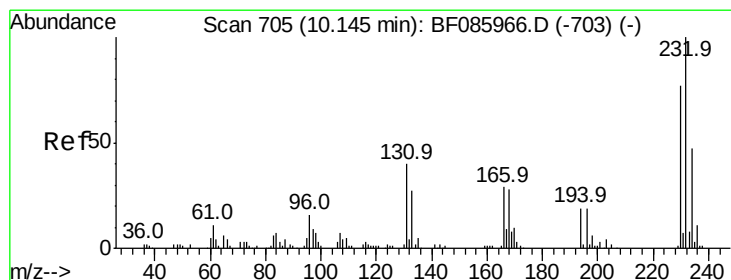
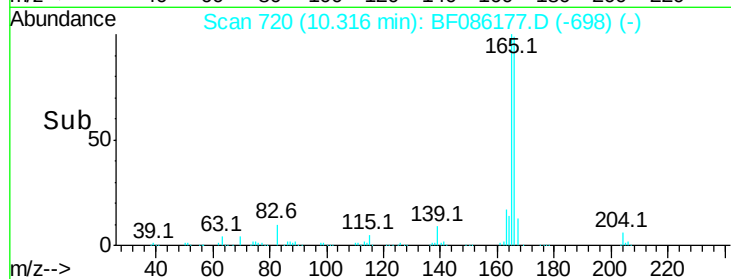
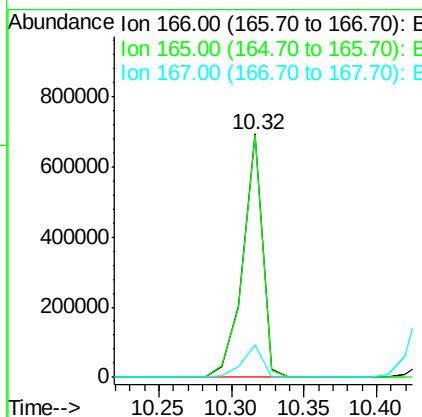
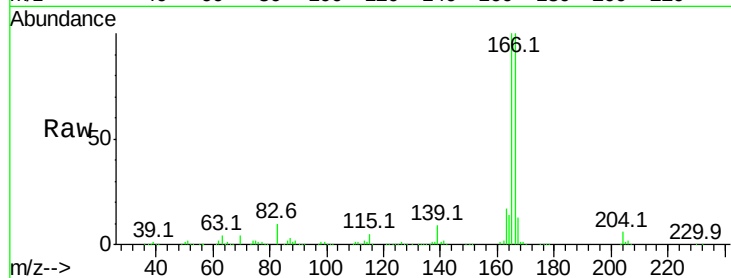
#57
 Fluorene
 Concen: 40.87 ng
 RT: 10.32 min Scan# 720
 Delta R.T. -0.05 min
 Lab File: BF086177.D
 Acq: 8 Apr 2016 19:27

Instrument :
 BNA_F
 ClientSampleId :
 PB89682BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	654613		
165	99.7	79.4	119.0	
167	13.3	11.0	16.4	

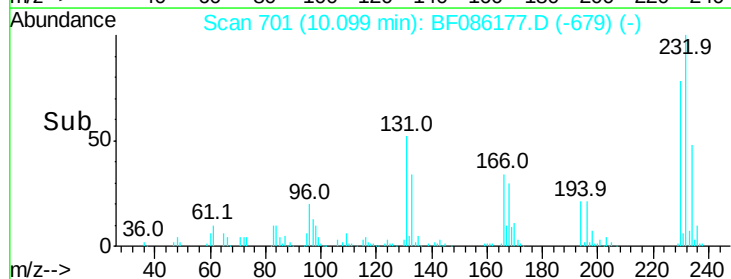
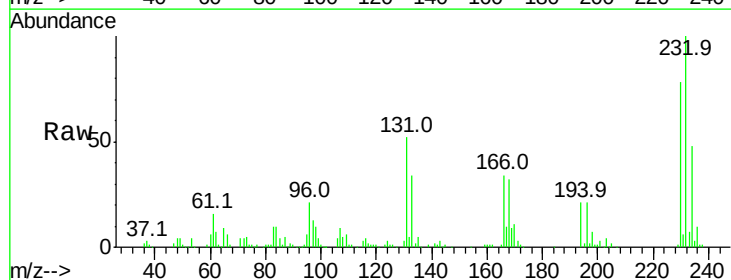
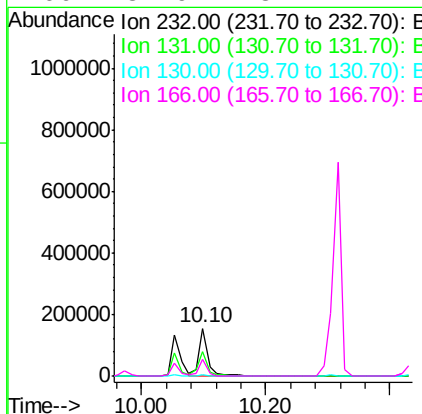
Manual Integrations
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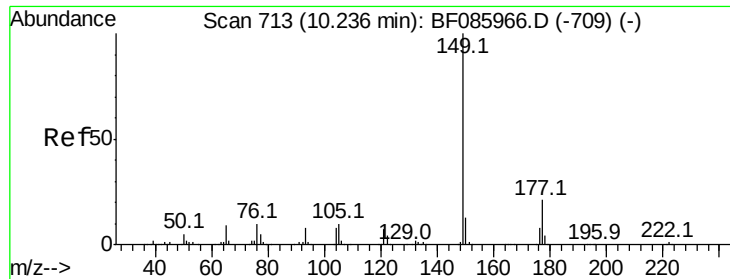
Sohil
 4/11/2016 5:45:13 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.44 ng
 RT: 10.10 min Scan# 701
 Delta R.T. -0.05 min
 Lab File: BF086177.D
 Acq: 8 Apr 2016 19:27

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	158065		
131	53.9	44.9	67.3	
130	2.5	2.3	3.5	
166	31.9	28.1	42.1	





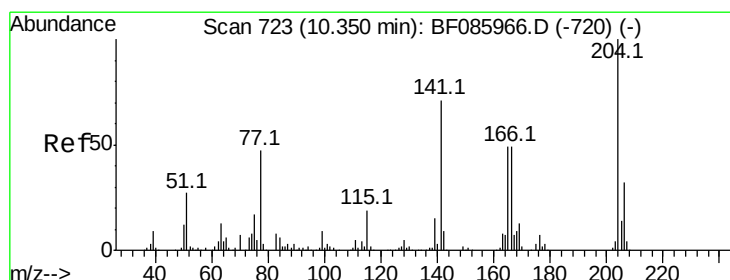
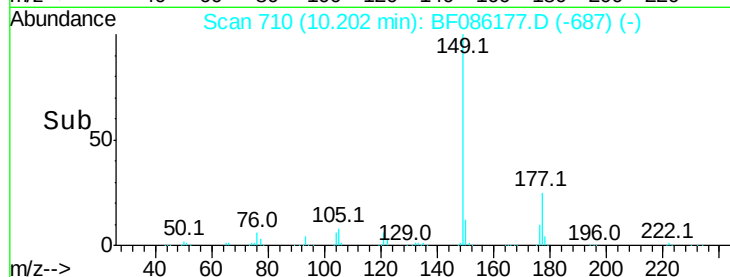
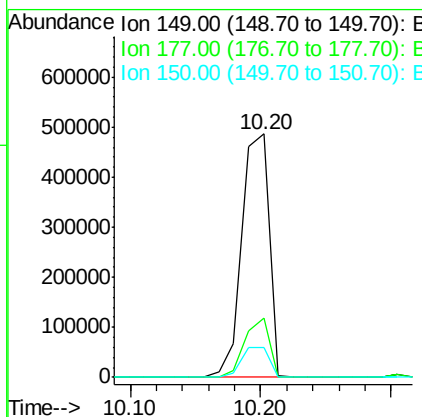
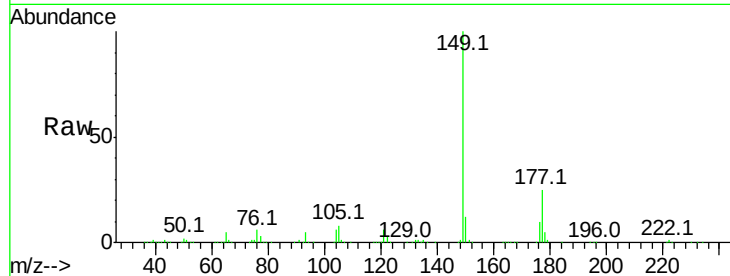
#59
Diethylphthalate
Concen: 39.58 ng
RT: 10.20 min Scan# 710
Delta R.T. -0.03 min
Lab File: BF086177.D
Acq: 8 Apr 2016 19:27

Instrument :
BNA_F
ClientSampleId :
PB89682BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	705944		
177	24.6		17.9	26.9
150	12.5		10.2	15.2

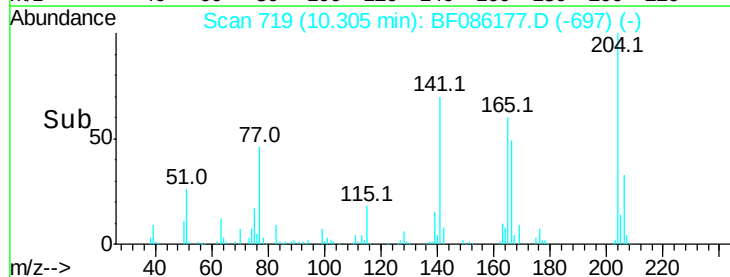
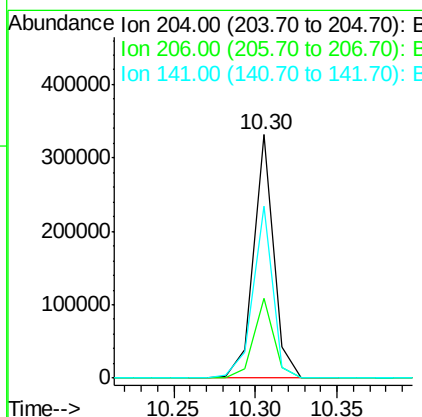
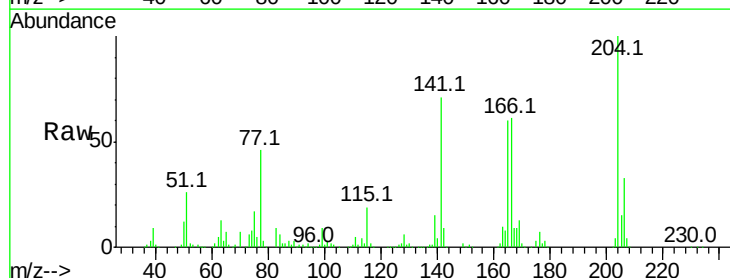
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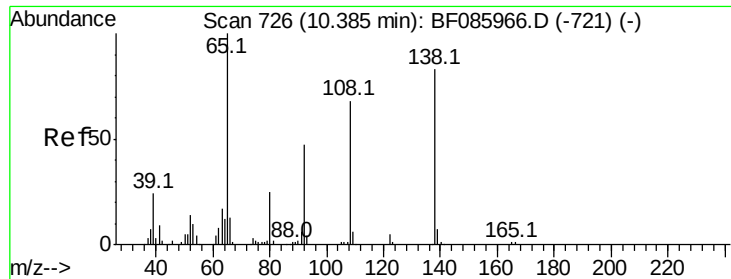
Sohil
4/11/2016 5:45:13 PM



#60
4-Chlorophenyl-phenylether
Concen: 38.21 ng
RT: 10.30 min Scan# 719
Delta R.T. -0.05 min
Lab File: BF086177.D
Acq: 8 Apr 2016 19:27

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	285094		
206	32.8		26.6	39.8
141	70.6		57.4	86.0





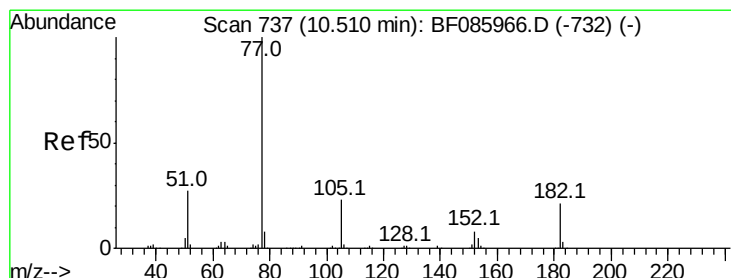
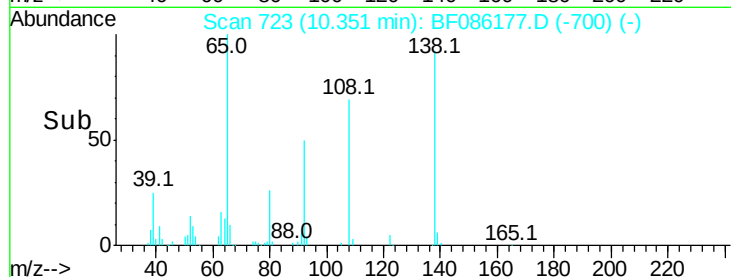
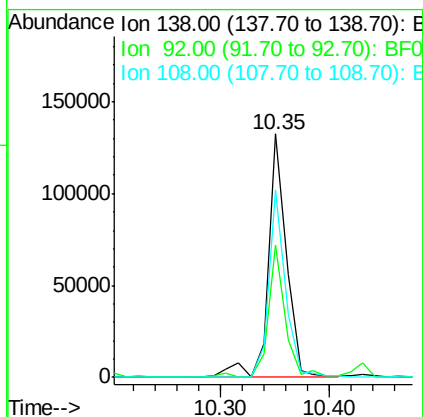
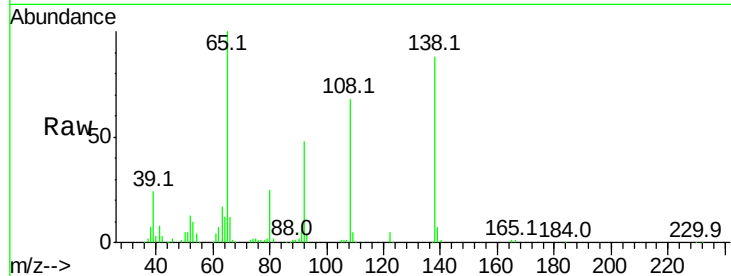
#61
4-Nitroaniline
Concen: 35.23 ng
RT: 10.35 min Scan# 723
Delta R.T. -0.03 min
Lab File: BF086177.D
Acq: 8 Apr 2016 19:27

Instrument :
BNA_F
ClientSampleId :
PB89682BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	54.4	26.4	66.4
108	77.1	49.0	89.0

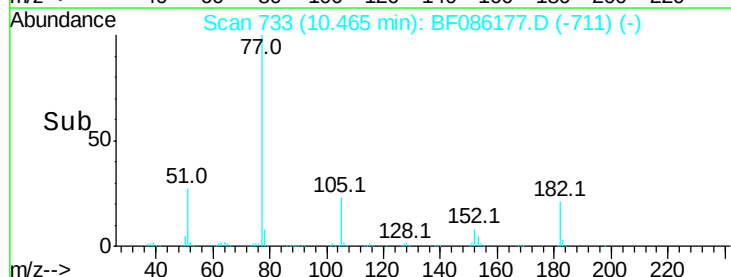
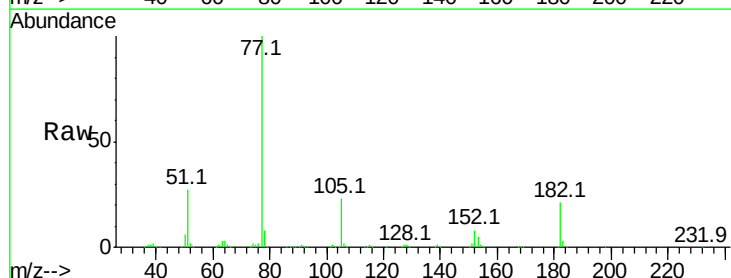
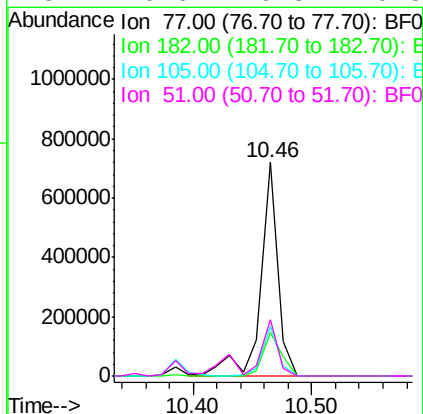
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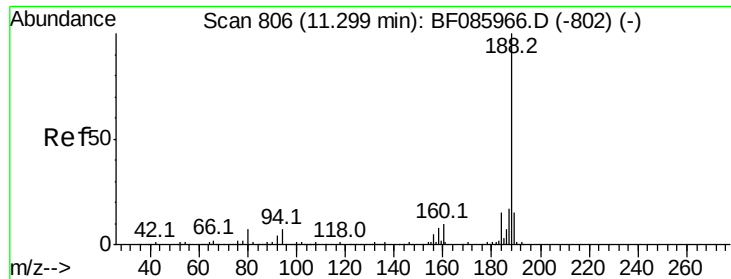
Sohil
4/11/2016 5:45:13 PM



#62
Azobenzene
Concen: 43.07 ng
RT: 10.46 min Scan# 733
Delta R.T. -0.05 min
Lab File: BF086177.D
Acq: 8 Apr 2016 19:27

Tgt Ion	Ratio	Lower	Upper
77	100		
182	20.6	1.9	41.9
105	23.2	3.5	43.5
51	26.6	6.3	46.3





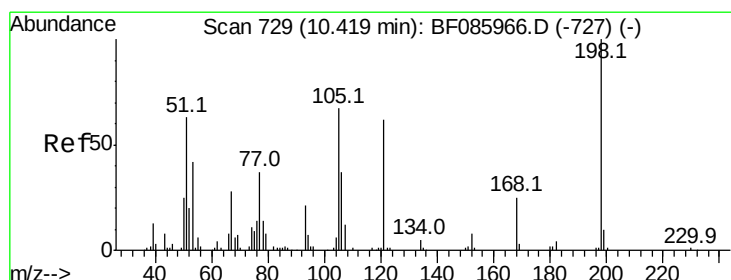
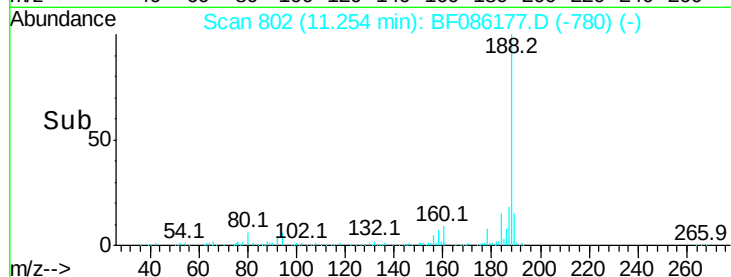
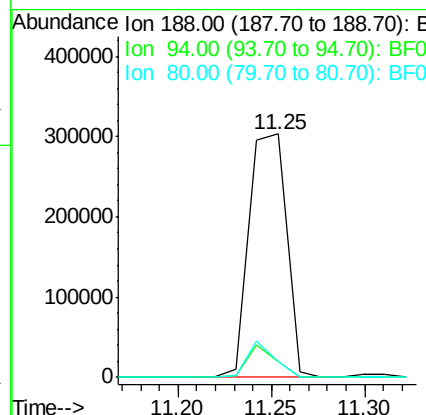
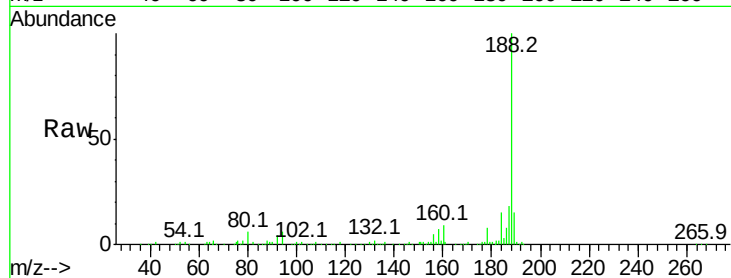
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 802
Delta R.T. -0.05 min
Lab File: BF086177.D
Acq: 8 Apr 2016 19:27

Instrument :
BNA_F
ClientSampleId :
PB89682BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	423526		
94	6.4		5.4	8.0
80	6.4		5.5	8.3

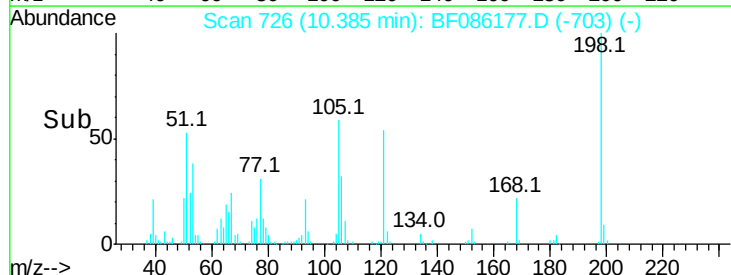
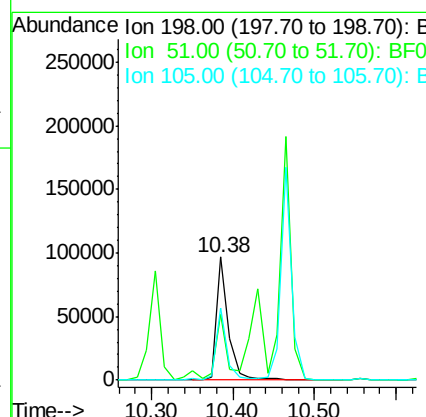
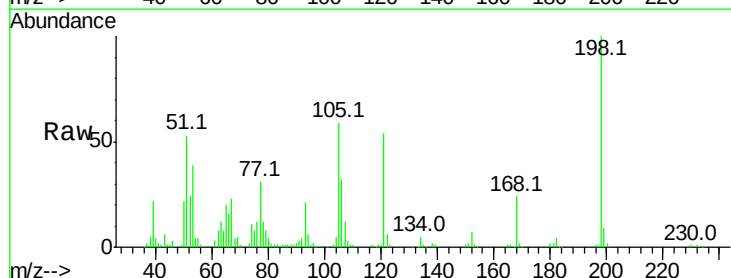
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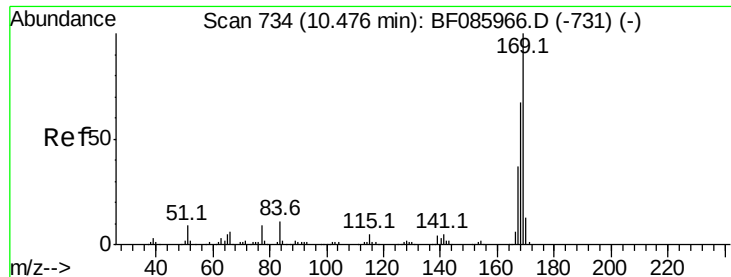
Sohil
4/11/2016 5:45:13 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 39.16 ng
RT: 10.38 min Scan# 726
Delta R.T. -0.03 min
Lab File: BF086177.D
Acq: 8 Apr 2016 19:27

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	100506		
51	53.0		45.4	85.4
105	58.8		45.9	85.9





#65

n-Nitrosodiphenylamine

Concen: 43.11 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.05 min

Lab File: BF086177.D

Acq: 8 Apr 2016 19:27

Instrument :

BNA_F

ClientSampleId :

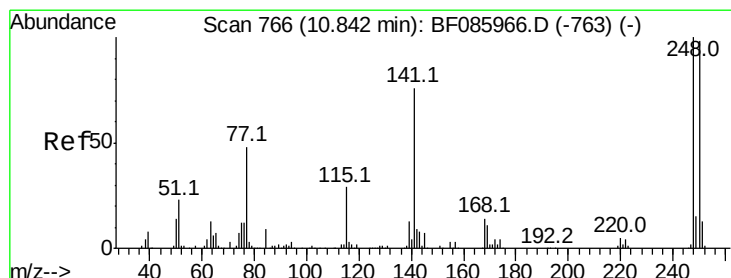
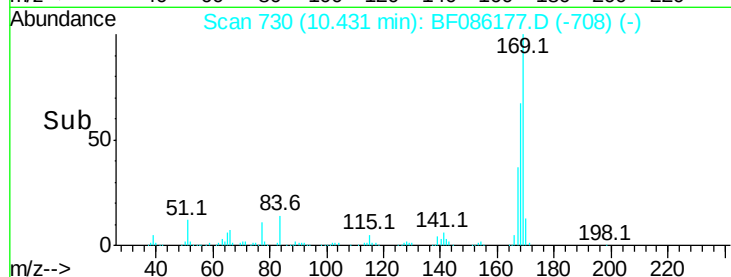
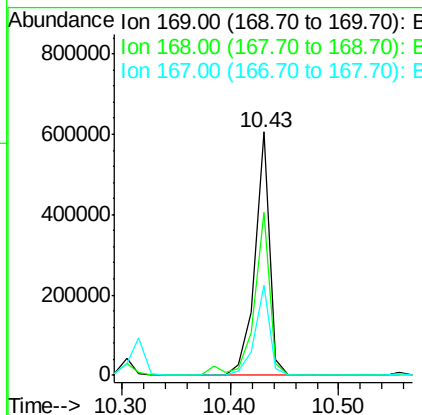
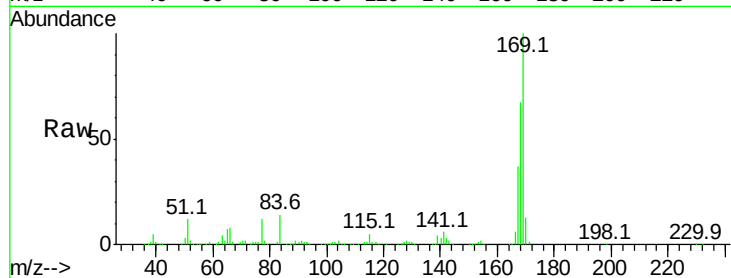
PB89682BS

Manual Integrations
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
169	100		571040		
168	66.8	54.4	81.6		
167	36.8	29.4	44.0		



#66

4-Bromophenyl-phenylether

Concen: 45.45 ng

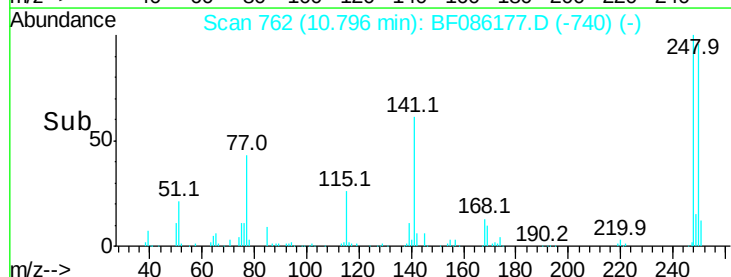
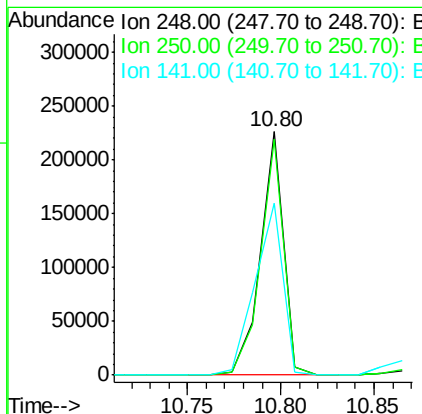
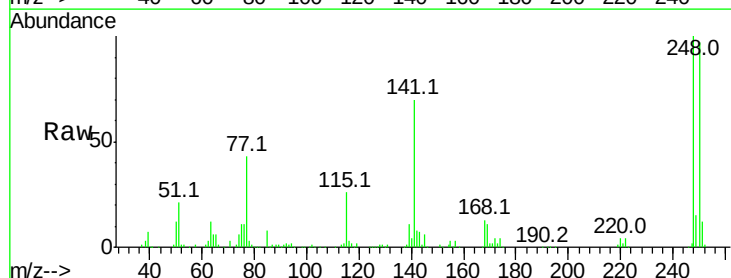
RT: 10.80 min Scan# 762

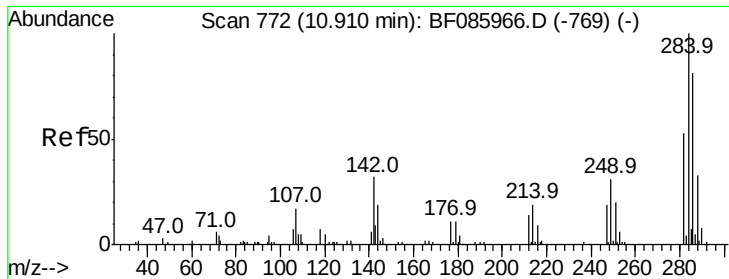
Delta R.T. -0.05 min

Lab File: BF086177.D

Acq: 8 Apr 2016 19:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
248	100		196533		
250	97.1	77.4	116.0		
141	70.4	63.6	95.4		





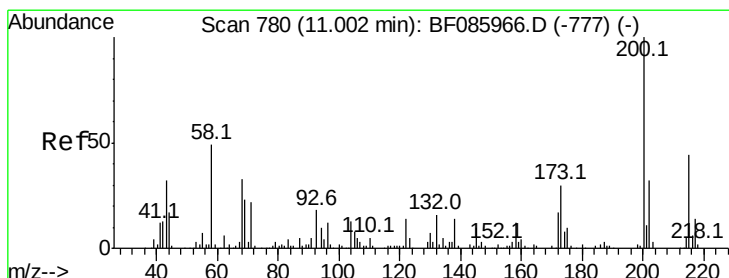
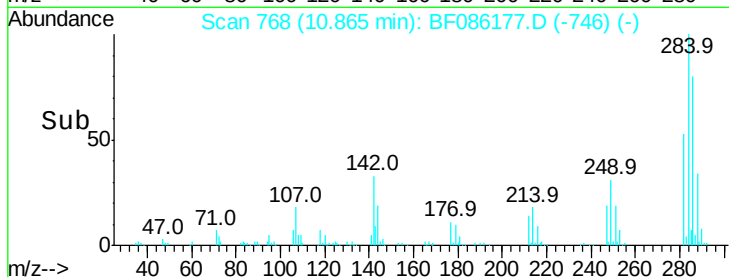
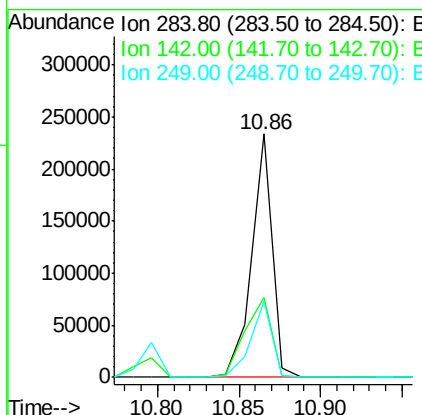
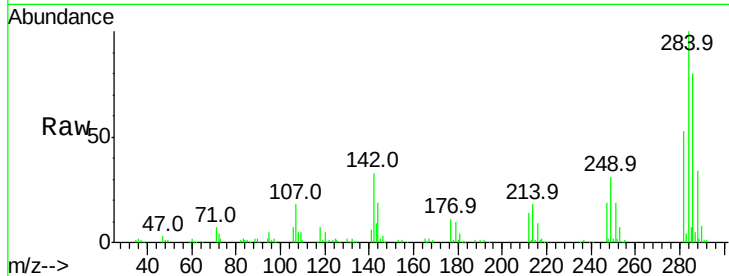
#67
Hexachlorobenzene
Concen: 45.60 ng
RT: 10.86 min Scan# 768
Delta R.T. -0.05 min
Lab File: BF086177.D
Acq: 8 Apr 2016 19:27

Instrument :
BNA_F
ClientSampleId :
PB89682BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	203911		
142	32.7	23.1	34.7	
249	31.2	24.2	36.2	

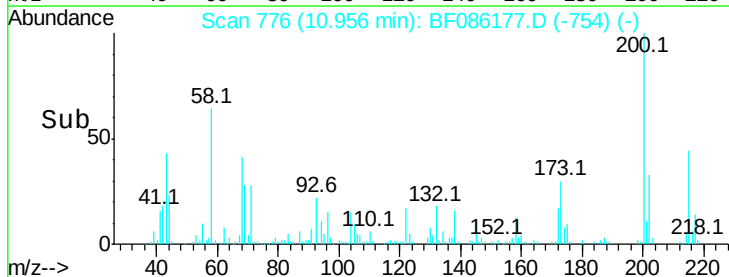
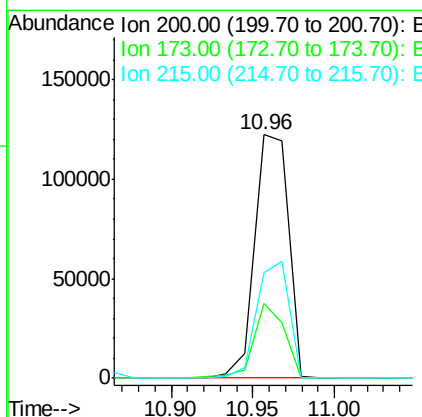
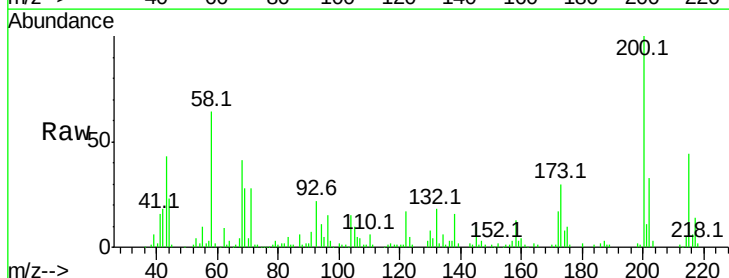
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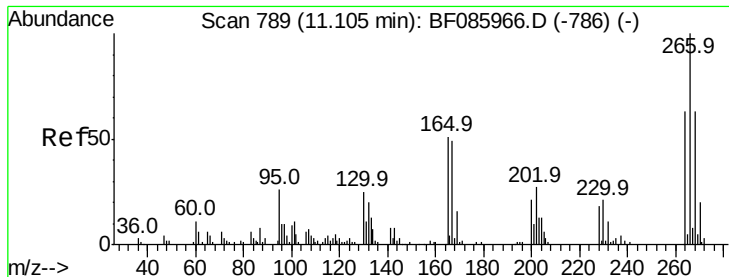
Sohil
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#68
Atrazine
Concen: 41.16 ng
RT: 10.96 min Scan# 776
Delta R.T. -0.05 min
Lab File: BF086177.D
Acq: 8 Apr 2016 19:27

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	176141		
173	30.5	7.7	47.7	
215	43.5	25.4	65.4	





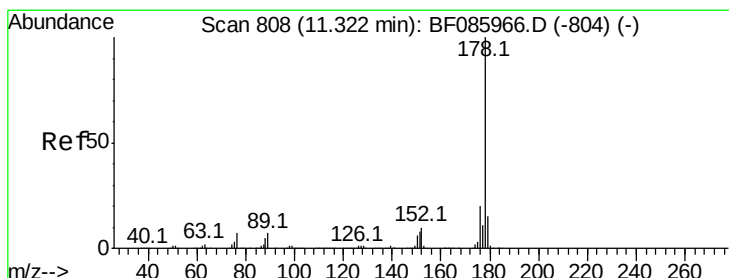
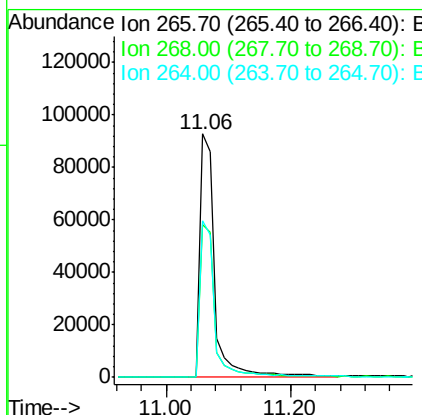
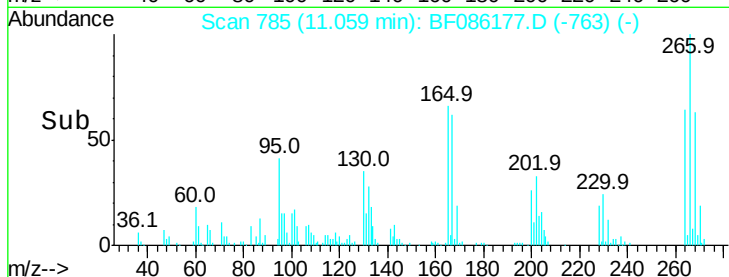
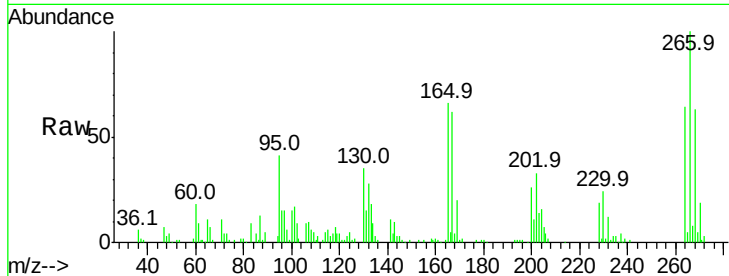
#69
 Pentachlorophenol
 Concen: 74.30 ng
 RT: 11.06 min Scan# 785
 Delta R.T. -0.05 min
 Lab File: BF086177.D
 Acq: 8 Apr 2016 19:27

Instrument :
 BNA_F
 ClientSampleId :
 PB89682BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	155704		
268	62.8	51.5	77.3	
264	64.1	50.6	76.0	

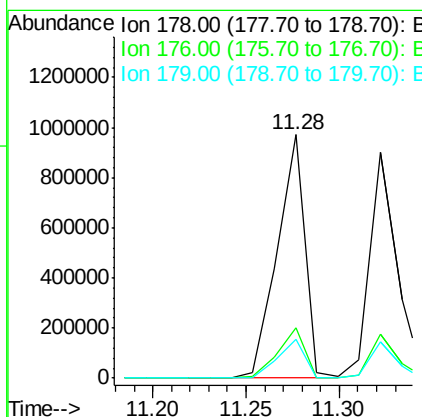
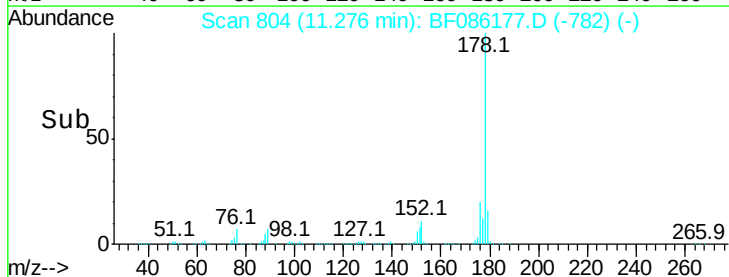
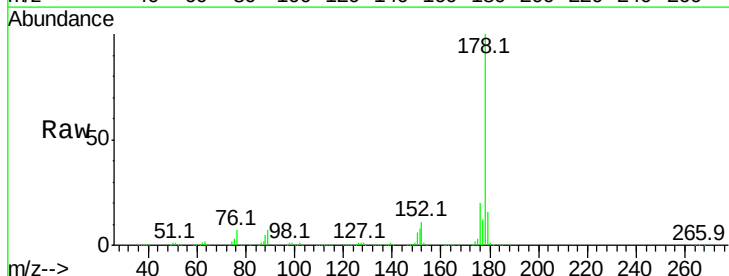
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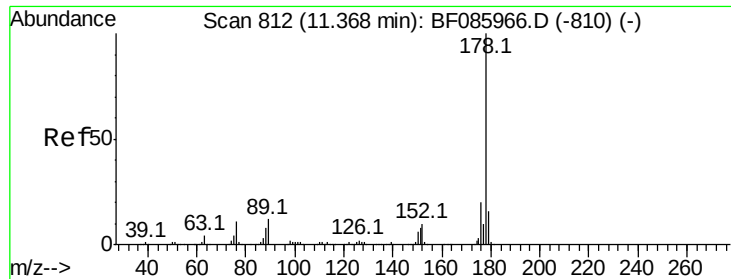
Sohil
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#70
 Phenanthrene
 Concen: 43.26 ng
 RT: 11.28 min Scan# 804
 Delta R.T. -0.05 min
 Lab File: BF086177.D
 Acq: 8 Apr 2016 19:27

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	999623		
176	20.4	16.3	24.5	
179	15.7	12.6	18.8	





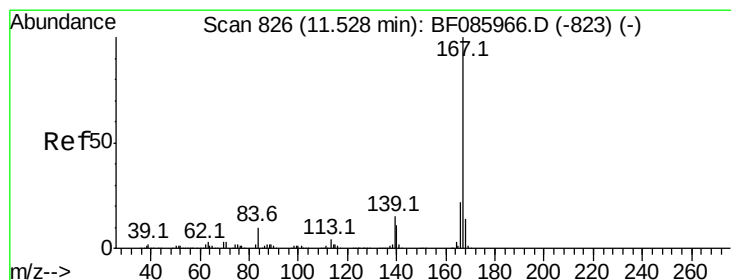
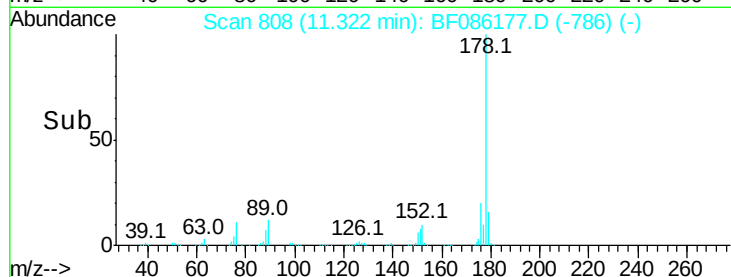
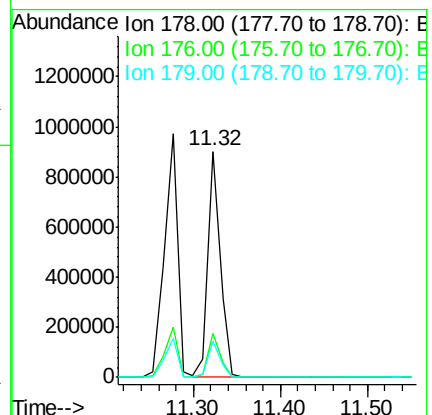
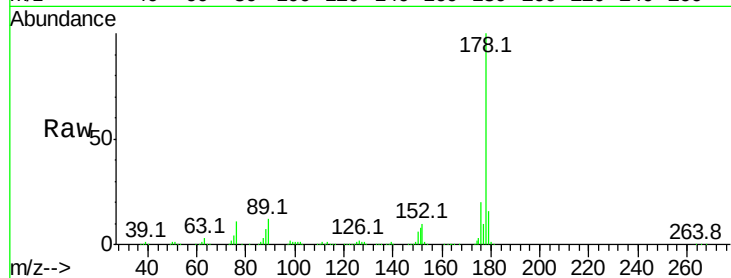
#71
 Anthracene
 Concen: 37.13 ng
 RT: 11.32 min Scan# 808
 Delta R.T. -0.05 min
 Lab File: BF086177.D
 Acq: 8 Apr 2016 19:27

Instrument :
 BNA_F
 ClientSampleId :
 PB89682BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.9	23.9
179	15.9	13.0	19.4

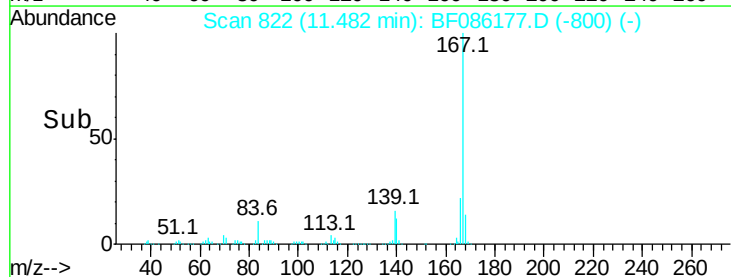
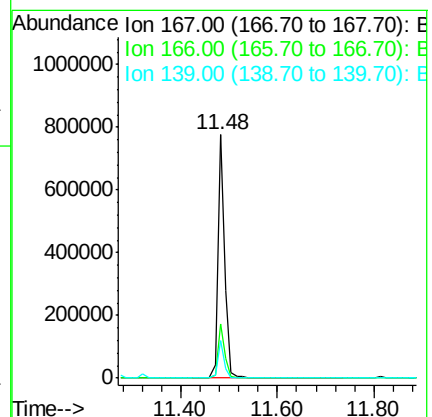
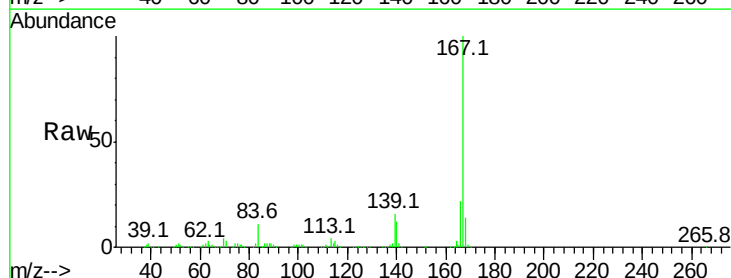
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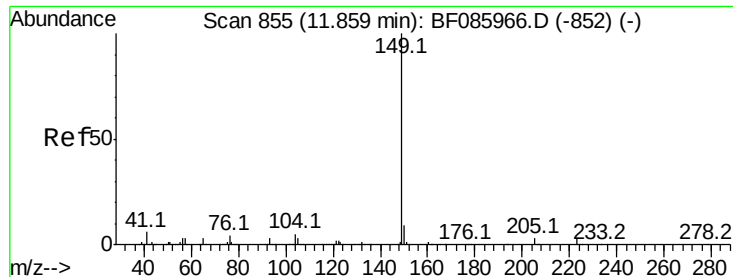
Sohil
 4/11/2016 5:45:13 PM



#72
 Carbazole
 Concen: 37.63 ng
 RT: 11.48 min Scan# 822
 Delta R.T. -0.05 min
 Lab File: BF086177.D
 Acq: 8 Apr 2016 19:27

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.8	26.8
139	15.5	11.6	17.4





#73

Di-n-butylphthalate

Concen: 42.80 ng

RT: 11.81 min Scan# 851

Delta R.T. -0.05 min

Lab File: BF086177.D

Acq: 8 Apr 2016 19:27

Instrument :

BNA_F

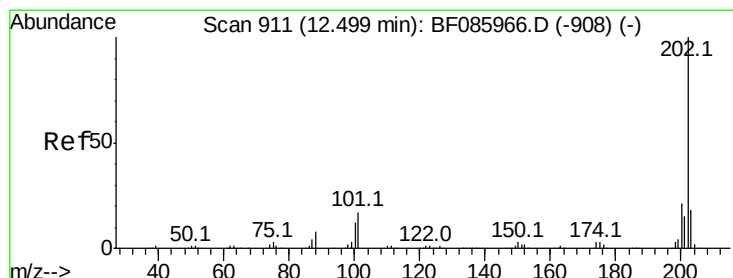
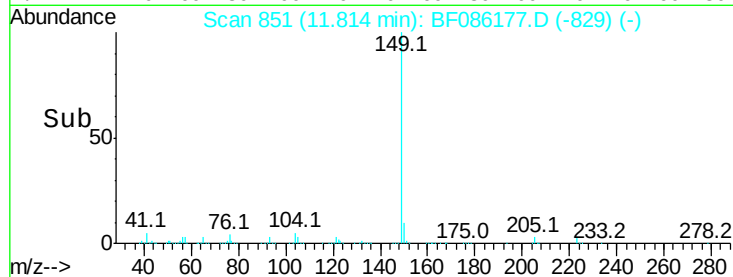
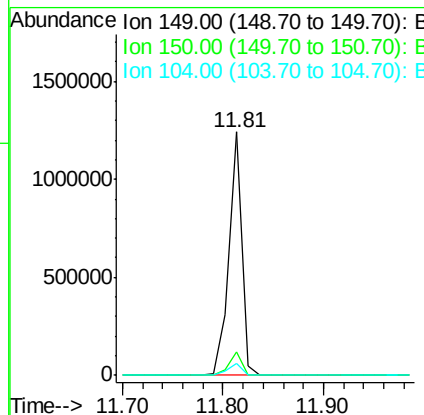
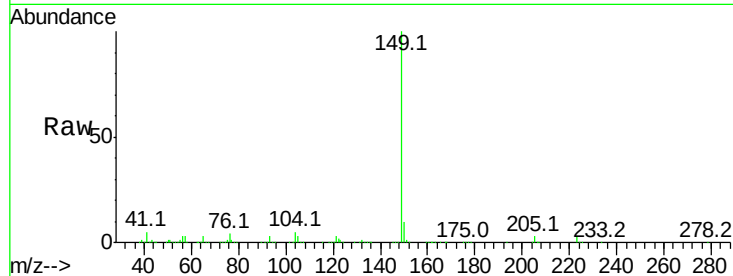
ClientSampleId :

PB89682BS

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Tot Ion:	149	Resp:	1103320
Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.6	11.4
104	4.9	3.8	5.8



#74

Fluoranthene

Concen: 38.28 ng

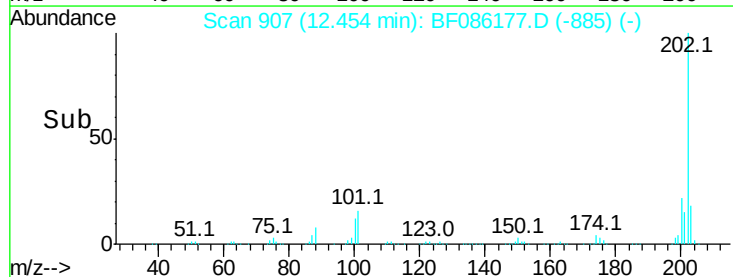
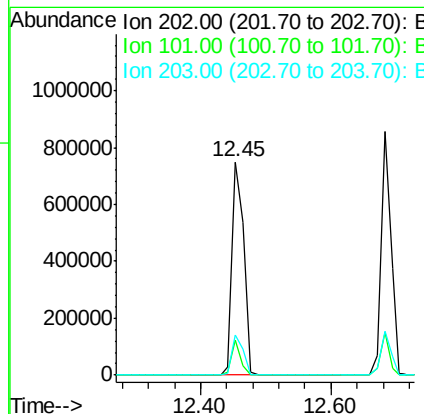
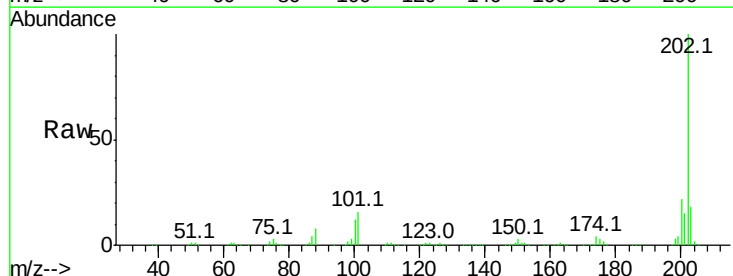
RT: 12.45 min Scan# 907

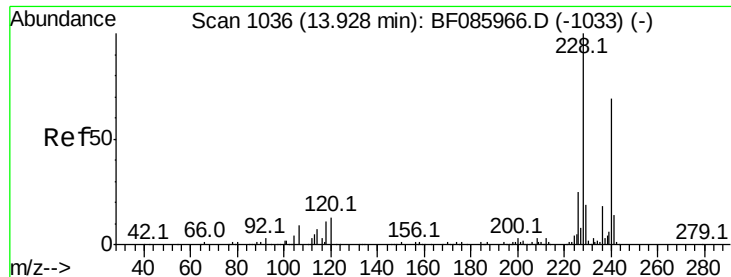
Delta R.T. -0.05 min

Lab File: BF086177.D

Acq: 8 Apr 2016 19:27

Tgt Ion:	202	Resp:	919995
Ion	Ratio	Lower	Upper
202	100		
101	16.1	0.0	36.6
203	18.5	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.88 min Scan# 1032

Delta R.T. -0.05 min

Lab File: BF086177.D

Acq: 8 Apr 2016 19:27

Instrument :

BNA_F

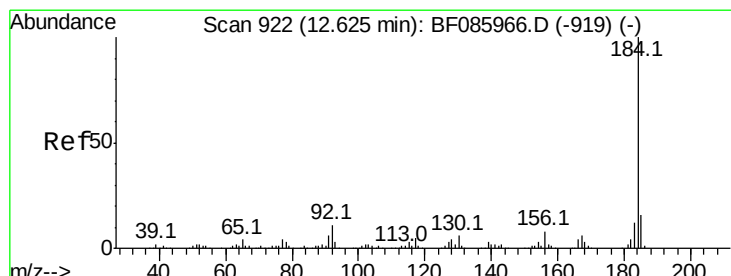
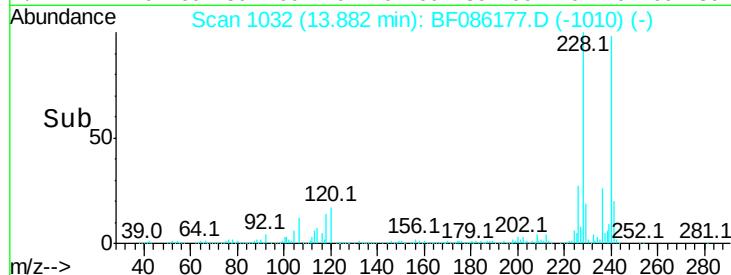
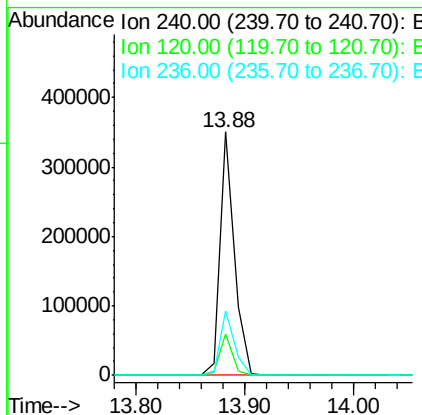
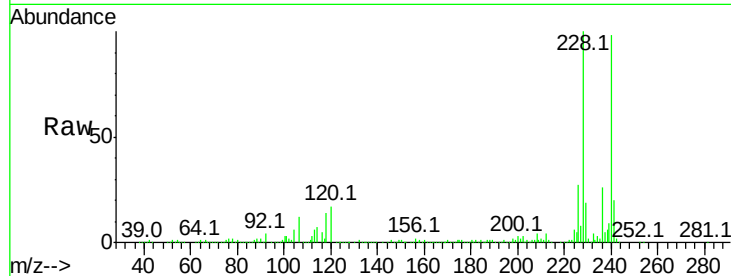
ClientSampleId :

PB89682BS

Tot Ion:	240	Resp:	323853
Ion Ratio	Lower	Upper	
240	100		
120	16.9	13.8	20.8
236	26.5	20.6	30.8

Manual Integrations
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#76

Benzidine

Concen: 27.34 ng

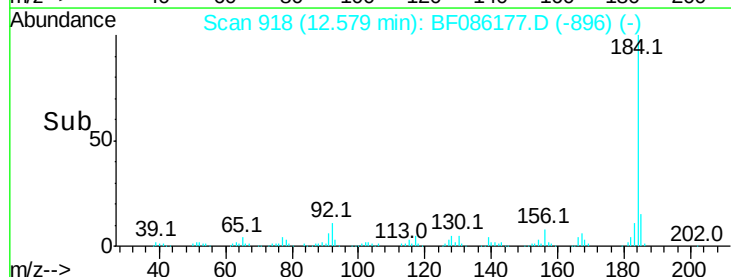
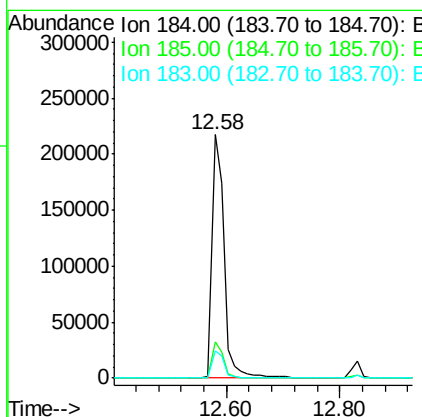
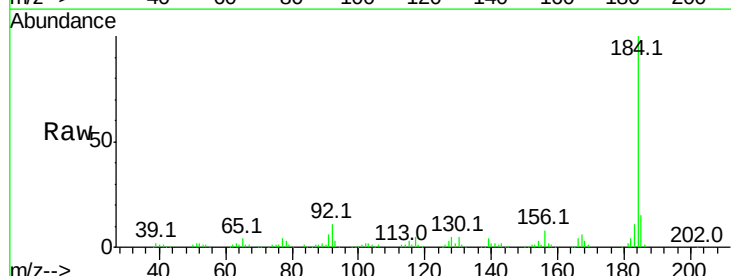
RT: 12.58 min Scan# 918

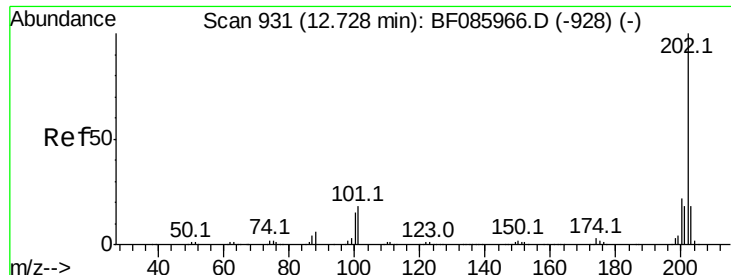
Delta R.T. -0.05 min

Lab File: BF086177.D

Acq: 8 Apr 2016 19:27

Tgt Ion:	184	Resp:	312408
Ion Ratio	Lower	Upper	
184	100		
185	15.1	12.4	18.6
183	11.3	9.4	14.2





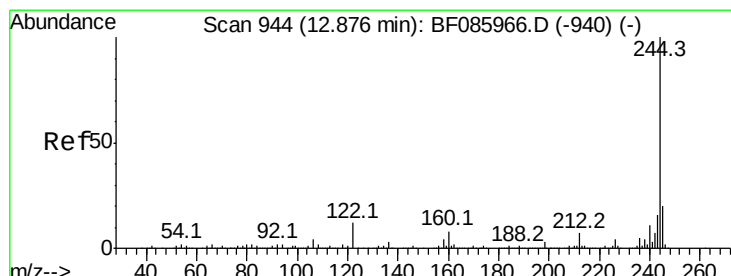
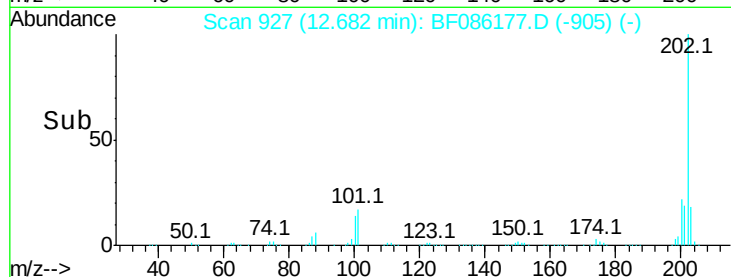
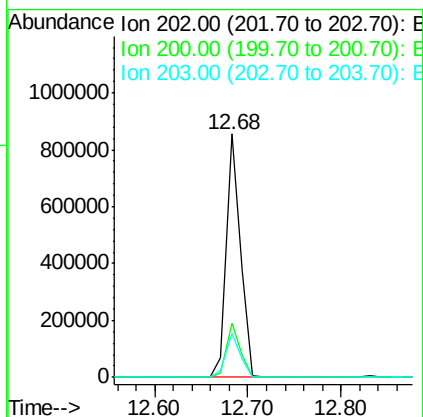
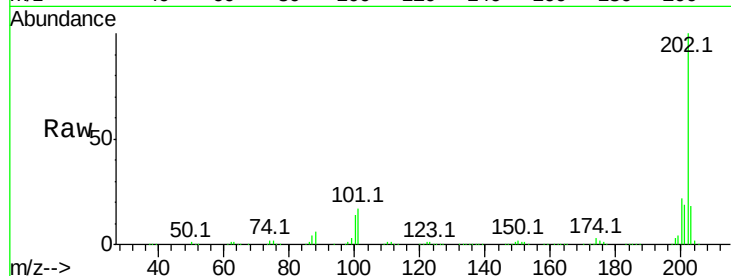
#77
Pvrene
Concen: 39.56 ng
RT: 12.68 min Scan# 927
Delta R.T. -0.05 min
Lab File: BF086177.D
Acq: 8 Apr 2016 19:27

Instrument :
BNA_F
ClientSampleId :
PB89682BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	22.2	17.6	26.4
203	18.2	14.0	21.0

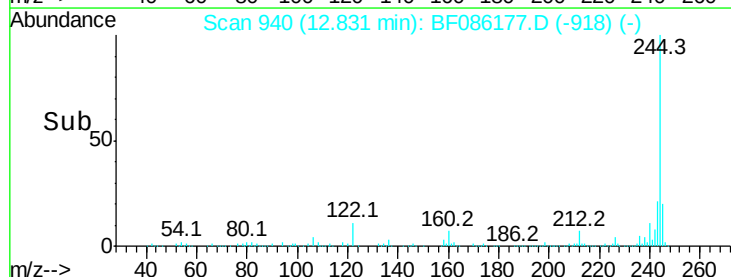
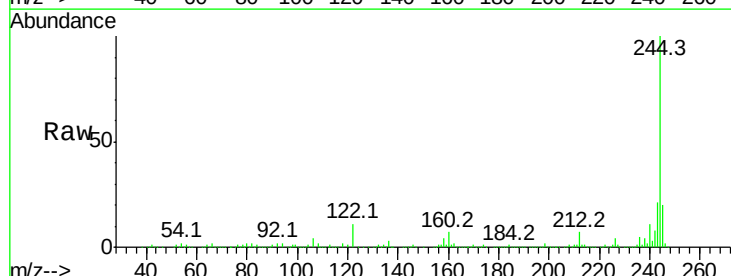
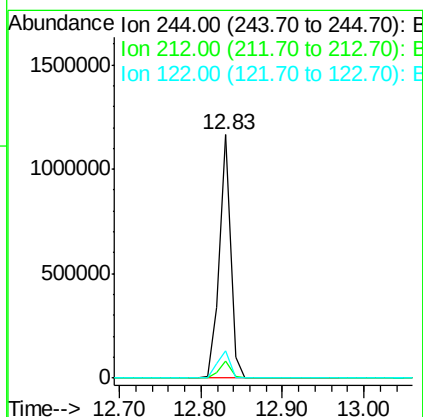
Manual Integrations
APPROVED

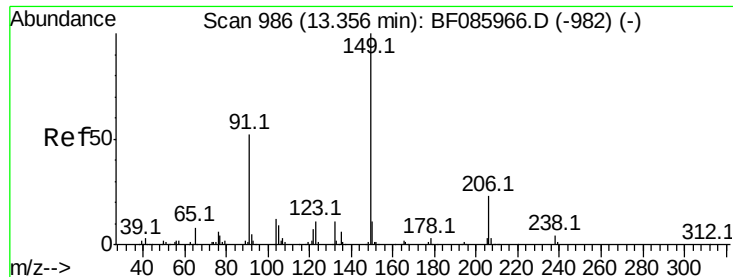
Sohil
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#78
Terphenyl-d14
Concen: 80.87 ng
RT: 12.83 min Scan# 940
Delta R.T. -0.05 min
Lab File: BF086177.D
Acq: 8 Apr 2016 19:27

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.2	6.1	9.1
122	11.0	10.2	15.4





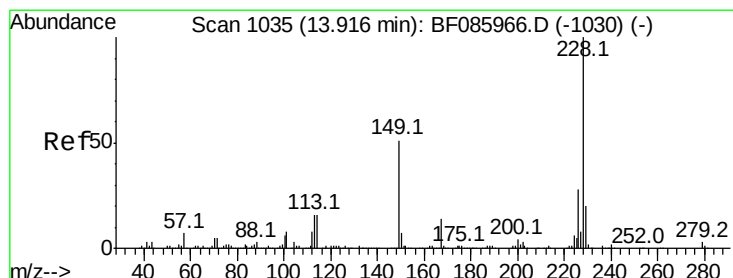
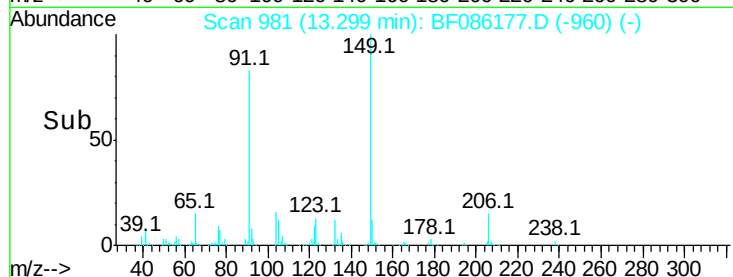
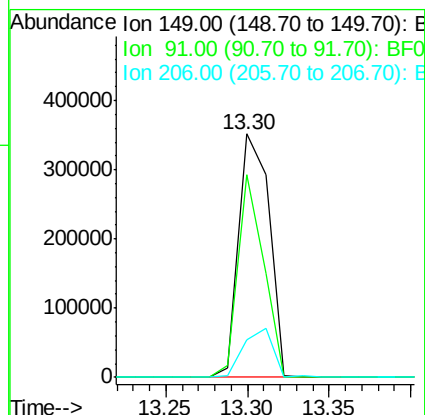
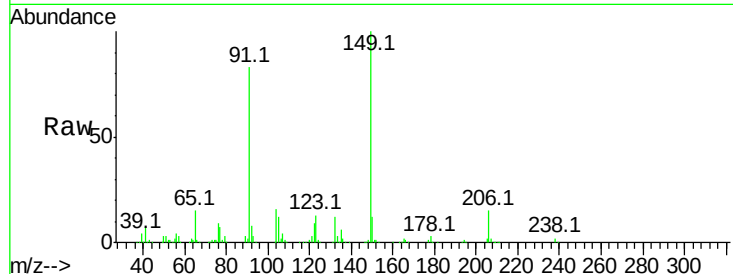
#79
Butylbenzylphthalate
Concen: 44.29 ng
RT: 13.30 min Scan# 981
Delta R.T. -0.06 min
Lab File: BF086177.D
Acq: 8 Apr 2016 19:27

Instrument :
BNA_F
ClientSampleId :
PB89682BS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
91	83.1	45.8	68.8#
206	15.2	17.8	26.8#

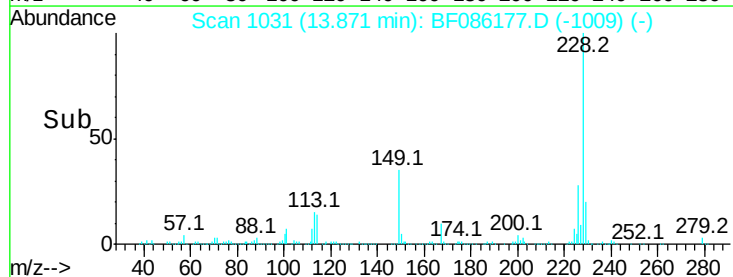
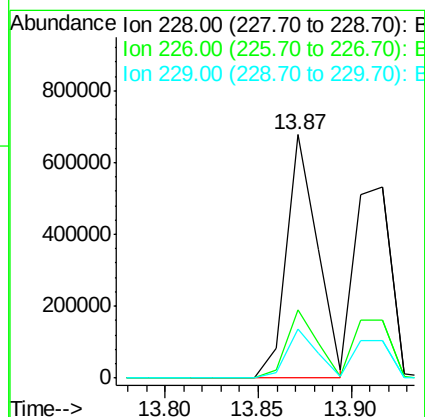
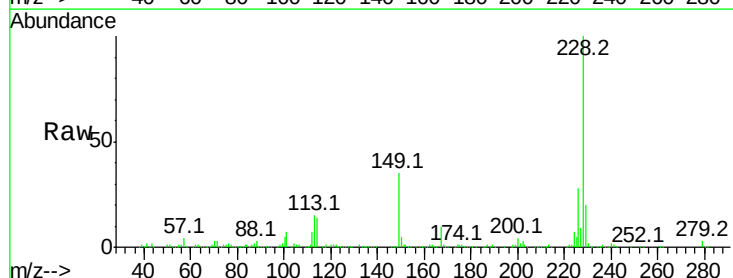
Manual Integrations
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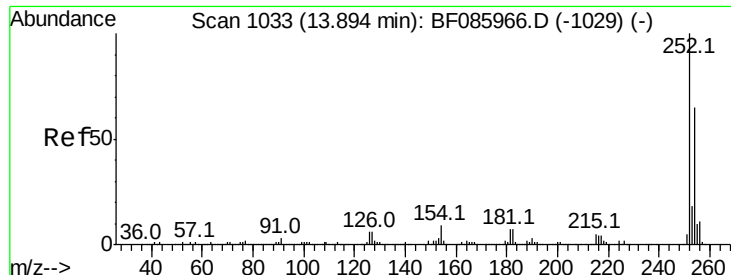
Sohil
4/11/2016 5:45:13 PM



#80
Benzo(a)anthracene
Concen: 40.90 ng
RT: 13.87 min Scan# 1031
Delta R.T. -0.05 min
Lab File: BF086177.D
Acq: 8 Apr 2016 19:27

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	28.0	22.1	33.1
229	20.0	16.2	24.4





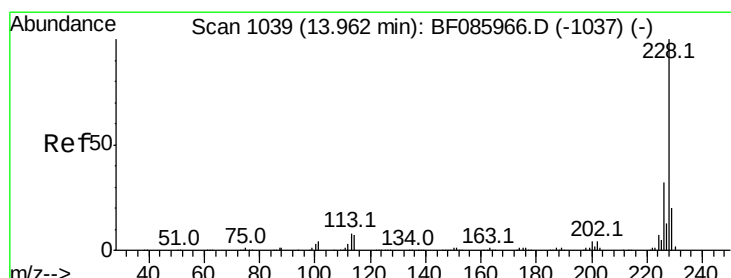
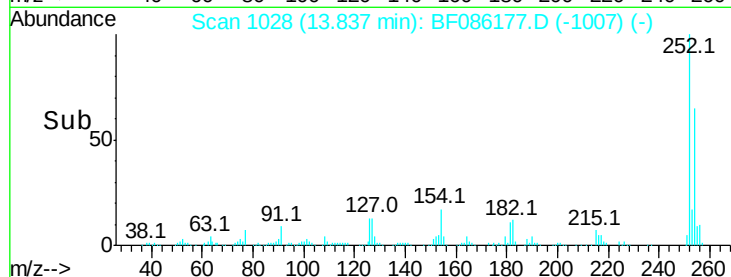
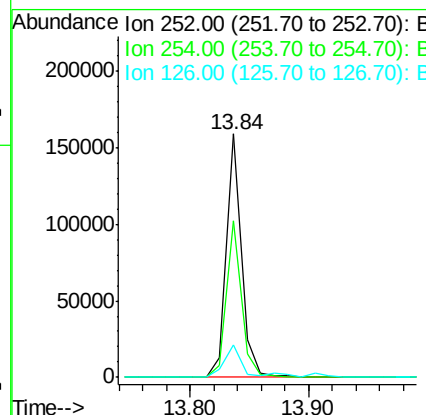
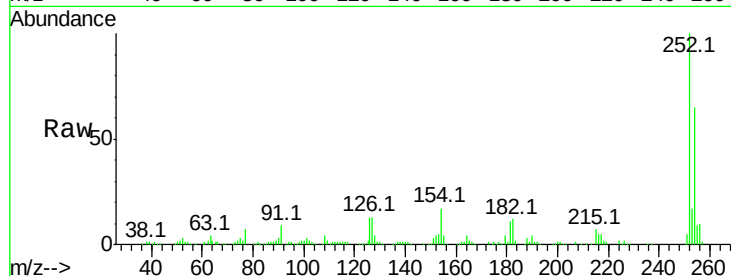
#81
 3,3'-Dichlorobenzidine
 Concen: 9.93 ng
 RT: 13.84 min Scan# 1028
 Delta R.T. -0.06 min
 Lab File: BF086177.D
 Acq: 8 Apr 2016 19:27

Instrument :
 BNA_F
 ClientSampleId :
 PB89682BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	138494		
254	64.5	50.7	76.1	
126	13.4	11.8	17.6	

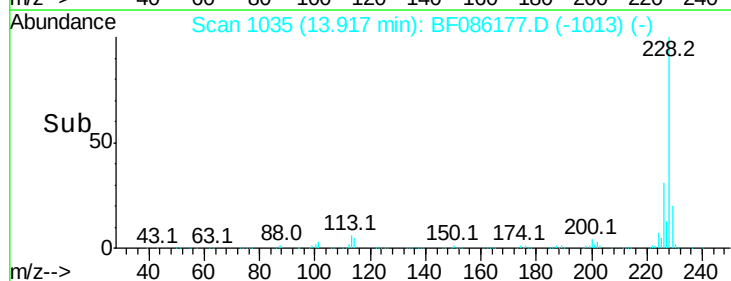
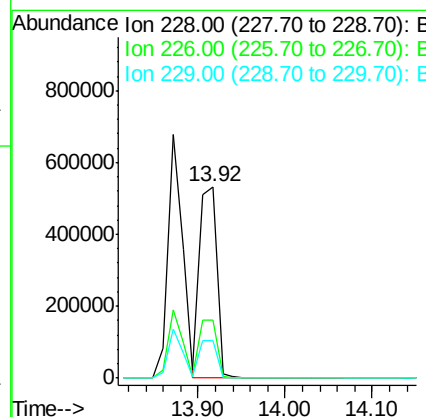
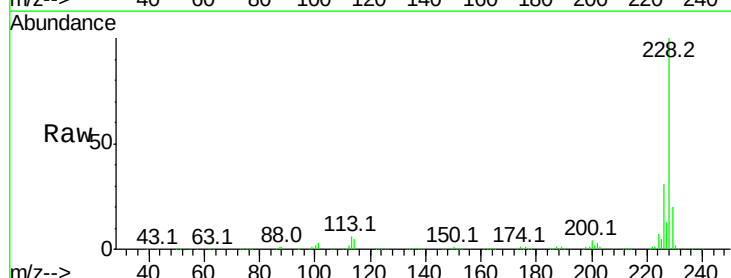
Manual Integrations
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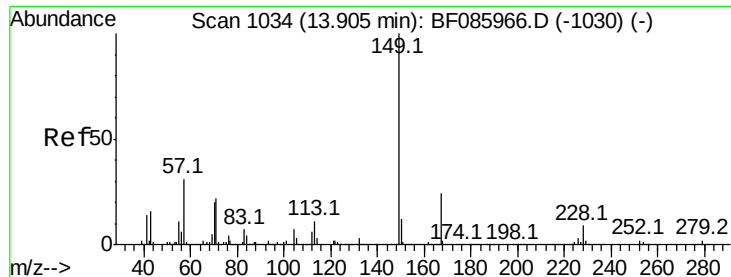
Sohil
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#82
 Chrysene
 Concen: 39.87 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. -0.05 min
 Lab File: BF086177.D
 Acq: 8 Apr 2016 19:27

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	733152		
226	30.6	25.0	37.6	
229	19.5	15.7	23.5	





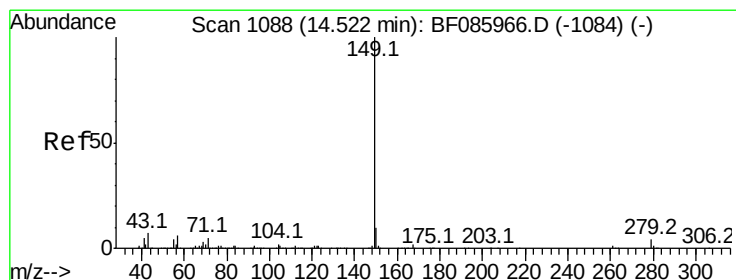
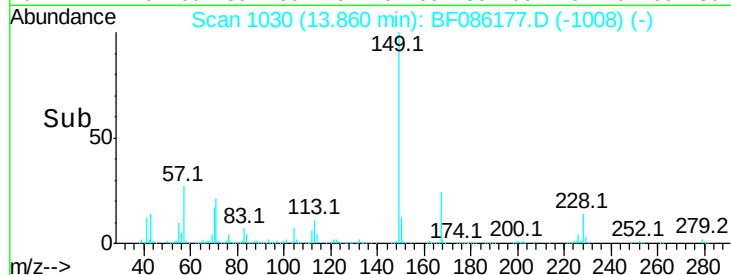
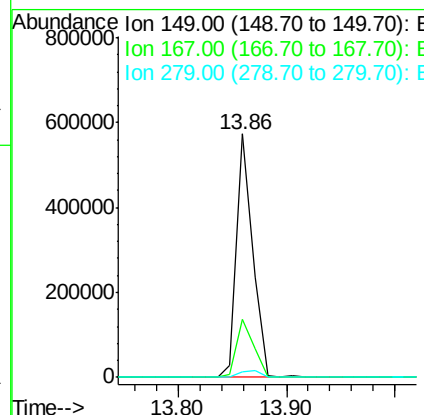
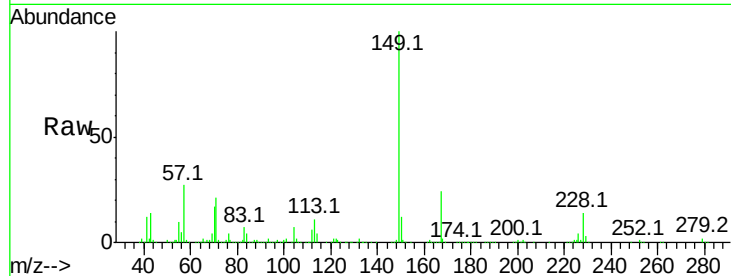
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.67 ng
 RT: 13.86 min Scan# 1030
 Delta R.T. -0.05 min
 Lab File: BF086177.D
 Acq: 8 Apr 2016 19:27

Instrument :
 BNA_F
 ClientSampleId :
 PB89682BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	581990		
167	24.1		19.4	29.2
279	2.1		1.5	2.3

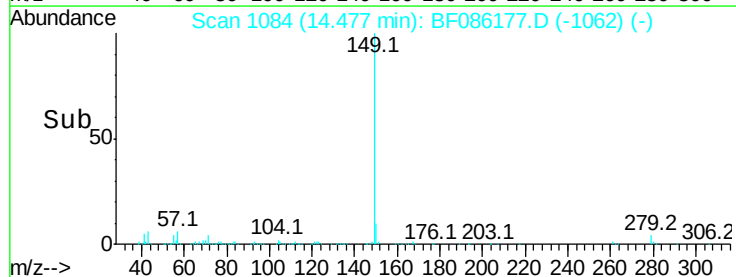
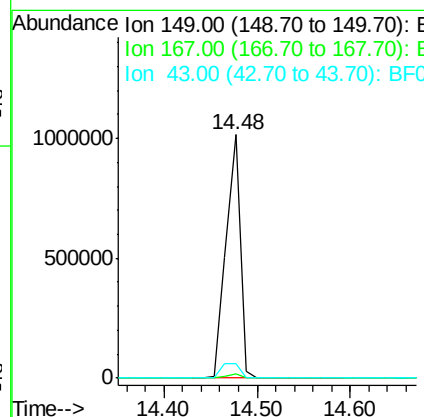
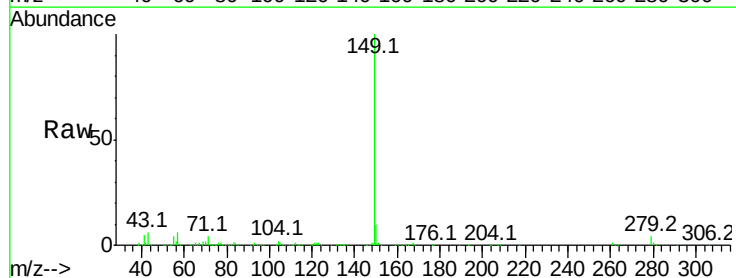
Manual Integrations
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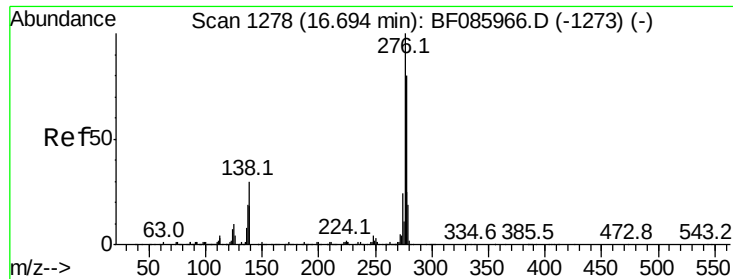
Sohil
 4/11/2016 5:45:13 PM



#84
 Di-n-octyl phthalate
 Concen: 49.34 ng
 RT: 14.48 min Scan# 1084
 Delta R.T. -0.05 min
 Lab File: BF086177.D
 Acq: 8 Apr 2016 19:27

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1074615		
167	1.5		1.2	1.8
43	8.1		7.1	10.7





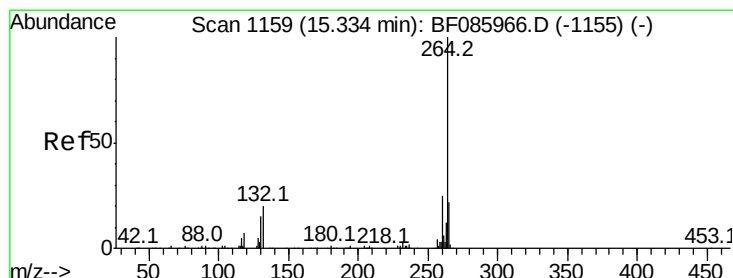
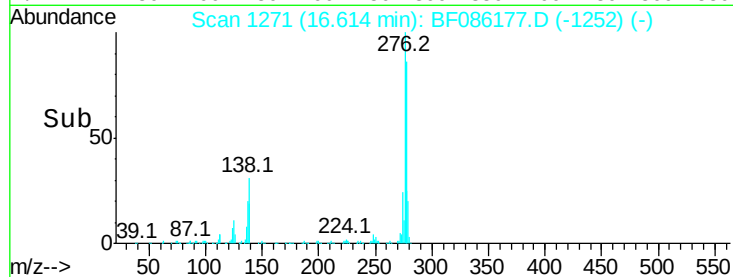
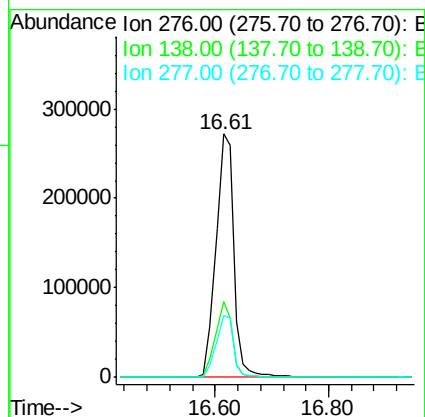
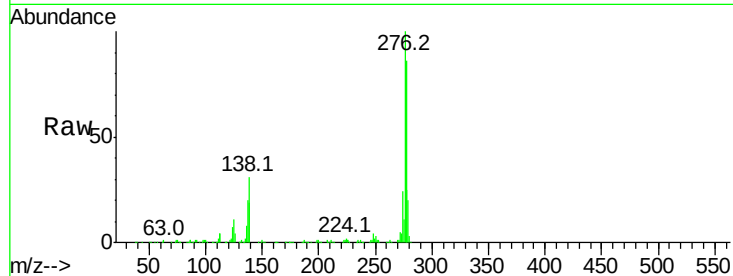
#85
Indeno(1,2,3-cd)pyrene
Concen: 39.82 ng
RT: 16.61 min Scan# 1271
Delta R.T. -0.08 min
Lab File: BF086177.D
Acq: 8 Apr 2016 19:27

Instrument :
BNA_F
ClientSampleId :
PB89682BS

Tot Ion	Ratio	Resp	Lower	Upper
276	100	594043		
138	29.3		24.2	36.4
277	25.2		20.0	30.0

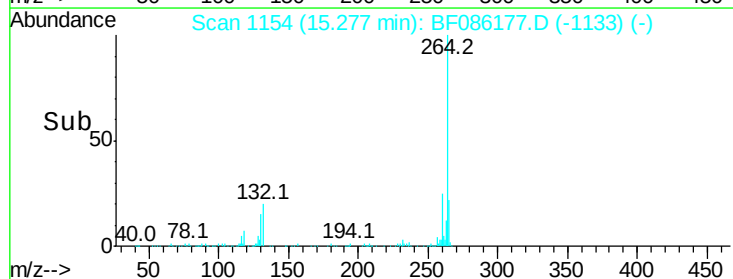
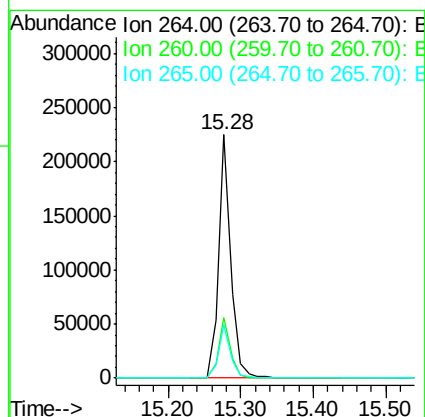
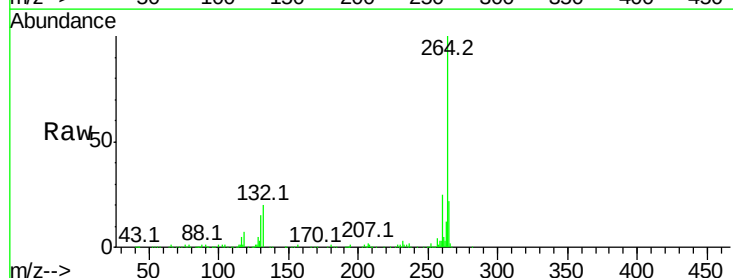
Manual Integrations
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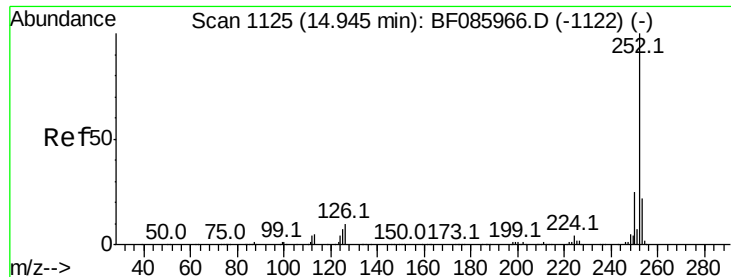
Sohil
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.28 min Scan# 1154
Delta R.T. -0.06 min
Lab File: BF086177.D
Acq: 8 Apr 2016 19:27

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	261028		
260	24.7		19.4	29.2
265	21.7		17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 39.37 ng m

RT: 14.89 min Scan# 1120

Delta R.T. -0.06 min

Lab File: BF086177.D

Acq: 8 Apr 2016 19:27

Instrument :

BNA_F

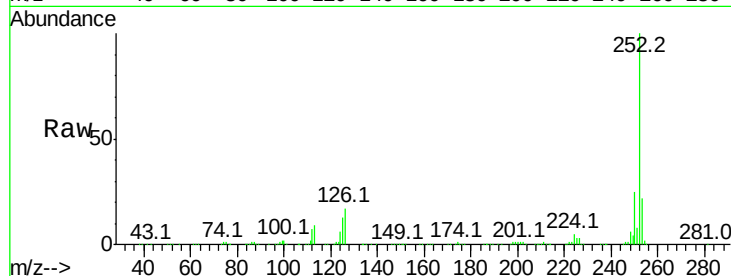
ClientSampleId :

PB89682BS

Tot Ion:	252	Resp:	646427
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.6	26.4
125	12.7	10.3	15.5

Manual Integrations
APPROVED

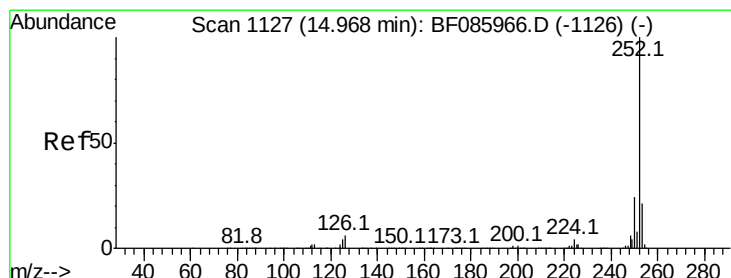
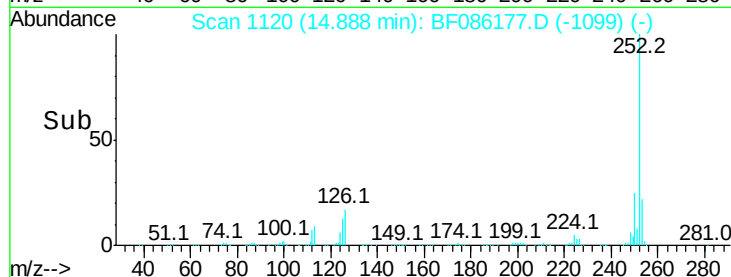
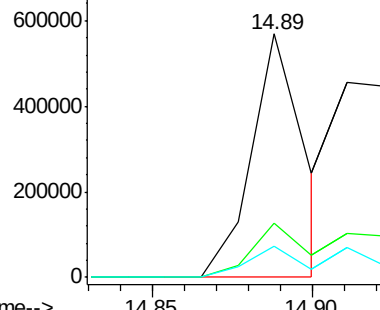
Sohil
4/11/2016 5:45:13 PM



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 44.85 ng m

RT: 14.91 min Scan# 1122

Delta R.T. -0.06 min

Lab File: BF086177.D

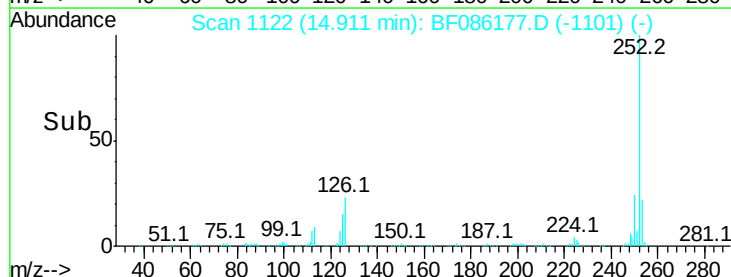
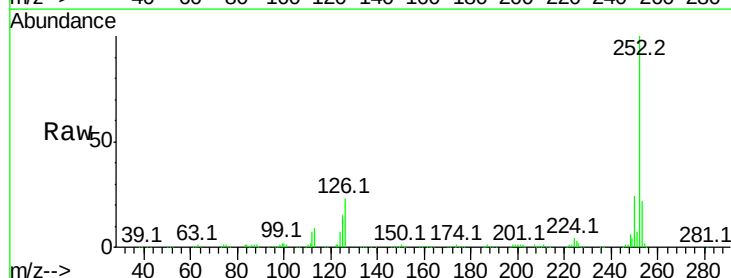
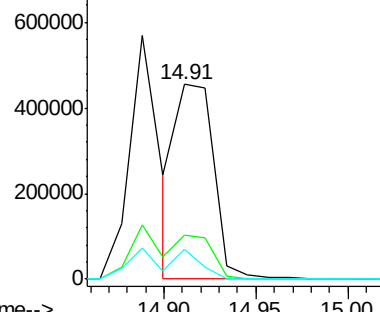
Acq: 8 Apr 2016 19:27

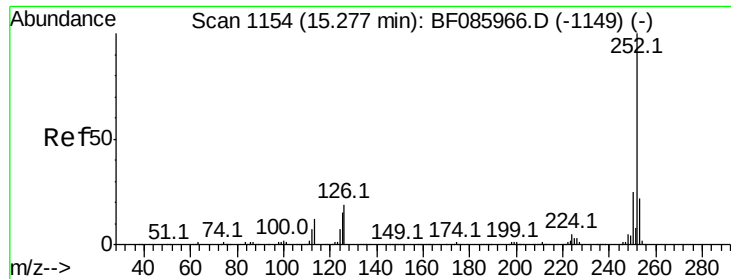
Tgt Ion:	252	Resp:	652136
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.8	26.6
125	15.4	7.7	11.5#

Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





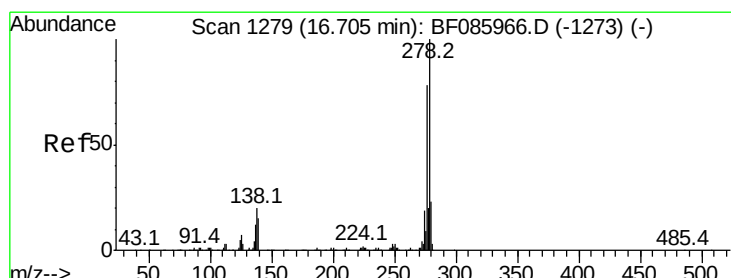
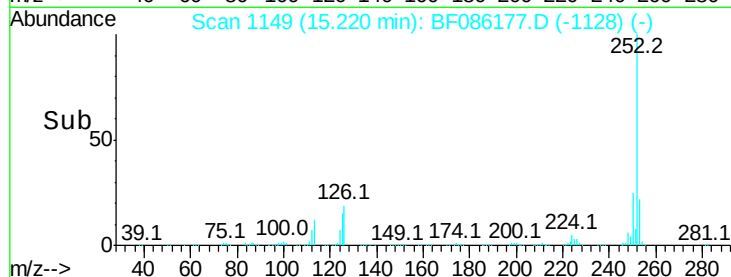
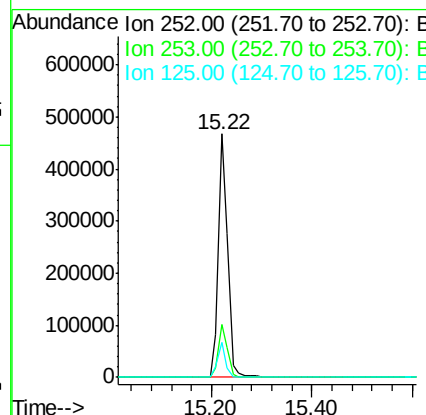
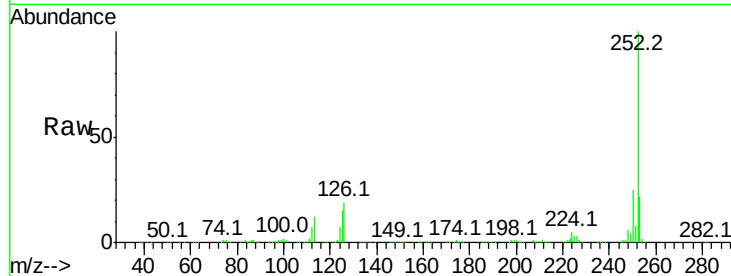
#89
Benzo(a)pyrene
Concen: 41.43 ng
RT: 15.22 min Scan# 1149
Delta R.T. -0.06 min
Lab File: BF086177.D
Acq: 8 Apr 2016 19:27

Instrument :
BNA_F
ClientSampleId :
PB89682BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.0
125	14.5	10.3	15.5

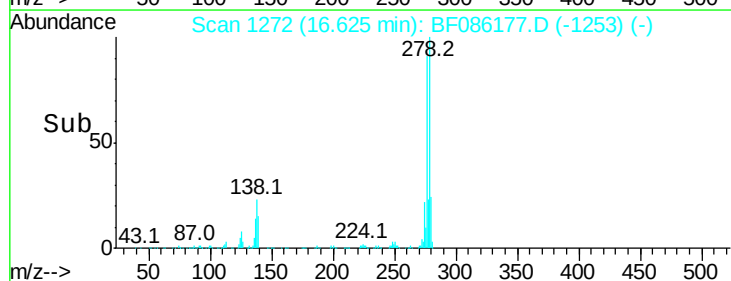
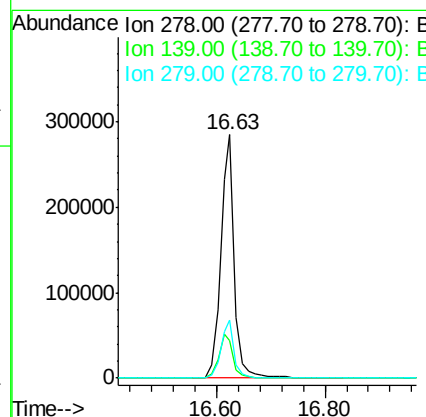
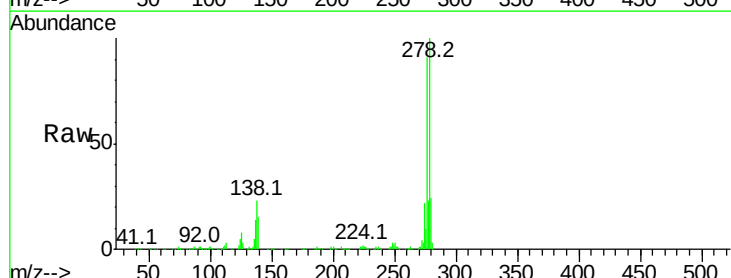
Manual Integrations
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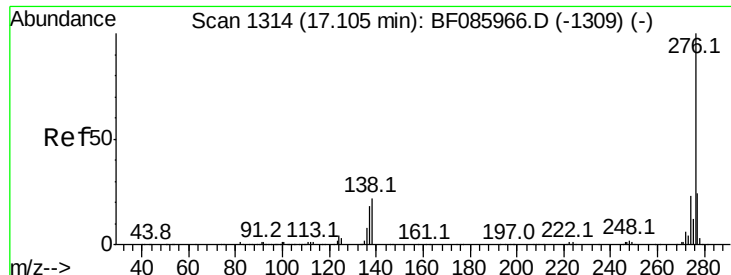
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 42.96 ng
RT: 16.63 min Scan# 1272
Delta R.T. -0.08 min
Lab File: BF086177.D
Acq: 8 Apr 2016 19:27

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.2	14.4	21.6
279	23.8	19.1	28.7





#91
 Benzo(a,h,i)perylene
 Concen: 43.35 ng
 RT: 17.01 min Scan# 1306
 Delta R.T. -0.09 min
 Lab File: BF086177.D
 Acq: 8 Apr 2016 19:27

Instrument :
 BNA_F
 ClientSampleId :
 PB89682BS

Tot Ion:	276	Resp:	491016
Ion Ratio	Lower	Upper	
276	100		
277	23.7	18.8	28.2
138	24.3	22.6	34.0

Manual Integrations
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 4/11/2016 5:45:13 PM

