

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
 Data File : BF086366.D
 Acq On : 23 Apr 2016 2:53
 Operator : UM/SJ
 Sample : PB89976BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB89976BS

Manual Integrations
 APPROVED

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

Quant Time: Apr 23 03:36:55 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	170002	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	700386	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	350701	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	685643	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	514330	20.00	ng	0.00
86) Perylene-d12	15.40	264	476685	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	1211862	123.11	ng	0.02
7) Phenol-d6	6.48	99	1473673	110.12	ng	0.00
23) Nitrobenzene-d5	7.40	82	943914	79.84	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	386480	121.74	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1694928	82.47	ng	0.00
78) Terphenyl-d14	12.94	244	1562253	75.47	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.49	88	166554	30.60	ng	98
3) Pyridine	3.21	79	445421	34.34	ng	95
4) n-Nitrosodimethylamine	3.15	42	177318	36.03	ng	99
6) Aniline	6.51	93	273328	16.74	ng	94
8) 2-Chlorophenol	6.62	128	458081	38.11	ng	100
9) Benzaldehyde	6.38	77	74571	9.17	ng	96
10) Phenol	6.49	94	587774	37.19	ng	97
11) bis(2-Chloroethyl)ether	6.58	93	474689	34.50	ng	98
12) 1,3-Dichlorobenzene	6.78	146	489213	38.17	ng	98
13) 1,4-Dichlorobenzene	6.86	146	511018	36.30	ng	98
14) 1,2-Dichlorobenzene	7.01	146	484934	37.91	ng	97
15) Benzyl Alcohol	6.99	79	308884	38.89	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	621581	34.47	ng	99
17) 2-Methylphenol	7.10	107	379924	38.58	ng	99
18) Hexachloroethane	7.36	117	175407	36.99	ng	94
19) n-Nitroso-di-n-propylamine	7.25	70	293036	36.64	ng	# 86
20) 3+4-Methylphenols	7.25	107	427177	40.92	ng	96
22) Acetophenone	7.25	105	602003	40.97	ng	# 96
24) Nitrobenzene	7.42	77	478078	37.70	ng	94
25) Isophorone	7.66	82	876033	37.81	ng	97
26) 2-Nitrophenol	7.74	139	264033	42.14	ng	97
27) 2,4-Dimethylphenol	7.78	122	443259	41.31	ng	93
28) bis(2-Chloroethoxy)methane	7.88	93	553983	42.82	ng	100
29) 2,4-Dichlorophenol	7.98	162	407512	45.95	ng	98
30) 1,2,4-Trichlorobenzene	8.06	180	390661	40.55	ng	95
31) Naphthalene	8.14	128	1338036	37.50	ng	98
32) Benzoic acid	7.90	122	265247	38.67	ng	95
33) 4-Chloroaniline	8.20	127	99168	7.14	ng	97
34) Hexachlorobutadiene	8.27	225	197852	41.13	ng	97
35) Caprolactam	8.56	113	134368m	42.22	ng	
36) 4-Chloro-3-methylphenol	8.68	107	449707	42.66	ng	99
37) 2-Methylnaphthalene	8.84	142	905668	44.01	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	317167	34.96	ng	98
40) Hexachlorocyclopentadiene	8.99	237	369633	83.41	ng	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	246175	41.38	nq	98
43) 2,4,5-Trichlorophenol	9.16	196	292926	39.99	nq	99
45) 1,1'-Biphenyl	9.30	154	1051042	38.63	nq	96
46) 2-Chloronaphthalene	9.33	162	837094	38.87	nq	97
47) 2-Nitroaniline	9.42	65	279693	41.71	nq	97
48) Acenaphthylene	9.74	152	1410296	40.39	nq	98
49) Dimethylphthalate	9.61	163	1017390	40.16	nq	100
50) 2,6-Dinitrotoluene	9.66	165	228448	41.74	nq	95
51) Acenaphthene	9.92	154	953167	44.44	nq	100
52) 3-Nitroaniline	9.84	138	92192	13.46	nq	99
53) 2,4-Dinitrophenol	9.94	184	240351	84.48	nq	90
54) Dibenzofuran	10.09	168	1194742	43.37	nq	100
55) 4-Nitrophenol	10.00	139	387847	80.90	nq	85
56) 2,4-Dinitrotoluene	10.06	165	305733	42.07	nq	98
57) Fluorene	10.43	166	912614	40.43	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.20	232	245777	45.91	nq	95
59) Diethylphthalate	10.30	149	939417	38.72	nq	99
60) 4-Chlorophenyl-phenylether	10.42	204	376085	38.10	nq	97
61) 4-Nitroaniline	10.45	138	270821	38.62	nq	97
62) Azobenzene	10.58	77	1059698	42.12	nq	98
64) 4,6-Dinitro-2-methylphenol	10.48	198	163455	39.01	nq	99
65) n-Nitrosodiphenylamine	10.54	169	837636	39.62	nq	99
66) 4-Bromophenyl-phenylether	10.91	248	257764	38.39	nq	94
67) Hexachlorobenzene	10.97	284	264177	36.88	nq	# 60
68) Atrazine	11.07	200	265263	40.64	nq	99
69) Pentachlorophenol	11.16	266	324264	77.09	nq	97
70) Phenanthrene	11.39	178	1335696	38.77	nq	100
71) Anthracene	11.44	178	1450947	36.76	nq	100
72) Carbazole	11.60	167	1489458	40.17	nq	99
73) Di-n-butylphthalate	11.93	149	1545568	39.63	nq	100
74) Fluoranthene	12.57	202	1414422	38.07	nq	97
76) Benzidine	12.69	184	449840	21.33	nq	97
77) Pyrene	12.80	202	1385714	38.63	nq	99
79) Butylbenzylphthalate	13.43	149	688422	41.20	nq	94
80) Benzo(a)anthracene	13.99	228	1018272	38.14	nq	99
81) 3,3'-Dichlorobenzidine	13.95	252	157435	8.55	nq	# 96
82) Chrysene	14.02	228	1248000	41.49	nq	99
83) Bis(2-ethylhexyl)phthalate	13.99	149	757558	40.49	nq	99
84) Di-n-octyl phthalate	14.59	149	1496770	41.67	nq	99
85) Indeno(1,2,3-cd)pyrene	16.79	276	1003770	37.54	nq	99
87) Benzo(b)fluoranthene	15.00	252	971291m	37.12	nq	
88) Benzo(k)fluoranthene	15.04	252	1205879m	46.96	nq	
89) Benzo(a)pyrene	15.36	252	1051202	40.73	nq	100
90) Dibenzo(a,h)anthracene	16.81	278	836386	39.28	nq	97
91) Benzo(g,h,i)perylene	17.20	276	854288	38.87	nq	97

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

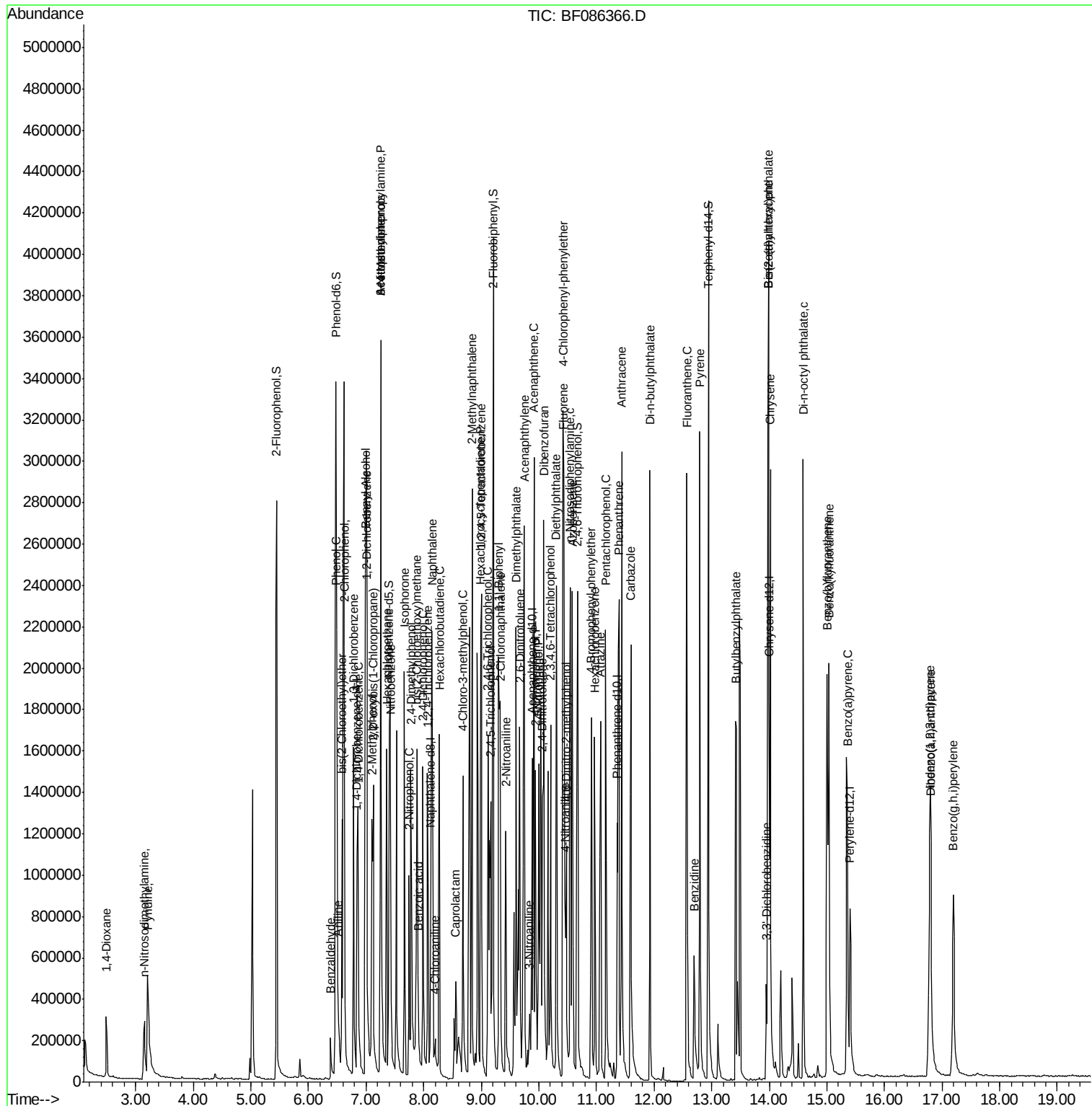
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Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\  
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Sample    : PB89976BS  
Misc      :  
ALS Vial  : 13    Sample Multiplier: 1
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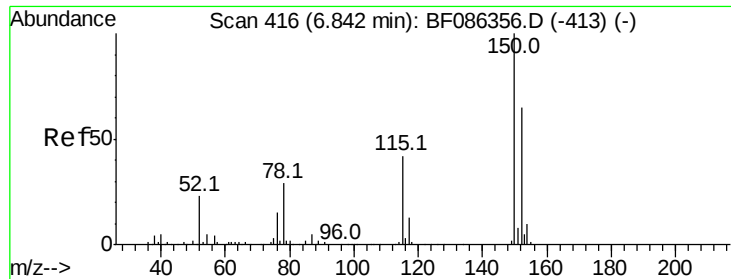
Instrument :
BNA_F
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.00 min

Lab File: BF086366.D

Acq: 23 Apr 2016 2:53

Instrument :

BNA_F

ClientSampleId :

PB89976BS

Tot Ion:152 Resp: 170002

Ion Ratio Lower Upper

152 100

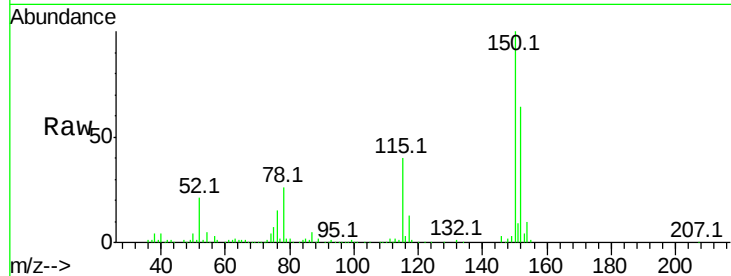
150 156.6 125.8 188.6

115 63.3 51.5 77.3

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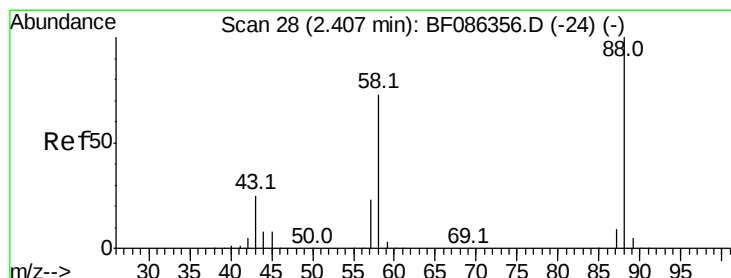
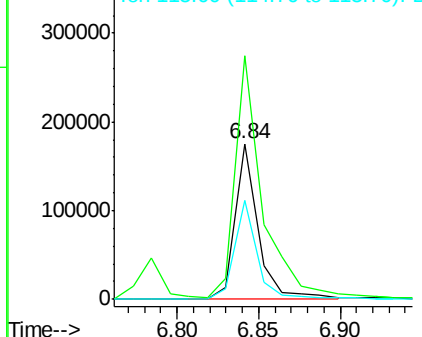
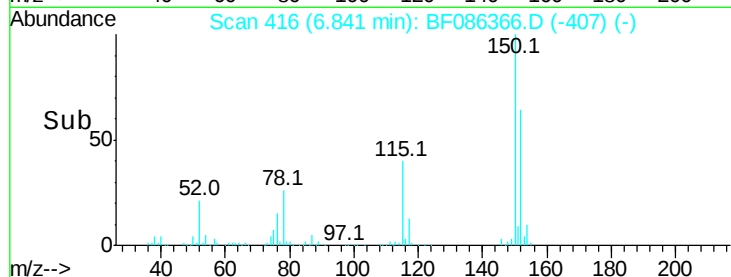
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 30.60 ng

RT: 2.49 min Scan# 35

Delta R.T. 0.08 min

Lab File: BF086366.D

Acq: 23 Apr 2016 2:53

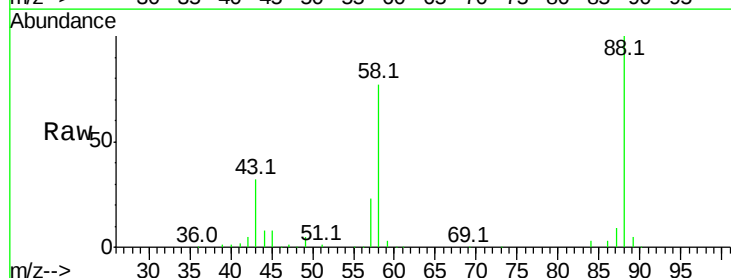
Tgt Ion: 88 Resp: 166554

Ion Ratio Lower Upper

88 100

58 72.3 59.6 89.4

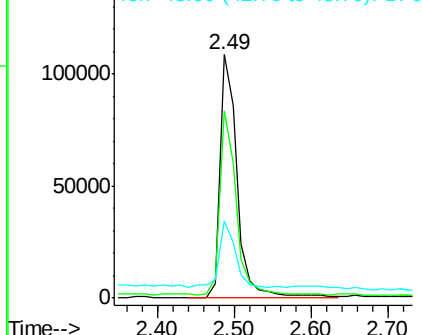
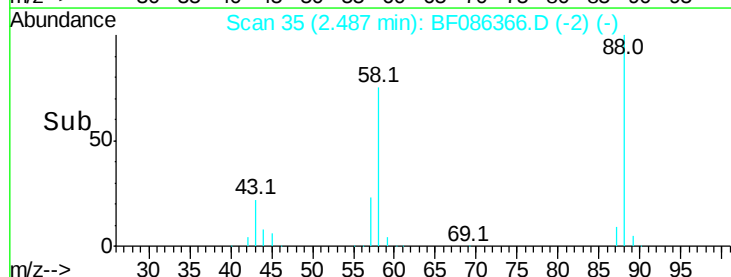
43 26.6 21.8 32.6

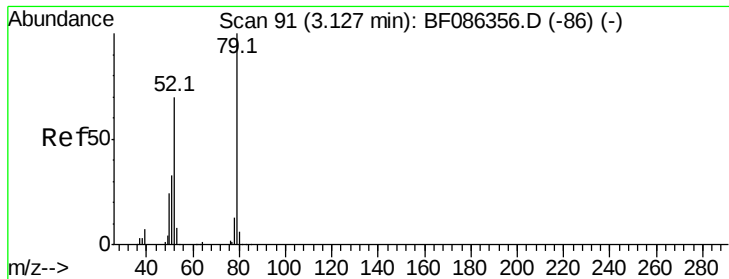


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 34.34 ng

RT: 3.21 min Scan# 98

Delta R.T. 0.08 min

Lab File: BF086366.D

Acq: 23 Apr 2016 2:53

Instrument :

BNA_F

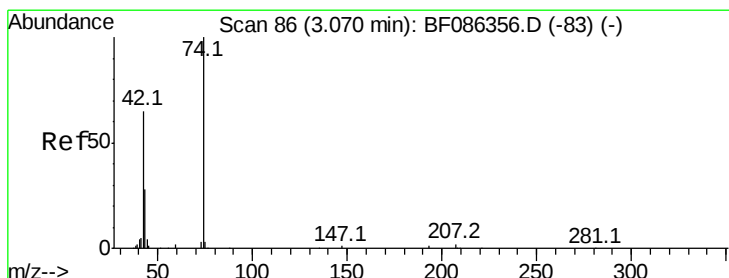
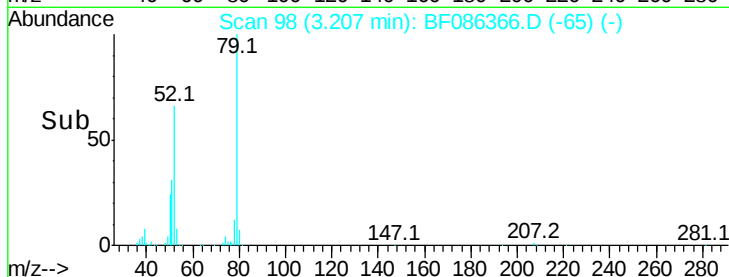
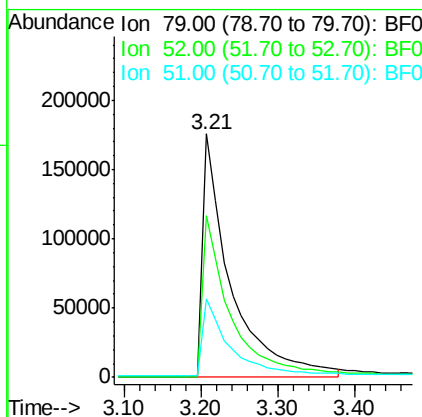
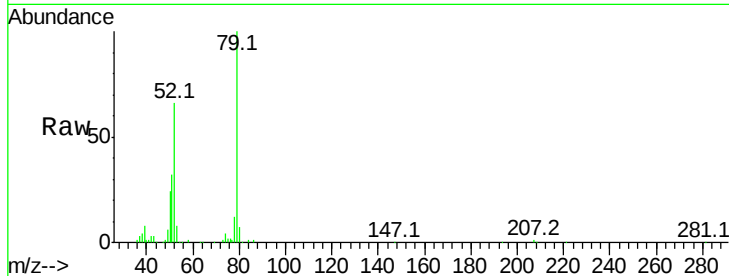
ClientSampleId :

PB89976BS

Tot Ion:	79	Resp:	445421
Ion Ratio	Lower	Upper	
79	100		
52	66.2	55.9	83.9
51	32.0	28.1	42.1

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#4

n-Nitrosodimethylamine

Concen: 36.03 ng

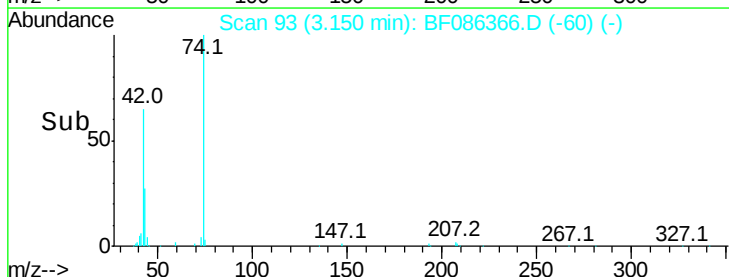
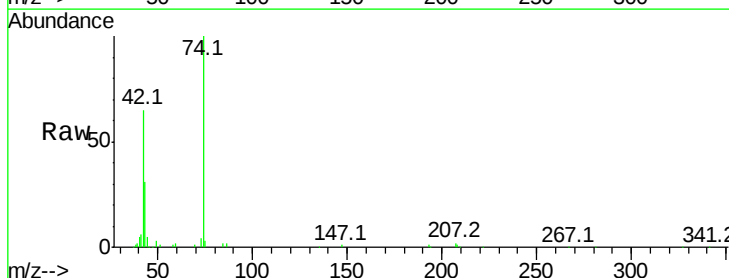
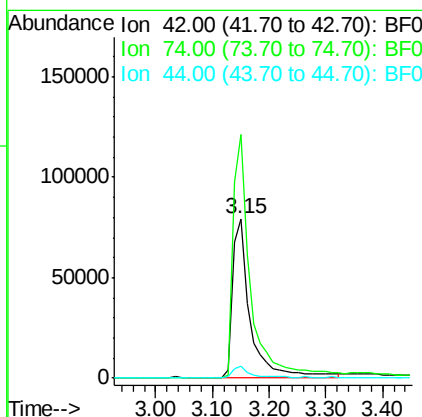
RT: 3.15 min Scan# 93

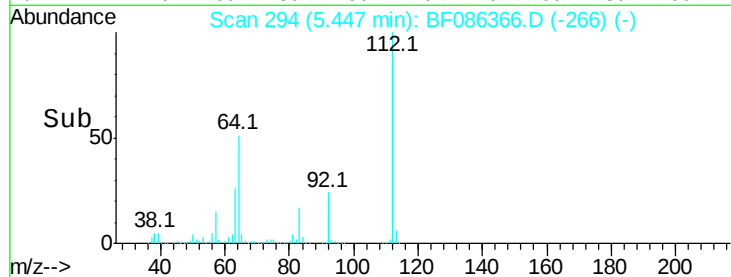
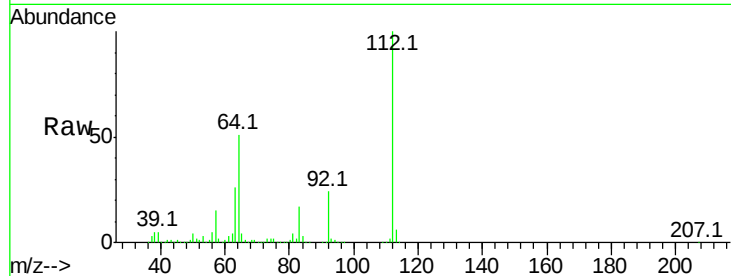
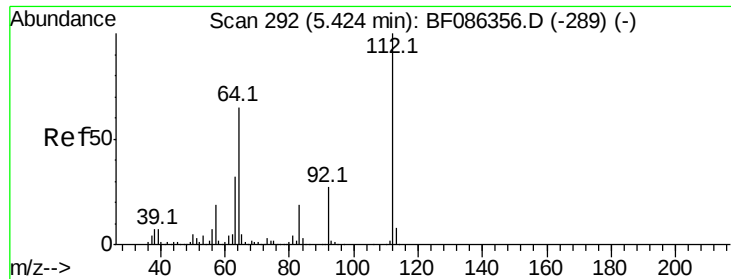
Delta R.T. 0.08 min

Lab File: BF086366.D

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Tgt Ion:	42	Resp:	177318
Ion Ratio	Lower	Upper	
42	100		
74	152.7	123.4	185.0
44	7.2	5.8	8.6





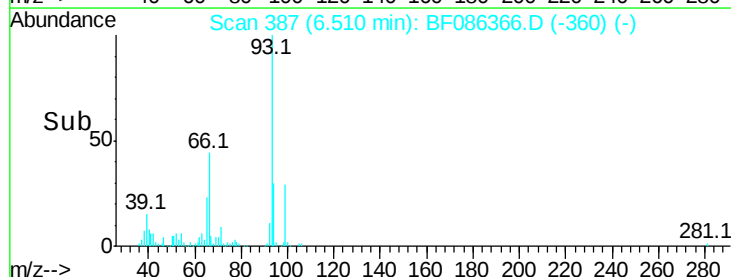
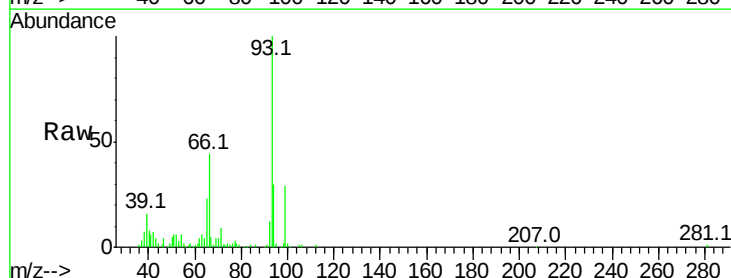
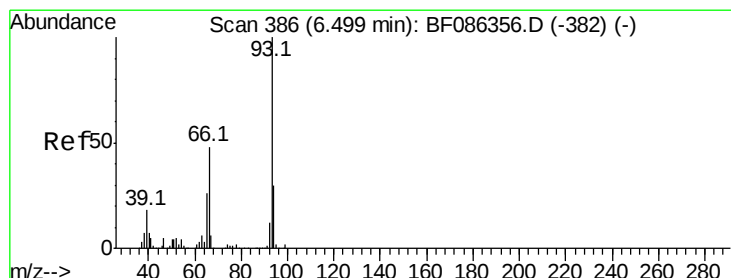
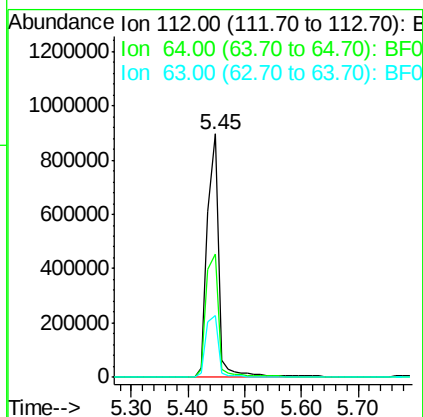
#5
2-Fluorophenol
Concen: 123.11 ng
RT: 5.45 min Scan# 294
Delta R.T. 0.02 min
Lab File: BF086366.D
Acq: 23 Apr 2016 2:53

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PB89976BS

Tot Ion	Ratio	Lower	Upper
112	100		
64	50.6	52.1	78.1#
63	25.6	25.7	38.5#

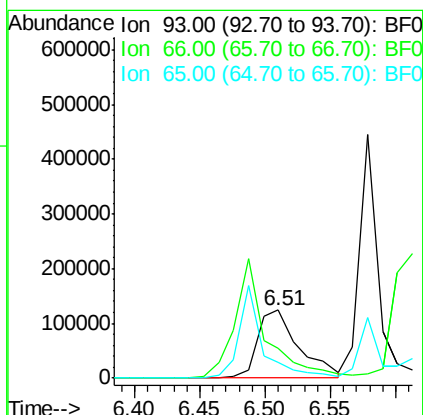
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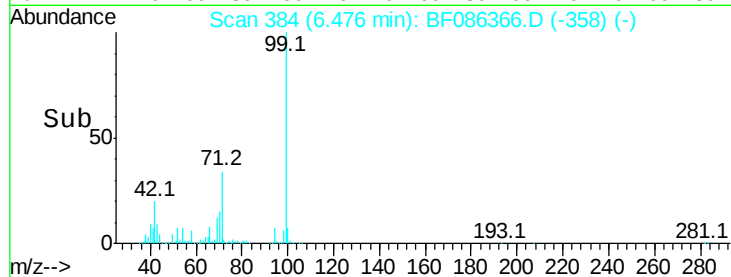
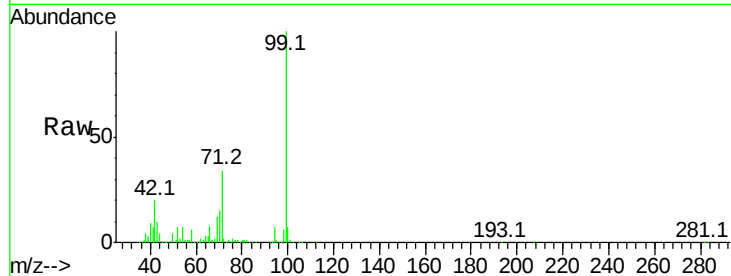
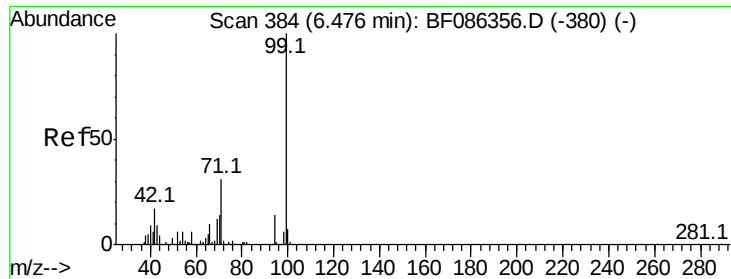
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#6
Aniline
Concen: 16.74 ng
RT: 6.51 min Scan# 387
Delta R.T. 0.01 min
Lab File: BF086366.D
Acq: 23 Apr 2016 2:53

Tgt Ion	Ratio	Lower	Upper
93	100		
66	44.2	39.0	58.6
65	23.1	20.6	31.0





#7

Phenol-d6

Concen: 110.12 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.00 min

Lab File: BF086366.D

Acq: 23 Apr 2016 2:53

Tot Ion: 99 Resp: 1473673

Ion Ratio Lower Upper

99 100

42 19.6 13.6 20.4

71 33.7 24.6 36.8

Instrument :

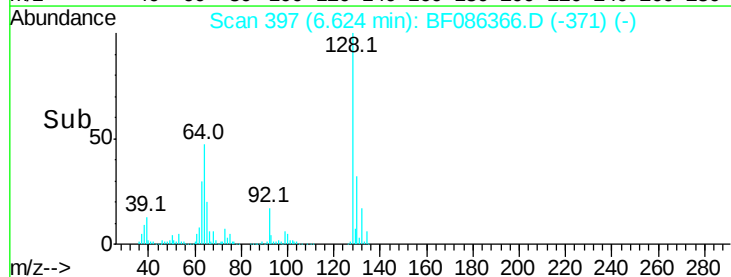
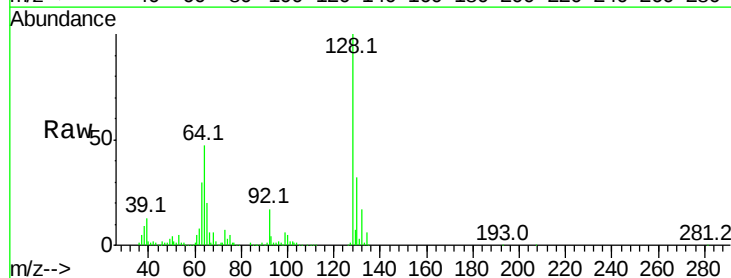
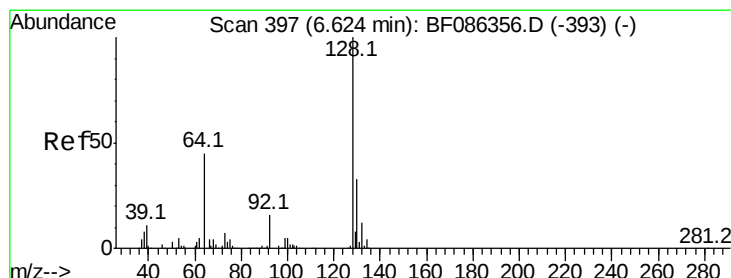
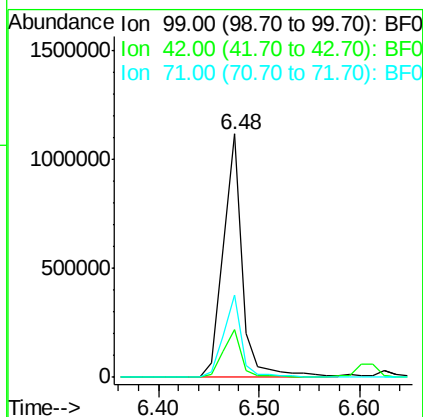
BNA_F

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PB89976BS

Manual Integrations
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#8

2-Chlorophenol

Concen: 38.11 ng

RT: 6.62 min Scan# 397

Delta R.T. -0.00 min

Lab File: BF086366.D

Acq: 23 Apr 2016 2:53

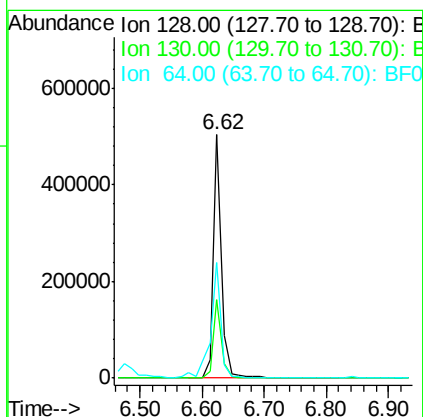
Tgt Ion: 128 Resp: 458081

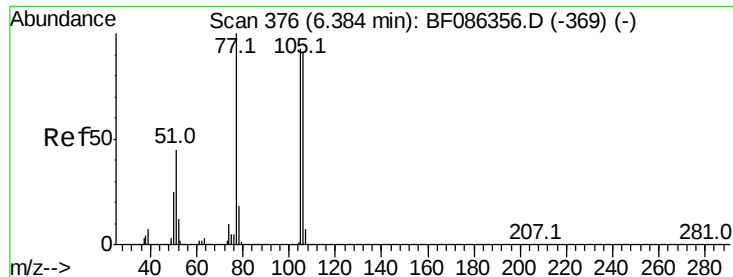
Ion Ratio Lower Upper

128 100

130 32.4 12.5 52.5

64 47.2 27.3 67.3





#9

Benzaldehyde

Concen: 9.17 ng

RT: 6.38 min Scan# 376

Delta R.T. 0.00 min

Lab File: BF086366.D

Acq: 23 Apr 2016 2:53

Instrument :

BNA_F

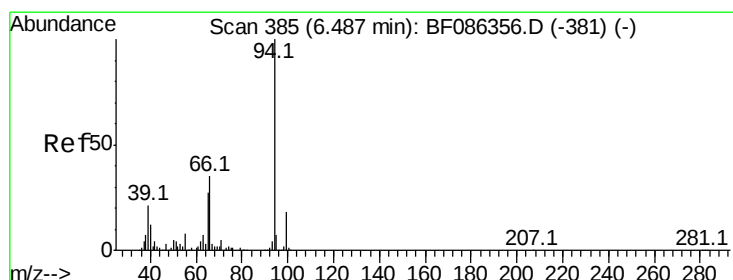
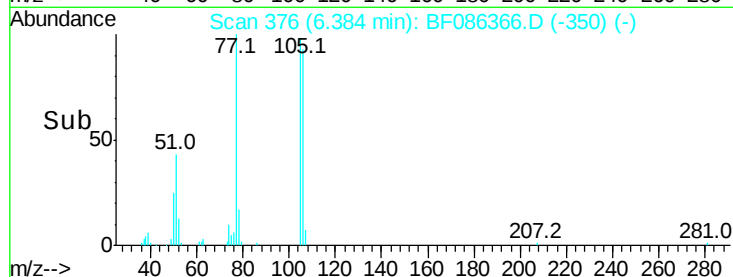
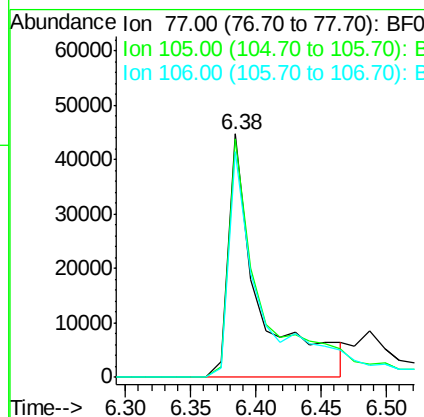
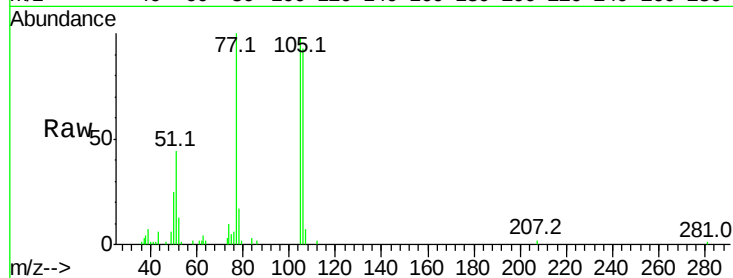
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Tot Ion	77	Resp	74571
Ion Ratio	Lower	Upper	
77	100		
105	97.9	72.7	112.7
106	92.7	70.8	110.8



#10

Phenol

Concen: 37.19 ng

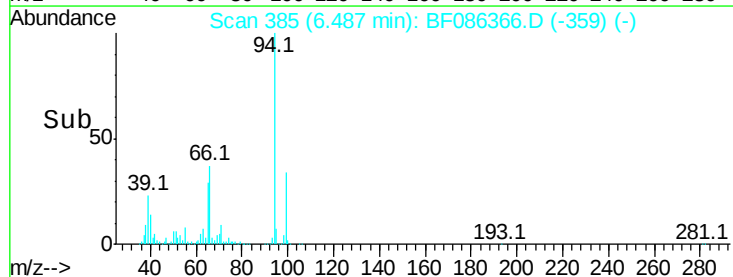
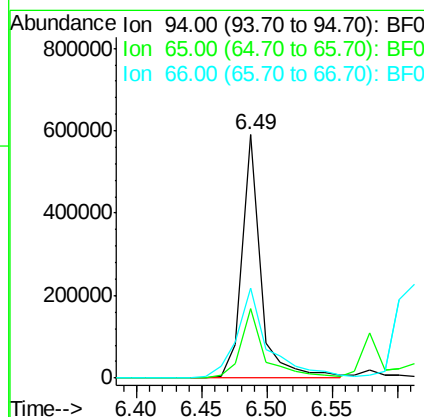
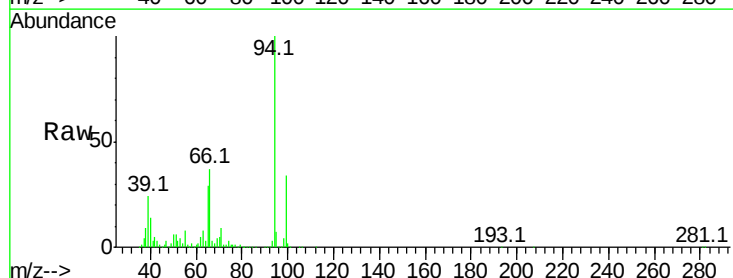
RT: 6.49 min Scan# 385

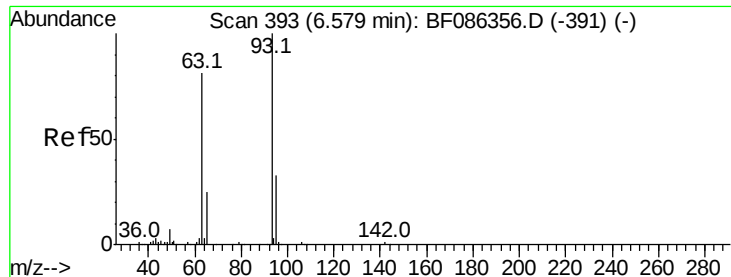
Delta R.T. -0.00 min

Lab File: BF086366.D

Acq: 23 Apr 2016 2:53

Tgt Ion	94	Resp	587774
Ion Ratio	Lower	Upper	
94	100		
65	28.7	7.2	47.2
66	37.1	14.9	54.9





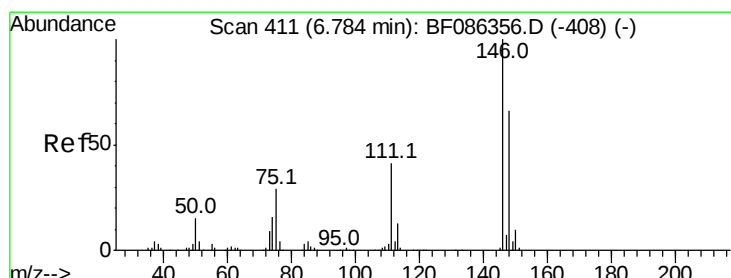
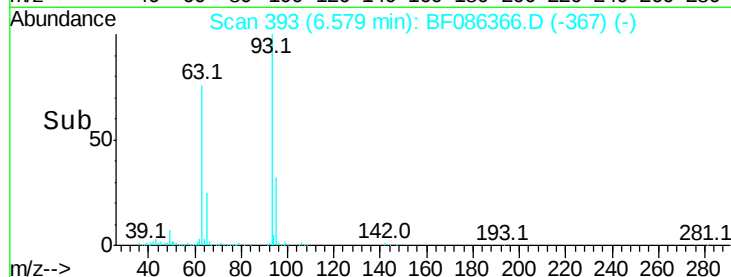
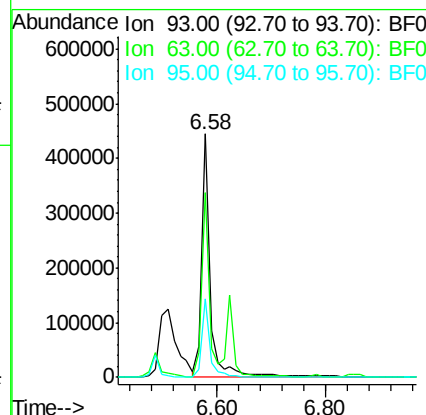
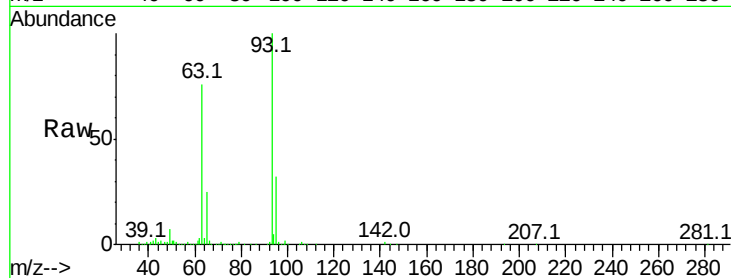
#11
bis(2-Chloroethyl)ether
Concen: 34.50 ng
RT: 6.58 min Scan# 393
Delta R.T. -0.00 min
Lab File: BF086366.D
Acq: 23 Apr 2016 2:53

Instrument :
BNA_F
ClientSampleId :
PB89976BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		474689		
63	76.1	58.0		98.0	
95	32.0	11.9		51.9	

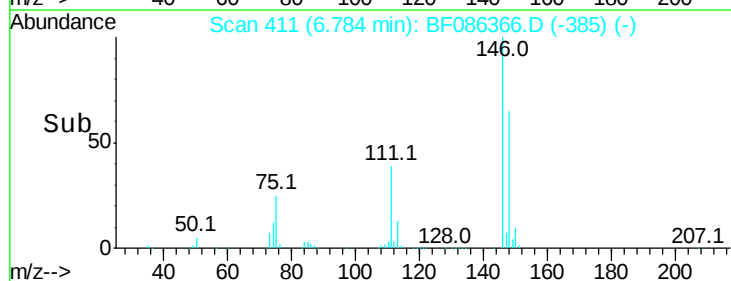
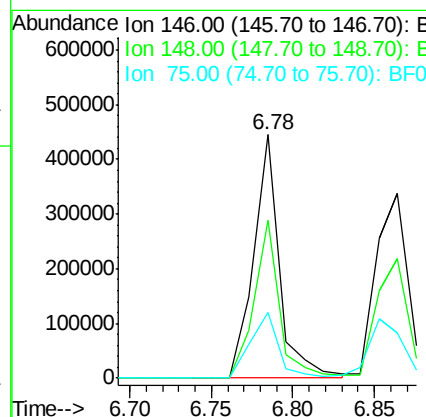
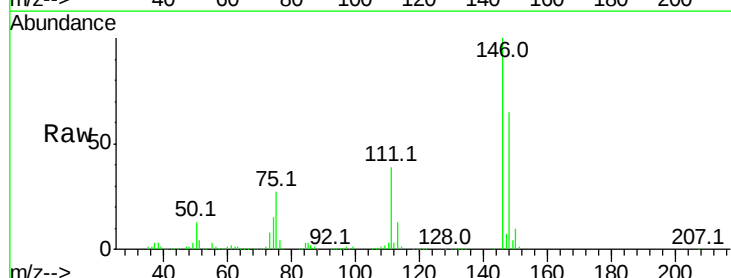
Manual Integrations
APPROVED

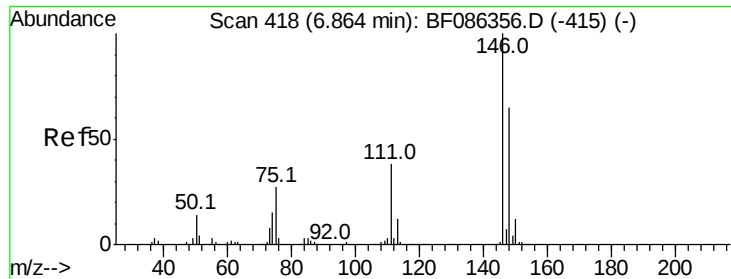
sohil
4/25/2016 12:35:45 PM



#12
1,3-Dichlorobenzene
Concen: 38.17 ng
RT: 6.78 min Scan# 411
Delta R.T. -0.00 min
Lab File: BF086366.D
Acq: 23 Apr 2016 2:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		489213		
148	64.7	52.4		78.6	
75	26.8	22.8		34.2	





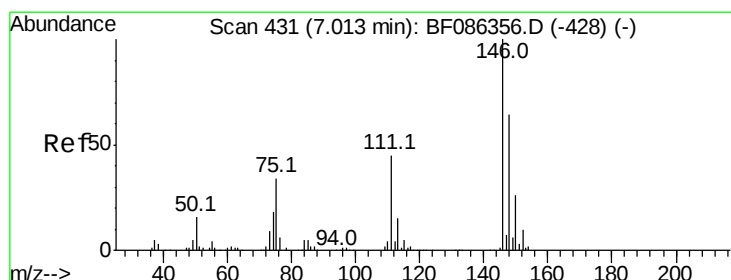
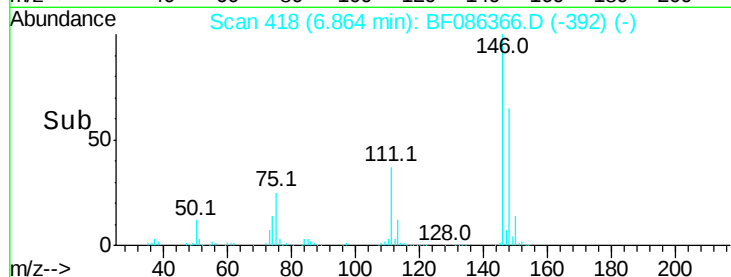
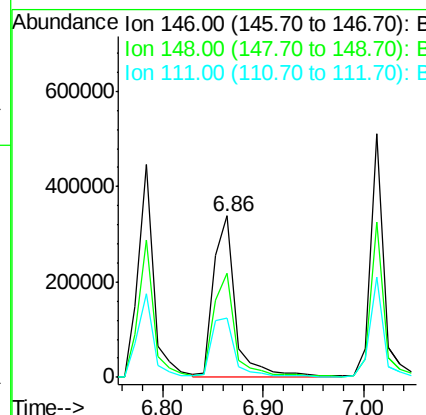
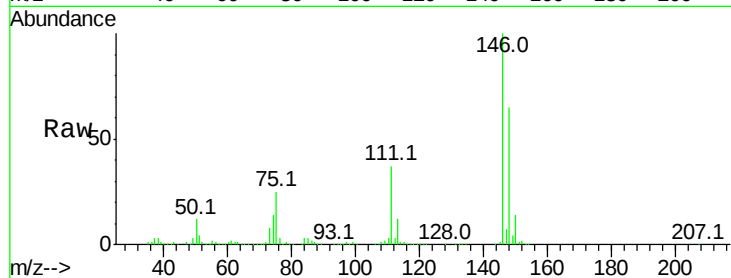
#13
1,4-Dichlorobenzene
Concen: 36.30 ng
RT: 6.86 min Scan# 418
Delta R.T. -0.00 min
Lab File: BF086366.D
Acq: 23 Apr 2016 2:53

Instrument :
BNA_F
ClientSampleId :
PB89976BS

Tot Ion	Ratio	Resp	Lower	Upper
146	100	511018		
148	64.6	52.2	78.4	
111	36.7	30.7	46.1	

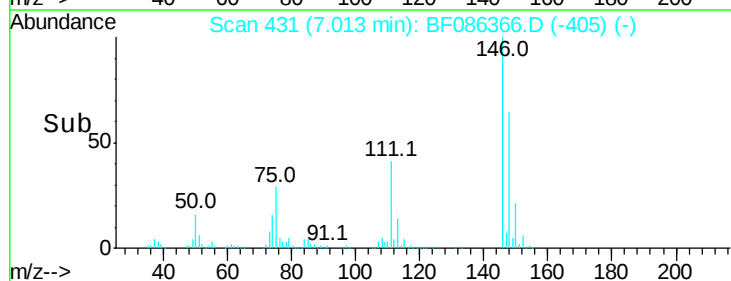
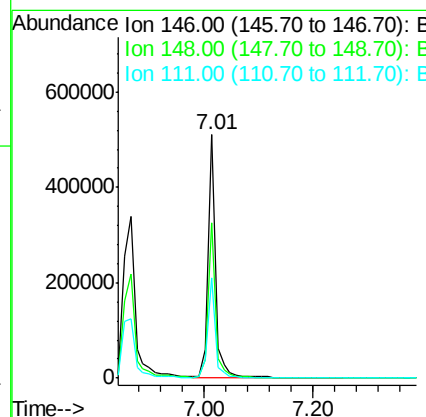
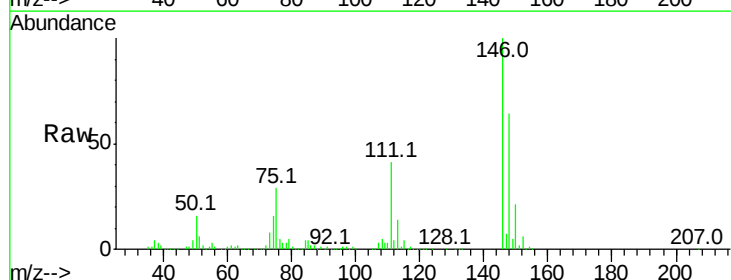
Manual Integrations
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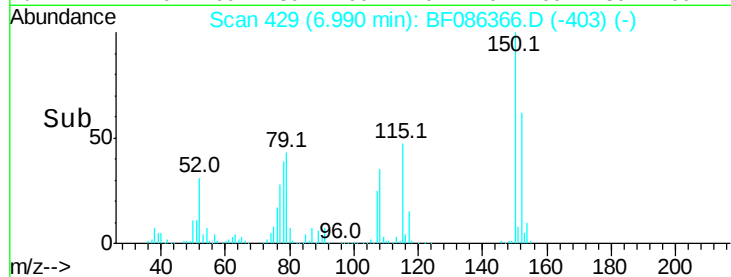
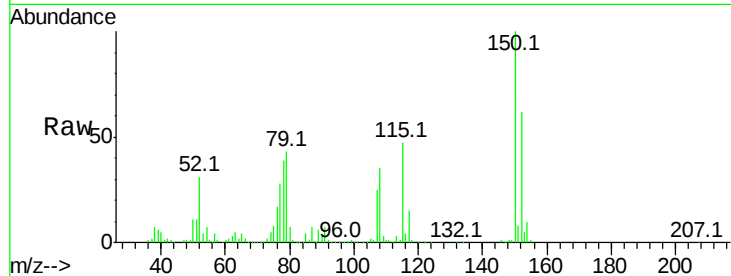
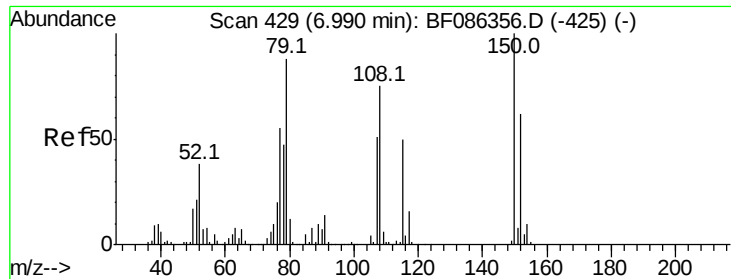
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#14
1,2-Dichlorobenzene
Concen: 37.91 ng
RT: 7.01 min Scan# 431
Delta R.T. -0.00 min
Lab File: BF086366.D
Acq: 23 Apr 2016 2:53

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	484934		
148	63.9	51.0	76.6	
111	41.2	36.2	54.4	





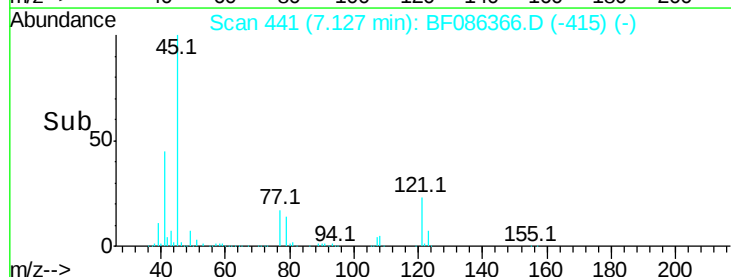
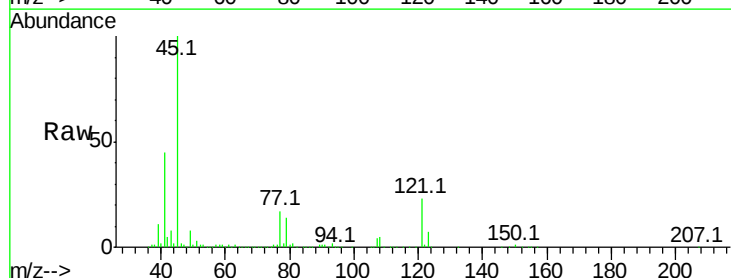
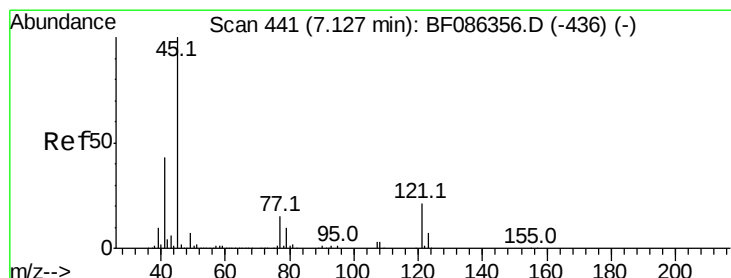
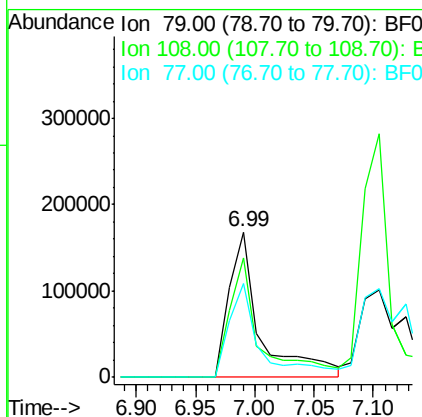
#15
Benzyl Alcohol
Concen: 38.89 ng
RT: 6.99 min Scan# 429
Delta R.T. 0.00 min
Lab File: BF086366.D
Acq: 23 Apr 2016 2:53

Tot Ion	Ratio	Resp	Lower	Upper
79	100	308884		
108	82.2	68.4	102.6	
77	64.7	50.6	76.0	

Instrument :
BNA_F
ClientSampleId :
PB89976BS

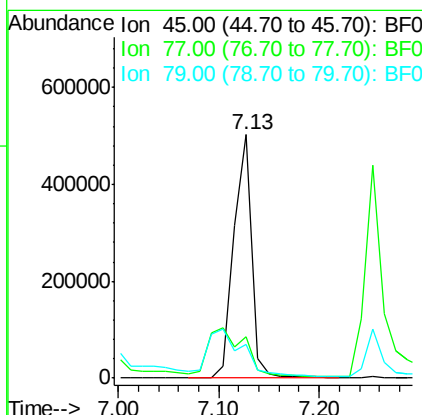
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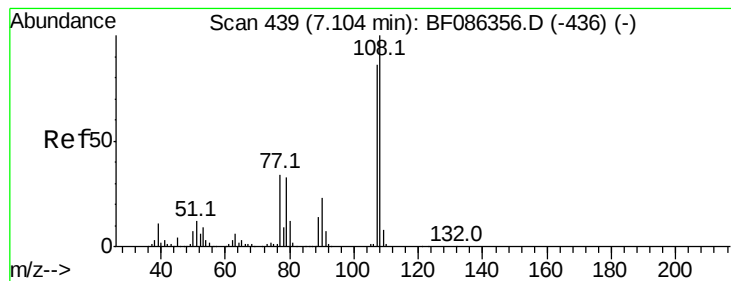
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.47 ng
RT: 7.13 min Scan# 441
Delta R.T. -0.00 min
Lab File: BF086366.D
Acq: 23 Apr 2016 2:53

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	621581		
77	17.0	0.0	36.4	
79	14.1	0.0	33.4	





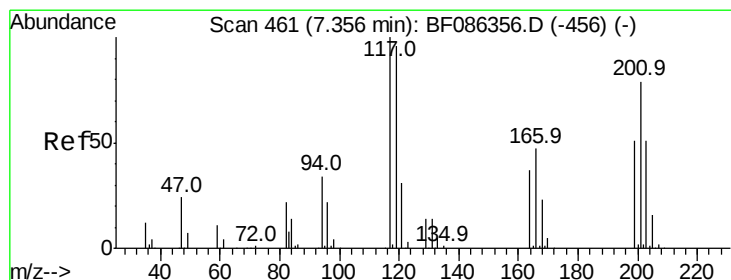
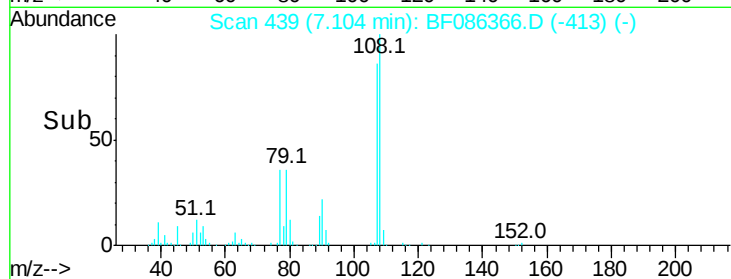
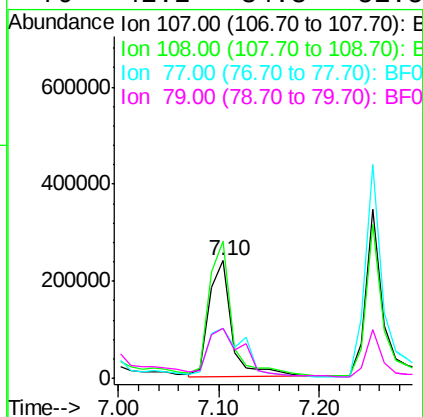
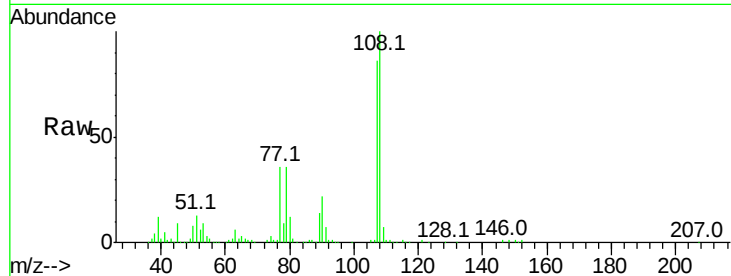
#17
2-Methylphenol
Concen: 38.58 ng
RT: 7.10 min Scan# 439
Delta R.T. -0.00 min
Lab File: BF086366.D
Acq: 23 Apr 2016 2:53

Instrument :
BNA_F
ClientSampleId :
PB89976BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	379924		
108	116.8	93.7	140.5	
77	42.5	33.4	50.0	
79	42.2	34.3	51.5	

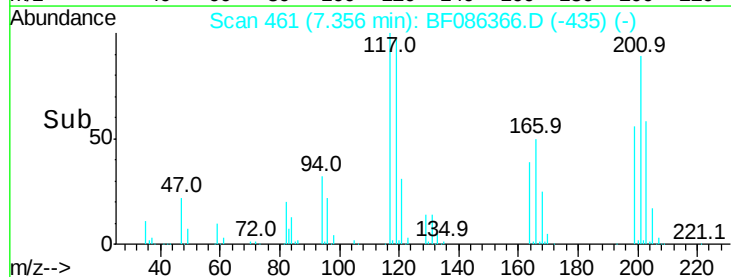
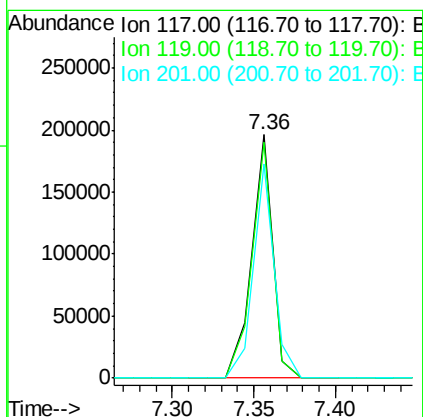
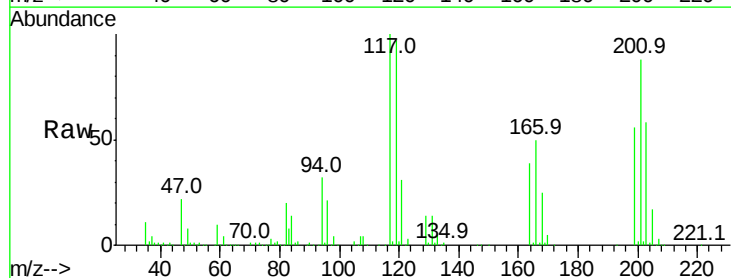
Manual Integrations
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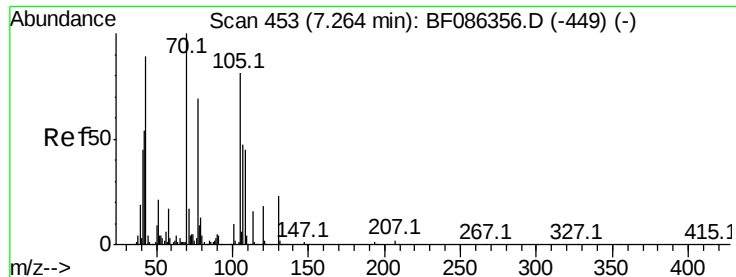
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#18
Hexachloroethane
Concen: 36.99 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.00 min
Lab File: BF086366.D
Acq: 23 Apr 2016 2:53

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	175407		
119	96.8	76.5	114.7	
201	88.2	63.0	94.6	





#19

n-Nitroso-di-n-propylamine

Concen: 36.64 ng

RT: 7.25 min Scan# 452

Delta R.T. -0.01 min

Lab File: BF086366.D

Acq: 23 Apr 2016 2:53

Instrument :

BNA_F

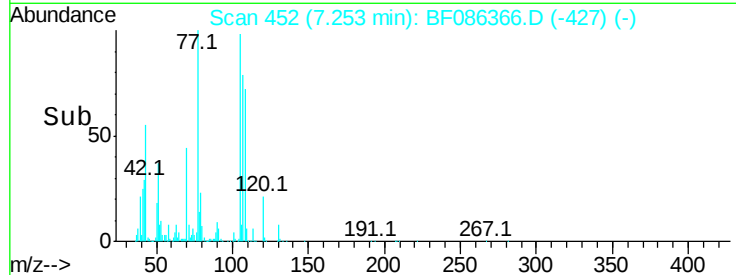
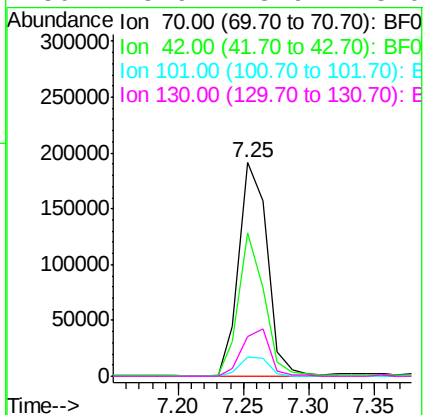
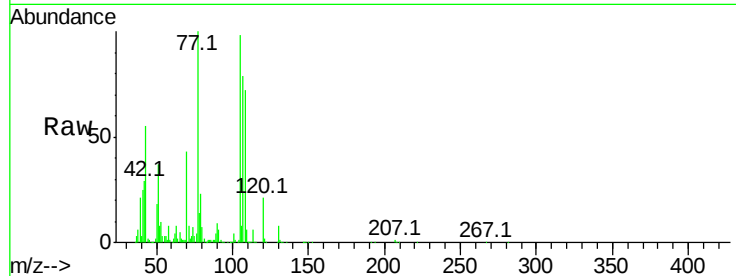
ClientSampleId :

PB89976BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	67.2	43.1	64.7#		
101	8.8	8.1	12.1		
130	18.6	18.6	28.0#		

Manual Integrations
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#20

3+4-Methylphenols

Concen: 40.92 ng

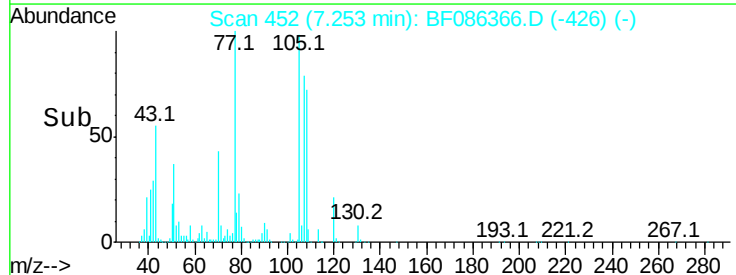
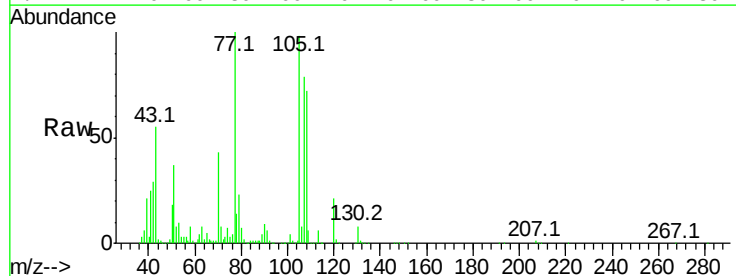
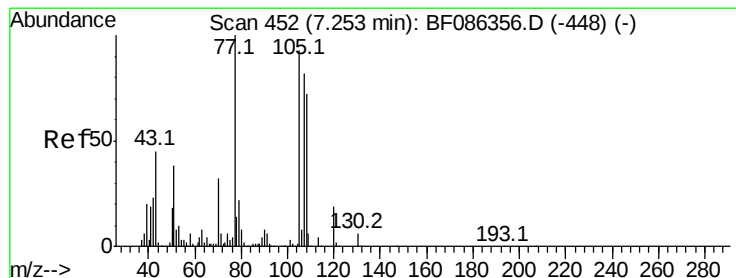
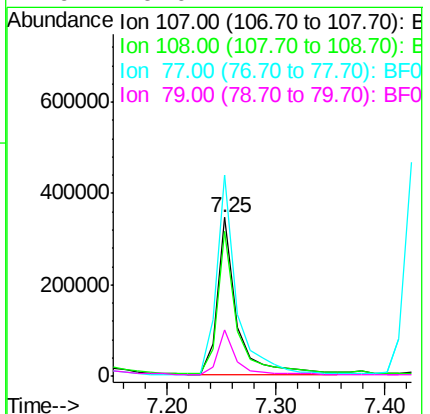
RT: 7.25 min Scan# 452

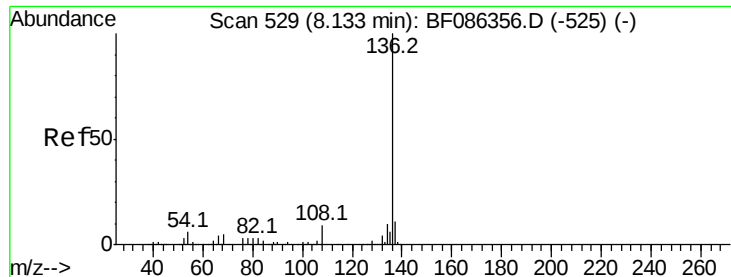
Delta R.T. -0.00 min

Lab File: BF086366.D

Acq: 23 Apr 2016 2:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	91.2	68.5	108.5		
77	126.8	101.6	141.6		
79	29.0	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: BF086366.D

Acq: 23 Apr 2016 2:53

Instrument :

BNA_F

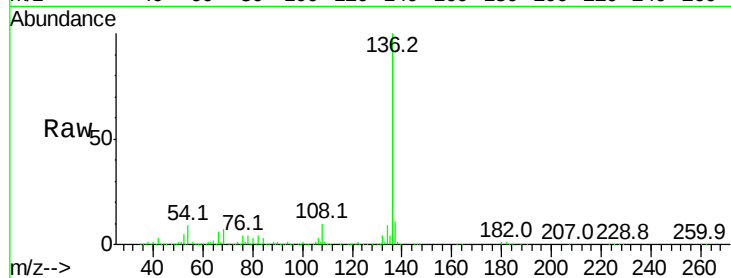
ClientSampleId :

PB89976BS

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.2	8.8	13.2
54	9.4	5.0	7.4#
68	7.2	4.4	6.6#

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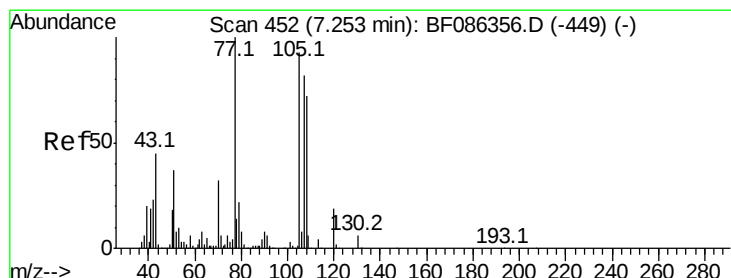
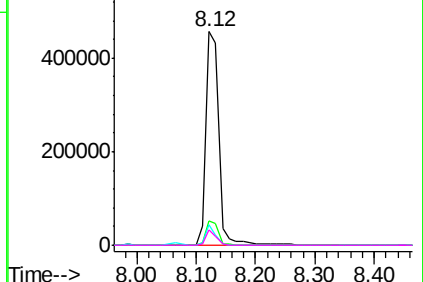
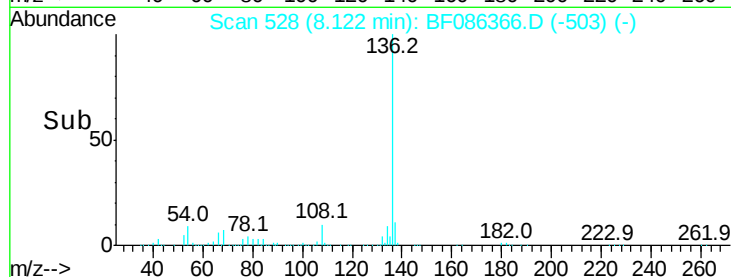


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 40.97 ng

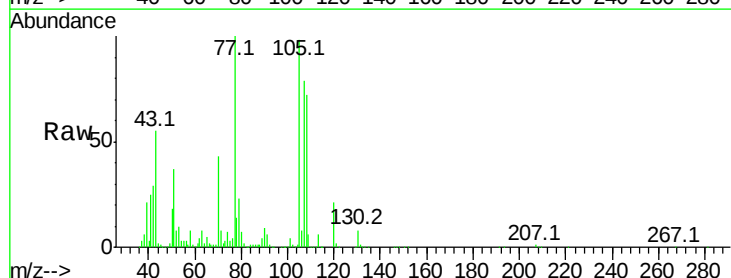
RT: 7.25 min Scan# 452

Delta R.T. -0.00 min

Lab File: BF086366.D

Acq: 23 Apr 2016 2:53

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	7.9	4.8	7.2#
51	37.6	32.6	49.0
120	20.9	16.5	24.7

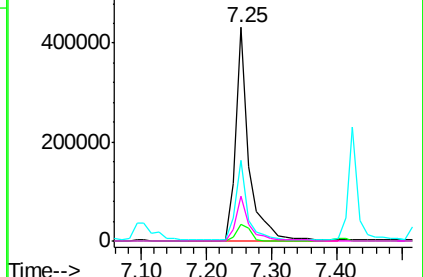
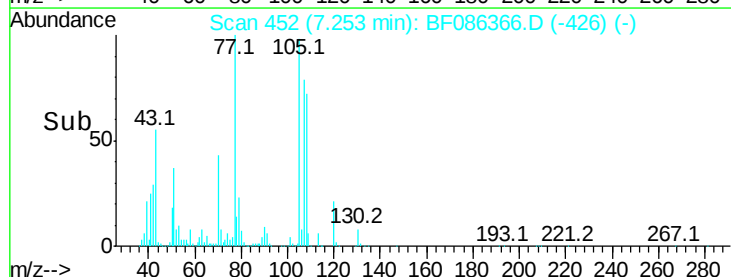


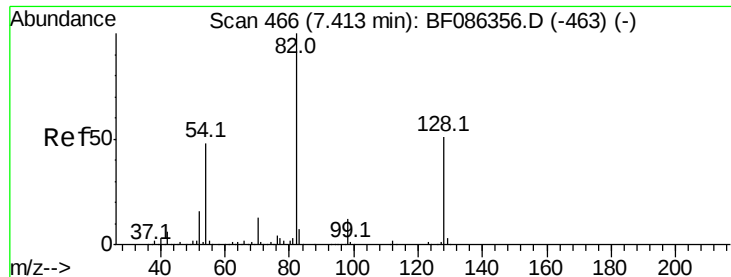
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





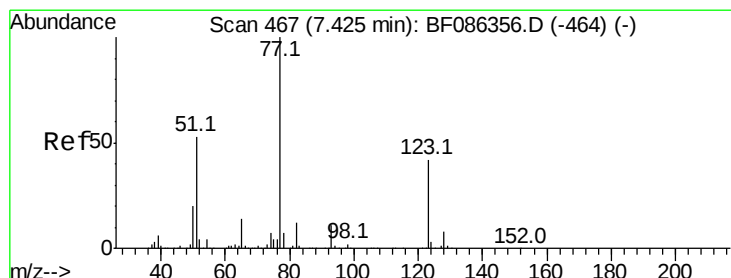
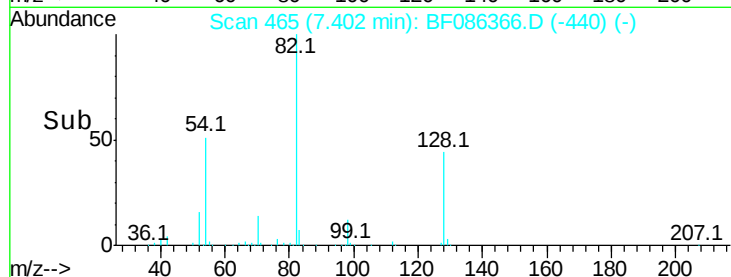
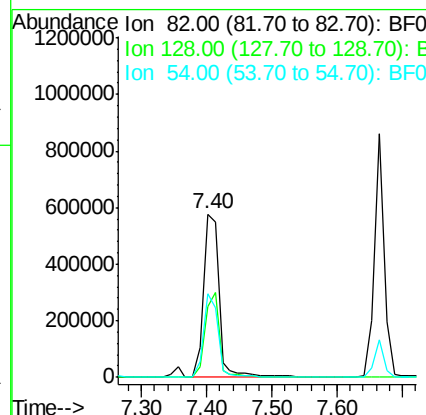
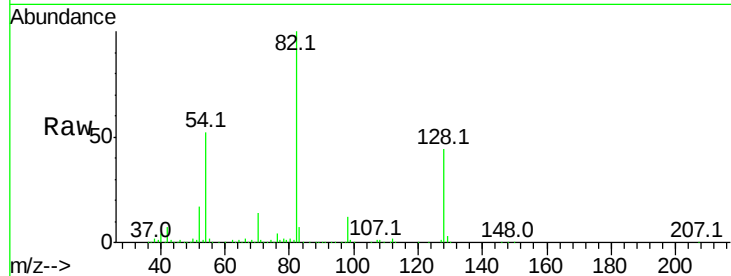
#23
 Nitrobenzene-d5
 Concen: 79.84 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.01 min
 Lab File: BF086366.D
 Acq: 23 Apr 2016 2:53

Instrument :
 BNA_F
 ClientSampleID :
 PB89976BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	43.7		40.6	61.0
54	51.6		38.1	57.1

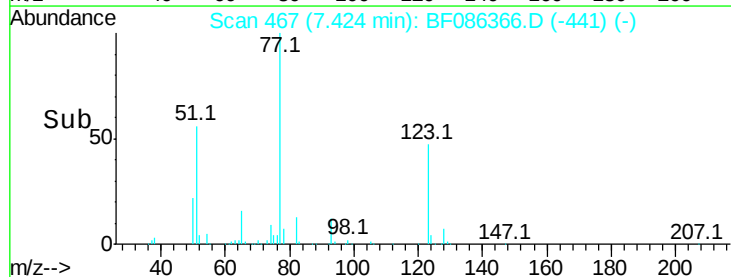
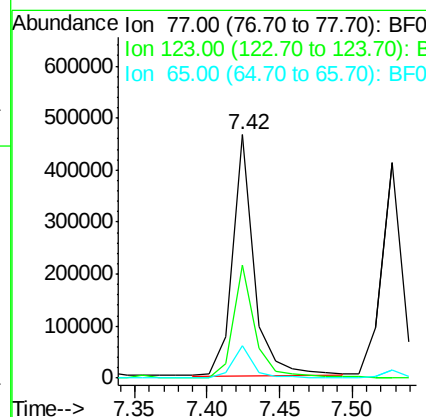
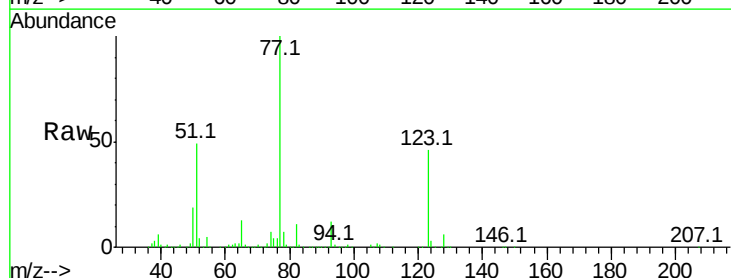
Manual Integrations
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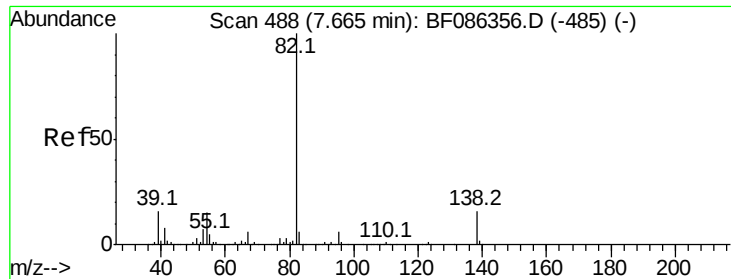
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#24
 Nitrobenzene
 Concen: 37.70 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.00 min
 Lab File: BF086366.D
 Acq: 23 Apr 2016 2:53

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	46.3		33.0	49.4
65	13.1		10.8	16.2





#25

Isophorone

Concen: 37.81 ng

RT: 7.66 min Scan# 488

Delta R.T. -0.00 min

Lab File: BF086366.D

Acq: 23 Apr 2016 2:53

Instrument :

BNA_F

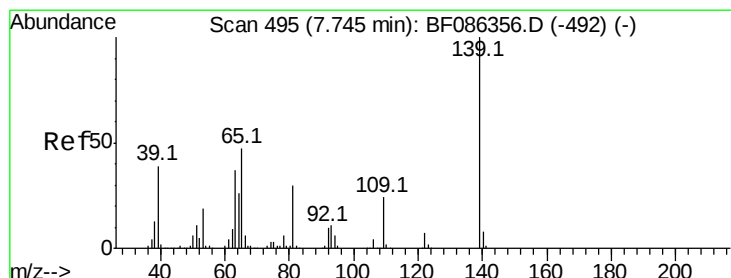
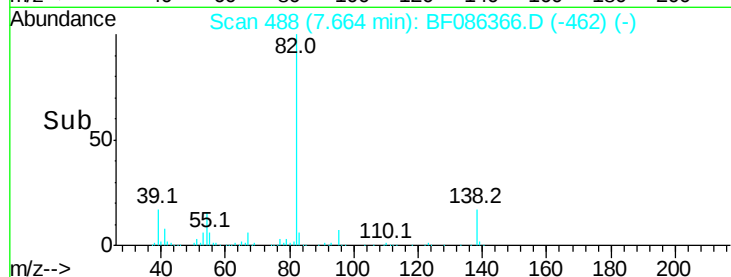
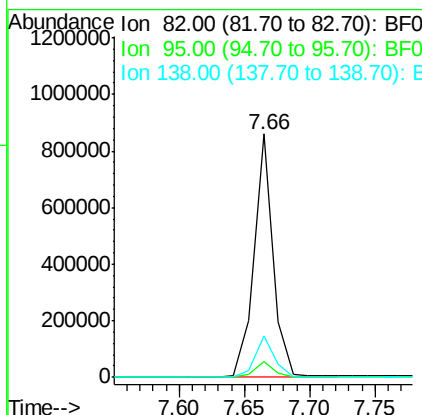
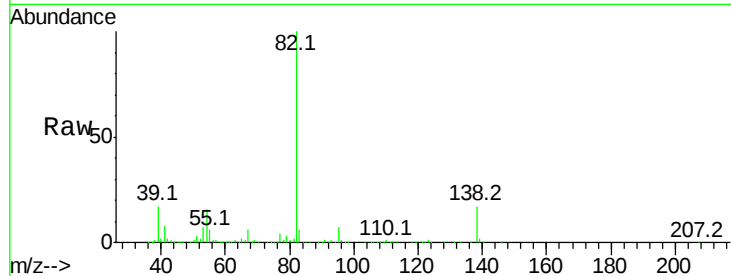
ClientSampleId :

PB89976BS

Manual Integrations
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Tot Ion:	82	Resp:	876033
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.1	7.7
138	16.9	12.4	18.6



#26

2-Nitrophenol

Concen: 42.14 ng

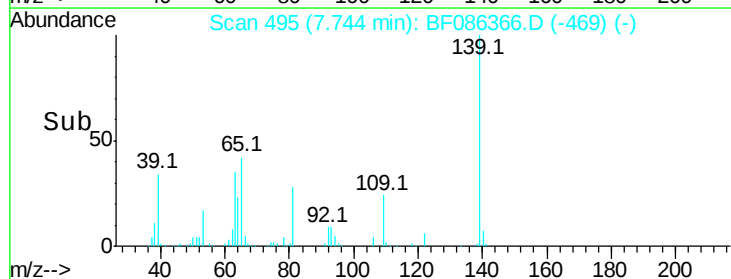
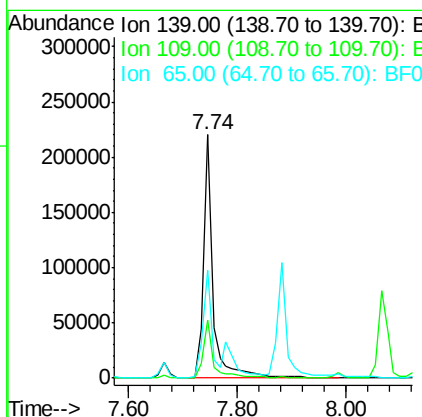
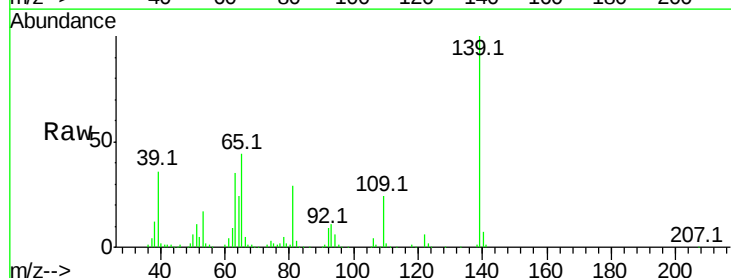
RT: 7.74 min Scan# 495

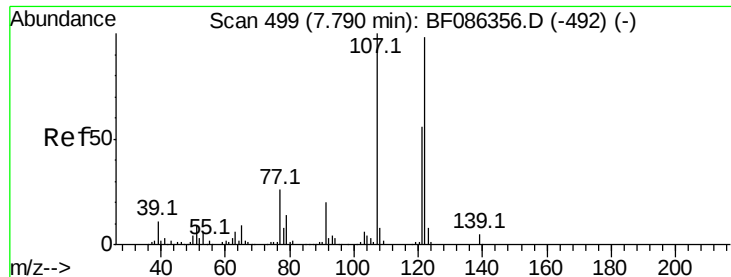
Delta R.T. -0.00 min

Lab File: BF086366.D

Acq: 23 Apr 2016 2:53

Tgt Ion:	139	Resp:	264033
Ion Ratio	Lower	Upper	
139	100		
109	23.9	19.5	29.3
65	44.2	37.5	56.3





#27

2,4-Dimethylphenol

Concen: 41.31 ng

RT: 7.78 min Scan# 498

Delta R.T. -0.01 min

Lab File: BF086366.D

Acq: 23 Apr 2016 2:53

Instrument :

BNA_F

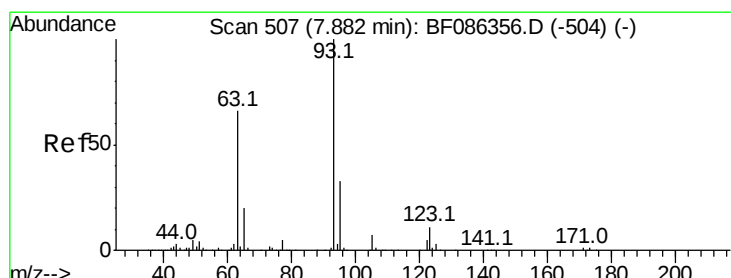
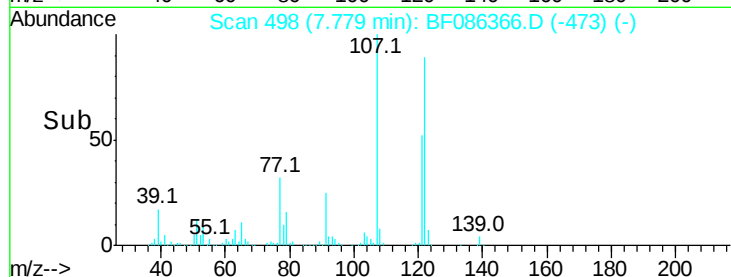
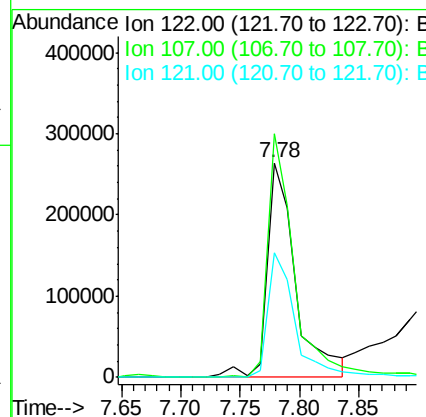
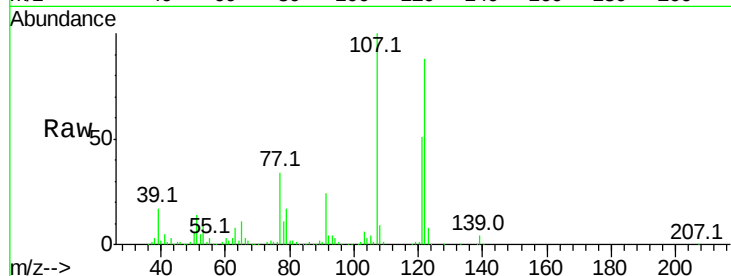
ClientSampleId :

PB89976BS

Tot Ion:	122	Resp:	443259
Ion Ratio	Lower	Upper	
122	100		
107	113.6	82.0	123.0
121	58.3	46.1	69.1

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#28

bis(2-Chloroethoxy)methane

Concen: 42.82 ng

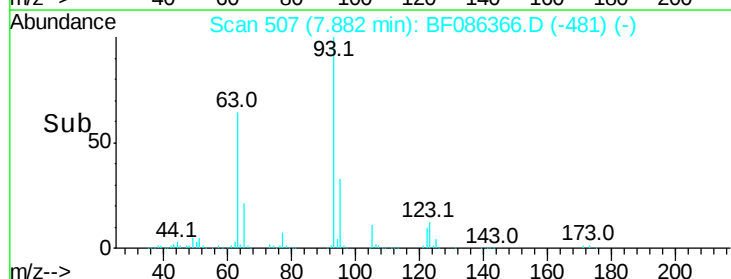
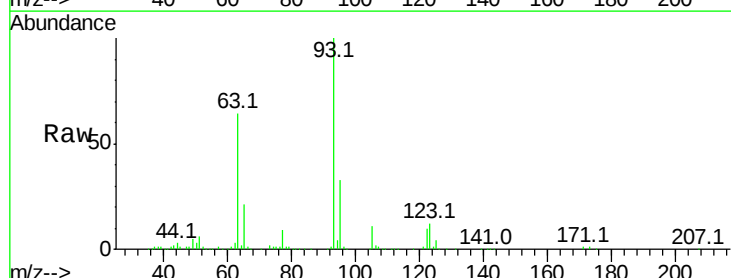
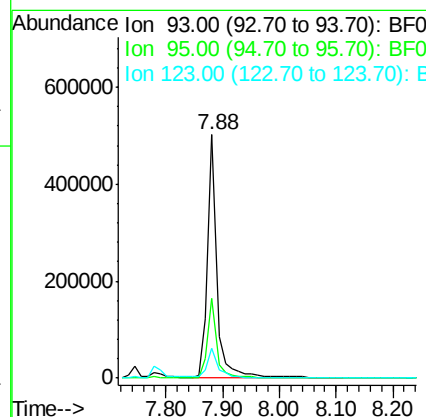
RT: 7.88 min Scan# 507

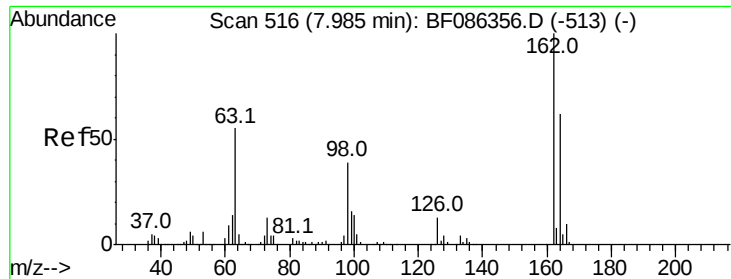
Delta R.T. -0.00 min

Lab File: BF086366.D

Acq: 23 Apr 2016 2:53

Tgt Ion:	93	Resp:	553983
Ion Ratio	Lower	Upper	
93	100		
95	32.6	26.0	39.0
123	12.1	9.5	14.3





#29

2,4-Dichlorophenol

Concen: 45.95 ng

RT: 7.98 min Scan# 516

Delta R.T. -0.00 min

Lab File: BF086366.D

Acq: 23 Apr 2016 2:53

Instrument :

BNA_F

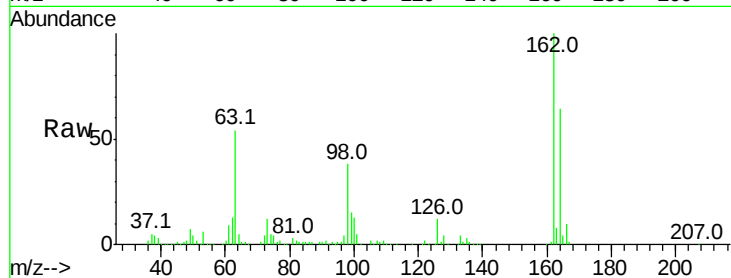
ClientSampleId :

PB89976BS

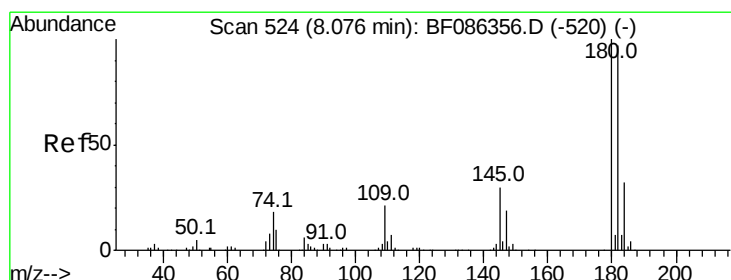
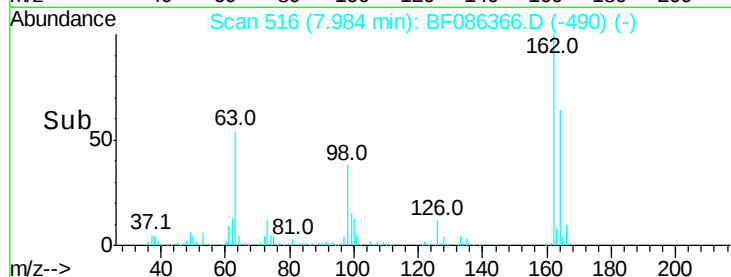
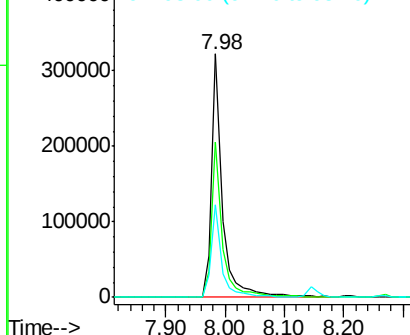
Tot Ion:	162	Resp:	407512
Ion Ratio	Lower	Upper	
162	100		
164	63.6	42.2	82.2
98	37.9	19.0	59.0

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



#30

1,2,4-Trichlorobenzene

Concen: 40.55 ng

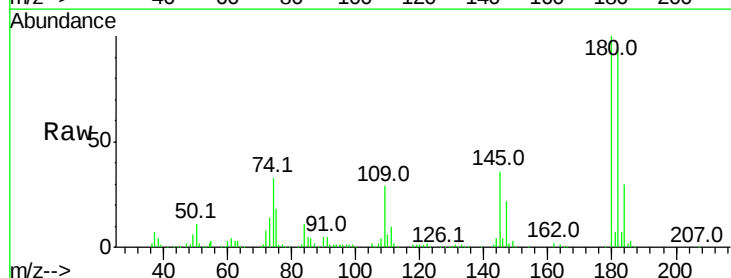
RT: 8.06 min Scan# 523

Delta R.T. -0.01 min

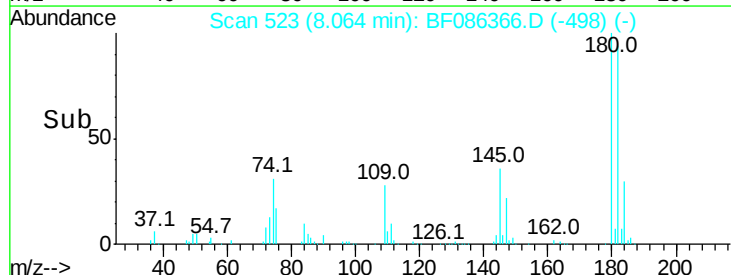
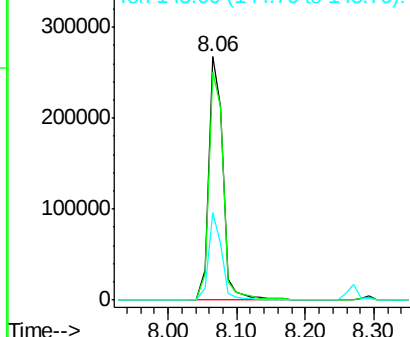
Lab File: BF086366.D

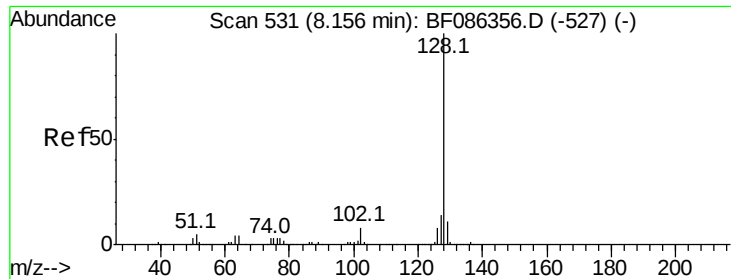
Acq: 23 Apr 2016 2:53

Tgt Ion:	180	Resp:	390661
Ion Ratio	Lower	Upper	
180	100		
182	93.5	78.0	117.0
145	35.8	24.2	36.2



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





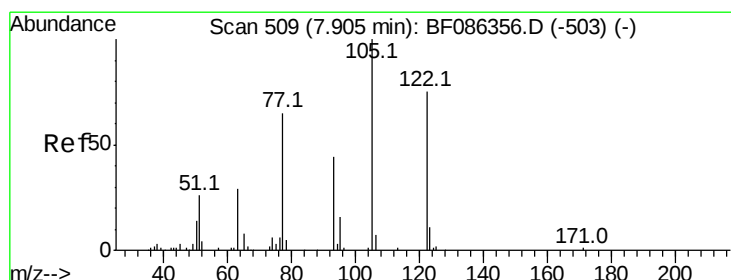
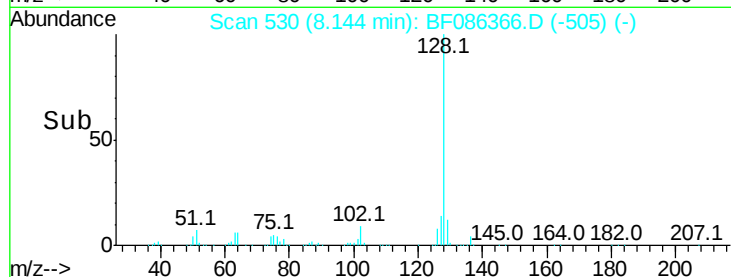
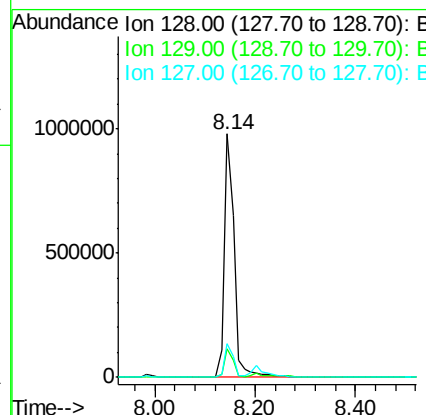
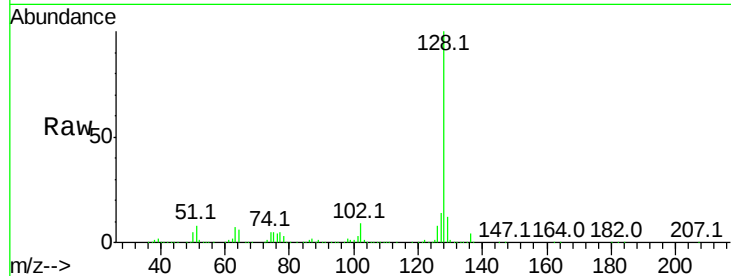
#31
Naphthalene
Concen: 37.50 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.01 min
Lab File: BF086366.D
Acq: 23 Apr 2016 2:53

Instrument :
BNA_F
ClientSampleId :
PB89976BS

Tot Ion:128 Resp: 1338036
Ion Ratio Lower Upper
128 100
129 11.7 8.6 13.0
127 13.9 10.8 16.2

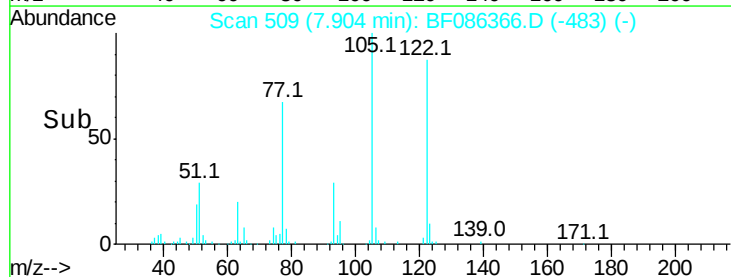
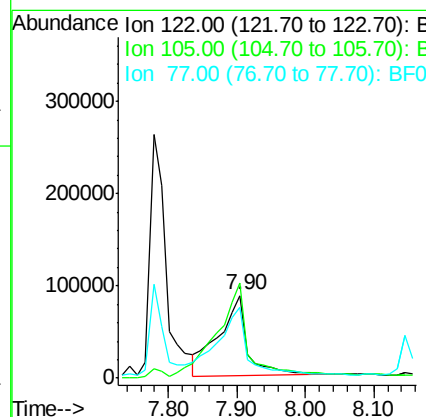
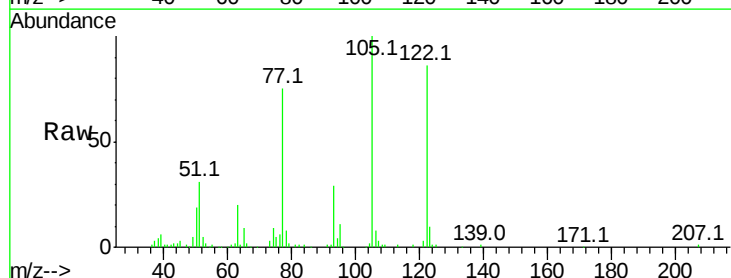
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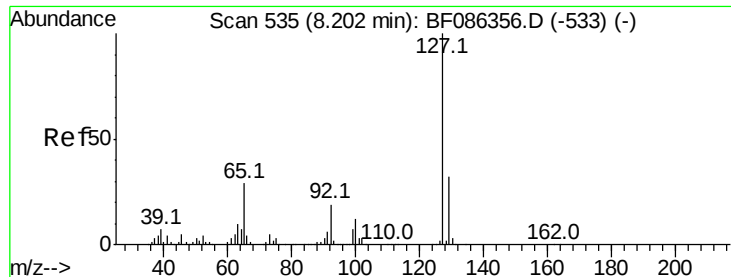
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#32
Benzoic acid
Concen: 38.67 ng
RT: 7.90 min Scan# 509
Delta R.T. 0.00 min
Lab File: BF086366.D
Acq: 23 Apr 2016 2:53

Tgt Ion:122 Resp: 265247
Ion Ratio Lower Upper
122 100
105 115.6 92.6 132.6
77 86.4 60.0 100.0





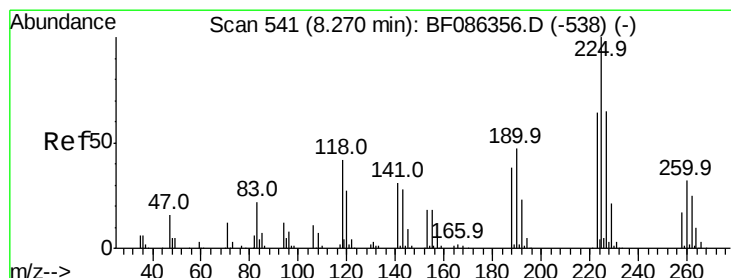
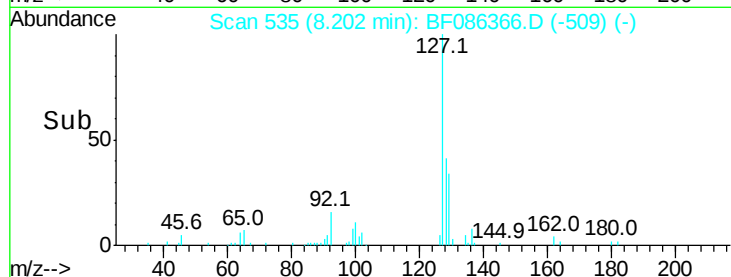
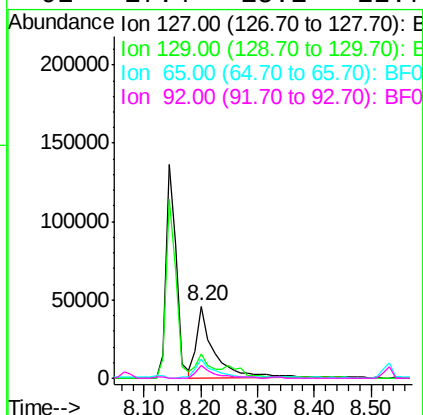
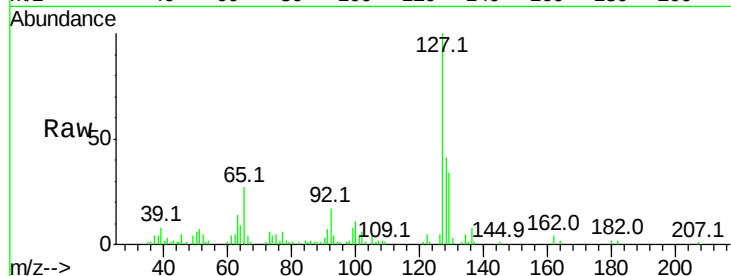
#33
4-Chloroaniline
Concen: 7.14 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.00 min
Lab File: BF086366.D
Acq: 23 Apr 2016 2:53

Instrument :
BNA_F
ClientSampleId :
PB89976BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	34.2	26.2	39.4		
65	27.2	23.0	34.4		
92	17.4	15.1	22.7		

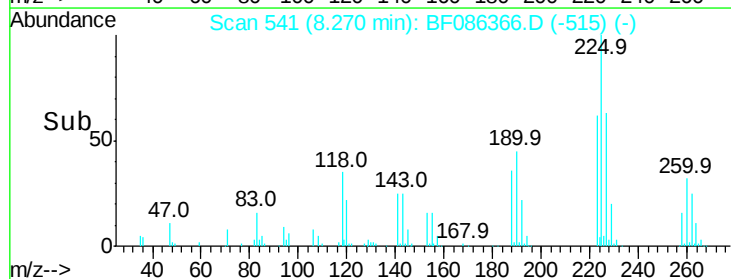
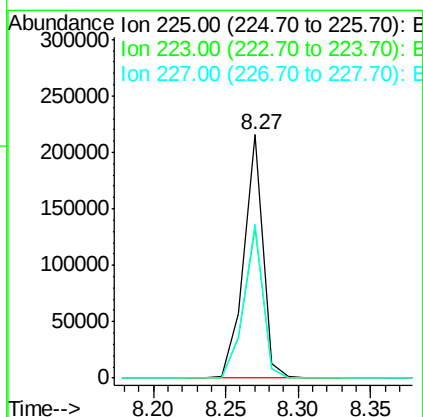
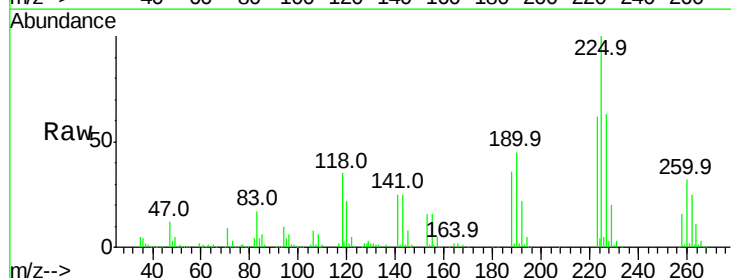
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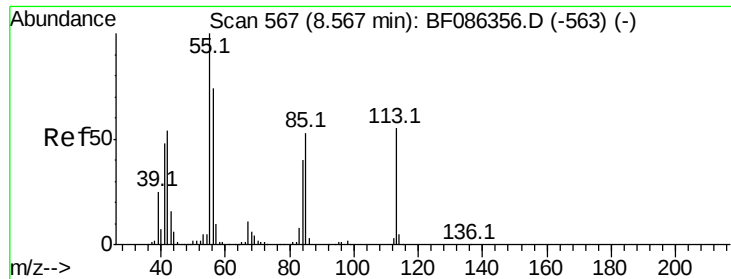
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#34
Hexachlorobutadiene
Concen: 41.13 ng
RT: 8.27 min Scan# 541
Delta R.T. -0.00 min
Lab File: BF086366.D
Acq: 23 Apr 2016 2:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.7	51.5	77.3		
227	63.1	52.2	78.2		





#35

Caprolactam

Concen: 42.22 ng/ml

RT: 8.56 min Scan# 566

Delta R.T. -0.01 min

Lab File: BF086366.D

Acq: 23 Apr 2016 2:53

Instrument :

BNA_F

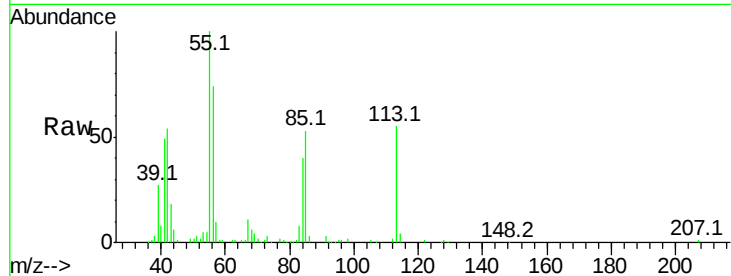
ClientSampleId :

PB89976BS

Tot Ion:	113	Resp:	134368
Ion Ratio	Lower	Upper	
113	100		
55	180.8	162.0	202.0
56	134.3	115.3	155.3

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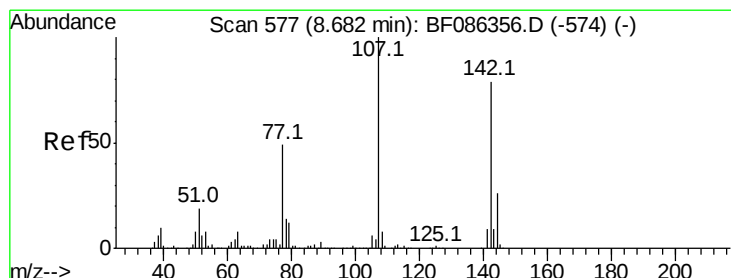
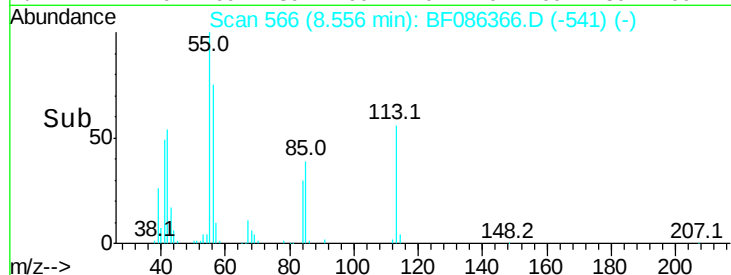
Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0

8.56

Time-->



#36

4-Chloro-3-methylphenol

Concen: 42.66 ng/ml

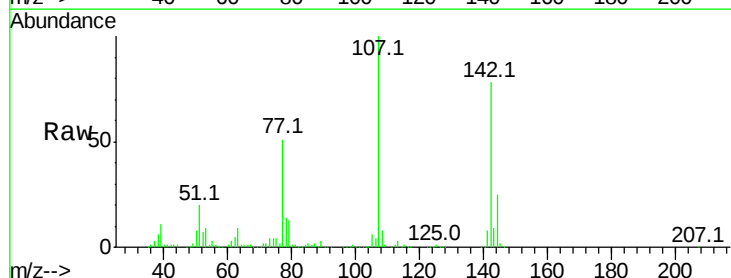
RT: 8.68 min Scan# 577

Delta R.T. -0.00 min

Lab File: BF086366.D

Acq: 23 Apr 2016 2:53

Tgt Ion:	107	Resp:	449707
Ion Ratio	Lower	Upper	
107	100		
144	24.5	20.7	31.1
142	78.4	63.2	94.8



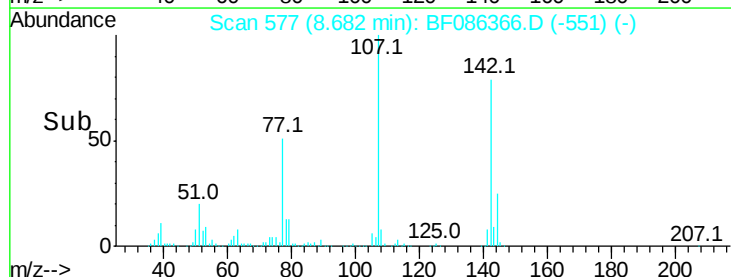
Abundance Ion 107.00 (106.70 to 107.70): E

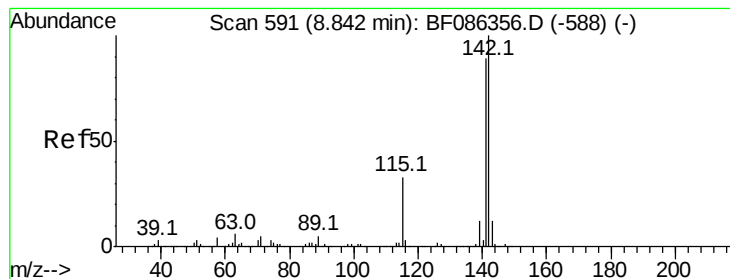
Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

8.68

Time-->





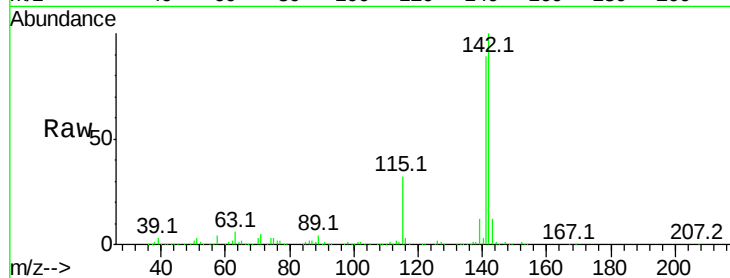
#37
2-Methylnaphthalene
Concen: 44.01 ng
RT: 8.84 min Scan# 591
Delta R.T. -0.00 min
Lab File: BF086366.D
Acq: 23 Apr 2016 2:53

Instrument :
BNA_F
ClientSampleId :
PB89976BS

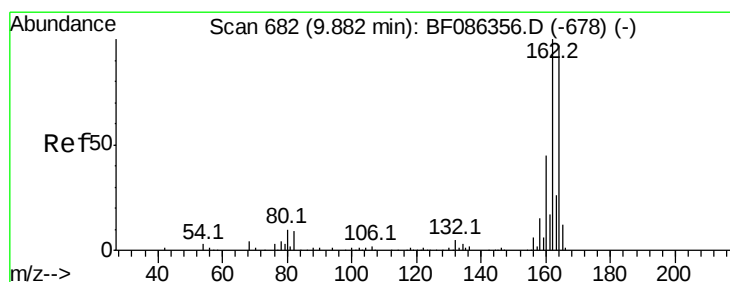
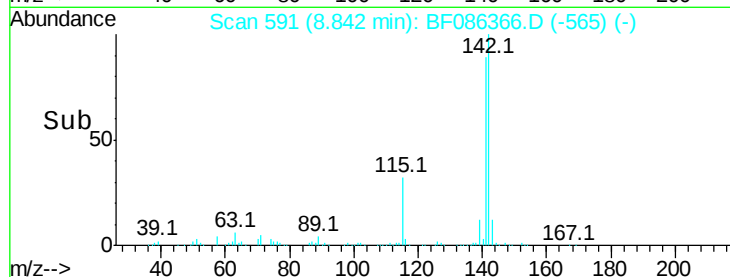
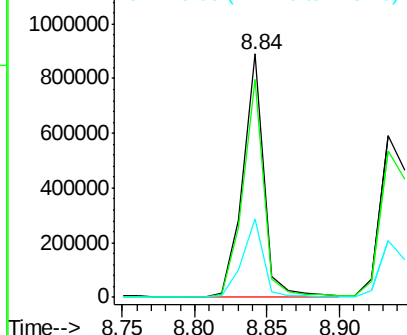
Tot Ion	Ratio	Resp Lower	Upper
142	100		
141	89.3	71.0	106.6
115	32.3	26.6	39.8

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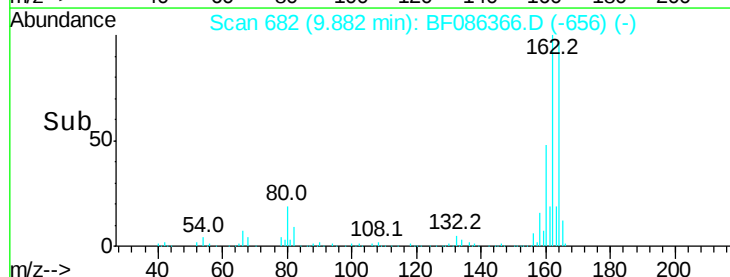
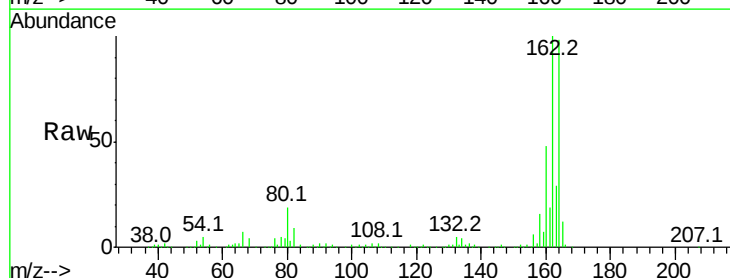
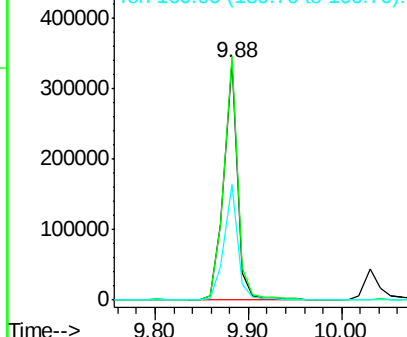
Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

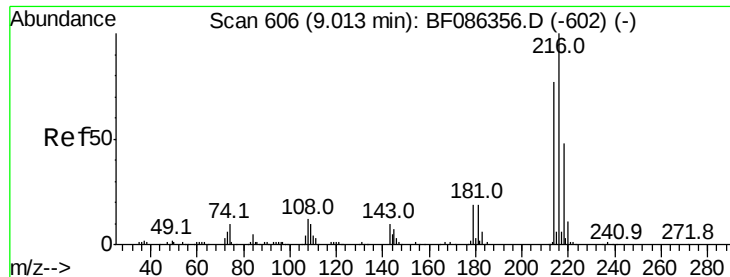


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.00 min
Lab File: BF086366.D
Acq: 23 Apr 2016 2:53

Tgt Ion	Ratio	Resp Lower	Upper
164	100		
162	102.2	82.8	124.2
160	48.5	36.9	55.3

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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.96 ng

RT: 9.00 min Scan# 605

Delta R.T. -0.01 min

Lab File: BF086366.D

Acq: 23 Apr 2016 2:53

Instrument :

BNA_F

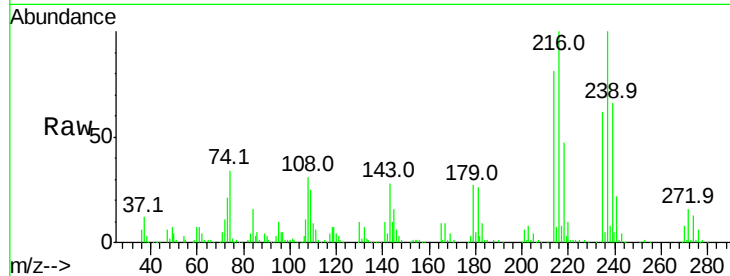
ClientSampleId :

PB89976BS

Manual Integrations
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	78.8	62.6	93.8		
179	22.8	18.2	27.4		
108	24.7	17.5	26.3		



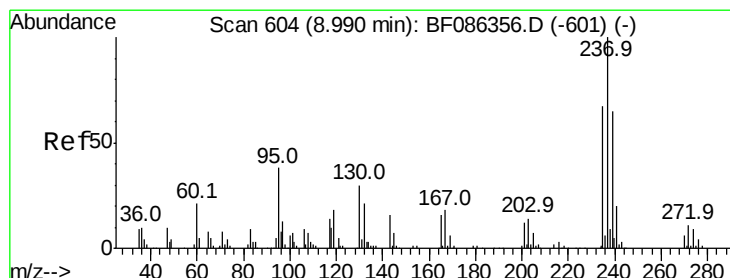
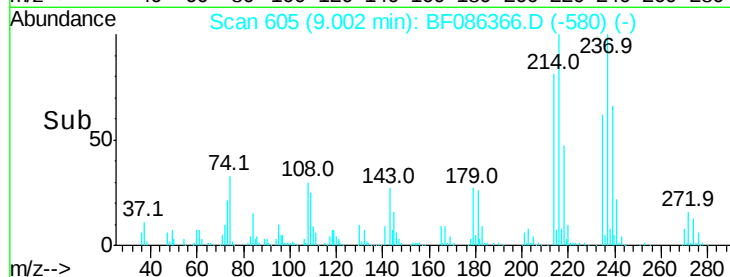
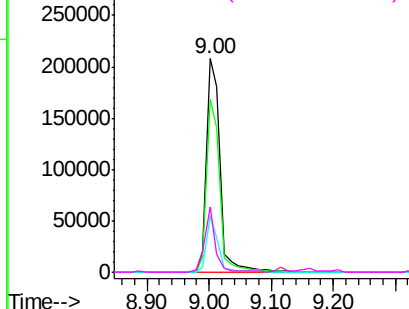
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 83.41 ng

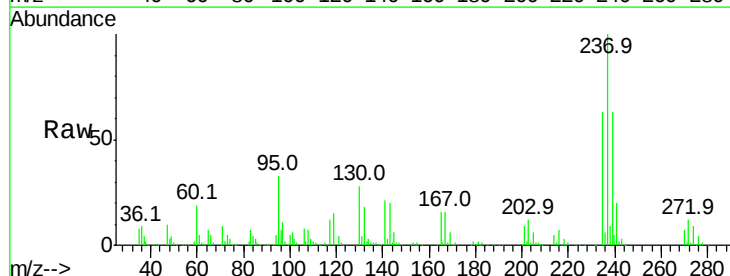
RT: 8.99 min Scan# 604

Delta R.T. -0.00 min

Lab File: BF086366.D

Acq: 23 Apr 2016 2:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	62.9	47.2	87.2		
272	12.0	0.0	31.1		

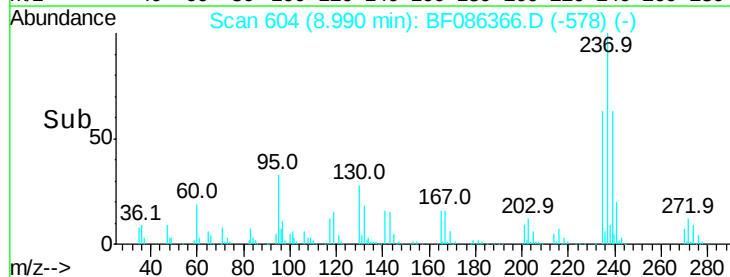
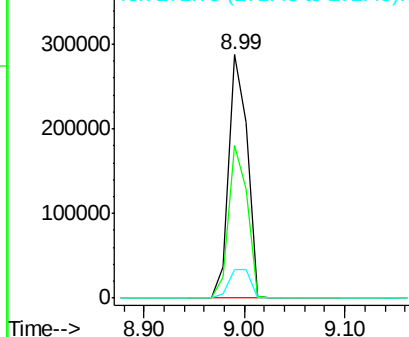


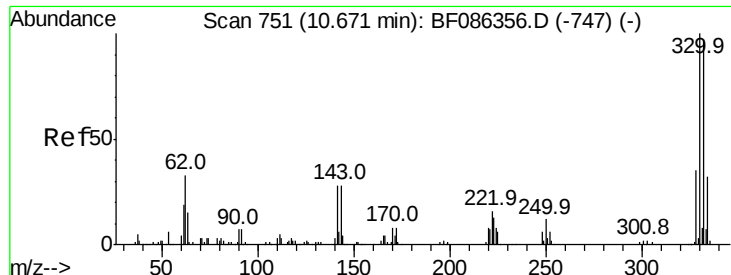
Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





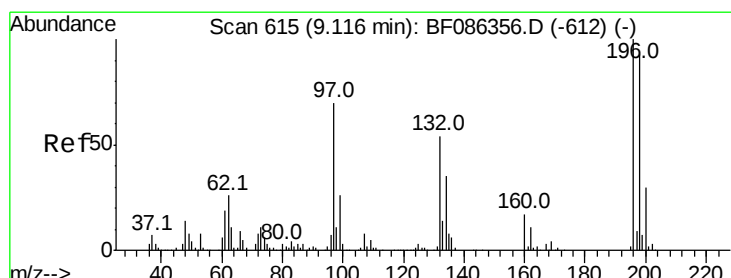
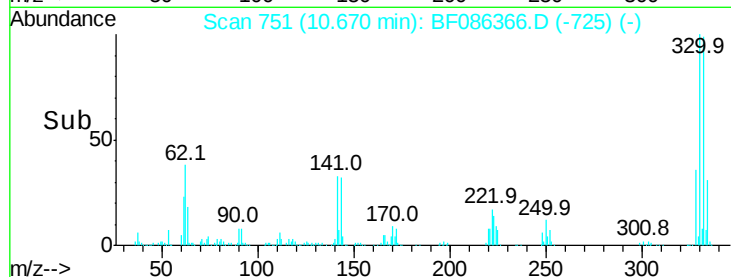
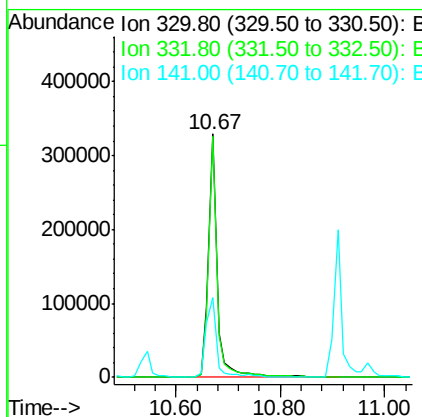
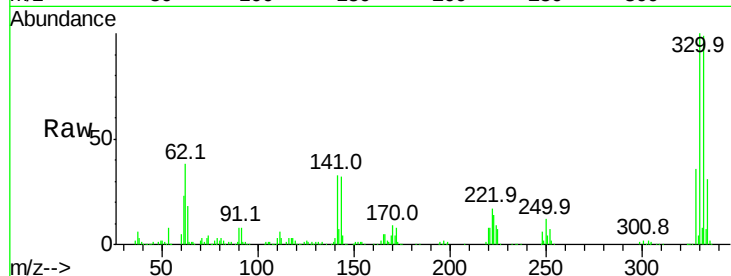
#41
 2,4,6-Tribromophenol
 Concen: 121.74 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.00 min
 Lab File: BF086366.D
 Acq: 23 Apr 2016 2:53

Instrument :
 BNA_F
 ClientSampleId :
 PB89976BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.7	79.0	118.4	
141	37.7	31.2	46.8	

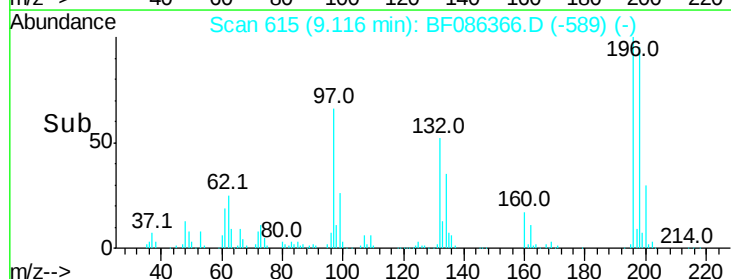
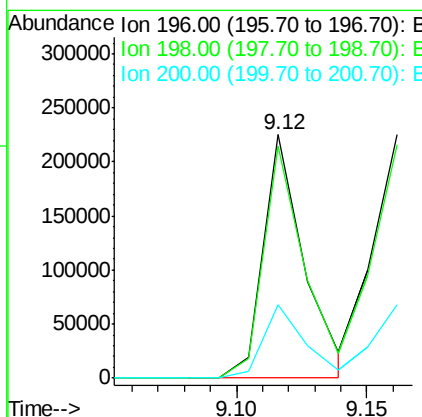
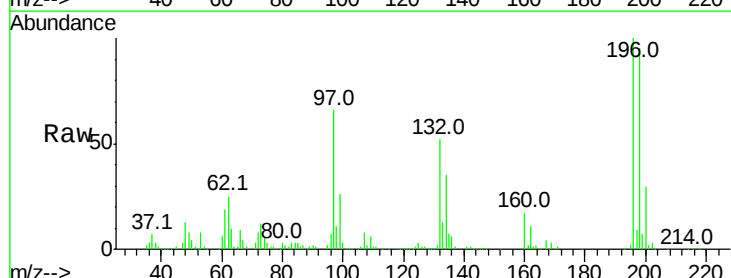
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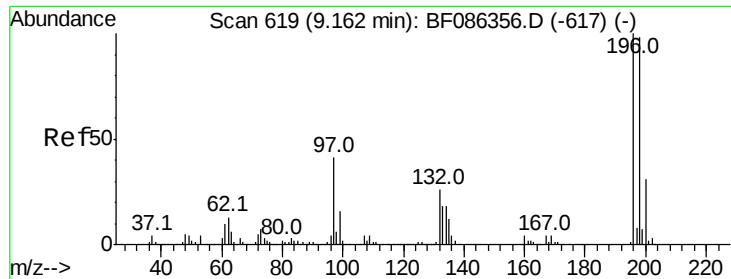
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#42
 2,4,6-Trichlorophenol
 Concen: 41.38 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.00 min
 Lab File: BF086366.D
 Acq: 23 Apr 2016 2:53

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	95.4	74.7	112.1	
200	30.1	23.8	35.6	





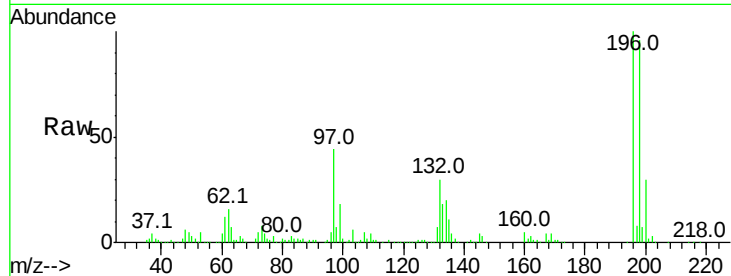
#43
2,4,5-Trichlorophenol
Concen: 39.99 ng
RT: 9.16 min Scan# 619
Delta R.T. -0.00 min
Lab File: BF086366.D
Acq: 23 Apr 2016 2:53

Instrument :
BNA_F
ClientSampleId :
PB89976BS

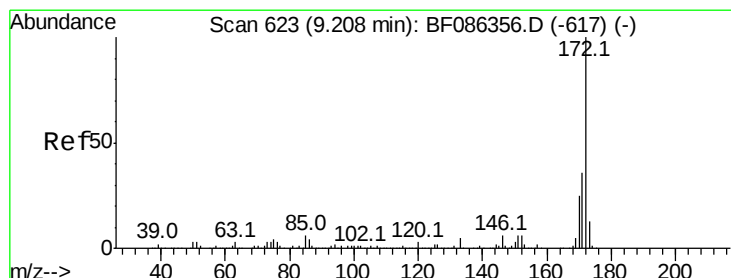
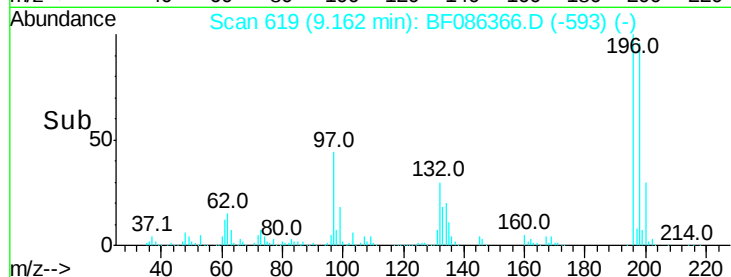
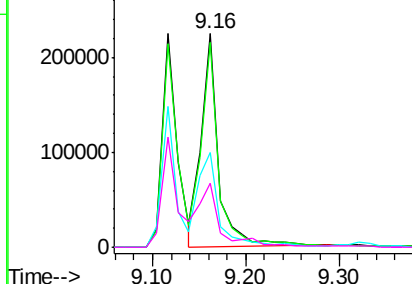
Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		292926		
198	95.9	77.5	116.3		
97	44.4	34.8	52.2		
132	29.8	23.0	34.4		

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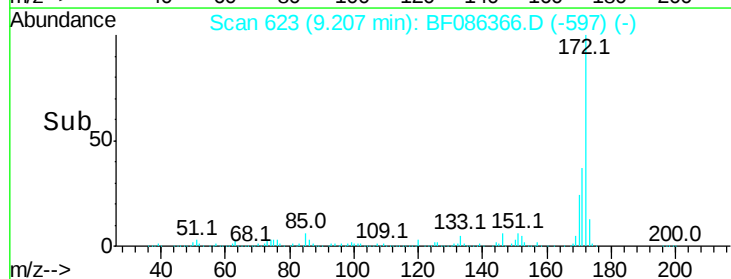
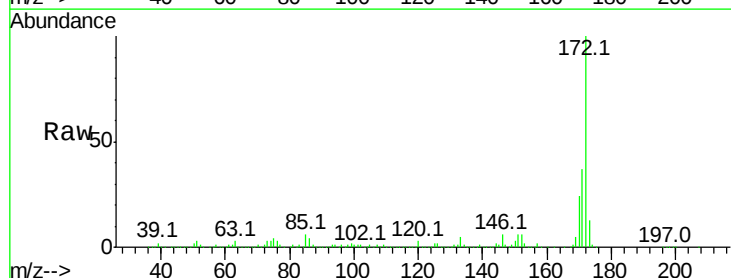
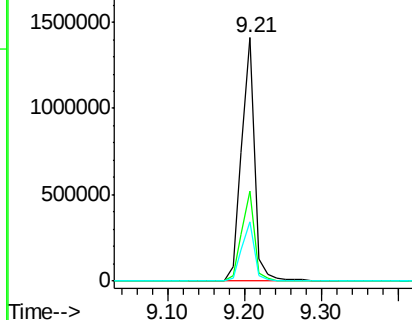
Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

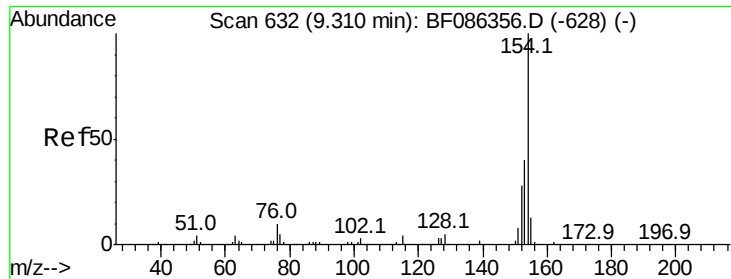


#44
2-Fluorobiphenyl
Concen: 82.47 ng
RT: 9.21 min Scan# 623
Delta R.T. -0.00 min
Lab File: BF086366.D
Acq: 23 Apr 2016 2:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1694928		
171	36.7	29.0	43.6		
170	24.3	19.8	29.8		

Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





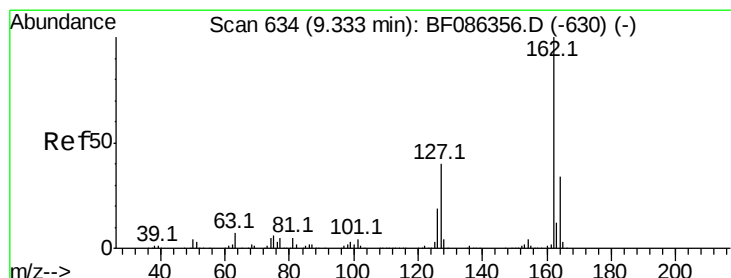
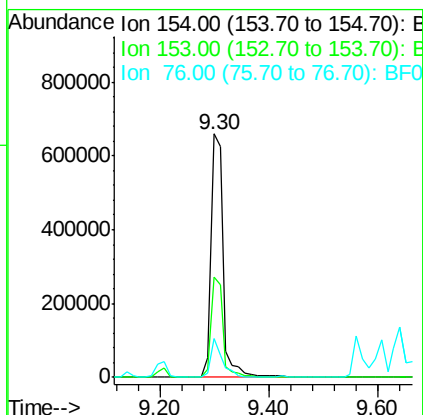
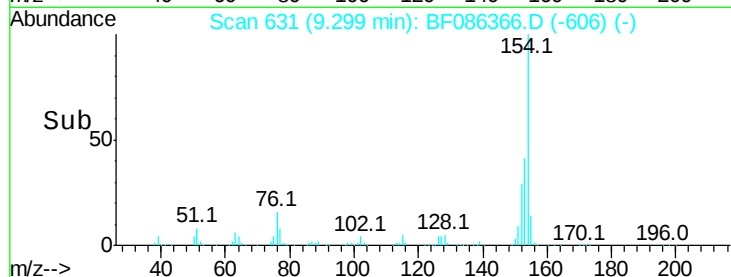
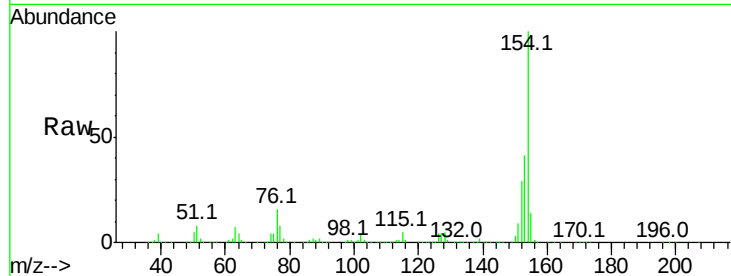
#45
 1,1'-Biphenyl
 Concen: 38.63 ng
 RT: 9.30 min Scan# 631
 Delta R.T. -0.01 min
 Lab File: BF086366.D
 Acq: 23 Apr 2016 2:53

Instrument :
 BNA_F
 ClientSampleId :
 PB89976BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.0	20.3	60.3
76	16.0	0.0	30.2

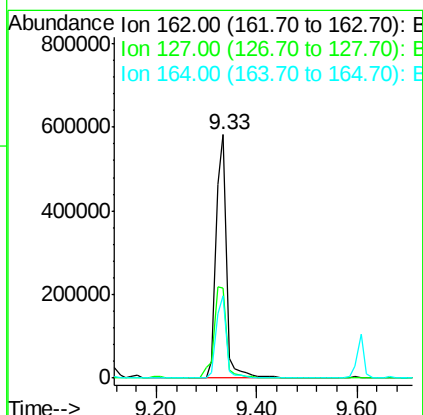
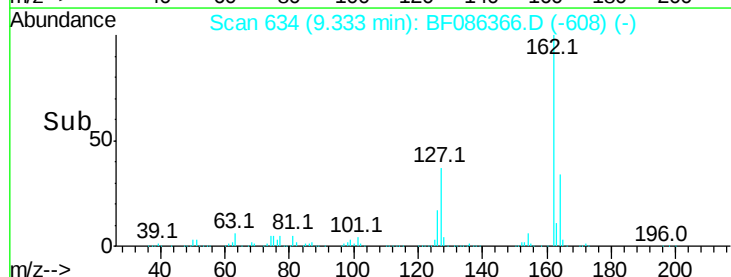
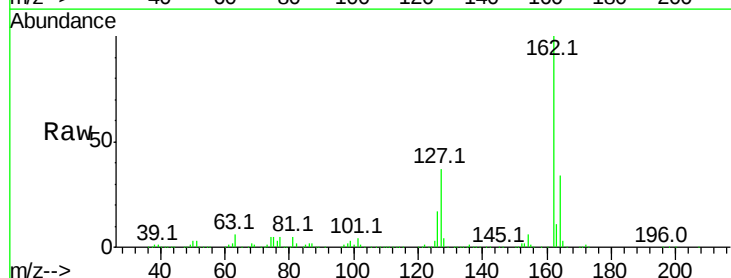
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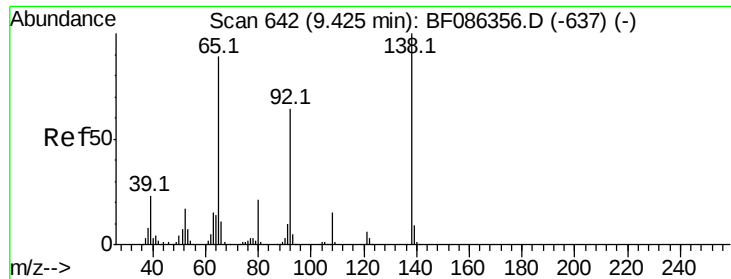
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#46
 2-Chloronaphthalene
 Concen: 38.87 ng
 RT: 9.33 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: BF086366.D
 Acq: 23 Apr 2016 2:53

Tgt Ion	Ratio	Lower	Upper
162	100		
127	36.8	31.8	47.6
164	33.6	27.0	40.6





#47

2-Nitroaniline

Concen: 41.71 ng

RT: 9.42 min Scan# 642

Delta R.T. -0.00 min

Lab File: BF086366.D

Acq: 23 Apr 2016 2:53

Instrument :

BNA_F

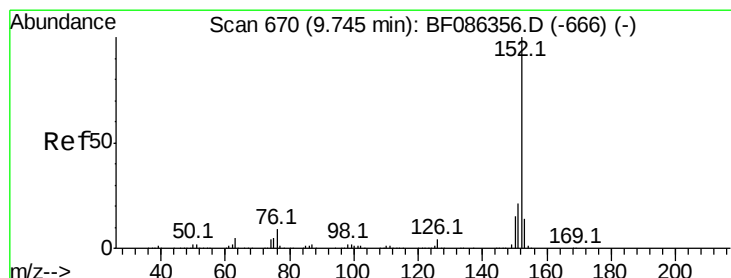
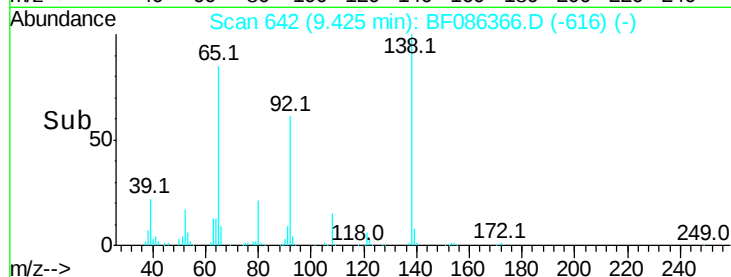
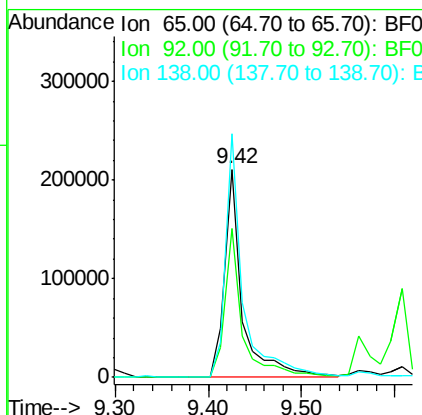
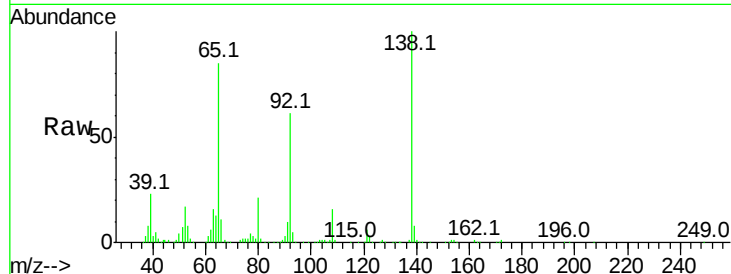
ClientSampleId :

PB89976BS

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Tot Ion	65	Resp	279693
Ion Ratio	Lower	Upper	
65	100		
92	71.6	57.4	86.2
138	117.1	90.1	135.1



#48

Acenaphthylene

Concen: 40.39 ng

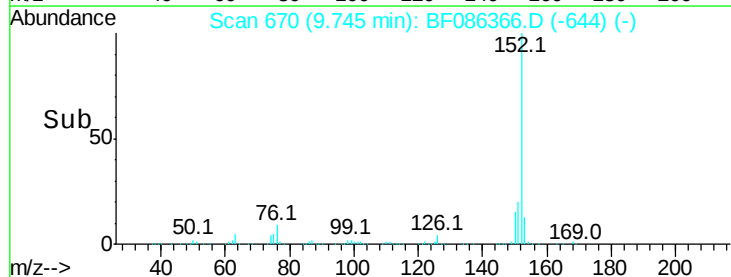
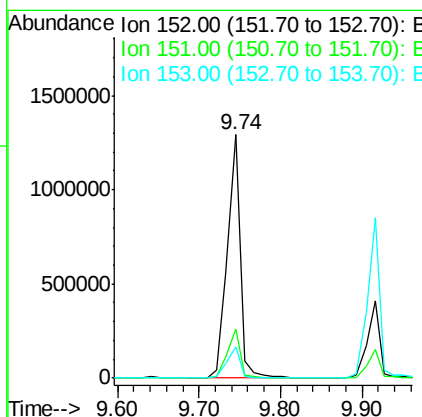
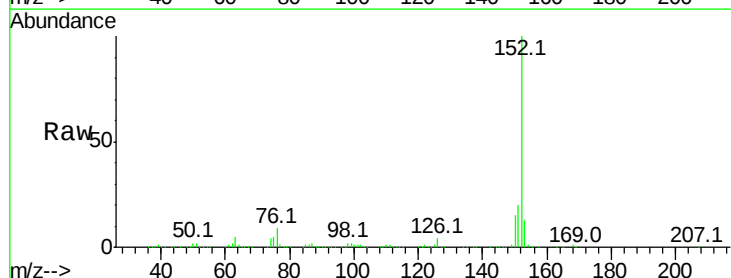
RT: 9.74 min Scan# 670

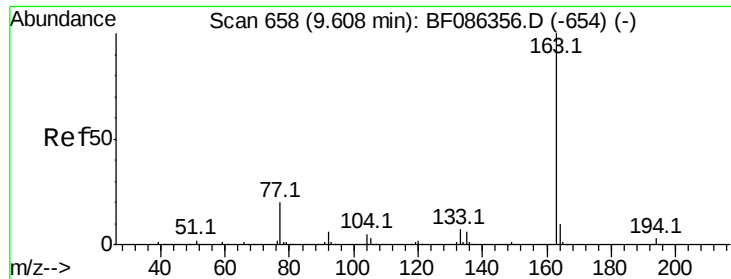
Delta R.T. -0.00 min

Lab File: BF086366.D

Acq: 23 Apr 2016 2:53

Tgt Ion	152	Resp	1410296
Ion Ratio	Lower	Upper	
152	100		
151	20.4	16.8	25.2
153	12.9	10.9	16.3





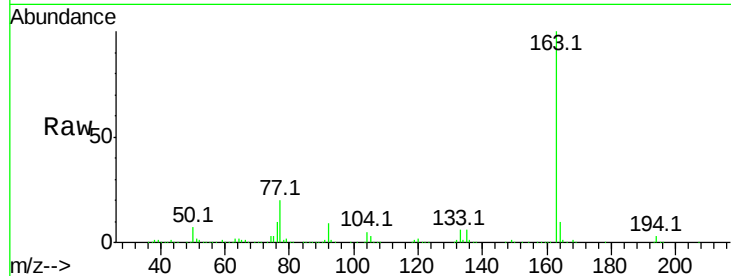
#49
Dimethylphthalate
Concen: 40.16 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.00 min
Lab File: BF086366.D
Acq: 23 Apr 2016 2:53

Instrument :
BNA_F
ClientSampleId :
PB89976BS

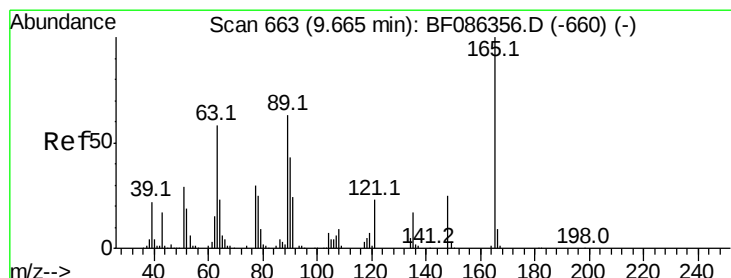
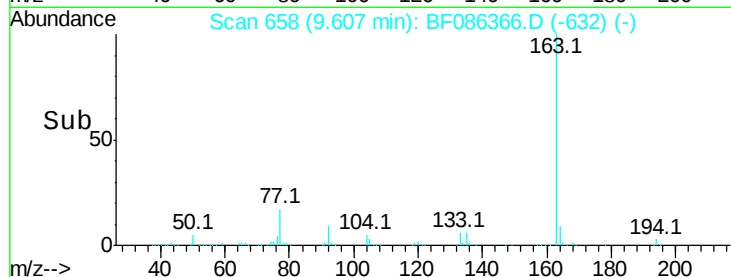
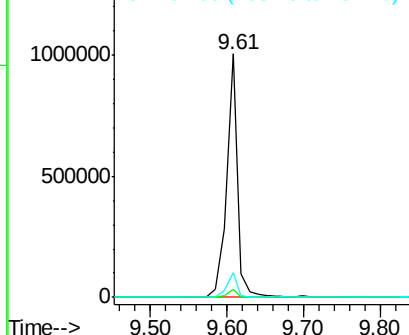
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	10.4	8.2	12.4

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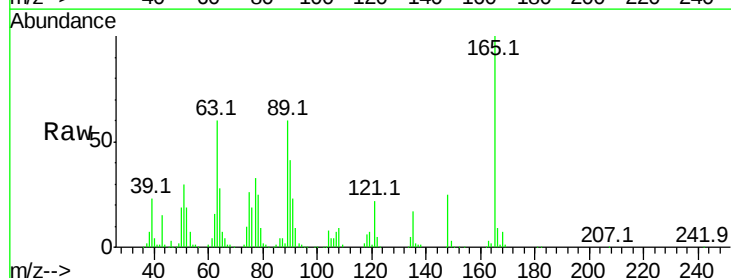


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

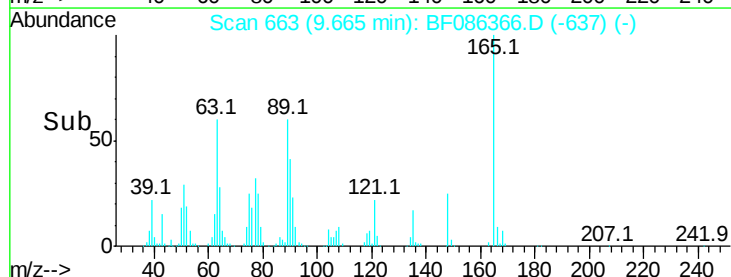
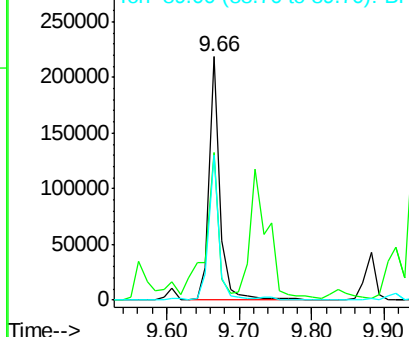


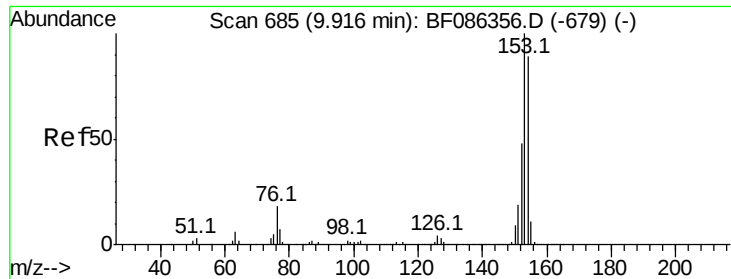
#50
2,6-Dinitrotoluene
Concen: 41.74 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.00 min
Lab File: BF086366.D
Acq: 23 Apr 2016 2:53

Tgt Ion	Ratio	Lower	Upper
165	100		
63	60.4	51.8	77.8
89	59.6	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: 44.44 ng

RT: 9.92 min Scan# 685

Delta R.T. -0.00 min

Lab File: BF086366.D

Acq: 23 Apr 2016 2:53

Instrument :

BNA_F

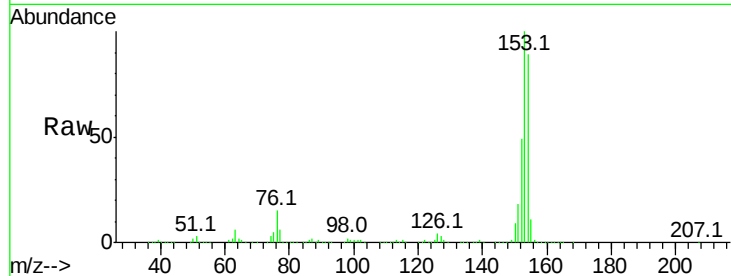
ClientSampleId :

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Tot Ion	Ratio	Lower	Upper
154	100		
153	112.2	89.8	134.6
152	54.5	43.4	65.0

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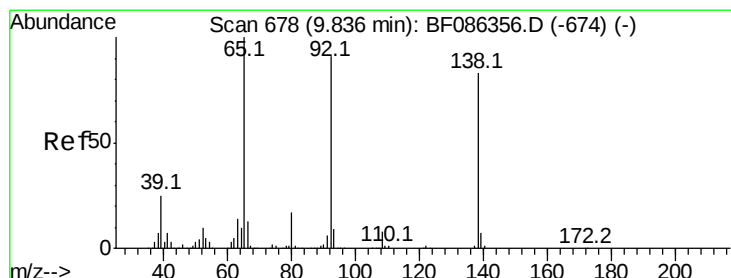
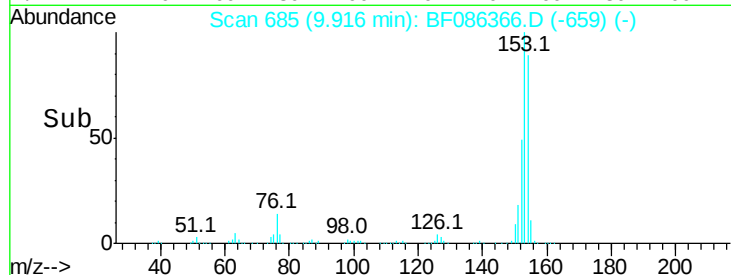
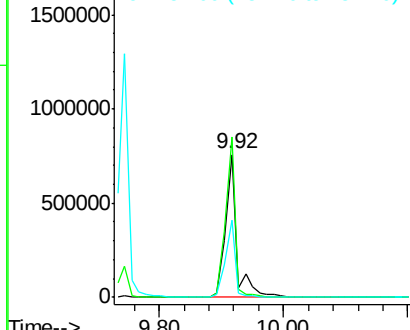


Abundance

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: 13.46 ng

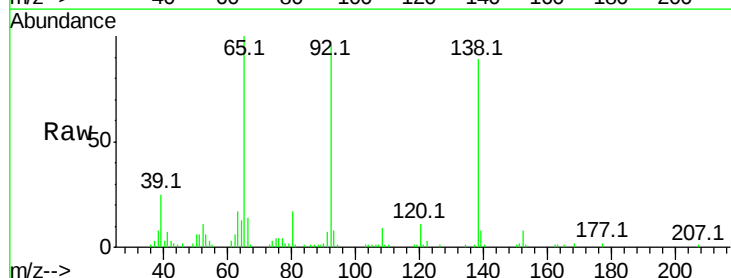
RT: 9.84 min Scan# 678

Delta R.T. -0.00 min

Lab File: BF086366.D

Acq: 23 Apr 2016 2:53

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.2	7.8	11.6
92	108.3	87.8	131.8

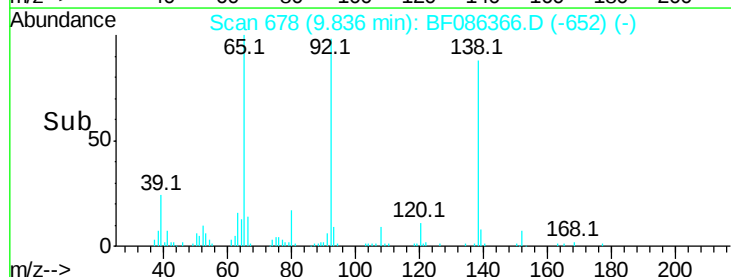
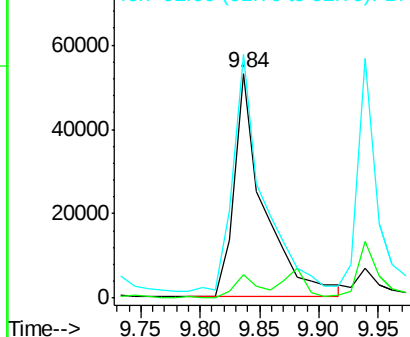


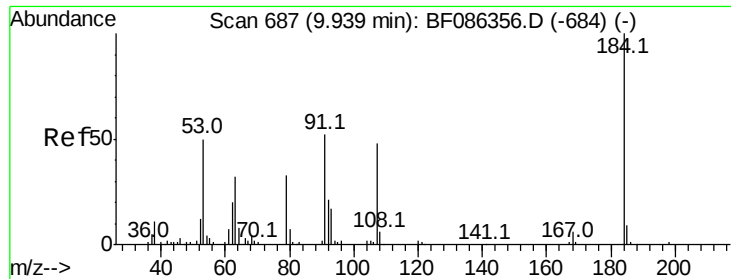
Abundance

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





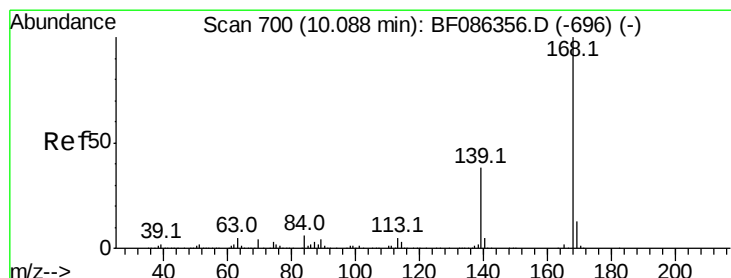
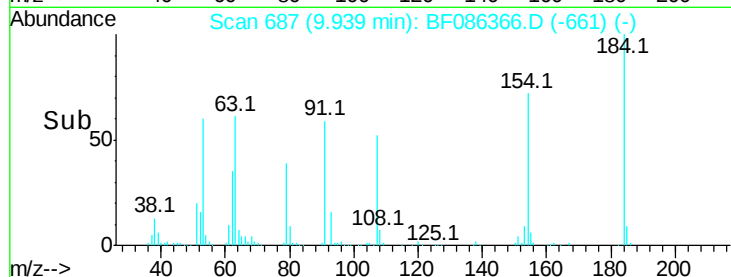
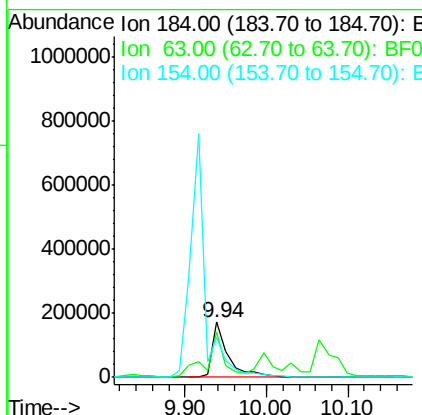
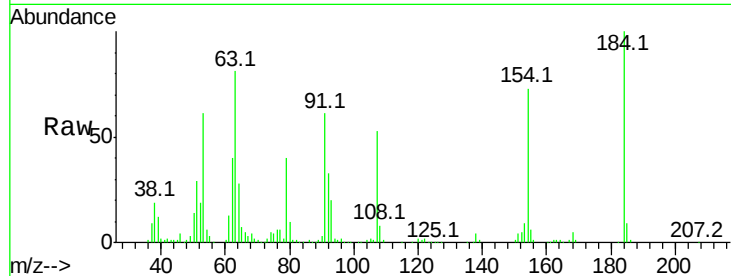
#53
2,4-Dinitrophenol
Concen: 84.48 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.00 min
Lab File: BF086366.D
Acq: 23 Apr 2016 2:53

Instrument :
BNA_F
ClientSampled :
PB89976BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	240351		
63	81.3	55.8	83.8	
154	72.6	62.4	93.6	

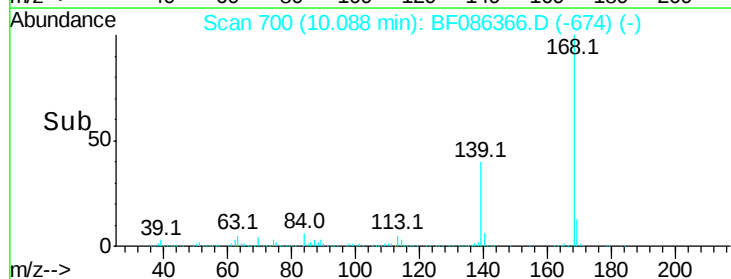
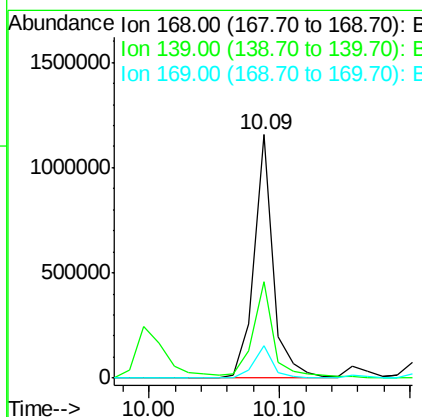
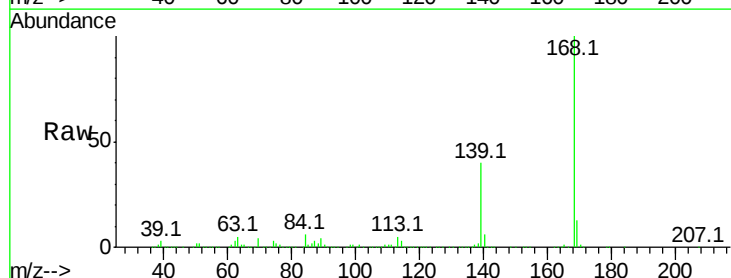
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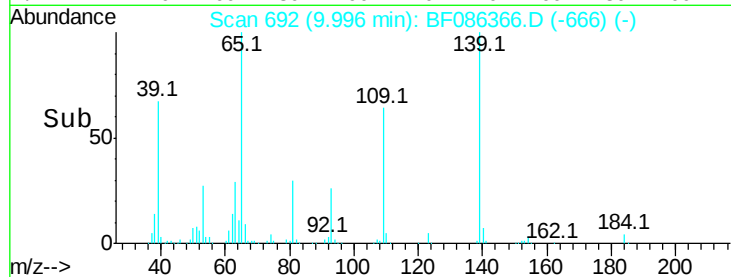
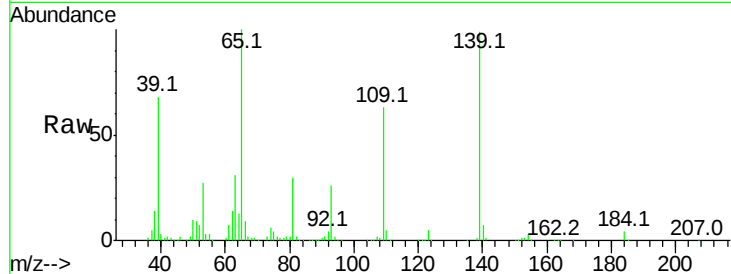
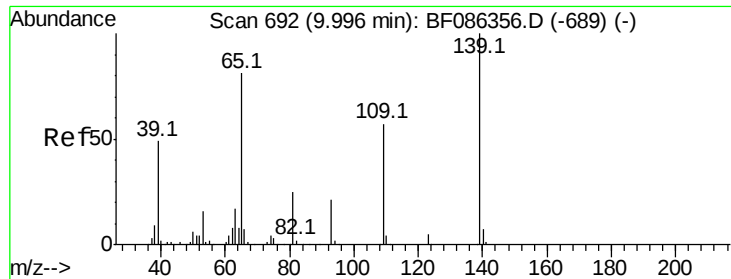
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#54
Dibenzofuran
Concen: 43.37 ng
RT: 10.09 min Scan# 700
Delta R.T. -0.00 min
Lab File: BF086366.D
Acq: 23 Apr 2016 2:53

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1194742		
139	39.6	31.4	47.0	
169	13.4	10.7	16.1	





#55

4-Nitrophenol

Concen: 80.90 ng

RT: 10.00 min Scan# 692

Delta R.T. 0.00 min

Lab File: BF086366.D

Acq: 23 Apr 2016 2:53

Tot Ion:	139	Resp:	387847
Ion Ratio	Lower	Upper	
139	100		
109	64.1	36.9	76.9
65	101.1	64.0	104.0

Instrument :

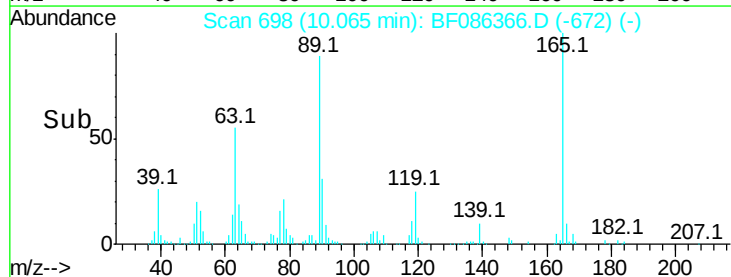
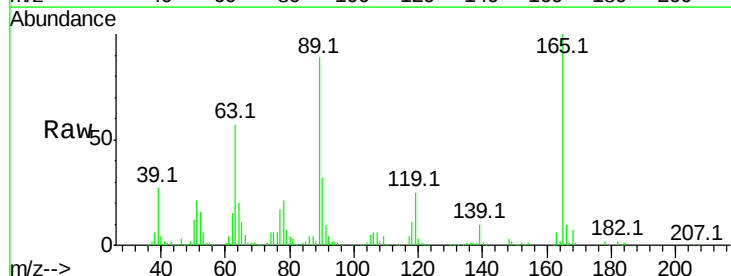
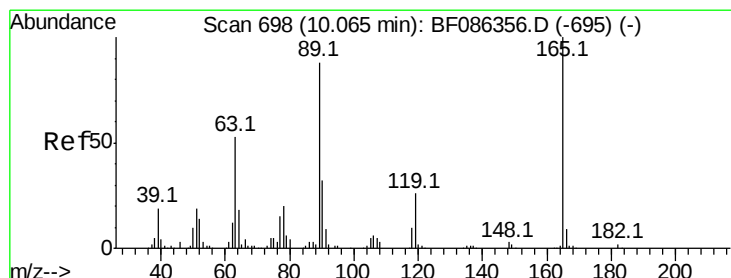
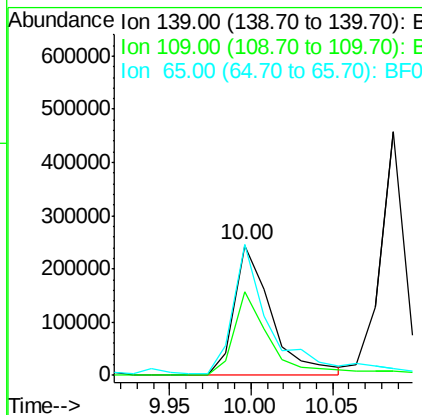
BNA_F

ClientSampleId :

PB89976BS

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#56

2,4-Dinitrotoluene

Concen: 42.07 ng

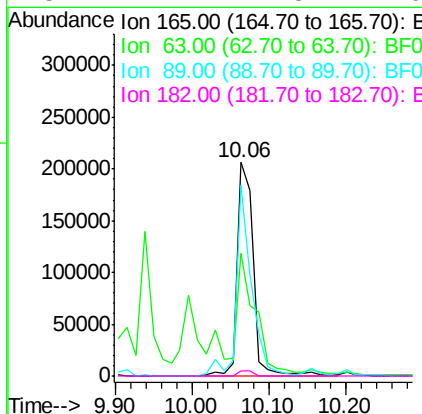
RT: 10.06 min Scan# 698

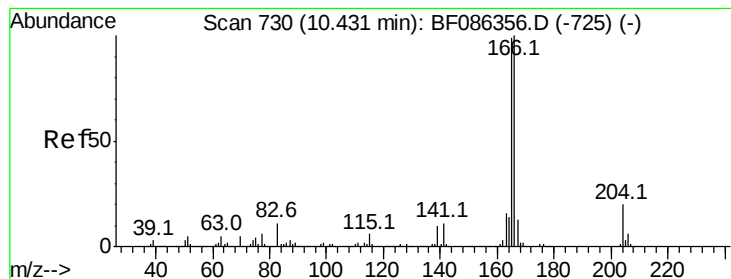
Delta R.T. -0.00 min

Lab File: BF086366.D

Acq: 23 Apr 2016 2:53

Tgt Ion:	165	Resp:	305733
Ion Ratio	Lower	Upper	
165	100		
63	57.2	44.3	66.5
89	89.0	70.0	105.0
182	2.2	1.8	2.6





#57

Fluorene

Concen: 40.43 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF086366.D

Acq: 23 Apr 2016 2:53

Instrument :

BNA_F

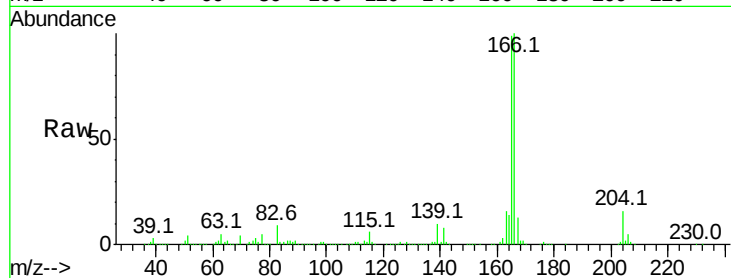
ClientSampled :

PB89976BS

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Tot Ion:	166	Resp:	912614
Ion Ratio	Lower	Upper	
166	100		
165	99.2	79.0	118.6
167	13.3	10.6	15.8

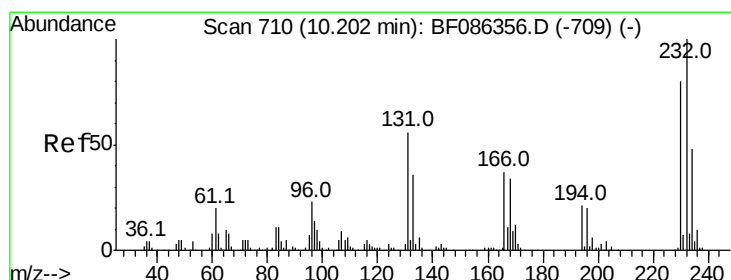
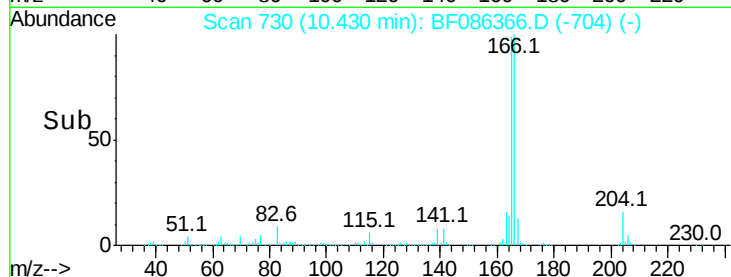
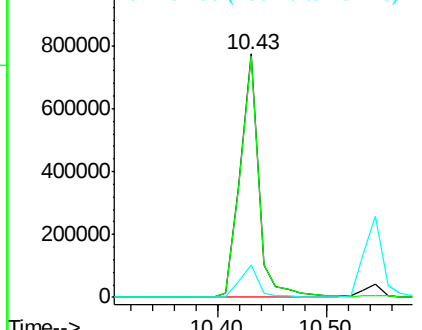


Abundance

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: 45.91 ng

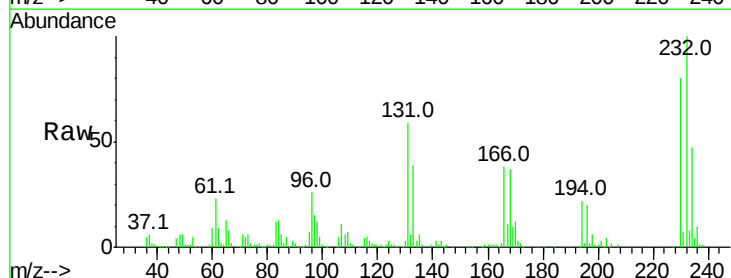
RT: 10.20 min Scan# 710

Delta R.T. -0.00 min

Lab File: BF086366.D

Acq: 23 Apr 2016 2:53

Tgt Ion:	232	Resp:	245777
Ion Ratio	Lower	Upper	
232	100		
131	48.3	41.9	62.9
130	2.7	2.2	3.4
166	31.2	26.8	40.2



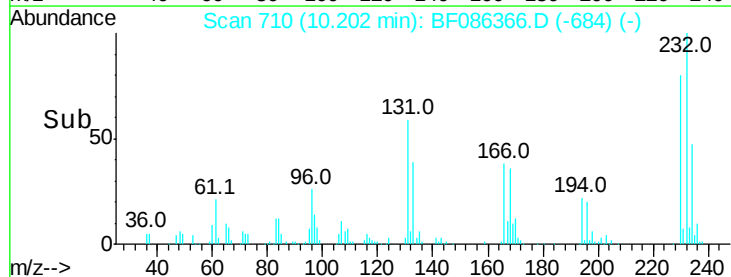
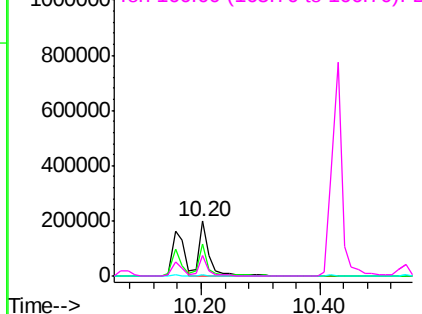
Abundance

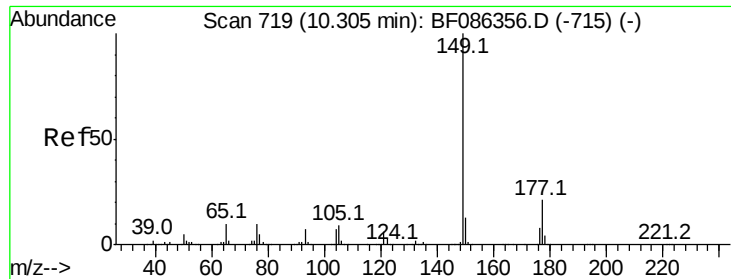
Ion 232.00 (231.70 to 232.70): E

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: 38.72 ng

RT: 10.30 min Scan# 719

Delta R.T. -0.00 min

Lab File: BF086366.D

Acq: 23 Apr 2016 2:53

Instrument :

BNA_F

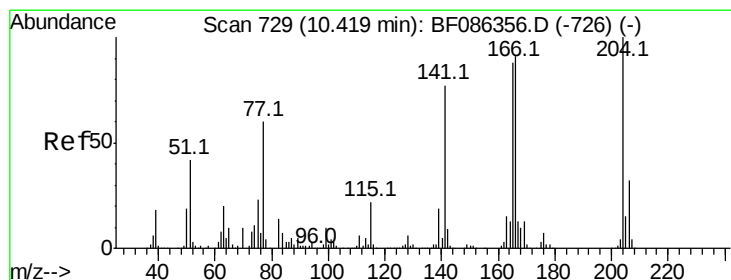
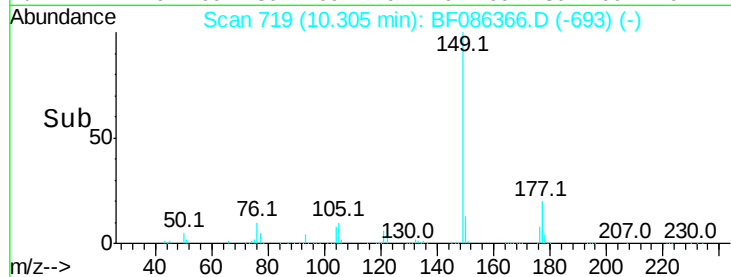
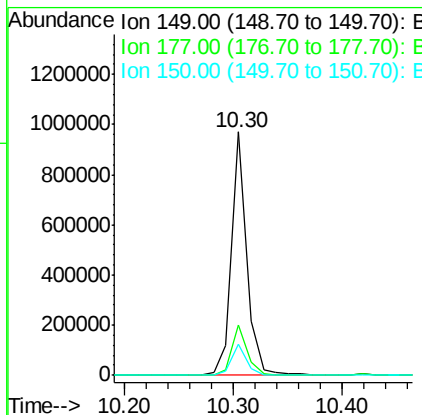
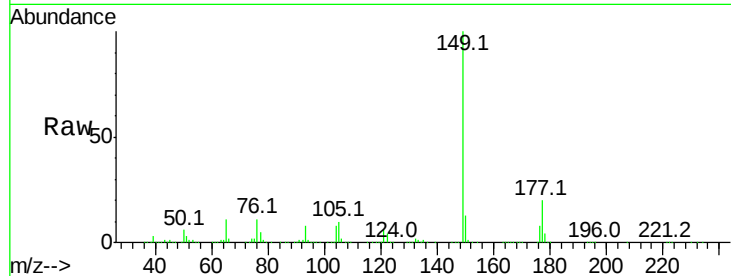
ClientSampleId :

PB89976BS

Tot Ion:	149	Resp:	939417
Ion Ratio	Lower	Upper	
149	100		
177	20.5	16.6	24.8
150	12.9	10.0	15.0

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#60

4-Chlorophenyl-phenylether

Concen: 38.10 ng

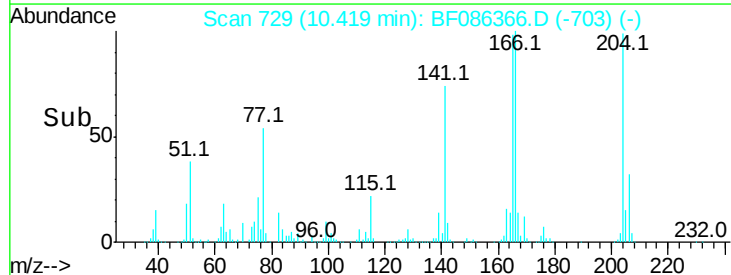
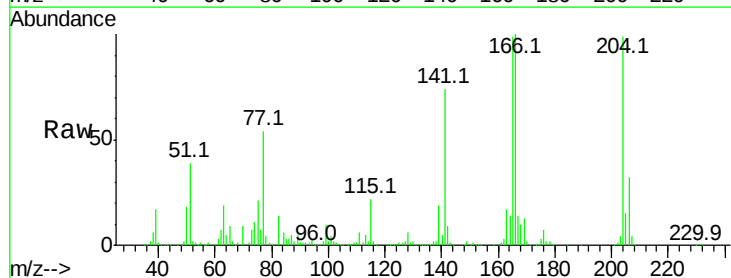
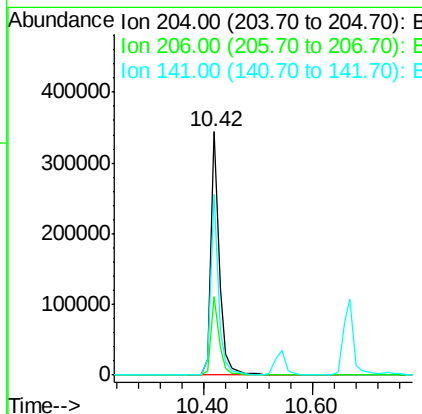
RT: 10.42 min Scan# 729

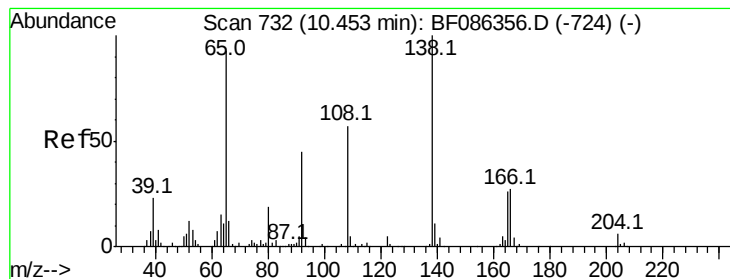
Delta R.T. -0.00 min

Lab File: BF086366.D

Acq: 23 Apr 2016 2:53

Tgt Ion:	204	Resp:	376085
Ion Ratio	Lower	Upper	
204	100		
206	32.5	25.4	38.0
141	74.3	61.6	92.4





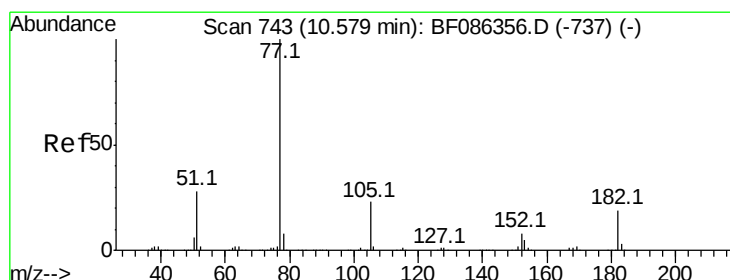
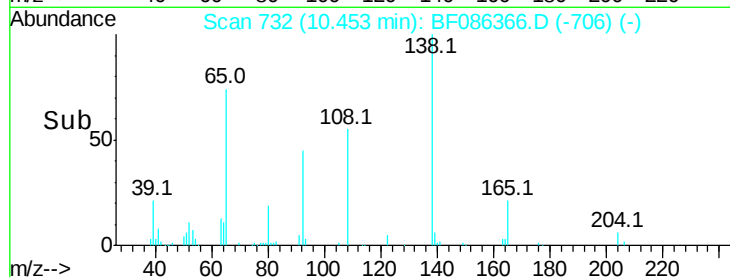
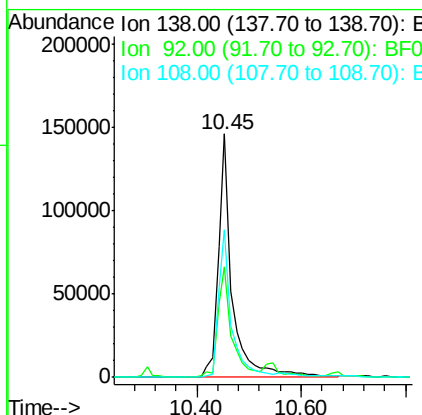
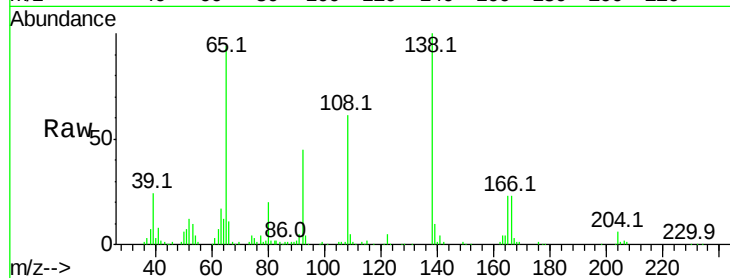
#61
4-Nitroaniline
Concen: 38.62 ng
RT: 10.45 min Scan# 732
Delta R.T. -0.00 min
Lab File: BF086366.D
Acq: 23 Apr 2016 2:53

Instrument :
BNA_F
ClientSampleId :
PB89976BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	270821		
92	45.2		24.7	64.7
108	60.8		37.4	77.4

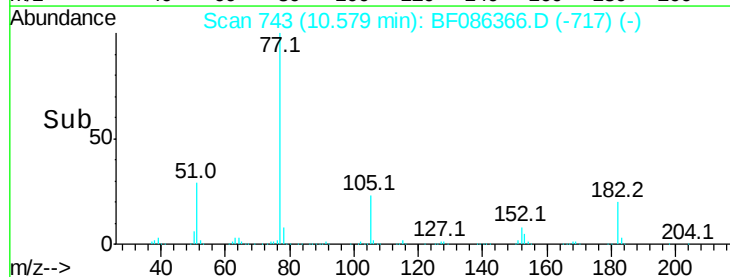
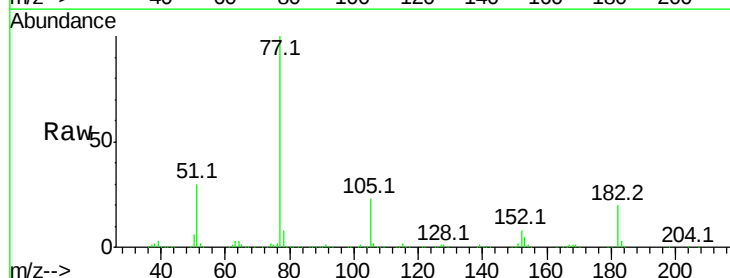
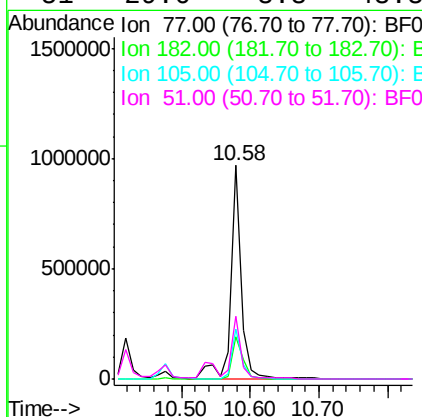
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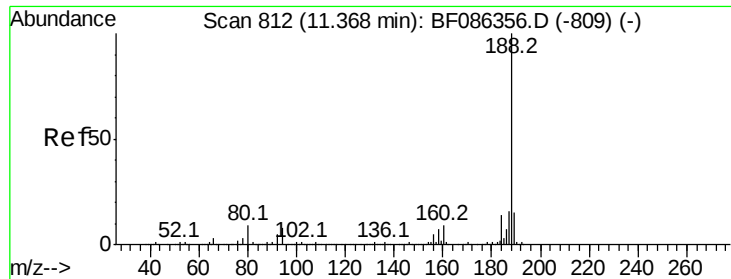
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#62
Azobenzene
Concen: 42.12 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.00 min
Lab File: BF086366.D
Acq: 23 Apr 2016 2:53

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	1059698		
182	20.1		0.0	38.8
105	23.5		3.2	43.2
51	29.6		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: BF086366.D

Acq: 23 Apr 2016 2:53

Instrument :

BNA_F

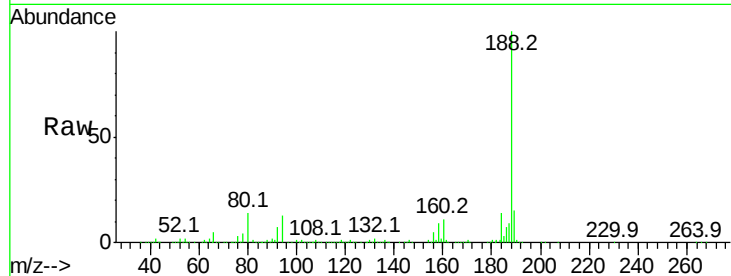
ClientSampleId :

PB89976BS

Tot Ion:	188	Resp:	685643
Ion Ratio	Lower	Upper	
188	100		
94	13.0	6.8	10.2#
80	14.1	7.1	10.7#

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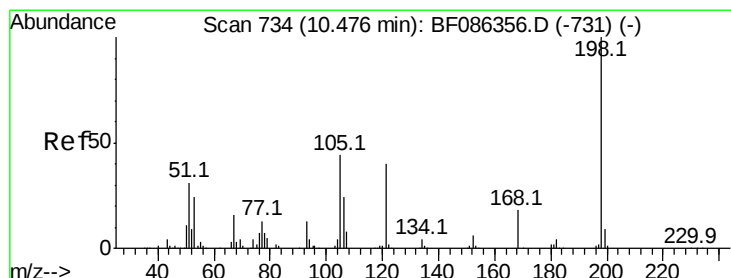
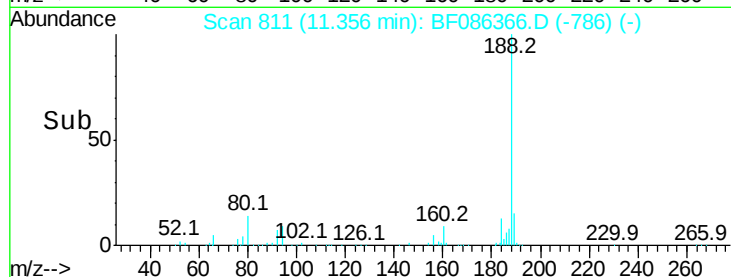
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

11.36

Time--> 11.20 11.40 11.60



#64

4,6-Dinitro-2-methylphenol

Concen: 39.01 ng

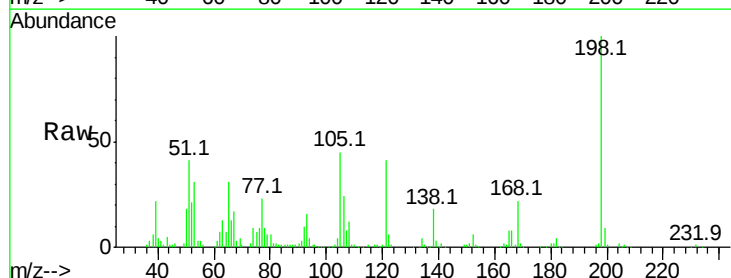
RT: 10.48 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF086366.D

Acq: 23 Apr 2016 2:53

Tgt Ion:	198	Resp:	163455
Ion Ratio	Lower	Upper	
198	100		
51	41.3	20.5	60.5
105	45.1	24.5	64.5



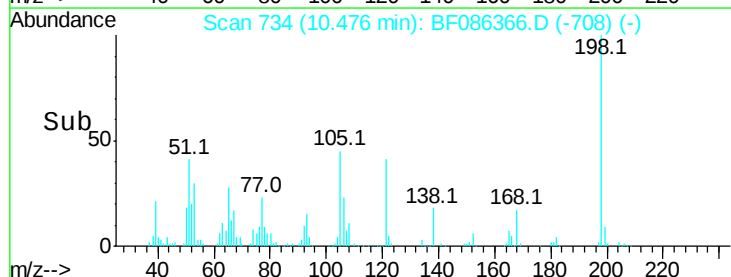
Abundance Ion 198.00 (197.70 to 198.70): E

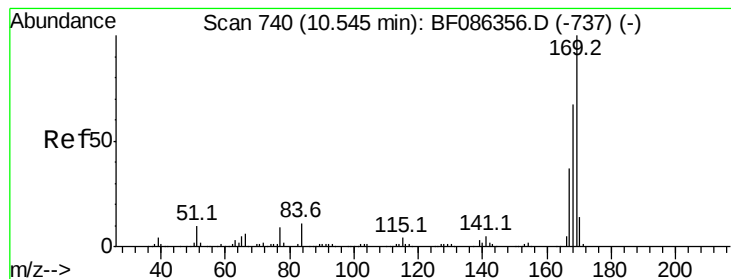
Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

10.48

Time--> 10.40 10.50 10.60 10.70





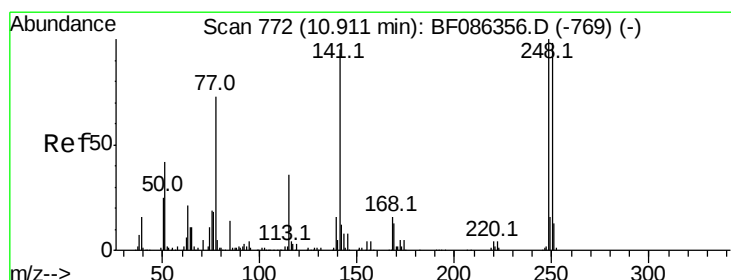
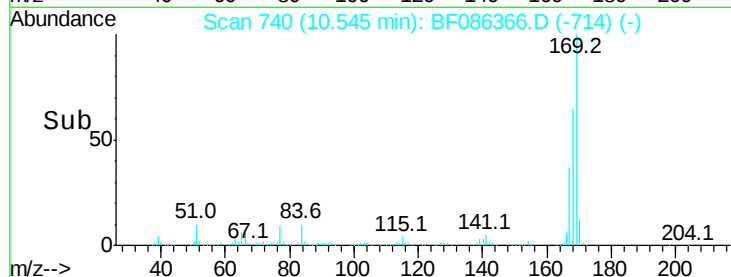
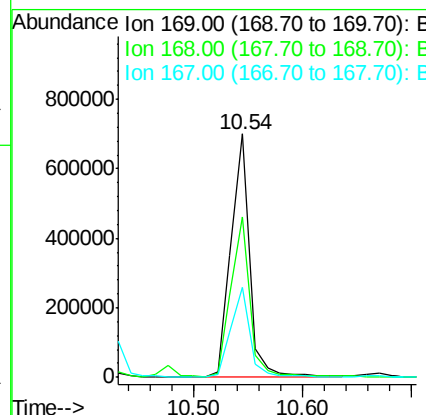
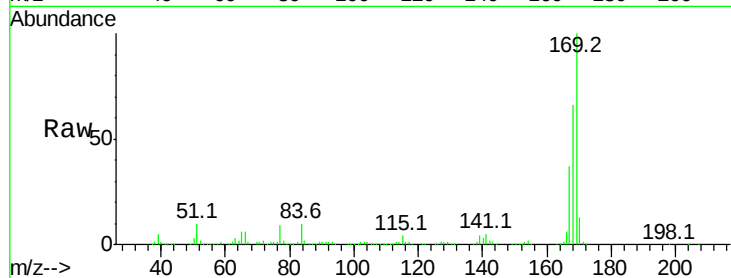
#65
 n-Nitrosodiphenylamine
 Concen: 39.62 ng
 RT: 10.54 min Scan# 740
 Delta R.T. -0.00 min
 Lab File: BF086366.D
 Acq: 23 Apr 2016 2:53

Instrument :
 BNA_F
 ClientSampleId :
 PB89976BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	65.9	53.8	80.6	
167	36.8	29.5	44.3	

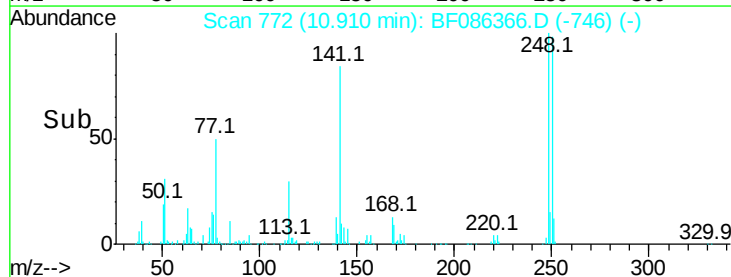
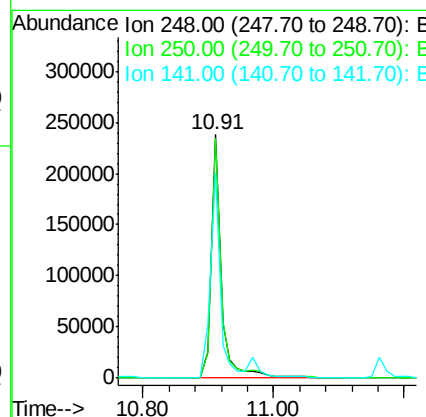
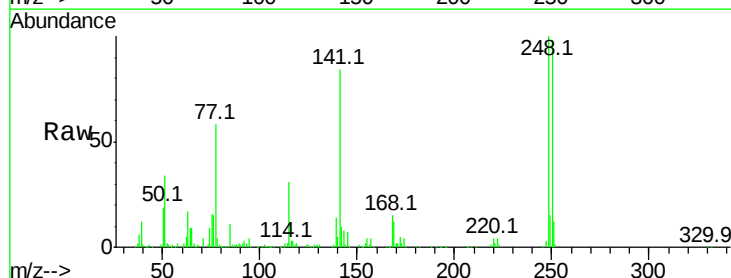
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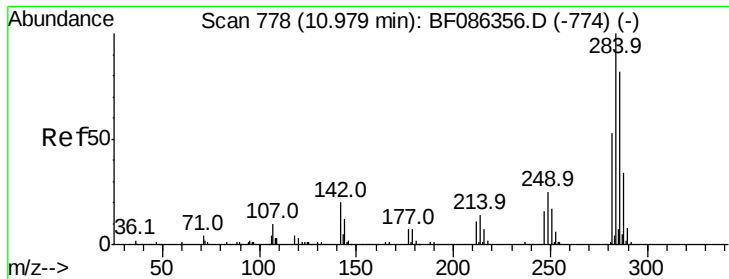
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#66
 4-Bromophenyl-phenylether
 Concen: 38.39 ng
 RT: 10.91 min Scan# 772
 Delta R.T. -0.00 min
 Lab File: BF086366.D
 Acq: 23 Apr 2016 2:53

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	98.2	78.6	117.8	
141	84.1	76.0	114.0	





#67

Hexachlorobenzene

Concen: 36.88 ng

RT: 10.97 min Scan# 777

Delta R.T. -0.01 min

Lab File: BF086366.D

Acq: 23 Apr 2016 2:53

Instrument :

BNA_F

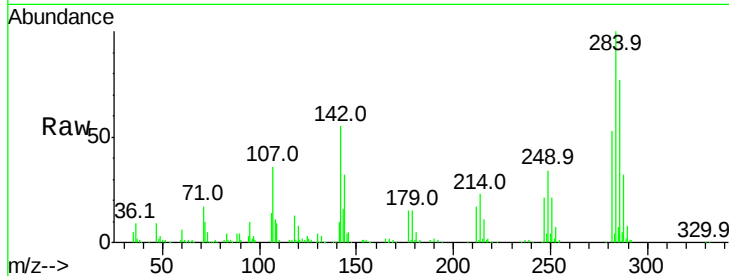
ClientSampled :

PB89976BS

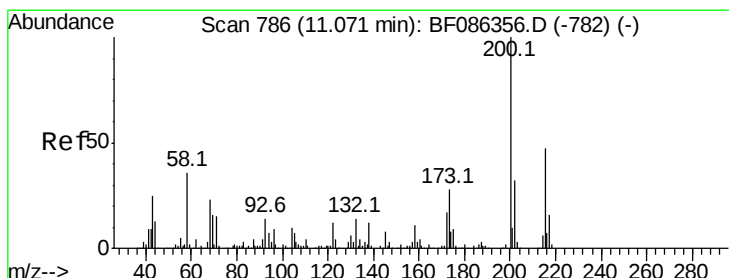
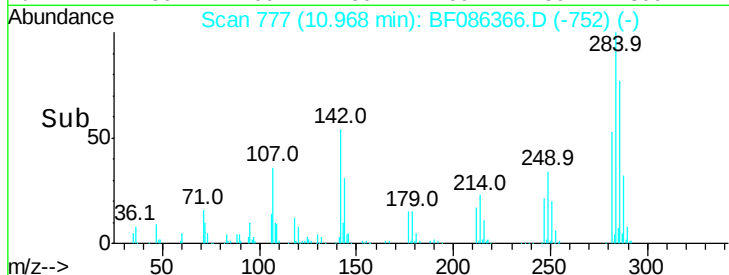
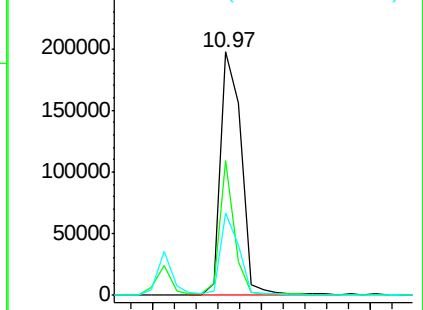
Tot Ion:	284	Resp:	264177
Ion Ratio		Lower	Upper
284	100		
142	55.2	16.7	25.1#
249	34.0	21.3	31.9#

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



#68

Atrazine

Concen: 40.64 ng

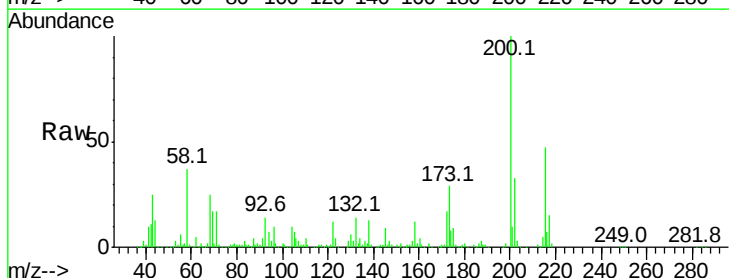
RT: 11.07 min Scan# 786

Delta R.T. -0.00 min

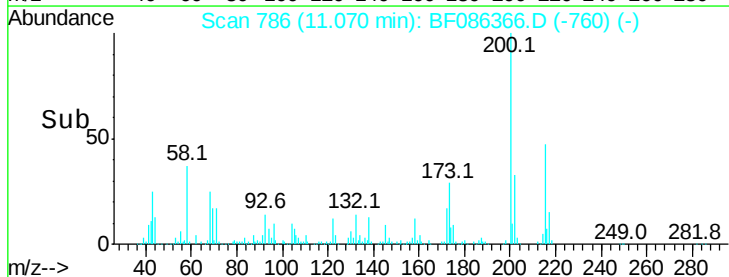
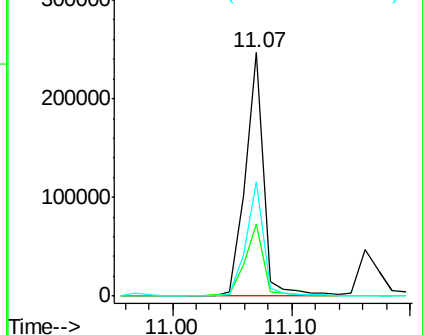
Lab File: BF086366.D

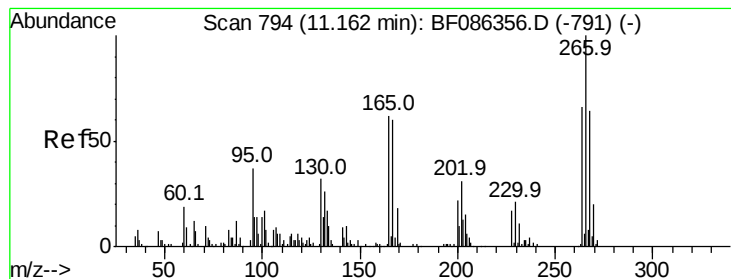
Acq: 23 Apr 2016 2:53

Tgt Ion:	200	Resp:	265263
Ion Ratio		Lower	Upper
200	100		
173	29.4	8.5	48.5
215	47.0	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: 77.09 ng

RT: 11.16 min Scan# 794

Delta R.T. -0.00 min

Lab File: BF086366.D

Acq: 23 Apr 2016 2:53

Instrument :

BNA_F

ClientSampleId :

PB89976BS

Tot Ion:266 Resp: 324264

Ion Ratio Lower Upper

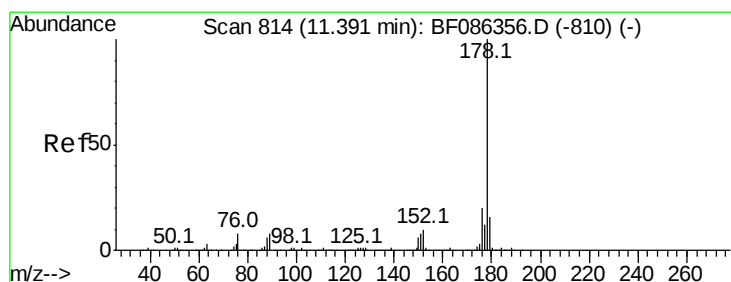
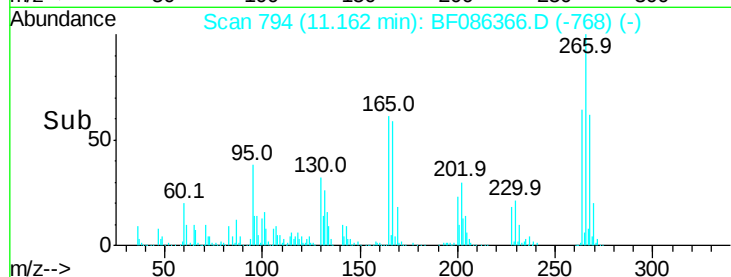
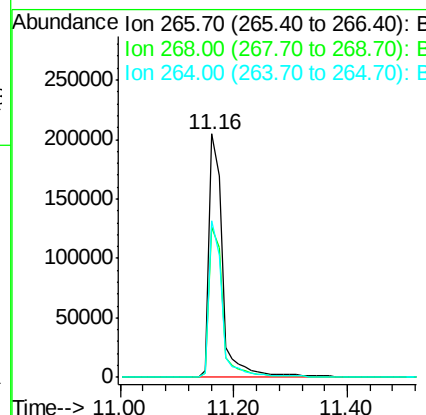
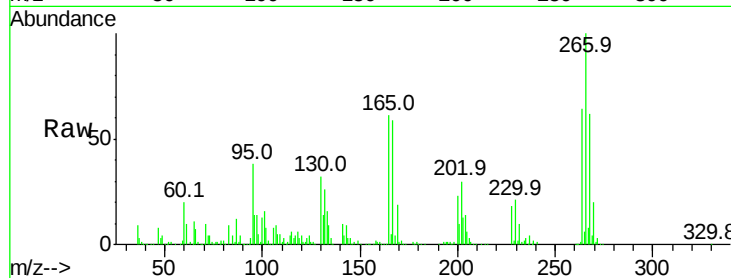
266 100

268 61.7 51.5 77.3

264 64.2 52.9 79.3

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#70

Phenanthrene

Concen: 38.77 ng

RT: 11.39 min Scan# 814

Delta R.T. -0.00 min

Lab File: BF086366.D

Acq: 23 Apr 2016 2:53

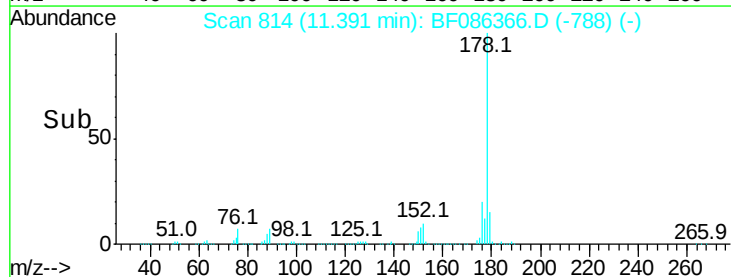
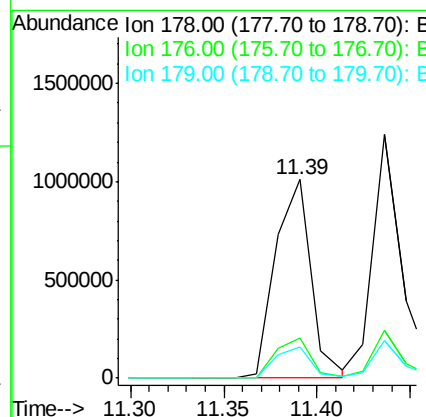
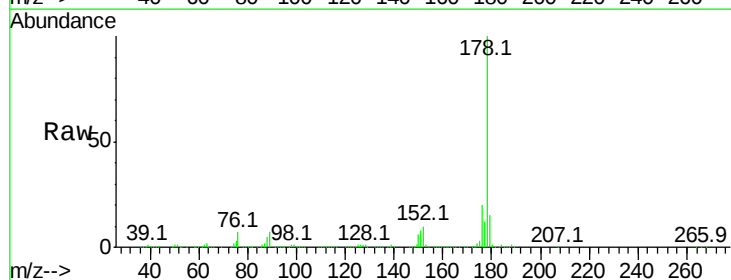
Tgt Ion:178 Resp: 1335696

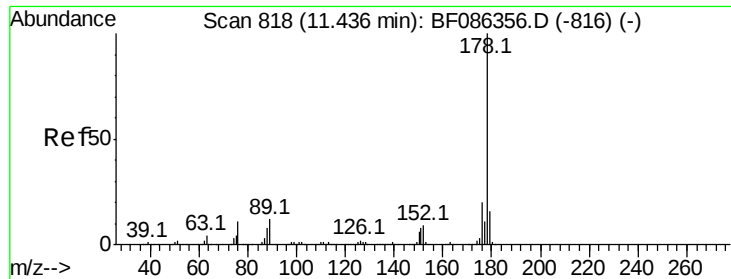
Ion Ratio Lower Upper

178 100

176 20.1 16.0 24.0

179 15.5 12.6 18.8





#71

Anthracene

Concen: 36.76 ng

RT: 11.44 min Scan# 818

Delta R.T. -0.00 min

Lab File: BF086366.D

Acq: 23 Apr 2016 2:53

Instrument :

BNA_F

ClientSampleId :

PB89976BS

Tot Ion:178 Resp: 1450947

Ion Ratio Lower Upper

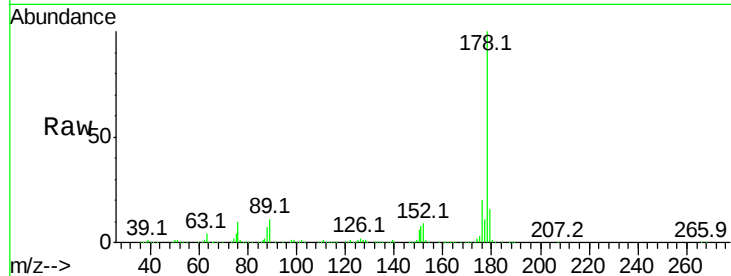
178 100

176 19.6 15.6 23.4

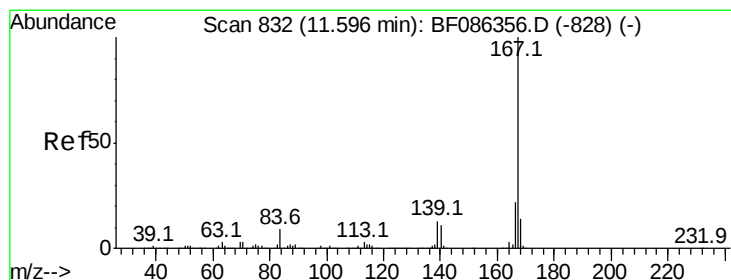
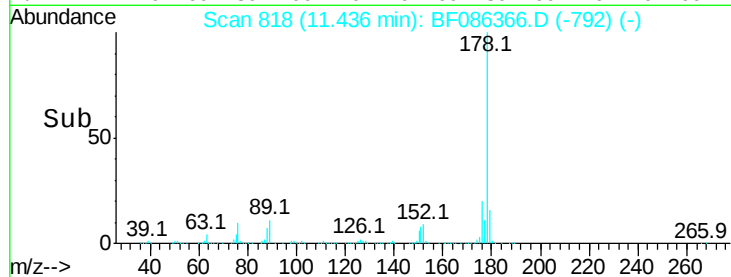
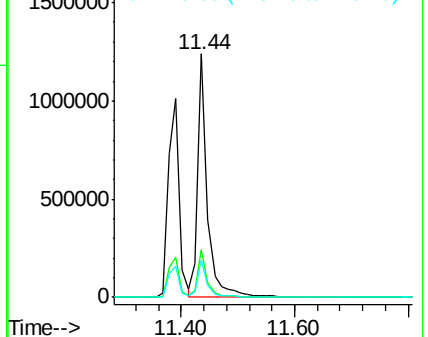
179 15.6 12.7 19.1

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



#72

Carbazole

Concen: 40.17 ng

RT: 11.60 min Scan# 832

Delta R.T. -0.00 min

Lab File: BF086366.D

Acq: 23 Apr 2016 2:53

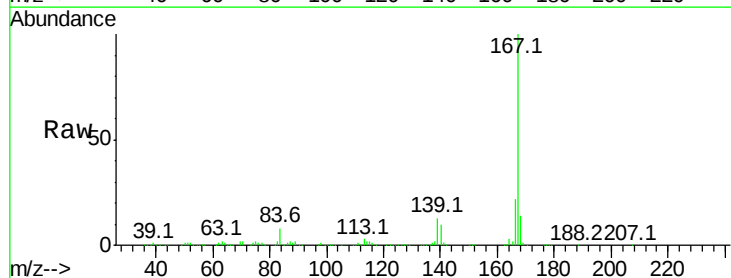
Tgt Ion:167 Resp: 1489458

Ion Ratio Lower Upper

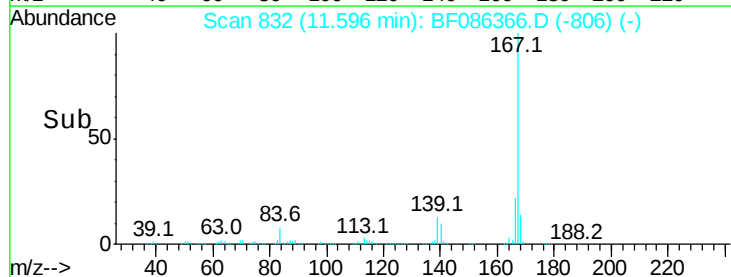
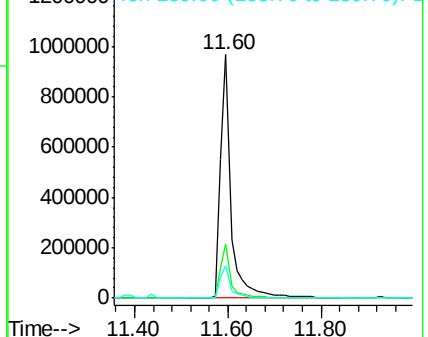
167 100

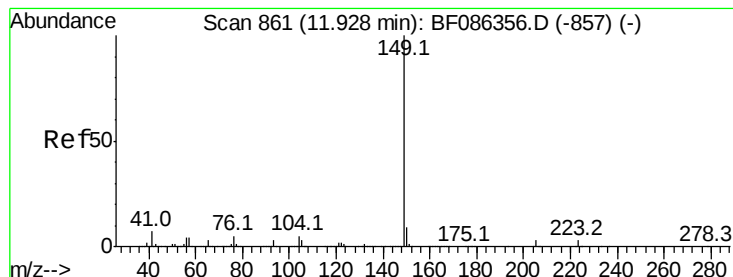
166 22.4 17.7 26.5

139 13.1 10.8 16.2



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E





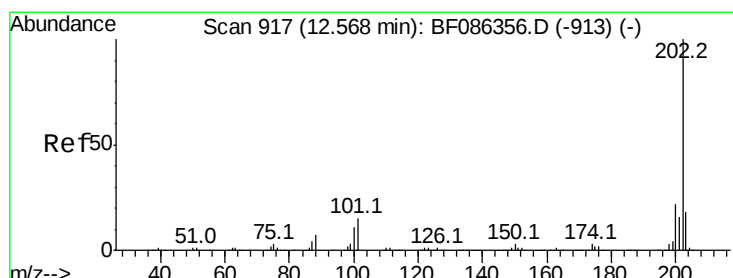
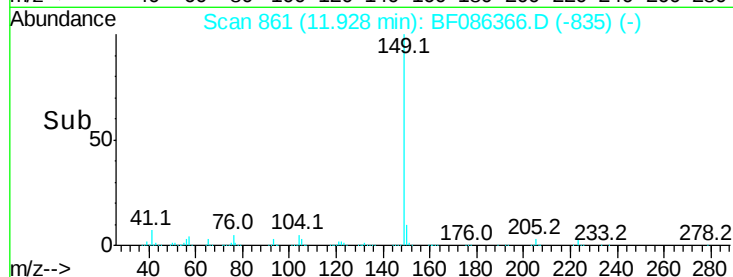
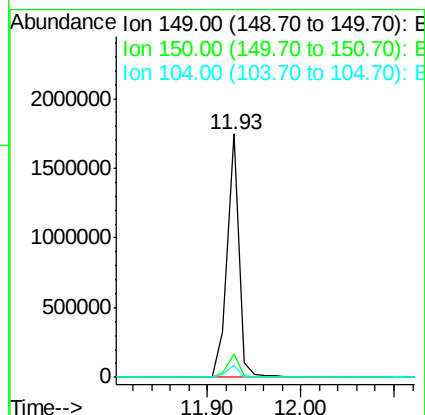
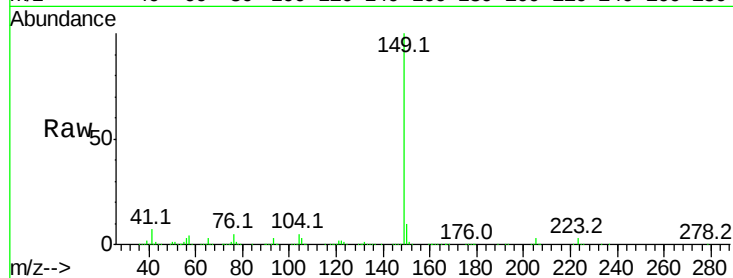
#73
Di-n-butylphthalate
Concen: 39.63 ng
RT: 11.93 min Scan# 861
Delta R.T. -0.00 min
Lab File: BF086366.D
Acq: 23 Apr 2016 2:53

Instrument :
BNA_F
ClientSampleId :
PB89976BS

Tot Ion:149 Resp: 1545568
Ion Ratio Lower Upper
149 100
150 9.6 7.6 11.4
104 4.7 3.8 5.6

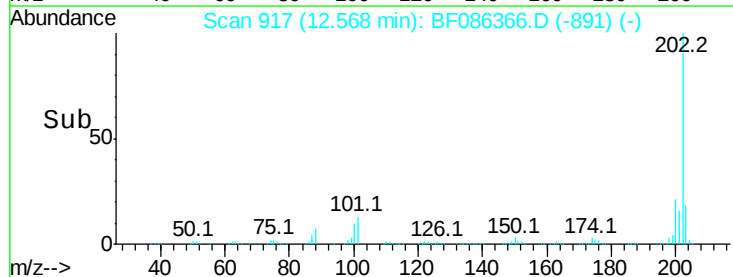
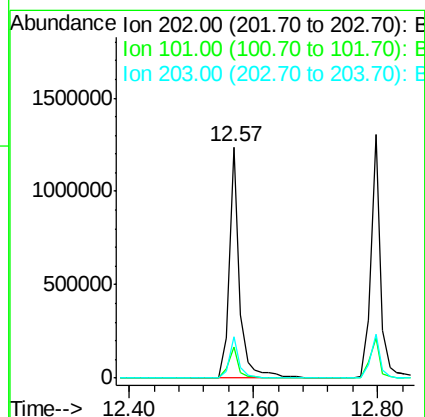
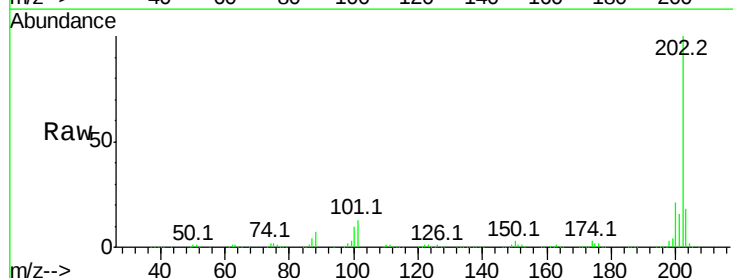
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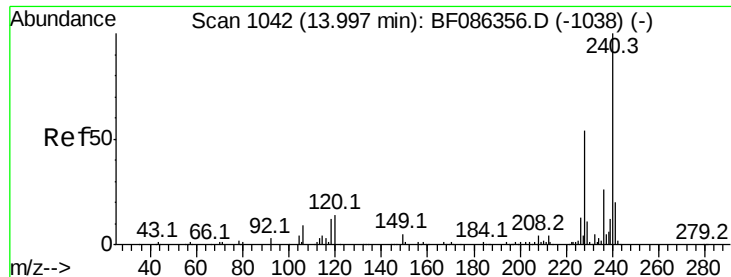
sohil
4/25/2016 12:35:45 PM



#74
Fluoranthene
Concen: 38.07 ng
RT: 12.57 min Scan# 917
Delta R.T. -0.00 min
Lab File: BF086366.D
Acq: 23 Apr 2016 2:53

Tgt Ion:202 Resp: 1414422
Ion Ratio Lower Upper
202 100
101 13.4 0.0 35.4
203 17.7 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.00 min Scan# 1042

Delta R.T. -0.00 min

Lab File: BF086366.D

Acq: 23 Apr 2016 2:53

Instrument :

BNA_F

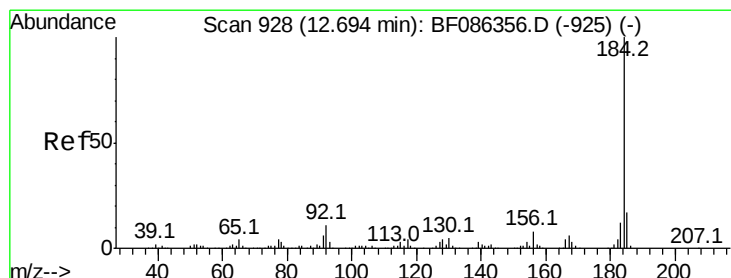
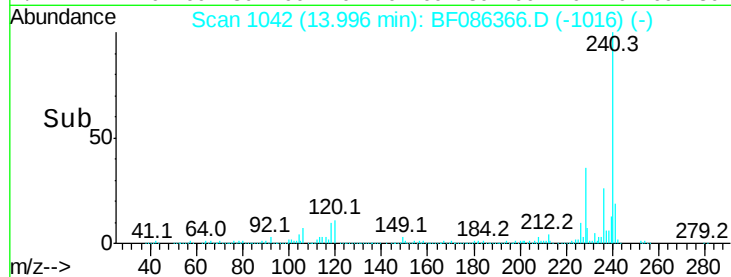
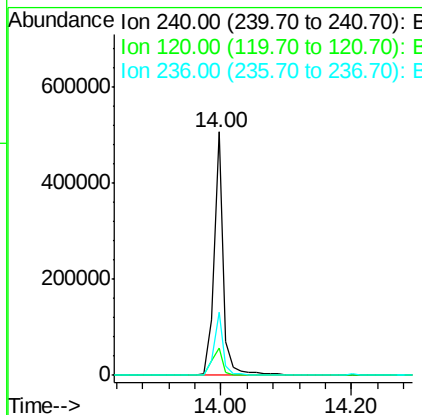
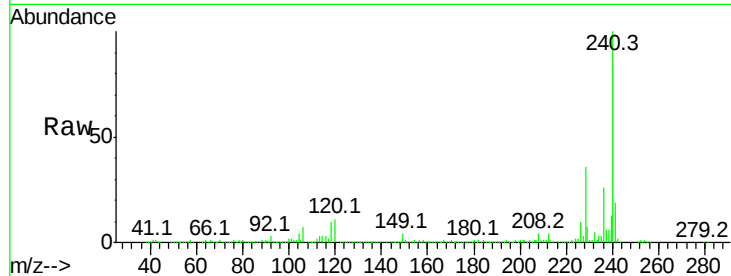
ClientSampleId :

PB89976BS

Tot Ion:	240	Resp:	514330
Ion Ratio	Lower	Upper	
240	100		
120	11.2	11.2	16.8#
236	26.2	21.2	31.8

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#76

Benzidine

Concen: 21.33 ng

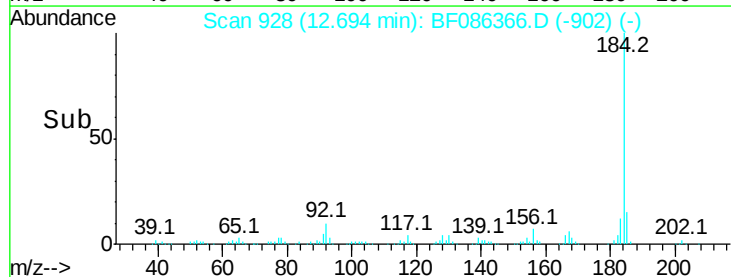
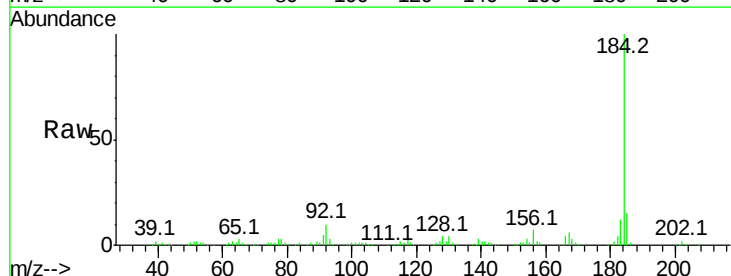
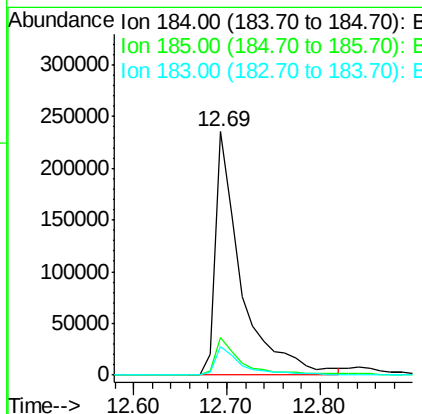
RT: 12.69 min Scan# 928

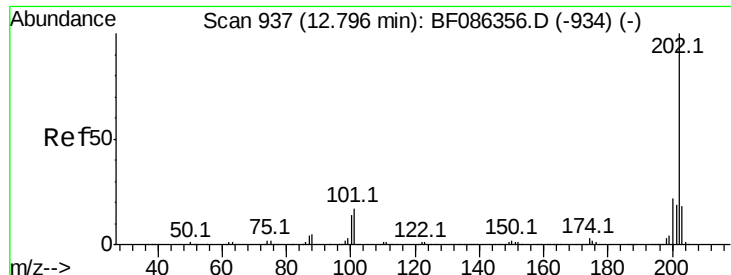
Delta R.T. -0.00 min

Lab File: BF086366.D

Acq: 23 Apr 2016 2:53

Tgt Ion:	184	Resp:	449840
Ion Ratio	Lower	Upper	
184	100		
185	15.4	13.6	20.4
183	11.6	9.8	14.6





#77

Pvrene

Concen: 38.63 ng

RT: 12.80 min Scan# 937

Delta R.T. -0.00 min

Lab File: BF086366.D

Acq: 23 Apr 2016 2:53

Instrument :

BNA_F

ClientSampleId :

PB89976BS

Tot Ion:202 Resp: 1385714

Ion Ratio Lower Upper

202 100

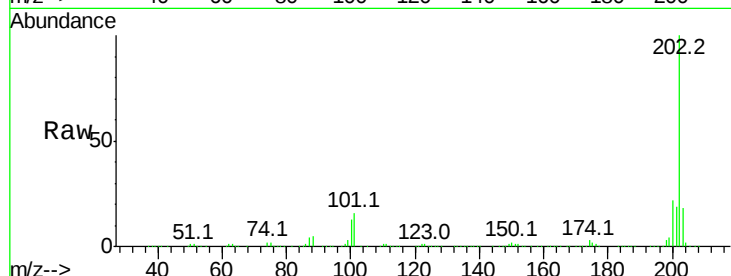
200 22.5 17.7 26.5

203 18.2 14.2 21.4

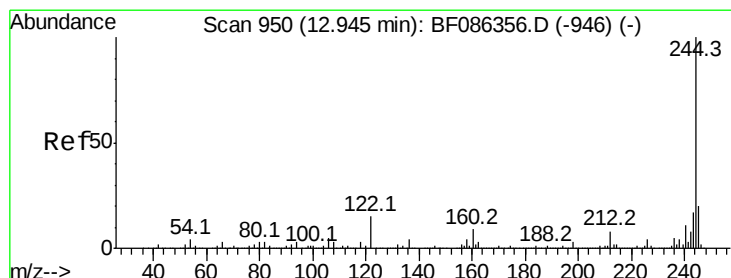
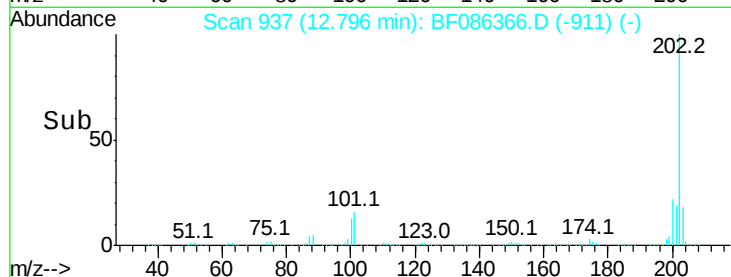
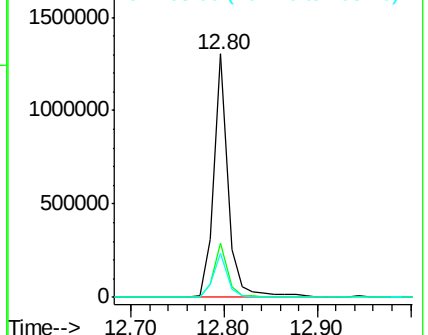
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 75.47 ng

RT: 12.94 min Scan# 950

Delta R.T. -0.00 min

Lab File: BF086366.D

Acq: 23 Apr 2016 2:53

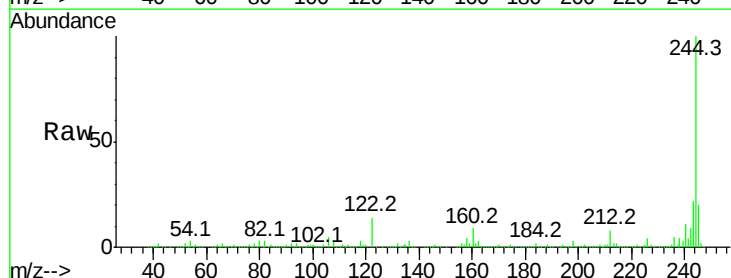
Tgt Ion:244 Resp: 1562253

Ion Ratio Lower Upper

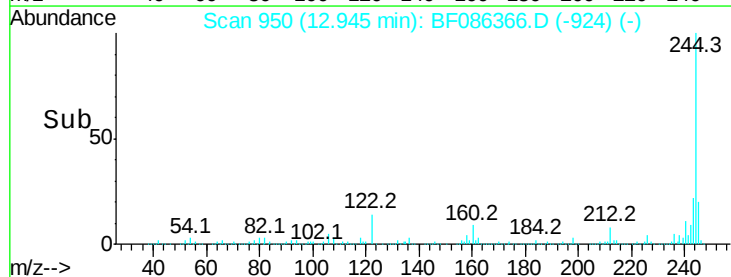
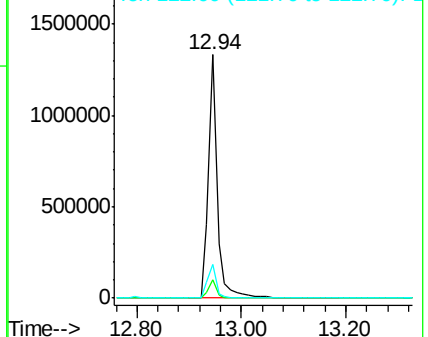
244 100

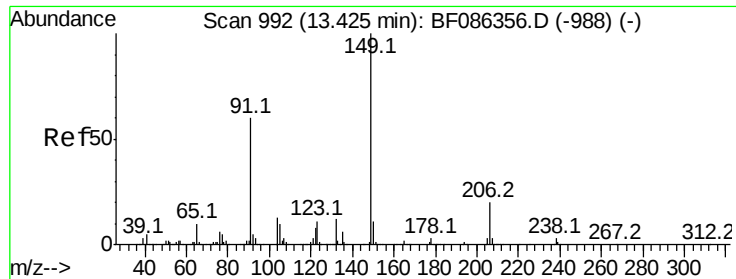
212 7.7 6.2 9.2

122 14.0 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





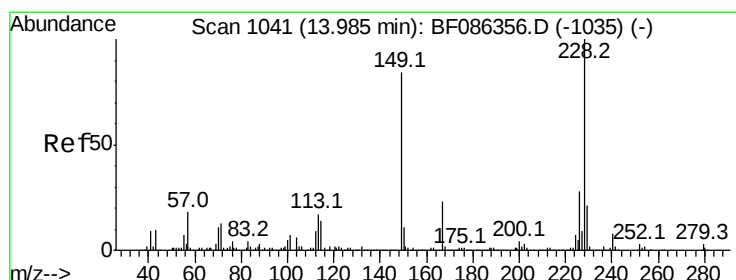
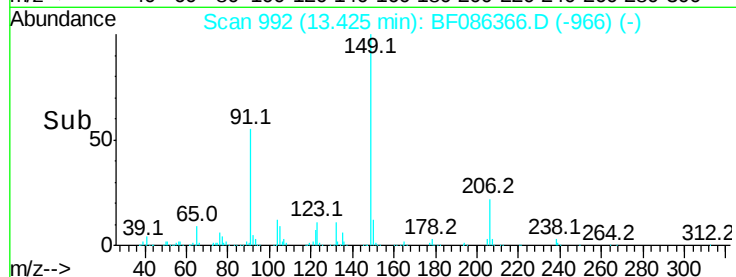
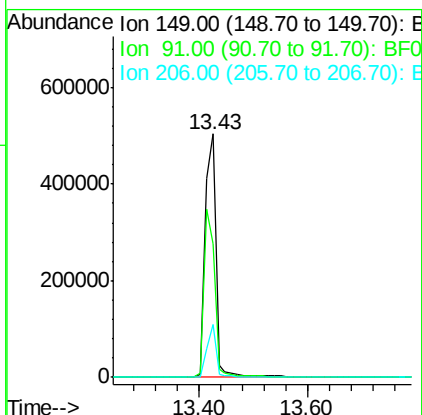
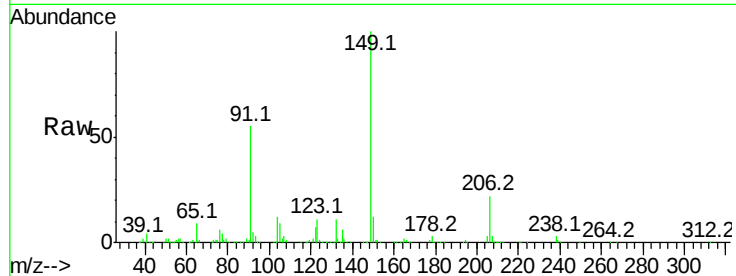
#79
Butylbenzylphthalate
Concen: 41.20 ng
RT: 13.43 min Scan# 992
Delta R.T. -0.00 min
Lab File: BF086366.D
Acq: 23 Apr 2016 2:53

Instrument :
BNA_F
ClientSampleId :
PB89976BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	688422		
91	54.6	48.0	72.0	
206	21.6	15.8	23.6	

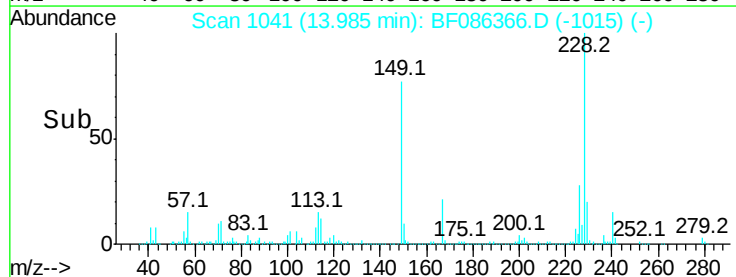
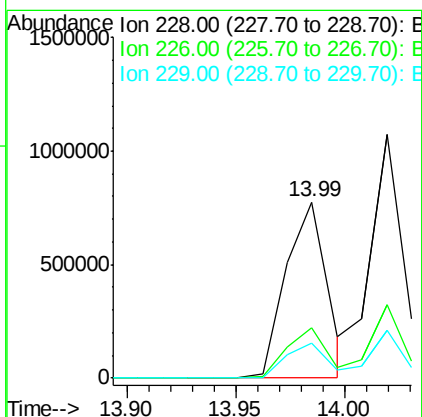
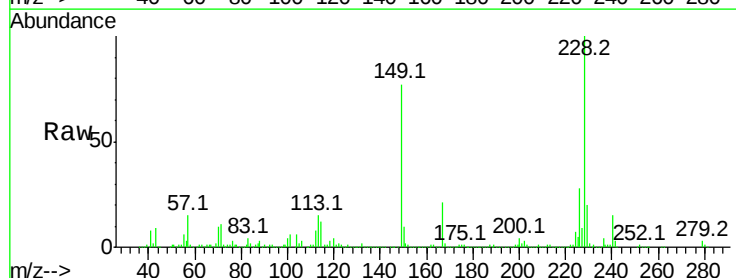
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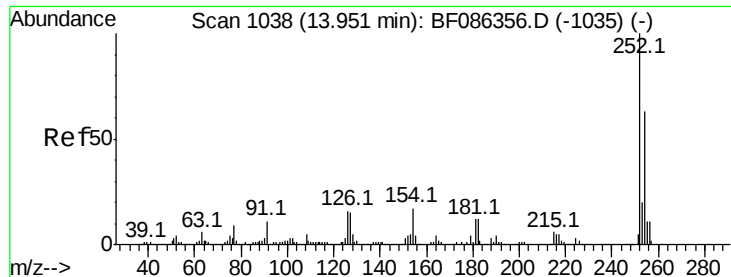
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#80
Benzo(a)anthracene
Concen: 38.14 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BF086366.D
Acq: 23 Apr 2016 2:53

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1018272		
226	28.3	22.5	33.7	
229	19.7	16.6	25.0	





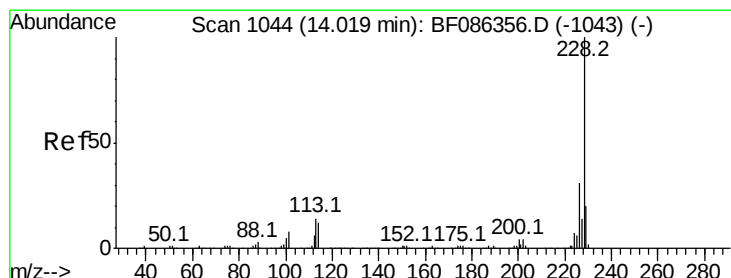
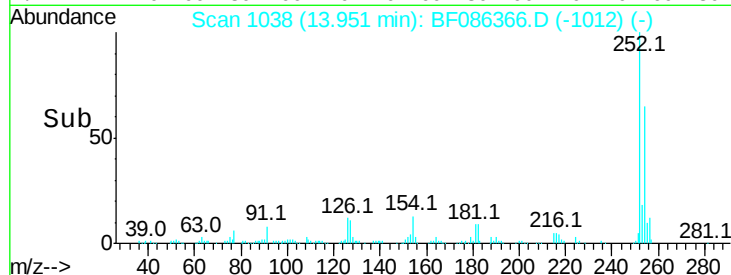
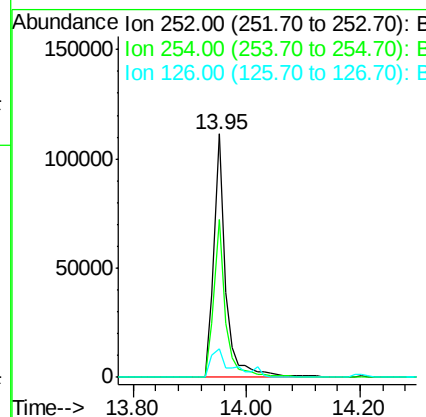
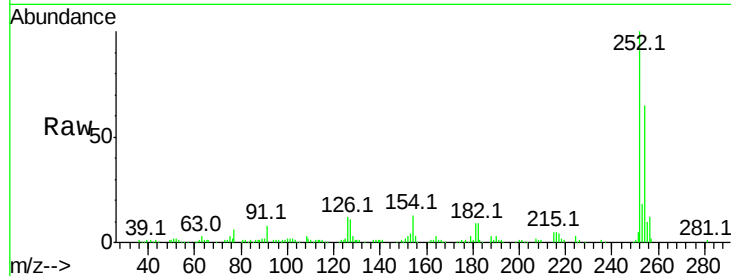
#81
 3,3'-Dichlorobenzidine
 Concen: 8.55 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BF086366.D
 Acq: 23 Apr 2016 2:53

Instrument :
 BNA_F
 ClientSampled :
 PB89976BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.0	50.7	76.1
126	11.6	12.7	19.1

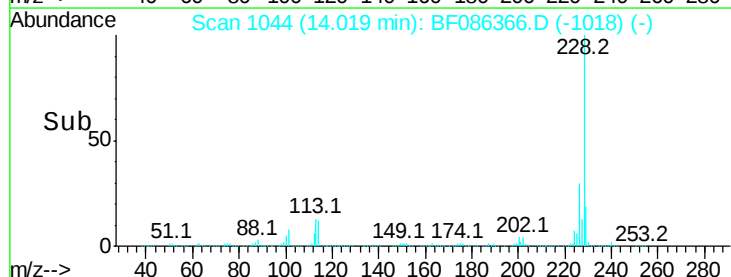
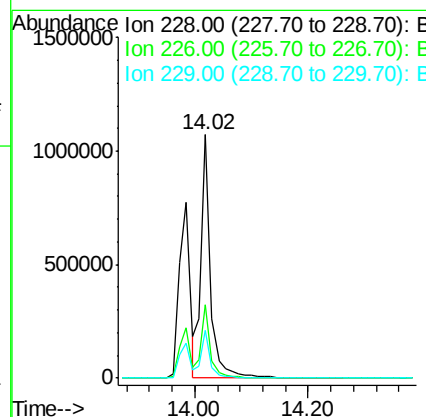
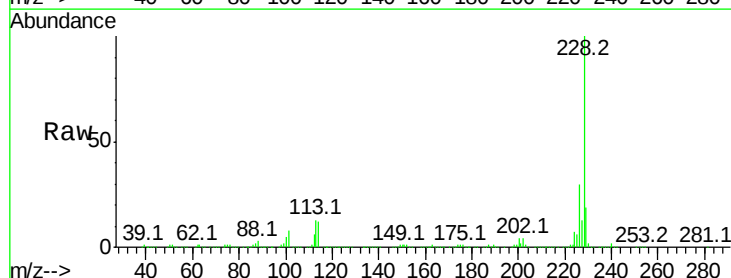
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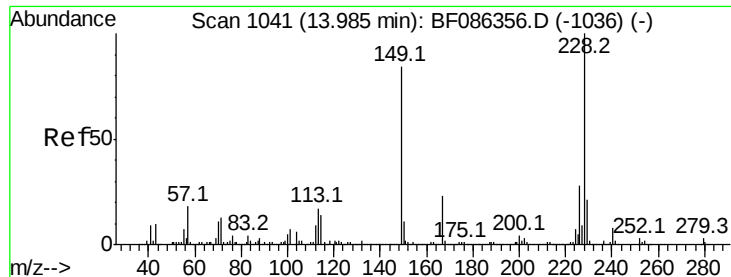
sohil
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#82
 Chrysene
 Concen: 41.49 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: BF086366.D
 Acq: 23 Apr 2016 2:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.4	36.6
229	19.4	15.8	23.8





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.49 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BF086366.D

Acq: 23 Apr 2016 2:53

Instrument :

BNA_F

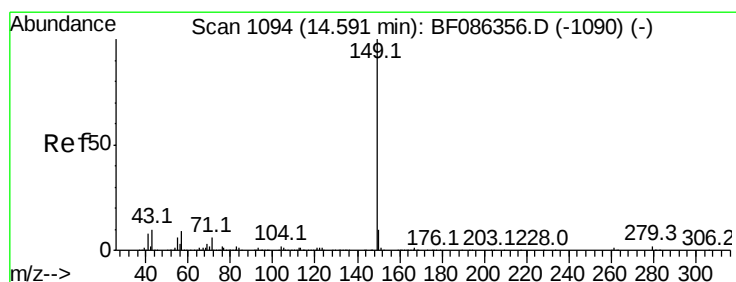
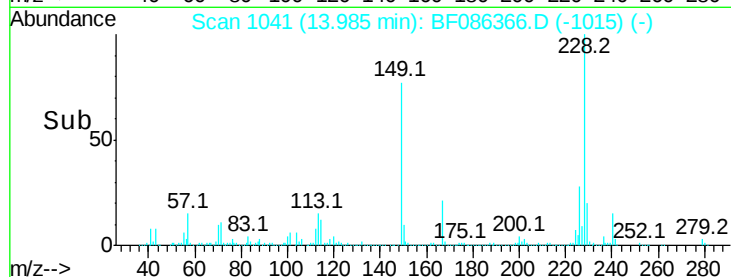
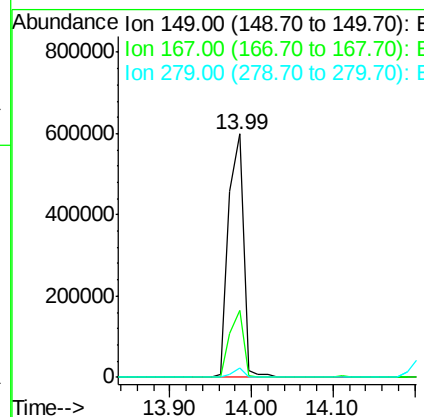
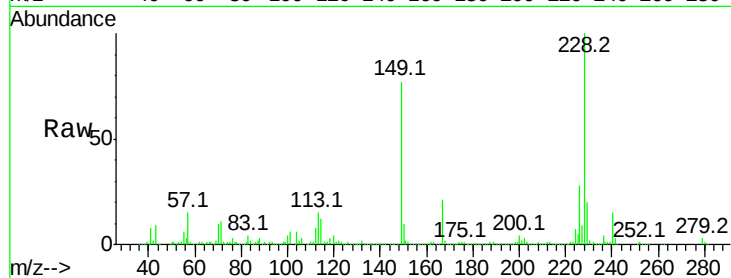
ClientSampleId :

PB89976BS

Tot Ion:	149	Resp:	757558
Ion Ratio	Lower	Upper	
149	100		
167	27.4	21.8	32.6
279	3.7	2.6	4.0

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 41.67 ng

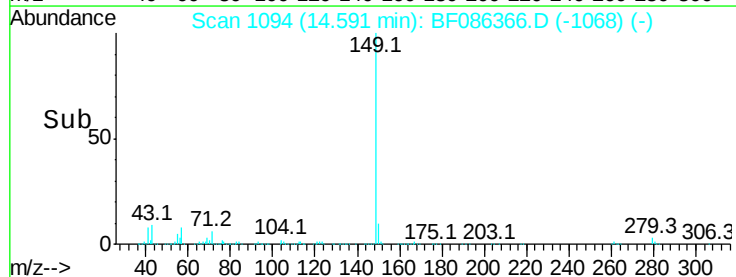
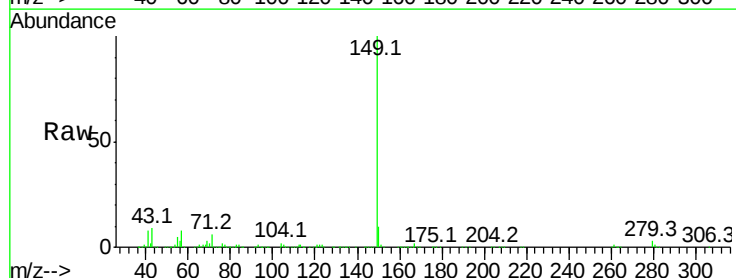
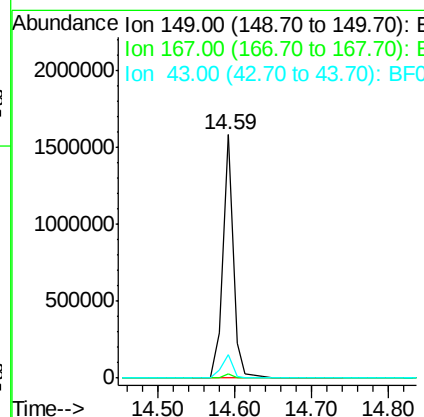
RT: 14.59 min Scan# 1094

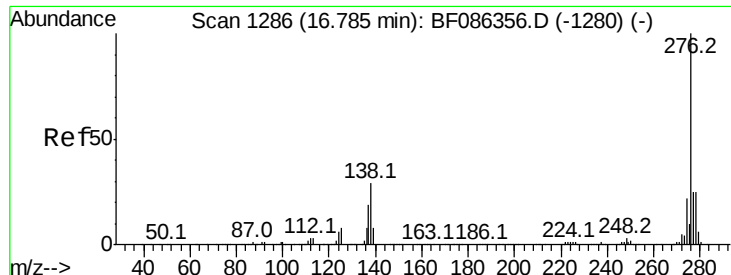
Delta R.T. -0.00 min

Lab File: BF086366.D

Acq: 23 Apr 2016 2:53

Tgt Ion:	149	Resp:	1496770
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	10.0	8.2	12.4





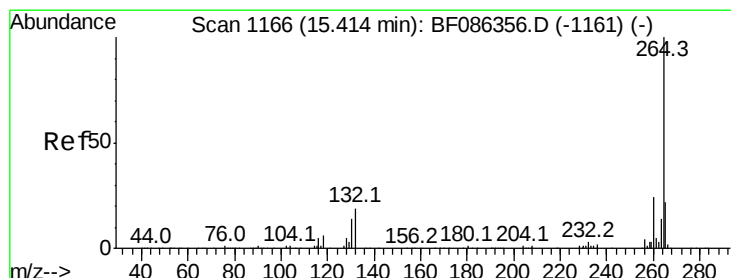
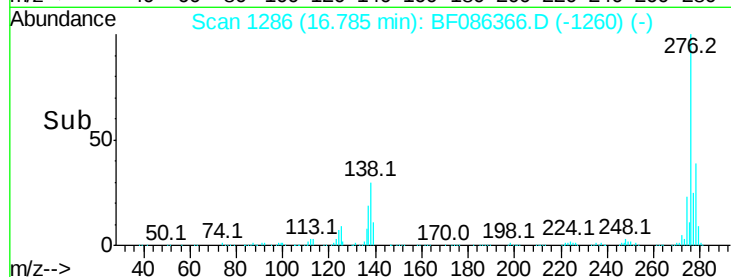
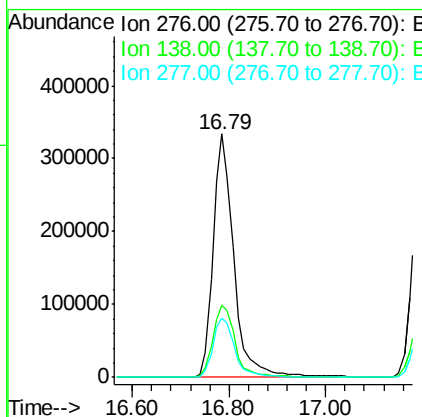
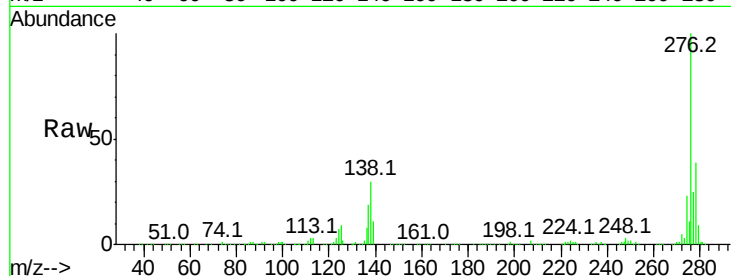
#85
Indeno(1,2,3-cd)pyrene
Concen: 37.54 ng
RT: 16.79 min Scan# 1286
Delta R.T. -0.00 min
Lab File: BF086366.D
Acq: 23 Apr 2016 2:53

Instrument :
BNA_F
ClientSampleId :
PB89976BS

Tot Ion:276 Resp: 1003770
Ion Ratio Lower Upper
276 100
138 32.3 25.6 38.4
277 25.9 20.5 30.7

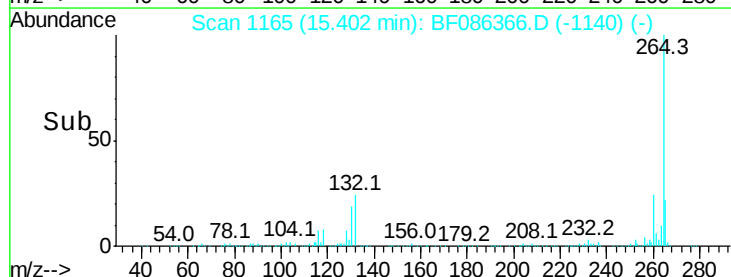
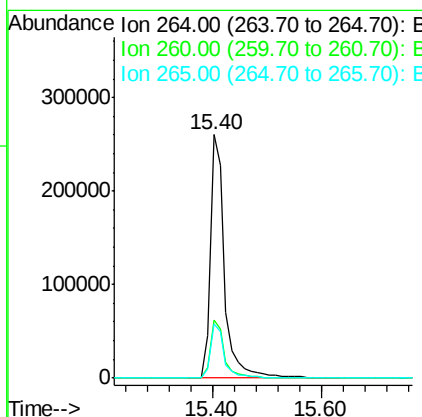
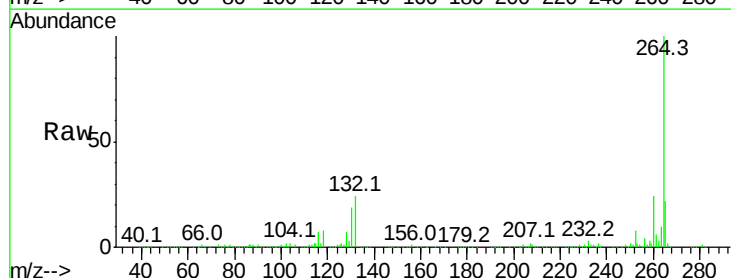
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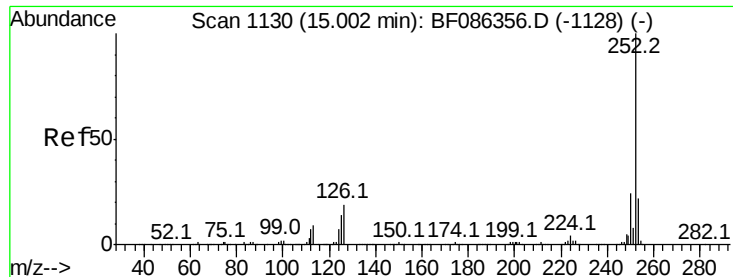
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF086366.D
Acq: 23 Apr 2016 2:53

Tgt Ion:264 Resp: 476685
Ion Ratio Lower Upper
264 100
260 24.0 19.5 29.3
265 22.1 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 37.12 ng m

RT: 15.00 min Scan# 1130

Delta R.T. -0.00 min

Lab File: BF086366.D

Acq: 23 Apr 2016 2:53

Instrument :

BNA_F

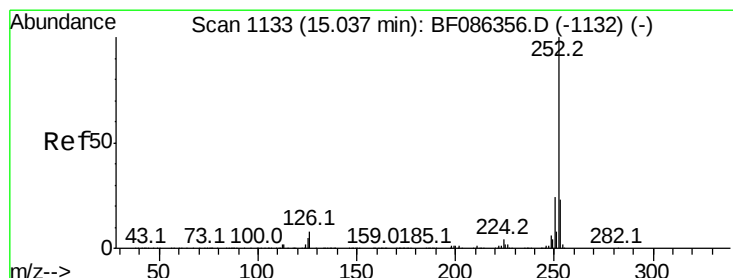
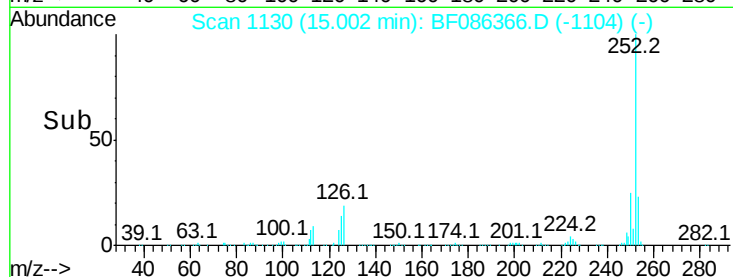
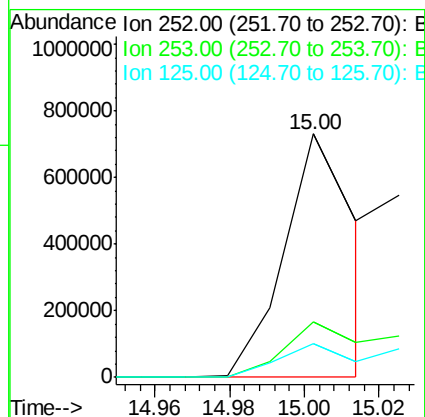
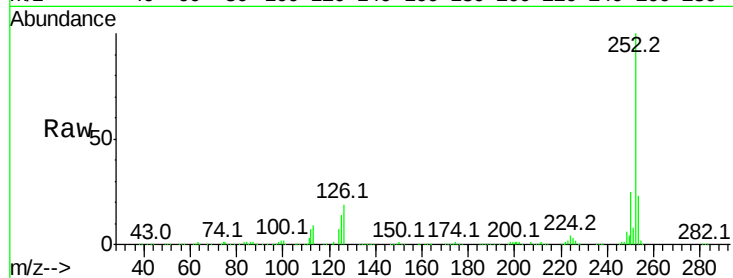
ClientSampleId :

PB89976BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.6
125	13.7	11.4	17.0

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#88

Benzo(k)fluoranthene

Concen: 46.96 ng m

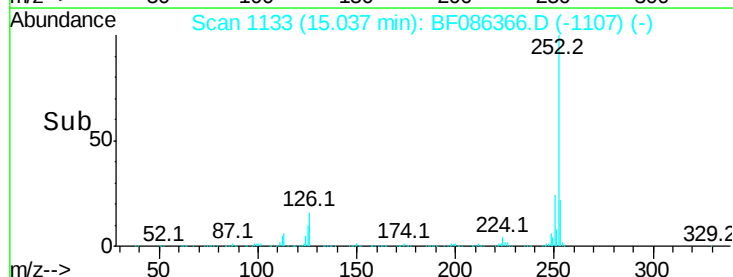
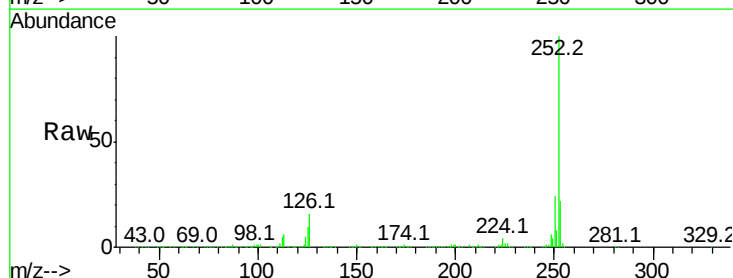
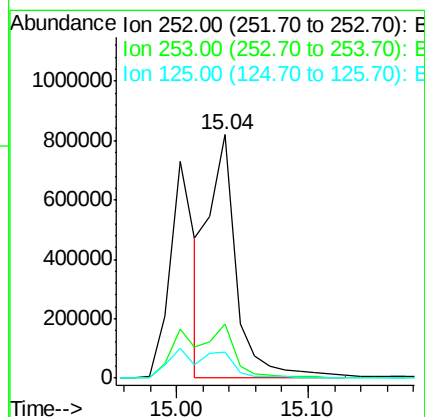
RT: 15.04 min Scan# 1133

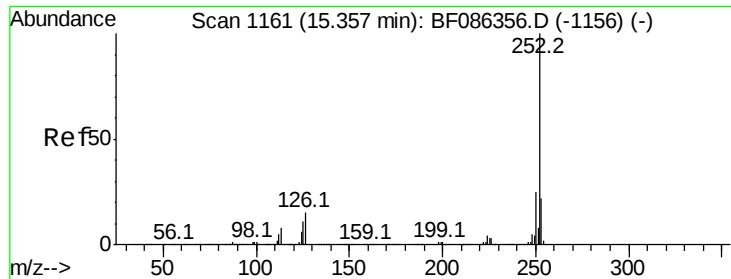
Delta R.T. 0.00 min

Lab File: BF086366.D

Acq: 23 Apr 2016 2:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	10.4	9.1	13.7





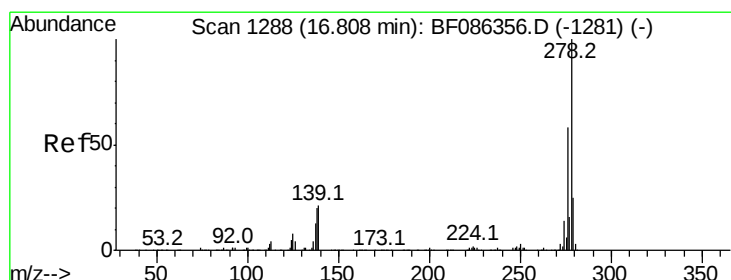
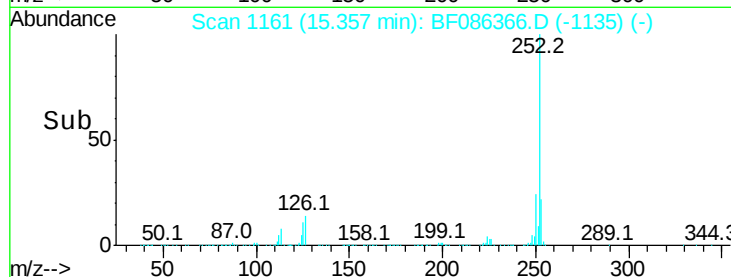
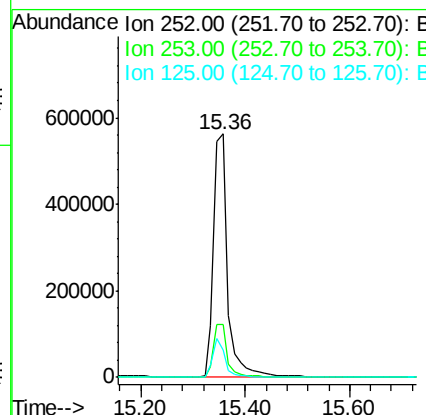
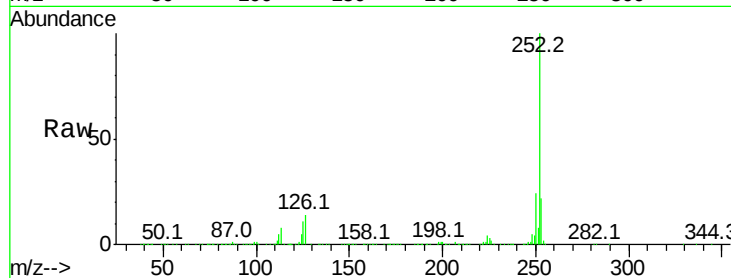
#89
Benzo(a)pyrene
Concen: 40.73 ng
RT: 15.36 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BF086366.D
Acq: 23 Apr 2016 2:53

Instrument :
BNA_F
ClientSampleId :
PB89976BS

Tot Ion:252 Resp: 1051202
Ion Ratio Lower Upper
252 100
253 21.7 17.2 25.8
125 11.0 9.0 13.6

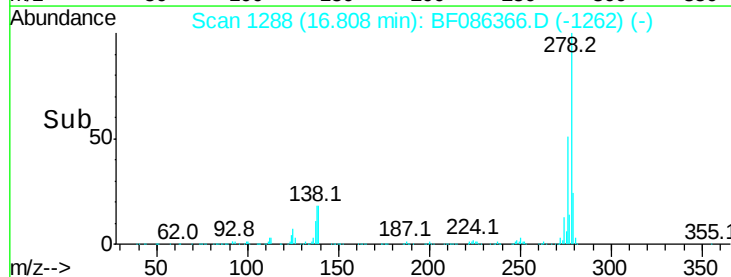
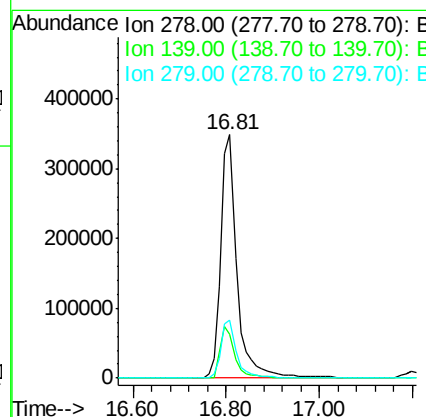
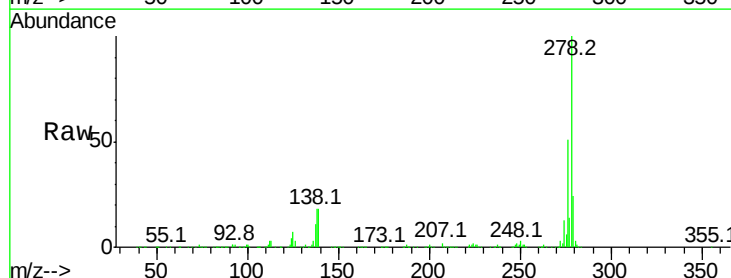
Manual Integrations
APPROVED

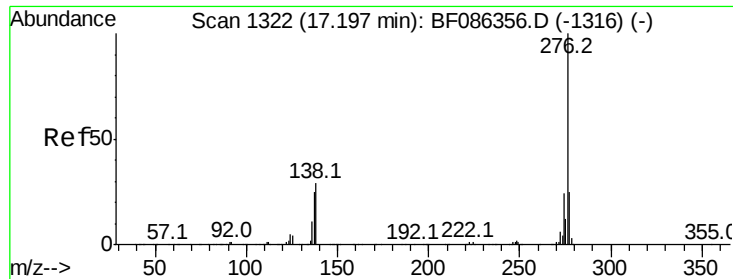
sohil
4/25/2016 12:35:45 PM



#90
Dibenzo(a,h)anthracene
Concen: 39.28 ng
RT: 16.81 min Scan# 1288
Delta R.T. -0.00 min
Lab File: BF086366.D
Acq: 23 Apr 2016 2:53

Tgt Ion:278 Resp: 836386
Ion Ratio Lower Upper
278 100
139 18.3 16.6 24.8
279 24.0 19.6 29.4





#91
 Benzo(a,h,i)perylene
 Concen: 38.87 ng
 RT: 17.20 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: BF086366.D
 Acq: 23 Apr 2016 2:53

Instrument :
 BNA_F
 ClientSampleId :
 PB89976BS

Tot Ion	Ratio	Resp	Lower	Upper
276	100	854288		
277	23.0		19.6	29.4
138	27.7		23.6	35.4

Manual Integrations
 APPROVED

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

