

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
 Data File : BF086368.D
 Acq On : 23 Apr 2016 3:52
 Operator : UM/SJ
 Sample : PB89989BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB89989BS

Manual Integrations
 APPROVED

sohil
 4/25/2016 12:35:45 PM

Quant Time: Apr 25 01:04:07 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 23 00:24:02 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	176474	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	739045	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	369641	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	699516	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	539137	20.00	ng	0.00
86) Perylene-d12	15.41	264	510565	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	1174365	114.92	ng	0.02
7) Phenol-d6	6.48	99	1457353	104.90	ng	0.00
23) Nitrobenzene-d5	7.40	82	932888	74.78	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	370150	110.62	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1650262	76.19	ng	0.00
78) Terphenyl-d14	12.94	244	1490879	68.71	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.50	88	169636	30.02	ng	94
3) Pyridine	3.22	79	426071	31.64	ng	94
4) n-Nitrosodimethylamine	3.15	42	173118	33.89	ng	90
6) Aniline	6.50	93	346509	20.44	ng	96
8) 2-Chlorophenol	6.62	128	469783	37.65	ng	99
9) Benzaldehyde	6.38	77	84982	10.07	ng	97
10) Phenol	6.49	94	608335	37.08	ng	98
11) bis(2-Chloroethyl)ether	6.58	93	492276	34.47	ng	96
12) 1,3-Dichlorobenzene	6.78	146	487305	36.62	ng	96
13) 1,4-Dichlorobenzene	6.85	146	507595	34.73	ng	94
14) 1,2-Dichlorobenzene	7.01	146	479485	36.11	ng	95
15) Benzyl Alcohol	6.99	79	326432	39.59	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	636672	34.01	ng	99
17) 2-Methylphenol	7.10	107	384004	37.56	ng	98
18) Hexachloroethane	7.36	117	177035	35.96	ng	91
19) n-Nitroso-di-n-propylamine	7.25	70	279201	33.63	ng	# 85
20) 3+4-Methylphenols	7.25	107	430822	39.76	ng	97
22) Acetophenone	7.25	105	601630	38.80	ng	# 97
24) Nitrobenzene	7.42	77	479361	35.82	ng	94
25) Isophorone	7.66	82	860622	35.20	ng	97
26) 2-Nitrophenol	7.74	139	262463	39.70	ng	94
27) 2,4-Dimethylphenol	7.78	122	435139	38.43	ng	93
28) bis(2-Chloroethoxy)methane	7.88	93	563381	41.27	ng	99
29) 2,4-Dichlorophenol	7.98	162	402659	43.02	ng	97
30) 1,2,4-Trichlorobenzene	8.06	180	388687	38.23	ng	96
31) Naphthalene	8.14	128	1346465	35.76	ng	98
32) Benzoic acid	7.90	122	248415	34.32	ng	95
33) 4-Chloroaniline	8.20	127	135865	9.26	ng	98
34) Hexachlorobutadiene	8.27	225	197869	38.98	ng	98
35) Caprolactam	8.56	113	131210m	39.07	ng	
36) 4-Chloro-3-methylphenol	8.68	107	448068	40.28	ng	98
37) 2-Methylnaphthalene	8.84	142	896628	41.29	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	327543	34.25	ng	99
40) Hexachlorocyclopentadiene	8.99	237	365286	78.20	ng	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	250115	39.89	nq	97
43) 2,4,5-Trichlorophenol	9.16	196	286079	37.05	nq	98
45) 1,1'-Biphenyl	9.30	154	1051767	36.68	nq	97
46) 2-Chloronaphthalene	9.32	162	815053	35.91	nq	92
47) 2-Nitroaniline	9.42	65	280726	39.72	nq	93
48) Acenaphthylene	9.74	152	1400853	38.06	nq	99
49) Dimethylphthalate	9.61	163	1018115	38.13	nq	100
50) 2,6-Dinitrotoluene	9.66	165	227989	39.53	nq	93
51) Acenaphthene	9.92	154	942026	41.67	nq	99
52) 3-Nitroaniline	9.84	138	132876	18.40	nq	94
53) 2,4-Dinitrophenol	9.94	184	244909	81.67	nq	91
54) Dibenzofuran	10.09	168	1193067	41.09	nq	99
55) 4-Nitrophenol	10.00	139	388382	76.86	nq	86
56) 2,4-Dinitrotoluene	10.06	165	301324	39.34	nq	97
57) Fluorene	10.43	166	901793	37.90	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	248871	44.10	nq	95
59) Diethylphthalate	10.30	149	926479	36.23	nq	99
60) 4-Chlorophenyl-phenylether	10.42	204	375471	36.09	nq	97
61) 4-Nitroaniline	10.45	138	277720	37.57	nq	97
62) Azobenzene	10.58	77	1069747	40.34	nq	98
64) 4,6-Dinitro-2-methylphenol	10.48	198	164645	38.52	nq	96
65) n-Nitrosodiphenylamine	10.54	169	821839	38.10	nq	100
66) 4-Bromophenyl-phenylether	10.91	248	263303	38.44	nq	92
67) Hexachlorobenzene	10.97	284	263483	36.05	nq	# 60
68) Atrazine	11.07	200	267967	40.24	nq	98
69) Pentachlorophenol	11.16	266	319093	74.36	nq	95
70) Phenanthrene	11.39	178	1336243	38.02	nq	100
71) Anthracene	11.44	178	1432164	35.56	nq	99
72) Carbazole	11.60	167	1474861	38.99	nq	100
73) Di-n-butylphthalate	11.93	149	1546860	38.87	nq	100
74) Fluoranthene	12.57	202	1409784	37.19	nq	98
76) Benzidine	12.69	184	450304	20.37	nq	97
77) Pyrene	12.80	202	1405088	37.37	nq	100
79) Butylbenzylphthalate	13.43	149	703591	40.17	nq	95
80) Benzo(a)anthracene	13.99	228	1023742	36.58	nq	99
81) 3,3'-Dichlorobenzidine	13.95	252	166667	8.63	nq	# 97
82) Chrysene	14.02	228	1245986	39.51	nq	98
83) Bis(2-ethylhexyl)phthalate	13.99	149	760024	38.75	nq	100
84) Di-n-octyl phthalate	14.59	149	1496811	39.75	nq	100
85) Indeno(1,2,3-cd)pyrene	16.79	276	1022543	36.48	nq	100
87) Benzo(b)fluoranthene	15.00	252	999861m	35.68	nq	
88) Benzo(k)fluoranthene	15.04	252	1232018m	44.79	nq	
89) Benzo(a)pyrene	15.36	252	1066124	38.56	nq	99
90) Dibenzo(a,h)anthracene	16.81	278	842341	36.93	nq	97
91) Benzo(g,h,i)perylene	17.20	276	864006	36.70	nq	98

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

```

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Operator  : UM/SJ
Sample    : PB89989BS
Misc      :
ALS Vial   : 15    Sample Multiplier: 1

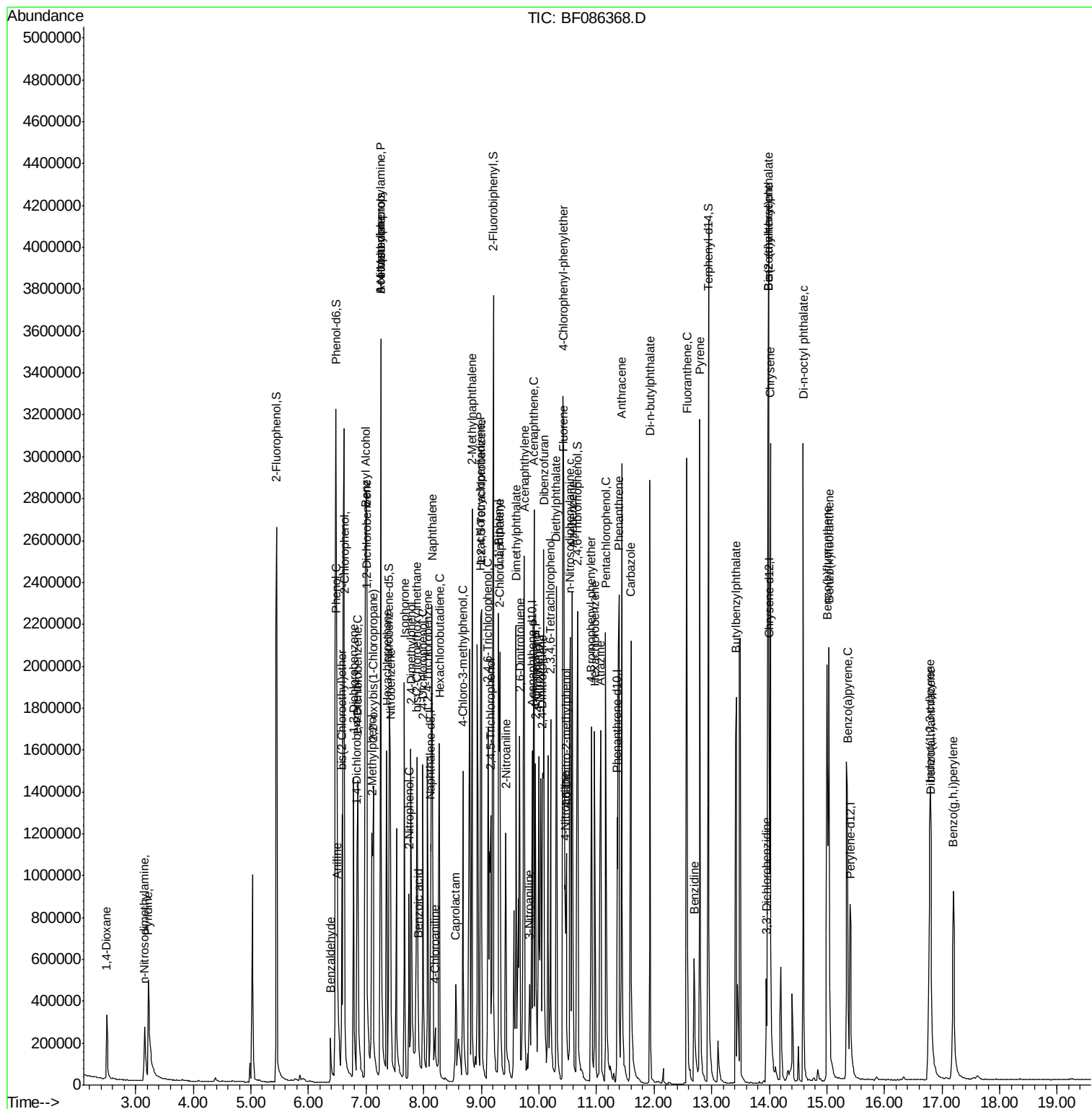
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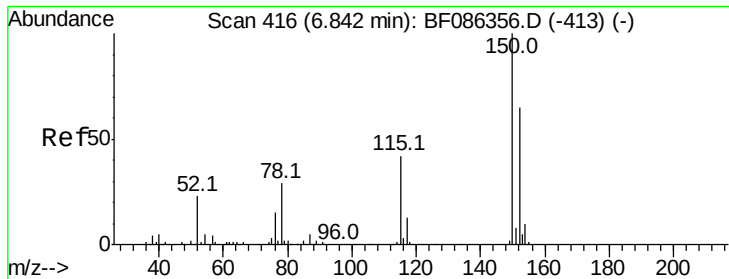
Instrument :
BNA_F
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.00 min

Lab File: BF086368.D

Acq: 23 Apr 2016 3:52

Instrument :

BNA_F

ClientSampleId :

PB89989BS

Tot Ion:152 Resp: 176474

Ion Ratio Lower Upper

152 100

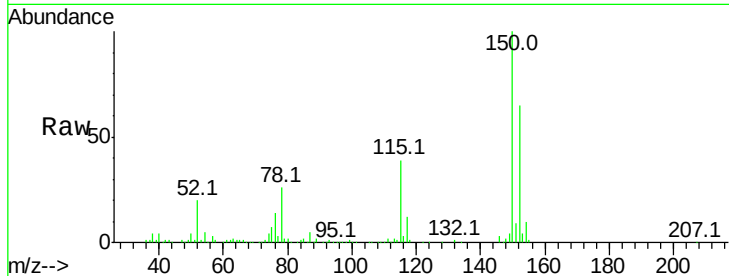
150 155.0 125.8 188.6

115 60.5 51.5 77.3

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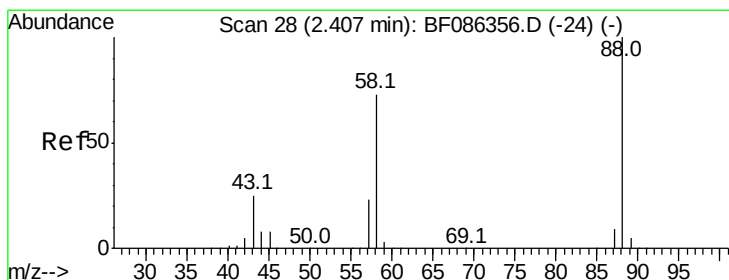
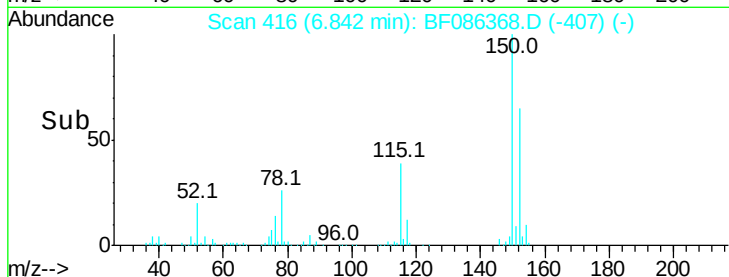
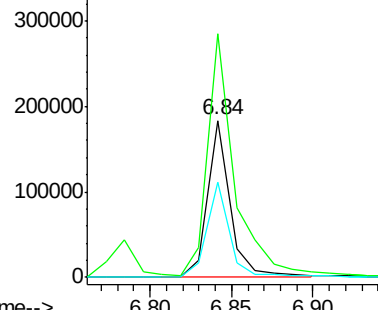
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 30.02 ng

RT: 2.50 min Scan# 36

Delta R.T. 0.09 min

Lab File: BF086368.D

Acq: 23 Apr 2016 3:52

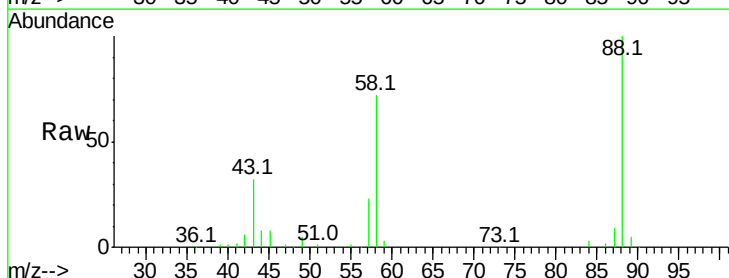
Tgt Ion: 88 Resp: 169636

Ion Ratio Lower Upper

88 100

58 68.2 59.6 89.4

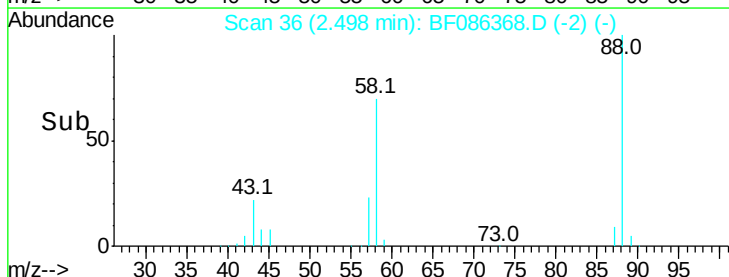
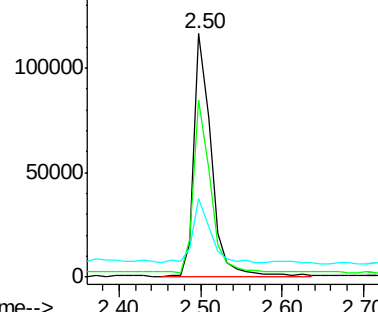
43 26.9 21.8 32.6

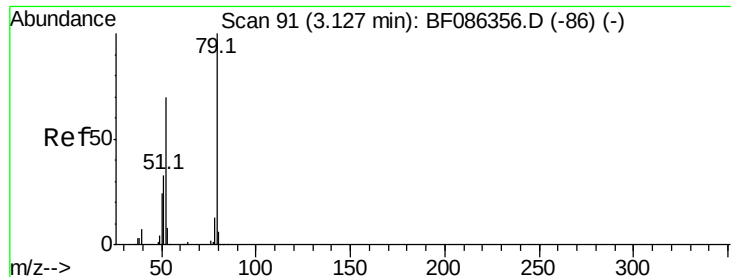


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 31.64 ng

RT: 3.22 min Scan# 99

Delta R.T. 0.09 min

Lab File: BF086368.D

Acq: 23 Apr 2016 3:52

Instrument :

BNA_F

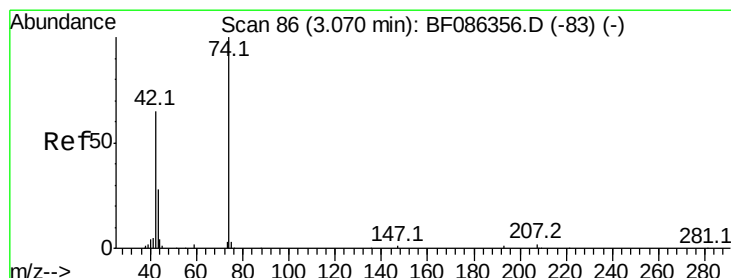
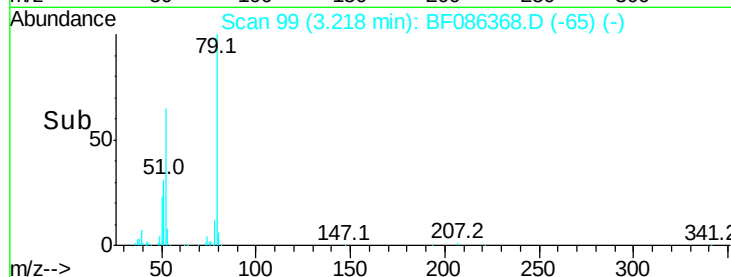
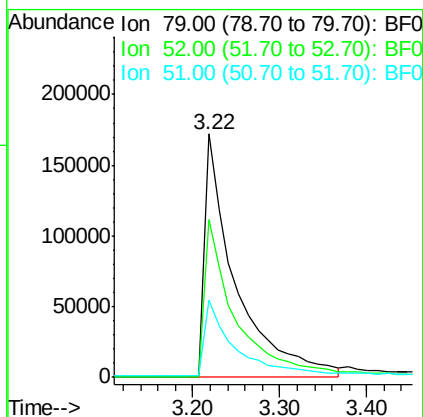
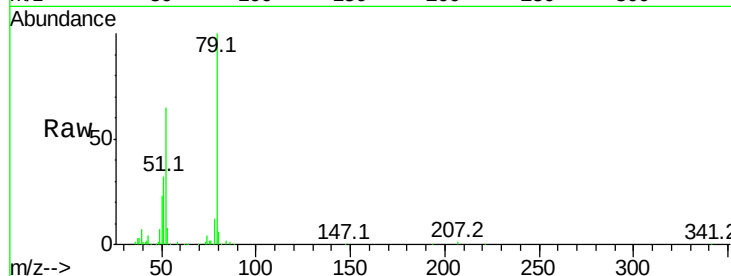
ClientSampleId :

PB89989BS

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Tot Ion	Ratio	Lower	Upper
79	100		
52	64.9	55.9	83.9
51	31.9	28.1	42.1



#4

n-Nitrosodimethylamine

Concen: 33.89 ng

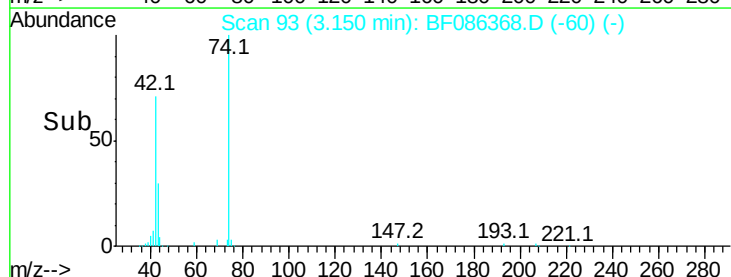
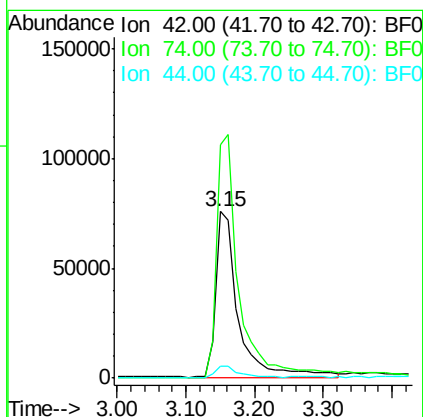
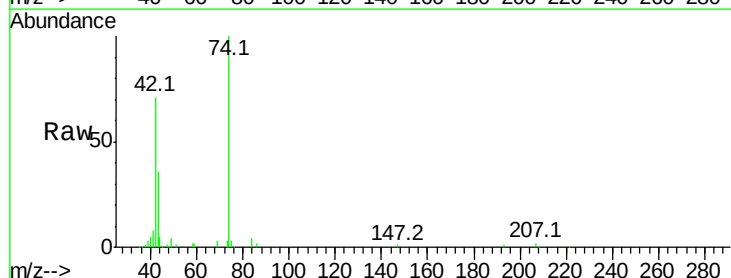
RT: 3.15 min Scan# 93

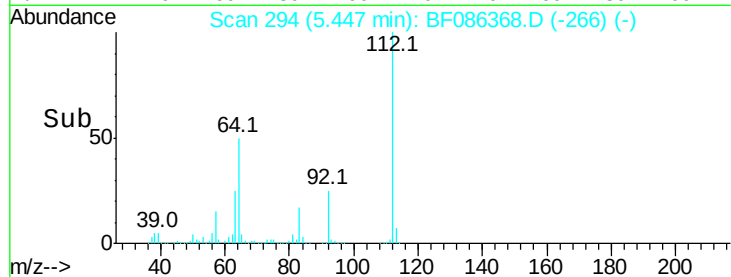
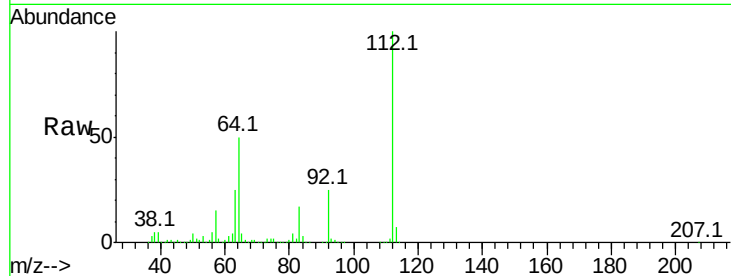
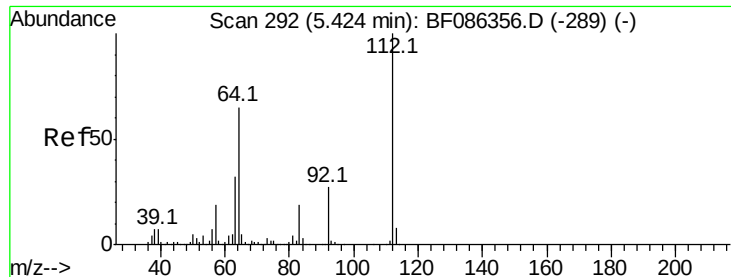
Delta R.T. 0.08 min

Lab File: BF086368.D

Acq: 23 Apr 2016 3:52

Tgt Ion	Ratio	Lower	Upper
42	100		
74	140.4	123.4	185.0
44	7.0	5.8	8.6





#5

2-Fluorophenol

Concen: 114.92 ng

RT: 5.45 min Scan# 294

Delta R.T. 0.02 min

Lab File: BF086368.D

Acq: 23 Apr 2016 3:52

Tot Ion: 112 Resp: 1174365

Ion Ratio Lower Upper

112 100

64 50.3 52.1 78.1#

63 25.3 25.7 38.5#

Instrument :

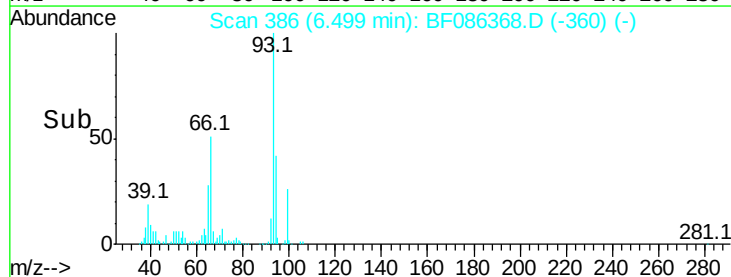
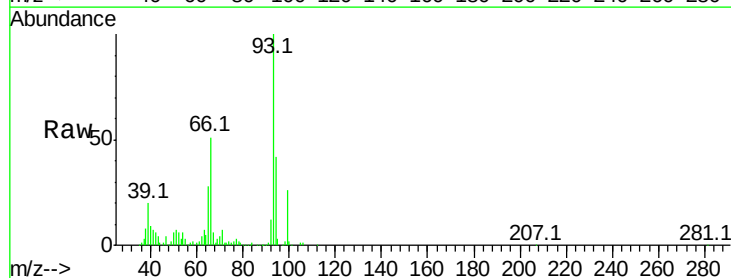
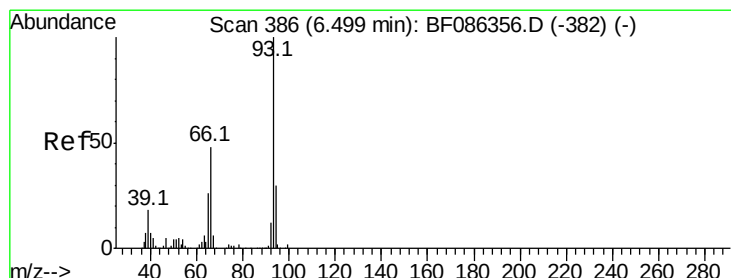
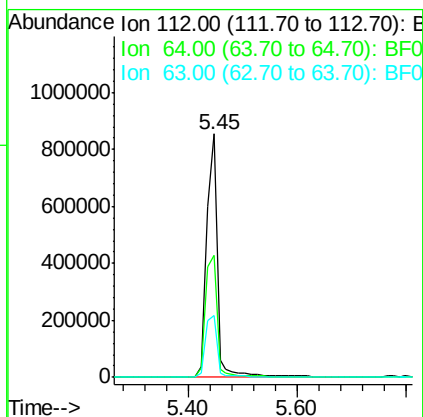
BNA_F

ClientSampled :

PB89989BS

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#6

Aniline

Concen: 20.44 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.00 min

Lab File: BF086368.D

Acq: 23 Apr 2016 3:52

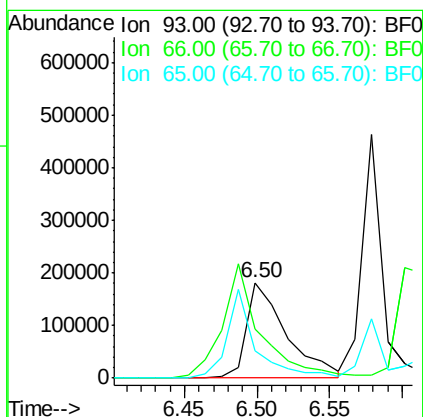
Tgt Ion: 93 Resp: 346509

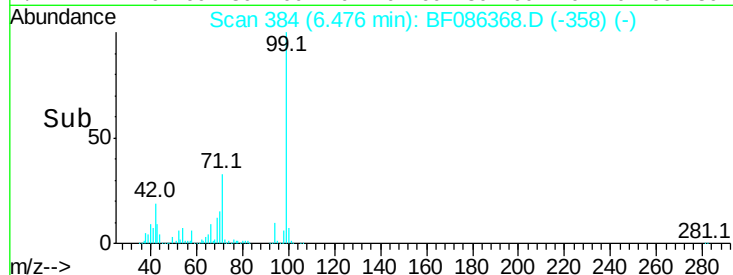
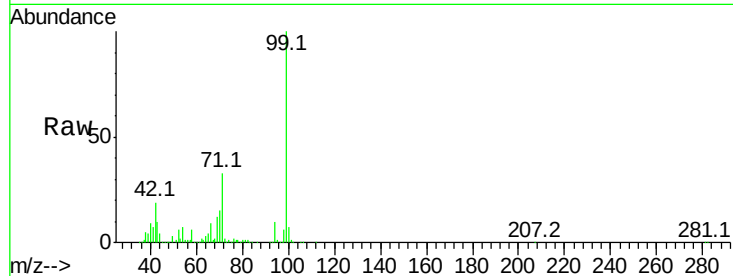
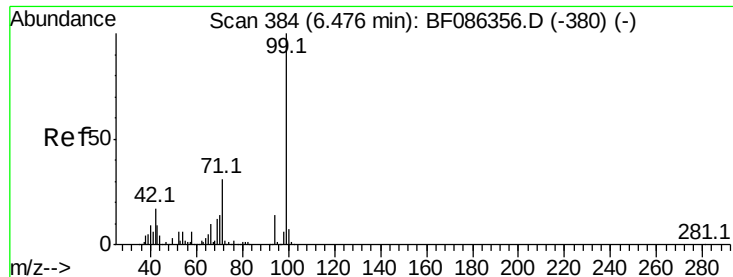
Ion Ratio Lower Upper

93 100

66 50.8 39.0 58.6

65 28.2 20.6 31.0





#7

Phenol-d6

Concen: 104.90 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.00 min

Lab File: BF086368.D

Acq: 23 Apr 2016 3:52

Tot Ion: 99 Resp: 1457353

Ion Ratio Lower Upper

99 100

42 19.3 13.6 20.4

71 32.7 24.6 36.8

Instrument :

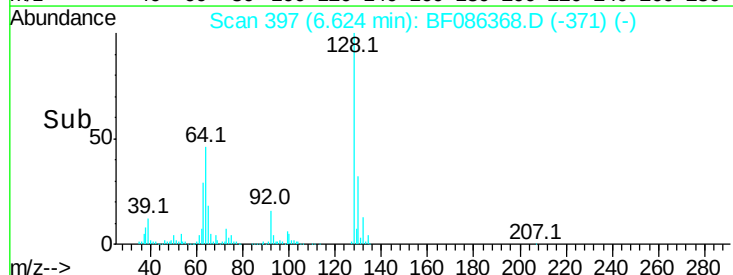
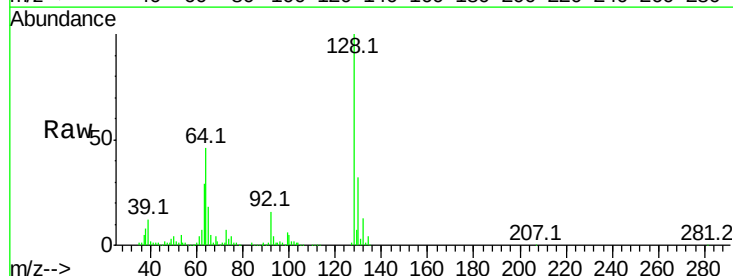
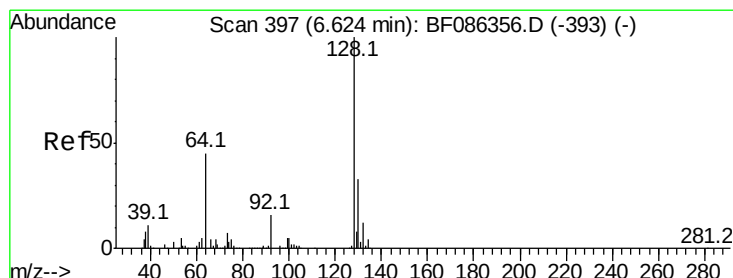
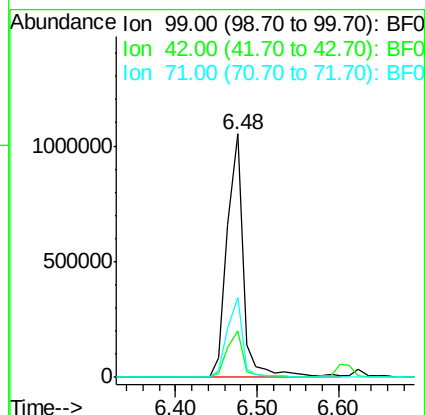
BNA_F

ClientSampled :

PB89989BS

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#8

2-Chlorophenol

Concen: 37.65 ng

RT: 6.62 min Scan# 397

Delta R.T. -0.00 min

Lab File: BF086368.D

Acq: 23 Apr 2016 3:52

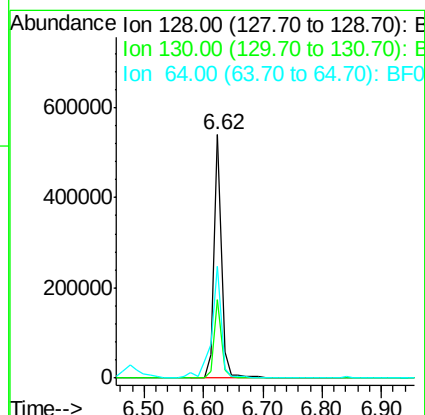
Tgt Ion: 128 Resp: 469783

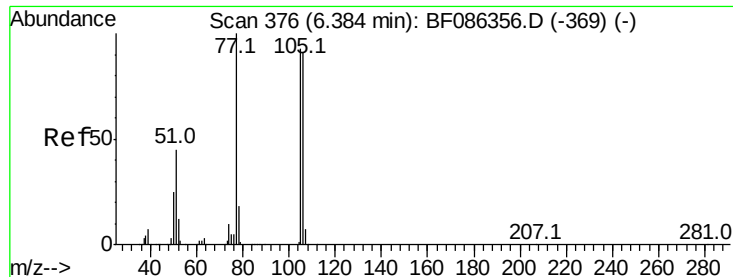
Ion Ratio Lower Upper

128 100

130 32.4 12.5 52.5

64 45.9 27.3 67.3





#9

Benzaldehyde

Concen: 10.07 ng

RT: 6.38 min Scan# 376

Delta R.T. 0.00 min

Lab File: BF086368.D

Acq: 23 Apr 2016 3:52

Instrument :

BNA_F

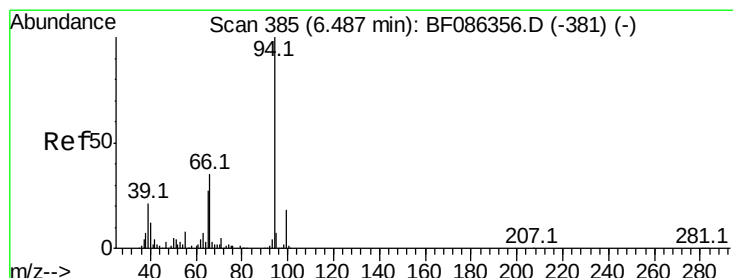
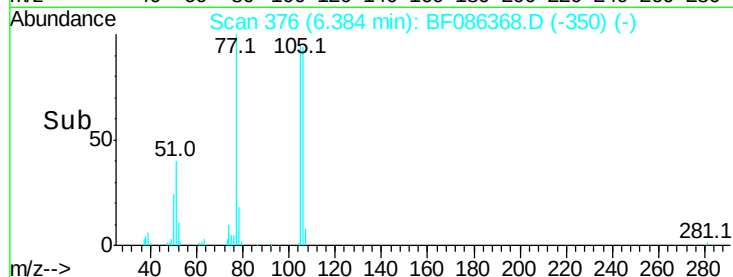
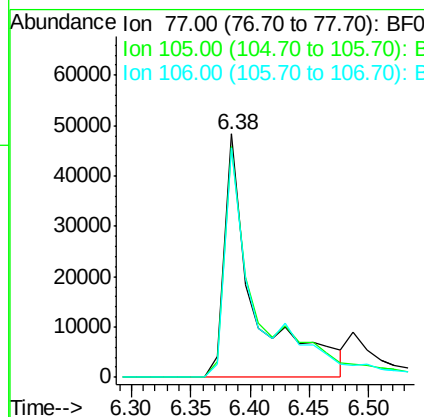
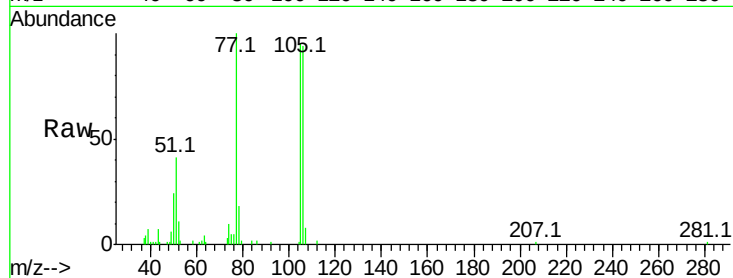
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Tot Ion:	77	Resp:	84982
Ion	Ratio	Lower	Upper
77	100		
105	94.6	72.7	112.7
106	94.4	70.8	110.8



#10

Phenol

Concen: 37.08 ng

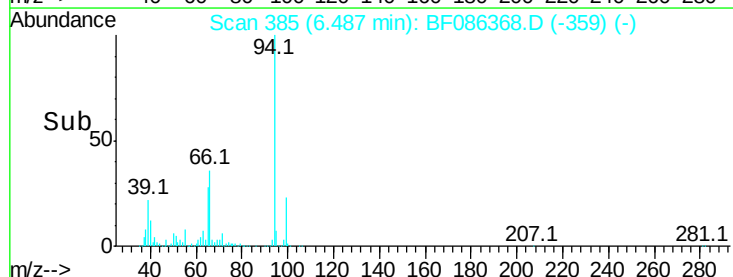
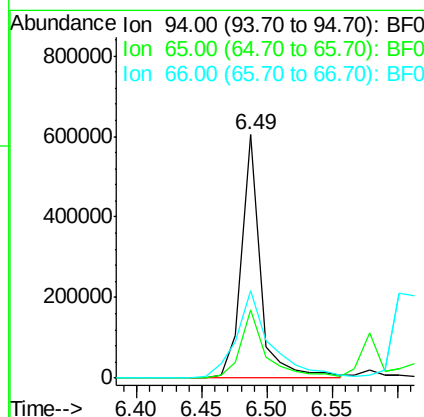
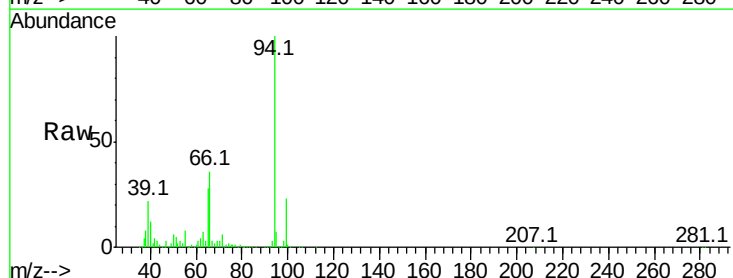
RT: 6.49 min Scan# 385

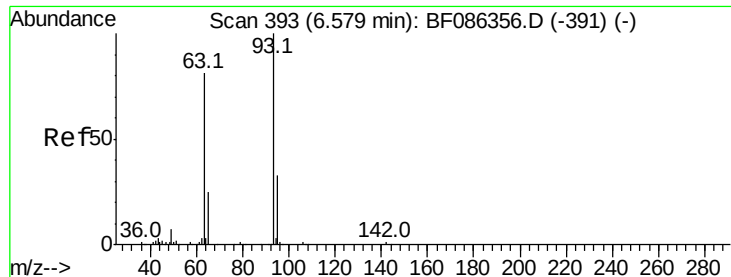
Delta R.T. -0.00 min

Lab File: BF086368.D

Acq: 23 Apr 2016 3:52

Tgt Ion:	94	Resp:	608335
Ion	Ratio	Lower	Upper
94	100		
65	27.8	7.2	47.2
66	36.0	14.9	54.9





#11

bis(2-Chloroethyl)ether

Concen: 34.47 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.00 min

Lab File: BF086368.D

Acq: 23 Apr 2016 3:52

Instrument :

BNA_F

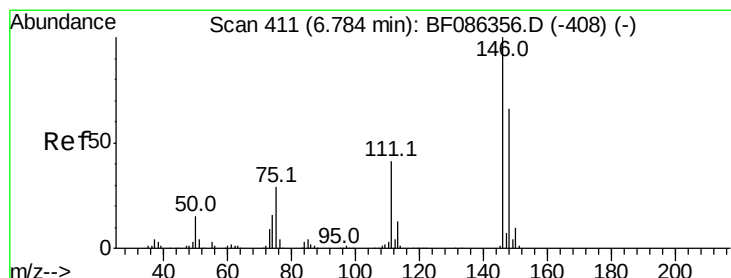
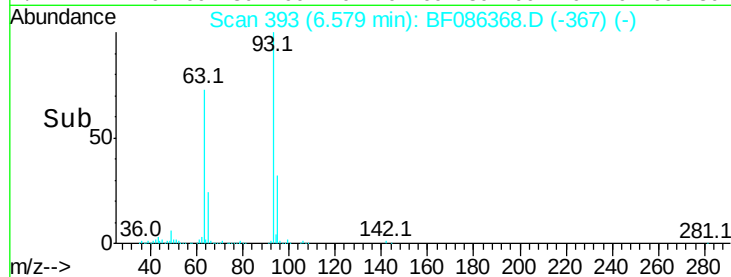
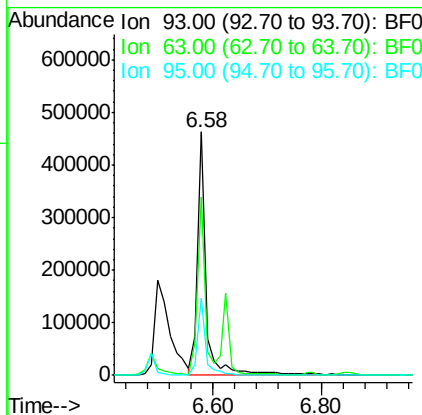
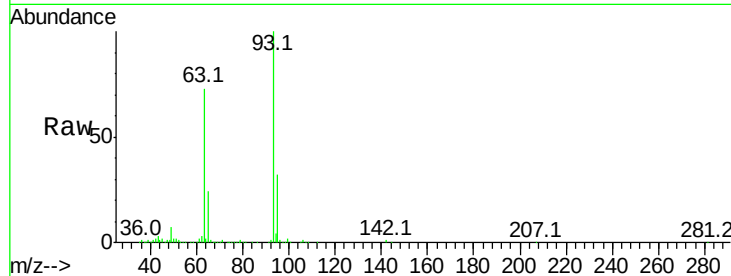
ClientSampleId :

PB89989BS

Tot Ion:	93	Resp:	492276
Ion Ratio	Lower	Upper	
93	100		
63	73.2	58.0	98.0
95	31.8	11.9	51.9

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 36.62 ng

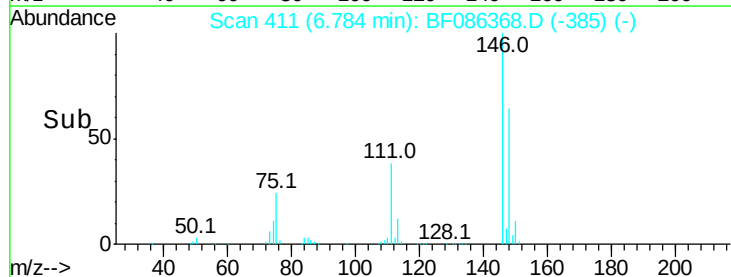
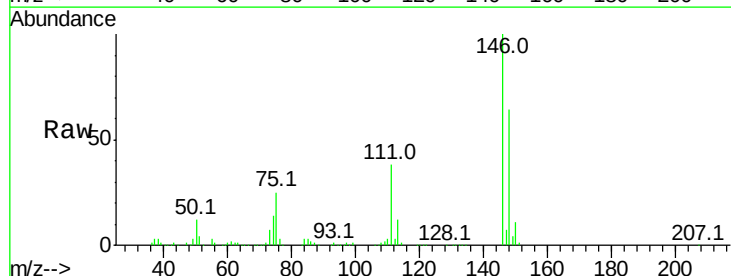
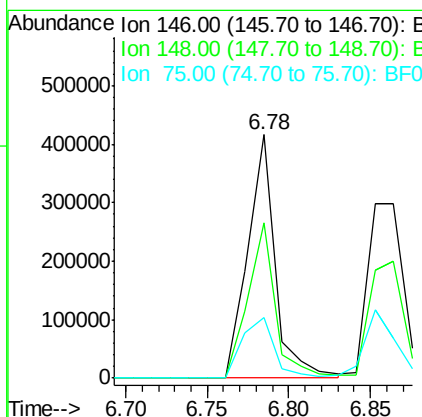
RT: 6.78 min Scan# 411

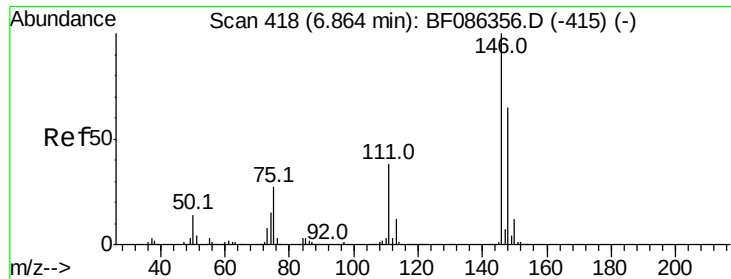
Delta R.T. -0.00 min

Lab File: BF086368.D

Acq: 23 Apr 2016 3:52

Tgt Ion:	146	Resp:	487305
Ion Ratio	Lower	Upper	
146	100		
148	63.5	52.4	78.6
75	25.1	22.8	34.2





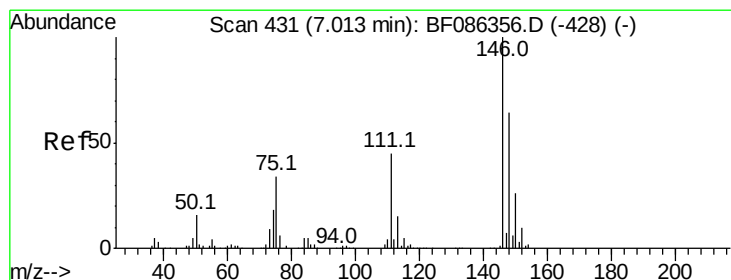
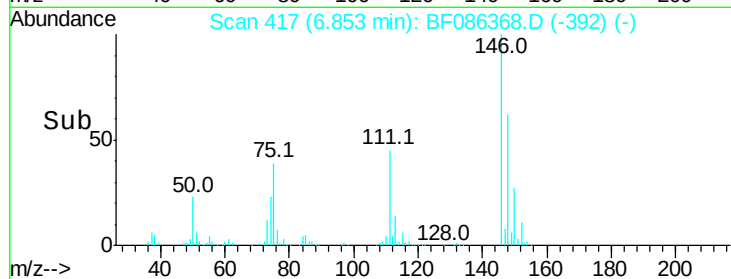
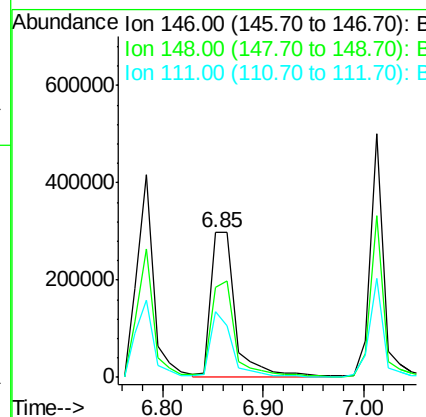
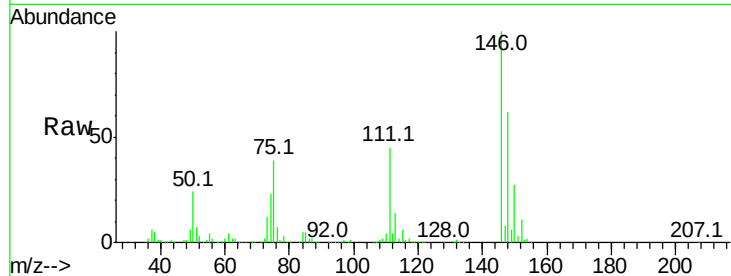
#13
1,4-Dichlorobenzene
Concen: 34.73 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.01 min
Lab File: BF086368.D
Acq: 23 Apr 2016 3:52

Instrument :
BNA_F
ClientSampled :
PB89989BS

Tot Ion	Ratio	Resp	Lower	Upper
146	100	507595		
148	62.3	52.2	78.4	
111	45.0	30.7	46.1	

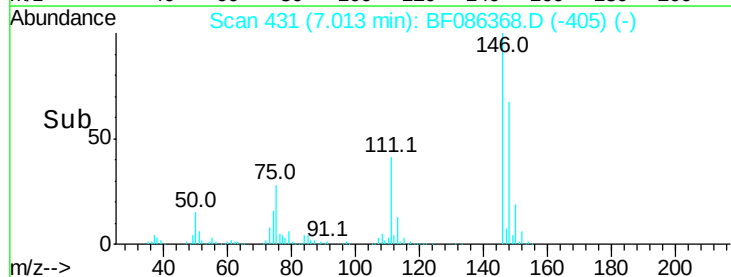
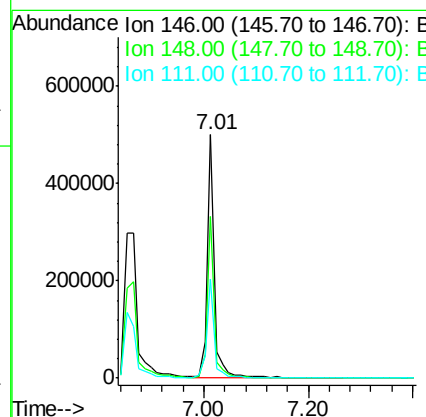
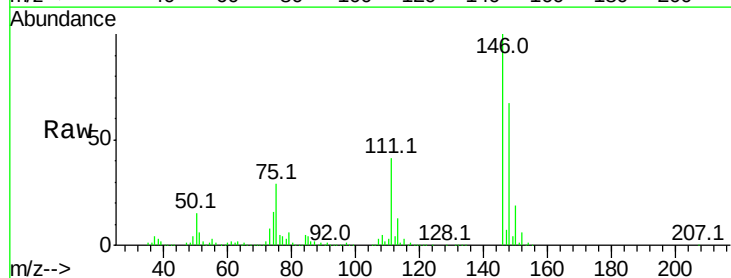
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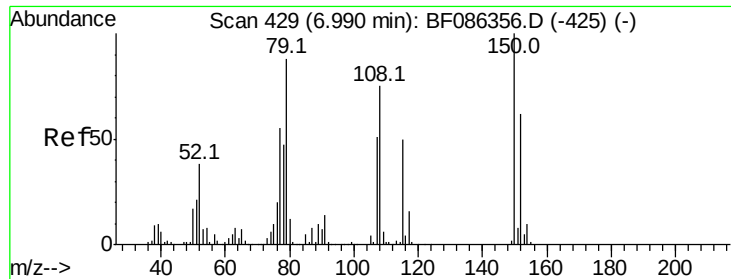
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#14
1,2-Dichlorobenzene
Concen: 36.11 ng
RT: 7.01 min Scan# 431
Delta R.T. -0.00 min
Lab File: BF086368.D
Acq: 23 Apr 2016 3:52

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	479485		
148	66.6	51.0	76.6	
111	40.9	36.2	54.4	





#15

Benzyl Alcohol

Concen: 39.59 ng

RT: 6.99 min Scan# 429

Delta R.T. 0.00 min

Lab File: BF086368.D

Acq: 23 Apr 2016 3:52

Instrument :

BNA_F

ClientSampleId :

PB89989BS

Tot Ion: 79 Resp: 326432

Ion Ratio Lower Upper

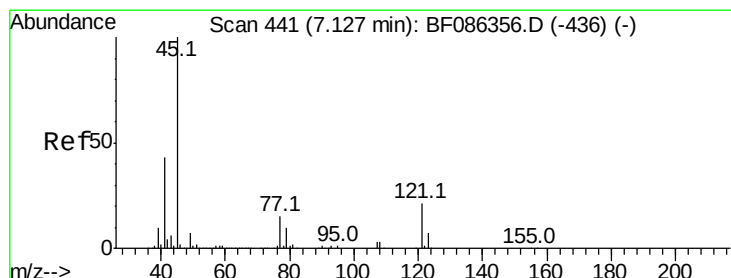
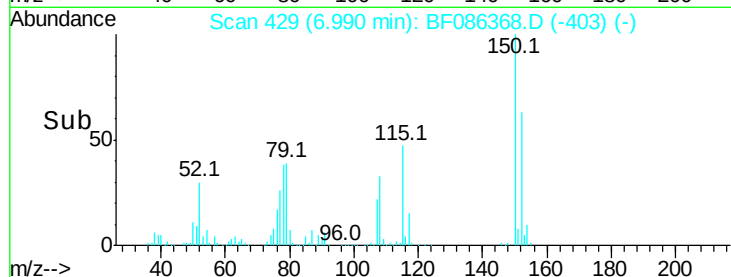
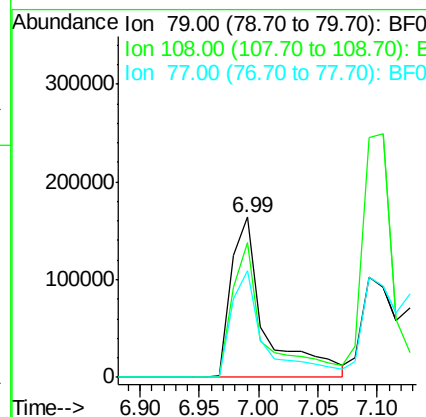
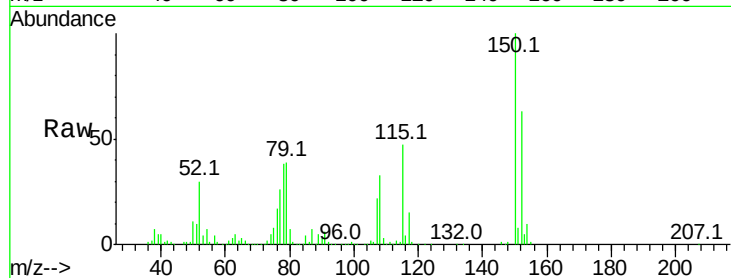
79 100

108 84.6 68.4 102.6

77 66.3 50.6 76.0

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 34.01 ng

RT: 7.13 min Scan# 441

Delta R.T. -0.00 min

Lab File: BF086368.D

Acq: 23 Apr 2016 3:52

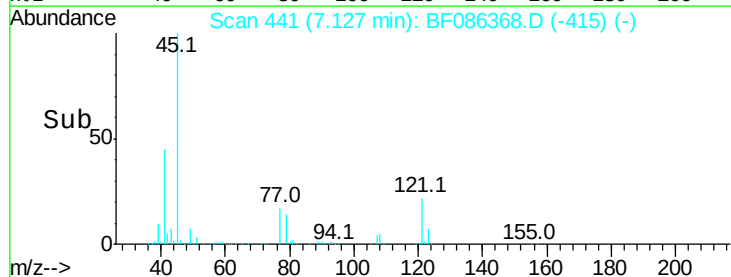
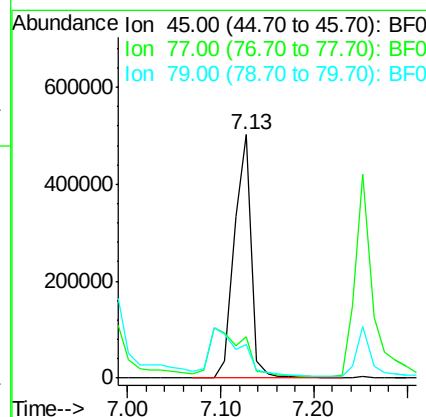
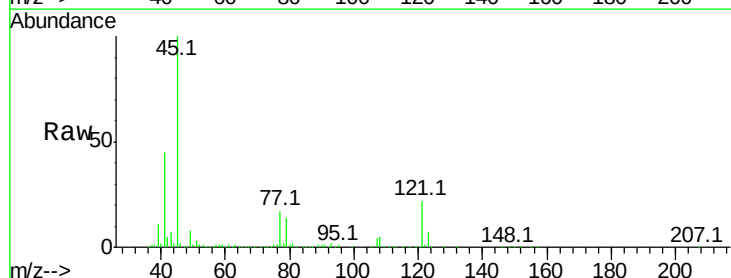
Tgt Ion: 45 Resp: 636672

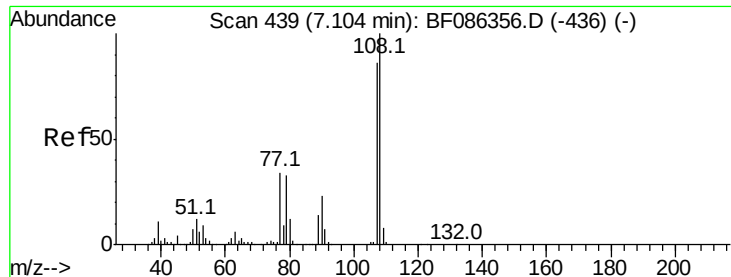
Ion Ratio Lower Upper

45 100

77 17.0 0.0 36.4

79 14.0 0.0 33.4





#17

2-Methylphenol

Concen: 37.56 ng

RT: 7.10 min Scan# 439

Delta R.T. -0.00 min

Lab File: BF086368.D

Acq: 23 Apr 2016 3:52

Instrument :

BNA_F

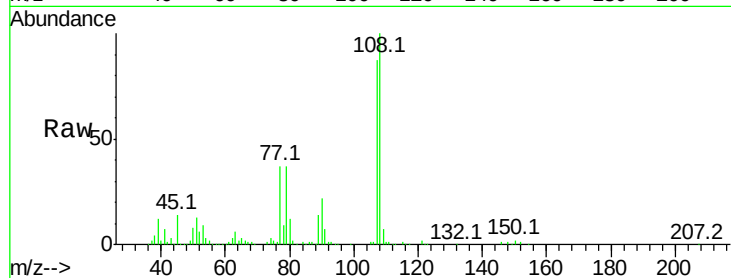
ClientSampled :

PB89989BS

Tot Ion:	107	Resp:	384004
Ion Ratio	Lower	Upper	
107	100		
108	114.5	93.7	140.5
77	42.6	33.4	50.0
79	42.2	34.3	51.5

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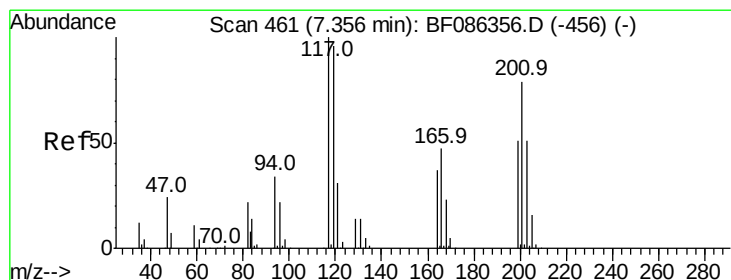
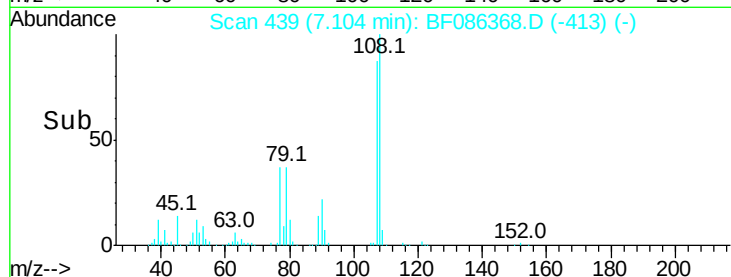
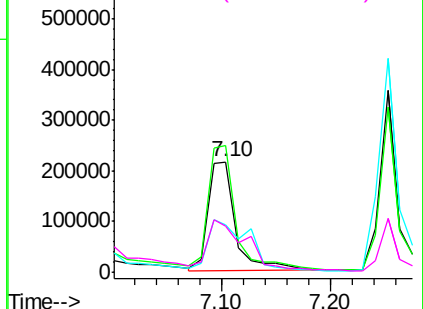


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 35.96 ng

RT: 7.36 min Scan# 461

Delta R.T. -0.00 min

Lab File: BF086368.D

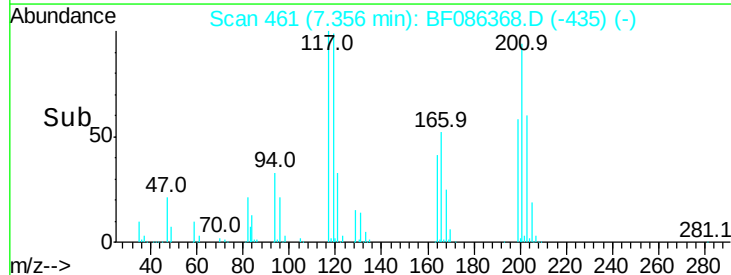
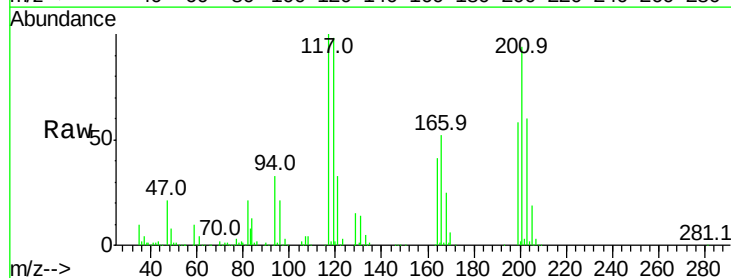
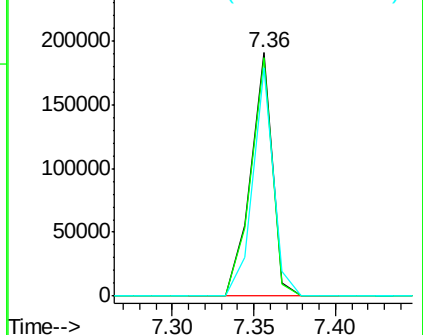
Acq: 23 Apr 2016 3:52

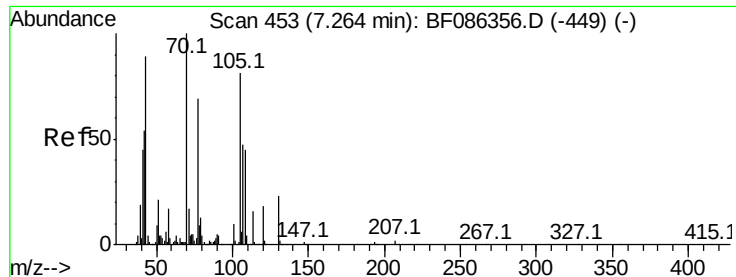
Tgt Ion:	117	Resp:	177035
Ion Ratio	Lower	Upper	
117	100		
119	98.2	76.5	114.7
201	93.8	63.0	94.6

Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





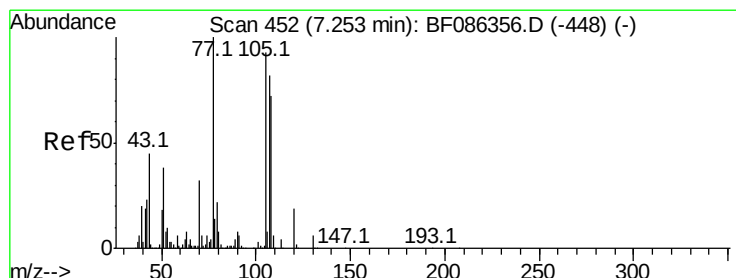
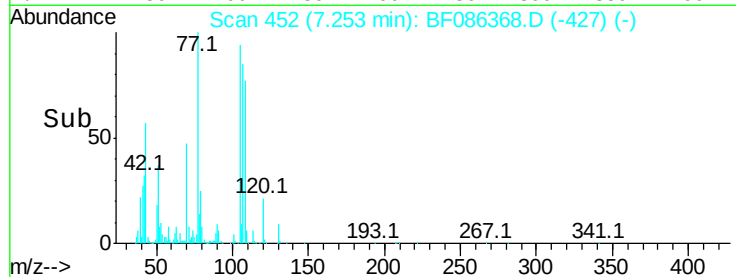
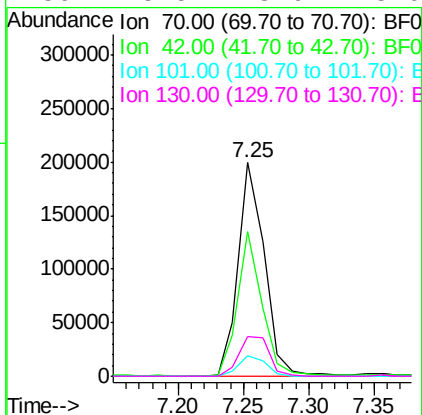
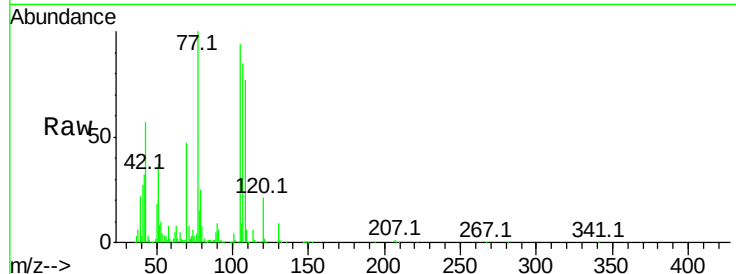
#19
n-Nitroso-di-n-propylamine
Concen: 33.63 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.01 min
Lab File: BF086368.D
Acq: 23 Apr 2016 3:52

Instrument :
BNA_F
ClientSampleId :
PB89989BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		279201		
42	67.8	43.1	64.7#		
101	9.3	8.1	12.1		
130	18.5	18.6	28.0#		

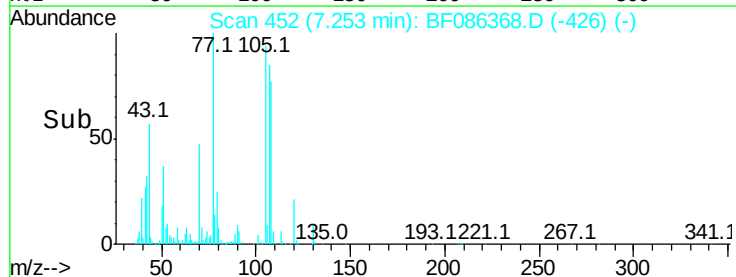
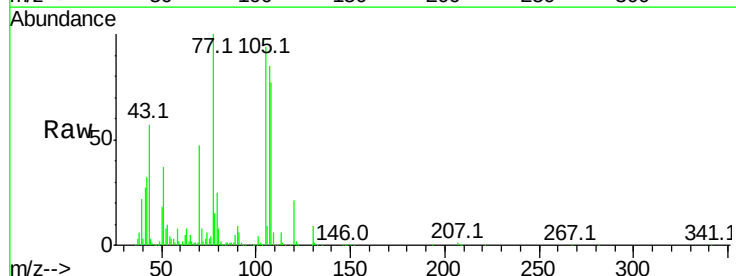
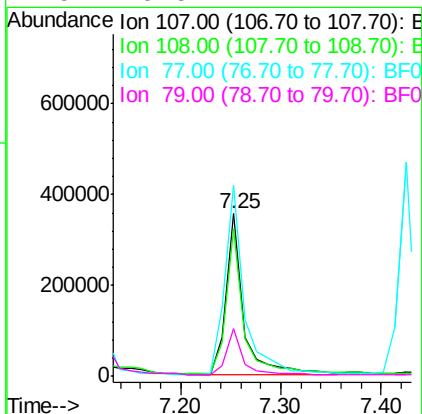
Manual Integrations
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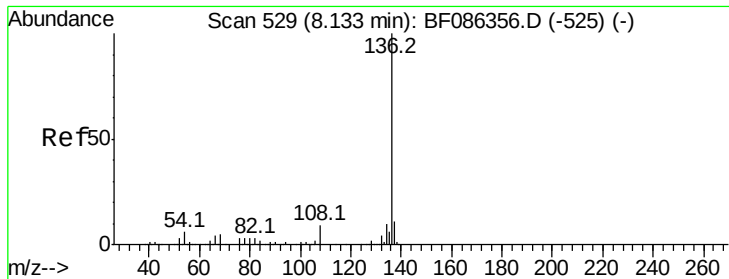
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#20
3+4-Methylphenols
Concen: 39.76 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.00 min
Lab File: BF086368.D
Acq: 23 Apr 2016 3:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		430822		
108	91.1	68.5	108.5		
77	117.7	101.6	141.6		
79	29.5	7.4	47.4		





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 528

Delta R.T. -0.01 min

Lab File: BF086368.D

Acq: 23 Apr 2016 3:52

Instrument :

BNA_F

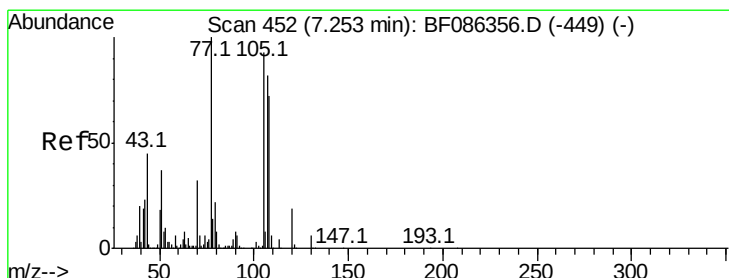
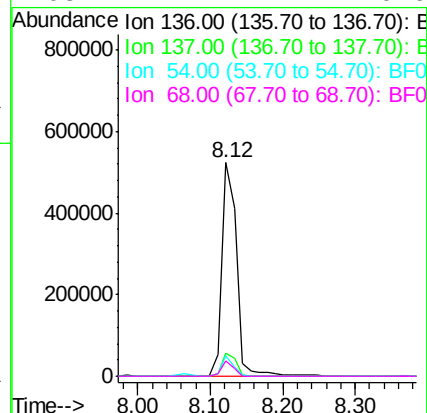
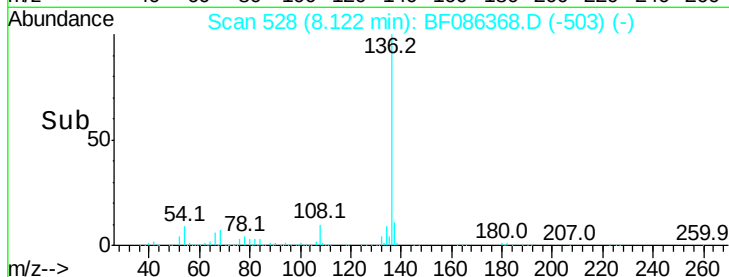
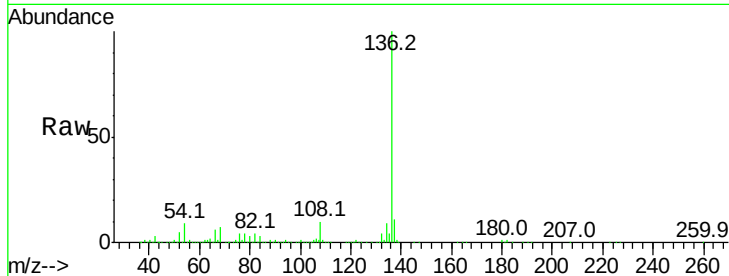
ClientSampleId :

PB89989BS

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Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	8.8	13.2	
54	9.3	5.0	7.4#	
68	7.4	4.4	6.6#	



#22

Acetophenone

Concen: 38.80 ng

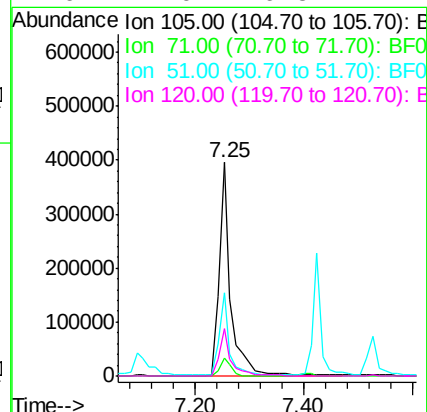
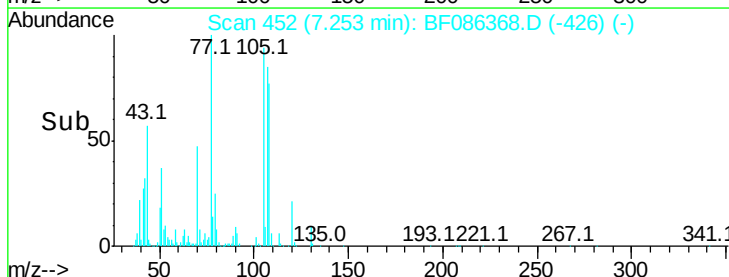
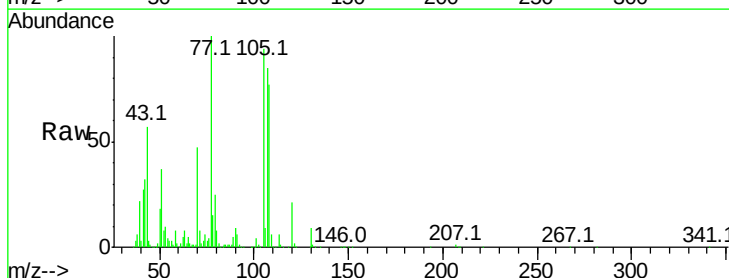
RT: 7.25 min Scan# 452

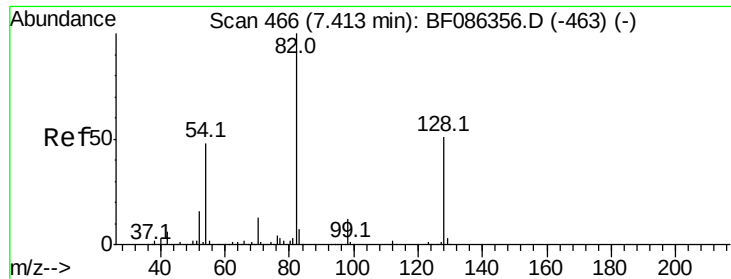
Delta R.T. -0.00 min

Lab File: BF086368.D

Acq: 23 Apr 2016 3:52

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	8.4	4.8	7.2#	
51	39.2	32.6	49.0	
120	22.0	16.5	24.7	





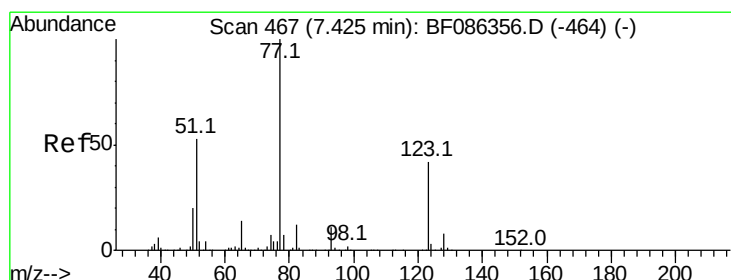
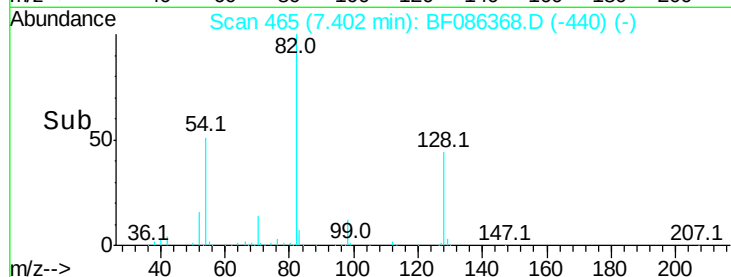
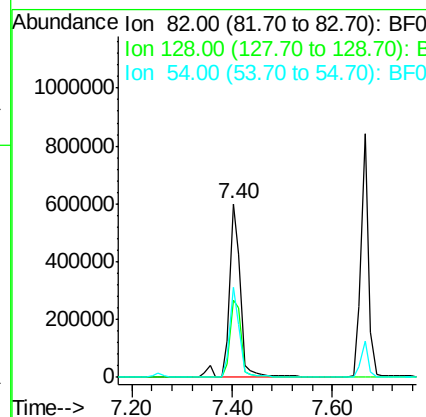
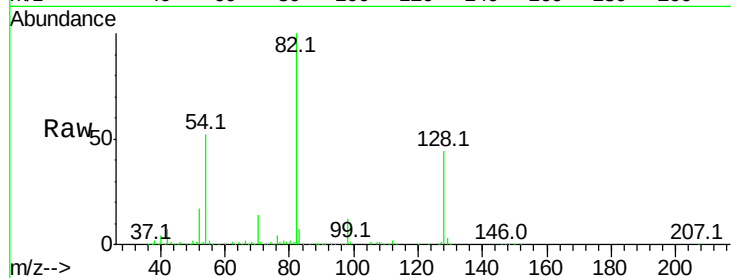
#23
 Nitrobenzene-d5
 Concen: 74.78 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.01 min
 Lab File: BF086368.D
 Acq: 23 Apr 2016 3:52

Instrument :
 BNA_F
 ClientSampled :
 PB89989BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.2	40.6	61.0
54	51.6	38.1	57.1

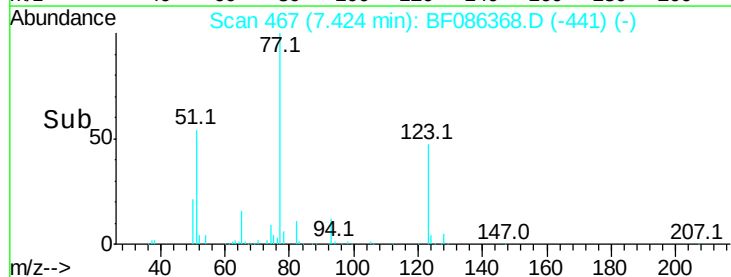
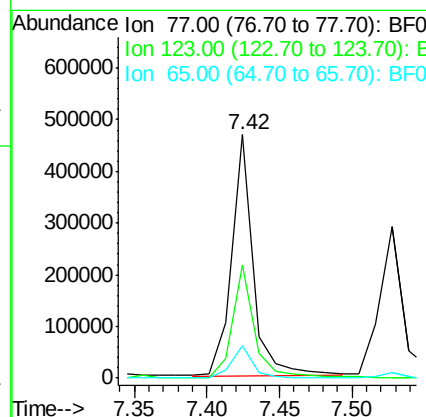
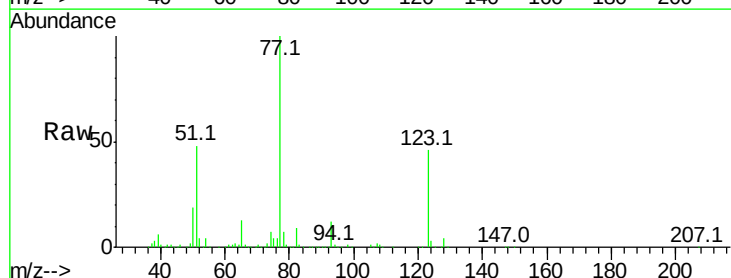
Manual Integrations
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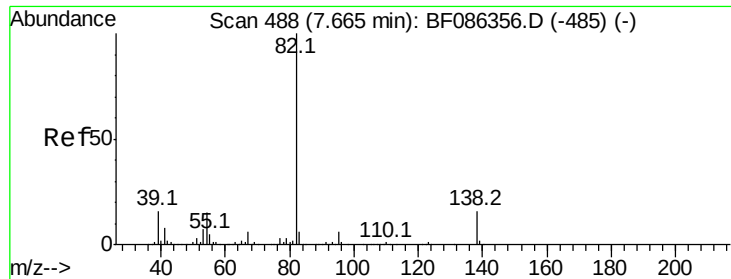
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#24
 Nitrobenzene
 Concen: 35.82 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.00 min
 Lab File: BF086368.D
 Acq: 23 Apr 2016 3:52

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.4	33.0	49.4
65	13.3	10.8	16.2





#25

Isophorone

Concen: 35.20 ng

RT: 7.66 min Scan# 488

Delta R.T. -0.00 min

Lab File: BF086368.D

Acq: 23 Apr 2016 3:52

Instrument :

BNA_F

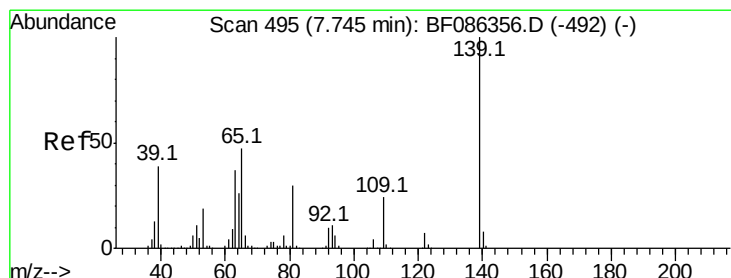
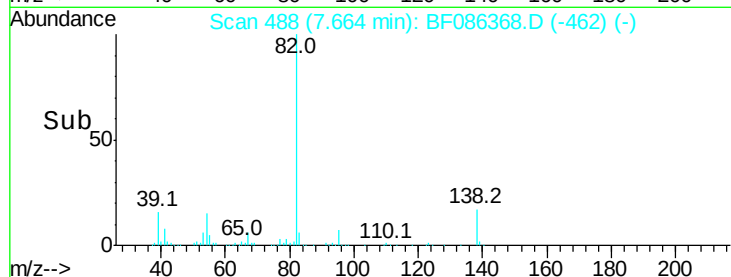
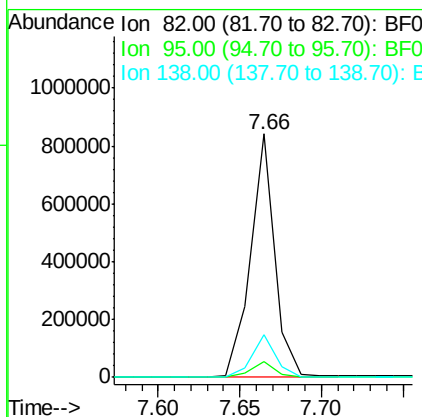
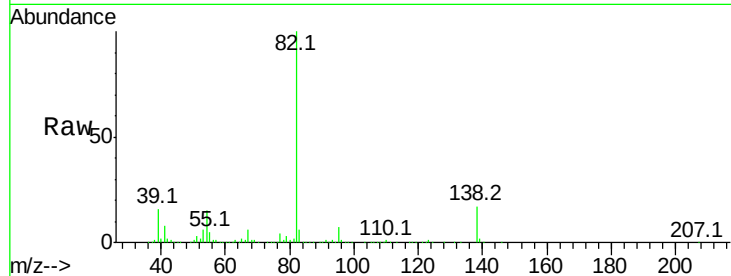
ClientSampled :

PB89989BS

Tot Ion:	82	Resp:	860622
Ion Ratio	Lower	Upper	
82	100		
95	6.6	5.1	7.7
138	17.3	12.4	18.6

Manual Integrations
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#26

2-Nitrophenol

Concen: 39.70 ng

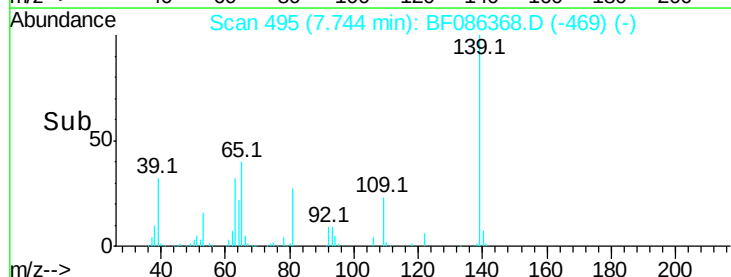
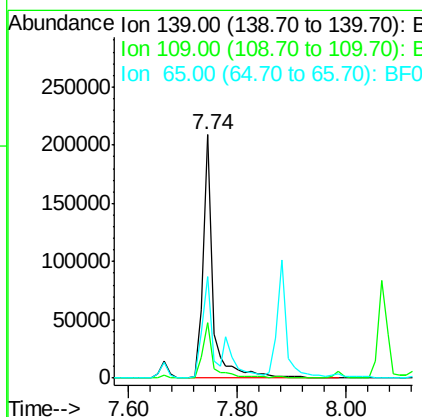
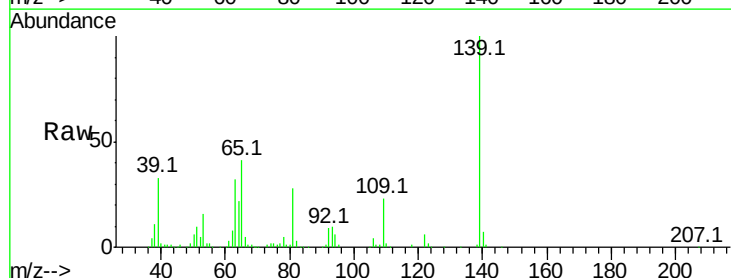
RT: 7.74 min Scan# 495

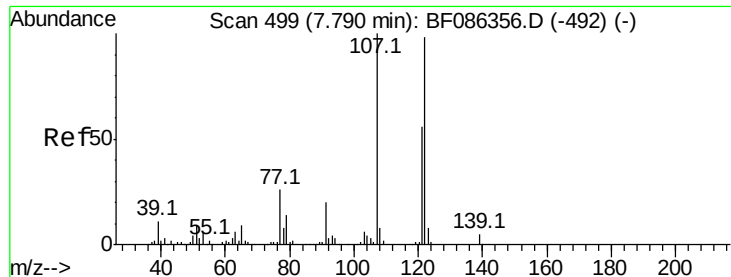
Delta R.T. -0.00 min

Lab File: BF086368.D

Acq: 23 Apr 2016 3:52

Tgt Ion:	139	Resp:	262463
Ion Ratio	Lower	Upper	
139	100		
109	22.8	19.5	29.3
65	41.5	37.5	56.3





#27

2,4-Dimethylphenol

Concen: 38.43 ng

RT: 7.78 min Scan# 498

Delta R.T. -0.01 min

Lab File: BF086368.D

Acq: 23 Apr 2016 3:52

Instrument :

BNA_F

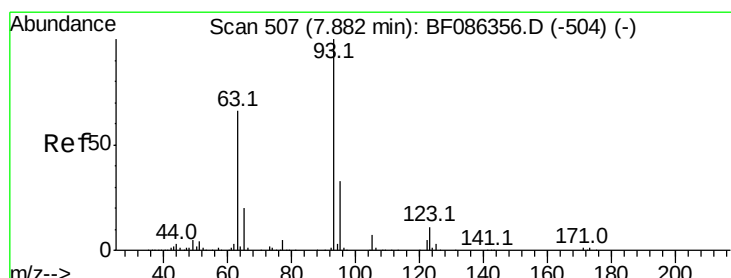
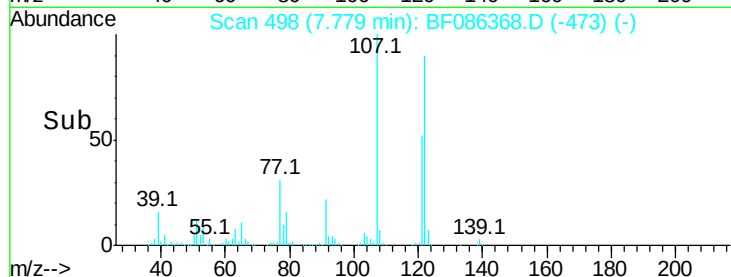
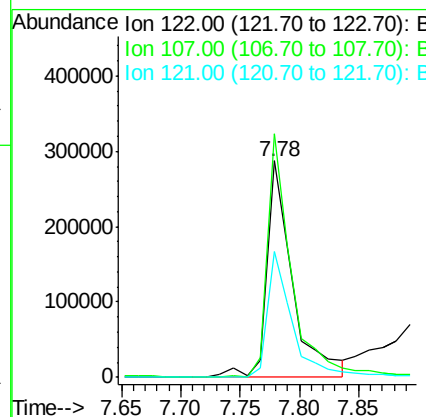
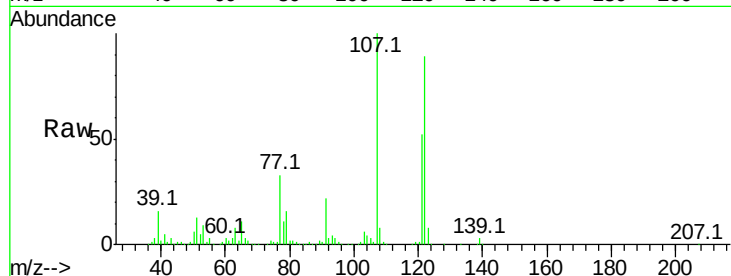
ClientSampleId :

PB89989BS

Tot Ion:	122	Resp:	435139
Ion Ratio	Lower	Upper	
122	100		
107	112.5	82.0	123.0
121	58.2	46.1	69.1

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#28

bis(2-Chloroethoxy)methane

Concen: 41.27 ng

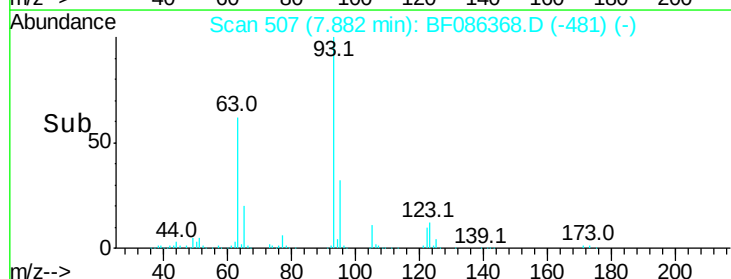
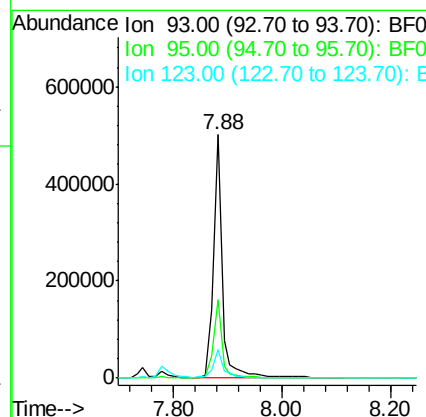
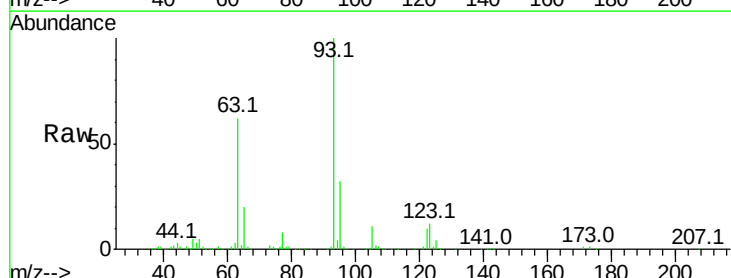
RT: 7.88 min Scan# 507

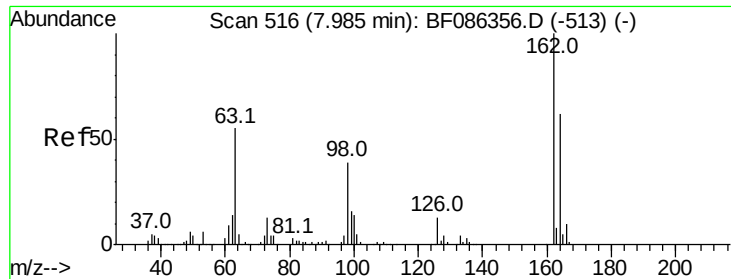
Delta R.T. -0.00 min

Lab File: BF086368.D

Acq: 23 Apr 2016 3:52

Tgt Ion:	93	Resp:	563381
Ion Ratio	Lower	Upper	
93	100		
95	32.1	26.0	39.0
123	11.9	9.5	14.3





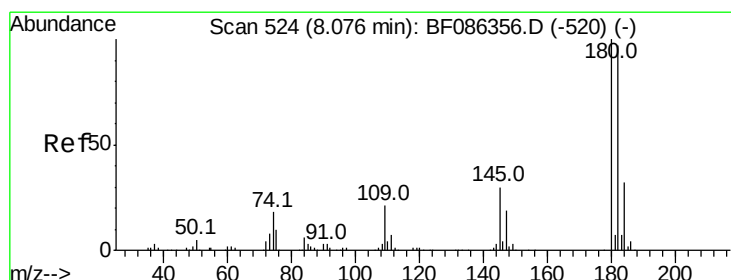
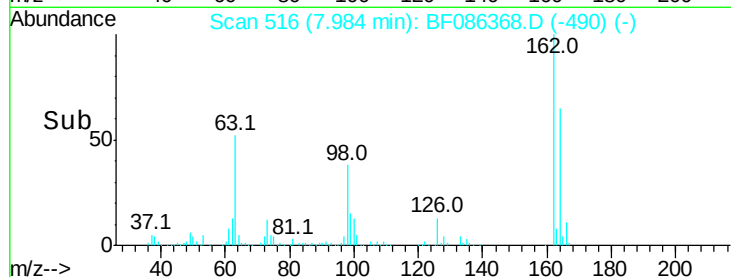
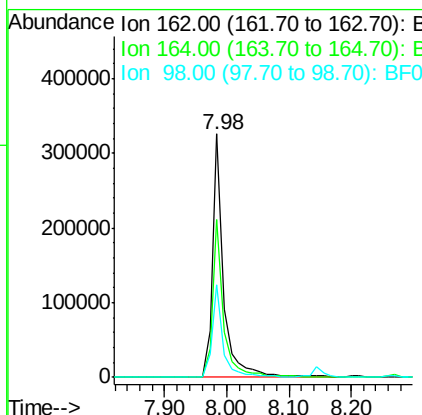
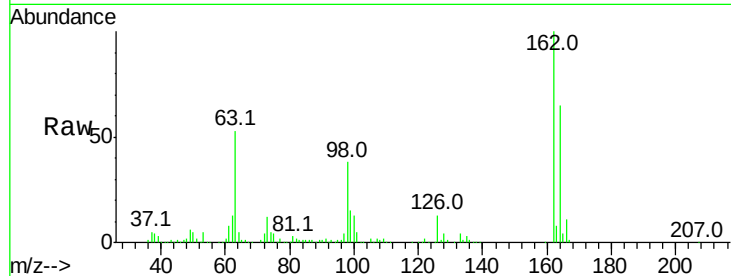
#29
 2,4-Dichlorophenol
 Concen: 43.02 ng
 RT: 7.98 min Scan# 516
 Delta R.T. -0.00 min
 Lab File: BF086368.D
 Acq: 23 Apr 2016 3:52

Instrument :
 BNA_F
 ClientSampled :
 PB89989BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	402659		
164	64.6		42.2	82.2
98	37.9		19.0	59.0

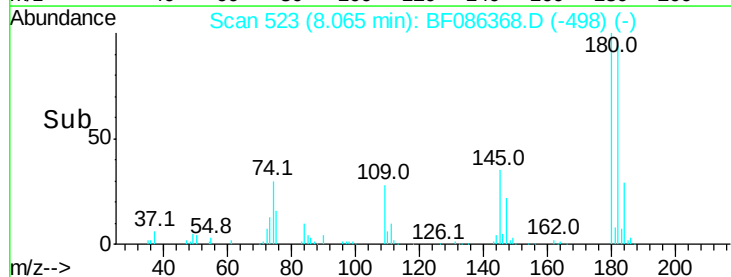
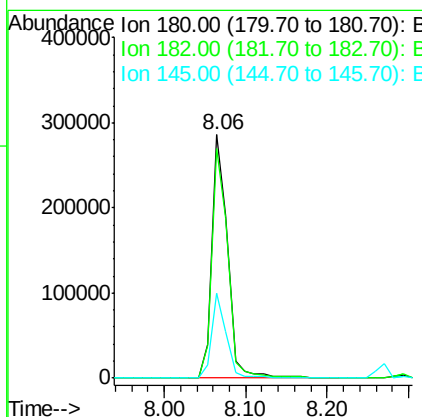
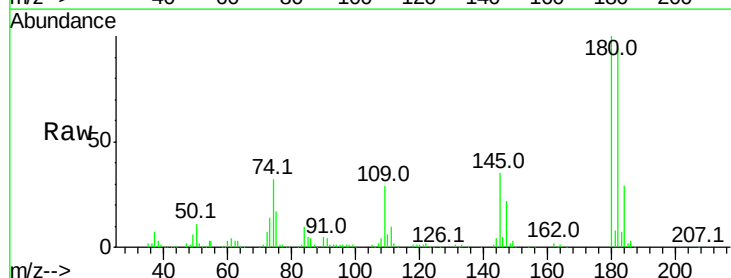
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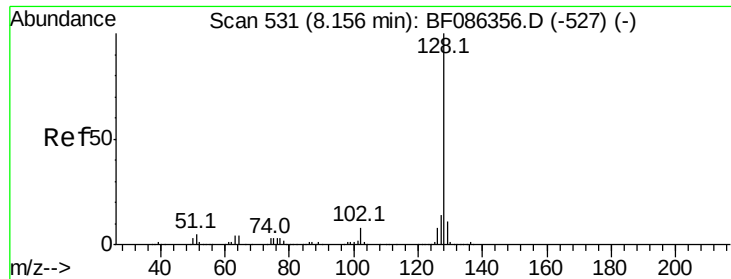
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#30
 1,2,4-Trichlorobenzene
 Concen: 38.23 ng
 RT: 8.06 min Scan# 523
 Delta R.T. -0.01 min
 Lab File: BF086368.D
 Acq: 23 Apr 2016 3:52

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	388687		
182	94.4		78.0	117.0
145	34.7		24.2	36.2





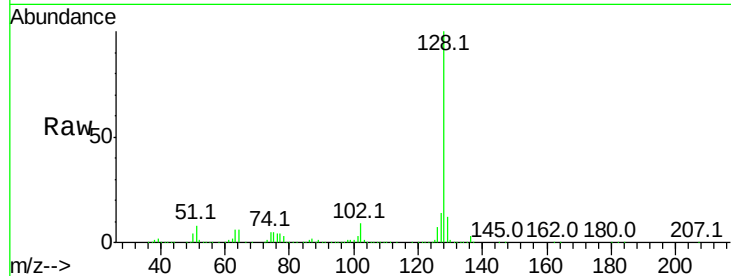
#31
Naphthalene
Concen: 35.76 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.01 min
Lab File: BF086368.D
Acq: 23 Apr 2016 3:52

Instrument :
BNA_F
ClientSampleId :
PB89989BS

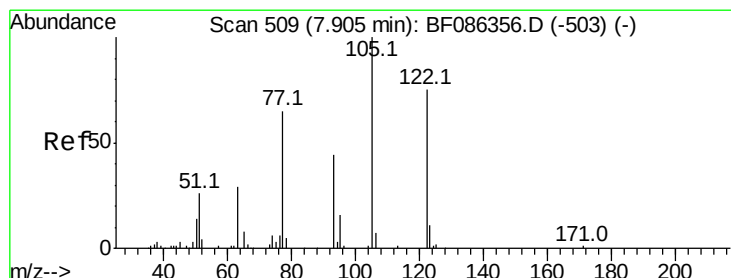
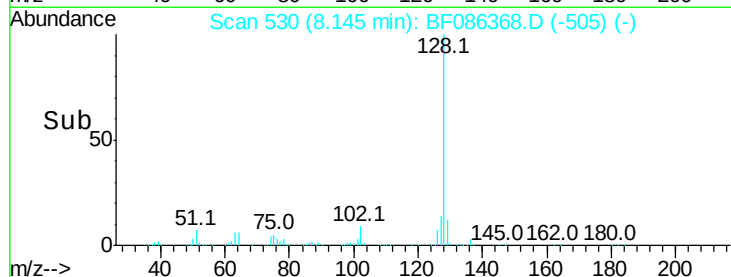
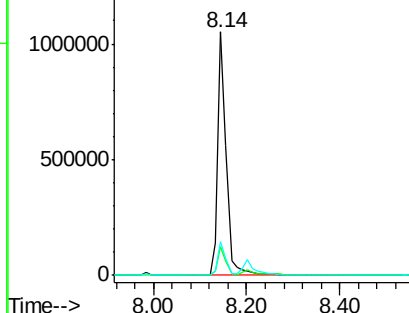
Tot Ion:128 Resp: 1346465
Ion Ratio Lower Upper
128 100
129 11.5 8.6 13.0
127 14.0 10.8 16.2

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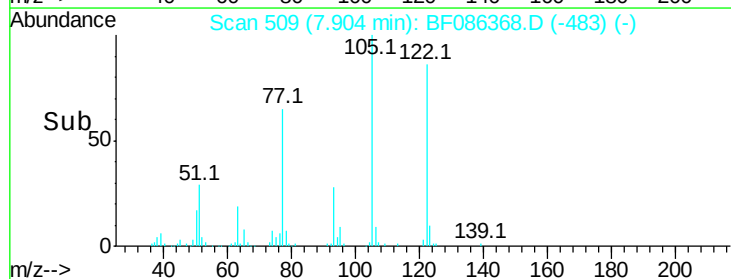
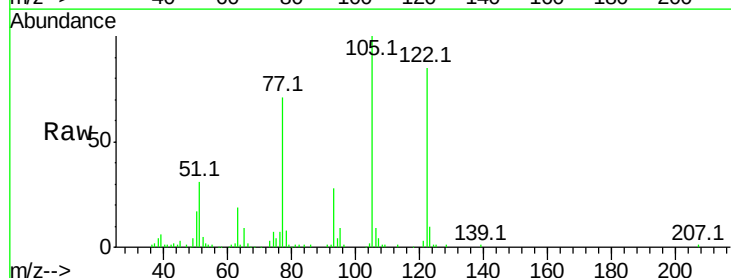
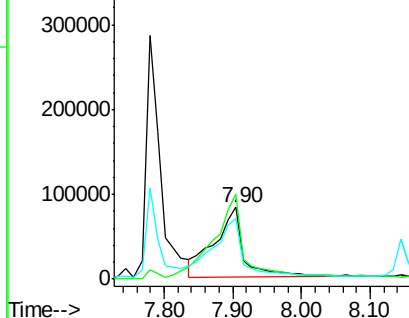
Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

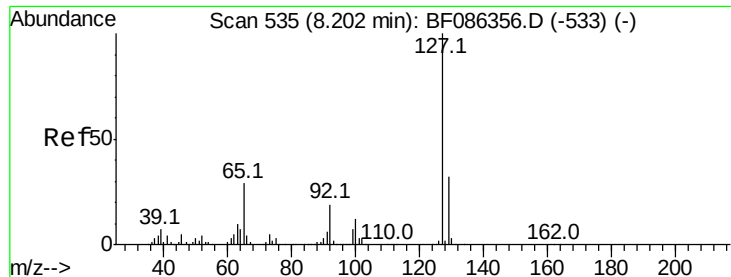


#32
Benzoic acid
Concen: 34.32 ng
RT: 7.90 min Scan# 509
Delta R.T. 0.00 min
Lab File: BF086368.D
Acq: 23 Apr 2016 3:52

Tgt Ion:122 Resp: 248415
Ion Ratio Lower Upper
122 100
105 118.2 92.6 132.6
77 84.3 60.0 100.0

Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





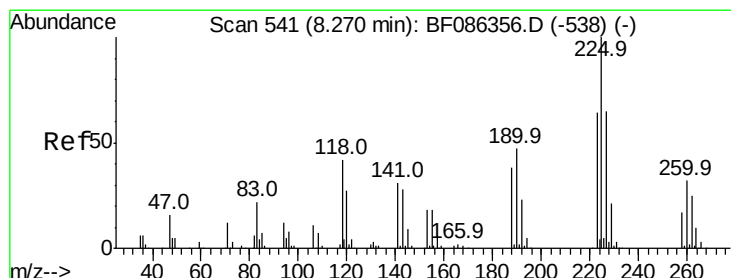
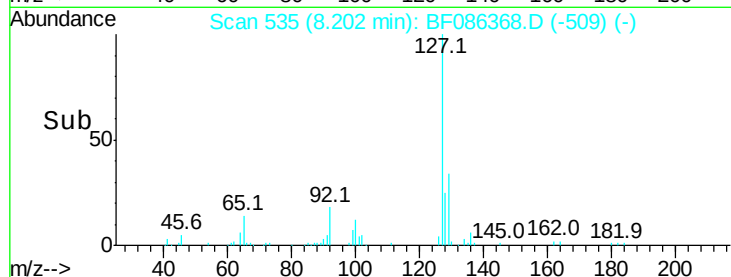
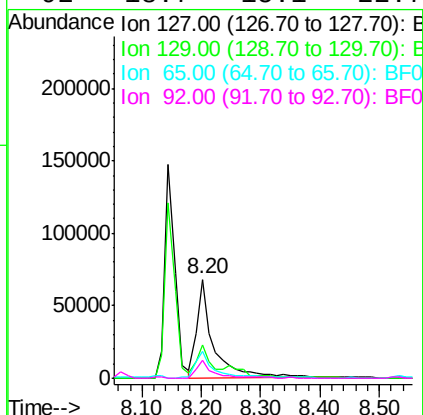
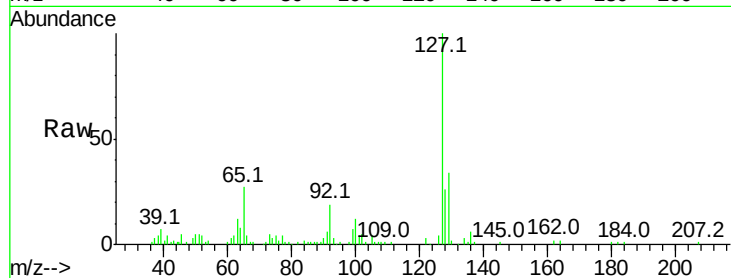
#33
 4-Chloroaniline
 Concen: 9.26 ng
 RT: 8.20 min Scan# 535
 Delta R.T. -0.00 min
 Lab File: BF086368.D
 Acq: 23 Apr 2016 3:52

Instrument :
 BNA_F
 ClientSampled :
 PB89989BS

Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	33.8	26.2	39.4
65	27.1	23.0	34.4
92	18.7	15.1	22.7

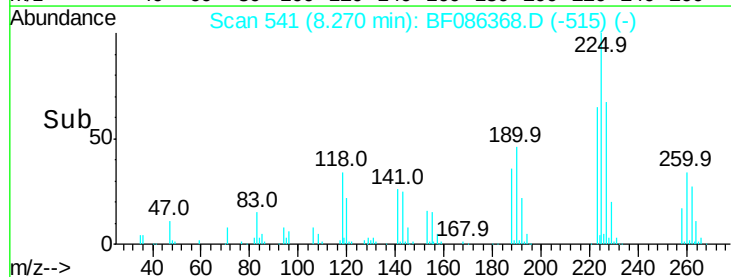
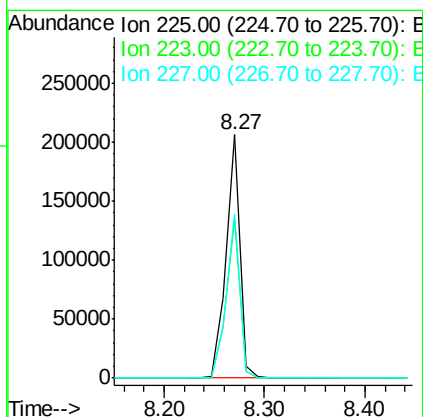
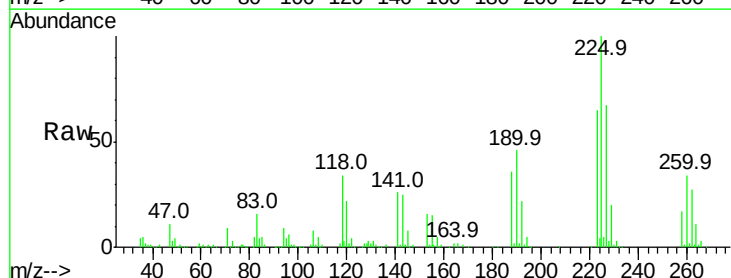
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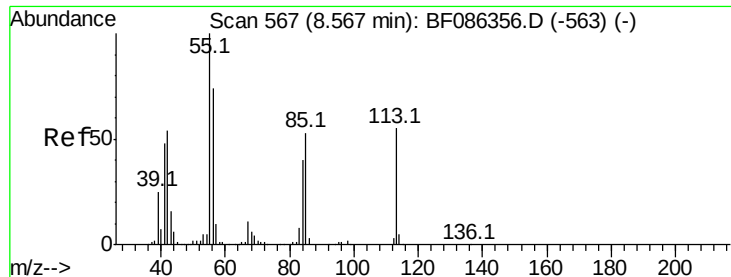
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#34
 Hexachlorobutadiene
 Concen: 38.98 ng
 RT: 8.27 min Scan# 541
 Delta R.T. -0.00 min
 Lab File: BF086368.D
 Acq: 23 Apr 2016 3:52

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	65.4	51.5	77.3
227	67.4	52.2	78.2





#35

Caprolactam

Concen: 39.07 ng/ml

RT: 8.56 min Scan# 566

Delta R.T. -0.01 min

Lab File: BF086368.D

Acq: 23 Apr 2016 3:52

Instrument :

BNA_F

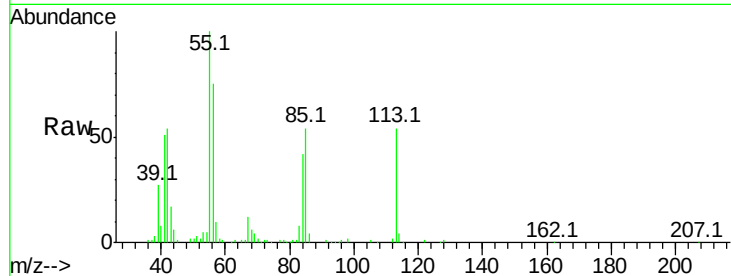
ClientSampled :

PB89989BS

Tot Ion:	113	Resp:	131210
Ion Ratio	Lower	Upper	
113	100		
55	184.9	162.0	202.0
56	138.5	115.3	155.3

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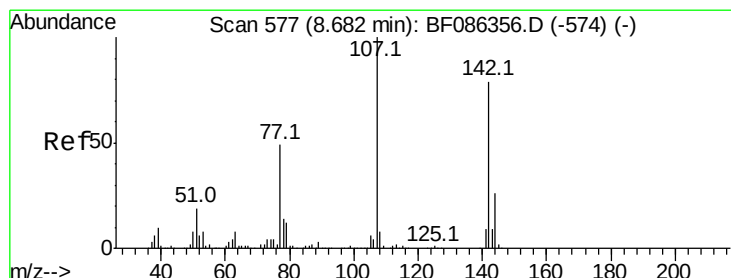
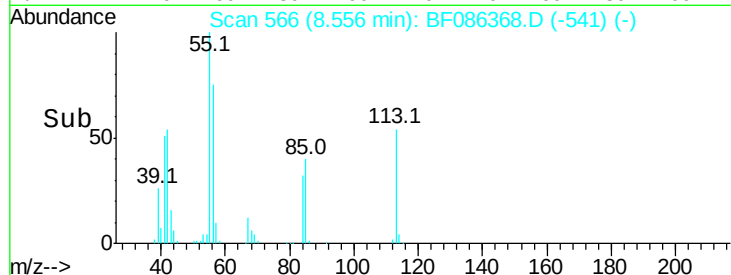
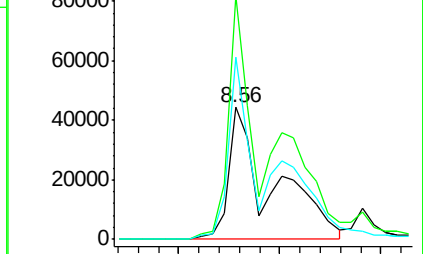
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 40.28 ng/ml

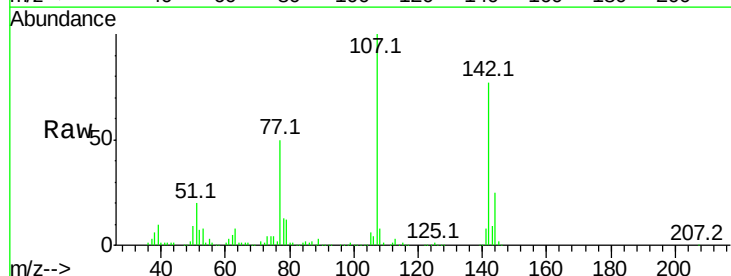
RT: 8.68 min Scan# 577

Delta R.T. -0.00 min

Lab File: BF086368.D

Acq: 23 Apr 2016 3:52

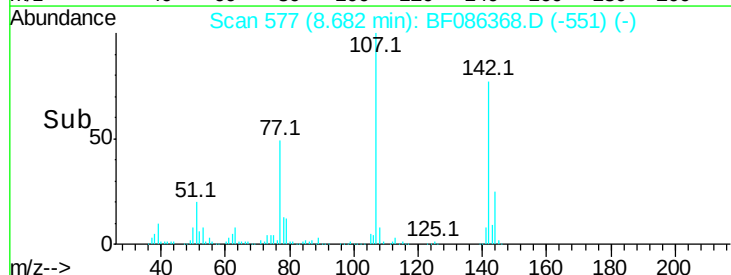
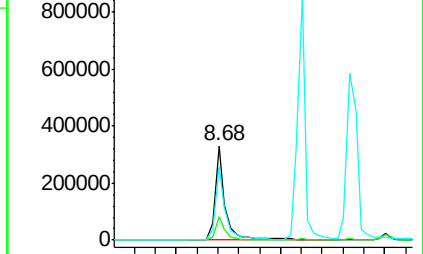
Tgt Ion:	107	Resp:	448068
Ion Ratio	Lower	Upper	
107	100		
144	24.7	20.7	31.1
142	77.3	63.2	94.8

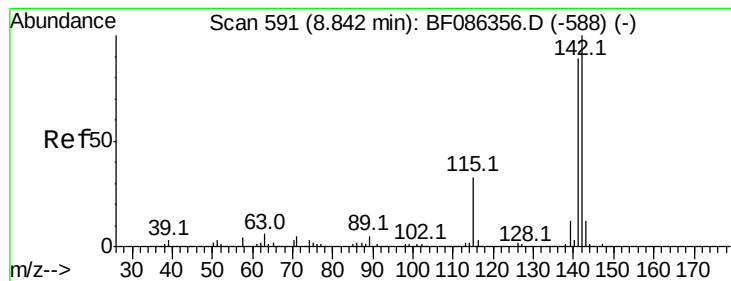


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 41.29 ng

RT: 8.84 min Scan# 591

Delta R.T. -0.00 min

Lab File: BF086368.D

Acq: 23 Apr 2016 3:52

Instrument :

BNA_F

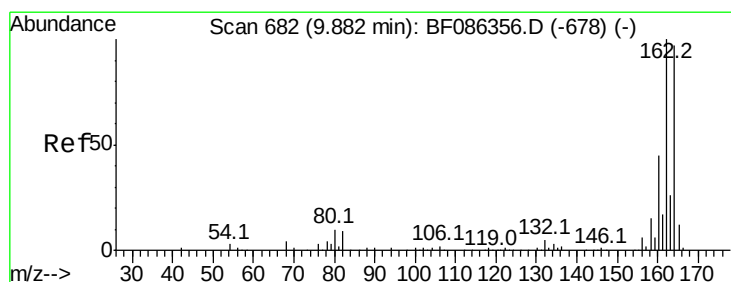
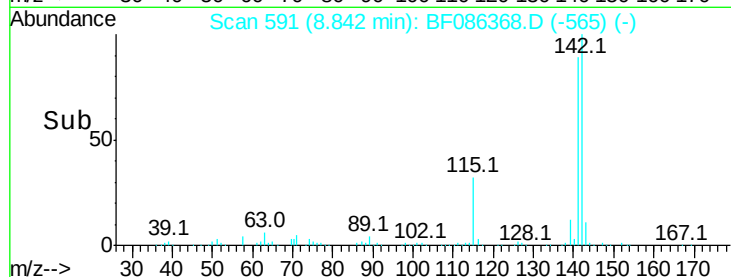
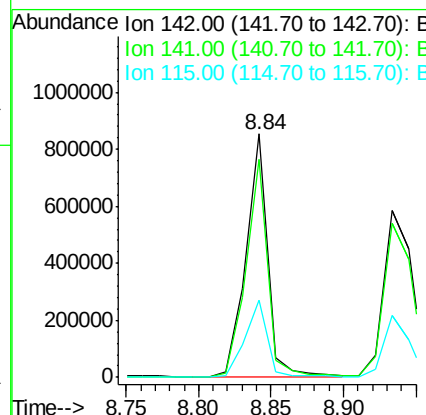
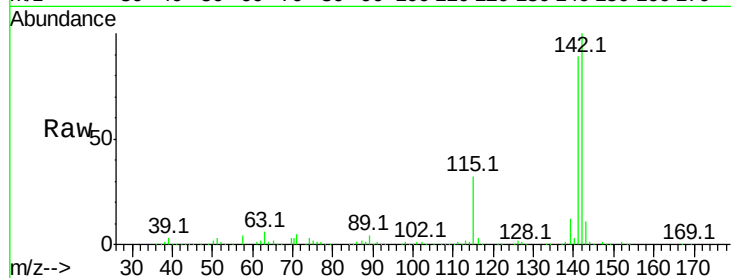
ClientSampled :

PB89989BS

Tot Ion:	142	Resp:	896628
Ion Ratio	Lower	Upper	
142	100		
141	89.5	71.0	106.6
115	31.8	26.6	39.8

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#38

Acenaphthene-d10

Concen: 20.00 ng

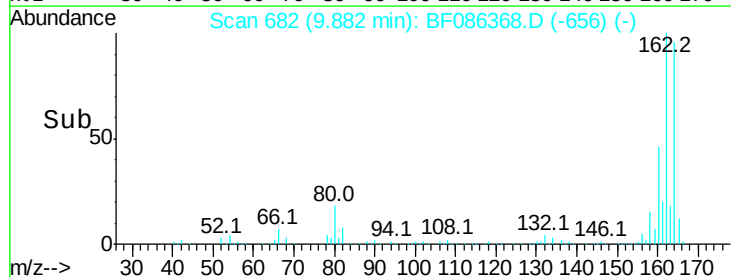
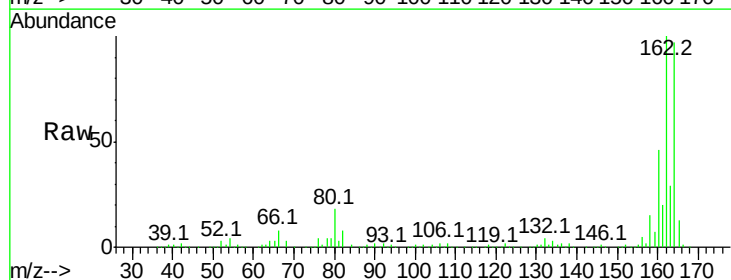
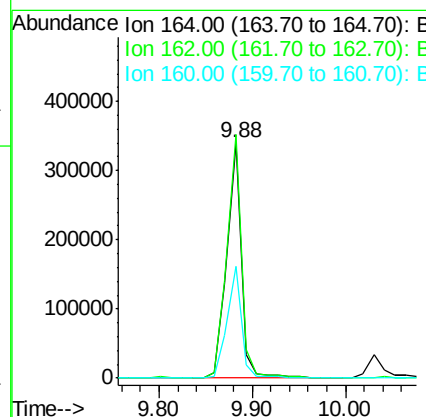
RT: 9.88 min Scan# 682

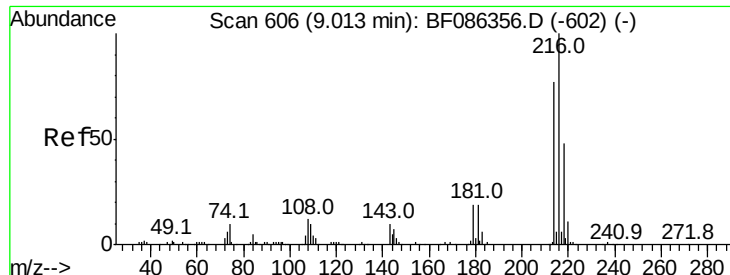
Delta R.T. -0.00 min

Lab File: BF086368.D

Acq: 23 Apr 2016 3:52

Tgt Ion:	164	Resp:	369641
Ion Ratio	Lower	Upper	
164	100		
162	103.6	82.8	124.2
160	47.3	36.9	55.3





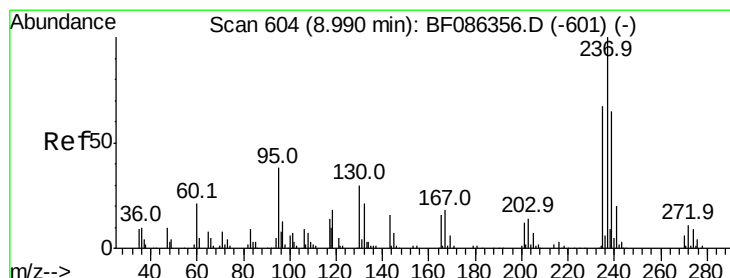
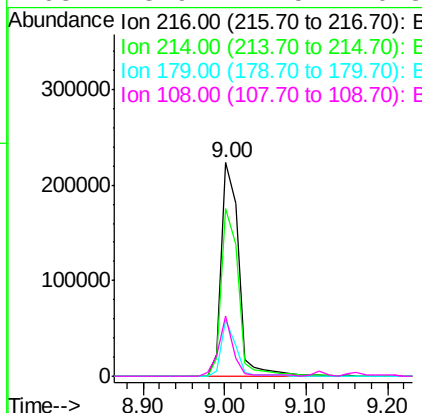
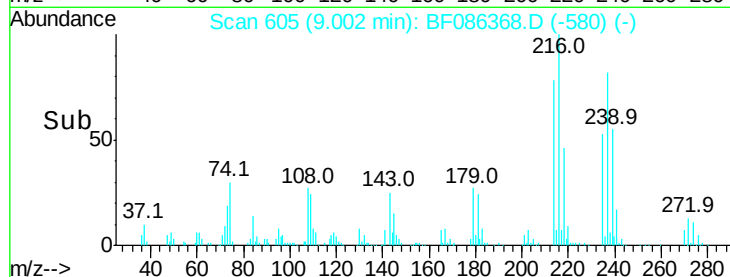
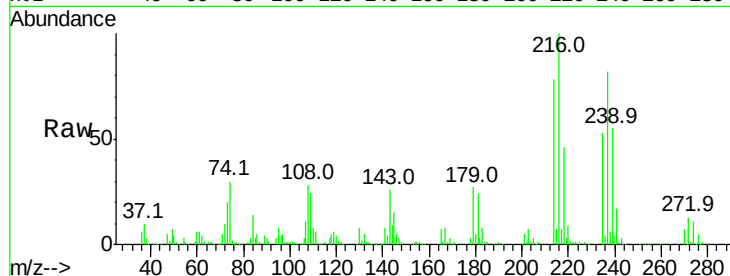
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 34.25 ng
 RT: 9.00 min Scan# 605
 Delta R.T. -0.01 min
 Lab File: BF086368.D
 Acq: 23 Apr 2016 3:52

Instrument :
 BNA_F
 ClientSampled :
 PB89989BS

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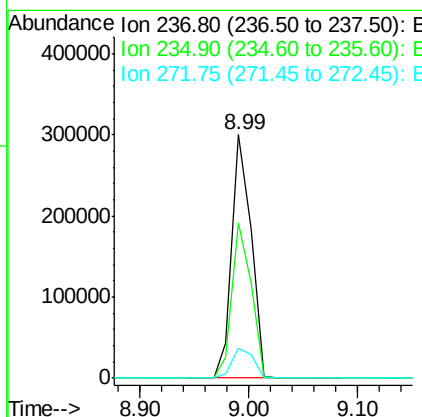
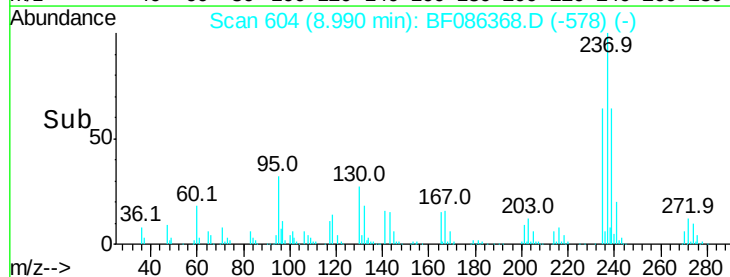
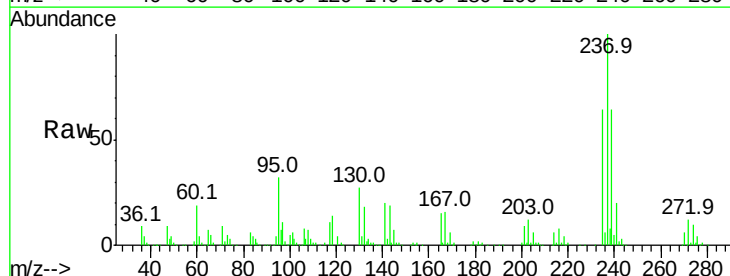
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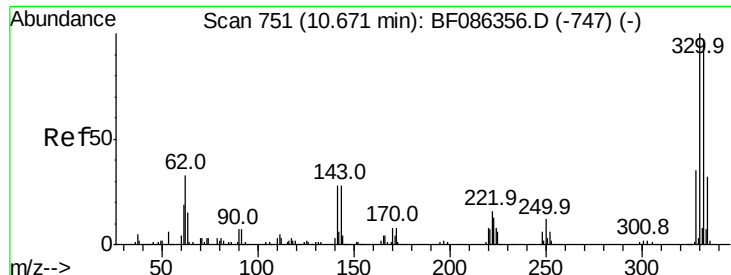
Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	78.2	62.6	93.8
179	22.6	18.2	27.4
108	23.9	17.5	26.3



#40
 Hexachlorocyclopentadiene
 Concen: 78.20 ng
 RT: 8.99 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: BF086368.D
 Acq: 23 Apr 2016 3:52

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	63.8	47.2	87.2
272	12.2	0.0	31.1





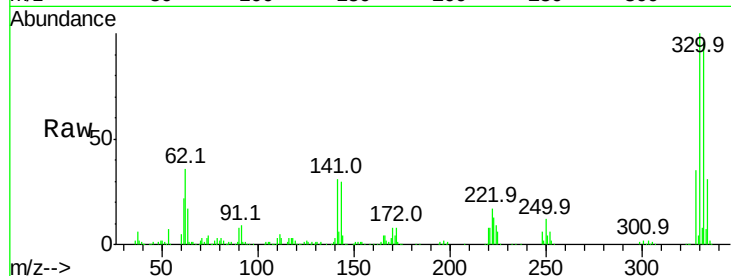
#41
 2,4,6-Tribromophenol
 Concen: 110.62 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.00 min
 Lab File: BF086368.D
 Acq: 23 Apr 2016 3:52

Instrument :
 BNA_F
 ClientSampleId :
 PB89989BS

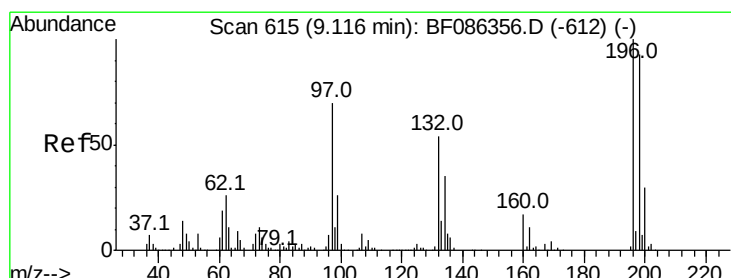
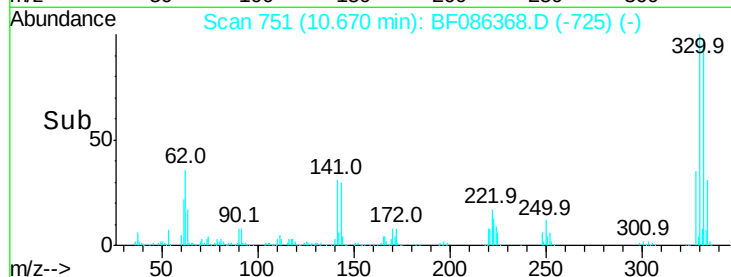
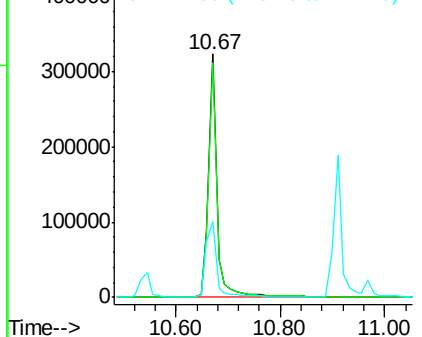
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.2	79.0	118.4	
141	39.5	31.2	46.8	

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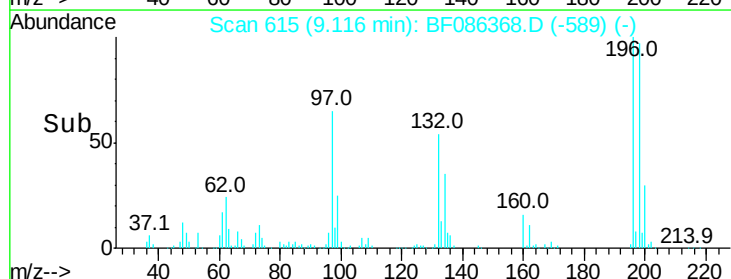
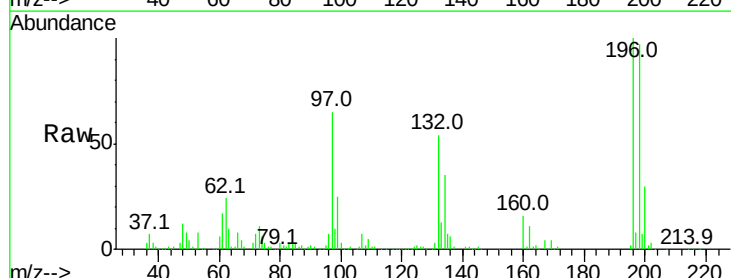
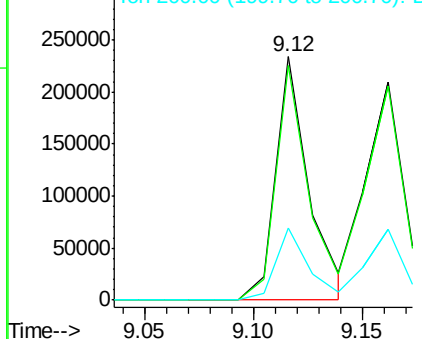
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

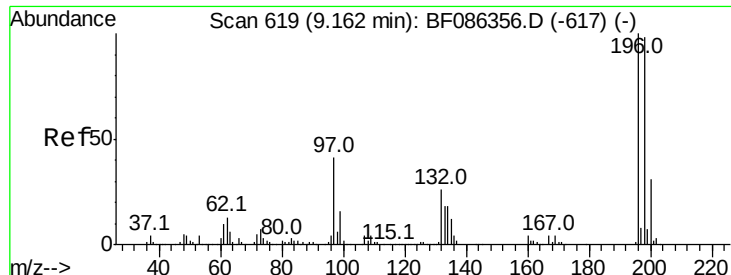


#42
 2,4,6-Trichlorophenol
 Concen: 39.89 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.00 min
 Lab File: BF086368.D
 Acq: 23 Apr 2016 3:52

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	96.6	74.7	112.1	
200	29.5	23.8	35.6	

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





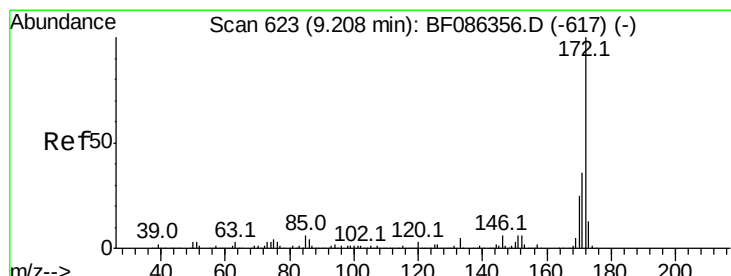
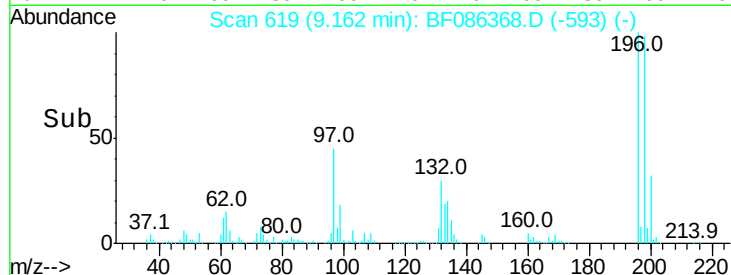
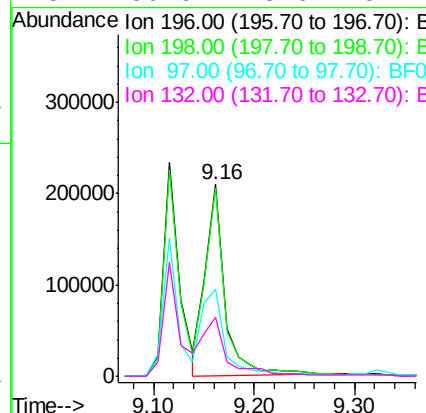
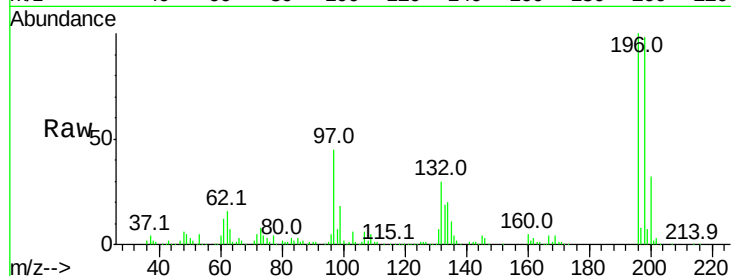
#43
 2,4,5-Trichlorophenol
 Concen: 37.05 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.00 min
 Lab File: BF086368.D
 Acq: 23 Apr 2016 3:52

Instrument :
 BNA_F
 ClientSampleId :
 PB89989BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		286079		
198	98.2	77.5	116.3		
97	45.3	34.8	52.2		
132	30.5	23.0	34.4		

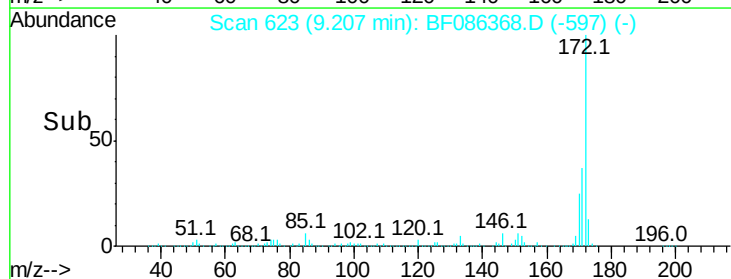
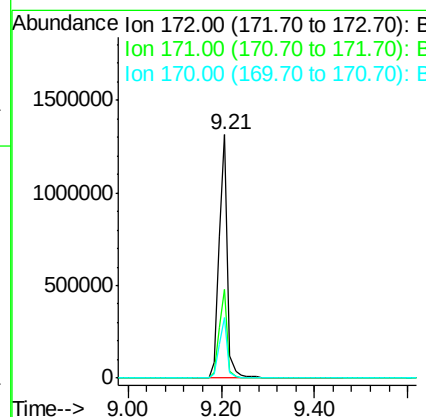
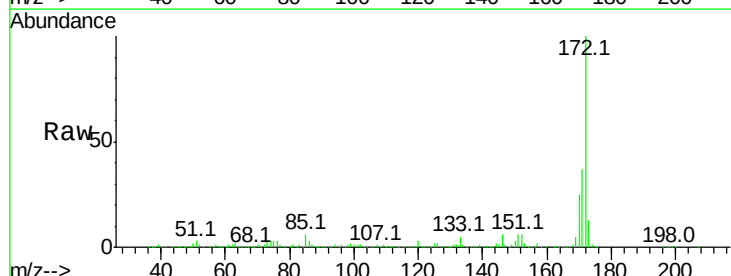
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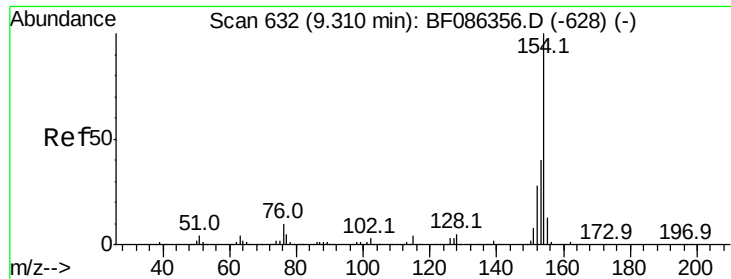
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#44
 2-Fluorobiphenyl
 Concen: 76.19 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.00 min
 Lab File: BF086368.D
 Acq: 23 Apr 2016 3:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1650262		
171	36.7	29.0	43.6		
170	24.9	19.8	29.8		





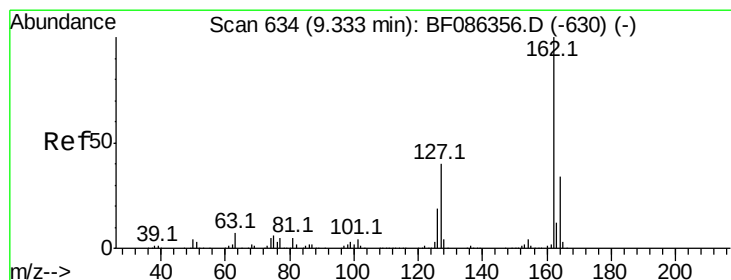
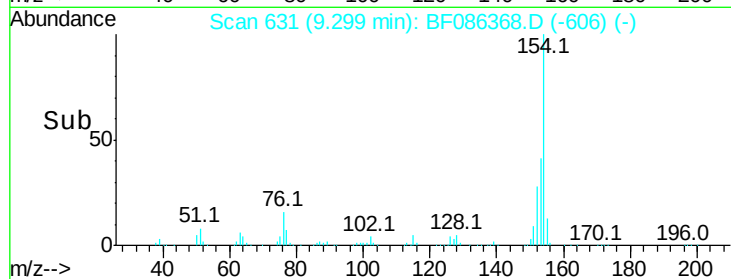
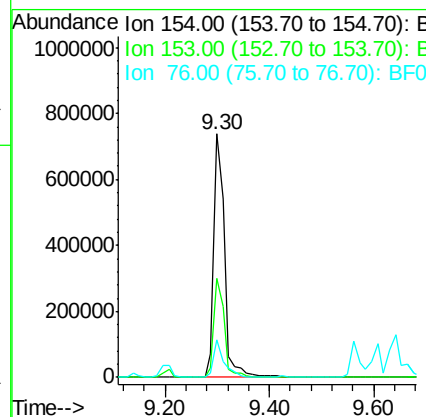
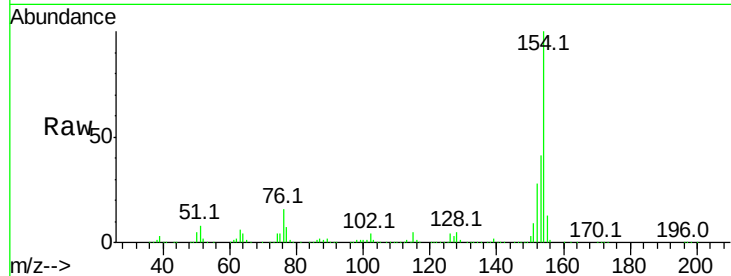
#45
 1,1'-Biphenyl
 Concen: 36.68 ng
 RT: 9.30 min Scan# 631
 Delta R.T. -0.01 min
 Lab File: BF086368.D
 Acq: 23 Apr 2016 3:52

Instrument :
 BNA_F
 ClientSampled :
 PB89989BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.3	60.3
76	15.6	0.0	30.2

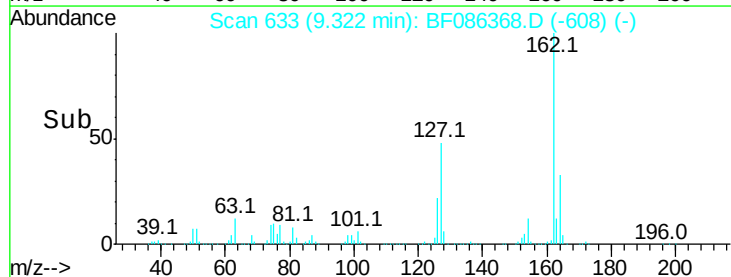
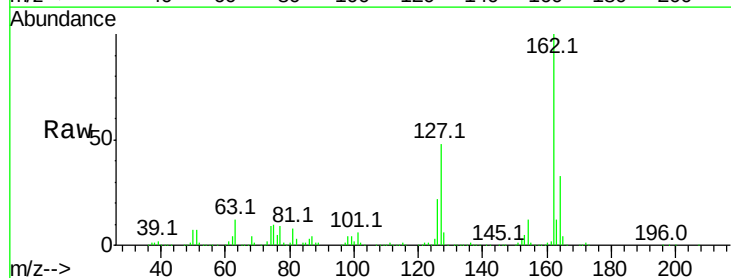
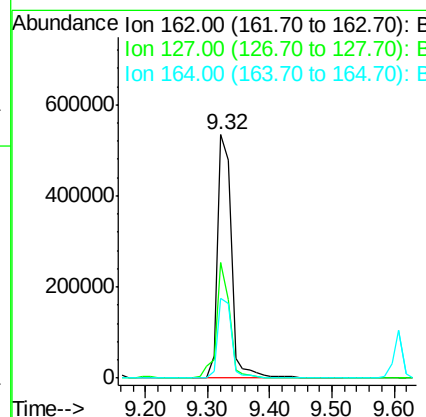
Manual Integrations
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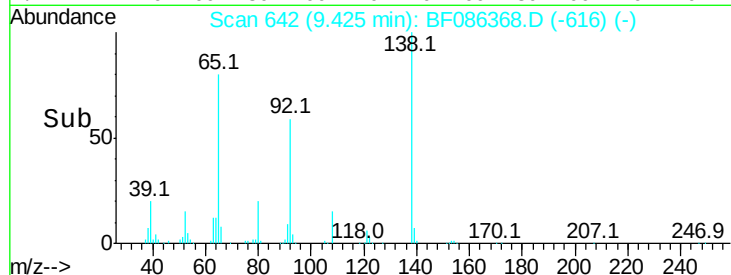
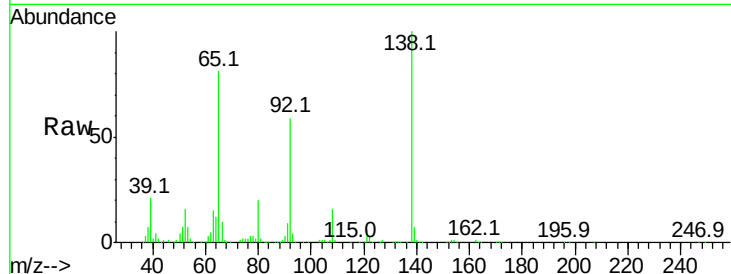
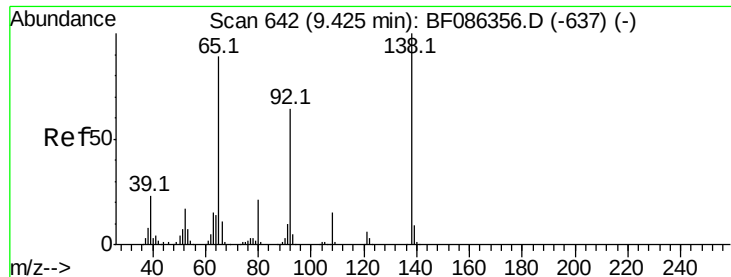
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#46
 2-Chloronaphthalene
 Concen: 35.91 ng
 RT: 9.32 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: BF086368.D
 Acq: 23 Apr 2016 3:52

Tgt Ion	Ratio	Lower	Upper
162	100		
127	47.5	31.8	47.6
164	33.0	27.0	40.6





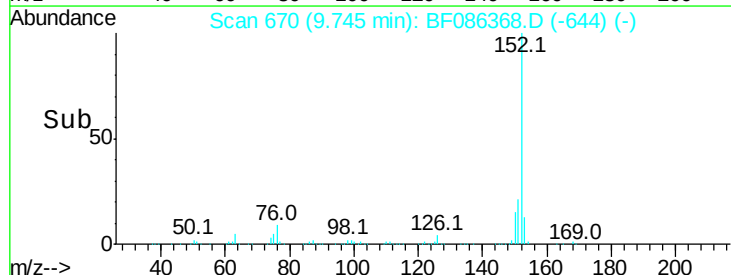
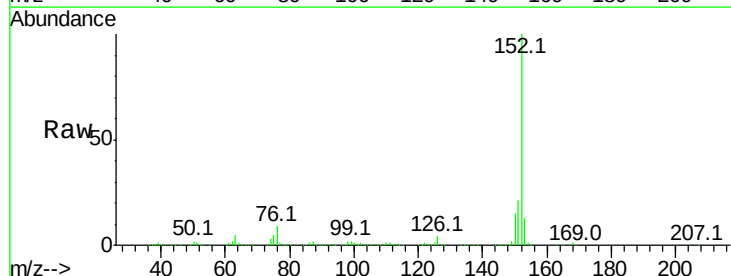
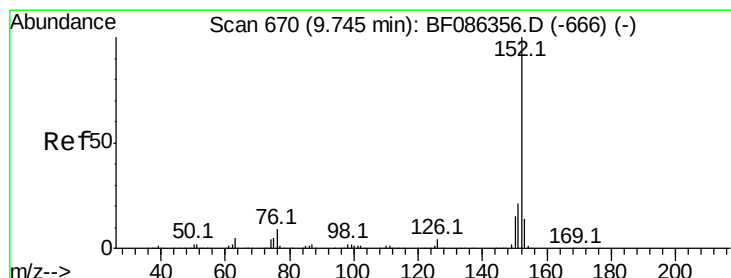
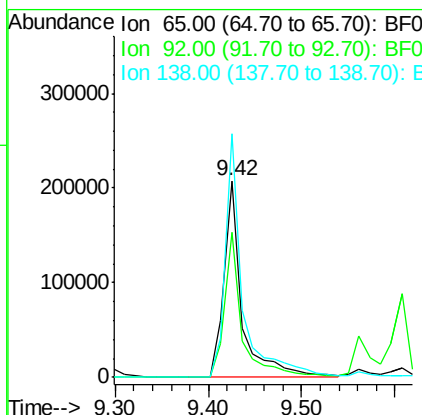
#47
2-Nitroaniline
Concen: 39.72 ng
RT: 9.42 min Scan# 642
Delta R.T. -0.00 min
Lab File: BF086368.D
Acq: 23 Apr 2016 3:52

Tot Ion	Ratio	Lower	Upper
65	100		
92	73.7	57.4	86.2
138	124.1	90.1	135.1

Instrument :
BNA_F
ClientSampleId :
PB89989BS

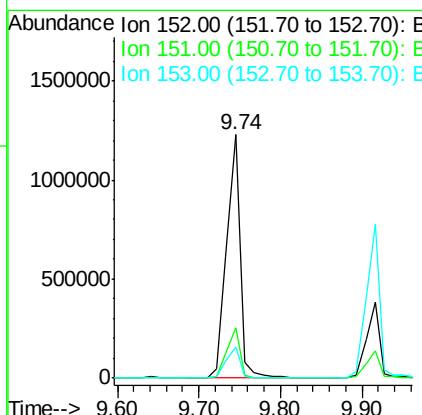
Manual Integrations
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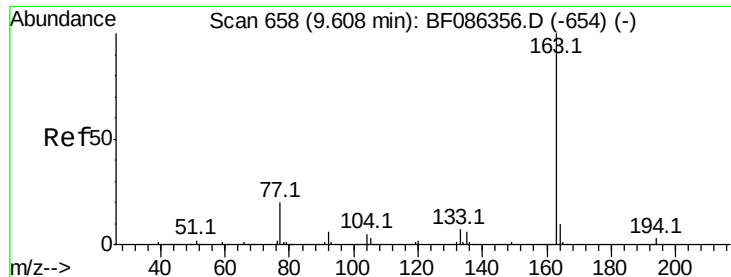
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#48
Acenaphthylene
Concen: 38.06 ng
RT: 9.74 min Scan# 670
Delta R.T. -0.00 min
Lab File: BF086368.D
Acq: 23 Apr 2016 3:52

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.8	25.2
153	12.9	10.9	16.3





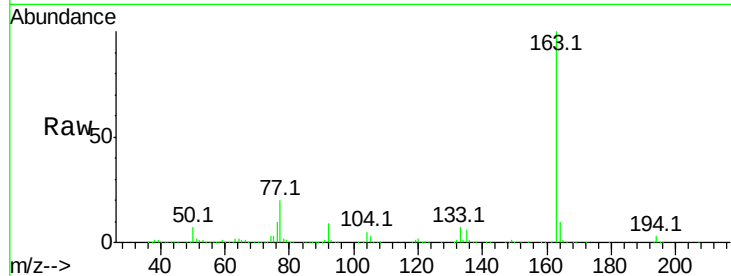
#49
Dimethylphthalate
Concen: 38.13 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.00 min
Lab File: BF086368.D
Acq: 23 Apr 2016 3:52

Instrument :
BNA_F
ClientSampleId :
PB89989BS

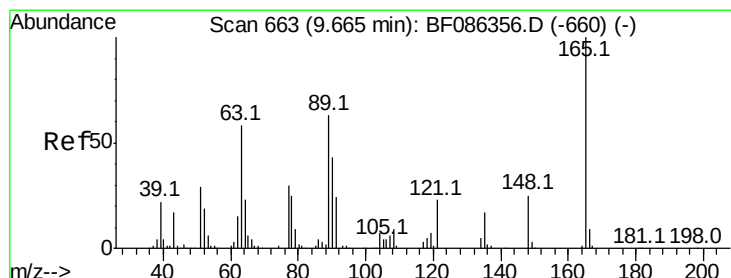
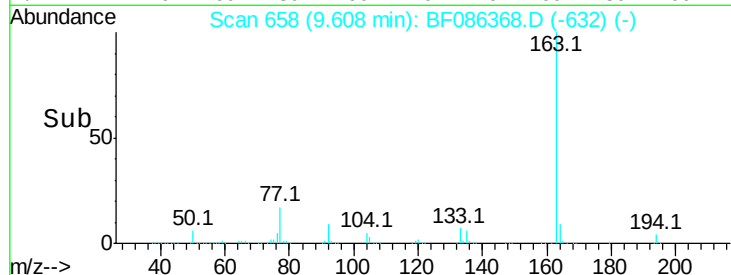
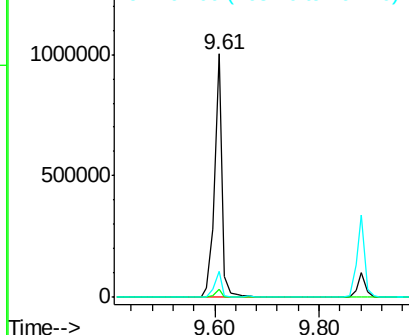
Tot Ion:163 Resp: 1018115
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 10.4 8.2 12.4

Manual Integrations
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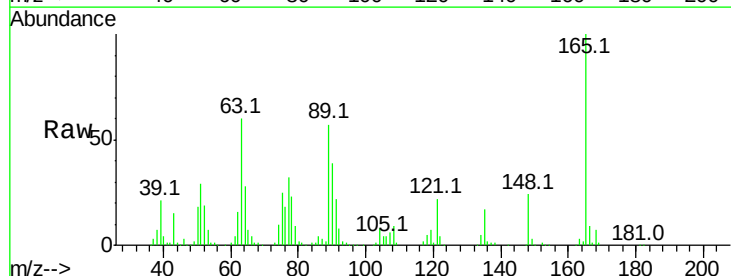


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

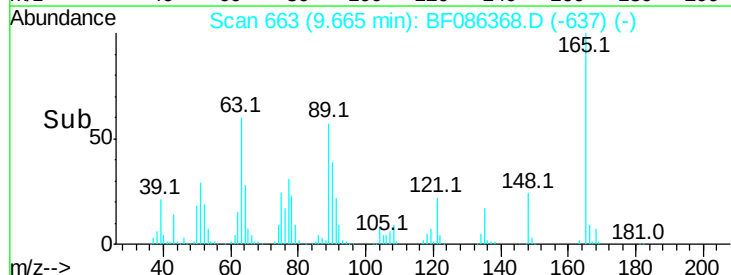
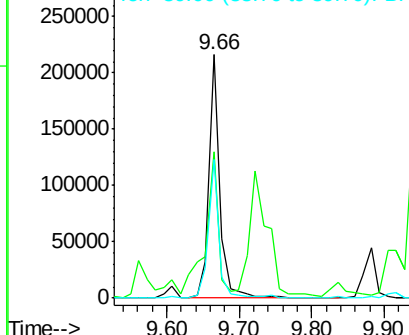


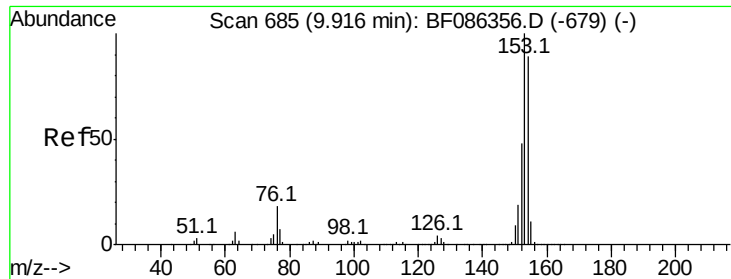
#50
2,6-Dinitrotoluene
Concen: 39.53 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.00 min
Lab File: BF086368.D
Acq: 23 Apr 2016 3:52

Tgt Ion:165 Resp: 227989
Ion Ratio Lower Upper
165 100
63 60.3 51.8 77.8
89 57.2 50.7 76.1



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





#51

Acenaphthene

Concen: 41.67 ng

RT: 9.92 min Scan# 685

Delta R.T. -0.00 min

Lab File: BF086368.D

Acq: 23 Apr 2016 3:52

Instrument :

BNA_F

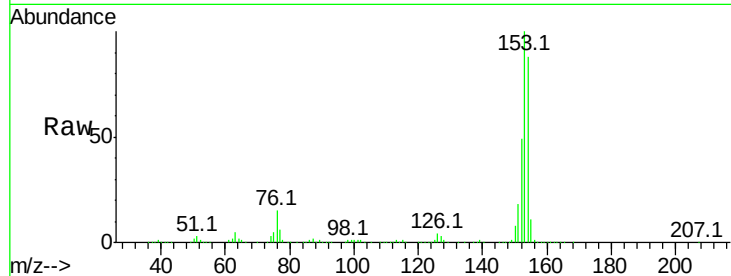
ClientSampleId :

PB89989BS

Tot Ion:	154	Resp:	942026
Ion Ratio	Lower	Upper	
154	100		
153	113.1	89.8	134.6
152	55.3	43.4	65.0

Manual Integrations
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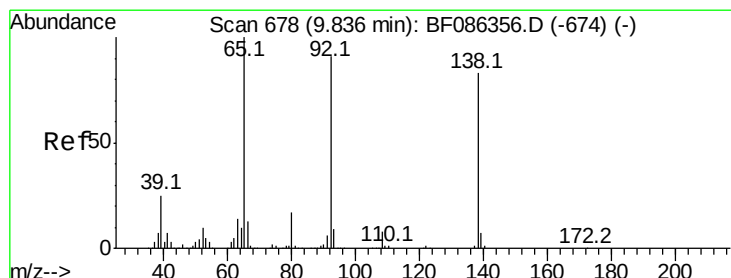
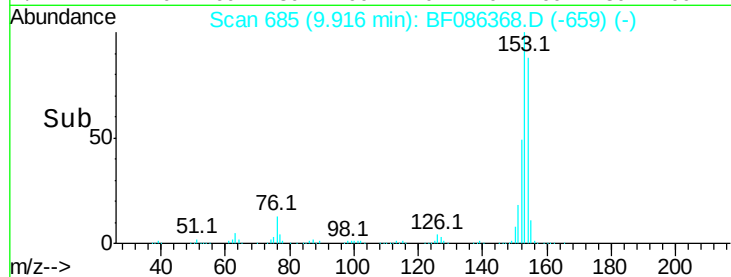
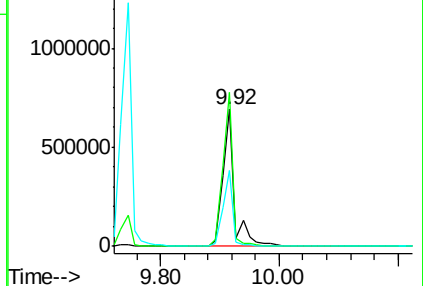
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 18.40 ng

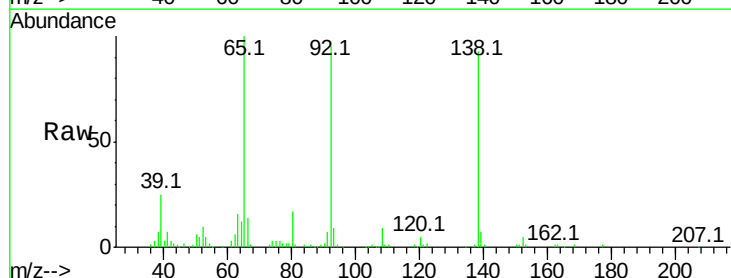
RT: 9.84 min Scan# 678

Delta R.T. -0.00 min

Lab File: BF086368.D

Acq: 23 Apr 2016 3:52

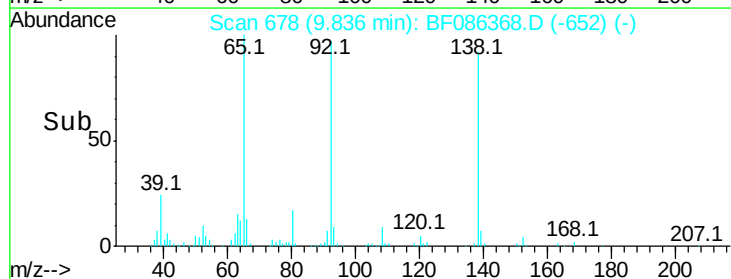
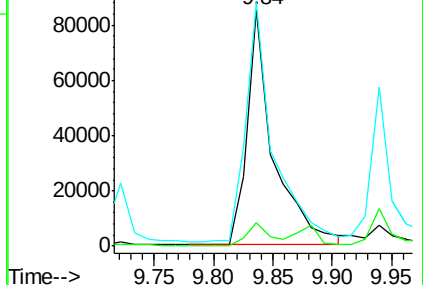
Tgt Ion:	138	Resp:	132876
Ion Ratio	Lower	Upper	
138	100		
108	9.7	7.8	11.6
92	103.0	87.8	131.8

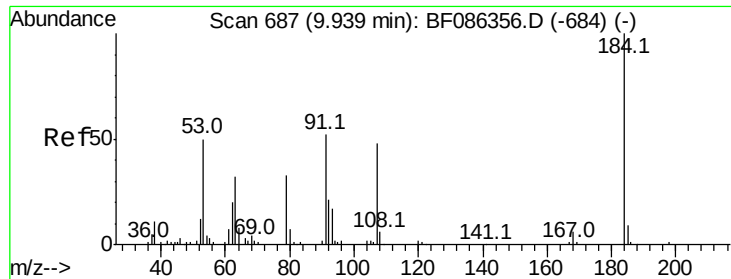


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





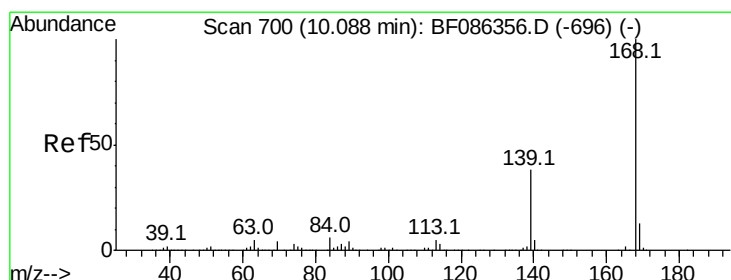
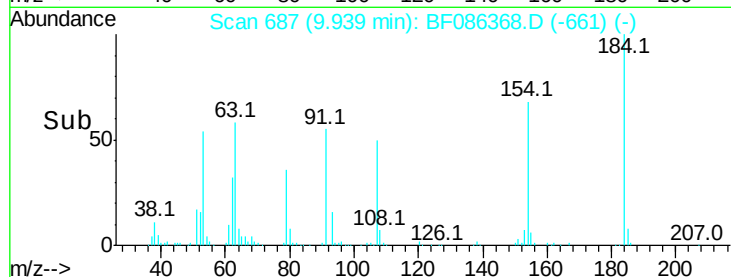
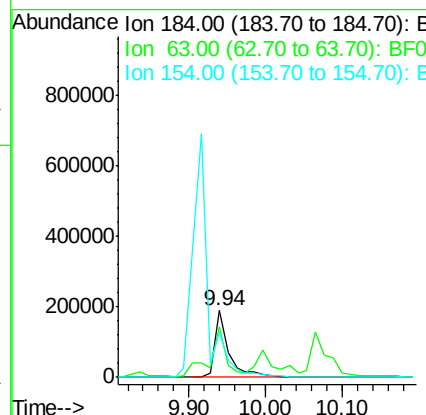
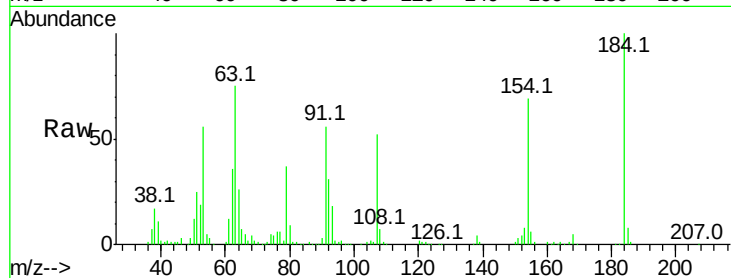
#53
2,4-Dinitrophenol
Concen: 81.67 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.00 min
Lab File: BF086368.D
Acq: 23 Apr 2016 3:52

Instrument :
BNA_F
ClientSampleId :
PB89989BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	244909		
63	75.3		55.8	83.8
154	68.9		62.4	93.6

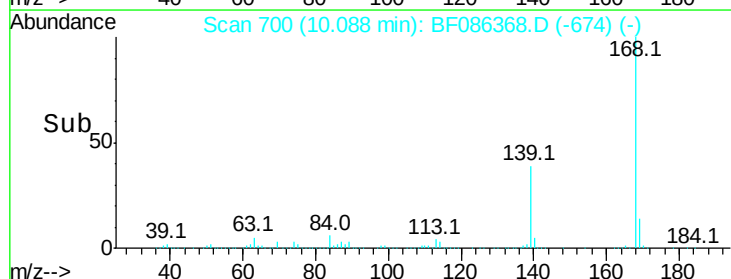
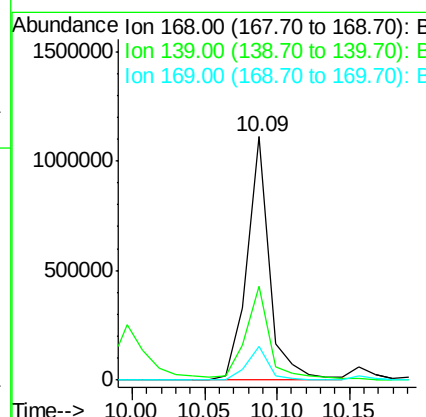
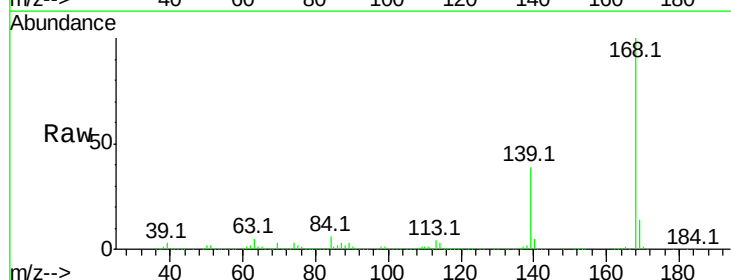
Manual Integrations
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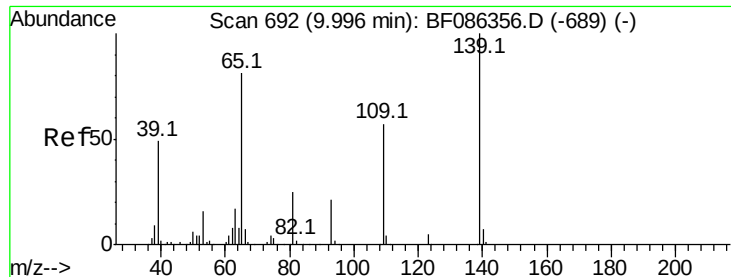
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#54
Dibenzofuran
Concen: 41.09 ng
RT: 10.09 min Scan# 700
Delta R.T. -0.00 min
Lab File: BF086368.D
Acq: 23 Apr 2016 3:52

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1193067		
139	38.7		31.4	47.0
169	13.7		10.7	16.1





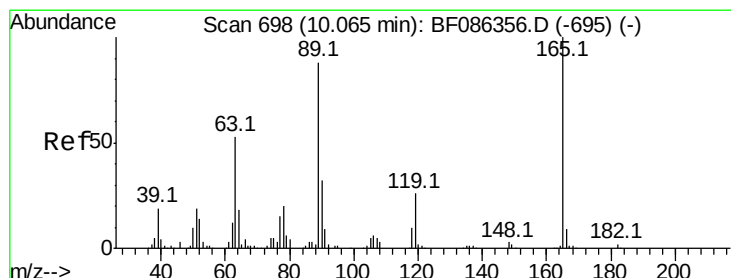
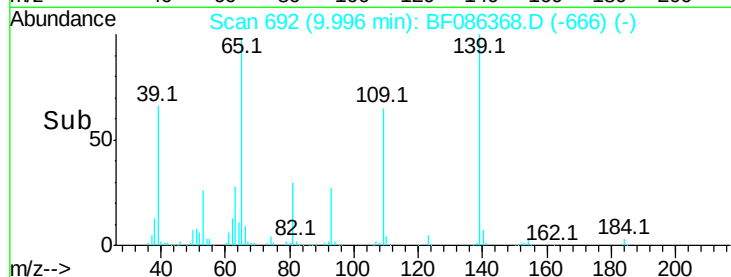
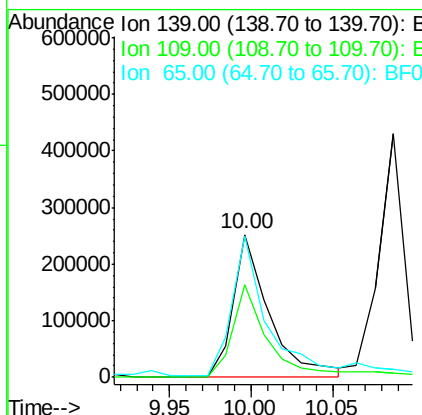
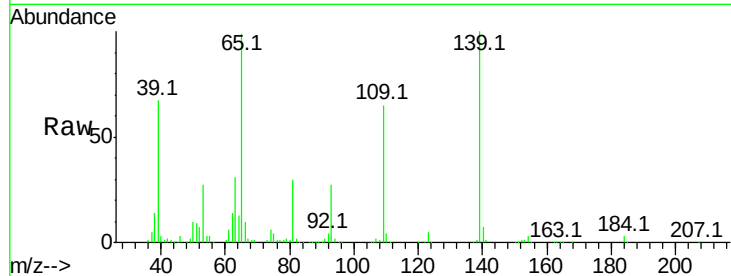
#55
4-Nitrophenol
Concen: 76.86 ng
RT: 10.00 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF086368.D
Acq: 23 Apr 2016 3:52

Instrument :
BNA_F
ClientSampleId :
PB89989BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	64.8	36.9	76.9	
65	98.9	64.0	104.0	

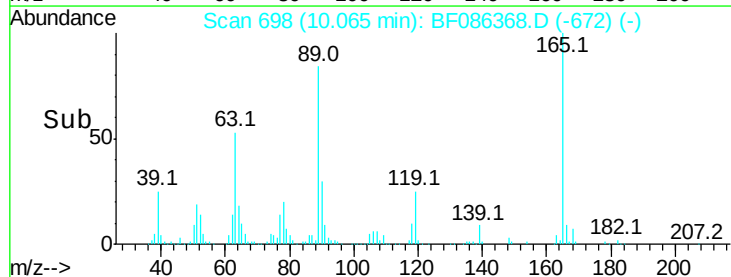
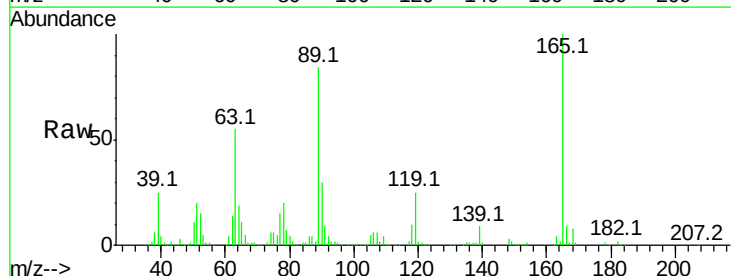
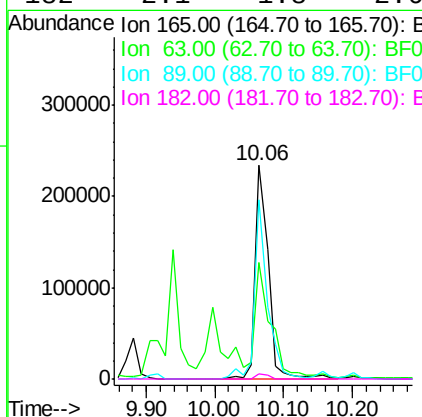
Manual Integrations
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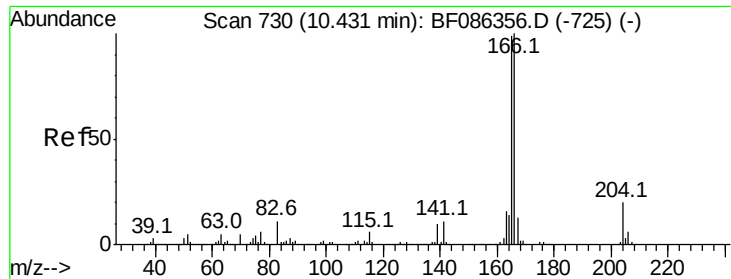
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#56
2,4-Dinitrotoluene
Concen: 39.34 ng
RT: 10.06 min Scan# 698
Delta R.T. -0.00 min
Lab File: BF086368.D
Acq: 23 Apr 2016 3:52

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	54.7	44.3	66.5	
89	83.7	70.0	105.0	
182	2.1	1.8	2.6	





#57

Fluorene

Concen: 37.90 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF086368.D

Acq: 23 Apr 2016 3:52

Instrument :

BNA_F

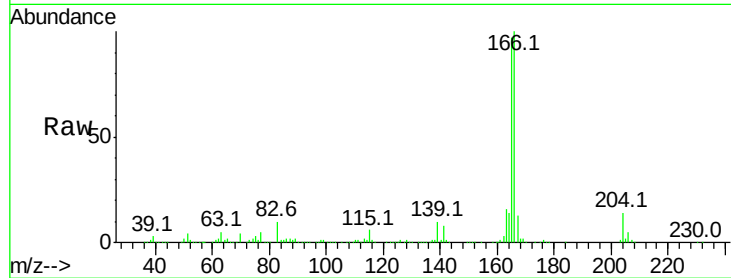
ClientSampleId :

PB89989BS

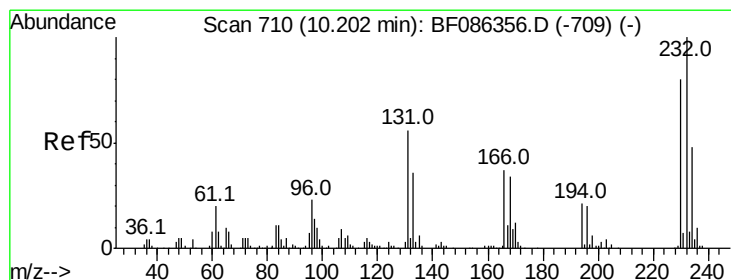
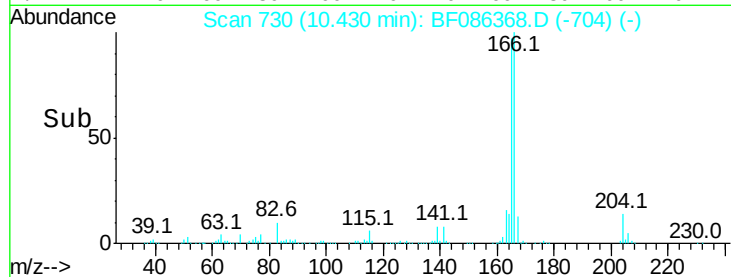
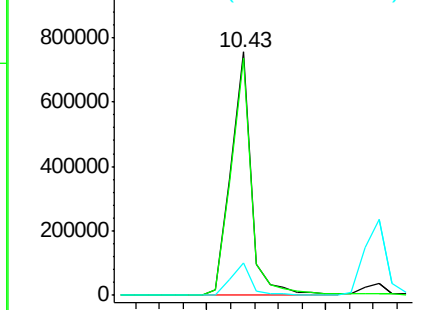
Tot Ion:	166	Resp:	901793
Ion Ratio	Lower	Upper	
166	100		
165	97.4	79.0	118.6
167	13.1	10.6	15.8

Manual Integrations
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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: 44.10 ng

RT: 10.20 min Scan# 710

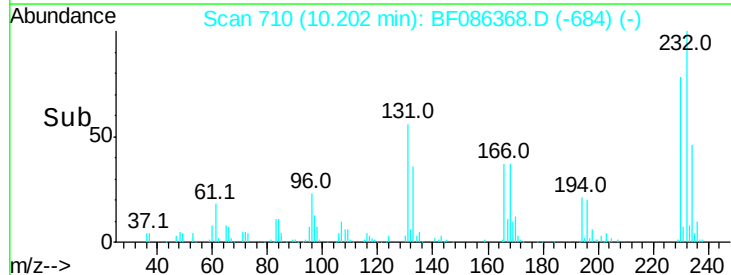
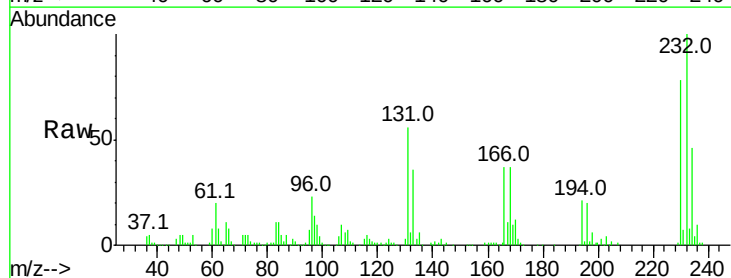
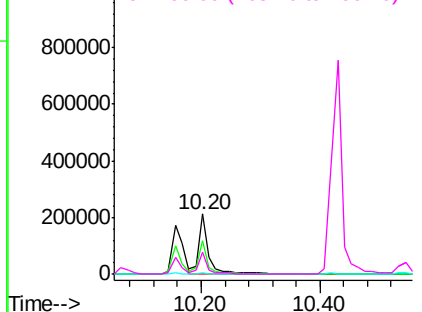
Delta R.T. -0.00 min

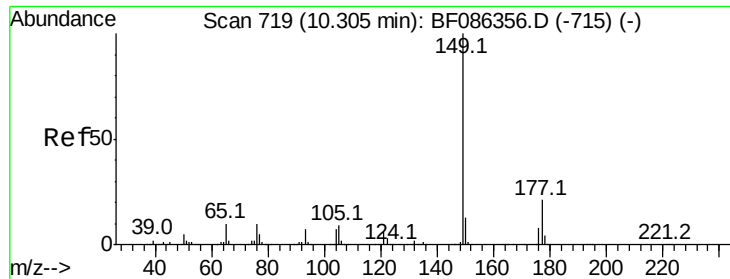
Lab File: BF086368.D

Acq: 23 Apr 2016 3:52

Tgt Ion:	232	Resp:	248871
Ion Ratio	Lower	Upper	
232	100		
131	48.1	41.9	62.9
130	2.7	2.2	3.4
166	35.9	26.8	40.2

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





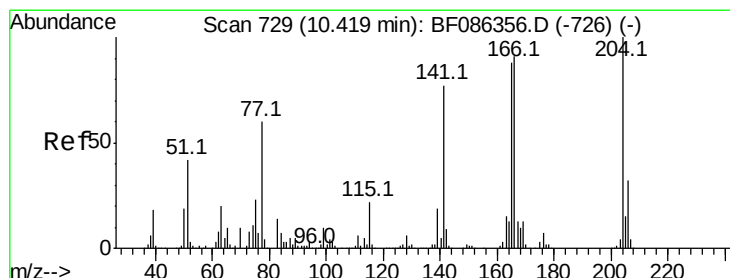
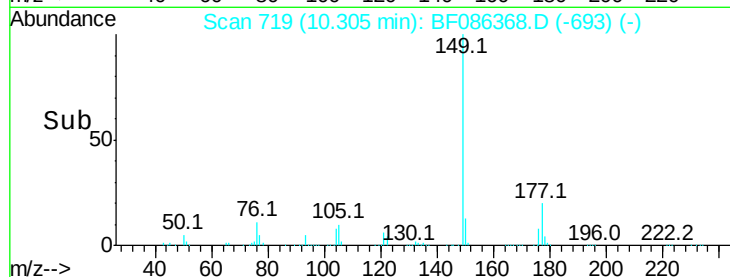
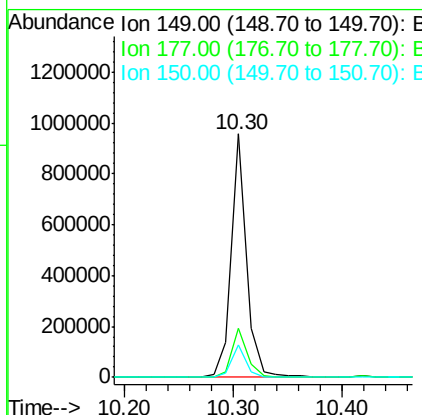
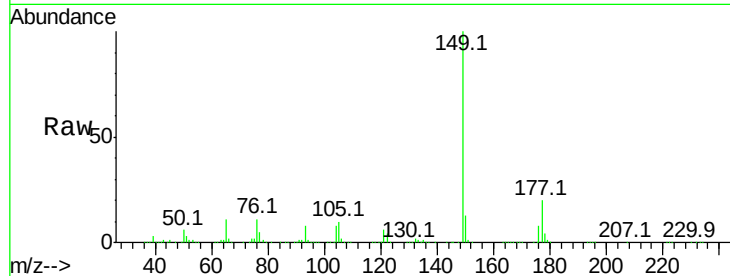
#59
Diethylphthalate
Concen: 36.23 ng
RT: 10.30 min Scan# 719
Delta R.T. -0.00 min
Lab File: BF086368.D
Acq: 23 Apr 2016 3:52

Instrument :
BNA_F
ClientSampleId :
PB89989BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	926479		
177	20.2	16.6	24.8	
150	13.1	10.0	15.0	

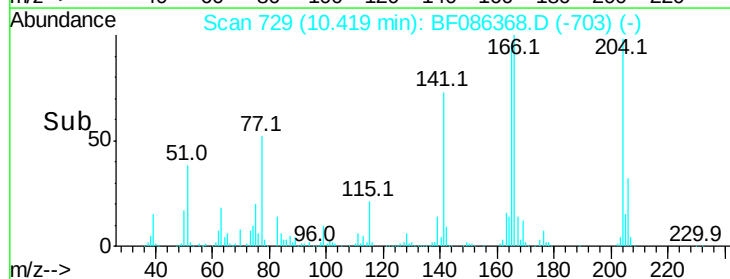
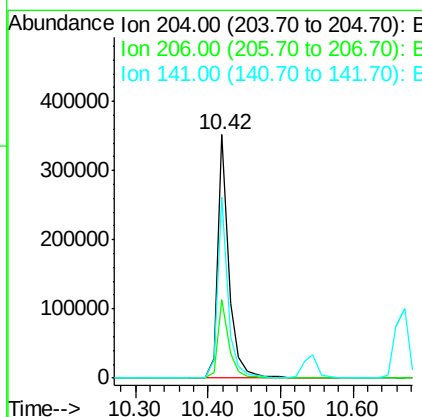
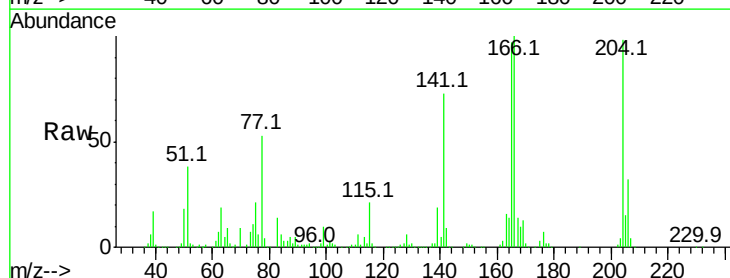
Manual Integrations
APPROVED

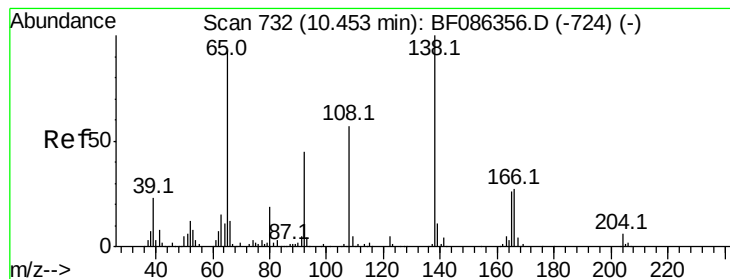
sohil
4/25/2016 12:35:45 PM



#60
4-Chlorophenyl-phenylether
Concen: 36.09 ng
RT: 10.42 min Scan# 729
Delta R.T. -0.00 min
Lab File: BF086368.D
Acq: 23 Apr 2016 3:52

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	375471		
206	32.3	25.4	38.0	
141	74.3	61.6	92.4	





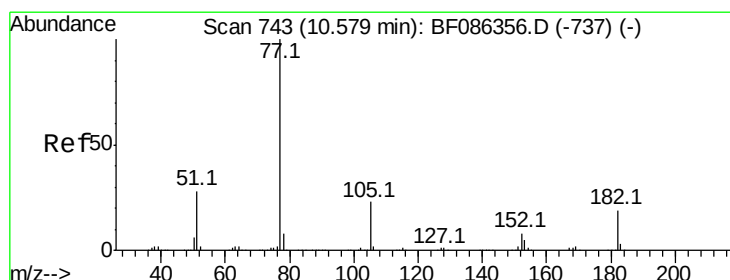
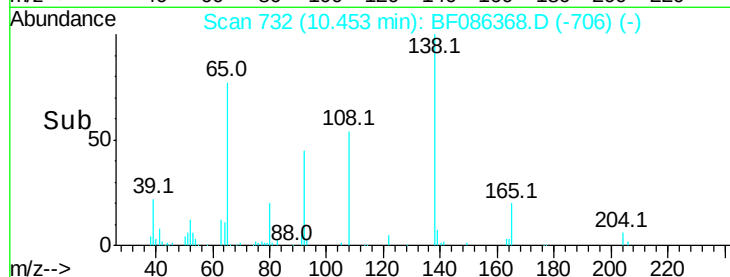
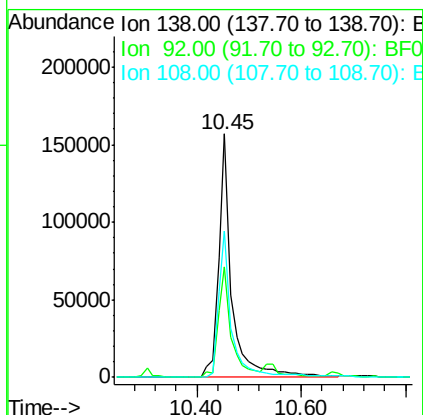
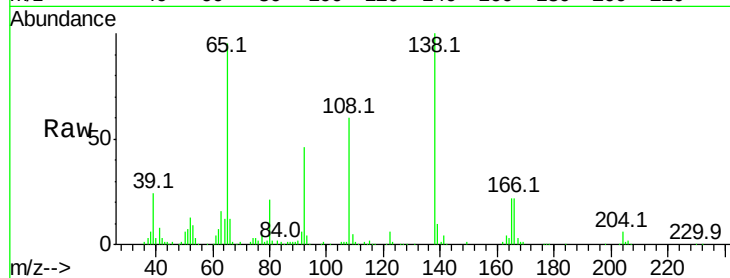
#61
4-Nitroaniline
Concen: 37.57 ng
RT: 10.45 min Scan# 732
Delta R.T. -0.00 min
Lab File: BF086368.D
Acq: 23 Apr 2016 3:52

Instrument :
BNA_F
ClientSampleId :
PB89989BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	45.6	24.7	64.7
108	60.1	37.4	77.4

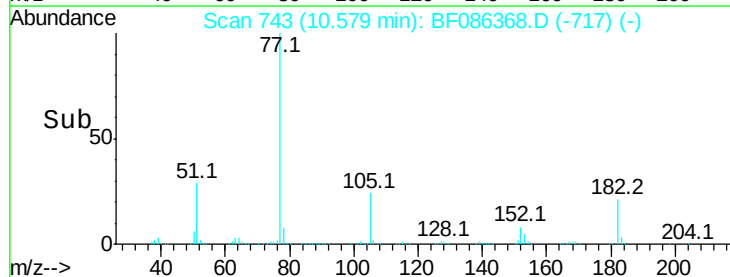
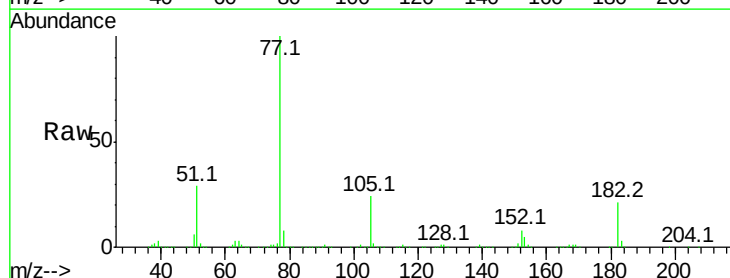
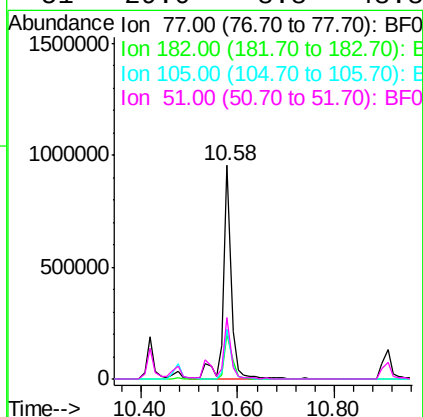
Manual Integrations
APPROVED

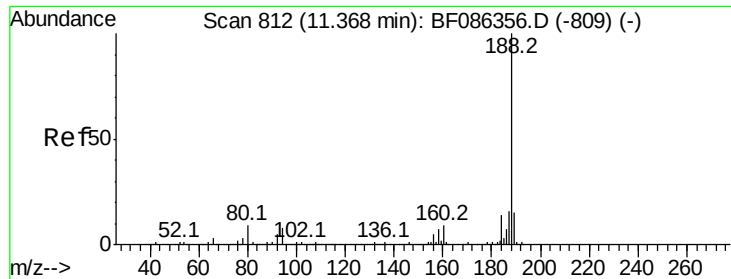
sohil
4/25/2016 12:35:45 PM



#62
Azobenzene
Concen: 40.34 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.00 min
Lab File: BF086368.D
Acq: 23 Apr 2016 3:52

Tgt Ion	Ratio	Lower	Upper
77	100		
182	21.0	0.0	38.8
105	23.7	3.2	43.2
51	29.0	8.8	48.8





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.36 min Scan# 811

Delta R.T. -0.01 min

Lab File: BF086368.D

Acq: 23 Apr 2016 3:52

Instrument :

BNA_F

ClientSampleId :

PB89989BS

Tot Ion:188 Resp: 699516

Ion Ratio Lower Upper

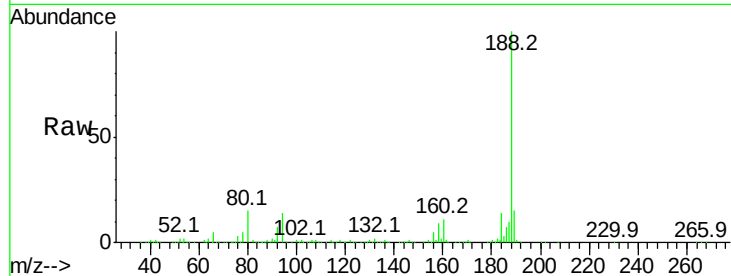
188 100

94 13.6 6.8 10.2#

80 14.6 7.1 10.7#

Manual Integrations
APPROVED

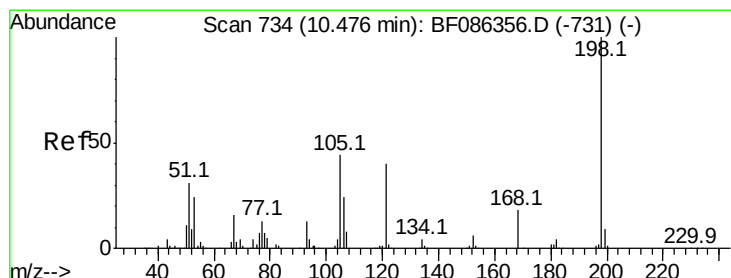
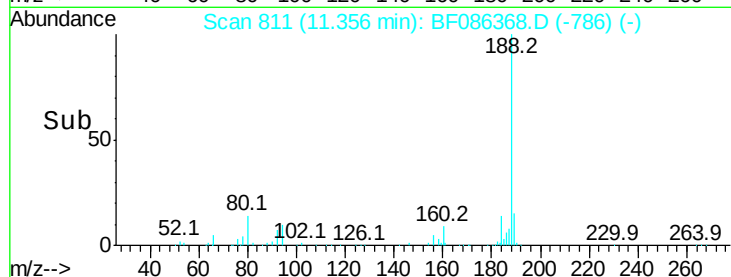
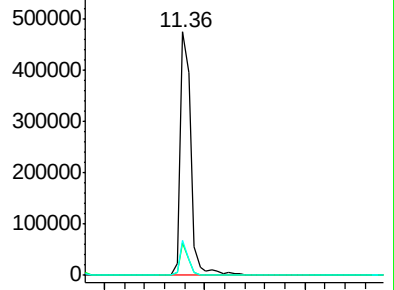
sohil
4/25/2016 12:35:45 PM



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: 38.52 ng

RT: 10.48 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF086368.D

Acq: 23 Apr 2016 3:52

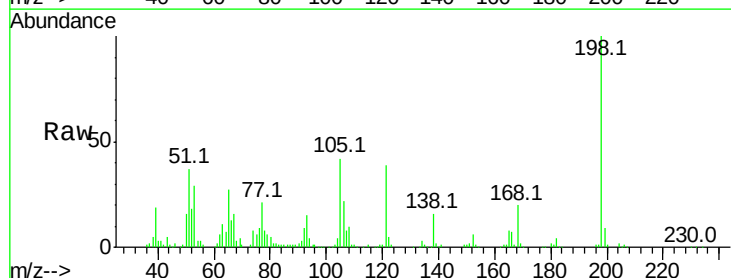
Tgt Ion:198 Resp: 164645

Ion Ratio Lower Upper

198 100

51 37.2 20.5 60.5

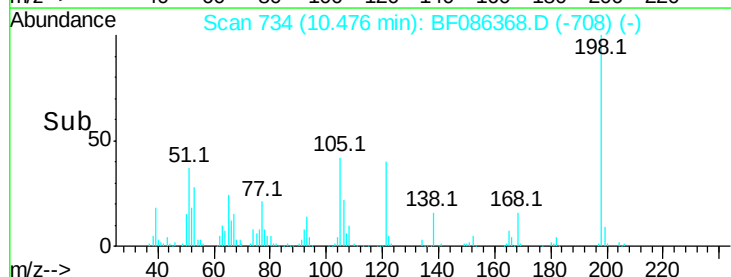
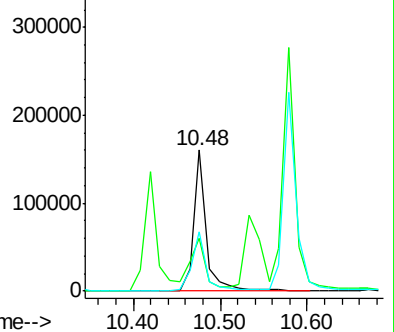
105 42.4 24.5 64.5

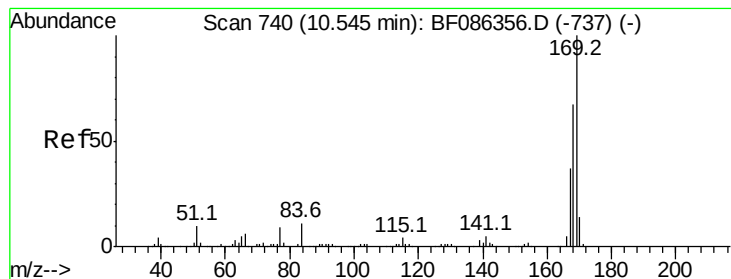


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





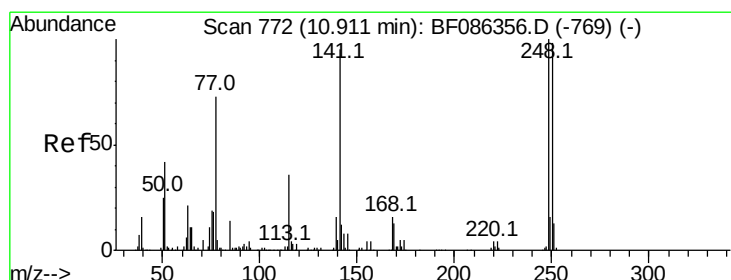
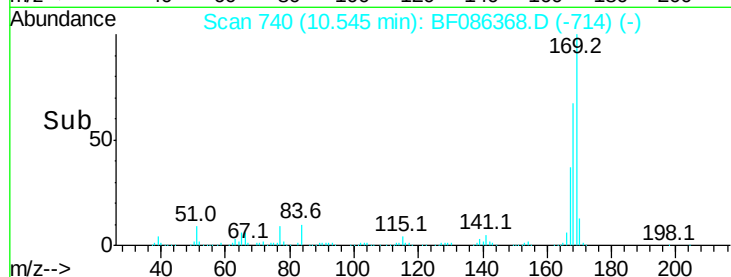
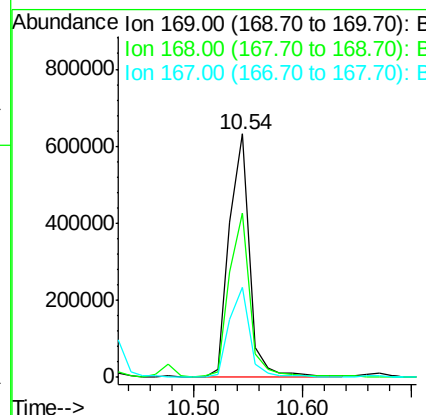
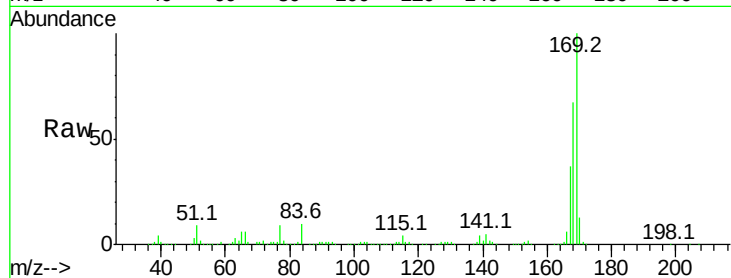
#65
n-Nitrosodiphenylamine
Concen: 38.10 ng
RT: 10.54 min Scan# 740
Delta R.T. -0.00 min
Lab File: BF086368.D
Acq: 23 Apr 2016 3:52

Instrument :
BNA_F
ClientSampleId :
PB89989BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	821839		
168	67.4		53.8	80.6
167	37.2		29.5	44.3

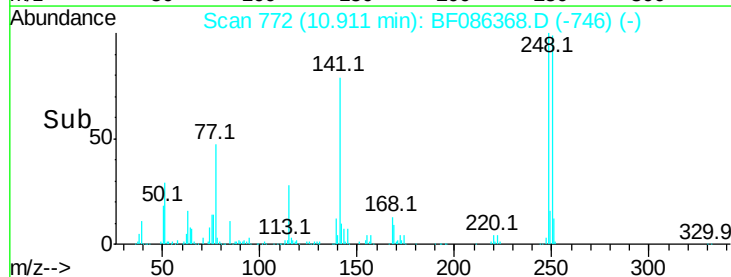
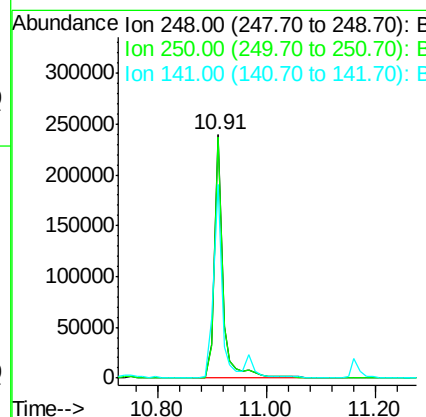
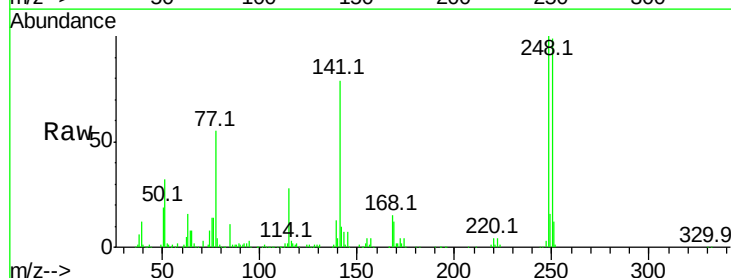
Manual Integrations
APPROVED

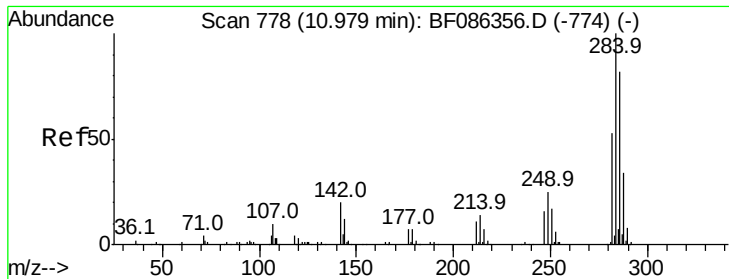
sohil
4/25/2016 12:35:45 PM



#66
4-Bromophenyl-phenylether
Concen: 38.44 ng
RT: 10.91 min Scan# 772
Delta R.T. -0.00 min
Lab File: BF086368.D
Acq: 23 Apr 2016 3:52

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	263303		
250	98.9		78.6	117.8
141	79.3		76.0	114.0





#67

Hexachlorobenzene

Concen: 36.05 ng

RT: 10.97 min Scan# 777

Delta R.T. -0.01 min

Lab File: BF086368.D

Acq: 23 Apr 2016 3:52

Instrument :

BNA_F

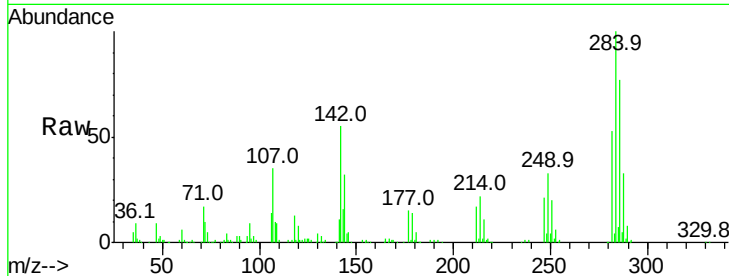
ClientSampled :

PB89989BS

Tot Ion:	284	Resp:	263483
Ion Ratio	Lower	Upper	
284	100		
142	55.2	16.7	25.1#
249	33.3	21.3	31.9#

Manual Integrations
APPROVED

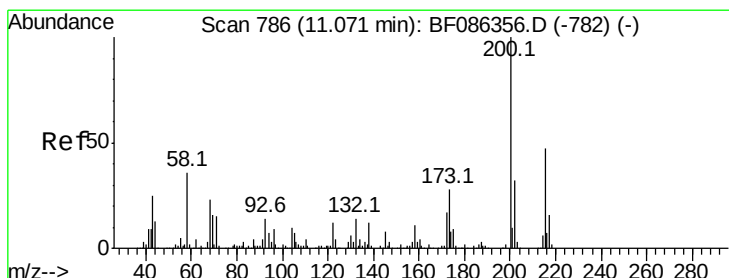
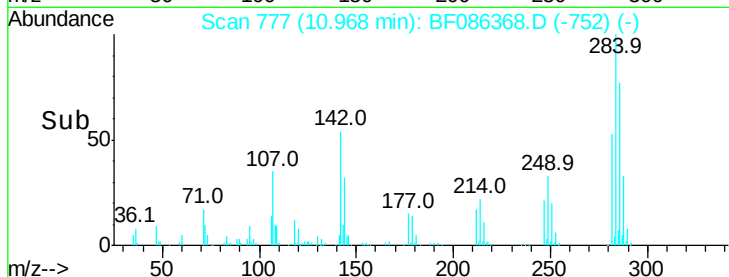
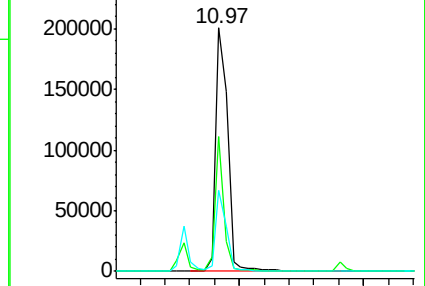
sohil
4/25/2016 12:35:45 PM



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: 40.24 ng

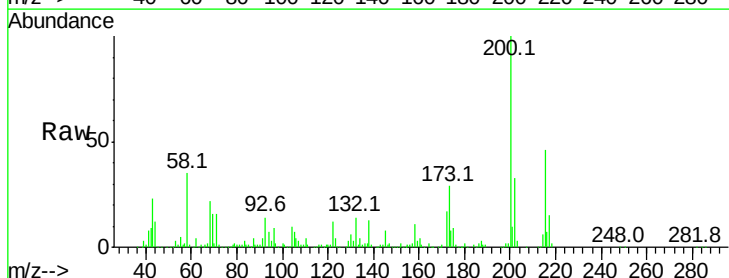
RT: 11.07 min Scan# 786

Delta R.T. -0.00 min

Lab File: BF086368.D

Acq: 23 Apr 2016 3:52

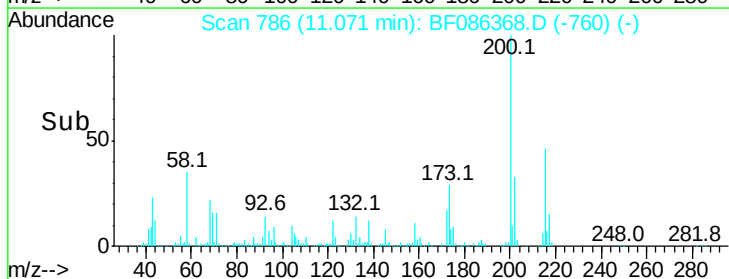
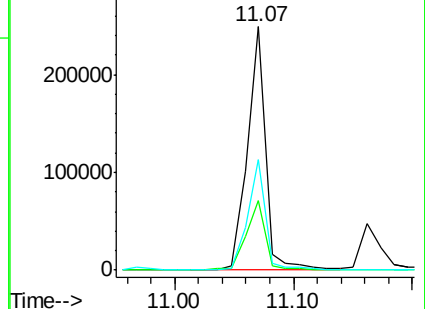
Tgt Ion:	200	Resp:	267967
Ion Ratio	Lower	Upper	
200	100		
173	28.7	8.5	48.5
215	45.6	27.2	67.2

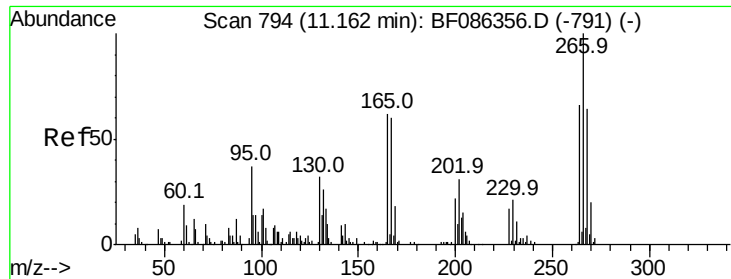


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





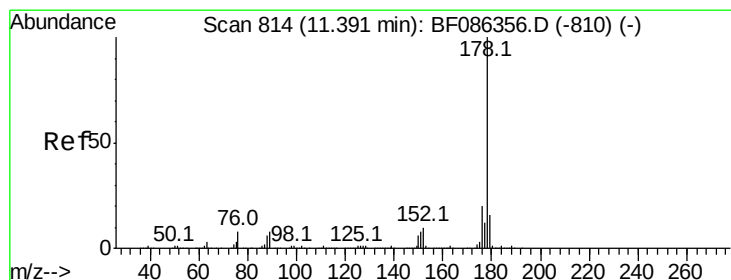
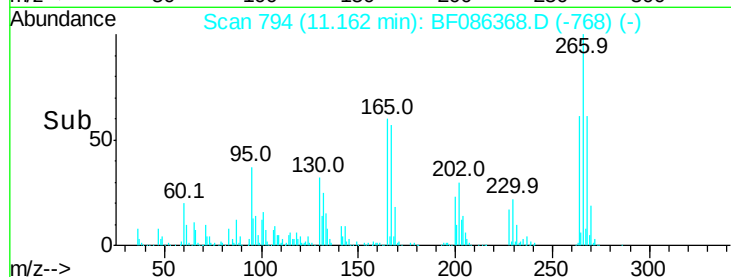
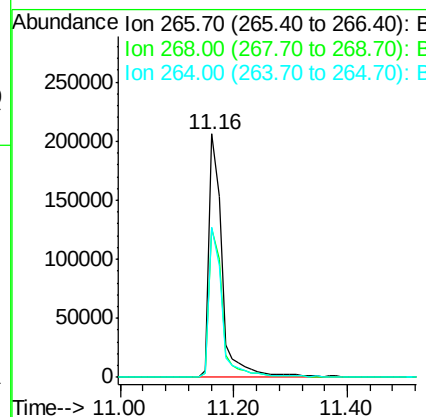
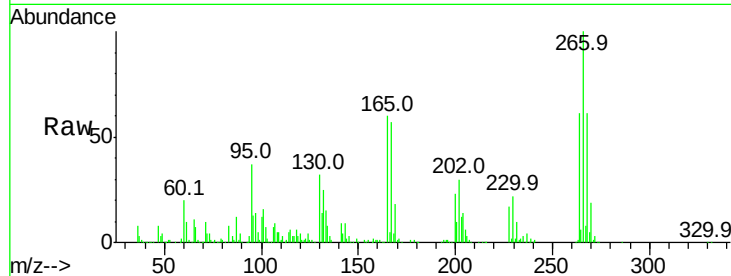
#69
 Pentachlorophenol
 Concen: 74.36 ng
 RT: 11.16 min Scan# 794
 Delta R.T. -0.00 min
 Lab File: BF086368.D
 Acq: 23 Apr 2016 3:52

Instrument :
 BNA_F
 ClientSampled :
 PB89989BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	319093		
268	60.9		51.5	77.3
264	61.5		52.9	79.3

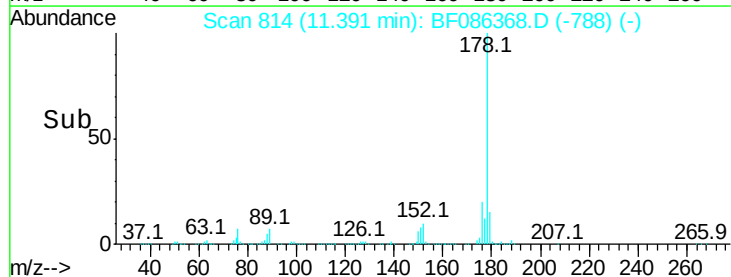
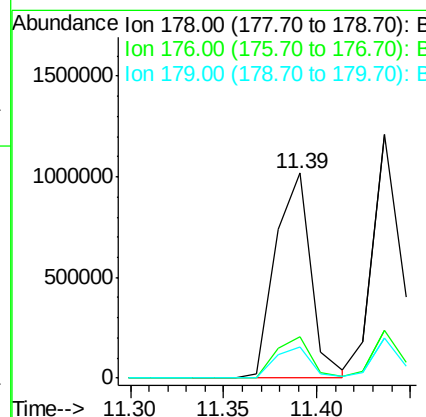
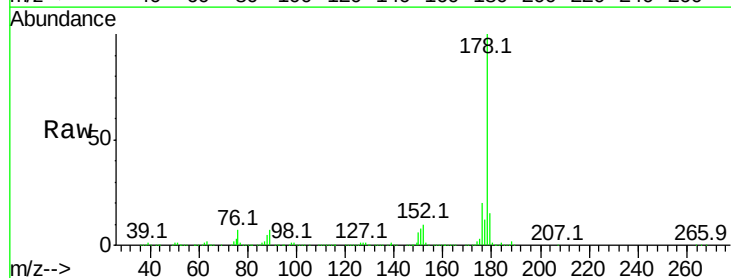
Manual Integrations
 APPROVED

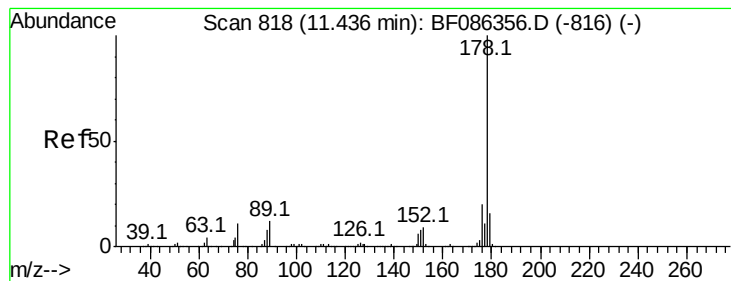
sohil
 4/25/2016 12:35:45 PM



#70
 Phenanthrene
 Concen: 38.02 ng
 RT: 11.39 min Scan# 814
 Delta R.T. -0.00 min
 Lab File: BF086368.D
 Acq: 23 Apr 2016 3:52

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1336243		
176	19.9		16.0	24.0
179	15.3		12.6	18.8





#71
 Anthracene
 Concen: 35.56 ng
 RT: 11.44 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BF086368.D
 Acq: 23 Apr 2016 3:52

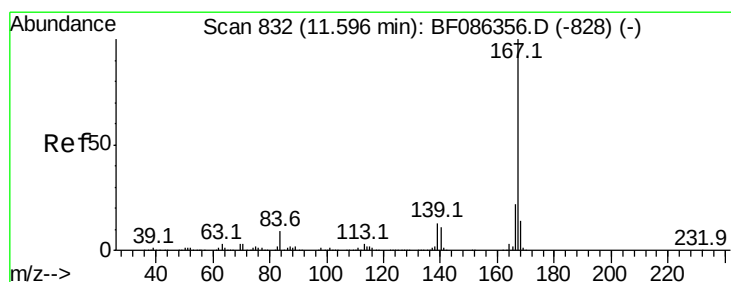
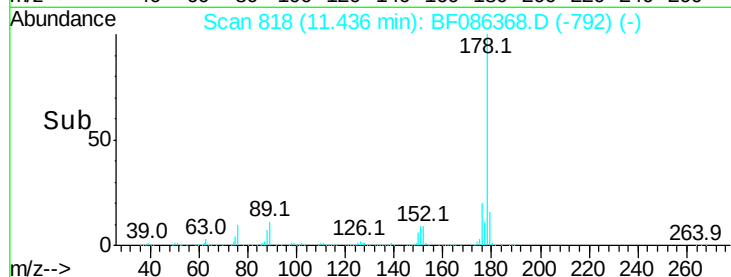
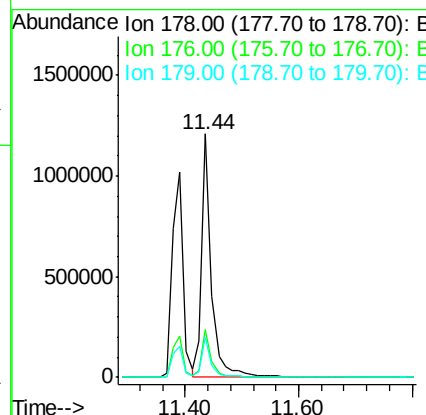
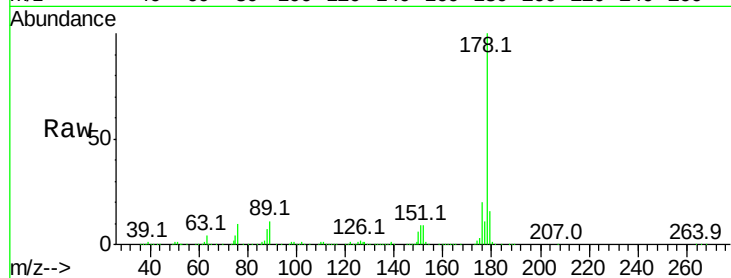
Instrument :
 BNA_F
 ClientSampleId :
 PB89989BS

Tot Ion:178 Resp: 1432164

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.6	23.4
179	16.3	12.7	19.1

Manual Integrations
 APPROVED

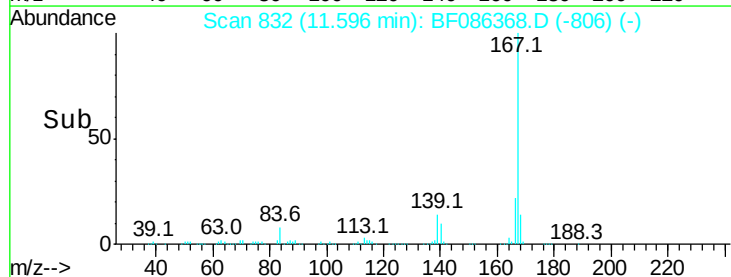
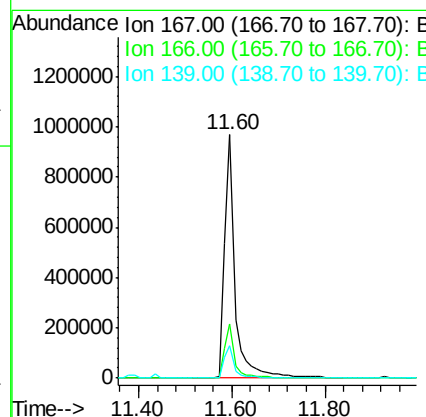
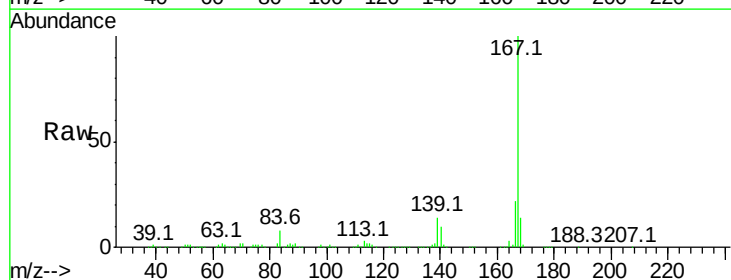
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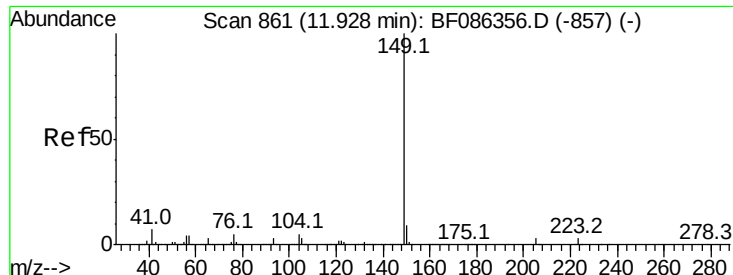


#72
 Carbazole
 Concen: 38.99 ng
 RT: 11.60 min Scan# 832
 Delta R.T. -0.00 min
 Lab File: BF086368.D
 Acq: 23 Apr 2016 3:52

Tgt Ion:167 Resp: 1474861

Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.7	26.5
139	13.5	10.8	16.2





#73

Di-n-butylphthalate

Concen: 38.87 ng

RT: 11.93 min Scan# 861

Delta R.T. -0.00 min

Lab File: BF086368.D

Acq: 23 Apr 2016 3:52

Instrument :

BNA_F

ClientSampleId :

PB89989BS

Tot Ion:149 Resp: 1546860

Ion Ratio Lower Upper

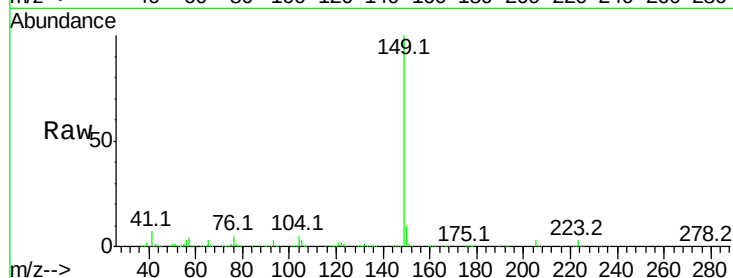
149 100

150 9.6 7.6 11.4

104 4.7 3.8 5.6

Manual Integrations
APPROVED

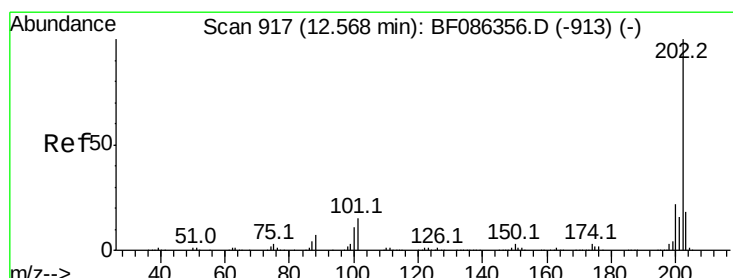
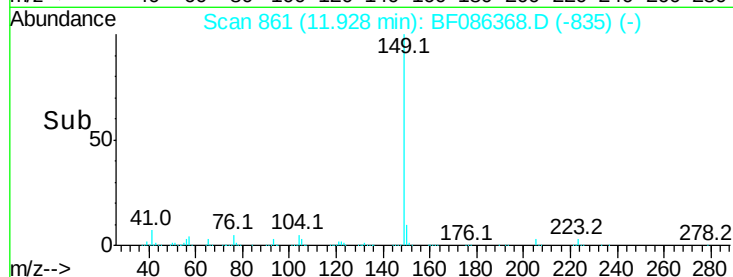
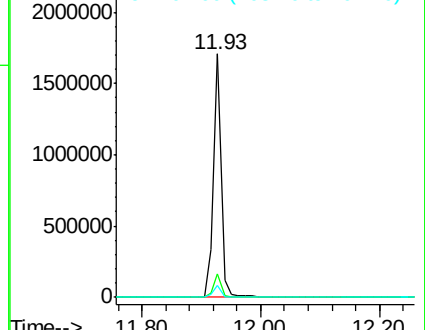
sohil
4/25/2016 12:35:45 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.19 ng

RT: 12.57 min Scan# 917

Delta R.T. -0.00 min

Lab File: BF086368.D

Acq: 23 Apr 2016 3:52

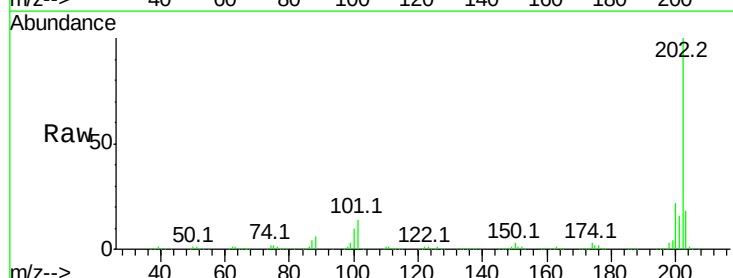
Tgt Ion:202 Resp: 1409784

Ion Ratio Lower Upper

202 100

101 13.9 0.0 35.4

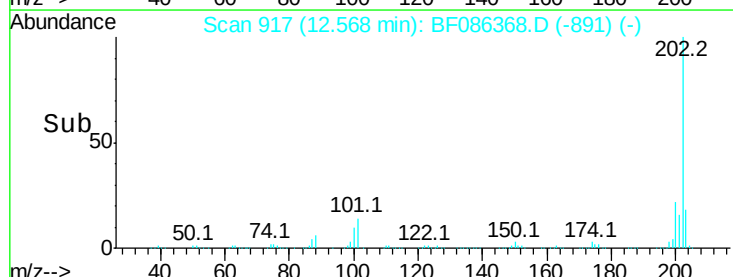
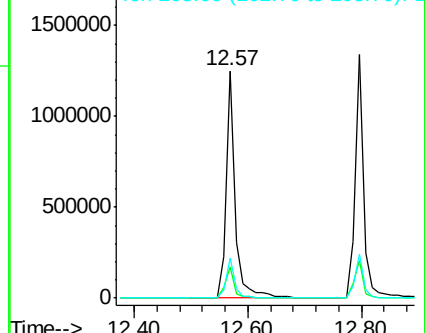
203 17.8 0.0 38.1

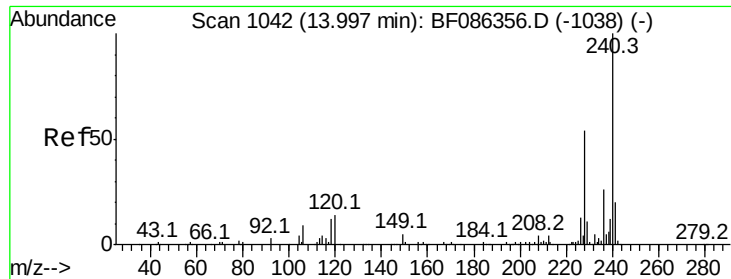


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.00 min Scan# 1042

Delta R.T. -0.00 min

Lab File: BF086368.D

Acq: 23 Apr 2016 3:52

Instrument :

BNA_F

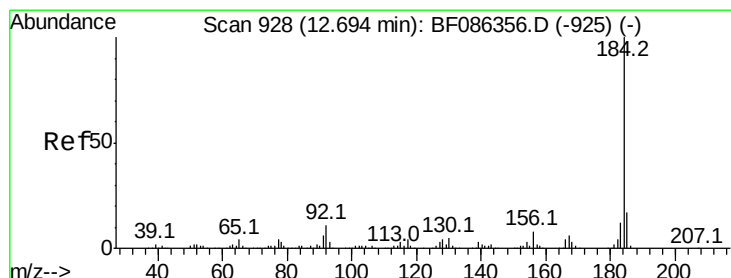
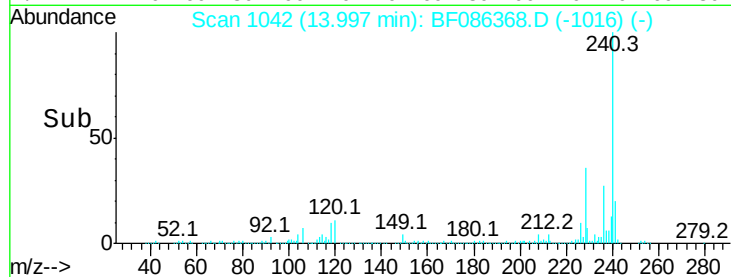
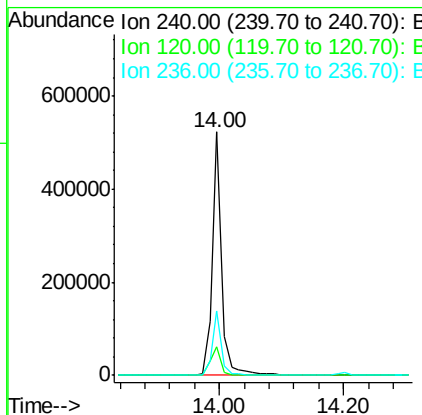
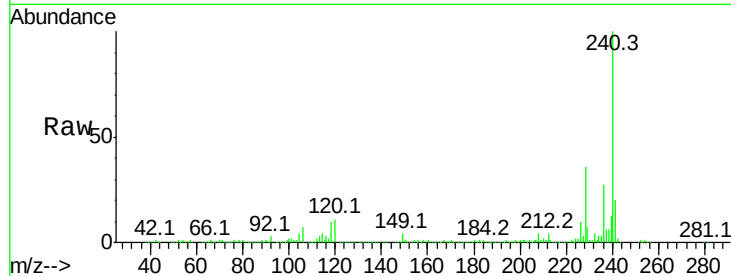
ClientSampleId :

PB89989BS

Tot Ion:	240	Resp:	539137
Ion Ratio	Lower	Upper	
240	100		
120	11.5	11.2	16.8
236	26.5	21.2	31.8

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4/25/2016 12:35:45 PM



#76

Benzidine

Concen: 20.37 ng

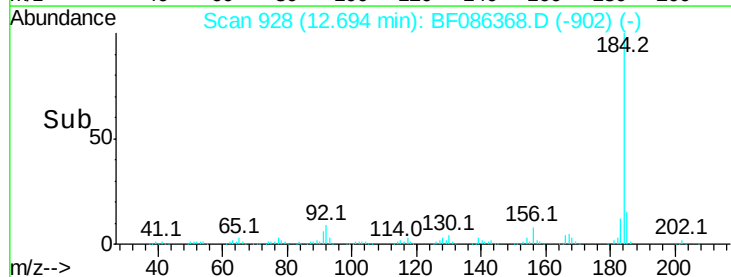
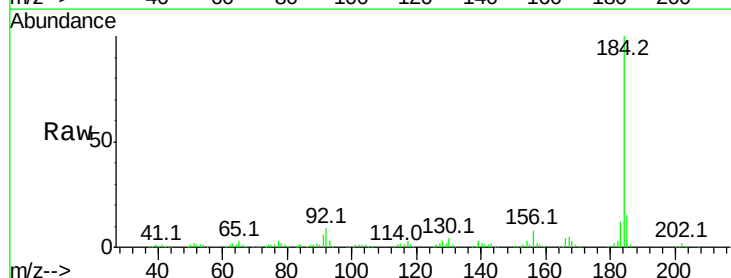
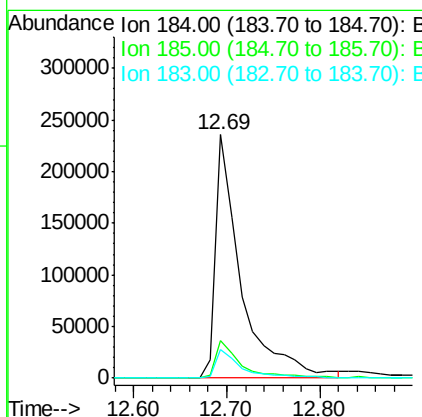
RT: 12.69 min Scan# 928

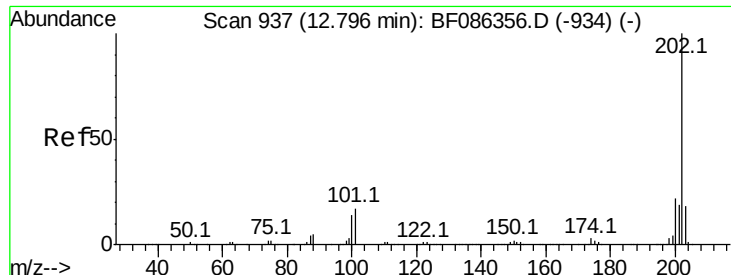
Delta R.T. -0.00 min

Lab File: BF086368.D

Acq: 23 Apr 2016 3:52

Tgt Ion:	184	Resp:	450304
Ion Ratio	Lower	Upper	
184	100		
185	15.2	13.6	20.4
183	11.5	9.8	14.6





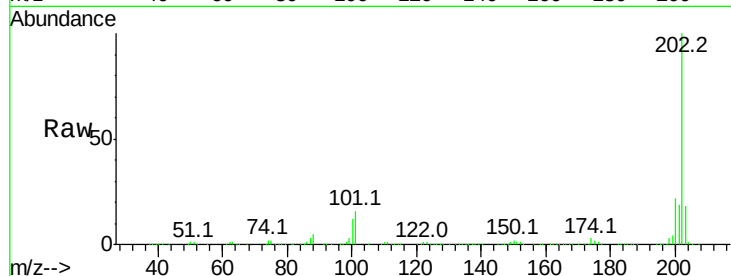
#77
Pvrene
Concen: 37.37 ng
RT: 12.80 min Scan# 937
Delta R.T. -0.00 min
Lab File: BF086368.D
Acq: 23 Apr 2016 3:52

Instrument :
BNA_F
ClientSampleId :
PB89989BS

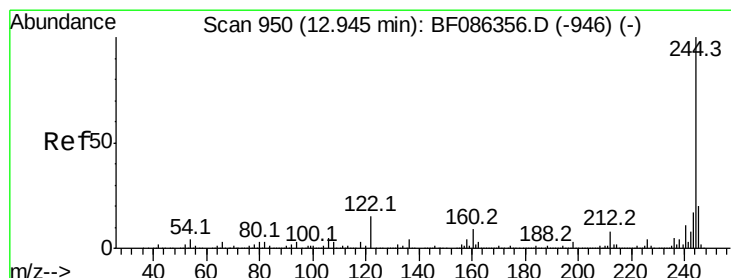
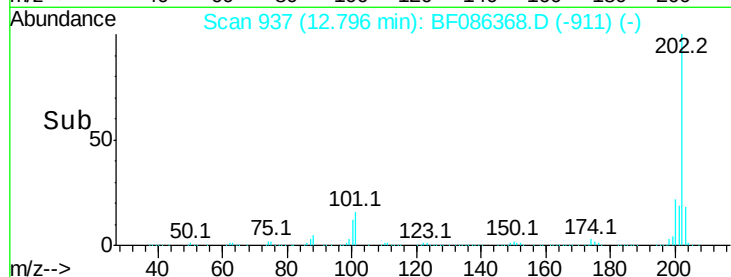
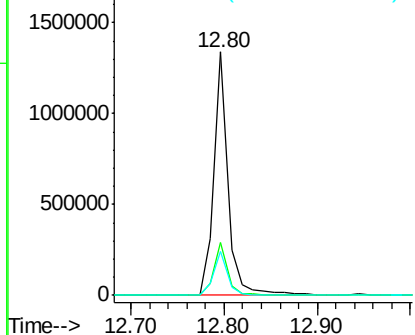
Tot Ion:202 Resp: 1405088
Ion Ratio Lower Upper
202 100
200 21.9 17.7 26.5
203 18.0 14.2 21.4

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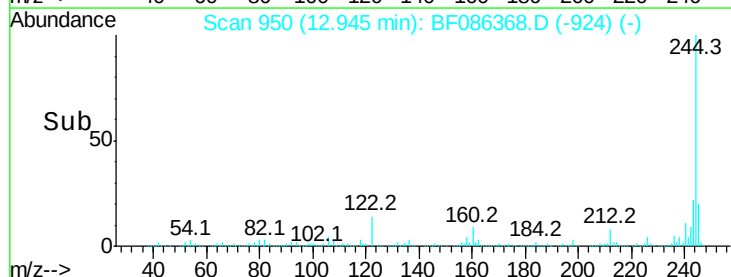
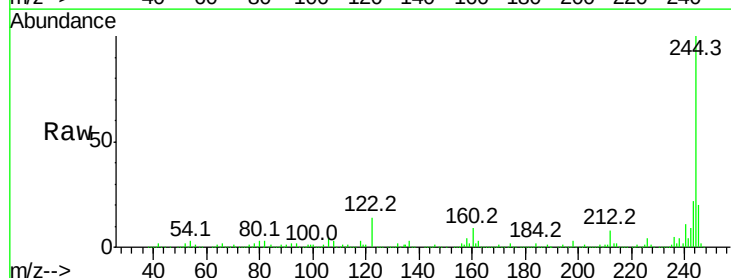
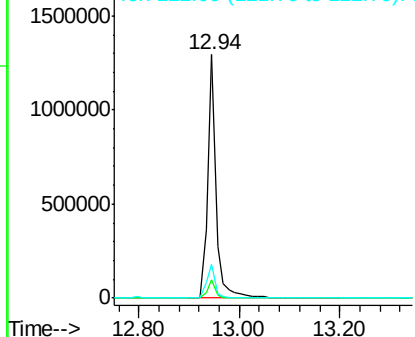
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

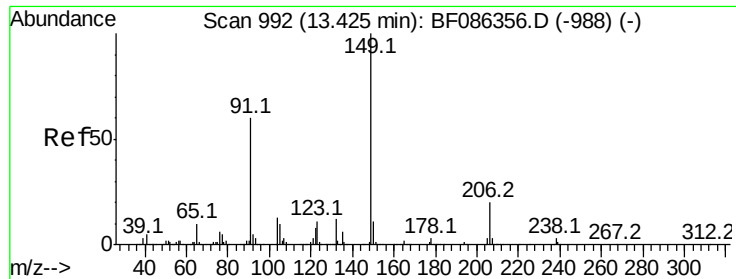


#78
Terphenyl-d14
Concen: 68.71 ng
RT: 12.94 min Scan# 950
Delta R.T. -0.00 min
Lab File: BF086368.D
Acq: 23 Apr 2016 3:52

Tgt Ion:244 Resp: 1490879
Ion Ratio Lower Upper
244 100
212 7.6 6.2 9.2
122 13.8 12.0 18.0

Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





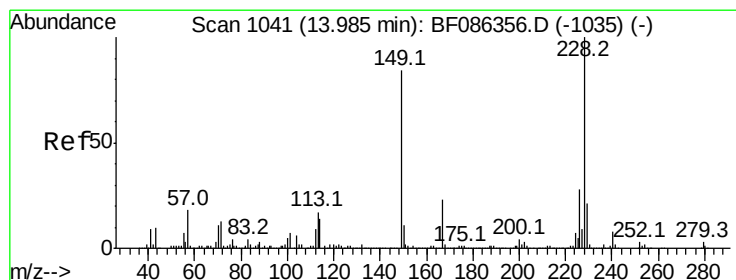
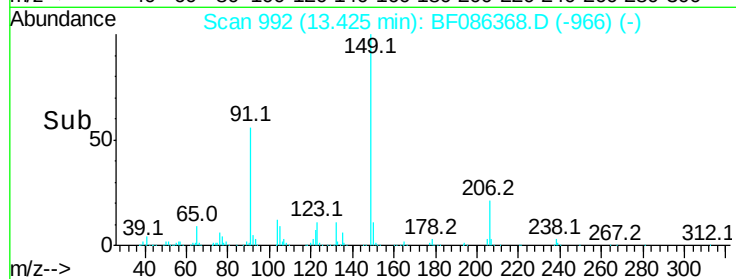
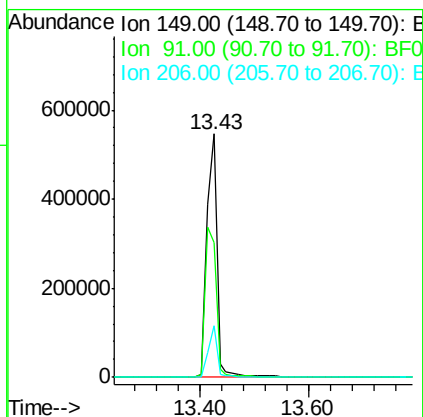
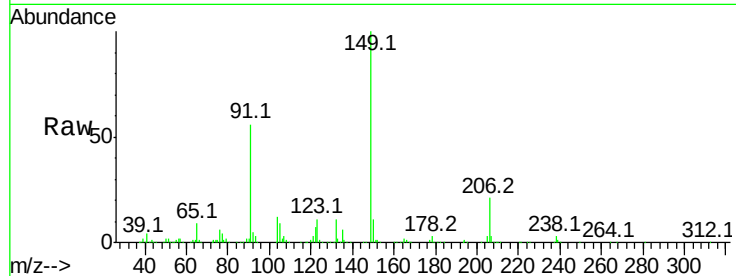
#79
Butylbenzylphthalate
Concen: 40.17 ng
RT: 13.43 min Scan# 992
Delta R.T. -0.00 min
Lab File: BF086368.D
Acq: 23 Apr 2016 3:52

Instrument :
BNA_F
ClientSampleId :
PB89989BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	703591		
91	55.5	48.0	72.0	
206	21.1	15.8	23.6	

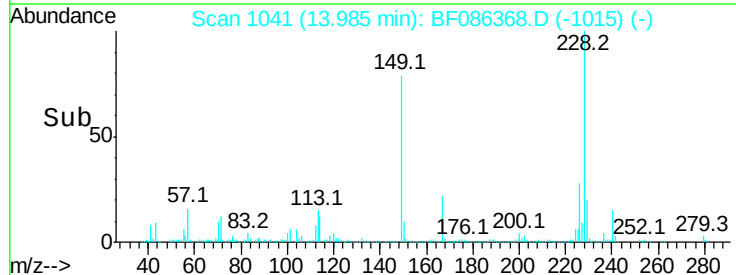
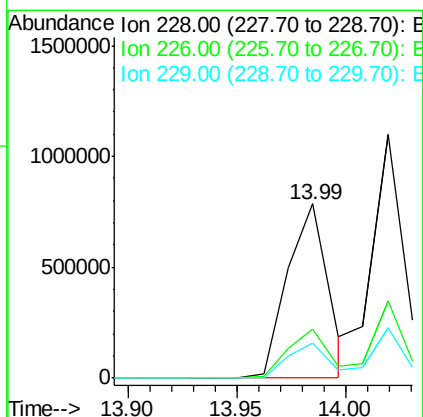
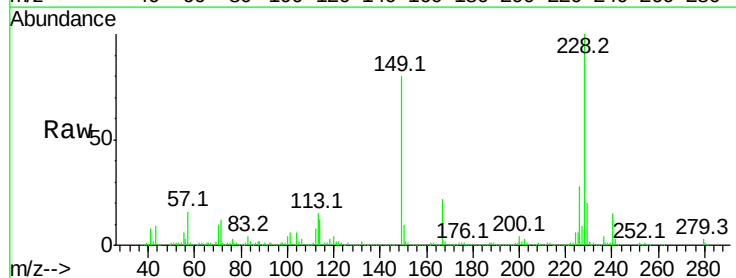
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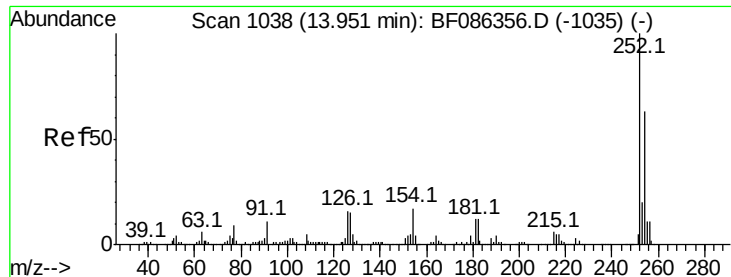
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#80
Benzo(a)anthracene
Concen: 36.58 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BF086368.D
Acq: 23 Apr 2016 3:52

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1023742		
226	28.3	22.5	33.7	
229	20.2	16.6	25.0	





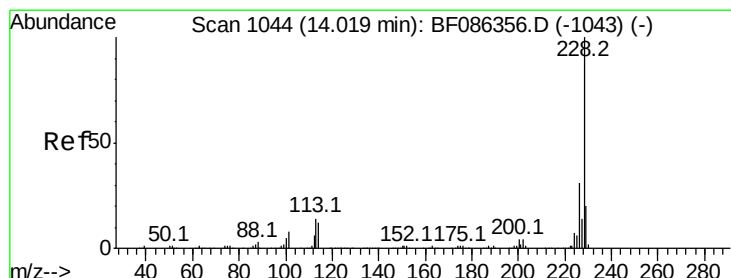
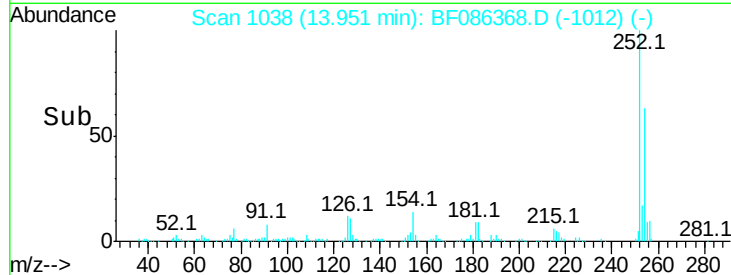
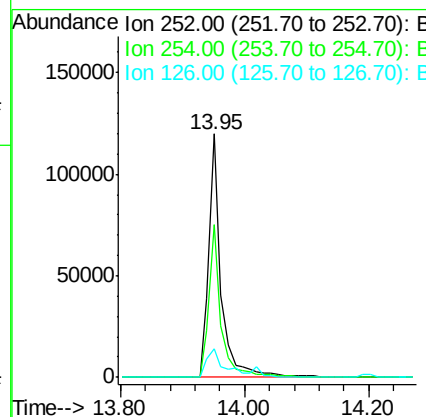
#81
 3,3'-Dichlorobenzidine
 Concen: 8.63 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BF086368.D
 Acq: 23 Apr 2016 3:52

Instrument :
 BNA_F
 ClientSampleId :
 PB89989BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	166667		
254	62.9	50.7	76.1	
126	11.6	12.7	19.1	

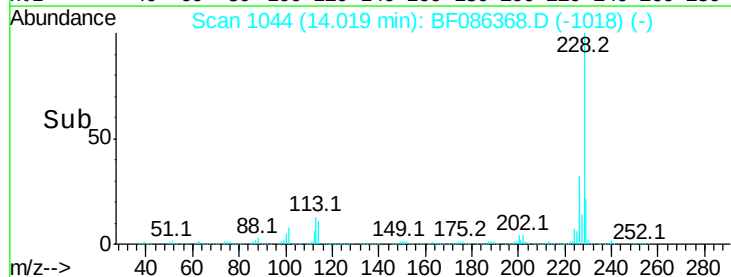
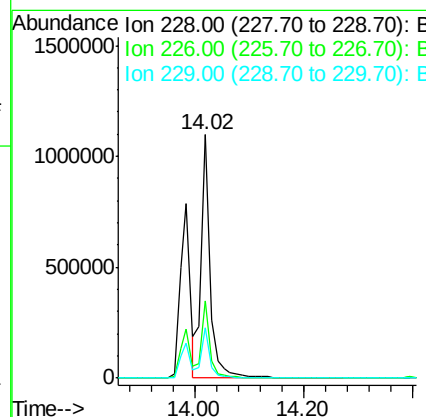
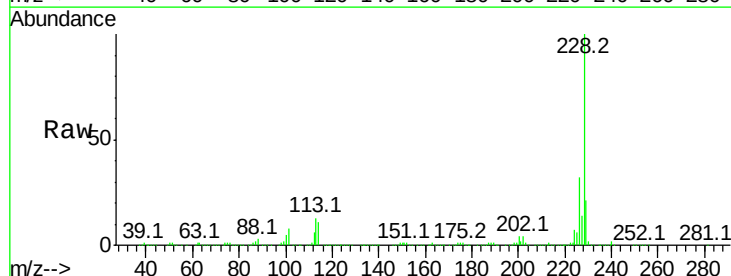
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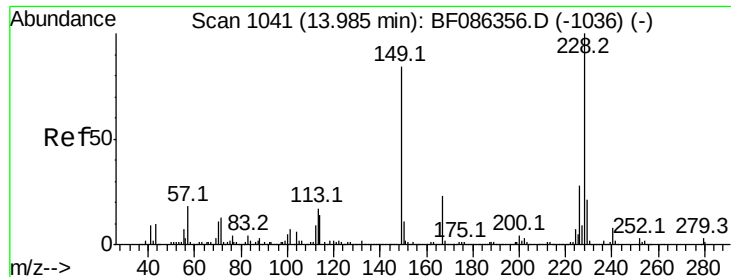
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#82
 Chrysene
 Concen: 39.51 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: BF086368.D
 Acq: 23 Apr 2016 3:52

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1245986		
226	31.6	24.4	36.6	
229	20.6	15.8	23.8	





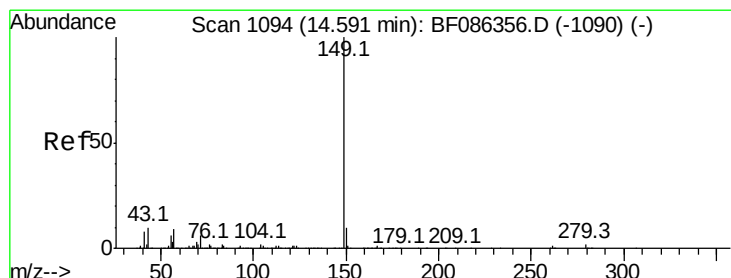
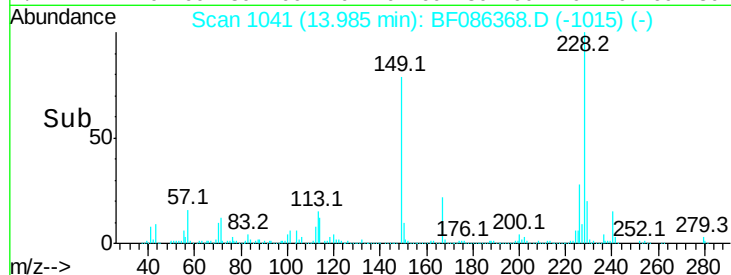
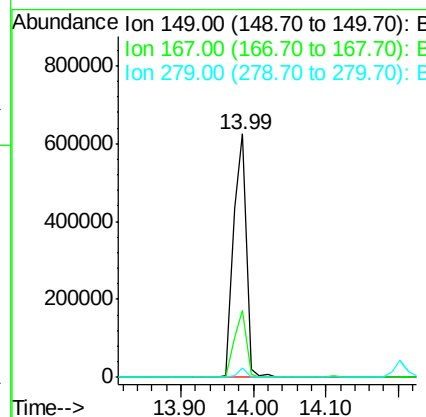
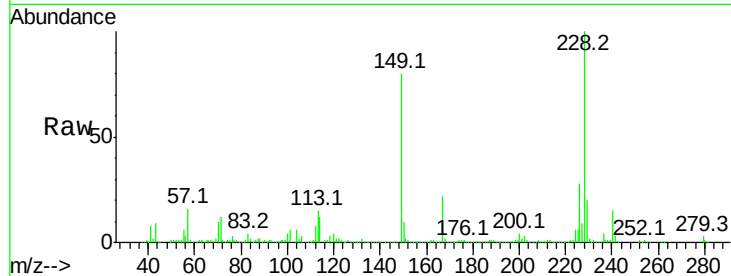
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.75 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BF086368.D
 Acq: 23 Apr 2016 3:52

Instrument :
 BNA_F
 ClientSampleId :
 PB89989BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	27.4	21.8	32.6	
279	3.6	2.6	4.0	

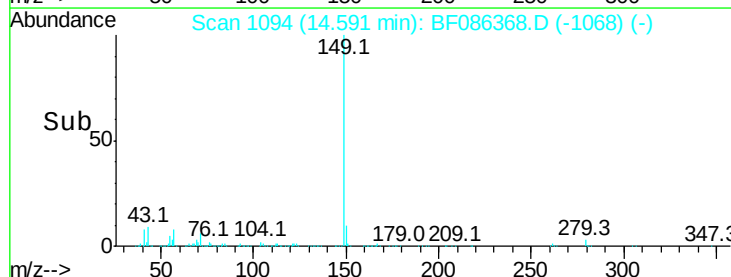
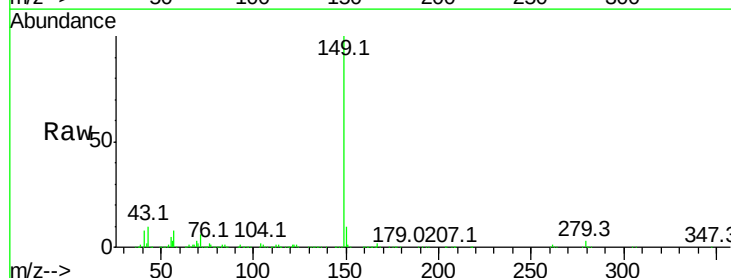
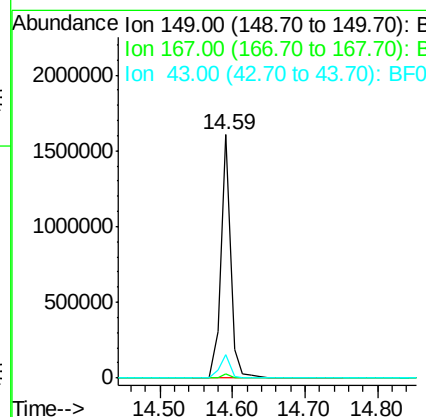
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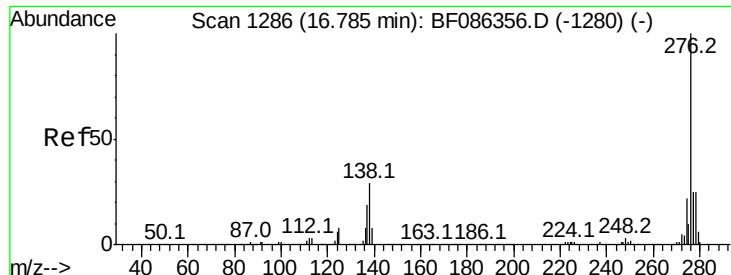
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#84
 Di-n-octyl phthalate
 Concen: 39.75 ng
 RT: 14.59 min Scan# 1094
 Delta R.T. -0.00 min
 Lab File: BF086368.D
 Acq: 23 Apr 2016 3:52

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.6	1.2	1.8	
43	10.2	8.2	12.4	





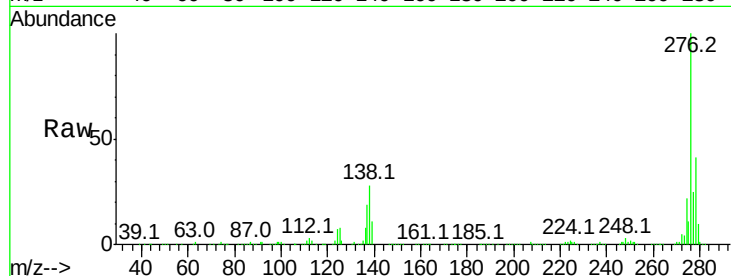
#85
Indeno(1,2,3-cd)pyrene
Concen: 36.48 ng
RT: 16.79 min Scan# 1286
Delta R.T. -0.00 min
Lab File: BF086368.D
Acq: 23 Apr 2016 3:52

Instrument :
BNA_F
ClientSampleId :
PB89989BS

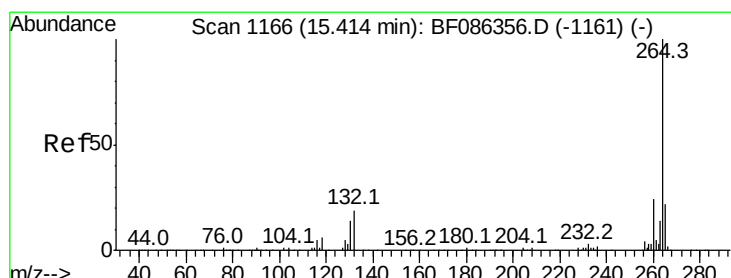
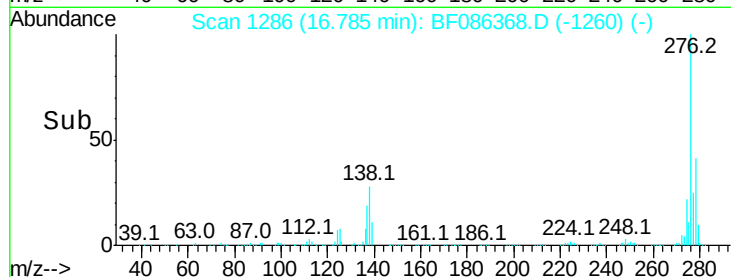
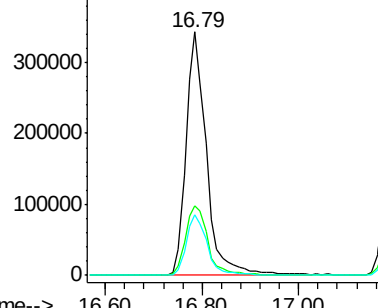
Tot Ion	Ratio	Lower	Upper
276	100		
138	31.7	25.6	38.4
277	25.8	20.5	30.7

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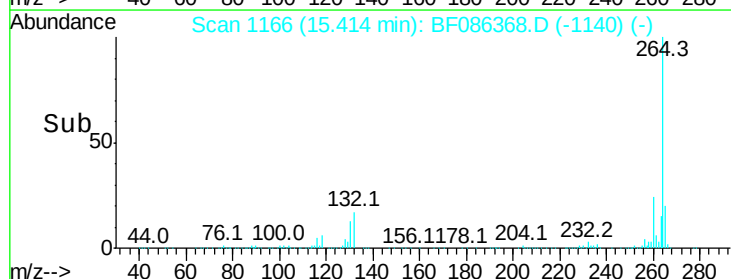
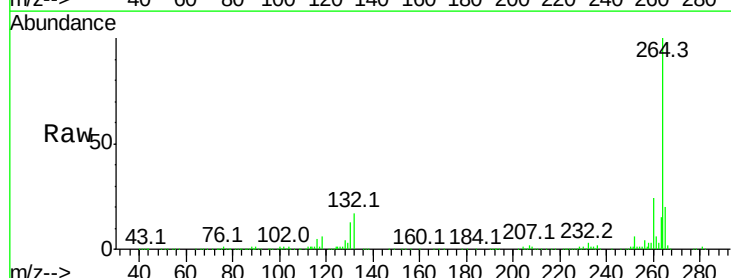
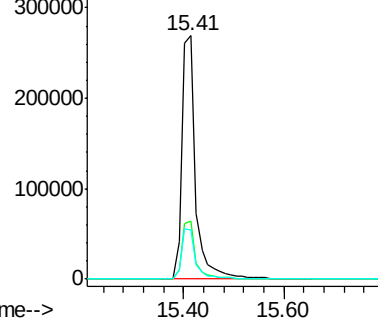
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

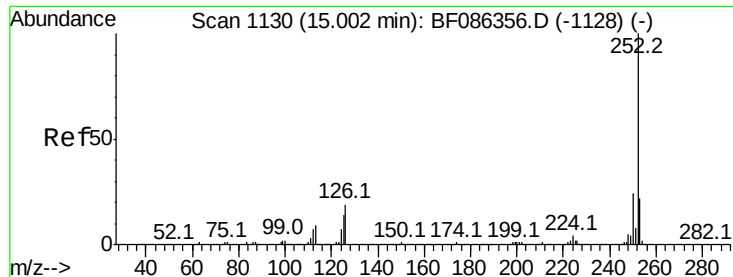


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.41 min Scan# 1166
Delta R.T. -0.00 min
Lab File: BF086368.D
Acq: 23 Apr 2016 3:52

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	20.3	17.3	25.9

Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 35.68 ng m

RT: 15.00 min Scan# 1130

Delta R.T. -0.00 min

Lab File: BF086368.D

Acq: 23 Apr 2016 3:52

Instrument :

BNA_F

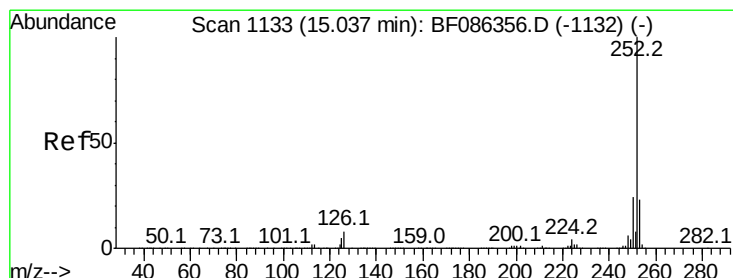
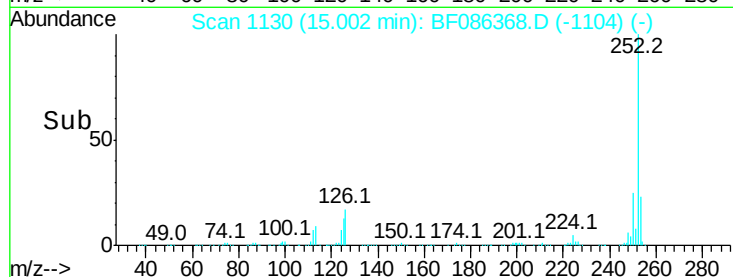
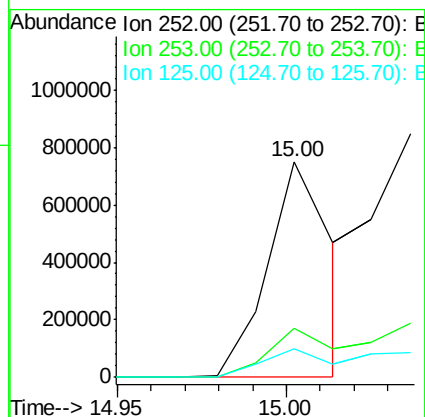
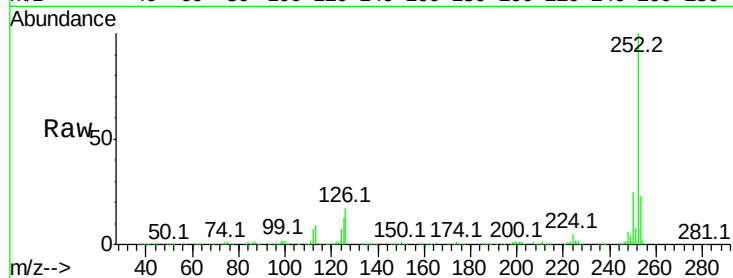
ClientSampled :

PB89989BS

Tot Ion:	252	Resp:	999861
Ion Ratio	Lower	Upper	
252	100		
253	23.0	17.8	26.6
125	13.4	11.4	17.0

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#88

Benzo(k)fluoranthene

Concen: 44.79 ng m

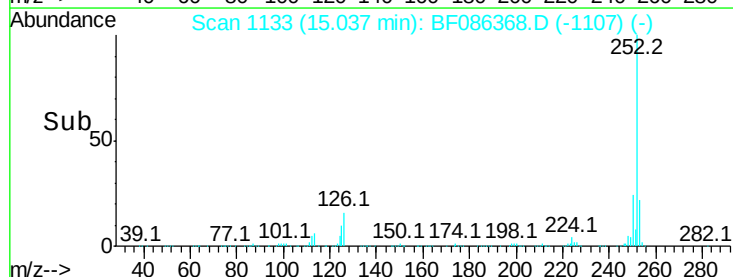
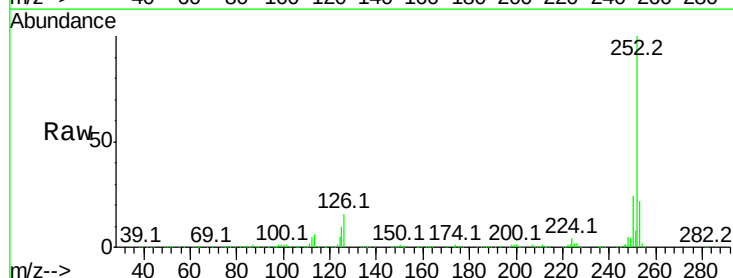
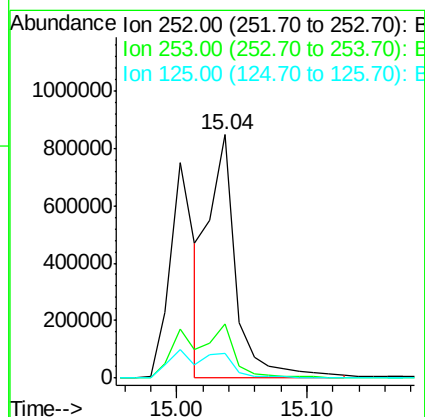
RT: 15.04 min Scan# 1133

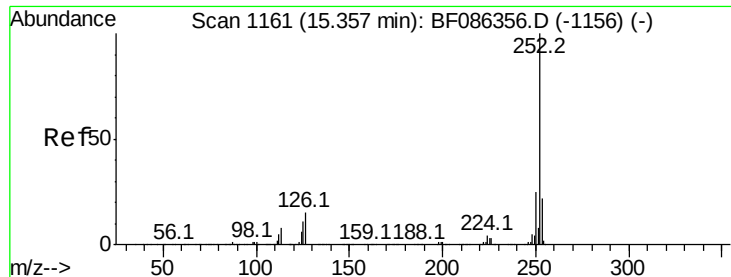
Delta R.T. 0.00 min

Lab File: BF086368.D

Acq: 23 Apr 2016 3:52

Tgt Ion:	252	Resp:	1232018
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.8	26.6
125	10.3	9.1	13.7





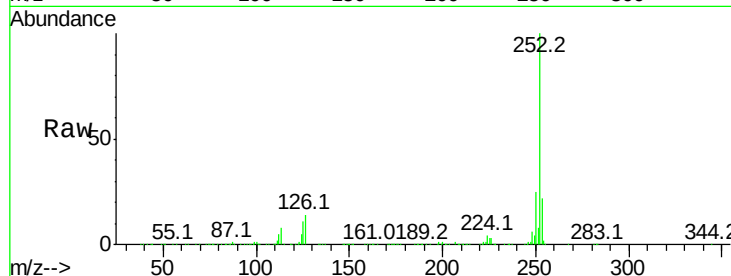
#89
Benzo(a)pyrene
Concen: 38.56 ng
RT: 15.36 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BF086368.D
Acq: 23 Apr 2016 3:52

Instrument :
BNA_F
ClientSampleId :
PB89989BS

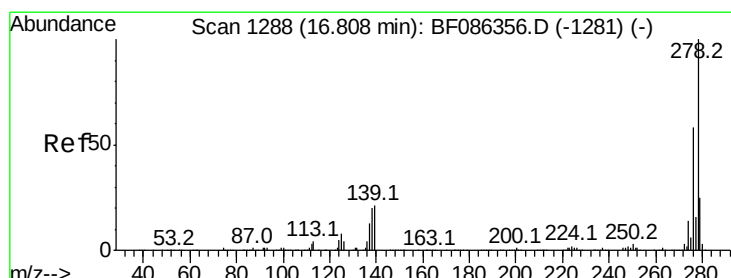
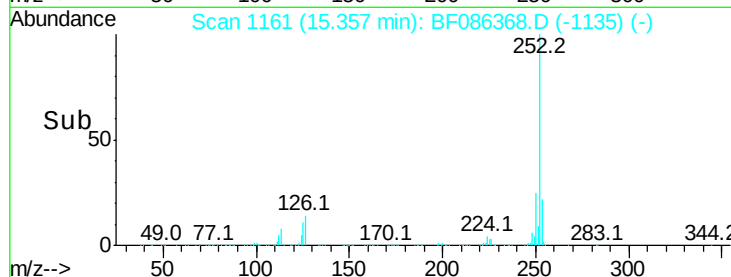
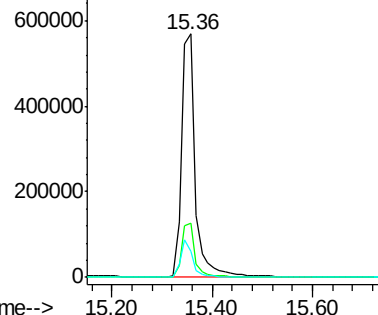
Tot Ion:252 Resp: 1066124
Ion Ratio Lower Upper
252 100
253 22.1 17.2 25.8
125 10.7 9.0 13.6

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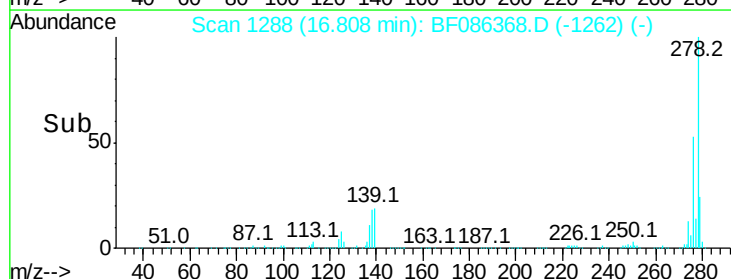
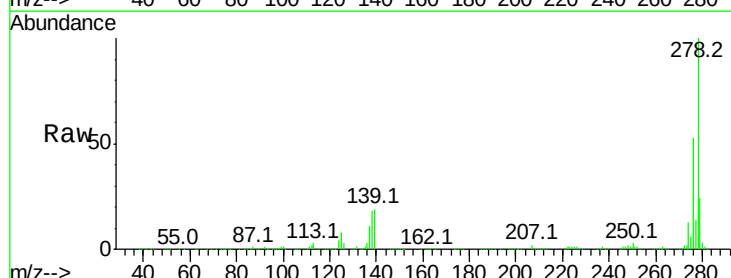
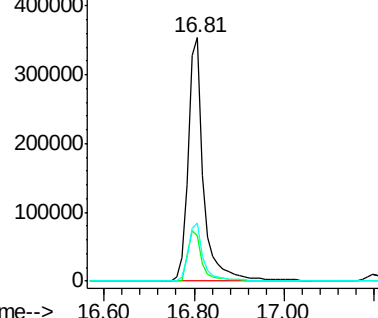
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

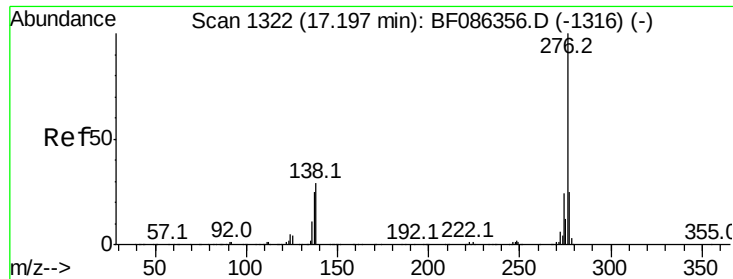


#90
Dibenzo(a,h)anthracene
Concen: 36.93 ng
RT: 16.81 min Scan# 1288
Delta R.T. -0.00 min
Lab File: BF086368.D
Acq: 23 Apr 2016 3:52

Tgt Ion:278 Resp: 842341
Ion Ratio Lower Upper
278 100
139 18.6 16.6 24.8
279 24.0 19.6 29.4

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: 36.70 ng
 RT: 17.20 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: BF086368.D
 Acq: 23 Apr 2016 3:52

Instrument :
 BNA_F
 ClientSampleId :
 PB89989BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.6	29.4
138	27.9	23.6	35.4

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