

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040616\
 Data File : BF086097.D
 Acq On : 6 Apr 2016 14:34
 Operator : UM/SJ
 Sample : PB89567BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB89567BS

Manual Integrations
 APPROVED

Sohil
 4/7/2016 8:59:01 AM

Quant Time: Apr 07 01:42:28 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 01 23:17:06 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	158374	20.00	ng	-0.03
21) Naphthalene-d8	8.03	136	667131	20.00	ng	-0.03
38) Acenaphthene-d10	9.78	164	301251	20.00	ng	-0.03
63) Phenanthrene-d10	11.26	188	578567	20.00	ng	-0.03
75) Chrysene-d12	13.91	240	422660	20.00	ng	-0.02
86) Perylene-d12	15.30	264	325212	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	725851	78.34	ng	-0.02
7) Phenol-d6	6.40	99	956350	81.26	ng	-0.02
23) Nitrobenzene-d5	7.31	82	575718	50.89	ng	-0.03
41) 2,4,6-Tribromophenol	10.58	330	255287	90.29	ng	-0.02
44) 2-Fluorobiphenyl	9.10	172	975507	53.84	ng	-0.03
78) Terphenyl-d14	12.84	244	972745	54.10	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.34	88	101157	23.03	ng	97
3) Pyridine	3.04	79	263631	26.81	ng	99
4) n-Nitrosodimethylamine	2.98	42	114222	26.41	ng	95
6) Aniline	6.41	93	189426	12.27	ng	# 1
8) 2-Chlorophenol	6.53	128	285845	25.87	ng	95
9) Benzaldehyde	6.29	77	97657	15.42	ng	92
10) Phenol	6.41	94	389933	29.05	ng	93
11) bis(2-Chloroethyl)ether	6.49	93	286767	26.98	ng	96
12) 1,3-Dichlorobenzene	6.68	146	298089	25.45	ng	# 95
13) 1,4-Dichlorobenzene	6.76	146	308175	25.54	ng	95
14) 1,2-Dichlorobenzene	6.91	146	280137	25.23	ng	97
15) Benzyl Alcohol	6.90	79	214705	28.20	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.02	45	317537	24.45	ng	73
17) 2-Methylphenol	7.01	107	233548	26.81	ng	97
18) Hexachloroethane	7.25	117	113640	25.61	ng	96
19) n-Nitroso-di-n-propylamine	7.16	70	181394	24.87	ng	# 92
20) 3+4-Methylphenols	7.17	107	303801	28.67	ng	# 64
22) Acetophenone	7.16	105	389352	24.83	ng	# 91
24) Nitrobenzene	7.33	77	314079	25.38	ng	95
25) Isophorone	7.57	82	553444	24.78	ng	97
26) 2-Nitrophenol	7.65	139	156073	26.36	ng	99
27) 2,4-Dimethylphenol	7.70	122	280758	26.40	ng	97
28) bis(2-Chloroethoxy)methane	7.79	93	347545	26.52	ng	99
29) 2,4-Dichlorophenol	7.89	162	228511	25.41	ng	96
30) 1,2,4-Trichlorobenzene	7.97	180	245871	24.36	ng	97
31) Naphthalene	8.05	128	846178	25.22	ng	99
32) Benzoic acid	7.84	122	157017	20.12	ng	98
33) 4-Chloroaniline	8.11	127	81346	6.00	ng	97
34) Hexachlorobutadiene	8.17	225	128150	23.62	ng	99
35) Caprolactam	8.48	113	74932m	26.27	ng	
36) 4-Chloro-3-methylphenol	8.60	107	240613	23.81	ng	94
37) 2-Methylnaphthalene	8.74	142	522510	23.84	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	222000	24.52	ng	98
40) Hexachlorocyclopentadiene	8.90	237	158875	55.78	ng	98

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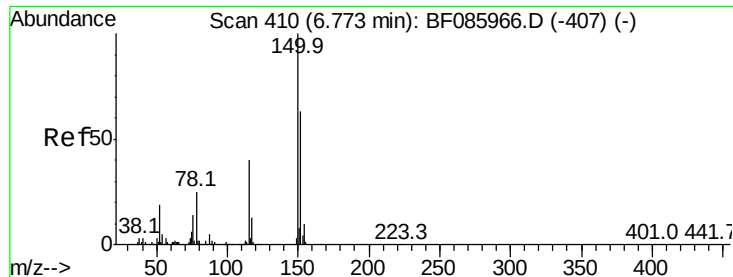
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	145980	25.11	nq	99
43) 2,4,5-Trichlorophenol	9.07	196	152643	25.86	nq #	80
45) 1,1'-Biphenyl	9.21	154	643939	24.79	nq	97
46) 2-Chloronaphthalene	9.23	162	476680	25.32	nq	93
47) 2-Nitroaniline	9.33	65	140989	25.59	nq	90
48) Acenaphthylene	9.64	152	723140	23.97	nq	99
49) Dimethylphthalate	9.52	163	593687	26.59	nq	99
50) 2,6-Dinitrotoluene	9.58	165	118749	25.14	nq #	56
51) Acenaphthene	9.81	154	430034	23.97	nq	100
52) 3-Nitroaniline	9.74	138	60031	10.54	nq	91
53) 2,4-Dinitrophenol	9.87	184	120567	47.68	nq #	67
54) Dibenzofuran	9.98	168	626066	26.43	nq	96
55) 4-Nitrophenol	9.93	139	159054	47.39	nq	94
56) 2,4-Dinitrotoluene	9.98	165	150081	25.14	nq #	45
57) Fluorene	10.33	166	474979	23.47	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.11	232	119302	27.14	nq	97
59) Diethylphthalate	10.21	149	597685	26.52	nq	100
60) 4-Chlorophenyl-phenylether	10.33	204	246695	26.17	nq #	79
61) 4-Nitroaniline	10.36	138	125603	22.40	nq	89
62) Azobenzene	10.49	77	618385	28.65	nq	88
64) 4,6-Dinitro-2-methylphenol	10.40	198	85895	24.50	nq	86
65) n-Nitrosodiphenylamine	10.44	169	433104	23.94	nq	99
66) 4-Bromophenyl-phenylether	10.81	248	141439	23.94	nq #	86
67) Hexachlorobenzene	10.88	284	150497	24.64	nq #	80
68) Atrazine	10.98	200	164316	28.11	nq	99
69) Pentachlorophenol	11.08	266	145382	50.78	nq	99
70) Phenanthrene	11.29	178	743551	23.56	nq	100
71) Anthracene	11.34	178	832086	25.17	nq	99
72) Carbazole	11.50	167	734281	25.84	nq	98
73) Di-n-butylphthalate	11.82	149	854266	24.26	nq	99
74) Fluoranthene	12.48	202	818078	24.92	nq	93
76) Benzidine	12.60	184	280847	18.83	nq	98
77) Pyrene	12.71	202	821685	27.59	nq	100
79) Butylbenzylphthalate	13.32	149	361413	26.95	nq #	86
80) Benzo(a)anthracene	13.89	228	597580	23.99	nq	99
81) 3,3'-Dichlorobenzidine	13.85	252	79311	4.36	nq #	96
82) Chrysene	13.93	228	604183	25.18	nq	100
83) Bis(2-ethylhexyl)phthalate	13.88	149	452077	25.40	nq #	96
84) Di-n-octyl phthalate	14.49	149	687471	24.19	nq	99
85) Indeno(1,2,3-cd)pyrene	16.64	276	476927	24.49	nq	99
87) Benzo(b)fluoranthene	14.91	252	572068m	27.96	nq	
88) Benzo(k)fluoranthene	14.93	252	374990m	20.70	nq	
89) Benzo(a)pyrene	15.24	252	448451	24.74	nq	98
90) Dibenzo(a,h)anthracene	16.65	278	396454	27.18	nq	99
91) Benzo(g,h,i)perylene	17.05	276	406342	28.79	nq	94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 407

Delta R.T. -0.03 min

Lab File: BF086097.D

Acq: 6 Apr 2016 14:34

Instrument :

BNA_F

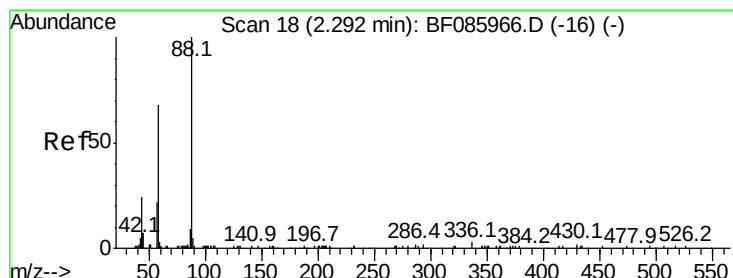
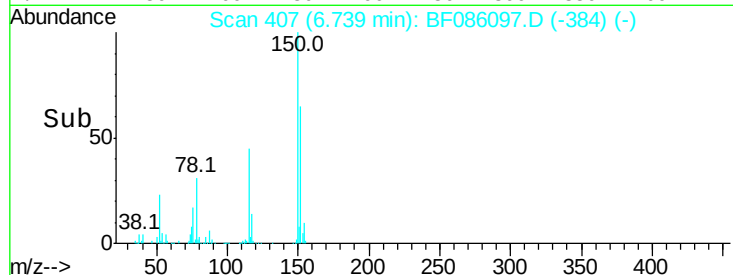
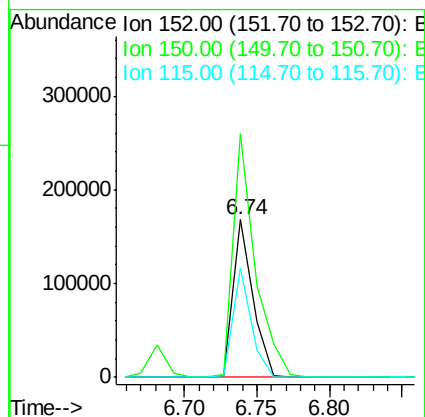
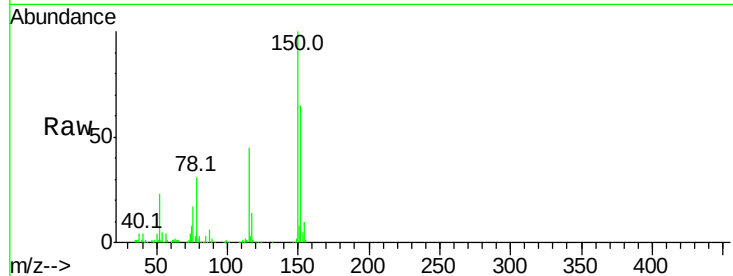
ClientSampleId :

PB89567BS

Tot Ion:	152	Resp:	158374
Ion Ratio	Lower	Upper	
152	100		
150	154.8	124.2	186.2
115	69.4	47.0	70.6

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#2

1,4-Dioxane

Concen: 23.03 ng

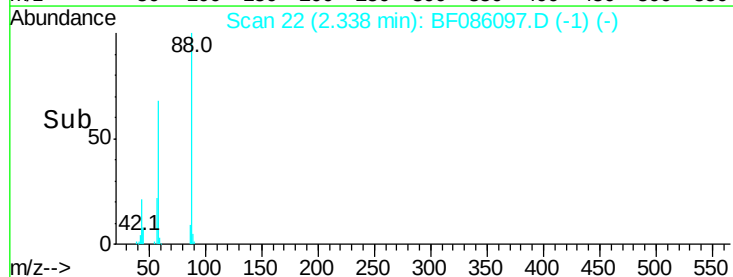
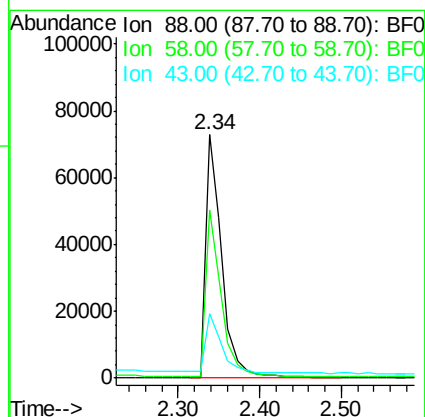
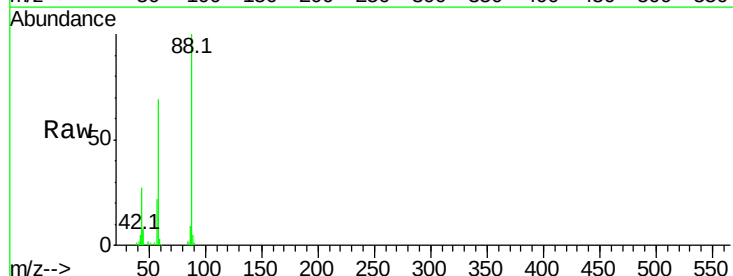
RT: 2.34 min Scan# 22

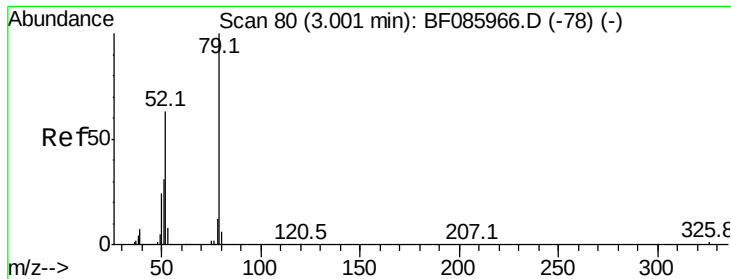
Delta R.T. 0.05 min

Lab File: BF086097.D

Acq: 6 Apr 2016 14:34

Tgt Ion:	88	Resp:	101157
Ion Ratio	Lower	Upper	
88	100		
58	65.7	54.2	81.2
43	27.1	19.3	28.9





#3

Pvridine

Concen: 26.81 ng

RT: 3.04 min Scan# 83

Delta R.T. 0.03 min

Lab File: BF086097.D

Acq: 6 Apr 2016 14:34

Instrument :

BNA_F

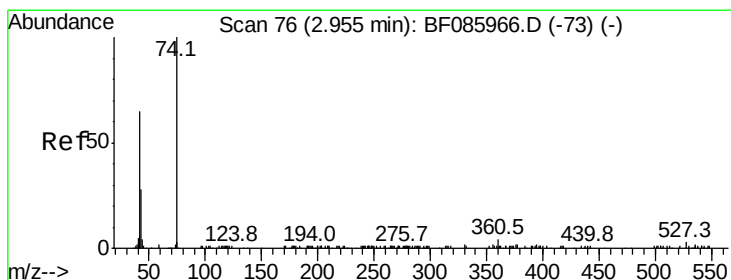
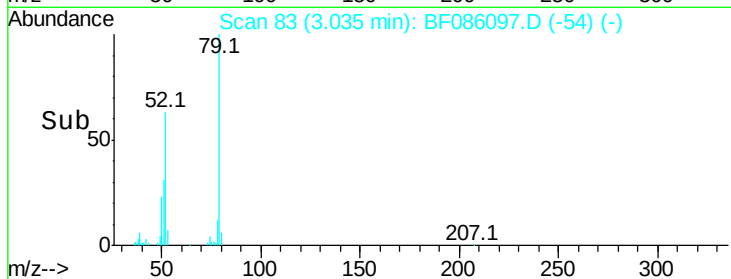
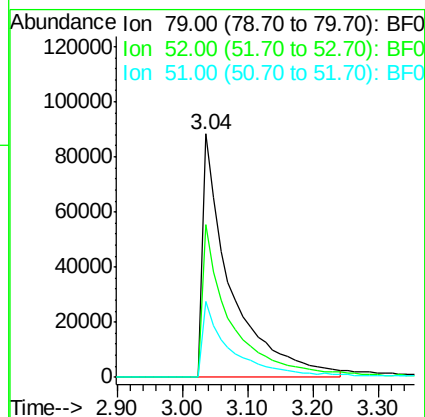
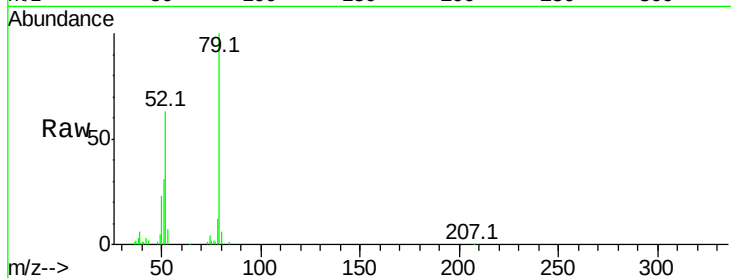
ClientSampleId :

PB89567BS

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Tot Ion	79	Resp	263631
Ion Ratio	Lower	Upper	
79	100		
52	62.9	49.8	74.6
51	31.1	24.7	37.1



#4

n-Nitrosodimethylamine

Concen: 26.41 ng

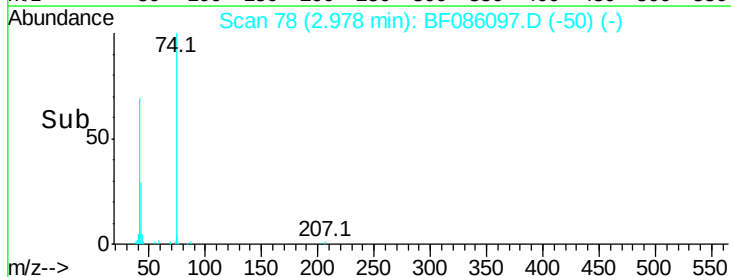
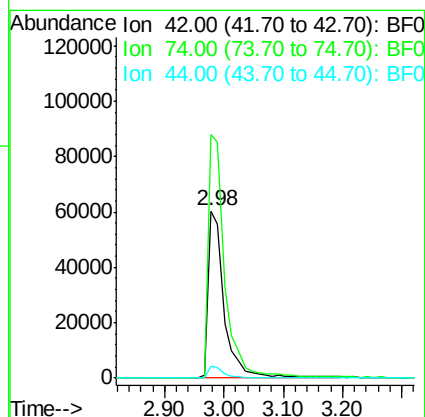
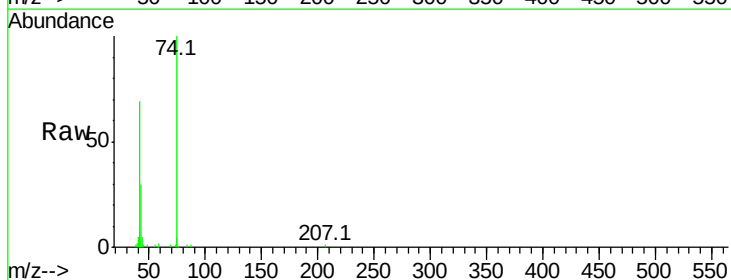
RT: 2.98 min Scan# 78

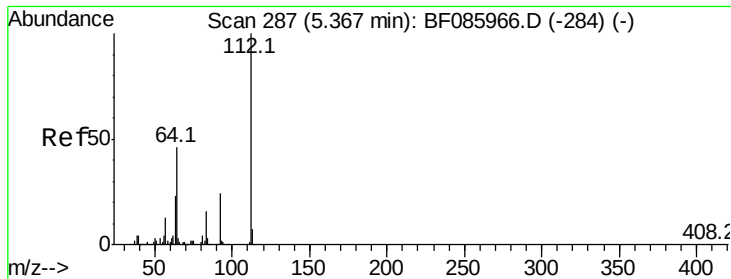
Delta R.T. 0.02 min

Lab File: BF086097.D

Acq: 6 Apr 2016 14:34

Tgt Ion	42	Resp	114222
Ion Ratio	Lower	Upper	
42	100		
74	145.8	121.4	182.2
44	7.1	5.6	8.4





#5

2-Fluorophenol

Concen: 78.34 ng

RT: 5.34 min Scan# 285

Delta R.T. -0.02 min

Lab File: BF086097.D

Acq: 6 Apr 2016 14:34

Instrument :

BNA_F

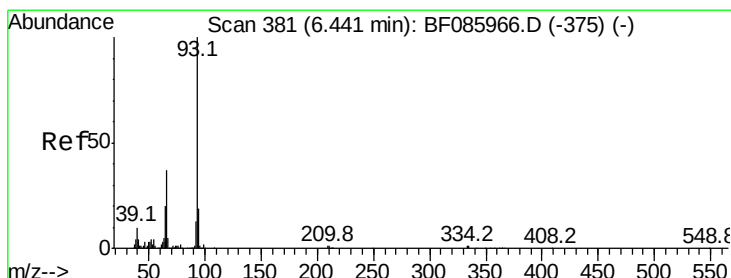
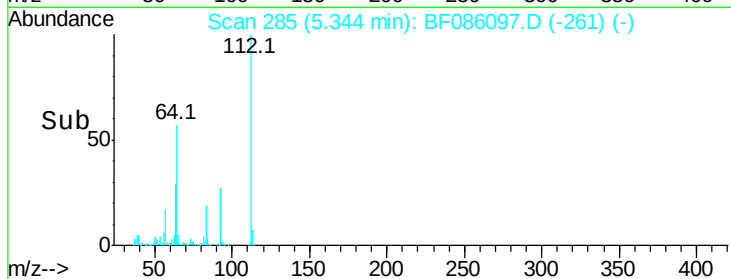
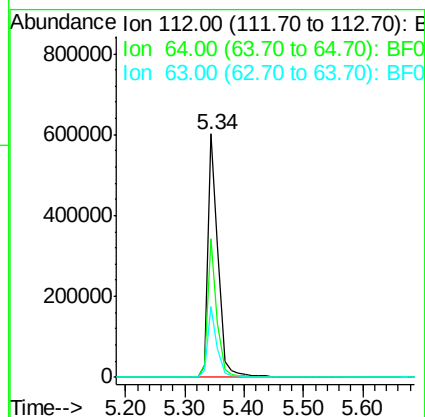
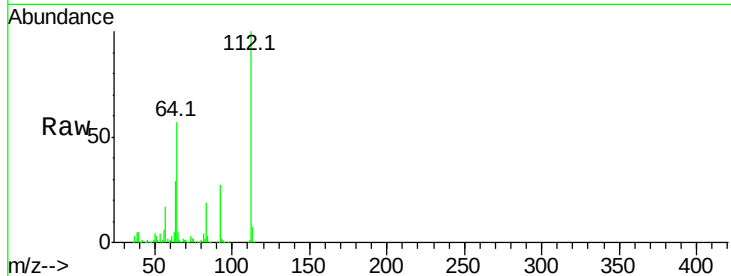
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		725851		
64	57.0	39.9	59.9		
63	29.1	20.2	30.2		



#6

Aniline

Concen: 12.27 ng

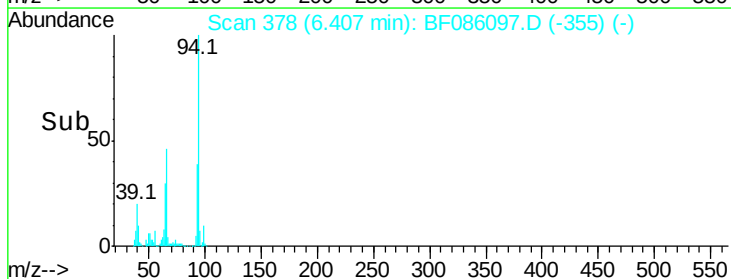
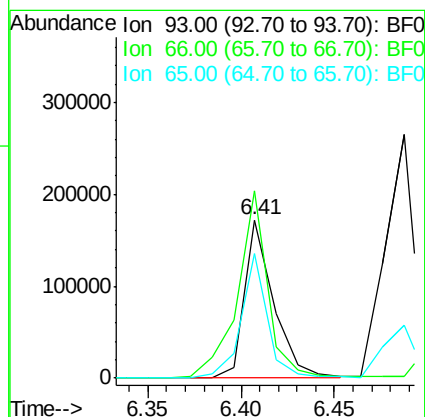
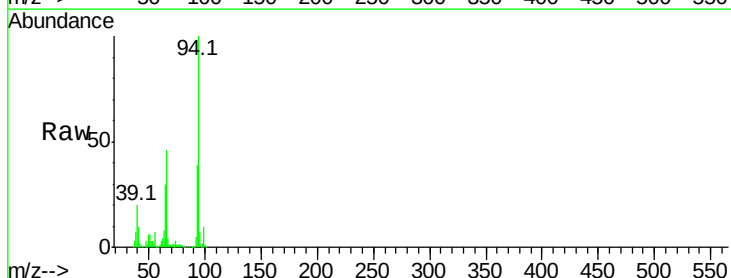
RT: 6.41 min Scan# 378

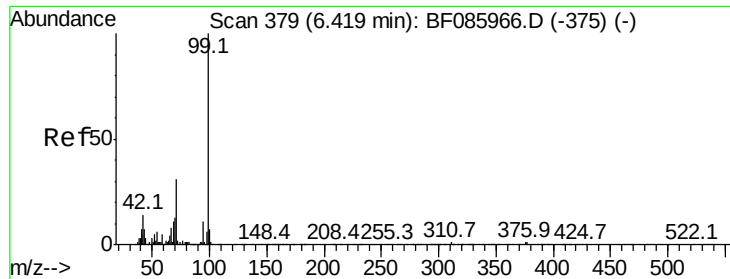
Delta R.T. -0.03 min

Lab File: BF086097.D

Acq: 6 Apr 2016 14:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		189426		
66	117.9	31.4	47.2#		
65	78.5	15.7	23.5#		





#7

Phenol-d6

Concen: 81.26 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.02 min

Lab File: BF086097.D

Acq: 6 Apr 2016 14:34

Instrument :

BNA_F

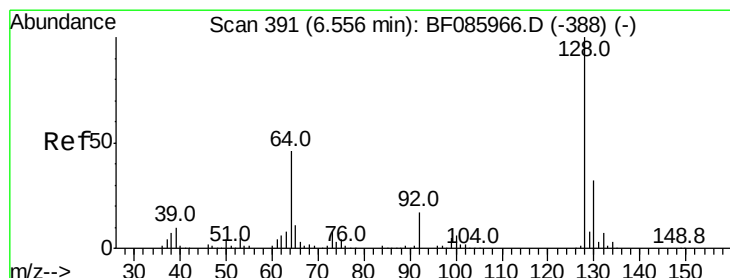
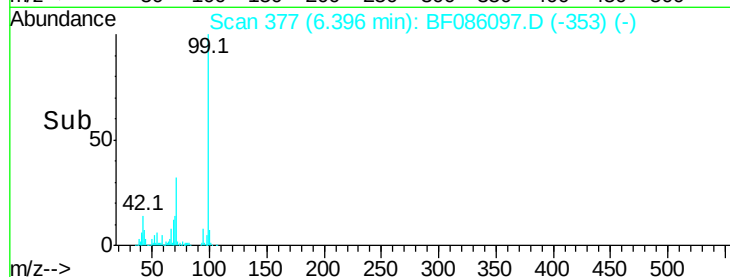
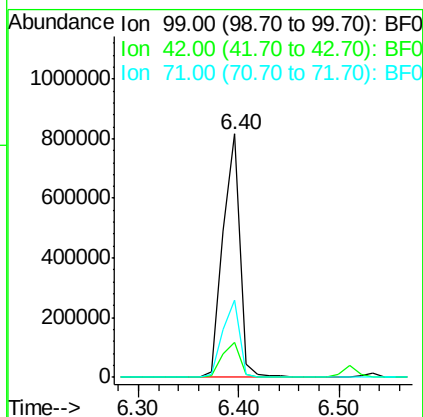
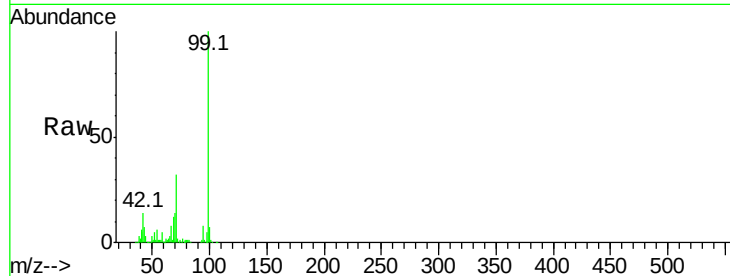
ClientSampleId :

PB89567BS

Tot Ion:	99	Resp:	956350
Ion Ratio	Lower	Upper	
99	100		
42	14.2	11.1	16.7
71	31.5	24.9	37.3

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#8

2-Chlorophenol

Concen: 25.87 ng

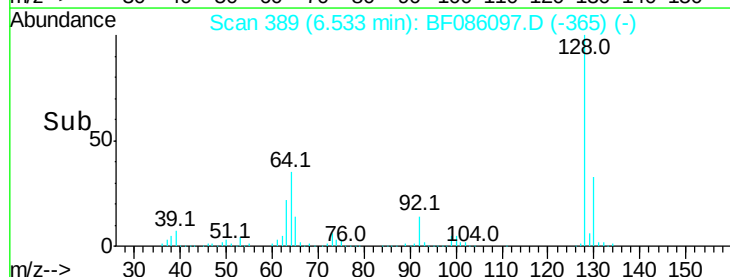
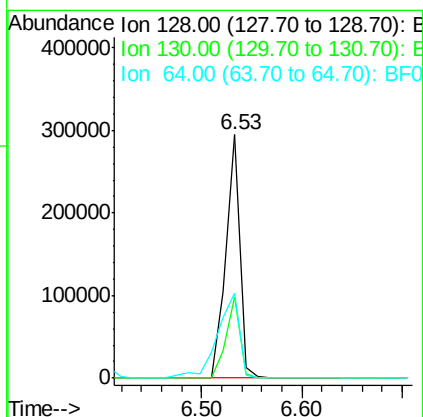
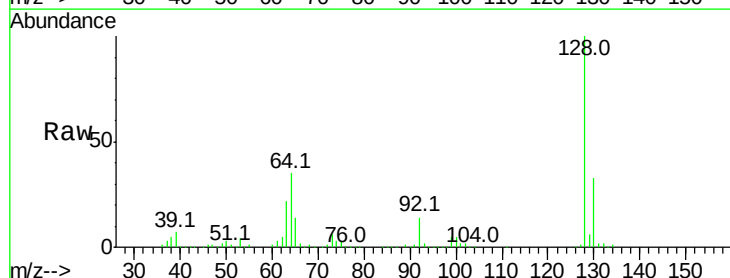
RT: 6.53 min Scan# 389

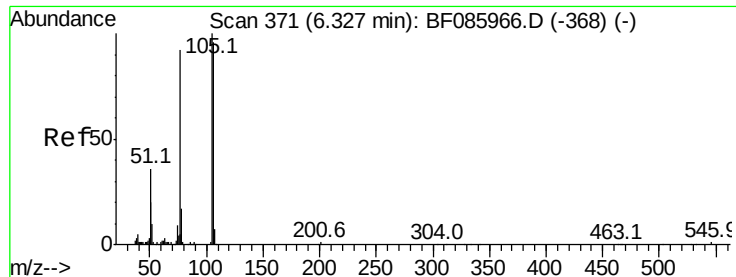
Delta R.T. -0.02 min

Lab File: BF086097.D

Acq: 6 Apr 2016 14:34

Tgt Ion:	128	Resp:	285845
Ion Ratio	Lower	Upper	
128	100		
130	33.5	12.9	52.9
64	34.6	20.2	60.2





#9

Benzaldehyde

Concen: 15.42 ng

RT: 6.29 min Scan# 368

Delta R.T. -0.03 min

Lab File: BF086097.D

Acq: 6 Apr 2016 14:34

Instrument :

BNA_F

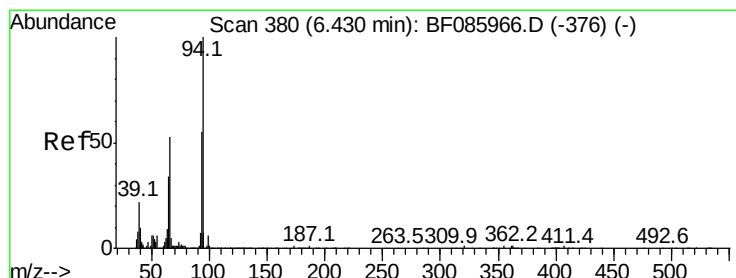
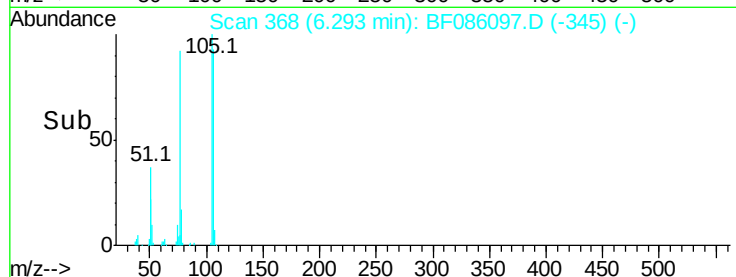
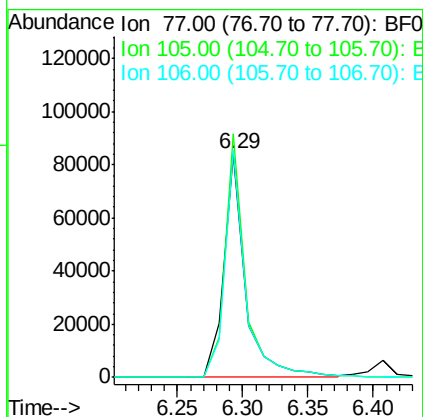
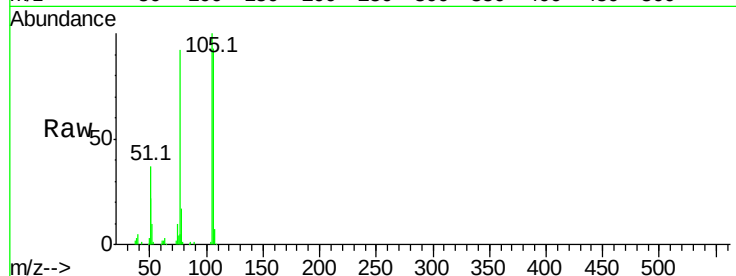
ClientSampleId :

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Tot Ion:	77	Resp:	97657
Ion	Ratio	Lower	Upper
77	100		
105	109.1	80.1	120.1
106	101.5	75.0	115.0



#10

Phenol

Concen: 29.05 ng

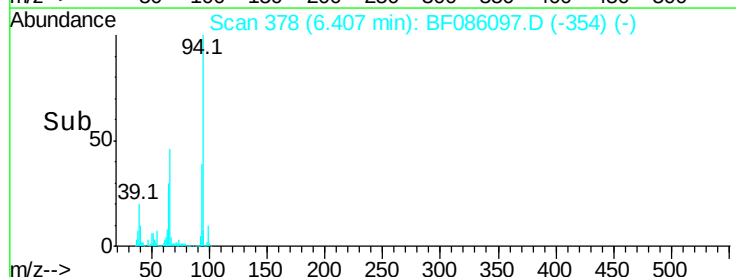
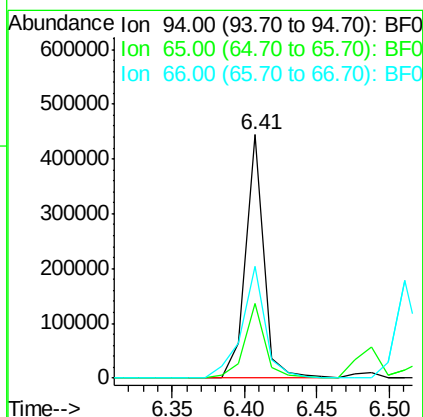
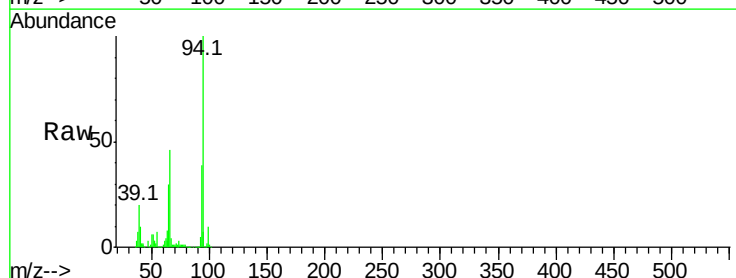
RT: 6.41 min Scan# 378

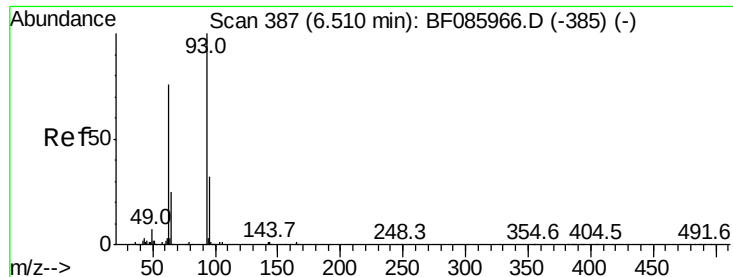
Delta R.T. -0.02 min

Lab File: BF086097.D

Acq: 6 Apr 2016 14:34

Tgt Ion:	94	Resp:	389933
Ion	Ratio	Lower	Upper
94	100		
65	30.4	8.6	48.6
66	45.7	20.0	60.0





#11

bis(2-Chloroethyl)ether

Concen: 26.98 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.02 min

Lab File: BF086097.D

Acq: 6 Apr 2016 14:34

Instrument :

BNA_F

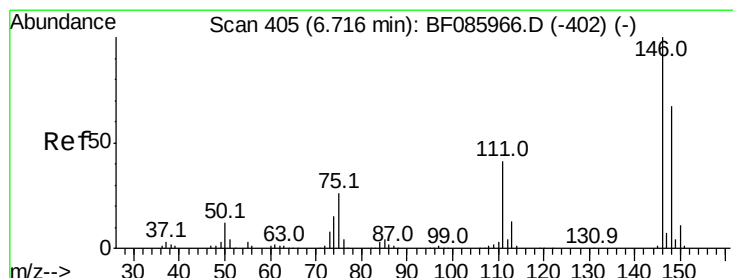
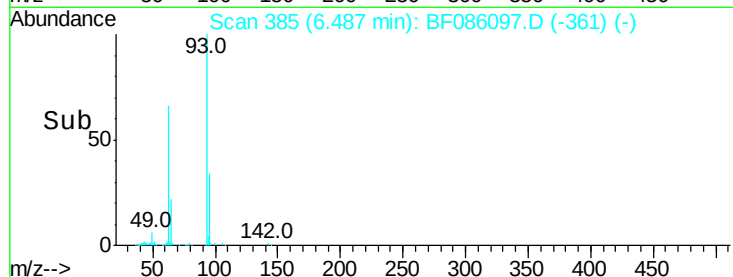
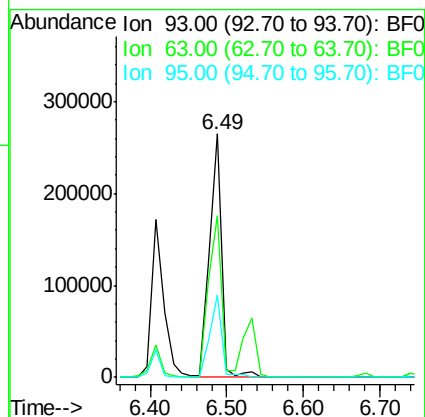
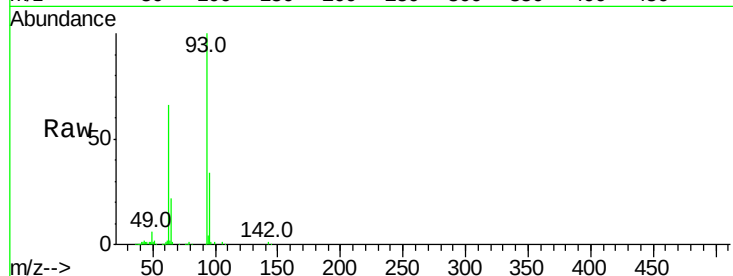
ClientSampleId :

PB89567BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	286767		
63	66.4	50.9	90.9	
95	33.6	13.3	53.3	

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#12

1,3-Dichlorobenzene

Concen: 25.45 ng

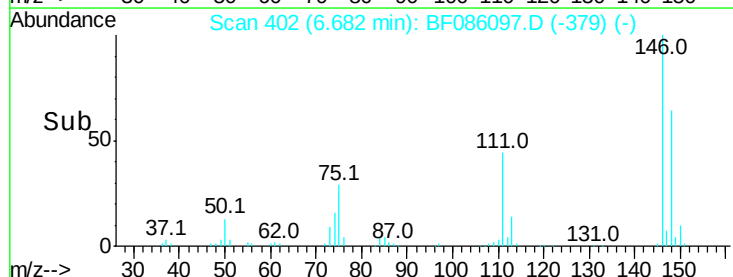
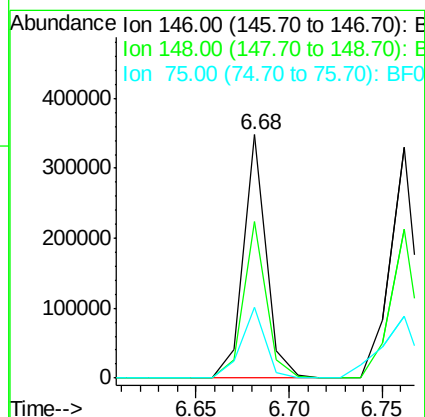
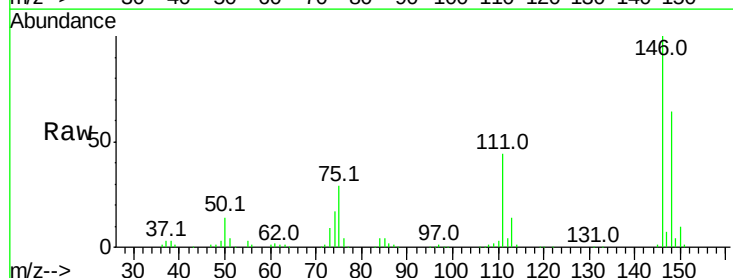
RT: 6.68 min Scan# 402

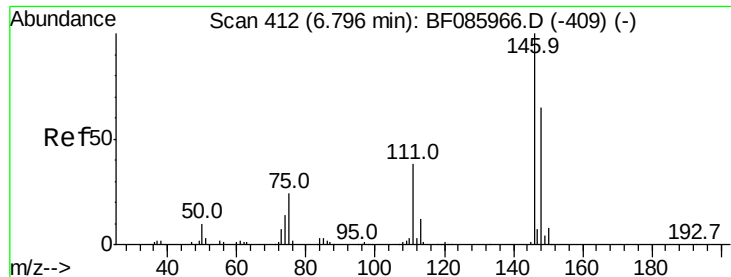
Delta R.T. -0.03 min

Lab File: BF086097.D

Acq: 6 Apr 2016 14:34

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	298089		
148	64.3	52.3	78.5	
75	28.9	17.4	26.2	





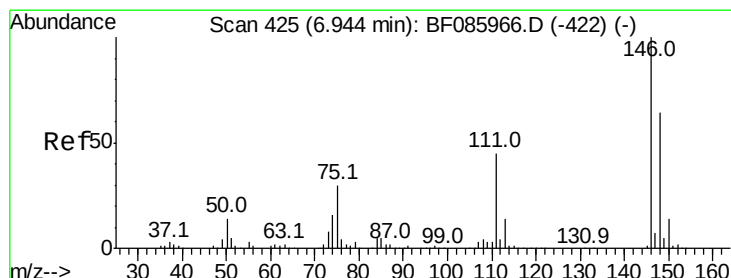
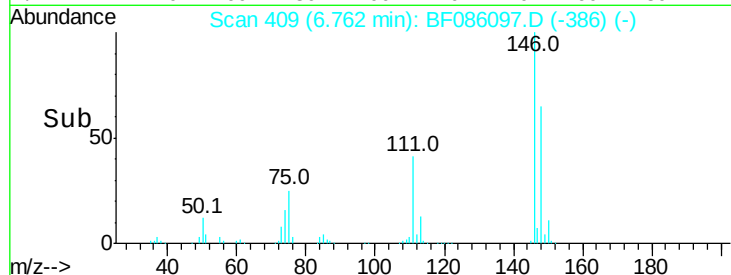
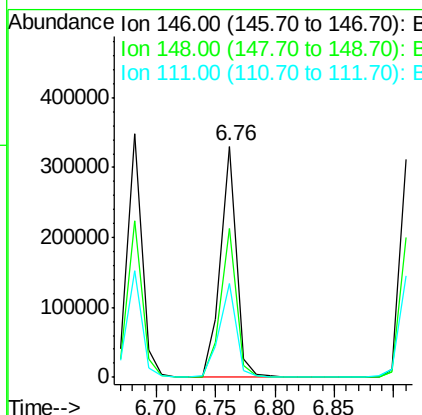
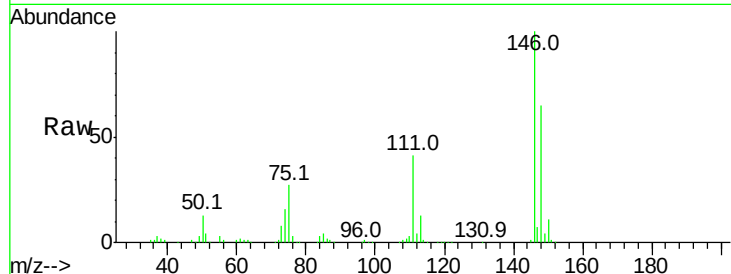
#13
 1,4-Dichlorobenzene
 Concen: 25.54 ng
 RT: 6.76 min Scan# 409
 Delta R.T. -0.03 min
 Lab File: BF086097.D
 Acq: 6 Apr 2016 14:34

Instrument :
 BNA_F
 ClientSampleId :
 PB89567BS

Tot Ion	Ratio	Resp	Lower	Upper
146	100	308175		
148	64.7	50.6	76.0	
111	40.9	37.8	56.6	

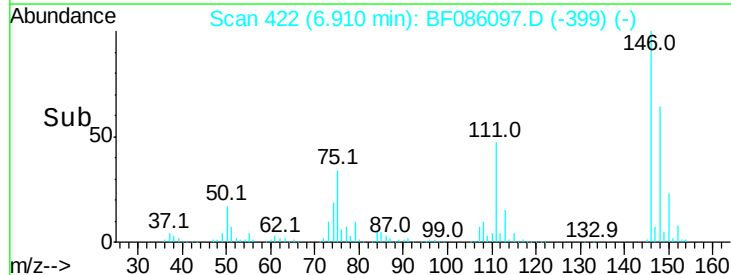
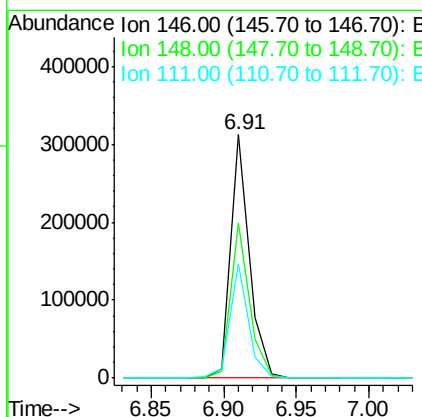
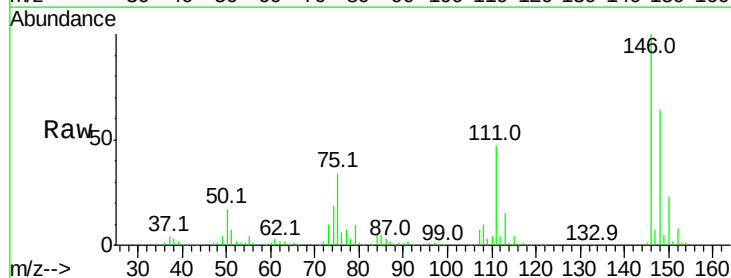
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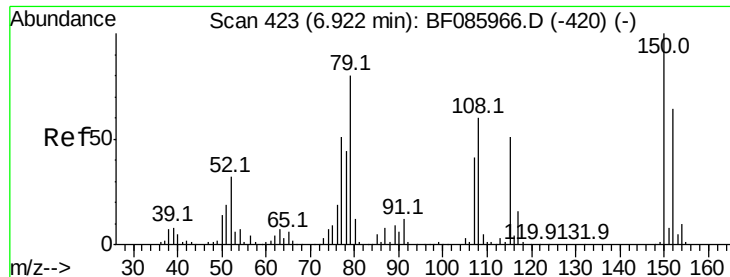
Sohil
 4/7/2016 8:59:01 AM



#14
 1,2-Dichlorobenzene
 Concen: 25.23 ng
 RT: 6.91 min Scan# 422
 Delta R.T. -0.03 min
 Lab File: BF086097.D
 Acq: 6 Apr 2016 14:34

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	280137		
148	63.8	51.4	77.2	
111	46.8	34.6	52.0	





#15

Benzyl Alcohol

Concen: 28.20 ng

RT: 6.90 min Scan# 421

Delta R.T. -0.02 min

Lab File: BF086097.D

Acq: 6 Apr 2016 14:34

Instrument :

BNA_F

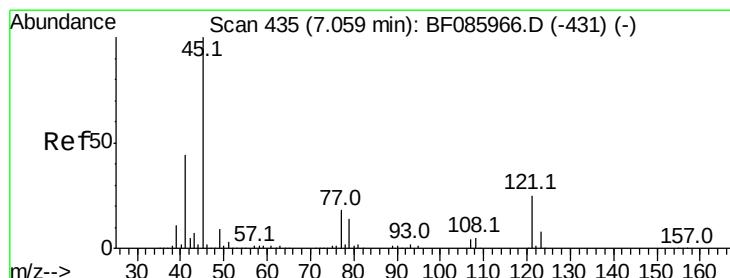
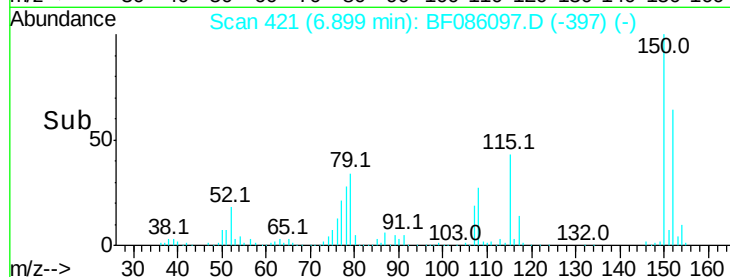
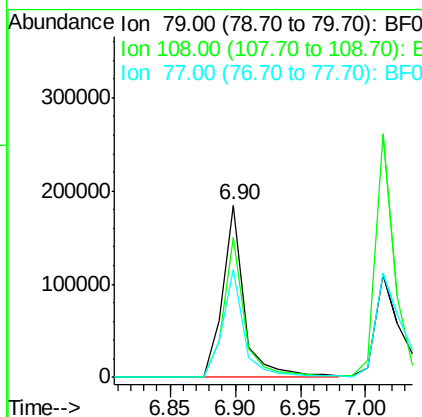
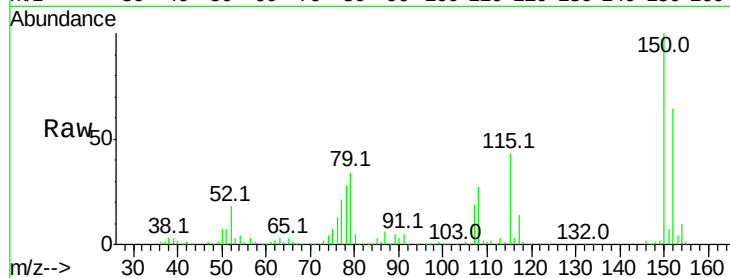
ClientSampleId :

PB89567BS

Tot Ion:	79	Resp:	214705
Ion Ratio	Lower	Upper	
79	100		
108	81.6	61.8	92.6
77	62.6	49.6	74.4

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#16

2,2'-oxybis(1-chloropropane)

Concen: 24.45 ng

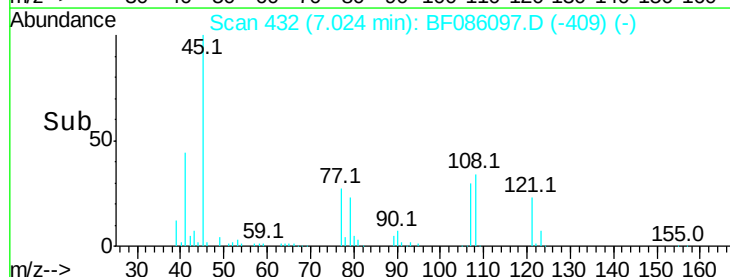
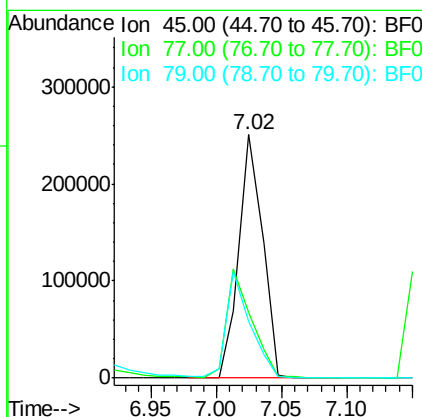
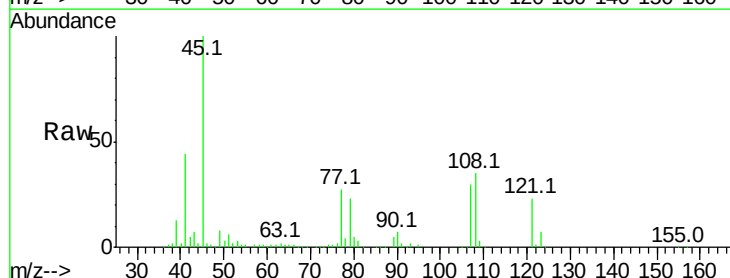
RT: 7.02 min Scan# 432

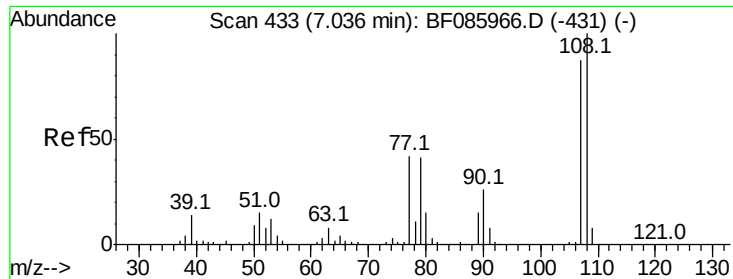
Delta R.T. -0.03 min

Lab File: BF086097.D

Acq: 6 Apr 2016 14:34

Tgt Ion:	45	Resp:	317537
Ion Ratio	Lower	Upper	
45	100		
77	26.8	0.0	35.7
79	23.2	0.0	32.2





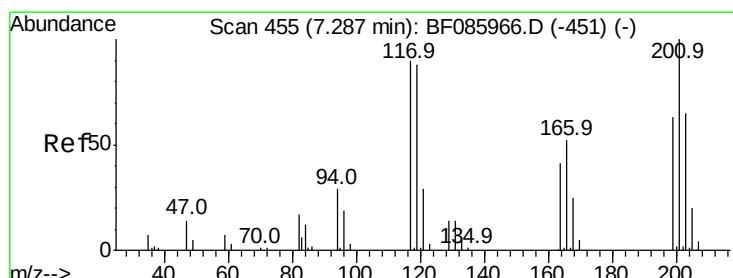
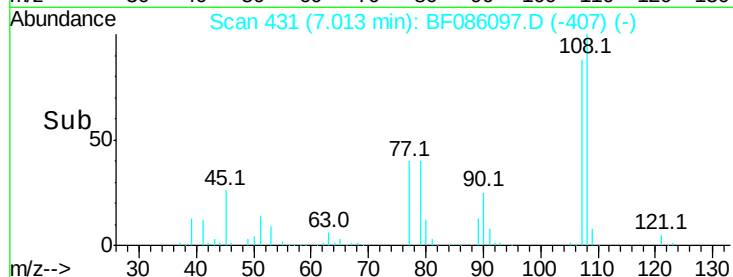
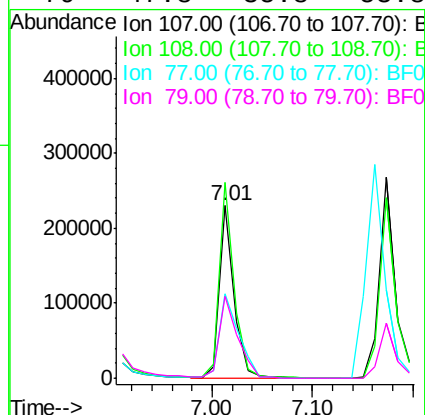
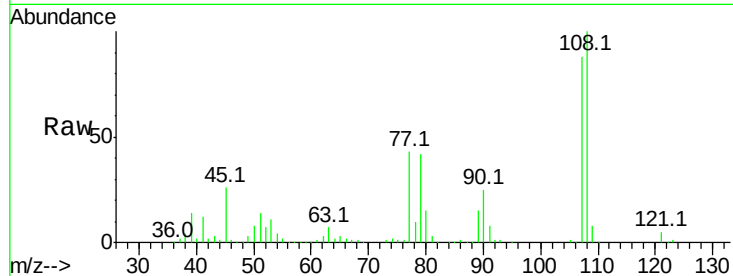
#17
2-Methylphenol
Concen: 26.81 ng
RT: 7.01 min Scan# 431
Delta R.T. -0.02 min
Lab File: BF086097.D
Acq: 6 Apr 2016 14:34

Instrument :
BNA_F
ClientSampleId :
PB89567BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100			
108	108	113.6	91.4	137.0	
77	77	48.8	36.2	54.2	
79	79	47.8	35.8	53.8	

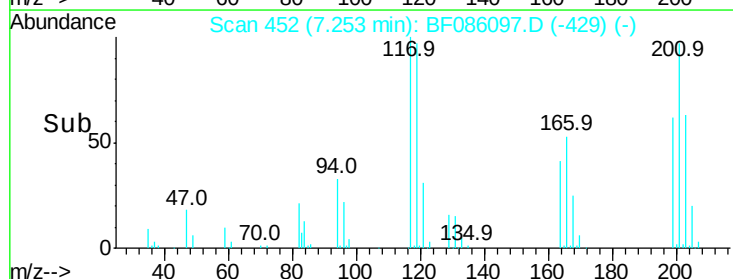
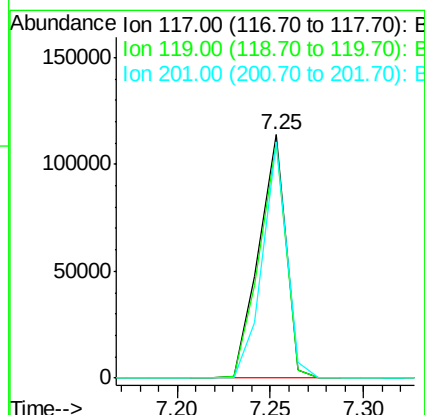
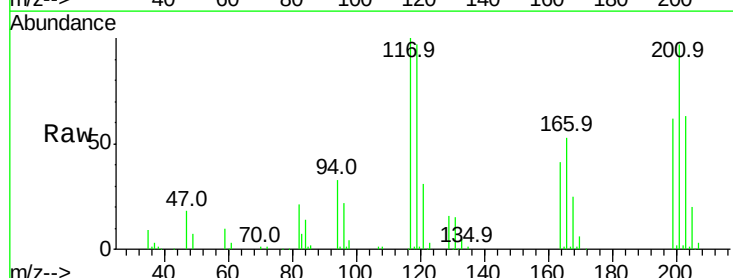
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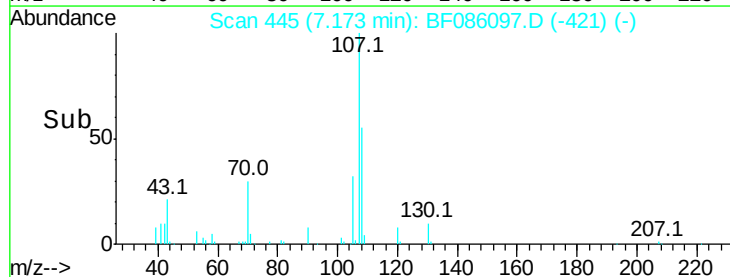
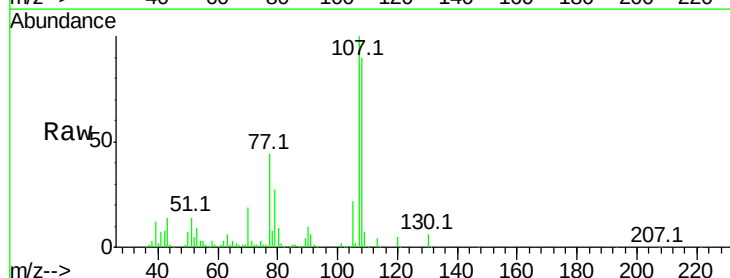
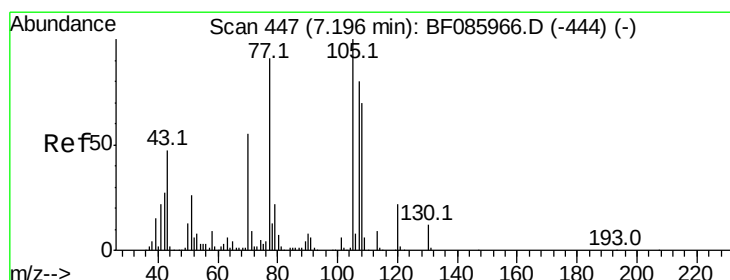
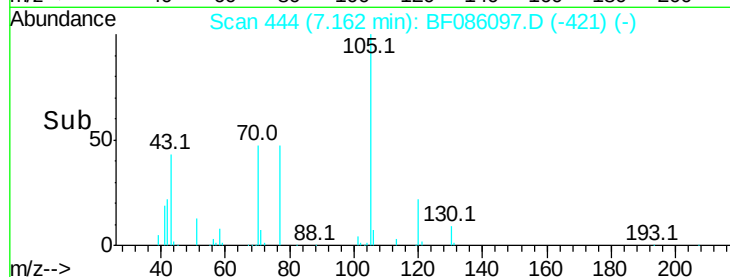
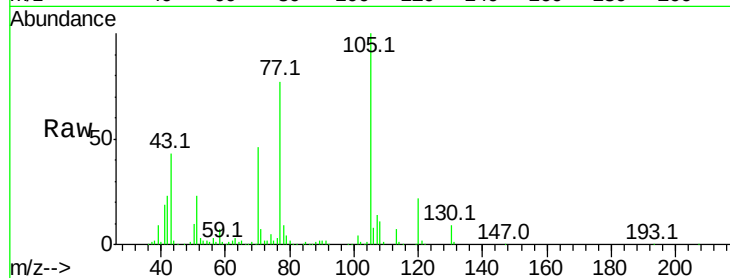
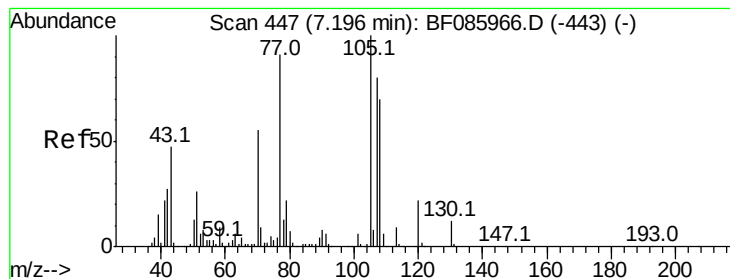
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#18
Hexachloroethane
Concen: 25.61 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.03 min
Lab File: BF086097.D
Acq: 6 Apr 2016 14:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117	100			
119	119	96.7	76.7	115.1	
201	201	97.0	83.3	124.9	





#19

n-Nitroso-di-n-propylamine

Concen: 24.87 ng

RT: 7.16 min Scan# 444

Delta R.T. -0.03 min

Lab File: BF086097.D

Acq: 6 Apr 2016 14:34

Instrument :

BNA_F

ClientSampleId :

PB89567BS

Tot Ion: 70 Resp: 181394

Ion Ratio Lower Upper

70 100

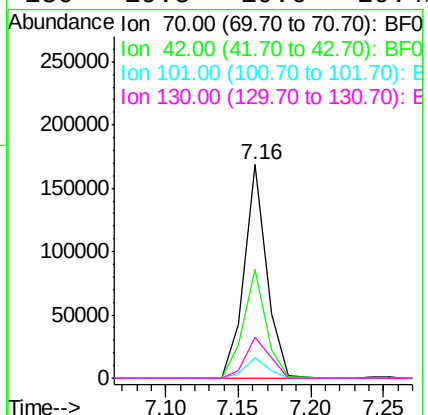
42 51.1 37.1 55.7

101 9.4 8.6 12.8

130 19.5 19.6 29.4#

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#20

3+4-Methylphenols

Concen: 28.67 ng

RT: 7.17 min Scan# 445

Delta R.T. -0.02 min

Lab File: BF086097.D

Acq: 6 Apr 2016 14:34

Tgt Ion:107 Resp: 303801

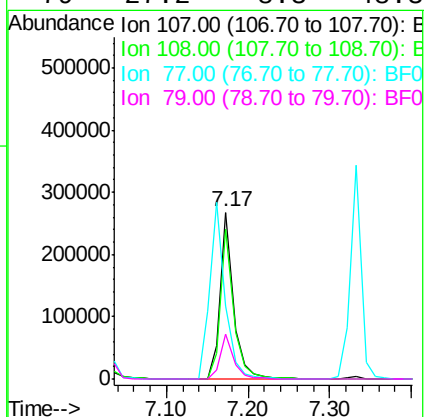
Ion Ratio Lower Upper

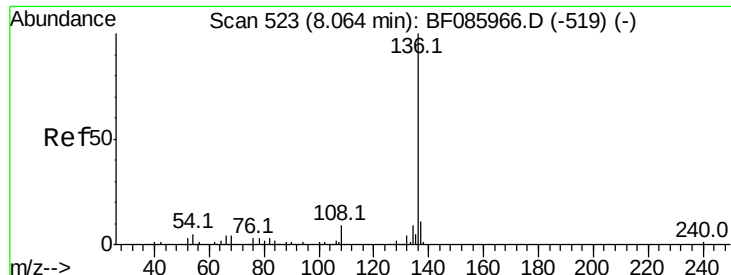
107 100

108 90.0 69.3 109.3

77 44.1 101.7 141.7#

79 27.2 8.3 48.3





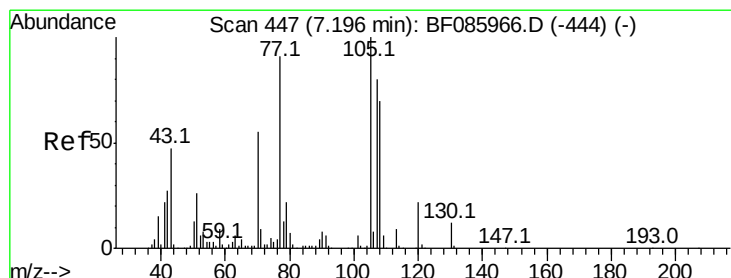
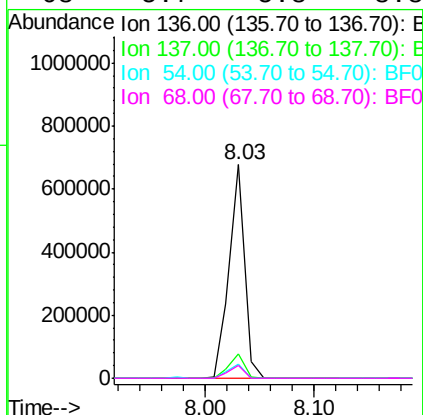
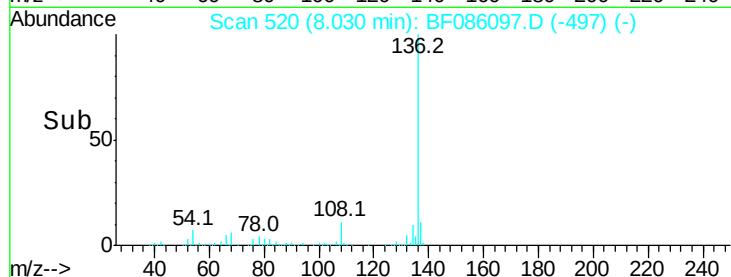
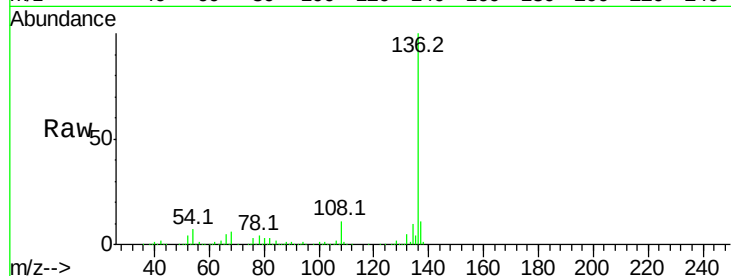
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.03 min
Lab File: BF086097.D
Acq: 6 Apr 2016 14:34

Instrument :
BNA_F
ClientSampleId :
PB89567BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	667131		
137	11.2	9.1	13.7	
54	6.6	7.4	11.0	
68	5.7	5.8	8.8	

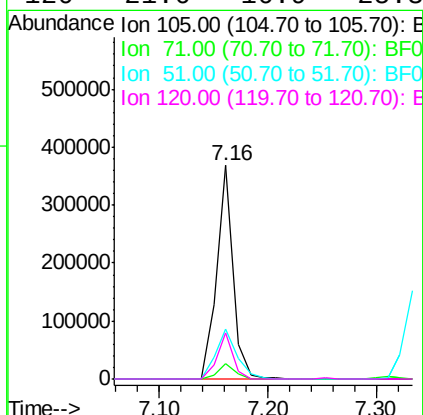
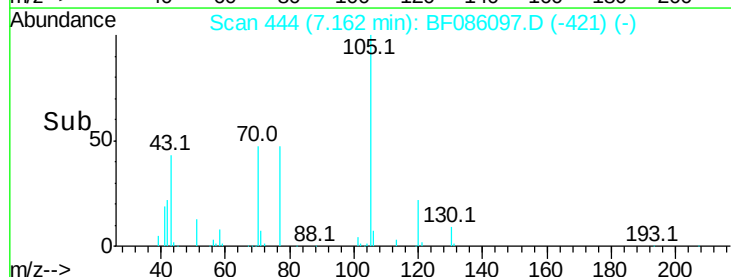
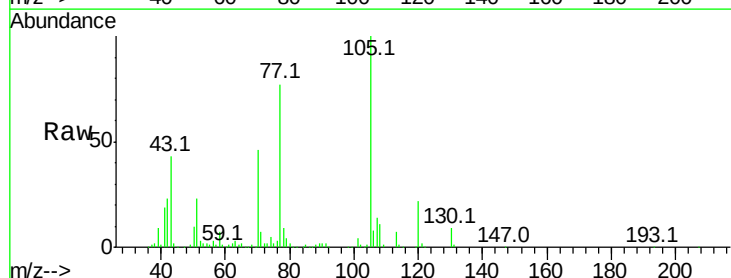
Manual Integrations
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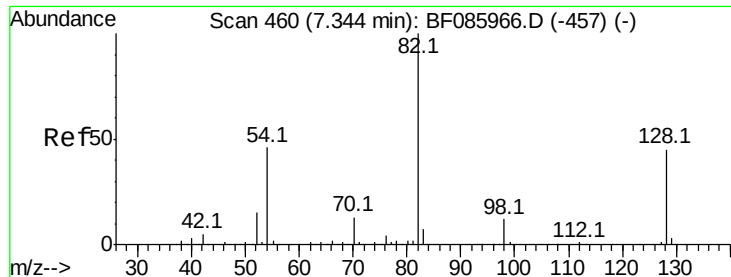
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#22
Acetophenone
Concen: 24.83 ng
RT: 7.16 min Scan# 444
Delta R.T. -0.03 min
Lab File: BF086097.D
Acq: 6 Apr 2016 14:34

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	389352		
71	7.4	3.6	5.4	
51	23.4	25.4	38.0	
120	21.6	16.9	25.3	





#23

Nitrobenzene-d5

Concen: 50.89 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.03 min

Lab File: BF086097.D

Acq: 6 Apr 2016 14:34

Instrument :

BNA_F

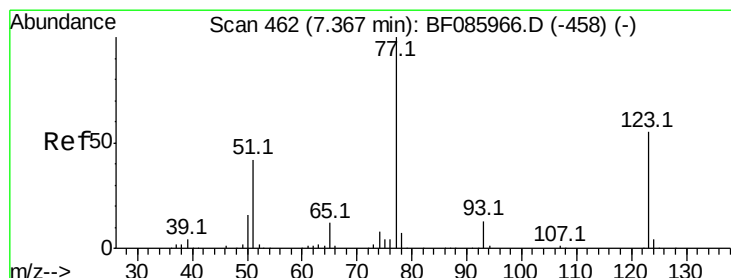
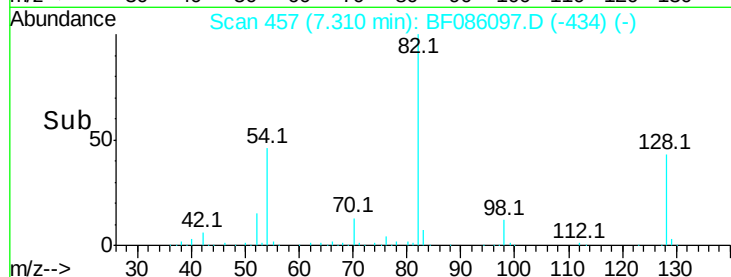
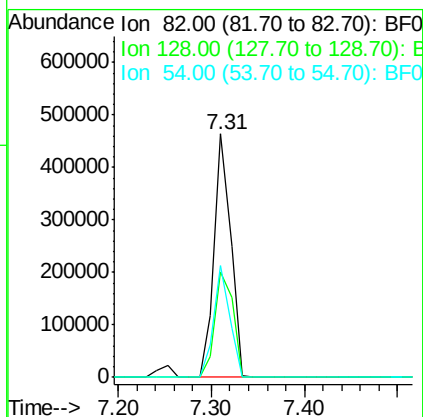
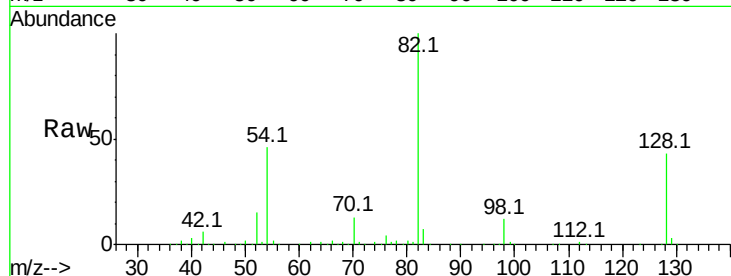
ClientSampleId :

PB89567BS

Tot Ion:	82	Resp:	575718
Ion Ratio	Lower	Upper	
82	100		
128	43.5	41.8	62.8
54	45.9	33.4	50.0

Manual Integrations
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#24

Nitrobenzene

Concen: 25.38 ng

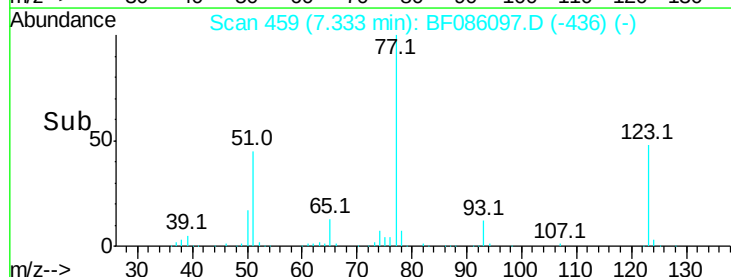
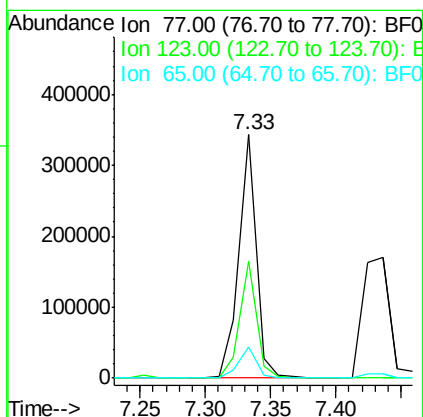
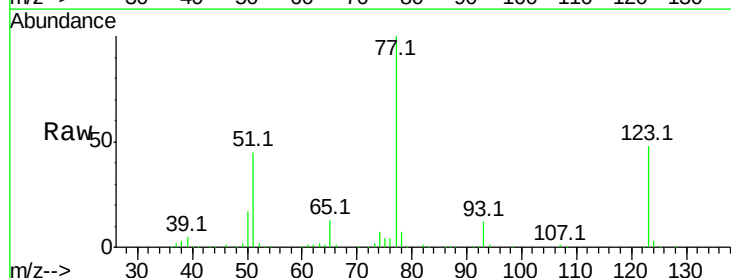
RT: 7.33 min Scan# 459

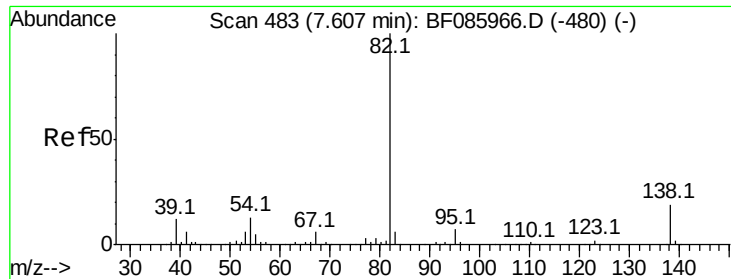
Delta R.T. -0.03 min

Lab File: BF086097.D

Acq: 6 Apr 2016 14:34

Tgt Ion:	77	Resp:	314079
Ion Ratio	Lower	Upper	
77	100		
123	47.8	35.0	52.4
65	12.9	10.6	16.0





#25

Isophorone

Concen: 24.78 ng

RT: 7.57 min Scan# 480

Delta R.T. -0.03 min

Lab File: BF086097.D

Acq: 6 Apr 2016 14:34

Instrument :

BNA_F

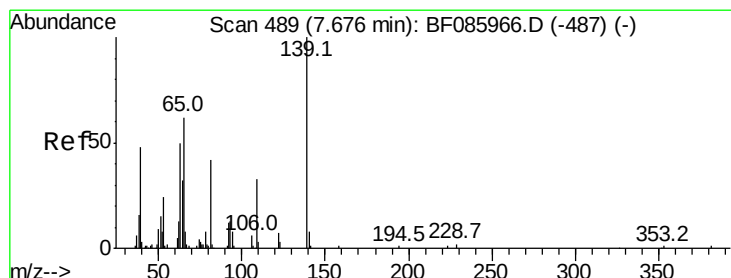
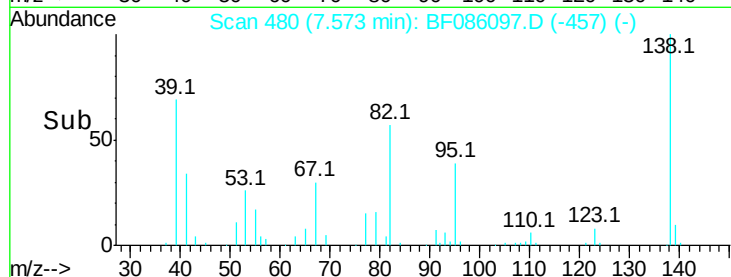
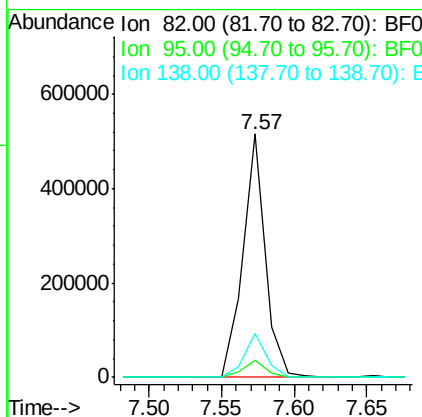
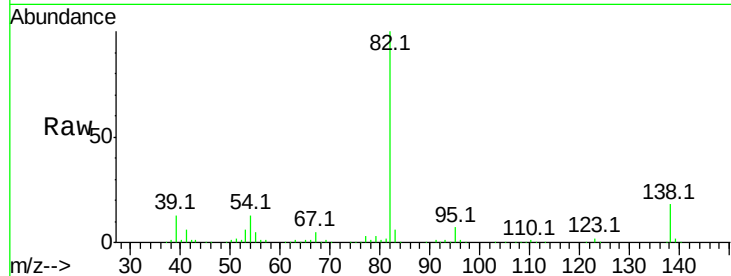
ClientSampleId :

PB89567BS

Tot Ion:	82	Resp:	553444
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.4	8.2
138	17.9	12.9	19.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 26.36 ng

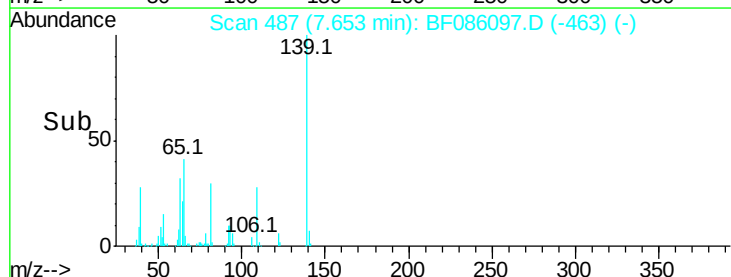
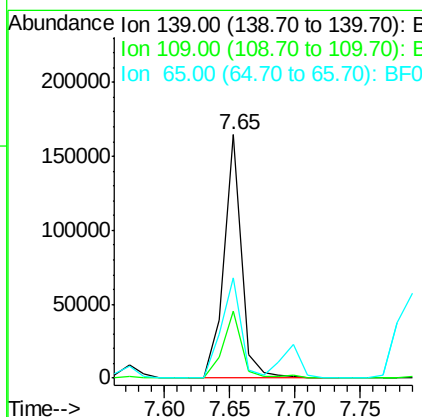
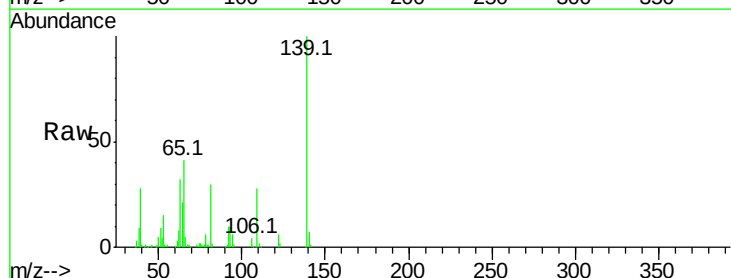
RT: 7.65 min Scan# 487

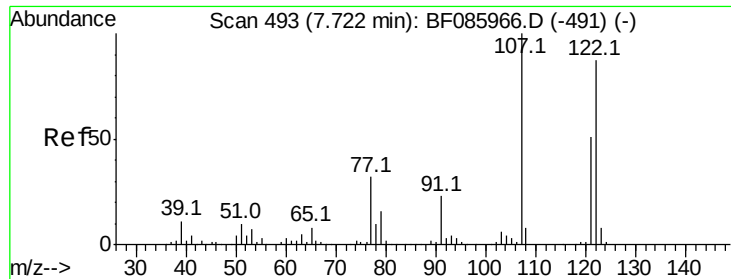
Delta R.T. -0.02 min

Lab File: BF086097.D

Acq: 6 Apr 2016 14:34

Tgt Ion:	139	Resp:	156073
Ion Ratio	Lower	Upper	
139	100		
109	27.5	22.1	33.1
65	41.0	33.9	50.9





#27

2,4-Dimethylphenol

Concen: 26.40 ng

RT: 7.70 min Scan# 491

Delta R.T. -0.02 min

Lab File: BF086097.D

Acq: 6 Apr 2016 14:34

Instrument :

BNA_F

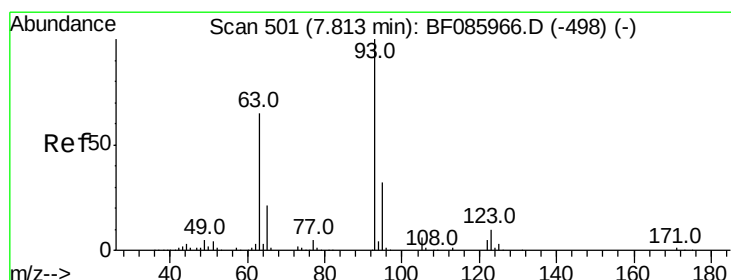
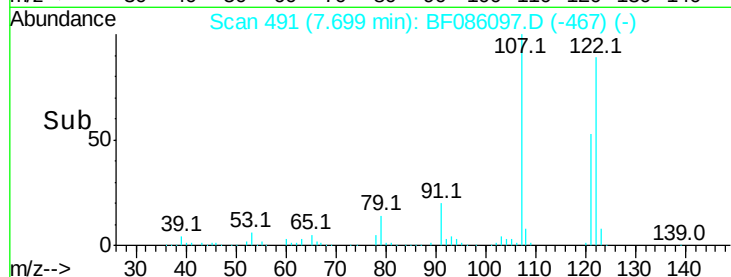
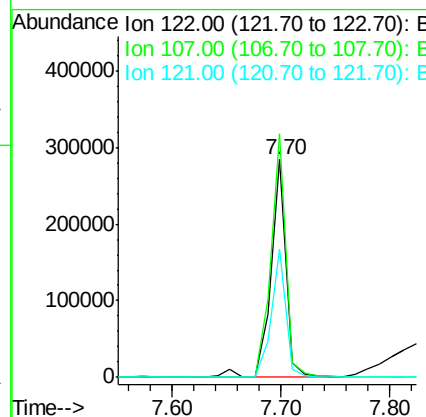
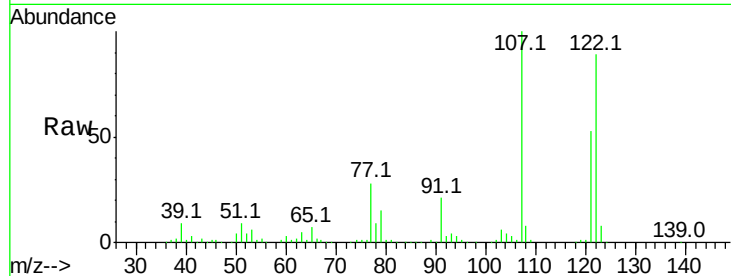
ClientSampleId :

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Tot Ion:	122	Resp:	280758
Ion Ratio	Lower	Upper	
122	100		
107	111.8	93.0	139.6
121	59.1	45.9	68.9

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#28

bis(2-Chloroethoxy)methane

Concen: 26.52 ng

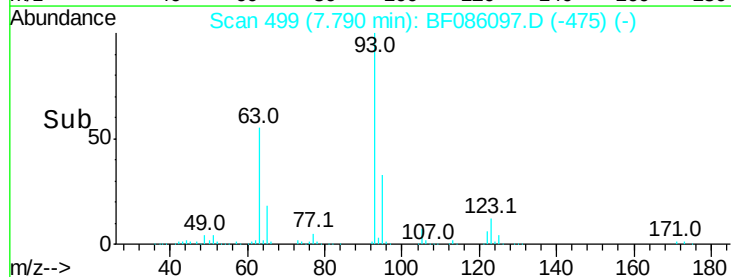
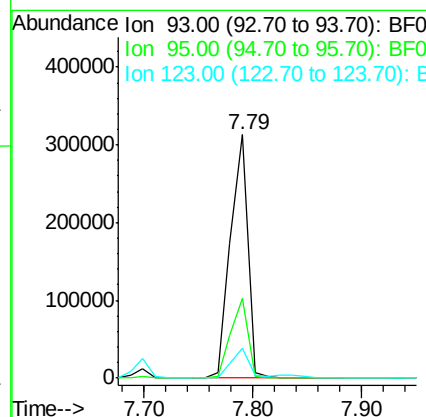
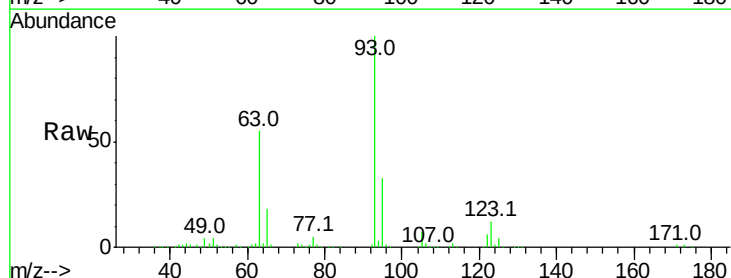
RT: 7.79 min Scan# 499

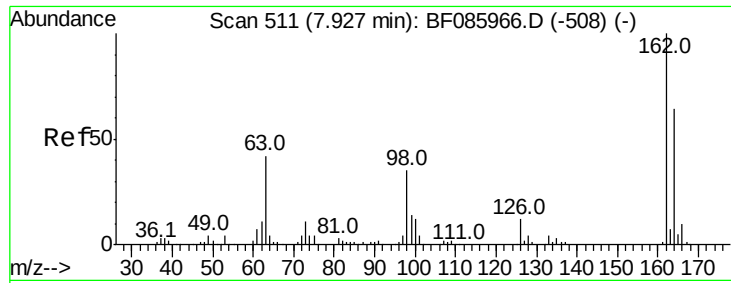
Delta R.T. -0.02 min

Lab File: BF086097.D

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Tgt Ion:	93	Resp:	347545
Ion Ratio	Lower	Upper	
93	100		
95	32.6	26.4	39.6
123	12.0	9.8	14.6





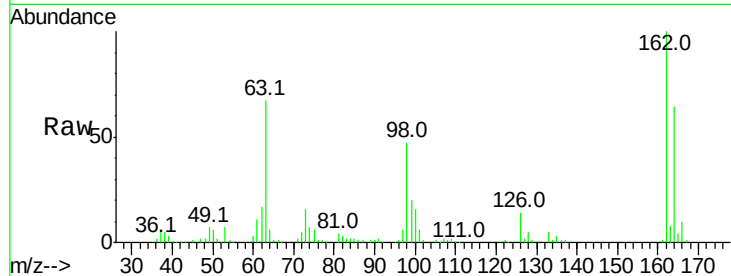
#29
 2,4-Dichlorophenol
 Concen: 25.41 ng
 RT: 7.89 min Scan# 508
 Delta R.T. -0.03 min
 Lab File: BF086097.D
 Acq: 6 Apr 2016 14:34

Instrument :
 BNA_F
 ClientSampleId :
 PB89567BS

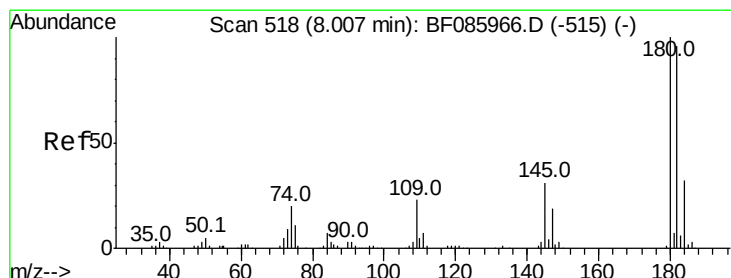
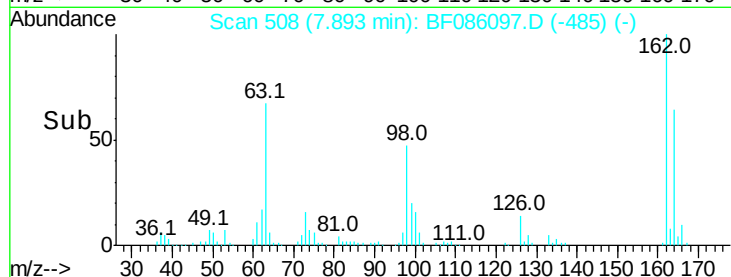
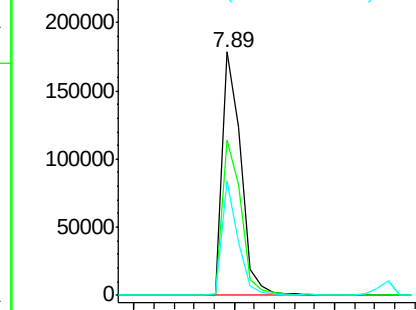
Tot Ion	Ratio	Resp	Lower	Upper
162	100	228511		
164	63.6	43.7	83.7	
98	47.1	20.4	60.4	

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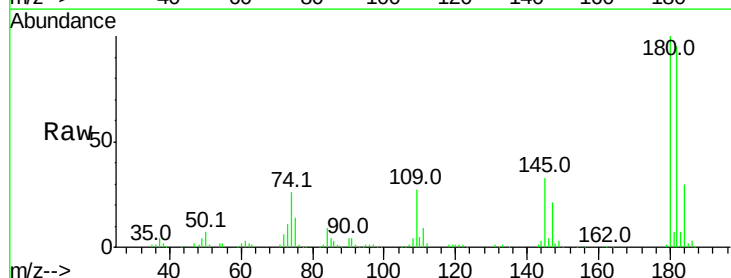


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

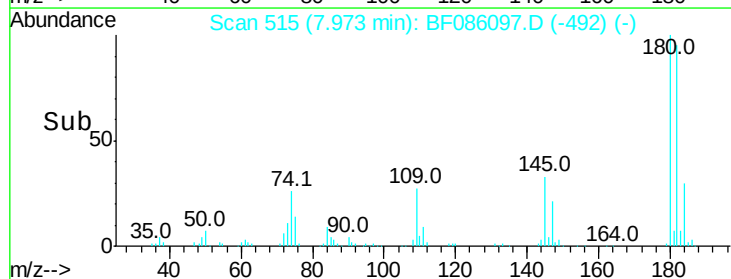
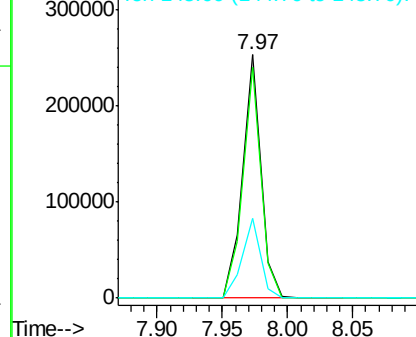


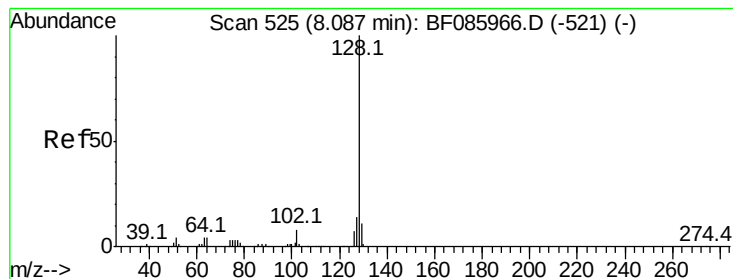
#30
 1,2,4-Trichlorobenzene
 Concen: 24.36 ng
 RT: 7.97 min Scan# 515
 Delta R.T. -0.03 min
 Lab File: BF086097.D
 Acq: 6 Apr 2016 14:34

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	245871		
182	95.0	73.8	110.8	
145	33.0	28.4	42.6	



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 25.22 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.03 min

Lab File: BF086097.D

Acq: 6 Apr 2016 14:34

Instrument :

BNA_F

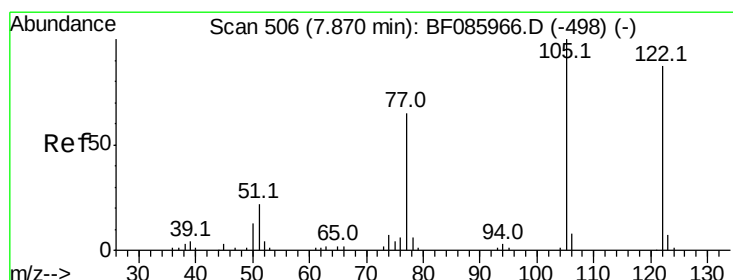
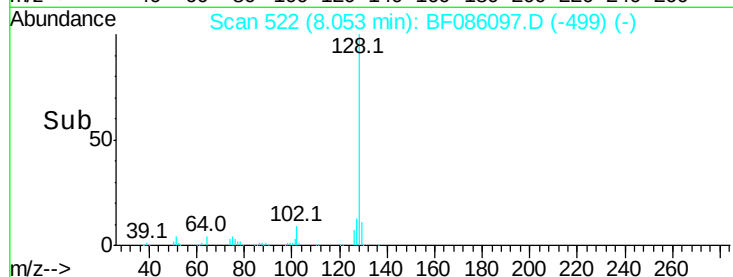
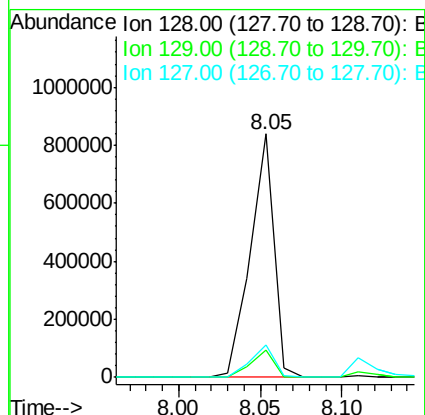
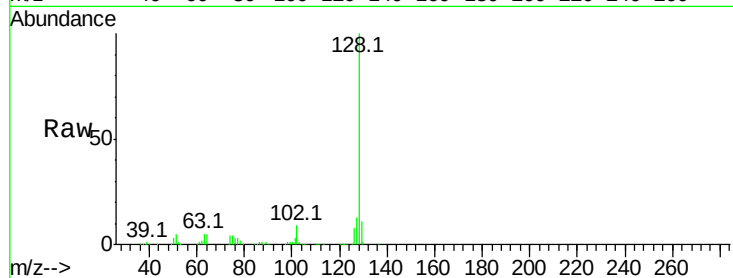
ClientSampleId :

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Tot Ion:	128	Resp:	846178
Ion Ratio	Lower	Upper	
128	100		
129	11.2	9.4	14.0
127	13.4	11.0	16.6

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#32

Benzoic acid

Concen: 20.12 ng

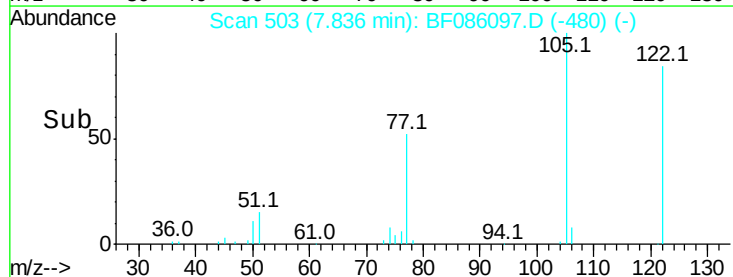
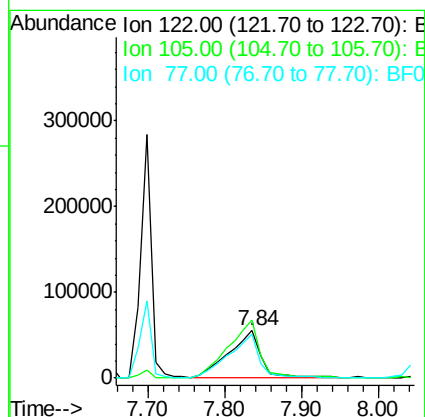
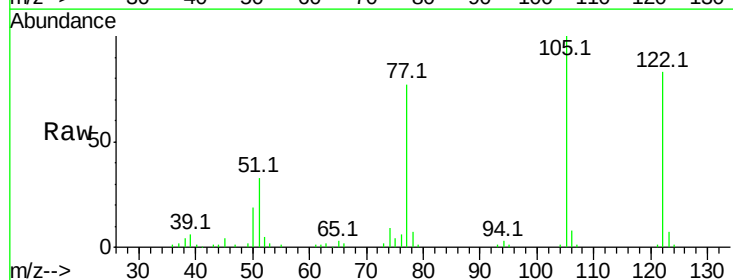
RT: 7.84 min Scan# 503

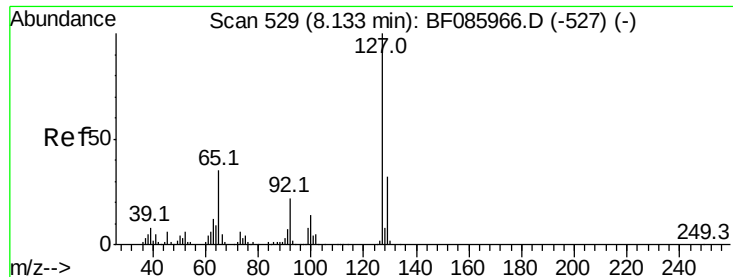
Delta R.T. -0.03 min

Lab File: BF086097.D

Acq: 6 Apr 2016 14:34

Tgt Ion:	122	Resp:	157017
Ion Ratio	Lower	Upper	
122	100		
105	120.8	102.9	142.9
77	92.9	71.8	111.8





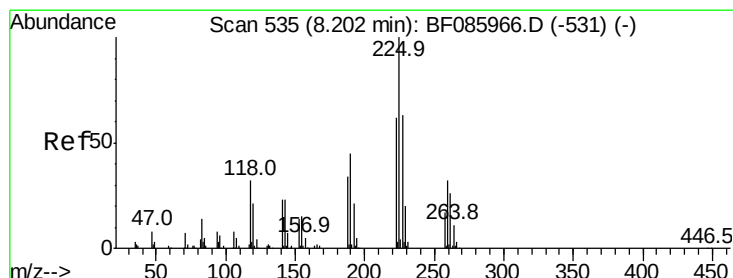
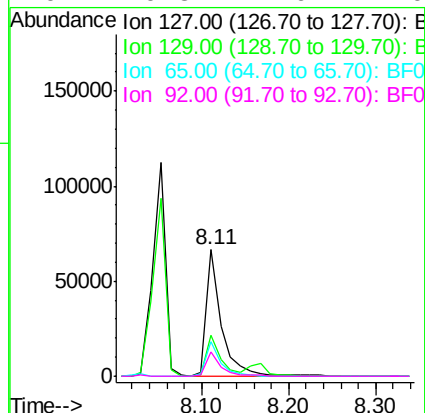
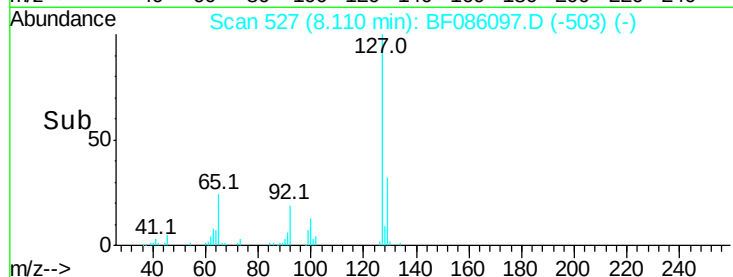
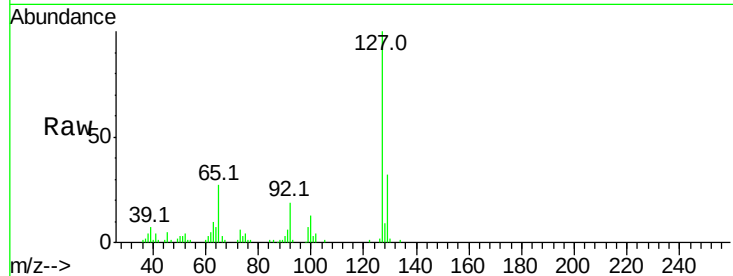
#33
4-Chloroaniline
Concen: 6.00 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.02 min
Lab File: BF086097.D
Acq: 6 Apr 2016 14:34

Instrument :
BNA_F
ClientSampleId :
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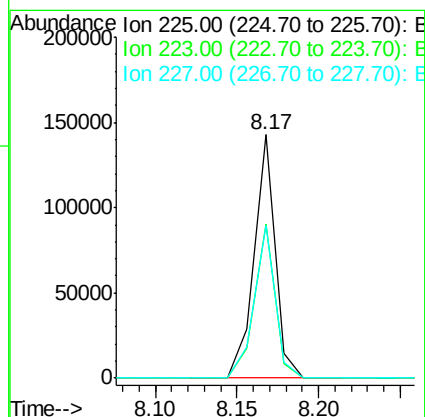
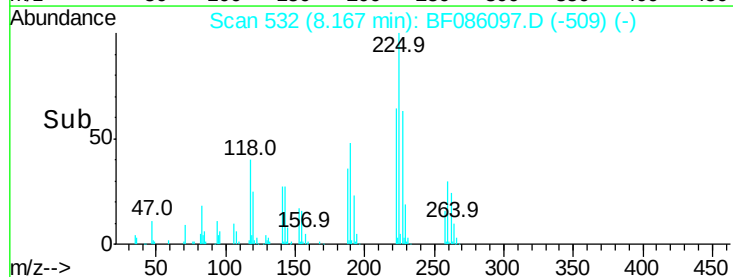
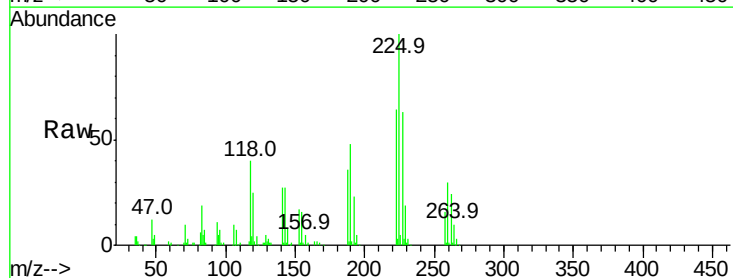
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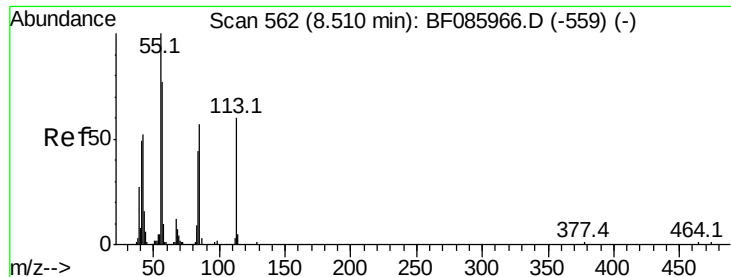
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.0	26.1	39.1		
65	27.4	19.5	29.3		
92	19.3	14.6	22.0		



#34
Hexachlorobutadiene
Concen: 23.62 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.03 min
Lab File: BF086097.D
Acq: 6 Apr 2016 14:34

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





#35

Caprolactam

Concen: 26.27 ng/ml

RT: 8.48 min Scan# 559

Delta R.T. -0.03 min

Lab File: BF086097.D

Acq: 6 Apr 2016 14:34

Instrument :

BNA_F

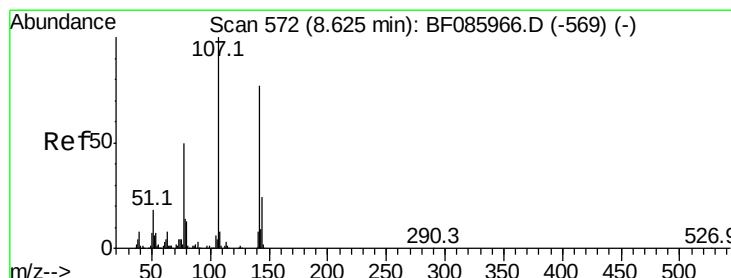
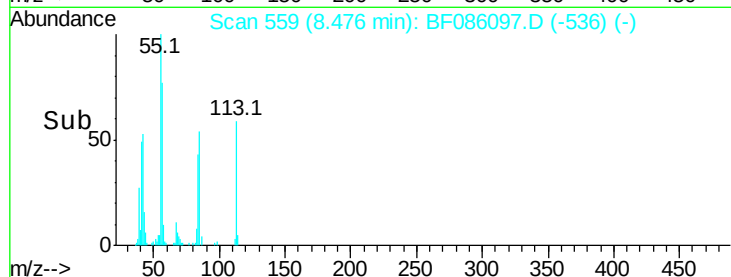
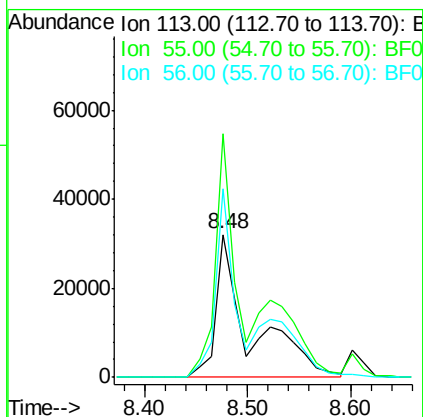
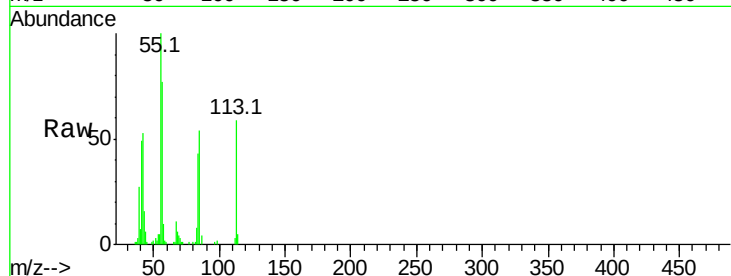
ClientSampleId :

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Tot Ion	Ratio	Lower	Upper
113	100		
55	170.1	139.4	179.4
56	131.4	100.4	140.4



#36

4-Chloro-3-methylphenol

Concen: 23.81 ng/ml

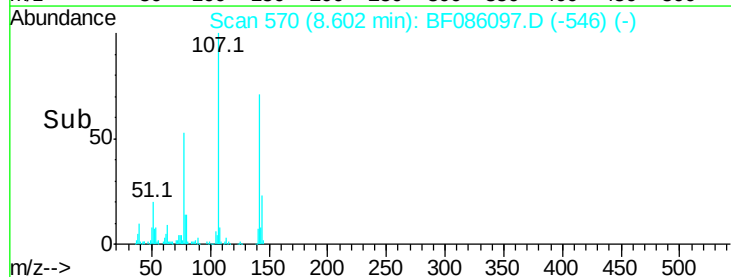
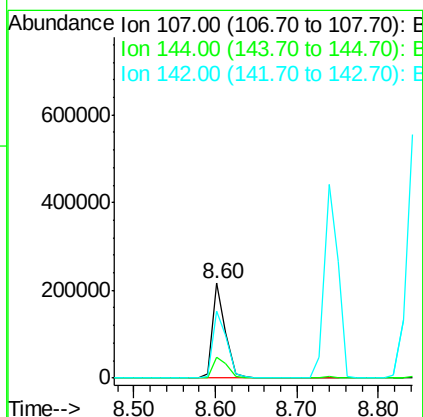
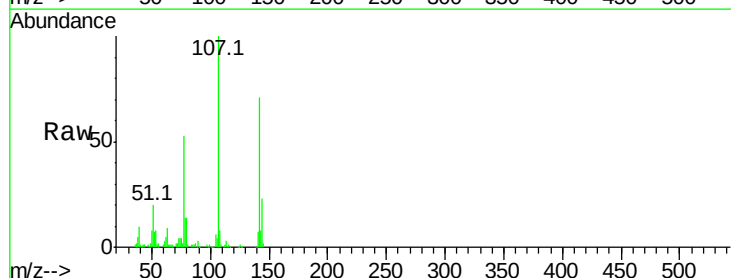
RT: 8.60 min Scan# 570

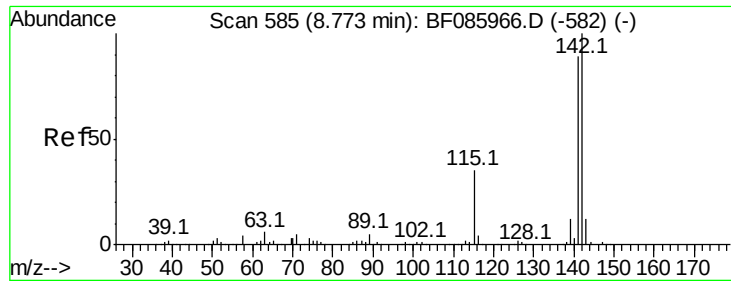
Delta R.T. -0.02 min

Lab File: BF086097.D

Acq: 6 Apr 2016 14:34

Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.5	19.3	28.9
142	70.7	61.4	92.0





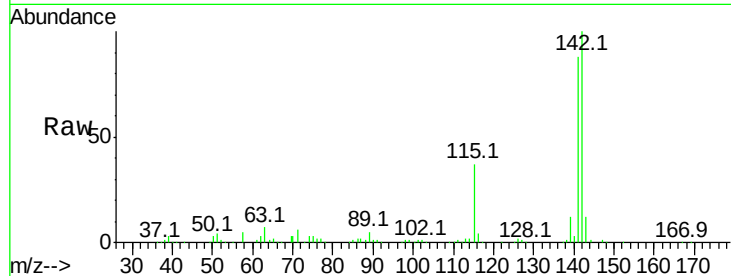
#37
2-Methylnaphthalene
Concen: 23.84 ng
RT: 8.74 min Scan# 582
Delta R.T. -0.03 min
Lab File: BF086097.D
Acq: 6 Apr 2016 14:34

Instrument :
BNA_F
ClientSampleId :
PB89567BS

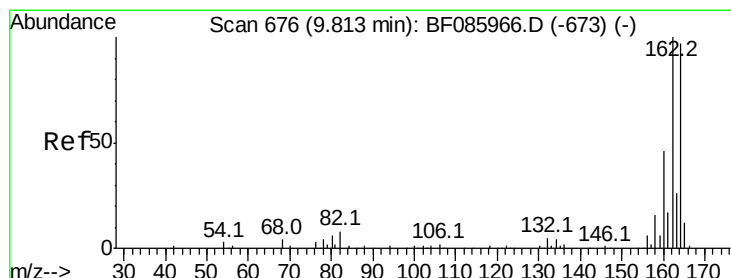
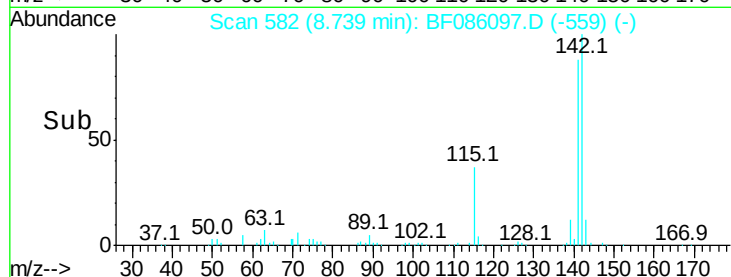
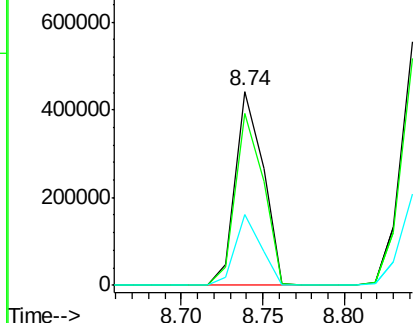
Tot Ion:	142	Resp:	522510
Ion Ratio	Lower	Upper	
142	100		
141	88.5	71.6	107.4
115	36.9	26.8	40.2

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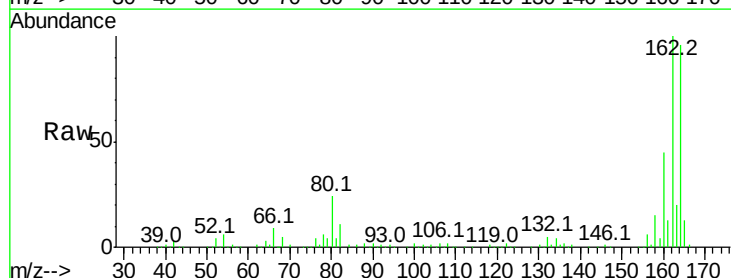


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

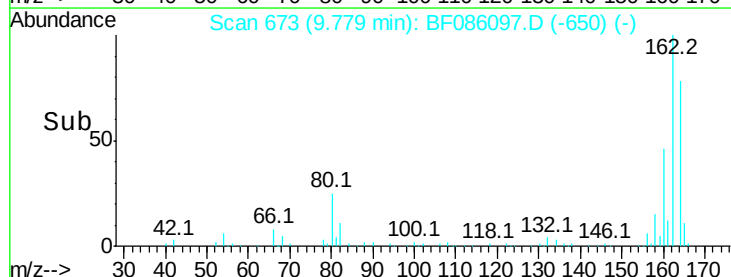
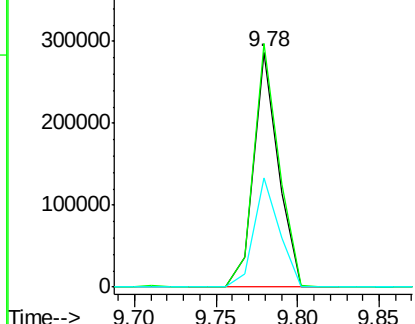


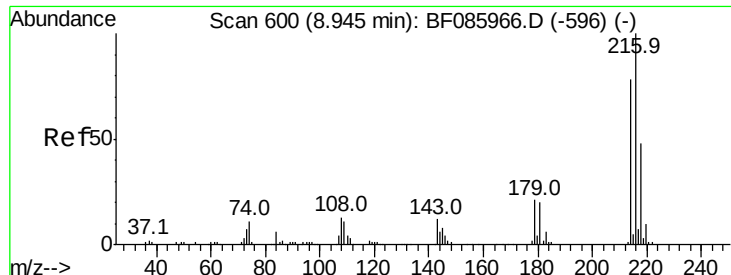
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.03 min
Lab File: BF086097.D
Acq: 6 Apr 2016 14:34

Tgt Ion:	164	Resp:	301251
Ion Ratio	Lower	Upper	
164	100		
162	103.7	82.1	123.1
160	46.8	37.4	56.2



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





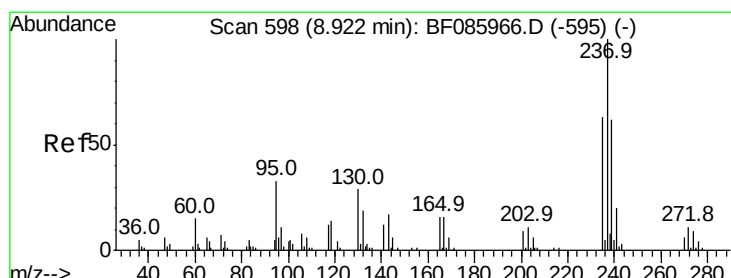
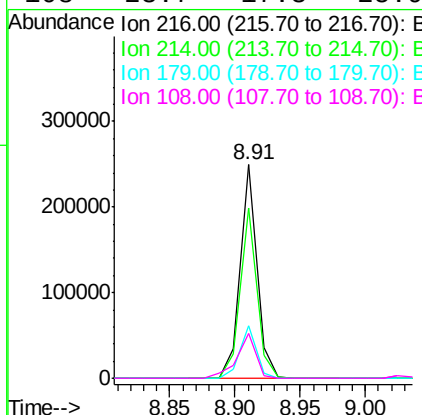
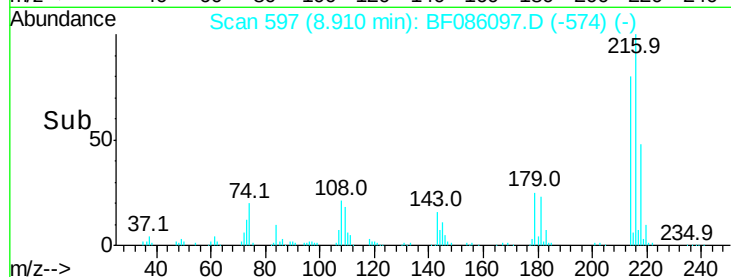
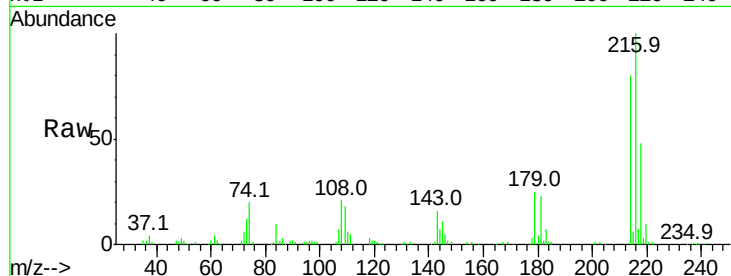
#39
1,2,4,5-Tetrachlorobenzene
Concen: 24.52 ng
RT: 8.91 min Scan# 597
Delta R.T. -0.03 min
Lab File: BF086097.D
Acq: 6 Apr 2016 14:34

Instrument :
BNA_F
ClientSampleId :
PB89567BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	222000		
214	79.3	63.1	94.7	
179	24.1	18.2	27.2	
108	23.7	17.3	25.9	

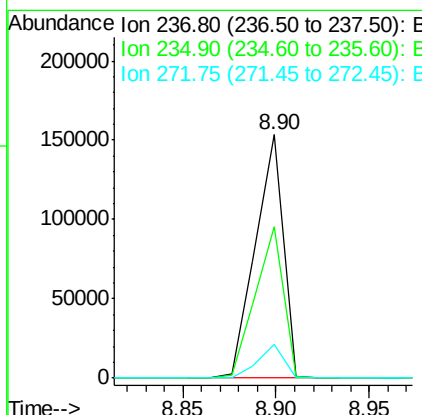
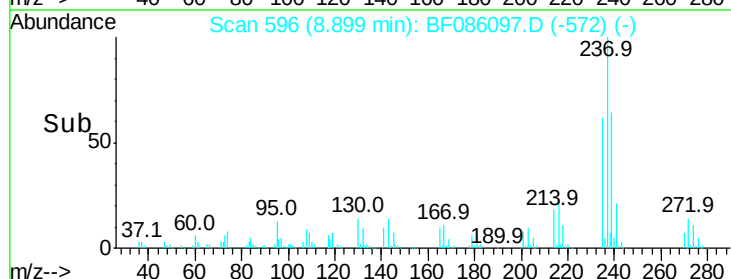
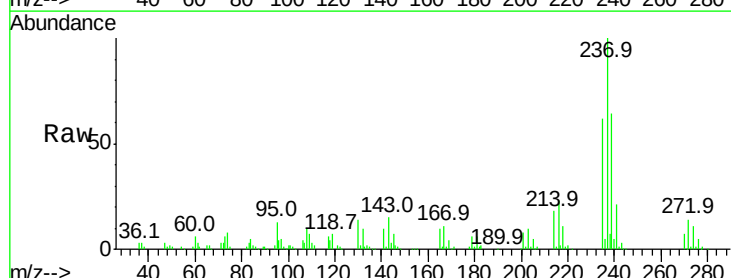
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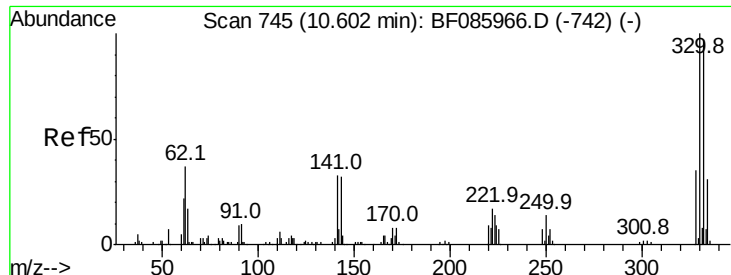
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#40
Hexachlorocyclopentadiene
Concen: 55.78 ng
RT: 8.90 min Scan# 596
Delta R.T. -0.02 min
Lab File: BF086097.D
Acq: 6 Apr 2016 14:34

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	158875		
235	62.2	43.7	83.7	
272	13.9	0.0	31.9	





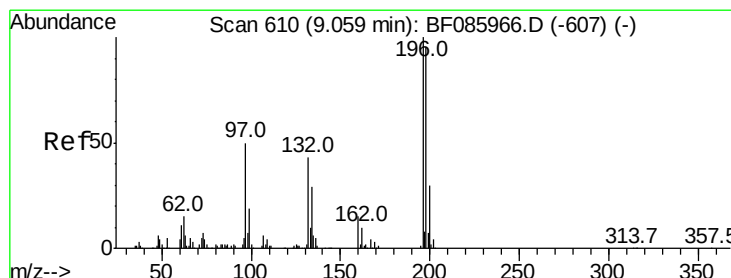
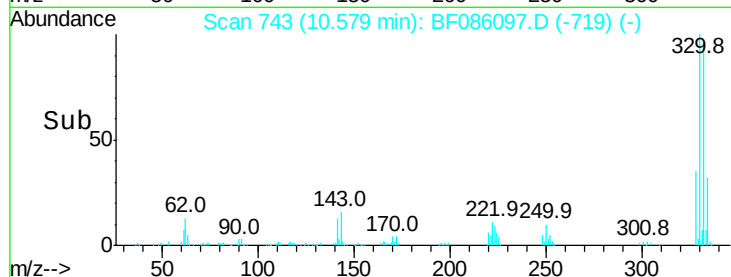
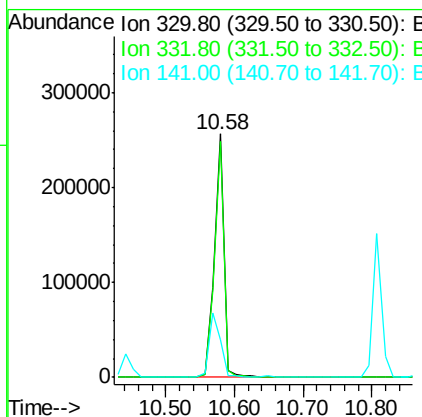
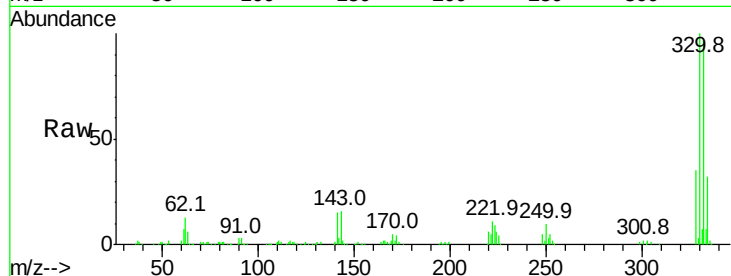
#41
 2,4,6-Tribromophenol
 Concen: 90.29 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.02 min
 Lab File: BF086097.D
 Acq: 6 Apr 2016 14:34

Instrument :
 BNA_F
 ClientSampleId :
 PB89567BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	255287		
332	96.8	78.2	117.2	
141	31.3	31.5	47.3	

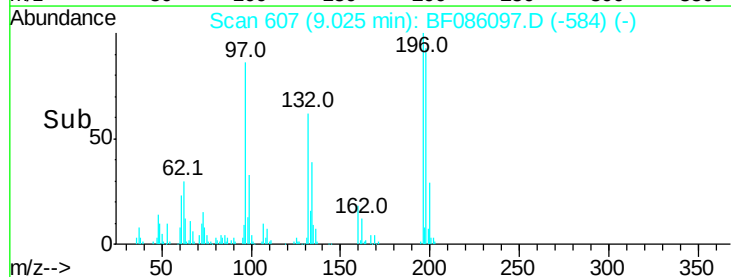
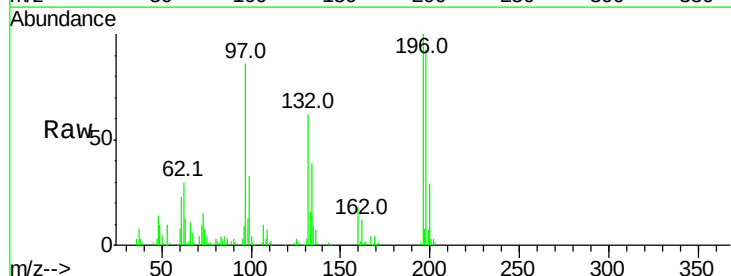
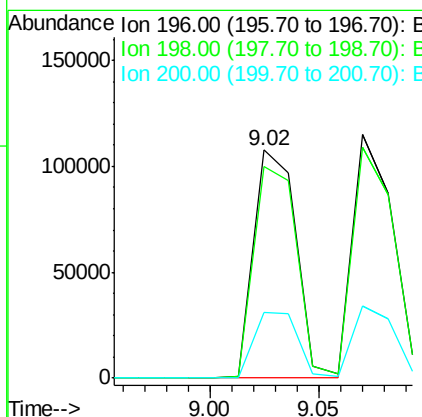
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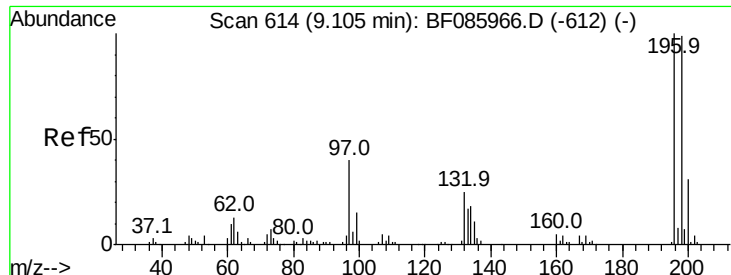
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#42
 2,4,6-Trichlorophenol
 Concen: 25.11 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.03 min
 Lab File: BF086097.D
 Acq: 6 Apr 2016 14:34

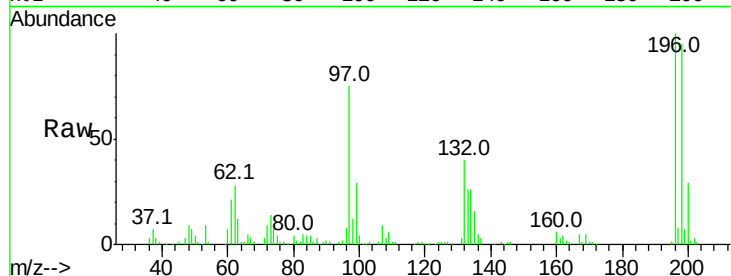
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	145980		
198	92.8	75.3	112.9	
200	28.8	23.7	35.5	





#43
 2,4,5-Trichlorophenol
 Concen: 25.86 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.03 min
 Lab File: BF086097.D
 Acq: 6 Apr 2016 14:34

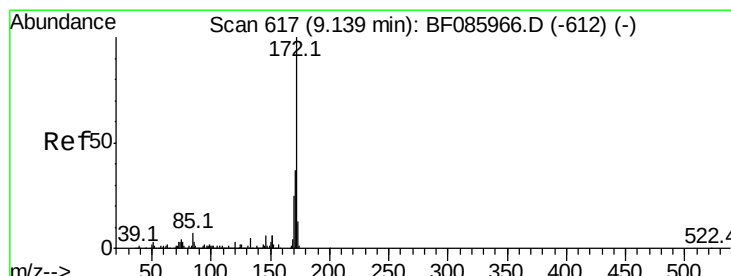
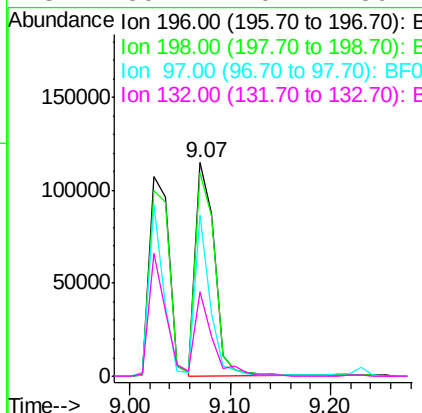
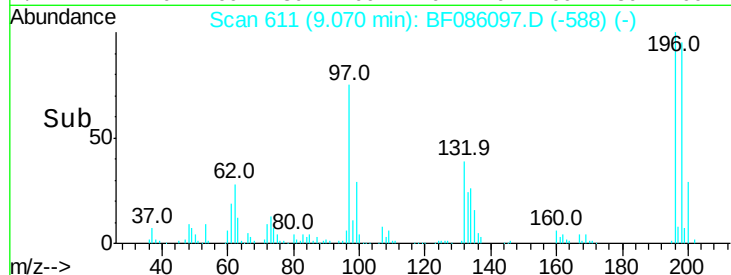
Instrument :
 BNA_F
 ClientSampleId :
 PB89567BS



Tot Ion:	196	Resp:	152643
Ion Ratio	Lower	Upper	
196	100		
198	95.0	76.6	114.8
97	75.2	30.5	45.7#
132	39.7	20.2	30.2#

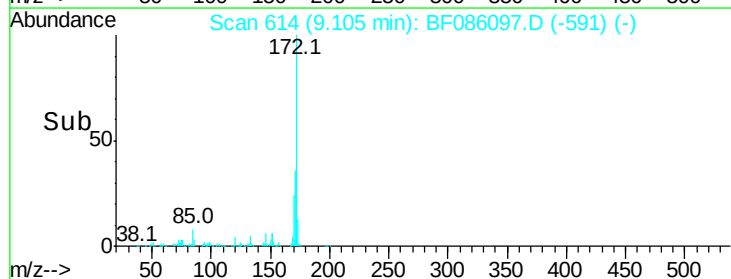
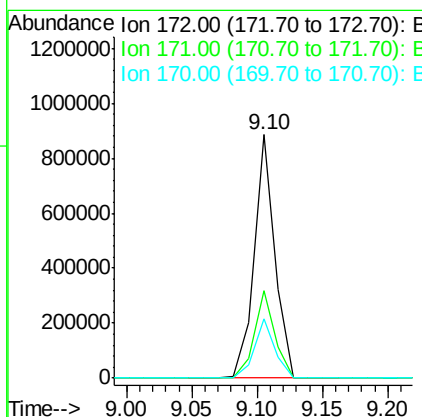
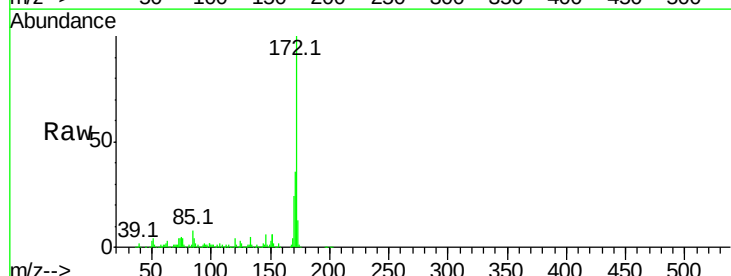
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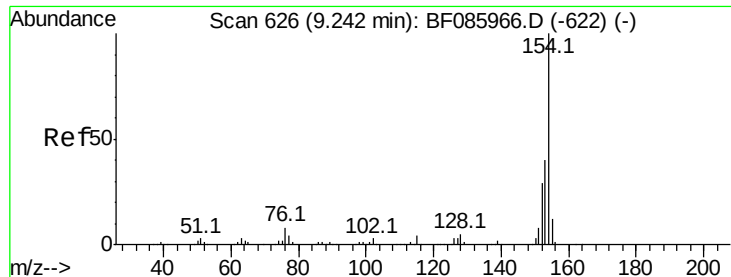
Sohil
 4/7/2016 8:59:01 AM



#44
 2-Fluorobiphenyl
 Concen: 53.84 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.03 min
 Lab File: BF086097.D
 Acq: 6 Apr 2016 14:34

Tgt Ion:	172	Resp:	975507
Ion Ratio	Lower	Upper	
172	100		
171	36.1	29.4	44.2
170	24.4	19.8	29.6





#45

1,1'-Biphenyl

Concen: 24.79 ng

RT: 9.21 min Scan# 623

Delta R.T. -0.03 min

Lab File: BF086097.D

Acq: 6 Apr 2016 14:34

Instrument :

BNA_F

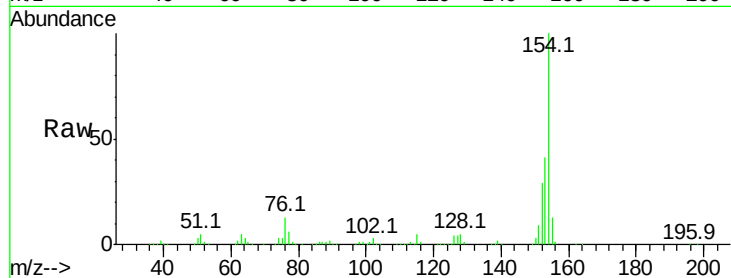
ClientSampleId :

PB89567BS

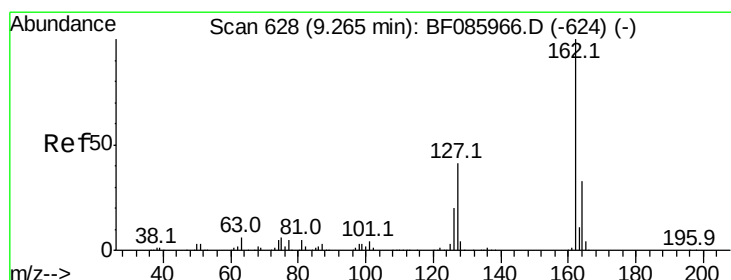
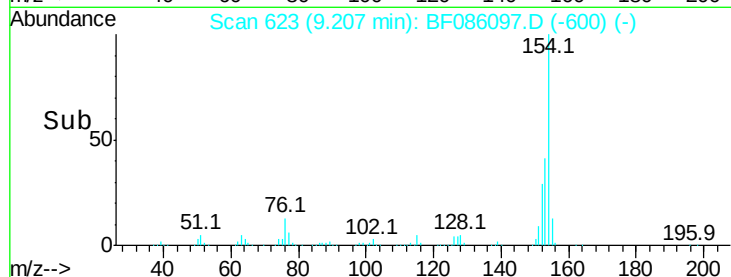
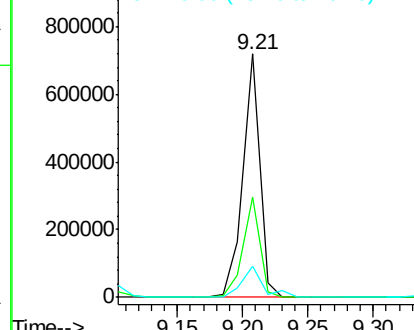
Tot Ion:	154	Resp:	643939
Ion Ratio	Lower	Upper	
154	100		
153	41.1	20.8	60.8
76	12.8	0.0	36.7

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 25.32 ng

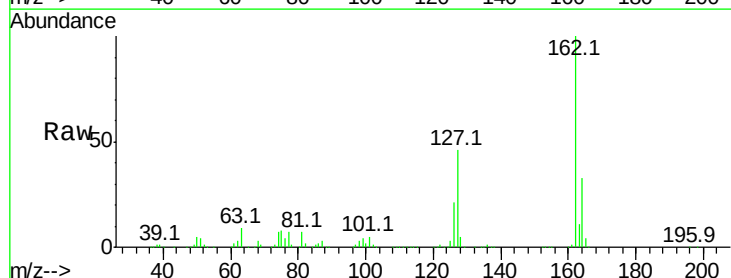
RT: 9.23 min Scan# 625

Delta R.T. -0.03 min

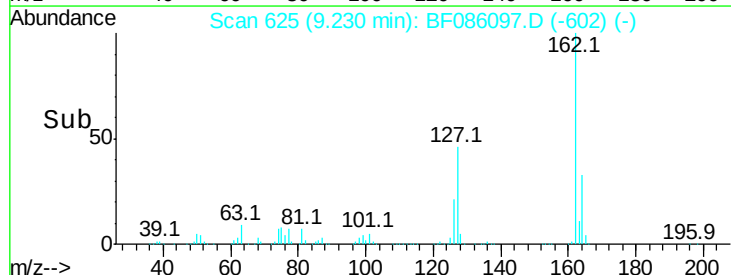
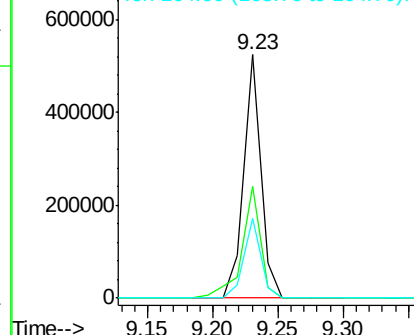
Lab File: BF086097.D

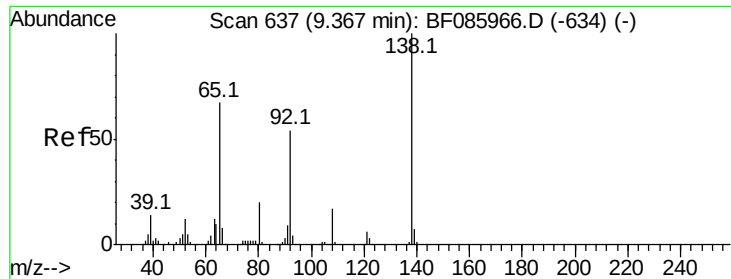
Acq: 6 Apr 2016 14:34

Tgt Ion:	162	Resp:	476680
Ion Ratio	Lower	Upper	
162	100		
127	46.1	31.7	47.5
164	32.9	27.3	40.9



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





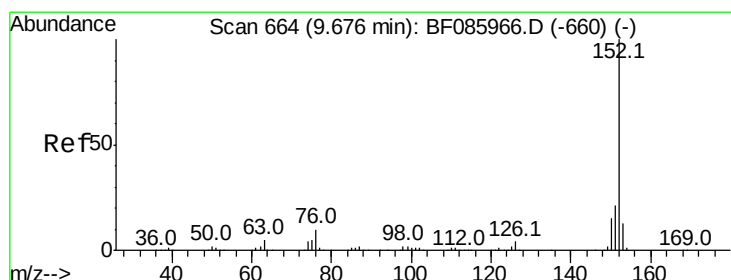
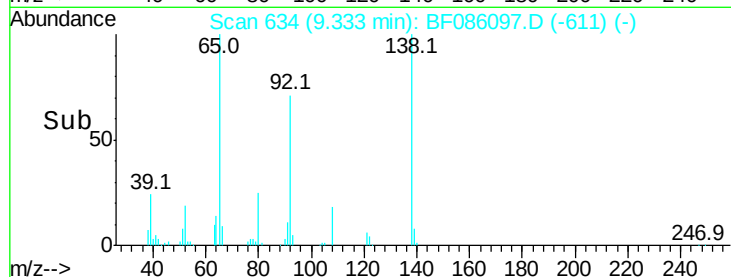
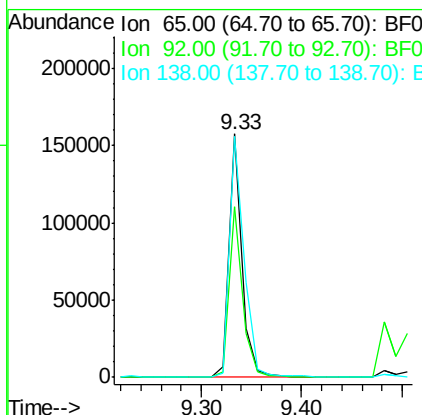
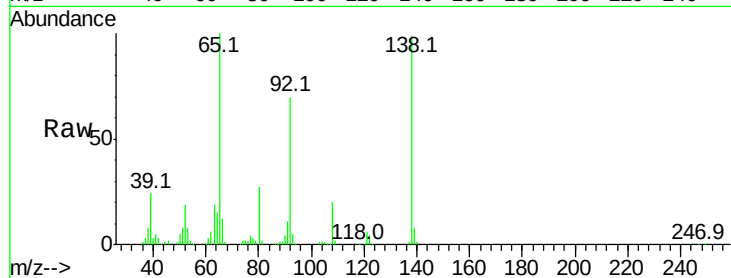
#47
2-Nitroaniline
Concen: 25.59 ng
RT: 9.33 min Scan# 634
Delta R.T. -0.03 min
Lab File: BF086097.D
Acq: 6 Apr 2016 14:34

Instrument :
BNA_F
ClientSampleId :
PB89567BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	70.2	59.7	89.5
138	99.2	91.4	137.0

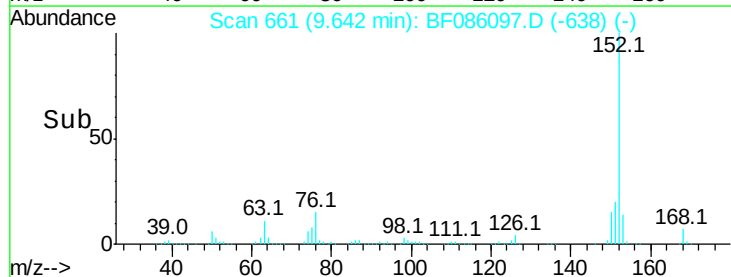
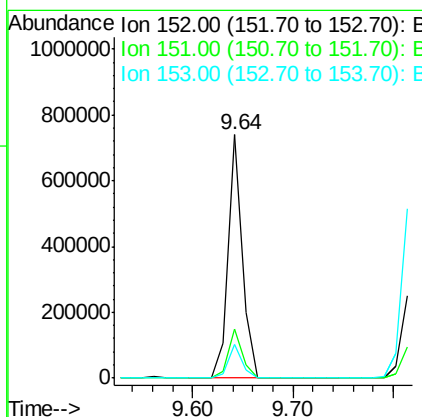
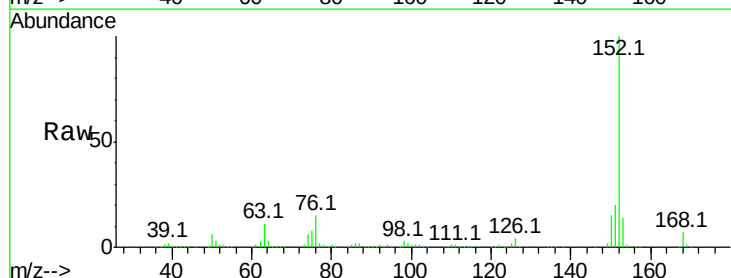
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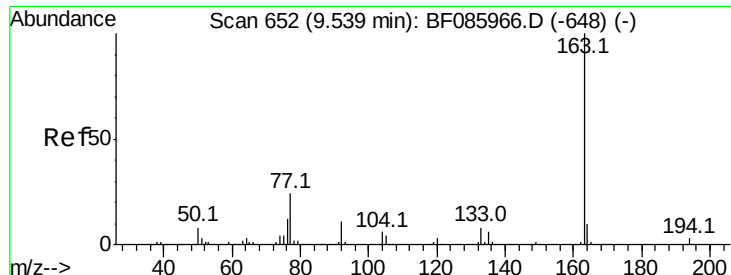
Sohil
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#48
Acenaphthylene
Concen: 23.97 ng
RT: 9.64 min Scan# 661
Delta R.T. -0.03 min
Lab File: BF086097.D
Acq: 6 Apr 2016 14:34

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.8	25.2
153	13.7	10.9	16.3





#49

Dimethylphthalate

Concen: 26.59 ng

RT: 9.52 min Scan# 650

Delta R.T. -0.02 min

Lab File: BF086097.D

Acq: 6 Apr 2016 14:34

Instrument :

BNA_F

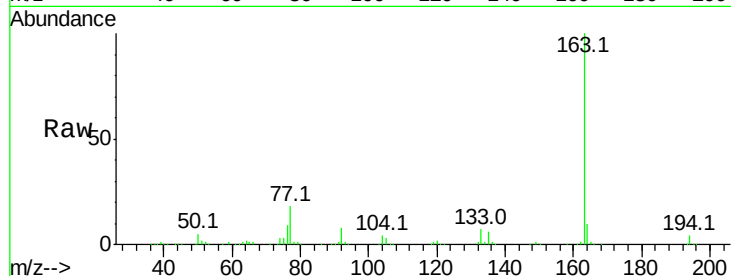
ClientSampleId :

PB89567BS

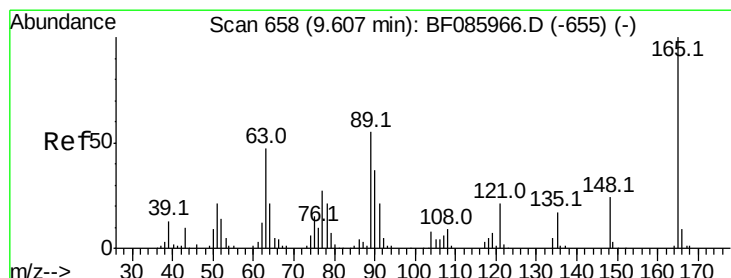
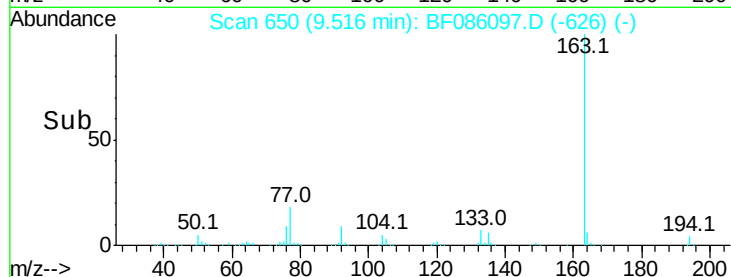
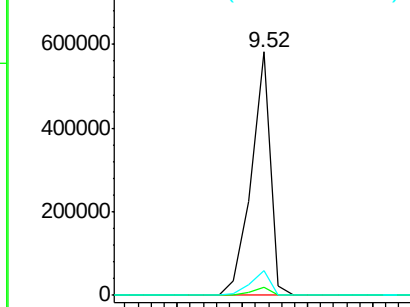
Tot Ion:	163	Resp:	593687
Ion Ratio	Lower	Upper	
163	100		
194	3.6	2.9	4.3
164	10.1	8.3	12.5

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Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 25.14 ng

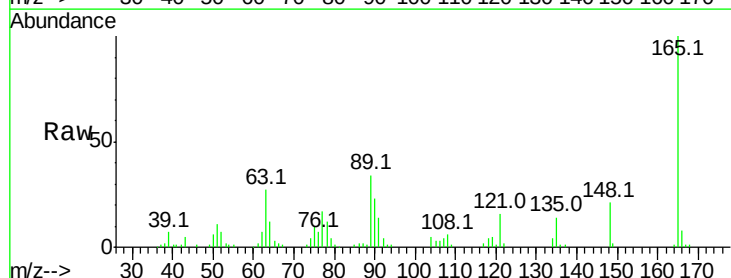
RT: 9.58 min Scan# 656

Delta R.T. -0.02 min

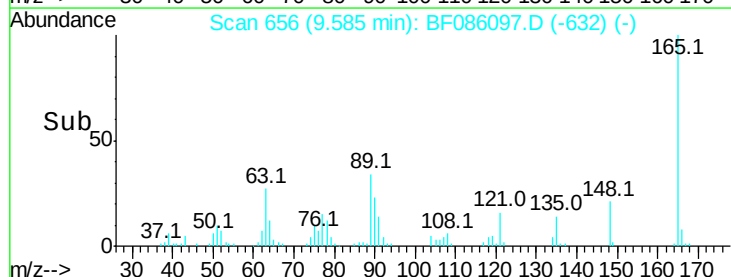
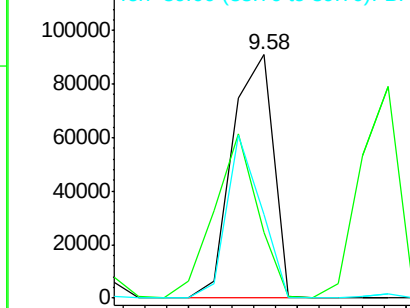
Lab File: BF086097.D

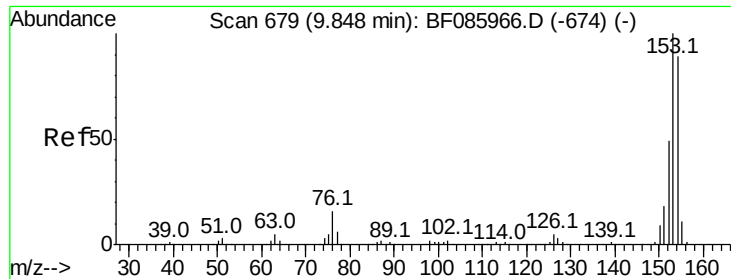
Acq: 6 Apr 2016 14:34

Tgt Ion:	165	Resp:	118749
Ion Ratio	Lower	Upper	
165	100		
63	26.9	51.8	77.8#
89	34.5	53.7	80.5#



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





#51

Acenaphthene

Concen: 23.97 ng

RT: 9.81 min Scan# 676

Delta R.T. -0.03 min

Lab File: BF086097.D

Acq: 6 Apr 2016 14:34

Instrument :

BNA_F

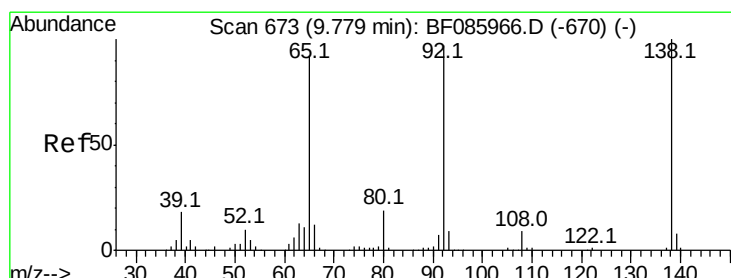
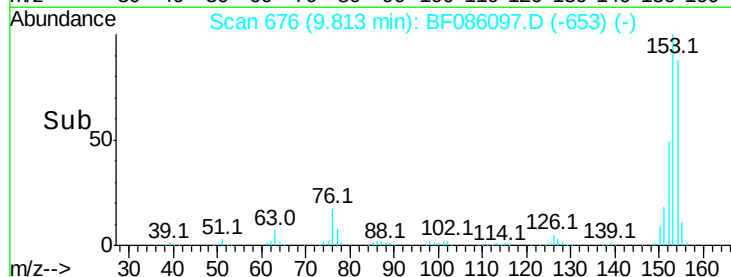
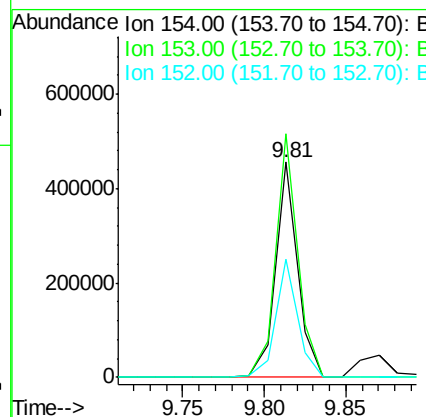
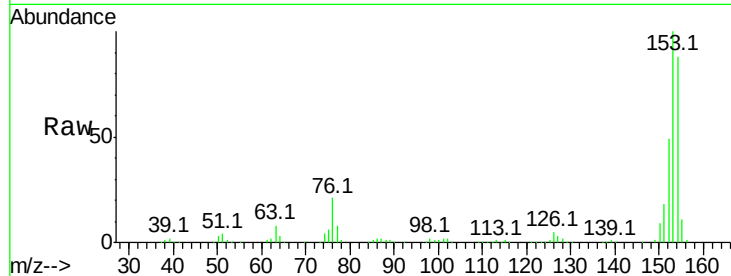
ClientSampleId :

PB89567BS

Tot Ion:	154	Resp:	430034
Ion Ratio	Lower	Upper	
154	100		
153	113.1	90.1	135.1
152	55.1	44.2	66.2

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#52

3-Nitroaniline

Concen: 10.54 ng

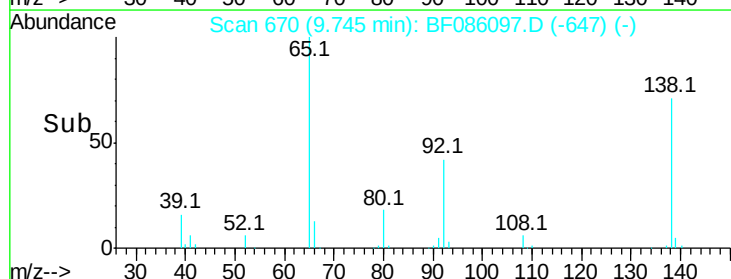
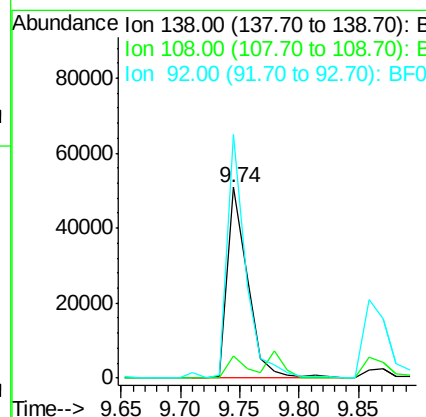
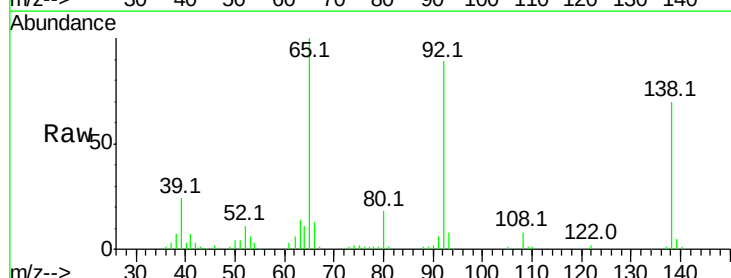
RT: 9.74 min Scan# 670

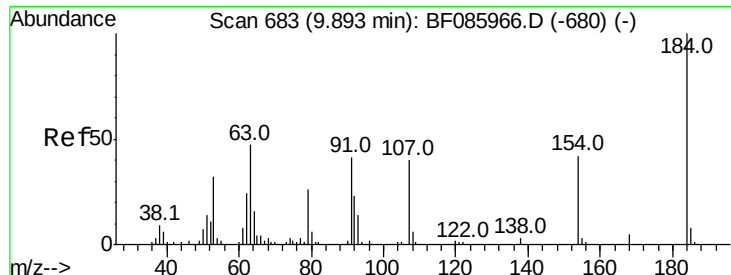
Delta R.T. -0.03 min

Lab File: BF086097.D

Acq: 6 Apr 2016 14:34

Tgt Ion:	138	Resp:	60031
Ion Ratio	Lower	Upper	
138	100		
108	11.4	8.7	13.1
92	127.8	93.3	139.9





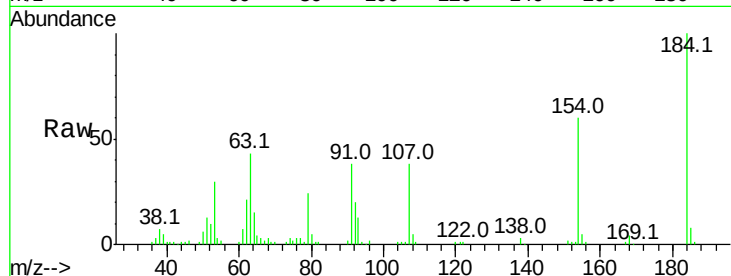
#53
 2,4-Dinitrophenol
 Concen: 47.68 ng
 RT: 9.87 min Scan# 681
 Delta R.T. -0.02 min
 Lab File: BF086097.D
 Acq: 6 Apr 2016 14:34

Instrument :
 BNA_F
 ClientSampleId :
 PB89567BS

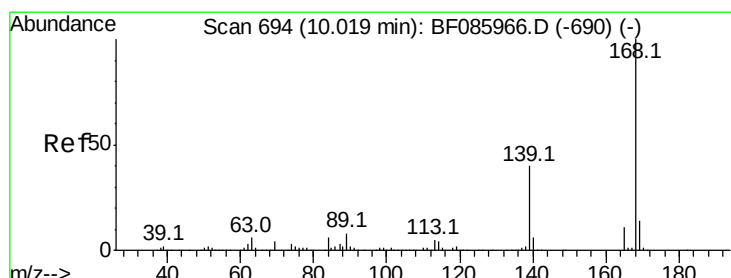
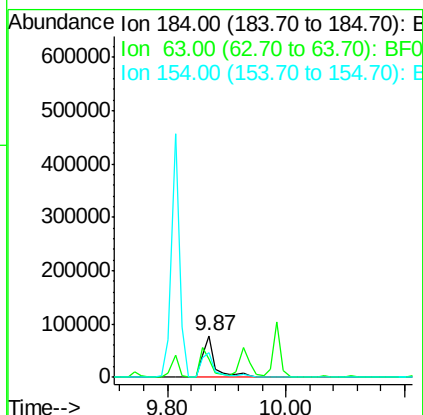
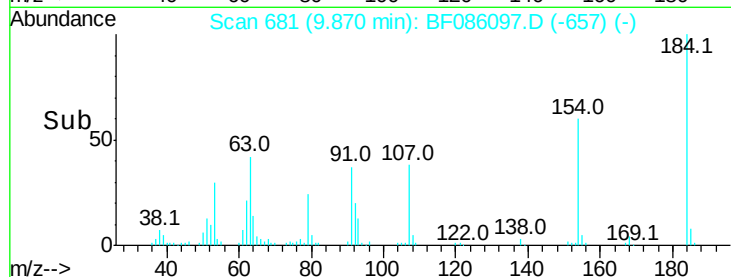
Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	43.1	69.5	104.3	#
154	60.0	58.3	87.5	

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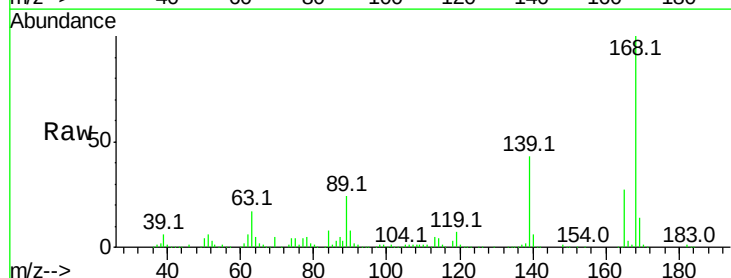


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

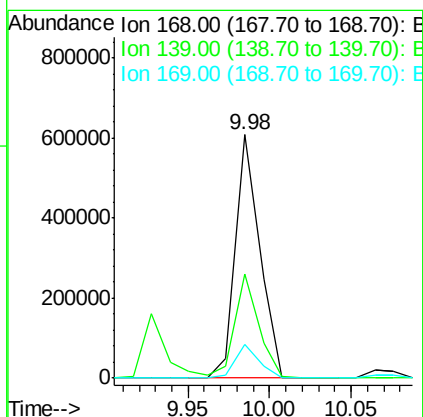
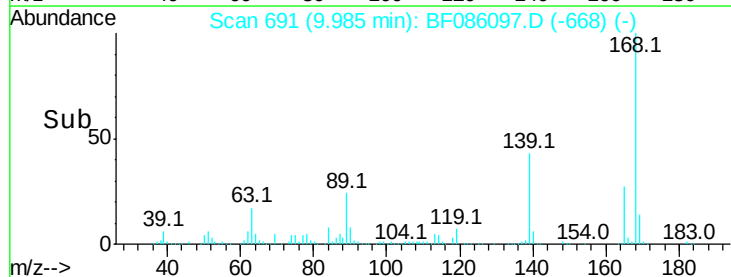


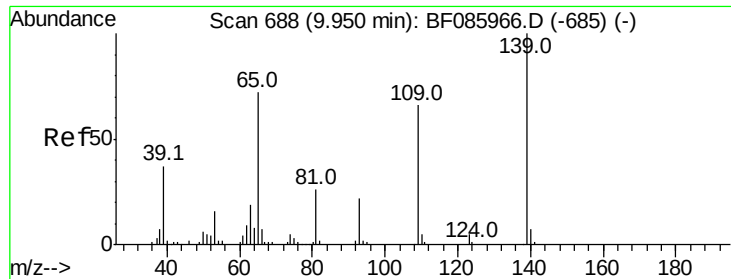
#54
 Dibenzofuran
 Concen: 26.43 ng
 RT: 9.98 min Scan# 691
 Delta R.T. -0.03 min
 Lab File: BF086097.D
 Acq: 6 Apr 2016 14:34

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	43.0	31.9	47.9	
169	13.9	11.0	16.6	



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E





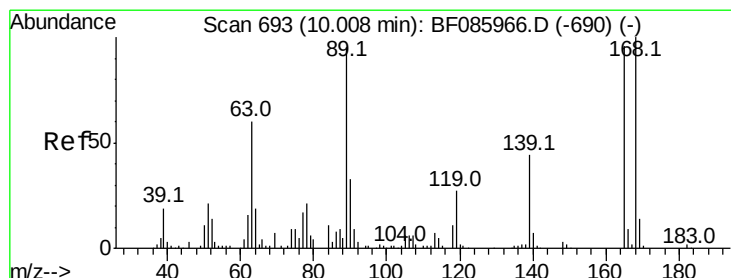
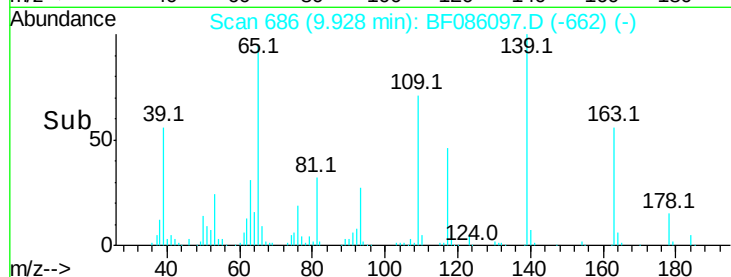
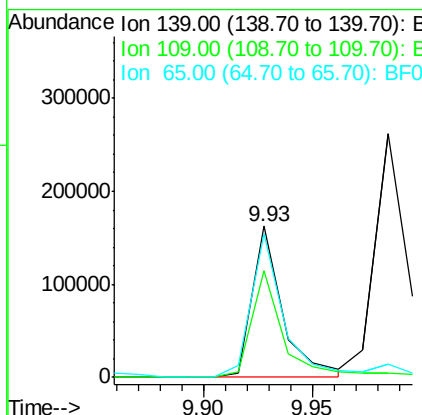
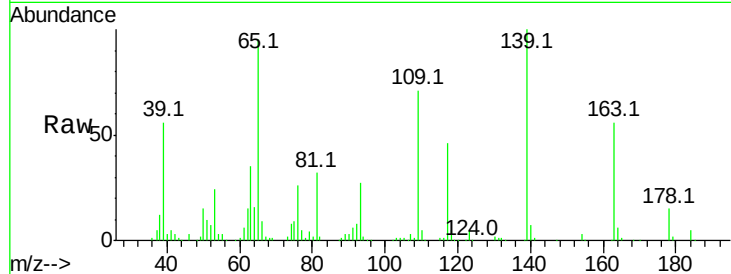
#55
4-Nitrophenol
Concen: 47.39 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.02 min
Lab File: BF086097.D
Acq: 6 Apr 2016 14:34

Instrument :
BNA_F
ClientSampleId :
PB89567BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	159054		
109	70.9	49.2	89.2	
65	95.0	66.9	106.9	

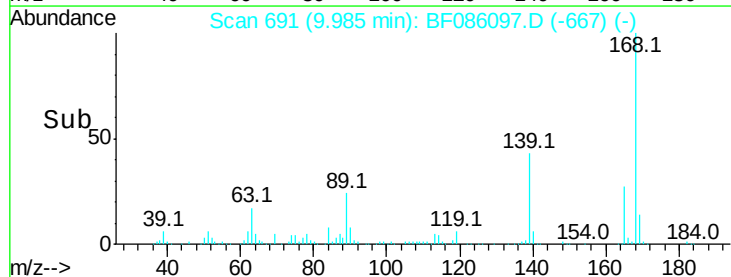
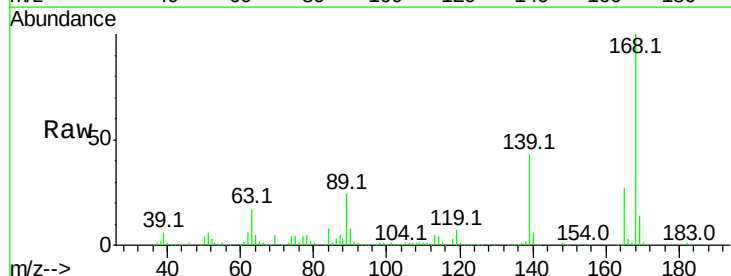
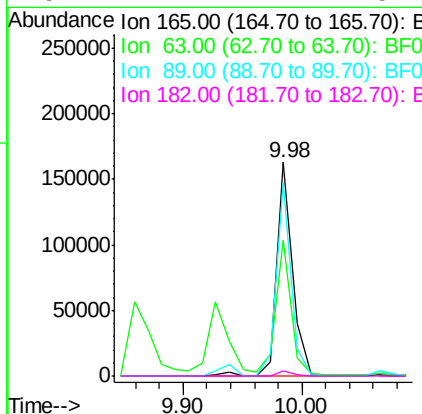
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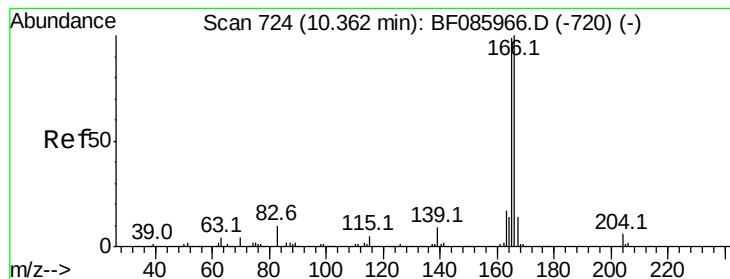
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#56
2,4-Dinitrotoluene
Concen: 25.14 ng
RT: 9.98 min Scan# 691
Delta R.T. -0.02 min
Lab File: BF086097.D
Acq: 6 Apr 2016 14:34

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	150081		
63	63.5	24.9	37.3#	
89	90.5	41.0	61.6#	
182	2.4	2.1	3.1	





#57

Fluorene

Concen: 23.47 ng

RT: 10.33 min Scan# 721

Delta R.T. -0.03 min

Lab File: BF086097.D

Acq: 6 Apr 2016 14:34

Instrument :

BNA_F

ClientSampleId :

PB89567BS

Tot Ion:166 Resp: 474979

Ion Ratio Lower Upper

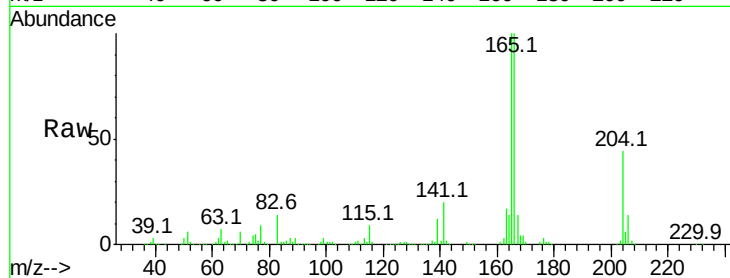
166 100

165 99.8 79.4 119.0

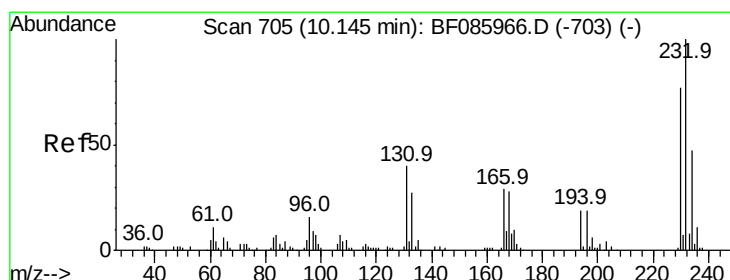
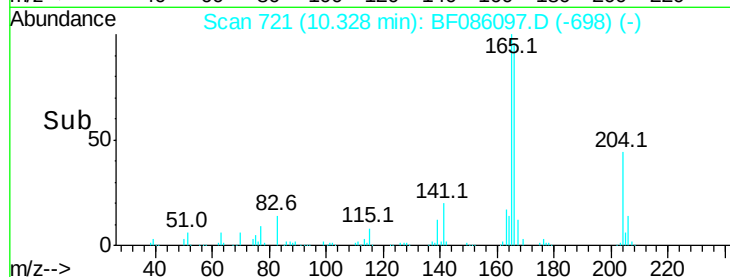
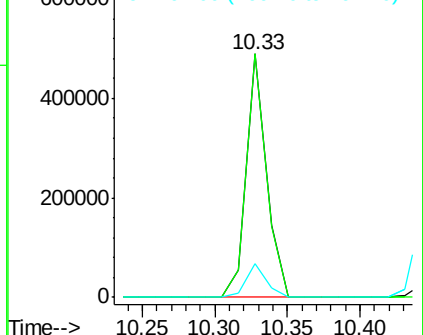
167 13.8 11.0 16.4

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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 27.14 ng

RT: 10.11 min Scan# 702

Delta R.T. -0.03 min

Lab File: BF086097.D

Acq: 6 Apr 2016 14:34

Tgt Ion:232 Resp: 119302

Ion Ratio Lower Upper

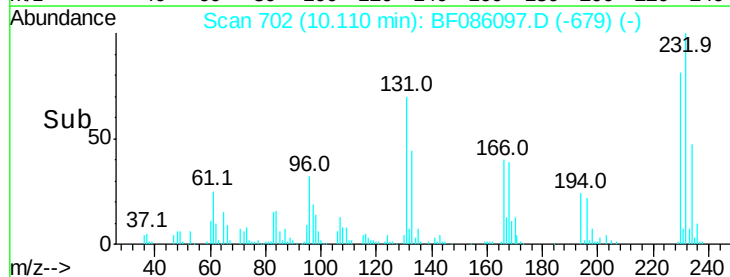
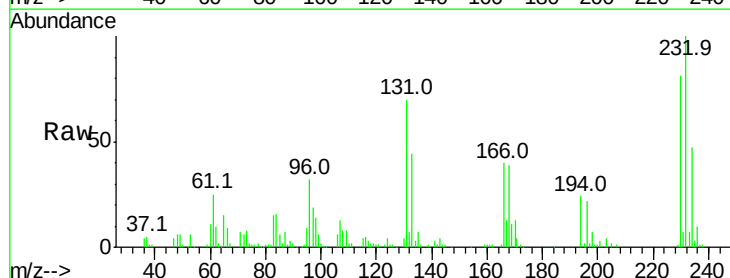
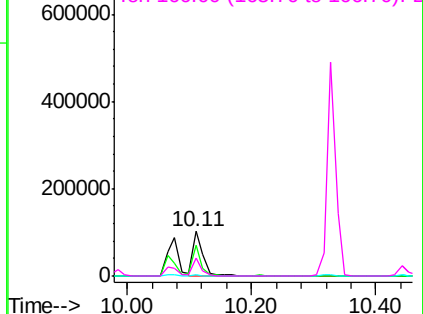
232 100

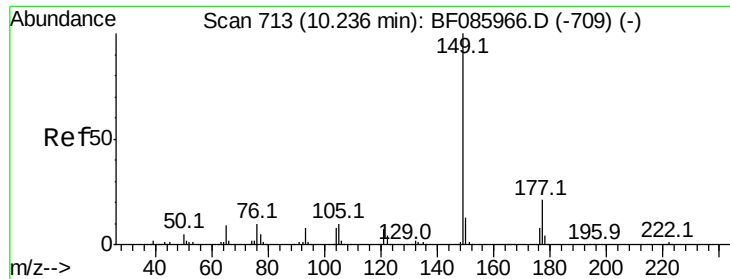
131 58.4 44.9 67.3

130 2.9 2.3 3.5

166 34.1 28.1 42.1

Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





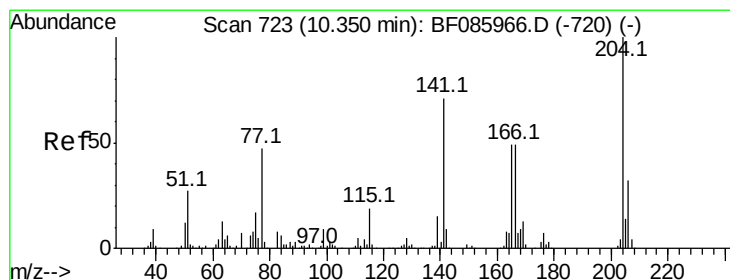
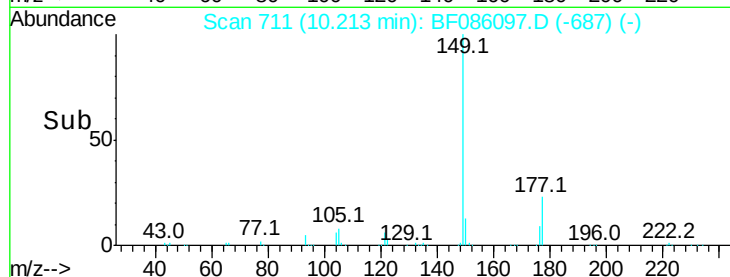
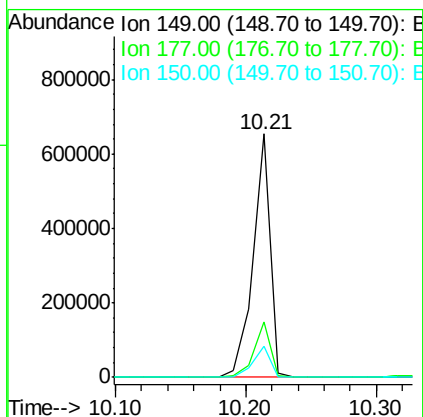
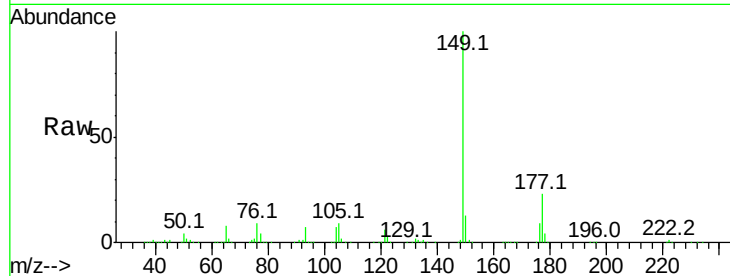
#59
Diethylphthalate
Concen: 26.52 ng
RT: 10.21 min Scan# 711
Delta R.T. -0.02 min
Lab File: BF086097.D
Acq: 6 Apr 2016 14:34

Instrument :
BNA_F
ClientSampleId :
PB89567BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	597685		
177	22.7		17.9	26.9
150	12.8		10.2	15.2

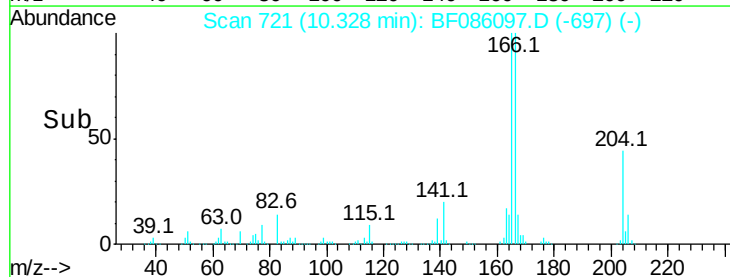
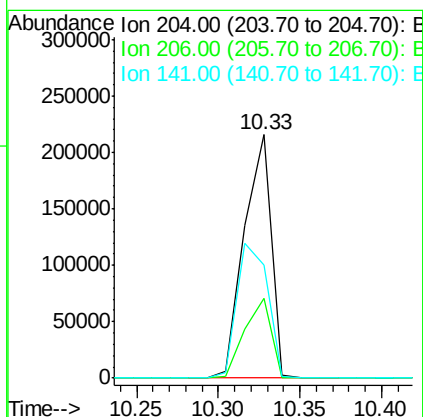
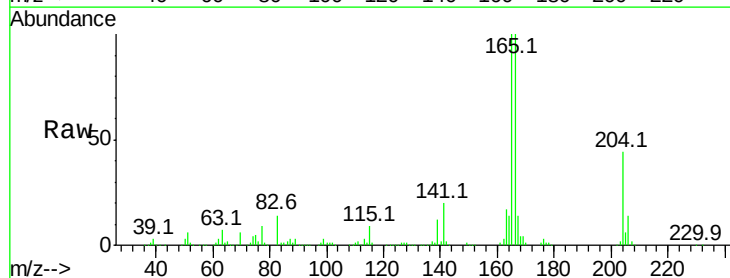
Manual Integrations
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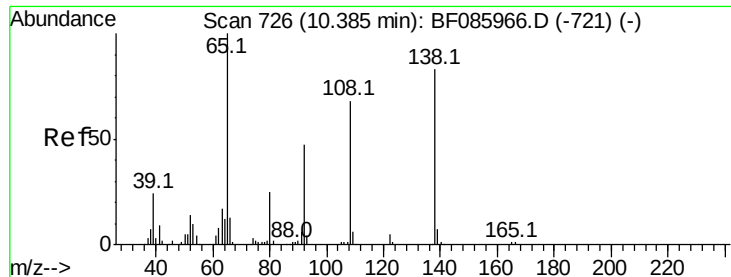
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#60
4-Chlorophenyl-phenylether
Concen: 26.17 ng
RT: 10.33 min Scan# 721
Delta R.T. -0.02 min
Lab File: BF086097.D
Acq: 6 Apr 2016 14:34

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	246695		
206	32.8		26.6	39.8
141	46.2		57.4	86.0#





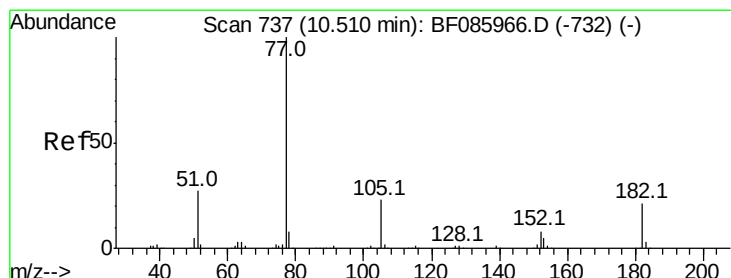
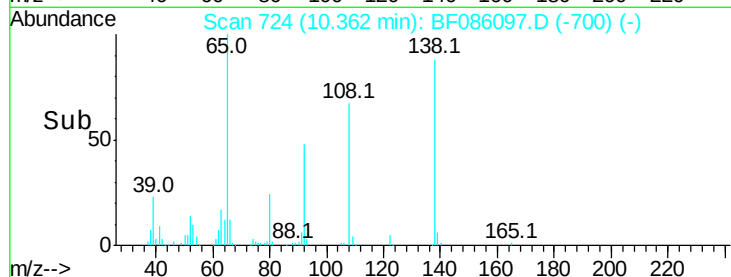
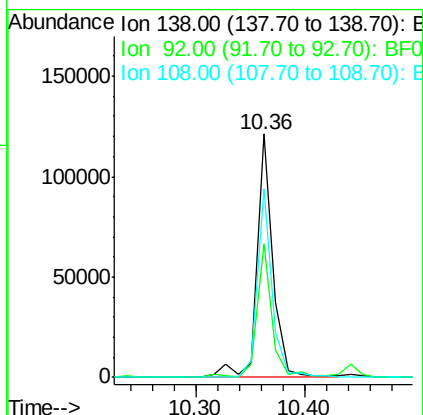
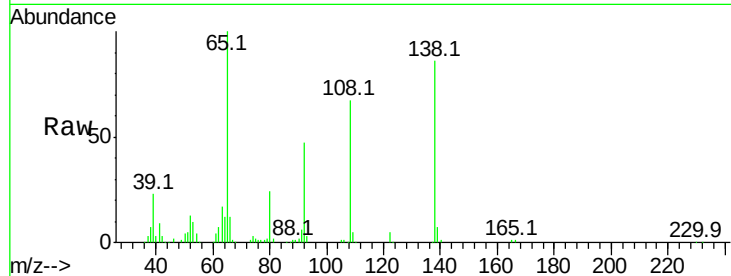
#61
4-Nitroaniline
Concen: 22.40 ng
RT: 10.36 min Scan# 724
Delta R.T. -0.02 min
Lab File: BF086097.D
Acq: 6 Apr 2016 14:34

Instrument :
BNA_F
ClientSampleId :
PB89567BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	54.7	26.4	66.4
108	77.3	49.0	89.0

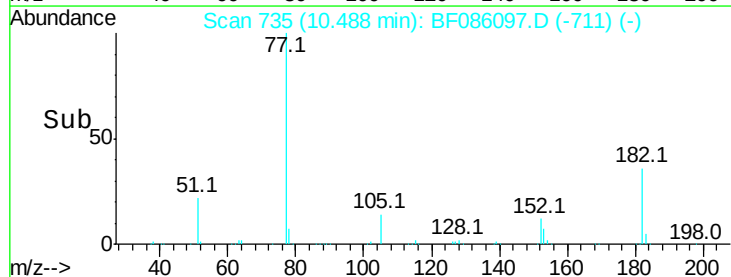
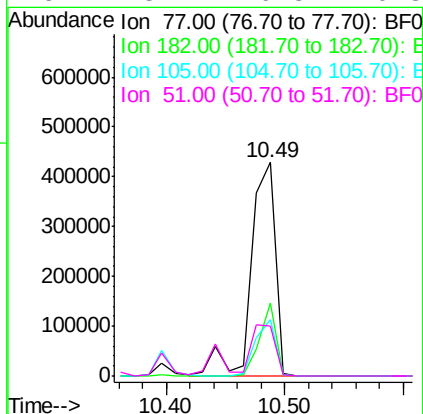
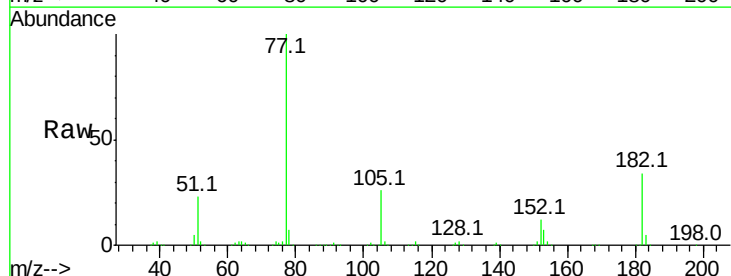
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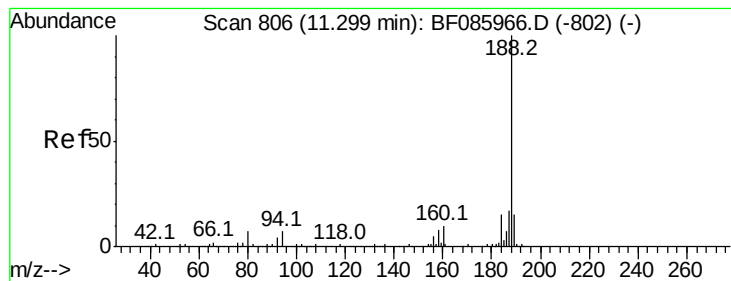
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#62
Azobenzene
Concen: 28.65 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.02 min
Lab File: BF086097.D
Acq: 6 Apr 2016 14:34

Tgt Ion	Ratio	Lower	Upper
77	100		
182	34.2	1.9	41.9
105	26.3	3.5	43.5
51	23.4	6.3	46.3





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.26 min Scan# 803

Delta R.T. -0.03 min

Lab File: BF086097.D

Acq: 6 Apr 2016 14:34

Instrument :

BNA_F

ClientSampleId :

PB89567BS

Tot Ion:188 Resp: 578567

Ion Ratio Lower Upper

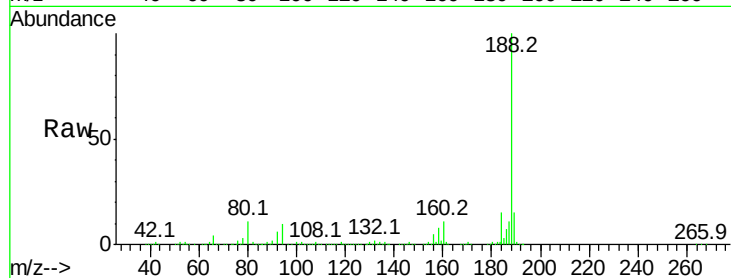
188 100

94 10.5 5.4 8.0#

80 11.3 5.5 8.3#

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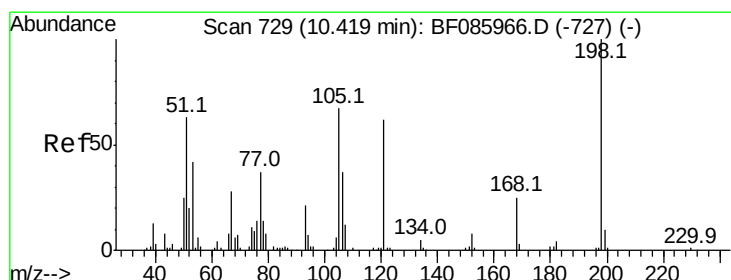
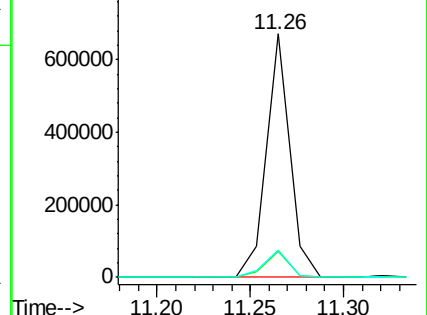
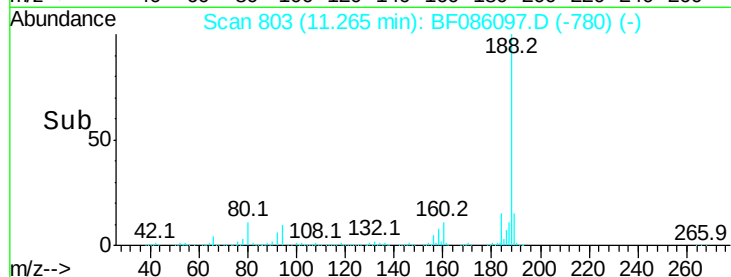
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 24.50 ng

RT: 10.40 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF086097.D

Acq: 6 Apr 2016 14:34

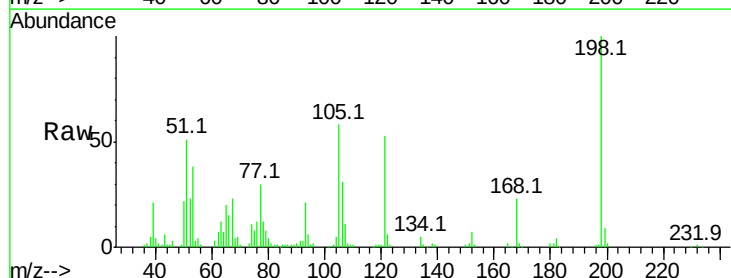
Tgt Ion:198 Resp: 85895

Ion Ratio Lower Upper

198 100

51 51.0 45.4 85.4

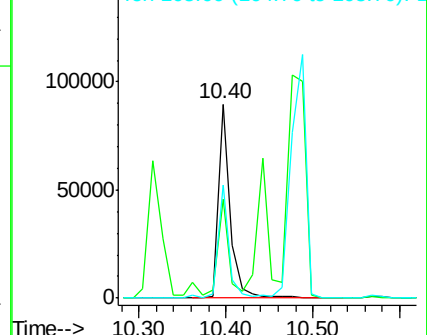
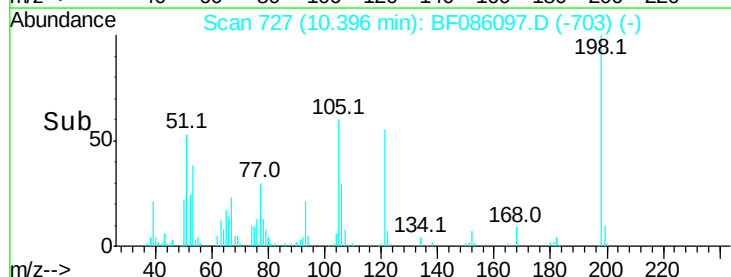
105 58.0 45.9 85.9

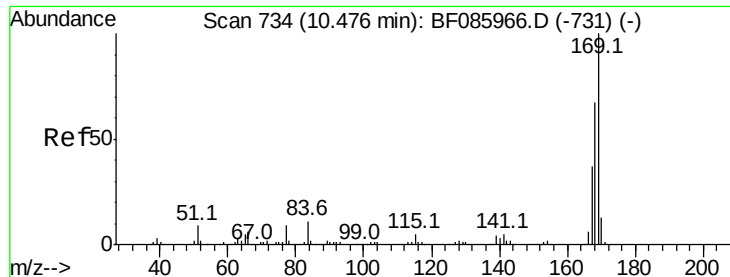


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





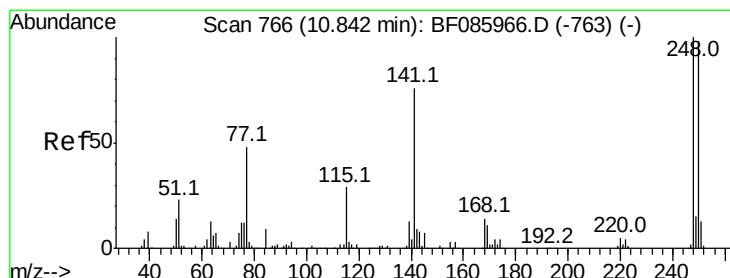
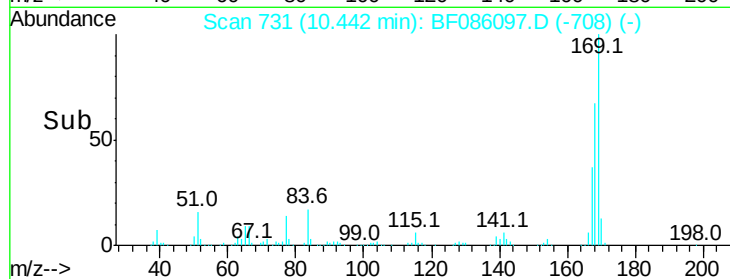
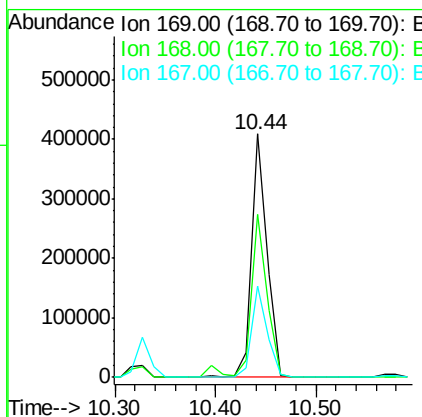
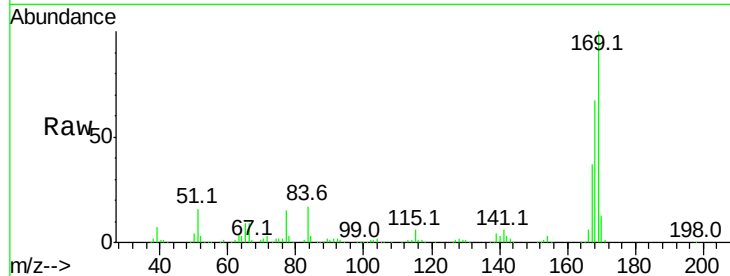
#65
n-Nitrosodiphenylamine
Concen: 23.94 ng
RT: 10.44 min Scan# 731
Delta R.T. -0.03 min
Lab File: BF086097.D
Acq: 6 Apr 2016 14:34

Instrument :
BNA_F
ClientSampleId :
PB89567BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	433104		
168	67.0		54.4	81.6
167	37.4		29.4	44.0

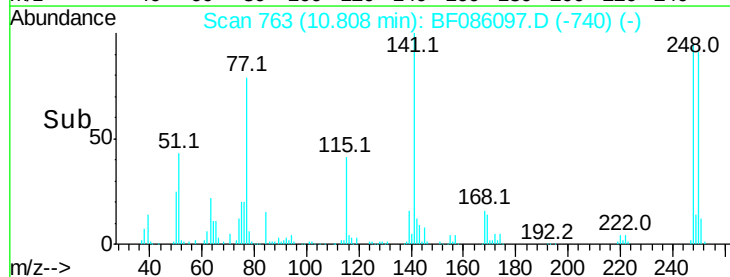
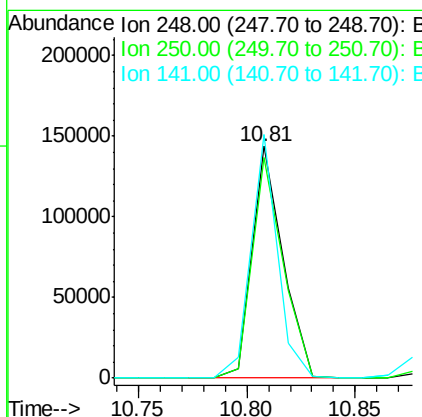
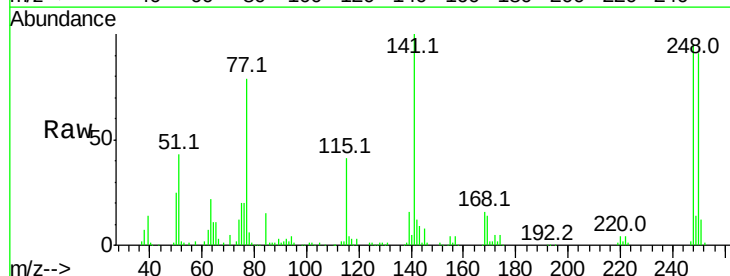
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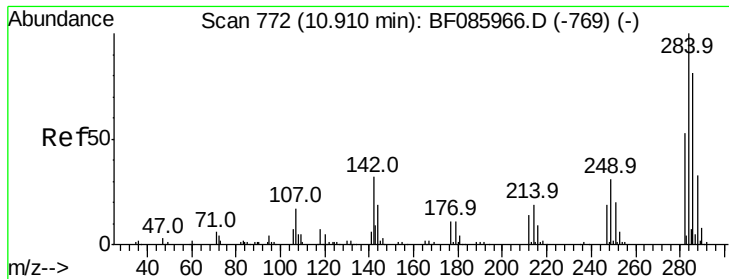
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#66
4-Bromophenyl-phenylether
Concen: 23.94 ng
RT: 10.81 min Scan# 763
Delta R.T. -0.03 min
Lab File: BF086097.D
Acq: 6 Apr 2016 14:34

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	141439		
250	95.3		77.4	116.0
141	105.0		63.6	95.4#





#67

Hexachlorobenzene

Concen: 24.64 ng

RT: 10.88 min Scan# 769

Delta R.T. -0.03 min

Lab File: BF086097.D

Acq: 6 Apr 2016 14:34

Instrument :

BNA_F

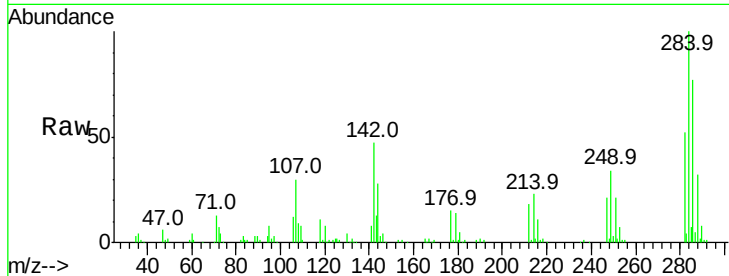
ClientSampleId :

PB89567BS

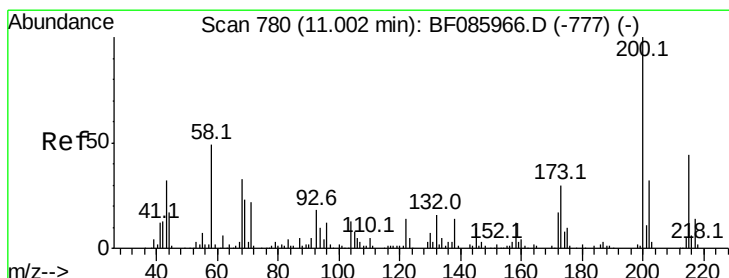
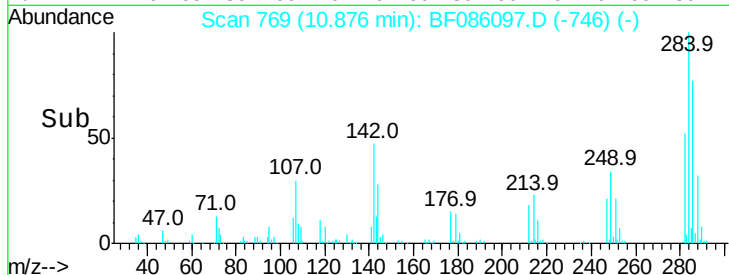
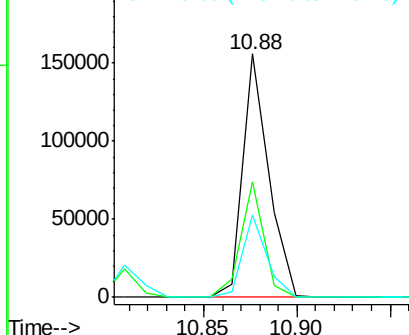
Tot Ion:	284	Resp:	150497
Ion Ratio		Lower	Upper
284	100		
142	47.3	23.1	34.7#
249	33.7	24.2	36.2

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



#68

Atrazine

Concen: 28.11 ng

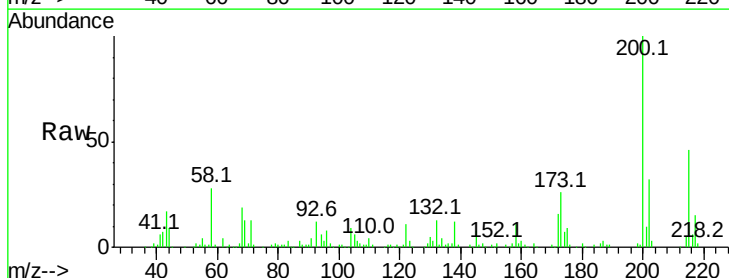
RT: 10.98 min Scan# 778

Delta R.T. -0.02 min

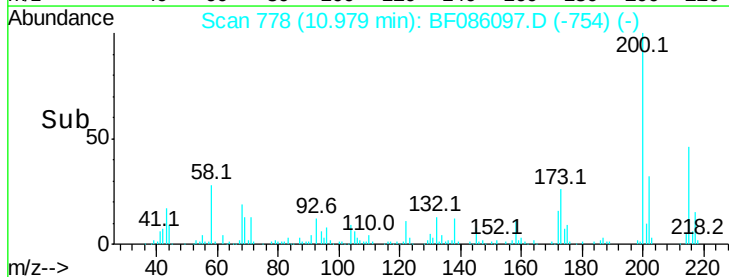
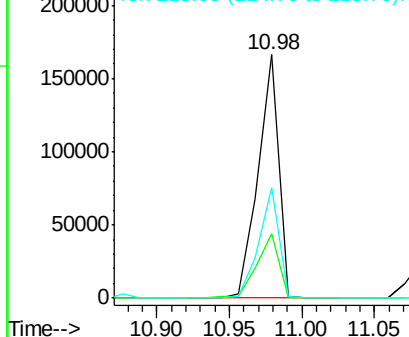
Lab File: BF086097.D

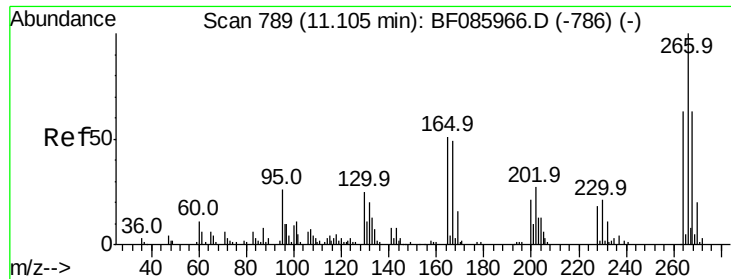
Acq: 6 Apr 2016 14:34

Tgt Ion:	200	Resp:	164316
Ion Ratio		Lower	Upper
200	100		
173	26.4	7.7	47.7
215	45.5	25.4	65.4



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





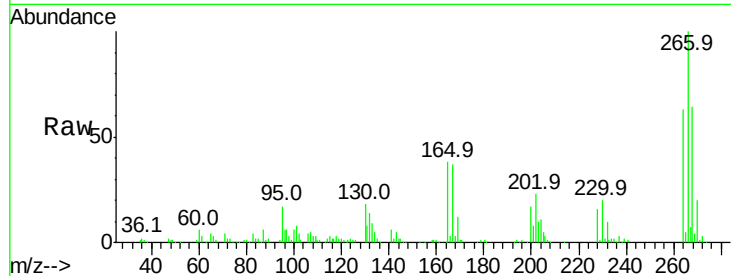
#69
 Pentachlorophenol
 Concen: 50.78 ng
 RT: 11.08 min Scan# 787
 Delta R.T. -0.02 min
 Lab File: BF086097.D
 Acq: 6 Apr 2016 14:34

Instrument :
 BNA_F
 ClientSampleId :
 PB89567BS

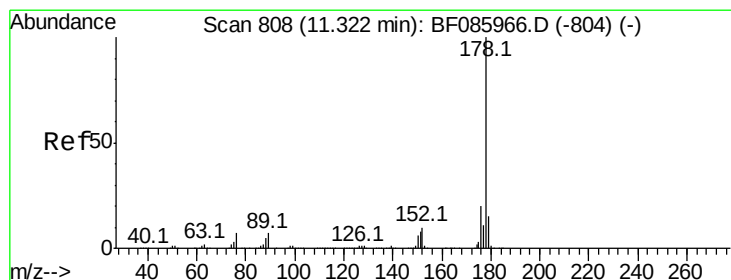
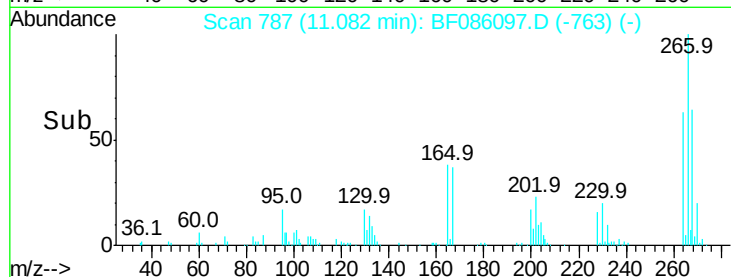
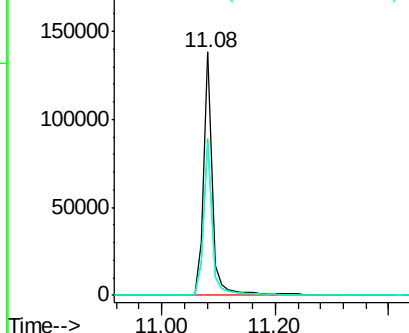
Tot Ion	Ratio	Resp	Lower	Upper
266	100	145382		
268	64.2	51.5	77.3	
264	62.6	50.6	76.0	

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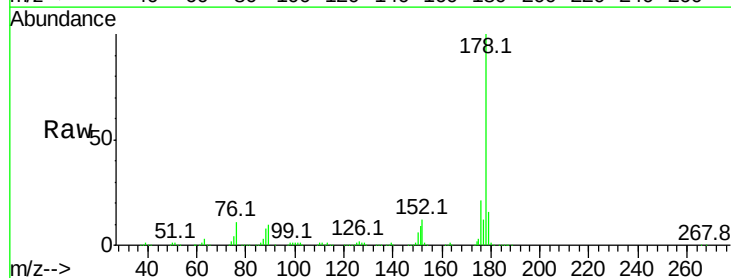


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

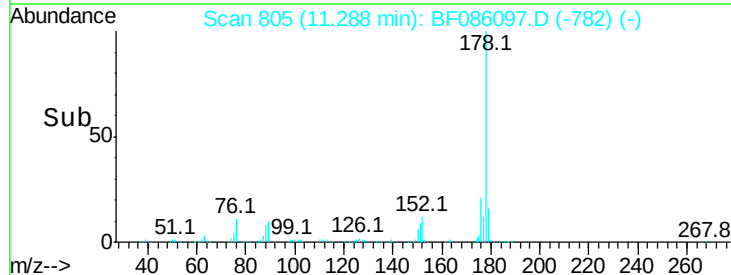
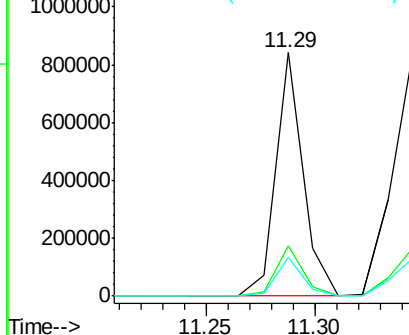


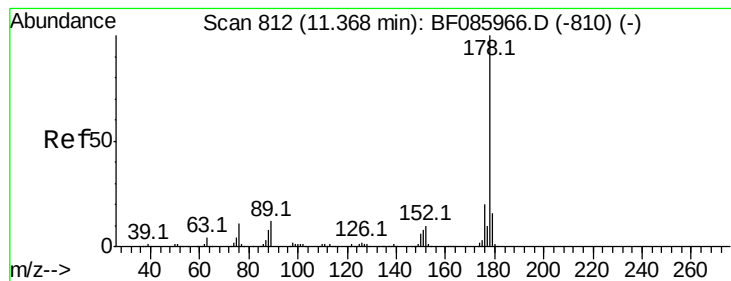
#70
 Phenanthrene
 Concen: 23.56 ng
 RT: 11.29 min Scan# 805
 Delta R.T. -0.03 min
 Lab File: BF086097.D
 Acq: 6 Apr 2016 14:34

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	743551		
176	20.6	16.3	24.5	
179	15.9	12.6	18.8	



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





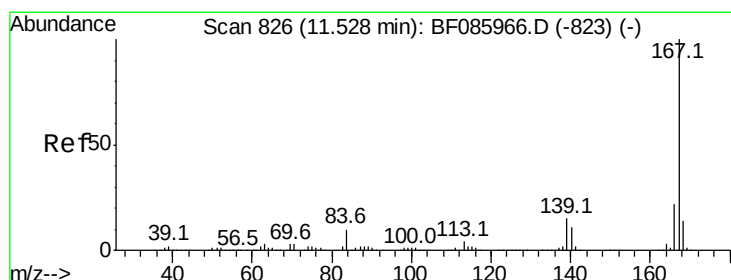
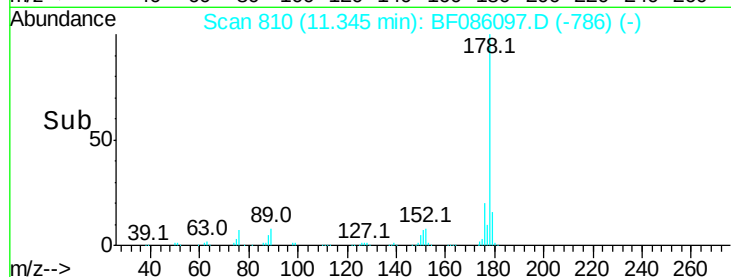
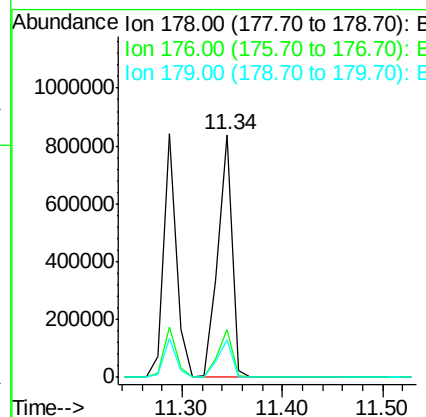
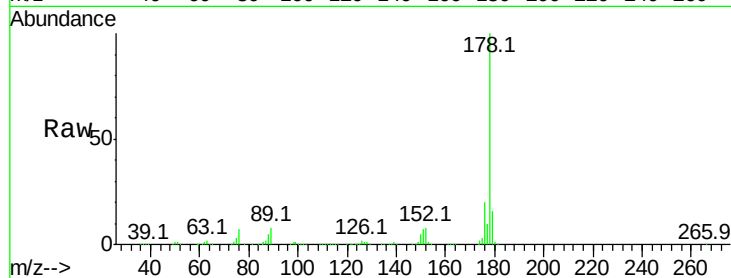
#71
 Anthracene
 Concen: 25.17 ng
 RT: 11.34 min Scan# 810
 Delta R.T. -0.02 min
 Lab File: BF086097.D
 Acq: 6 Apr 2016 14:34

Instrument :
 BNA_F
 ClientSampleId :
 PB89567BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.9	23.9
179	15.6	13.0	19.4

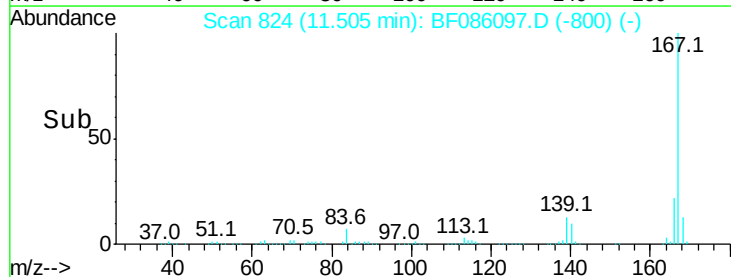
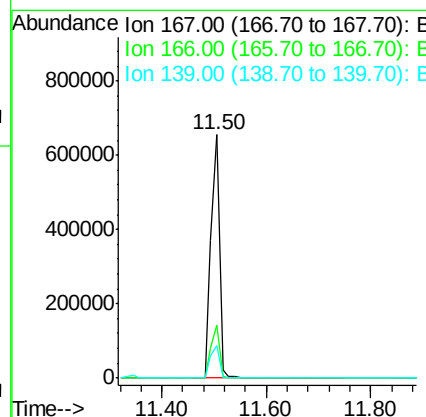
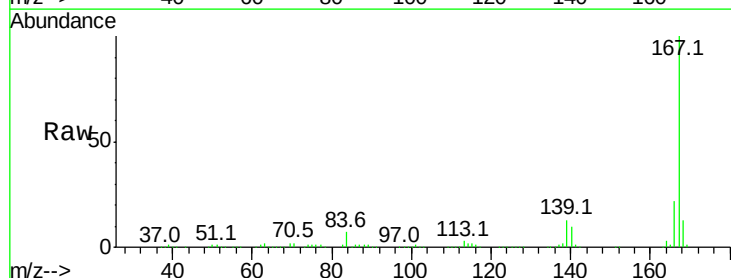
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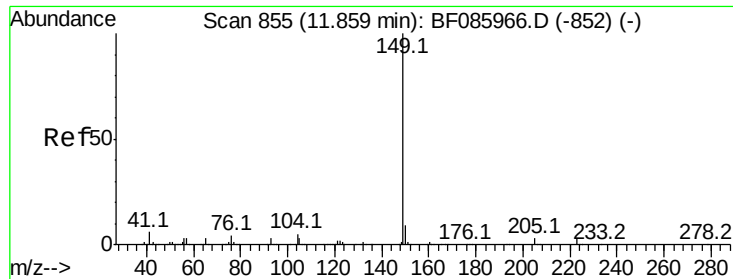
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#72
 Carbazole
 Concen: 25.84 ng
 RT: 11.50 min Scan# 824
 Delta R.T. -0.02 min
 Lab File: BF086097.D
 Acq: 6 Apr 2016 14:34

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.8	26.8
139	13.1	11.6	17.4





#73

Di-n-butylphthalate

Concen: 24.26 ng

RT: 11.82 min Scan# 852

Delta R.T. -0.03 min

Lab File: BF086097.D

Acq: 6 Apr 2016 14:34

Instrument :

BNA_F

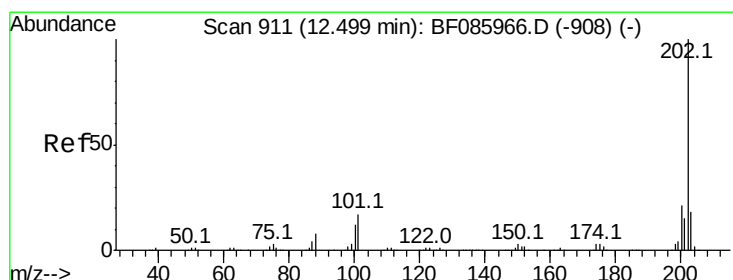
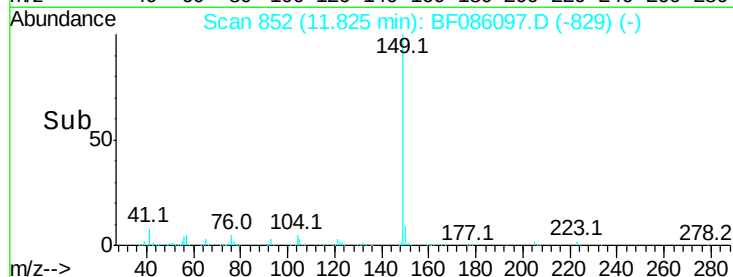
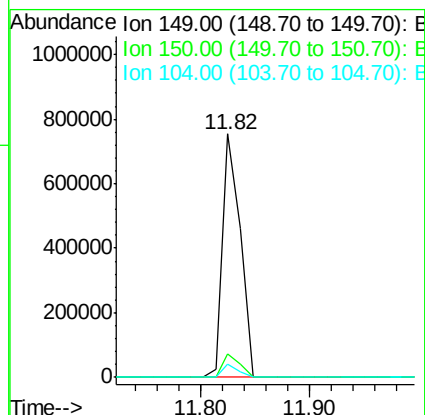
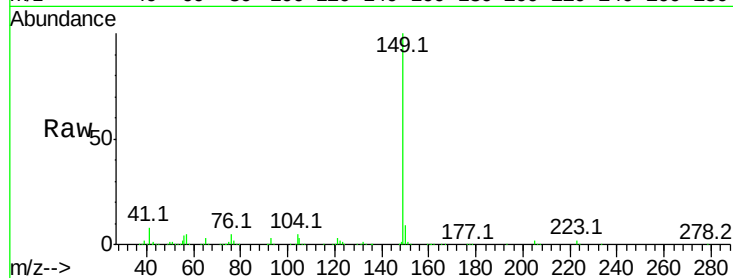
ClientSampleId :

PB89567BS

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Tot Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.4	7.6	11.4	
104	5.4	3.8	5.8	



#74

Fluoranthene

Concen: 24.92 ng

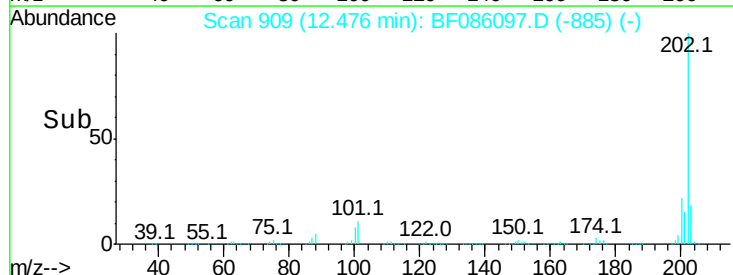
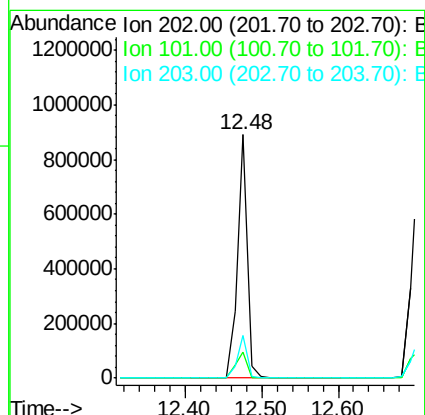
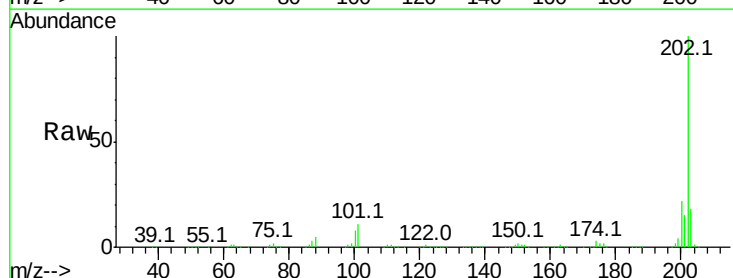
RT: 12.48 min Scan# 909

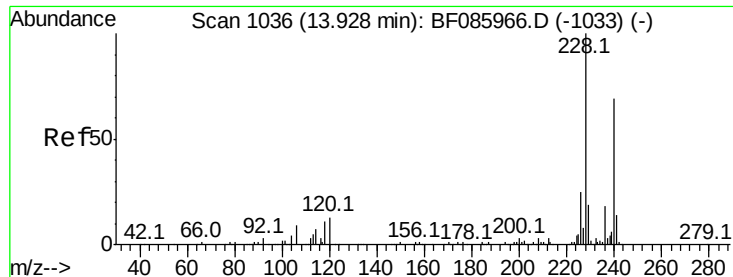
Delta R.T. -0.02 min

Lab File: BF086097.D

Acq: 6 Apr 2016 14:34

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	10.9	0.0	36.6	
203	17.7	0.0	38.1	





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.91 min Scan# 1034

Delta R.T. -0.02 min

Lab File: BF086097.D

Acq: 6 Apr 2016 14:34

Instrument :

BNA_F

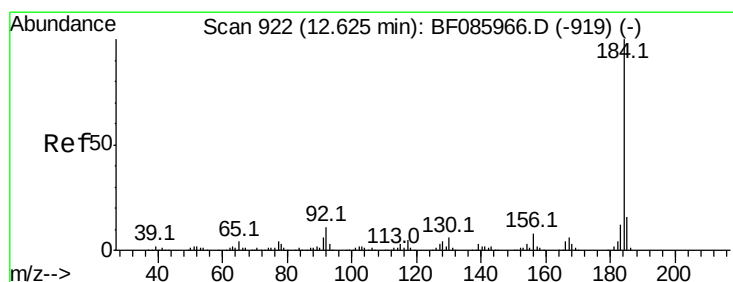
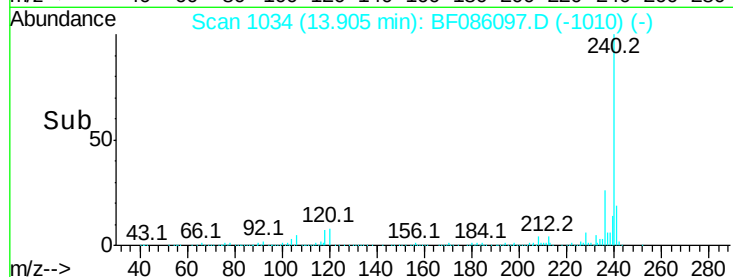
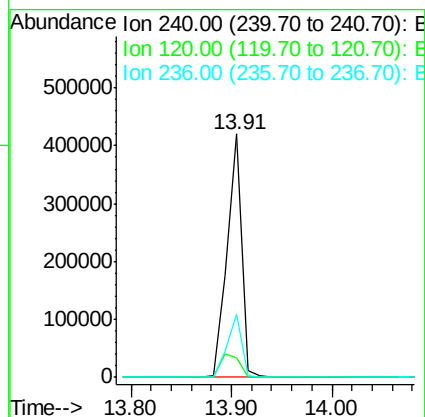
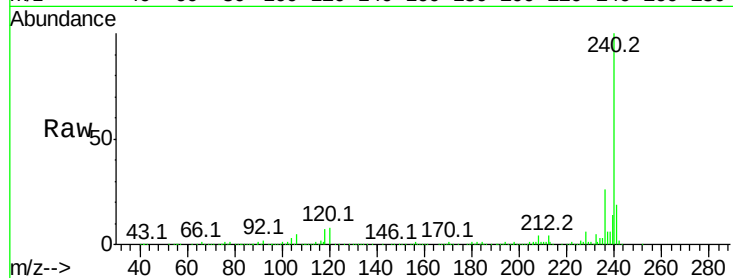
ClientSampleId :

PB89567BS

Tot Ion:	240	Resp:	422660
Ion Ratio	Lower	Upper	
240	100		
120	8.3	13.8	20.8#
236	26.2	20.6	30.8

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#76

Benzidine

Concen: 18.83 ng

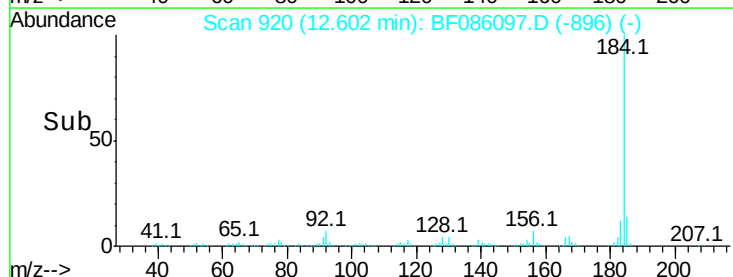
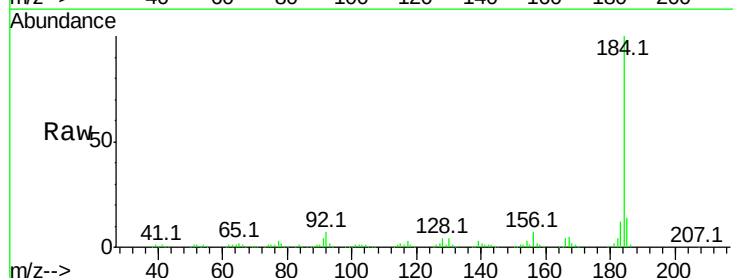
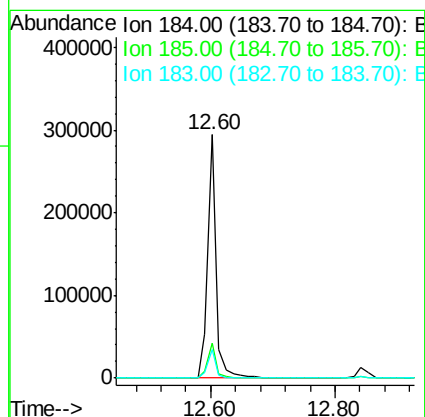
RT: 12.60 min Scan# 920

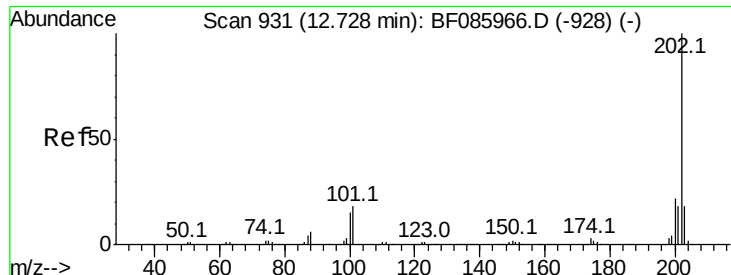
Delta R.T. -0.02 min

Lab File: BF086097.D

Acq: 6 Apr 2016 14:34

Tgt Ion:	184	Resp:	280847
Ion Ratio	Lower	Upper	
184	100		
185	14.5	12.4	18.6
183	11.5	9.4	14.2





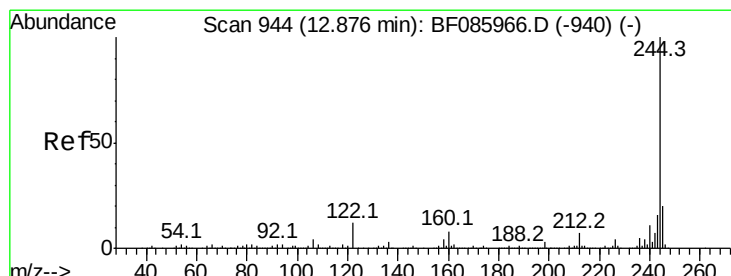
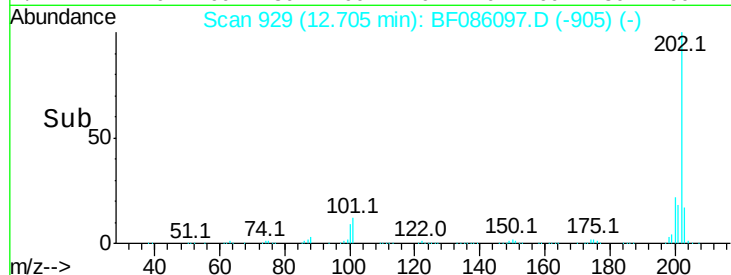
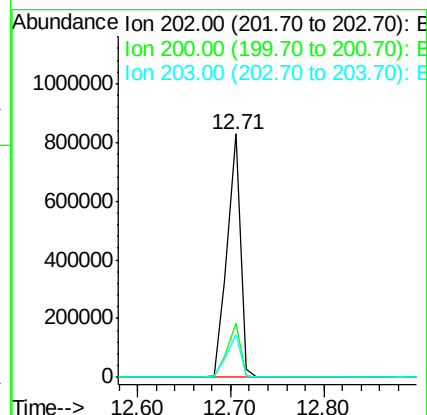
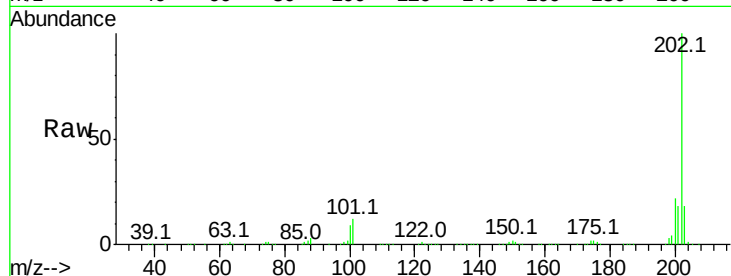
#77
Pvrene
Concen: 27.59 ng
RT: 12.71 min Scan# 929
Delta R.T. -0.02 min
Lab File: BF086097.D
Acq: 6 Apr 2016 14:34

Instrument :
BNA_F
ClientSampleId :
PB89567BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.6	26.4
203	17.5	14.0	21.0

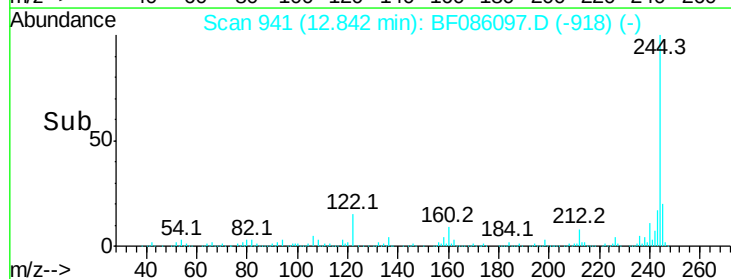
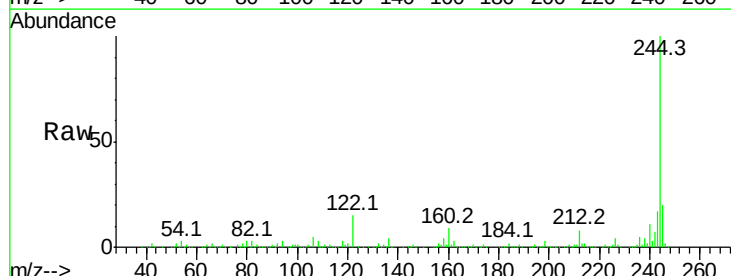
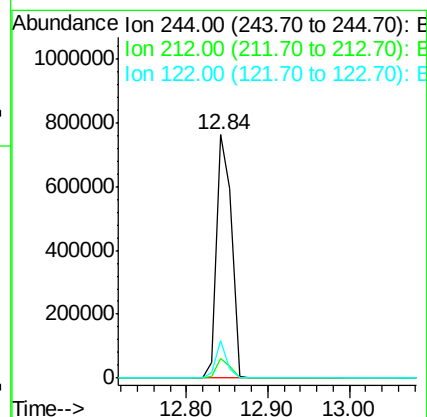
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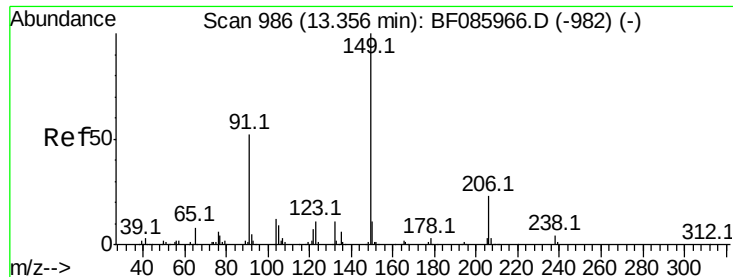
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#78
Terphenyl-d14
Concen: 54.10 ng
RT: 12.84 min Scan# 941
Delta R.T. -0.03 min
Lab File: BF086097.D
Acq: 6 Apr 2016 14:34

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.1	9.1
122	15.2	10.2	15.4





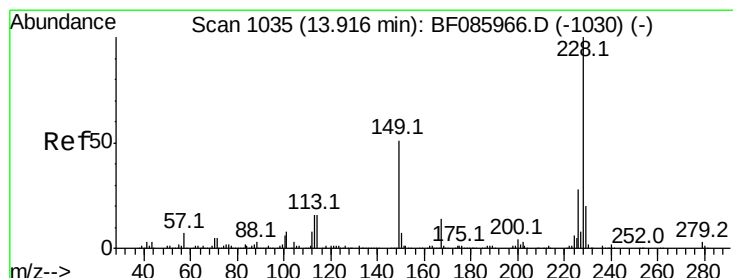
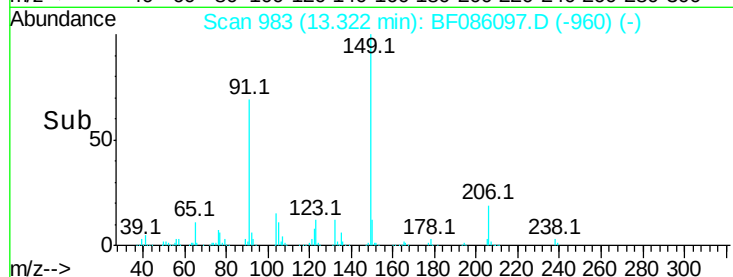
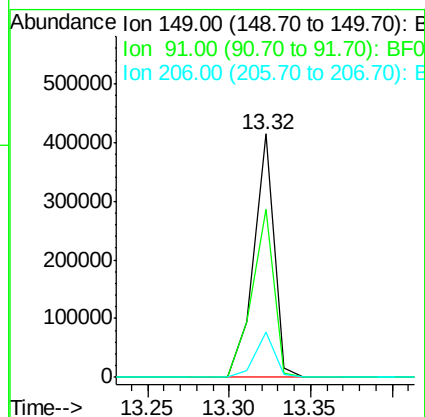
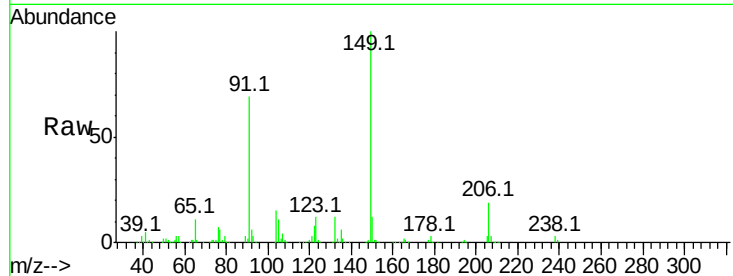
#79
Butylbenzylphthalate
Concen: 26.95 ng
RT: 13.32 min Scan# 983
Delta R.T. -0.03 min
Lab File: BF086097.D
Acq: 6 Apr 2016 14:34

Instrument :
BNA_F
ClientSampleID :
PB89567BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	361413		
91	69.2	45.8	68.8#	
206	18.6	17.8	26.8	

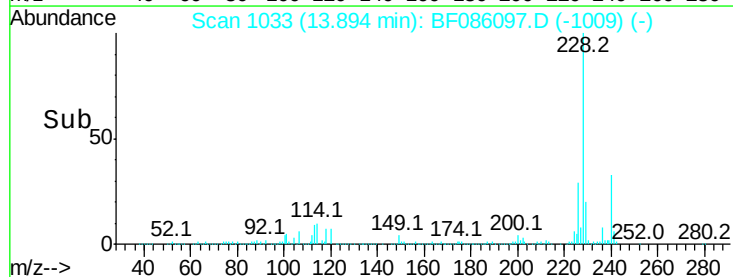
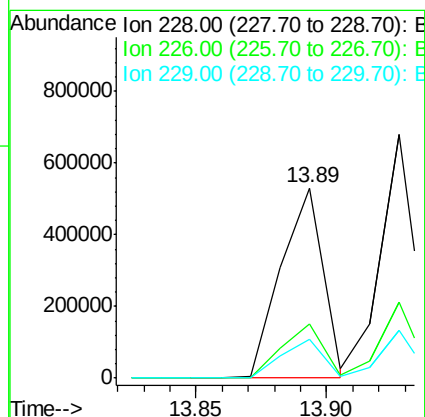
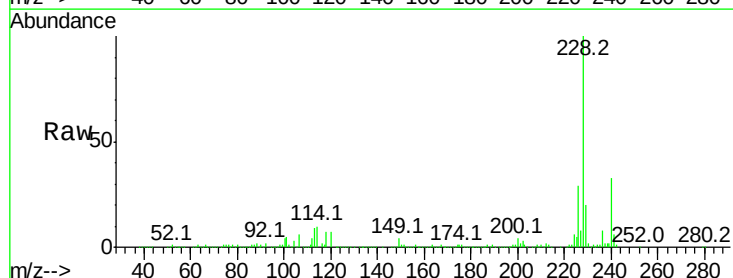
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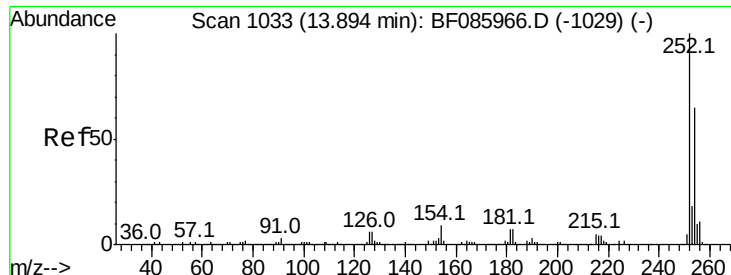
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#80
Benzo(a)anthracene
Concen: 23.99 ng
RT: 13.89 min Scan# 1033
Delta R.T. -0.02 min
Lab File: BF086097.D
Acq: 6 Apr 2016 14:34

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	597580		
226	28.6	22.1	33.1	
229	20.3	16.2	24.4	





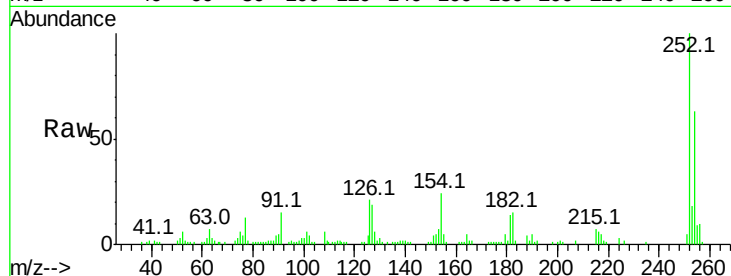
#81
 3,3'-Dichlorobenzidine
 Concen: 4.36 ng
 RT: 13.85 min Scan# 1029
 Delta R.T. -0.05 min
 Lab File: BF086097.D
 Acq: 6 Apr 2016 14:34

Instrument :
 BNA_F
 ClientSampleId :
 PB89567BS

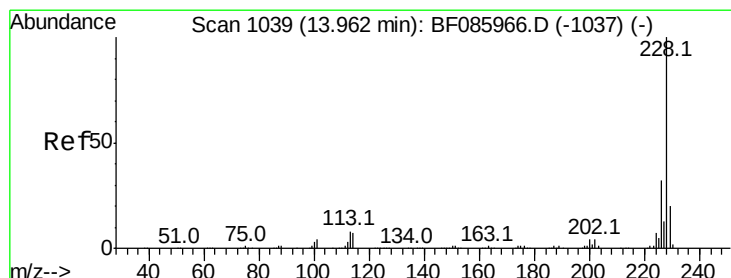
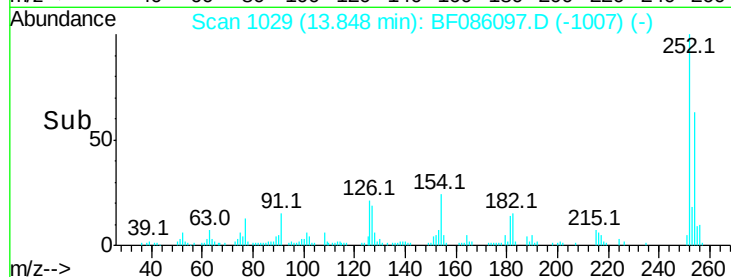
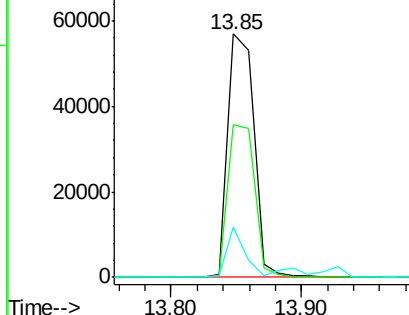
Tot Ion	Ratio	Lower	Upper
252	100		
254	62.7	50.7	76.1
126	20.9	11.8	17.6

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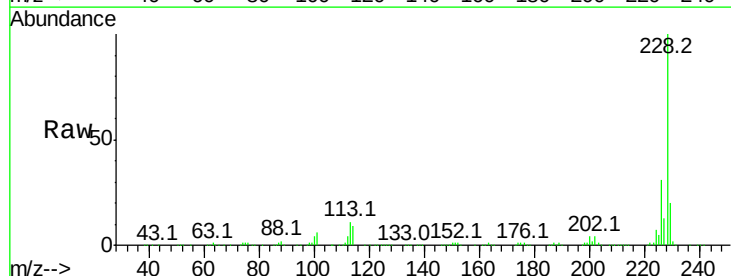


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

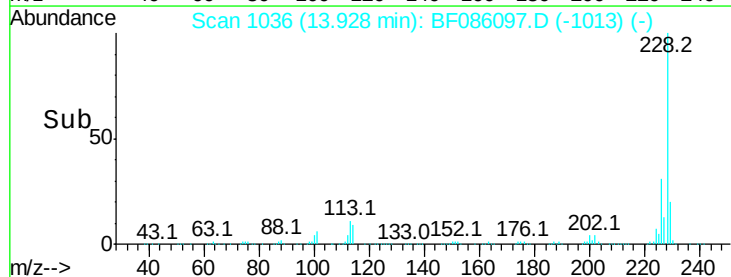
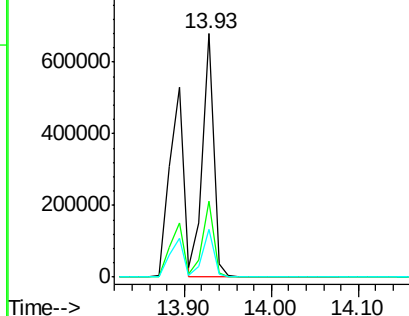


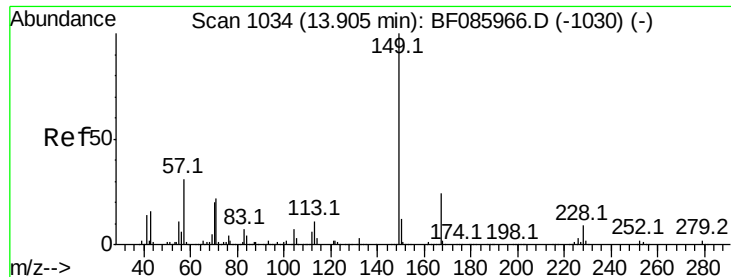
#82
 Chrysene
 Concen: 25.18 ng
 RT: 13.93 min Scan# 1036
 Delta R.T. -0.03 min
 Lab File: BF086097.D
 Acq: 6 Apr 2016 14:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.0	37.6
229	19.7	15.7	23.5



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





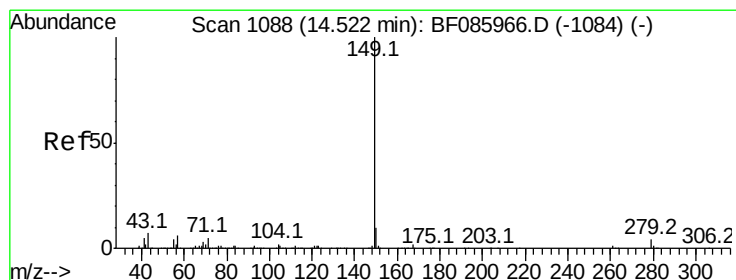
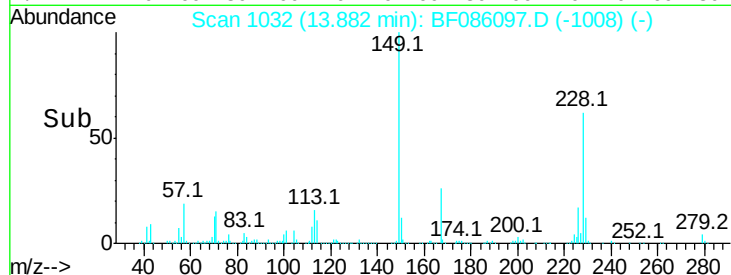
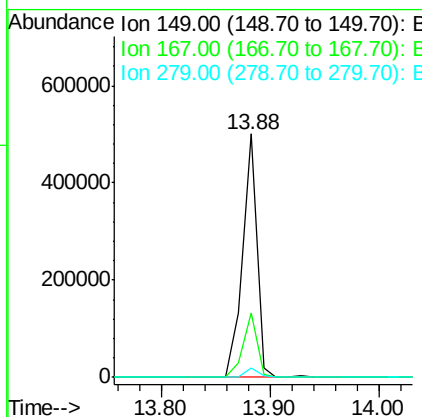
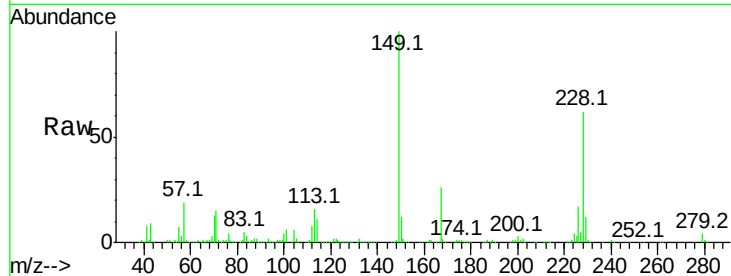
#83
Bis(2-ethylhexyl)phthalate
Concen: 25.40 ng
RT: 13.88 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BF086097.D
Acq: 6 Apr 2016 14:34

Instrument :
BNA_F
ClientSampleId :
PB89567BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	452077		
167	26.3	19.4	29.2	
279	3.6	1.5	2.3#	

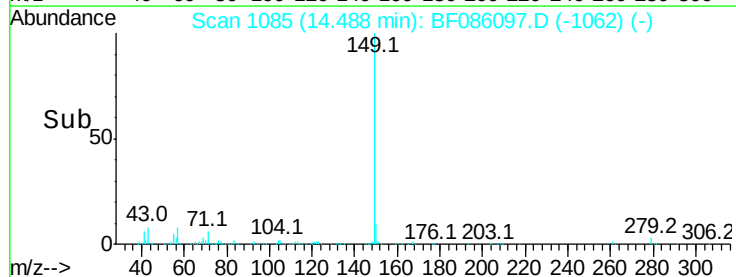
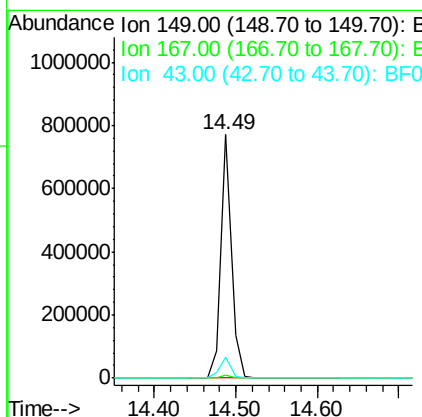
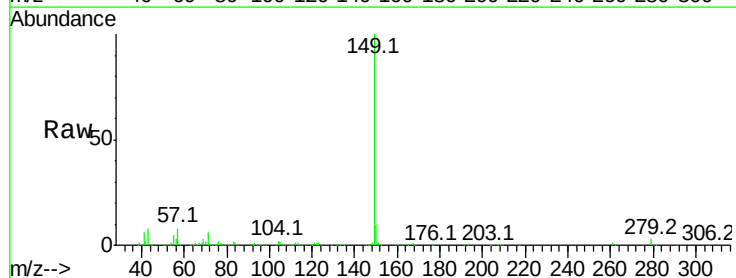
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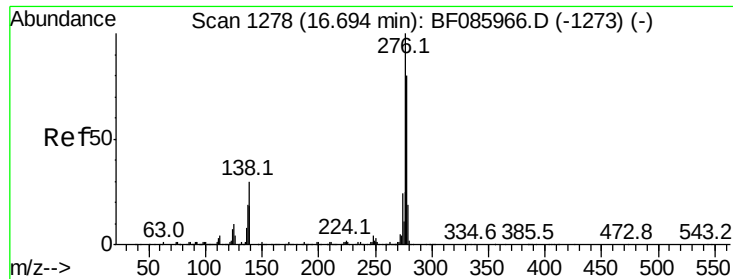
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#84
Di-n-octyl phthalate
Concen: 24.19 ng
RT: 14.49 min Scan# 1085
Delta R.T. -0.03 min
Lab File: BF086097.D
Acq: 6 Apr 2016 14:34

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	687471		
167	1.5	1.2	1.8	
43	8.5	7.1	10.7	





#85

Indeno(1,2,3-cd)pyrene

Concen: 24.49 ng

RT: 16.64 min Scan# 1273

Delta R.T. -0.06 min

Lab File: BF086097.D

Acq: 6 Apr 2016 14:34

Instrument :

BNA_F

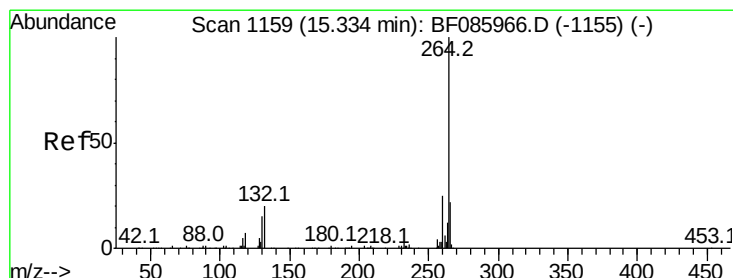
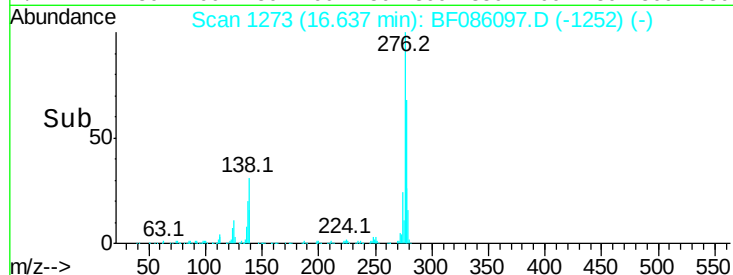
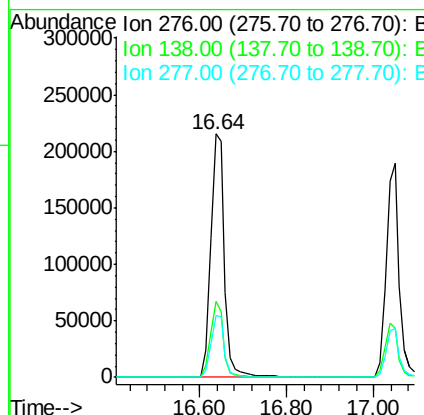
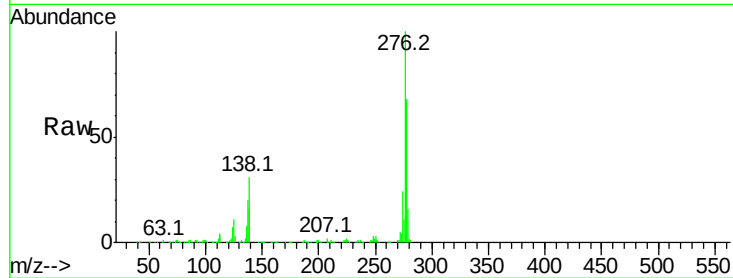
ClientSampleId :

PB89567BS

Tot Ion:	276	Resp:	476927
Ion Ratio	Lower	Upper	
276	100		
138	29.6	24.2	36.4
277	25.0	20.0	30.0

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#86

Perylene-d12

Concen: 20.00 ng

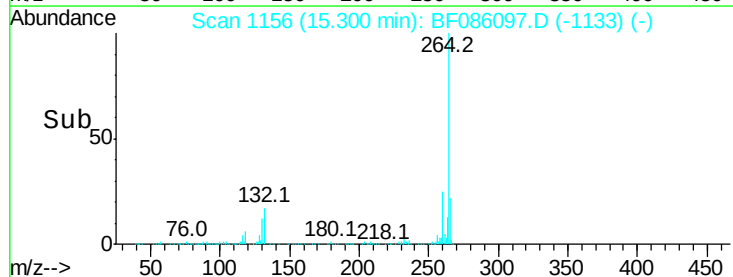
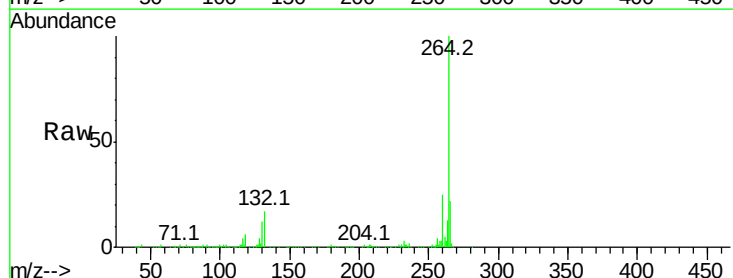
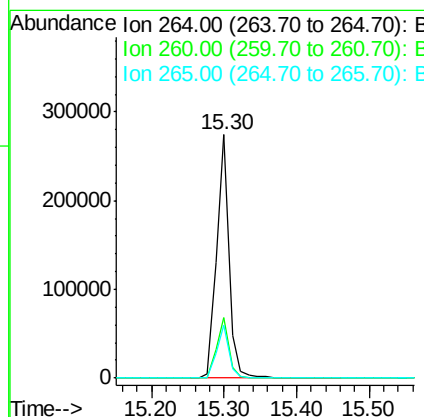
RT: 15.30 min Scan# 1156

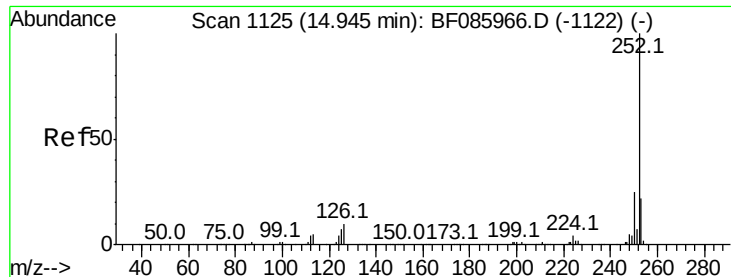
Delta R.T. -0.03 min

Lab File: BF086097.D

Acq: 6 Apr 2016 14:34

Tgt Ion:	264	Resp:	325212
Ion Ratio	Lower	Upper	
264	100		
260	24.9	19.4	29.2
265	21.7	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 27.96 ng m

RT: 14.91 min Scan# 1122

Delta R.T. -0.03 min

Lab File: BF086097.D

Acq: 6 Apr 2016 14:34

Instrument :

BNA_F

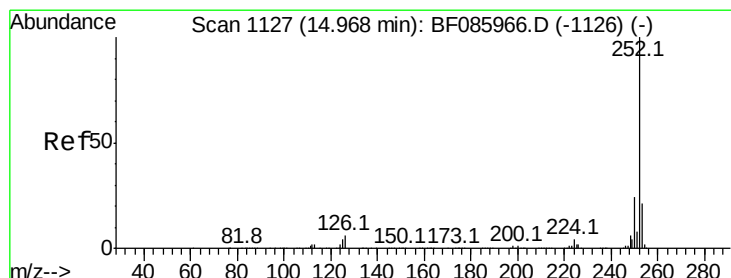
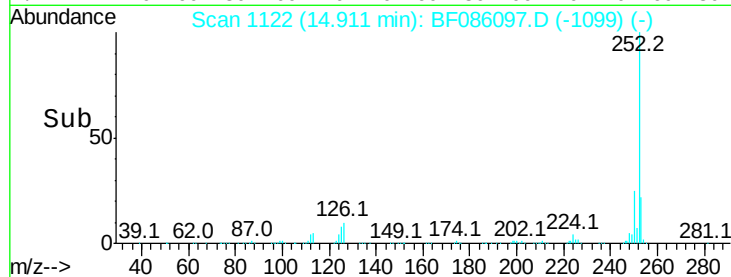
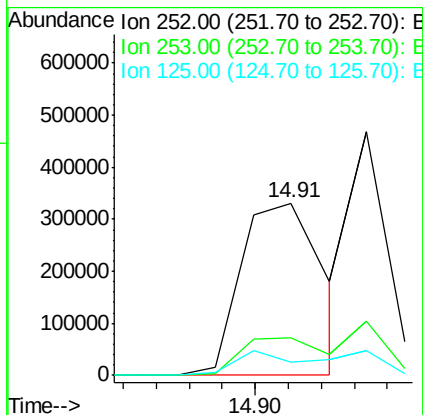
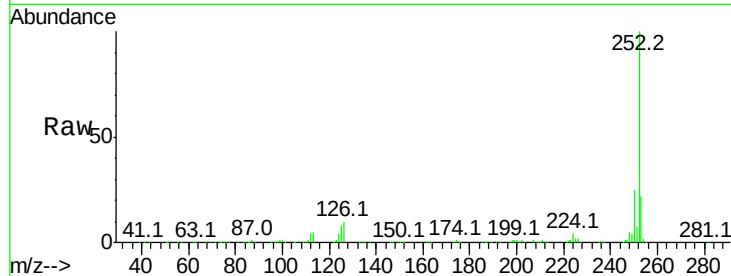
ClientSampleId :

PB89567BS

Tot Ion:	252	Resp:	572068
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.6	26.4
125	7.6	10.3	15.5#

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#88

Benzo(k)fluoranthene

Concen: 20.70 ng m

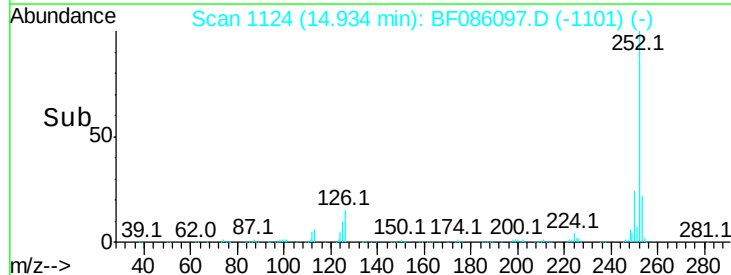
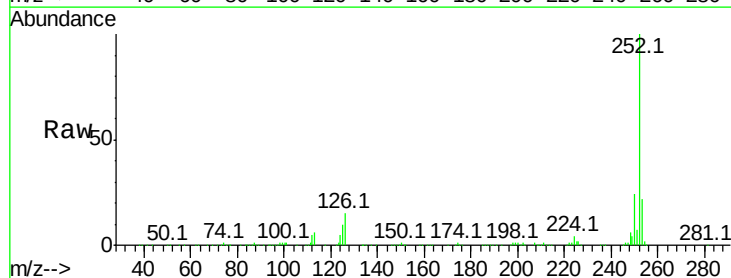
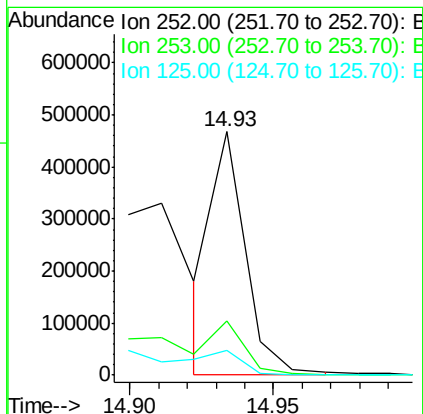
RT: 14.93 min Scan# 1124

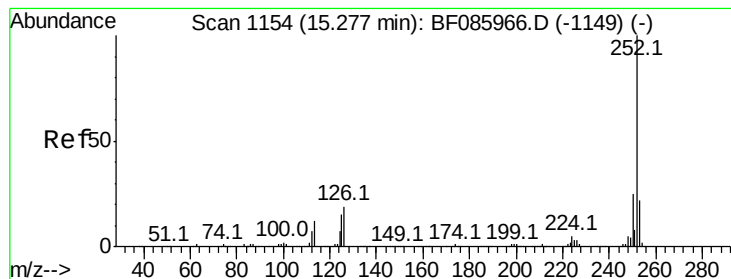
Delta R.T. -0.03 min

Lab File: BF086097.D

Acq: 6 Apr 2016 14:34

Tgt Ion:	252	Resp:	374990
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.8	26.6
125	10.2	7.7	11.5





#89

Benzo(a)pyrene

Concen: 24.74 ng

RT: 15.24 min Scan# 1151

Delta R.T. -0.03 min

Lab File: BF086097.D

Acq: 6 Apr 2016 14:34

Instrument :

BNA_F

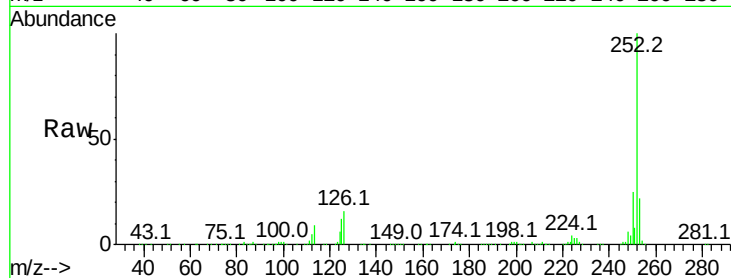
ClientSampleId :

PB89567BS

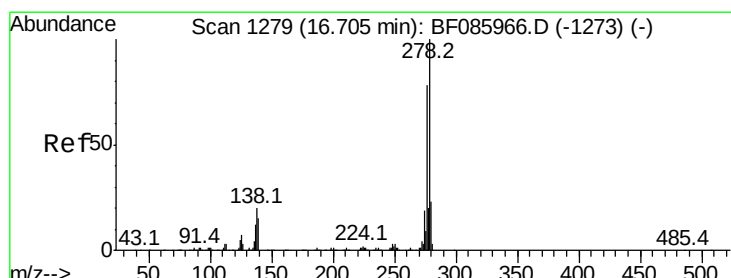
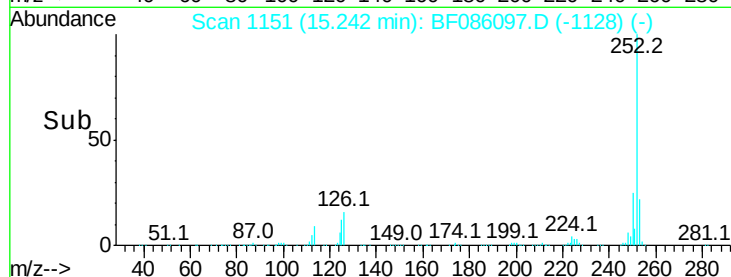
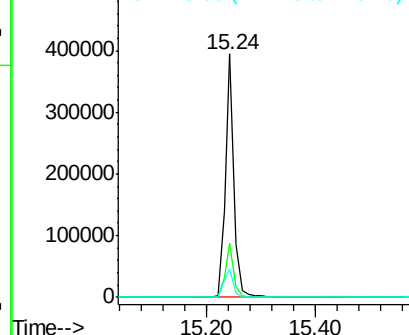
Tot Ion:	252	Resp:	448451
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.4	26.0
125	11.8	10.3	15.5

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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



#90

Dibenzo(a,h)anthracene

Concen: 27.18 ng

RT: 16.65 min Scan# 1274

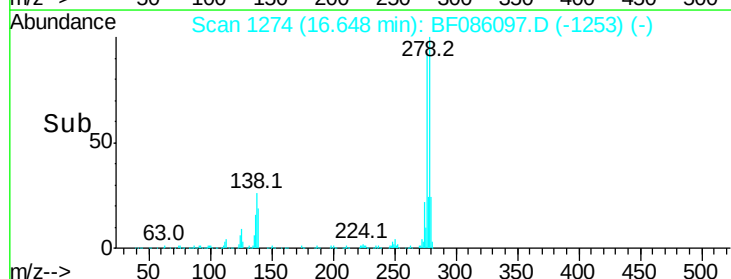
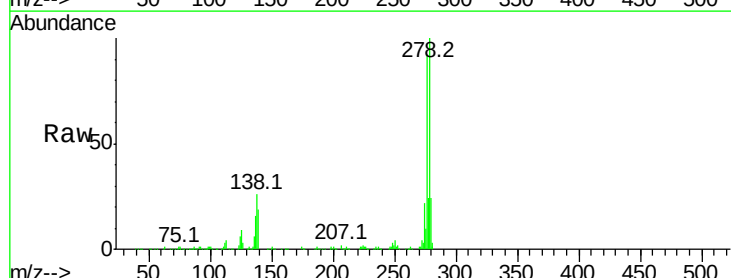
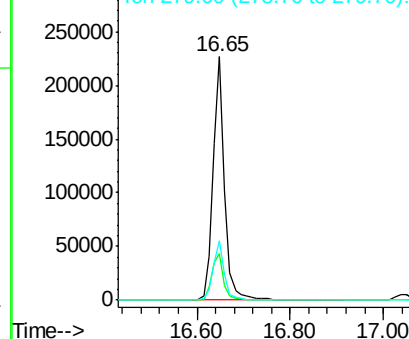
Delta R.T. -0.06 min

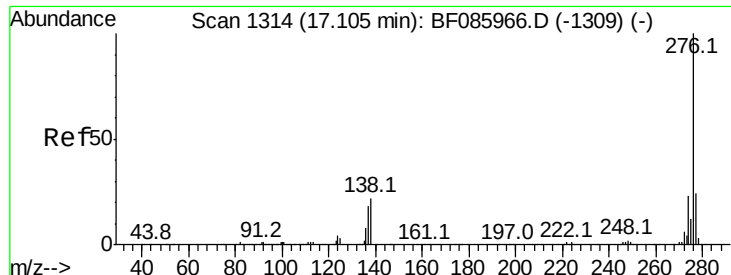
Lab File: BF086097.D

Acq: 6 Apr 2016 14:34

Tgt Ion:	278	Resp:	396454
Ion Ratio	Lower	Upper	
278	100		
139	19.1	14.4	21.6
279	24.2	19.1	28.7

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 28.79 ng
 RT: 17.05 min Scan# 1309
 Delta R.T. -0.06 min
 Lab File: BF086097.D
 Acq: 6 Apr 2016 14:34

Instrument :
 BNA_F
 ClientSampleId :
 PB89567BS

Tot Ion:	276	Resp:	406342
Ion Ratio	Lower	Upper	
276	100		
277	22.7	18.8	28.2
138	22.9	22.6	34.0

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