

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051016\
 Data File : BF086865.D
 Acq On : 10 May 2016 17:47
 Operator : UM/SJ
 Sample : PB90444BSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90444BSD

Manual Integrations
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 5/11/2016 8:15:38 PM

Quant Time: May 11 04:51:46 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 09 16:04:56 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	152985	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	653752	20.00	ng	-0.01
38) Acenaphthene-d10	9.72	164	314810	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	568626	20.00	ng	-0.01
75) Chrysene-d12	13.84	240	395066	20.00	ng	0.00
86) Perylene-d12	15.20	264	372565	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	753342	83.39	ng	0.00
7) Phenol-d6	6.35	99	1034623	85.70	ng	-0.01
23) Nitrobenzene-d5	7.26	82	1019715	78.32	ng	0.00
41) 2,4,6-Tribromophenol	10.51	330	258073	77.43	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	1613404	86.13	ng	0.00
78) Terphenyl-d14	12.78	244	1524077	81.85	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.26	88	131744	29.71	ng	# 70
3) Pyridine	2.92	79	376605	34.74	ng	# 68
4) n-Nitrosodimethylamine	2.88	42	293037	37.27	ng	# 50
6) Aniline	6.35	93	309737	21.21	ng	# 19
8) 2-Chlorophenol	6.48	128	427404	39.21	ng	94
9) Benzaldehyde	6.24	77	39699	5.68	ng	95
10) Phenol	6.36	94	546906	38.11	ng	79
11) bis(2-Chloroethyl)ether	6.43	93	431005m	38.52	ng	
12) 1,3-Dichlorobenzene	6.62	146	441810	37.45	ng	98
13) 1,4-Dichlorobenzene	6.70	146	442981	36.82	ng	98
14) 1,2-Dichlorobenzene	6.85	146	401580	38.30	ng	97
15) Benzyl Alcohol	6.85	79	359236	43.09	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.98	45	903094	37.12	ng	97
17) 2-Methylphenol	6.97	107	351161	40.48	ng	# 84
18) Hexachloroethane	7.20	117	172217	38.05	ng	# 88
19) n-Nitroso-di-n-propylamine	7.12	70	353123	41.85	ng	# 74
20) 3+4-Methylphenols	7.13	107	470243	41.51	ng	# 61
22) Acetophenone	7.10	105	599227	38.81	ng	98
24) Nitrobenzene	7.28	77	471413	35.20	ng	96
25) Isophorone	7.52	82	863405	35.74	ng	99
26) 2-Nitrophenol	7.60	139	230548	39.16	ng	# 83
27) 2,4-Dimethylphenol	7.65	122	385208	38.41	ng	95
28) bis(2-Chloroethoxy)methane	7.73	93	522007	40.06	ng	99
29) 2,4-Dichlorophenol	7.85	162	358069	40.57	ng	96
30) 1,2,4-Trichlorobenzene	7.92	180	374633	37.96	ng	97
31) Naphthalene	8.00	128	1255576	38.34	ng	99
32) Benzoic acid	7.80	122	206542	35.07	ng	# 82
33) 4-Chloroaniline	8.06	127	129249	10.16	ng	97
34) Hexachlorobutadiene	8.11	225	202492	35.36	ng	98
35) Caprolactam	8.43	113	113479m	37.79	ng	
36) 4-Chloro-3-methylphenol	8.56	107	383812	35.85	ng	88
37) 2-Methylnaphthalene	8.68	142	764593	39.94	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.85	216	349794	38.22	ng	# 97
40) Hexachlorocyclopentadiene	8.84	237	388433	89.41	ng	95

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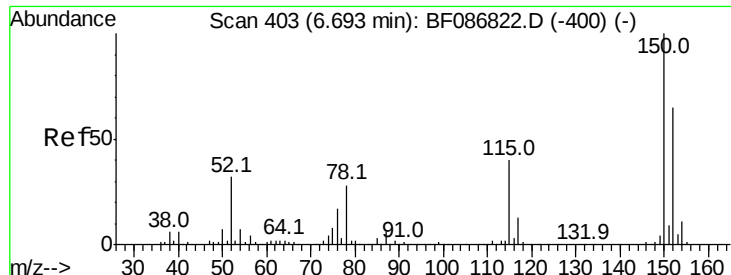
Manual Integrations
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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	242046	39.55	nq	92
43) 2,4,5-Trichlorophenol	9.02	196	261263	41.28	nq	# 93
45) 1,1'-Biphenyl	9.15	154	966766	38.61	nq	97
46) 2-Chloronaphthalene	9.17	162	741913	37.82	nq	94
47) 2-Nitroaniline	9.29	65	277239	38.67	nq	92
48) Acenaphthylene	9.58	152	1082887	37.53	nq	99
49) Dimethylphthalate	9.46	163	899723	37.46	nq	99
50) 2,6-Dinitrotoluene	9.53	165	215011	42.54	nq	# 80
51) Acenaphthene	9.76	154	706748	39.37	nq	98
52) 3-Nitroaniline	9.70	138	90420	16.99	nq	96
53) 2,4-Dinitrophenol	9.80	184	201661	78.26	nq	# 70
54) Dibenzofuran	9.93	168	934066	40.54	nq	93
55) 4-Nitrophenol	9.88	139	243146	69.18	nq	# 51
56) 2,4-Dinitrotoluene	9.93	165	241856	38.66	nq	# 74
57) Fluorene	10.27	166	777928	39.59	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.05	232	210451	44.16	nq	98
59) Diethylphthalate	10.16	149	830780	35.50	nq	99
60) 4-Chlorophenyl-phenylether	10.27	204	368510	42.51	nq	# 76
61) 4-Nitroaniline	10.32	138	212817	41.64	nq	84
62) Azobenzene	10.42	77	1030567	40.81	nq	82
64) 4,6-Dinitro-2-methylphenol	10.34	198	154453	43.72	nq	91
65) n-Nitrosodiphenylamine	10.38	169	686847	39.32	nq	100
66) 4-Bromophenyl-phenylether	10.75	248	228316	39.60	nq	99
67) Hexachlorobenzene	10.82	284	278557	41.34	nq	97
68) Atrazine	10.92	200	231164	39.61	nq	95
69) Pentachlorophenol	11.01	266	262060	84.16	nq	98
70) Phenanthrene	11.23	178	1274151	41.99	nq	100
71) Anthracene	11.28	178	1154786	37.21	nq	100
72) Carbazole	11.44	167	1016251	38.09	nq	98
73) Di-n-butylphthalate	11.77	149	1284607	39.43	nq	# 98
74) Fluoranthene	12.41	202	1228357	39.36	nq	97
76) Benzidine	12.54	184	204890	20.34	nq	95
77) Pyrene	12.64	202	1298364	42.93	nq	100
79) Butylbenzylphthalate	13.27	149	589013	46.04	nq	95
80) Benzo(a)anthracene	13.81	228	948400	42.76	nq	99
81) 3,3'-Dichlorobenzidine	13.79	252	237008	16.82	nq	# 97
82) Chrysene	13.86	228	1053833	46.71	nq	100
83) Bis(2-ethylhexyl)phthalate	13.83	149	731749	47.55	nq	# 99
84) Di-n-octyl phthalate	14.43	149	1279712	50.20	nq	# 84
85) Indeno(1,2,3-cd)pyrene	16.49	276	782916	41.71	nq	96
87) Benzo(b)fluoranthene	14.82	252	1139465m	47.06	nq	
88) Benzo(k)fluoranthene	14.85	252	681399m	34.37	nq	
89) Benzo(a)pyrene	15.15	252	837477	40.10	nq	98
90) Dibenzo(a,h)anthracene	16.50	278	653806	37.14	nq	98
91) Benzo(g,h,i)perylene	16.88	276	644622	36.04	nq	94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.68 min Scan# 402

Delta R.T. -0.01 min

Lab File: BF086865.D

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Instrument :

BNA_F

ClientSampleId :

PB90444BSD

Tot Ion:152 Resp: 152985

Ion Ratio Lower Upper

152 100

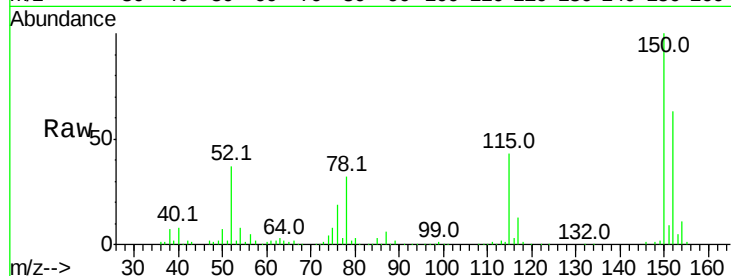
150 159.5 125.8 188.6

115 68.9 51.5 77.3

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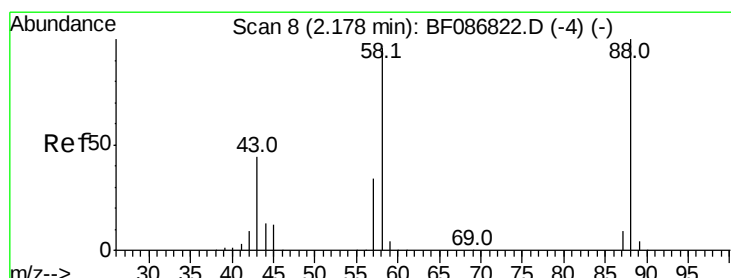
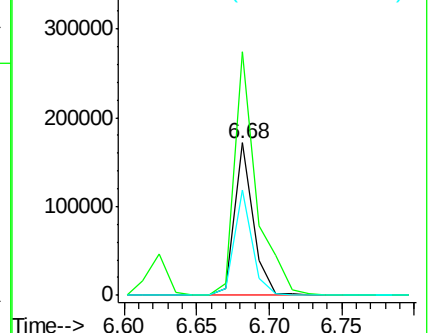
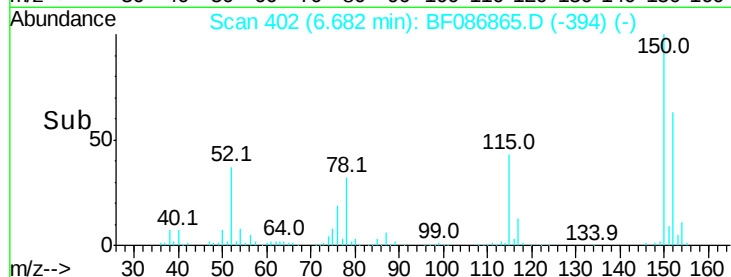
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 29.71 ng

RT: 2.26 min Scan# 15

Delta R.T. 0.08 min

Lab File: BF086865.D

Acq: 10 May 2016 17:47

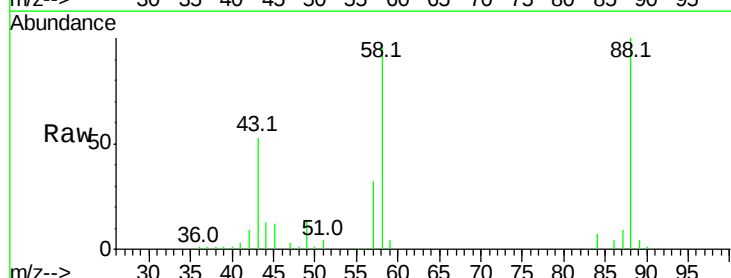
Tgt Ion: 88 Resp: 131744

Ion Ratio Lower Upper

88 100

58 97.6 59.6 89.4#

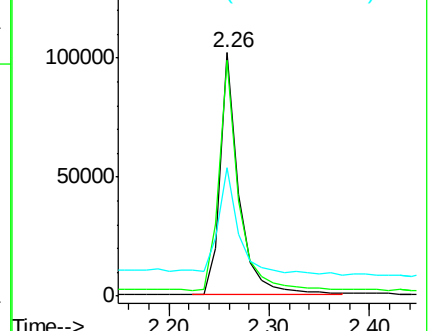
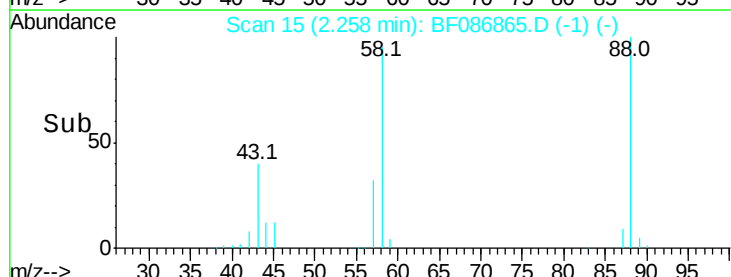
43 47.2 21.8 32.6#

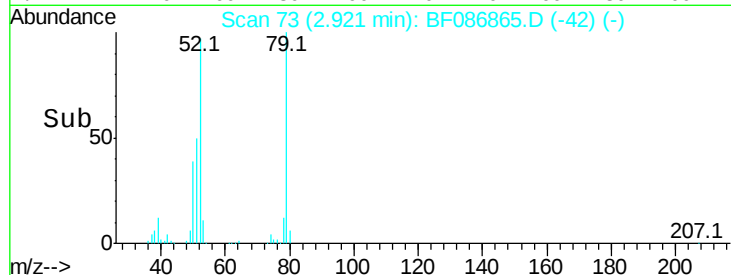
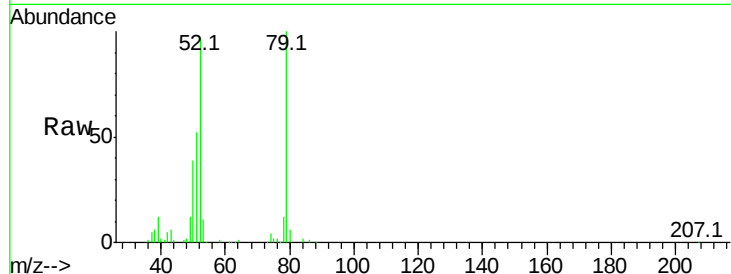
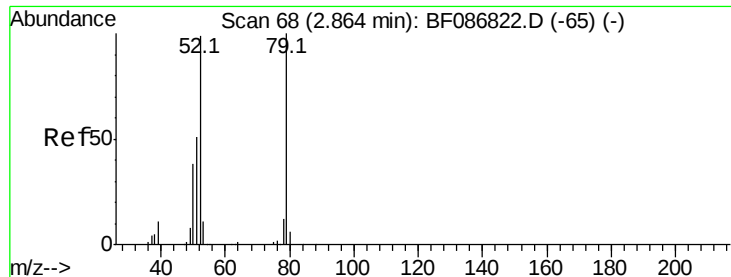


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





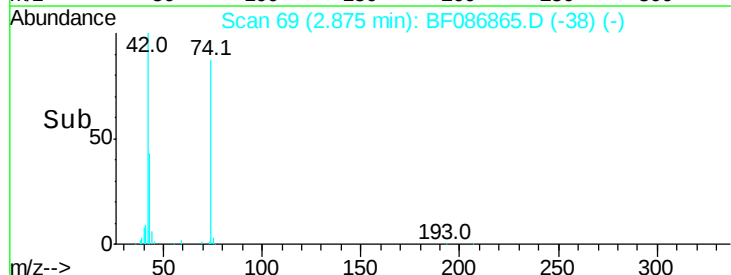
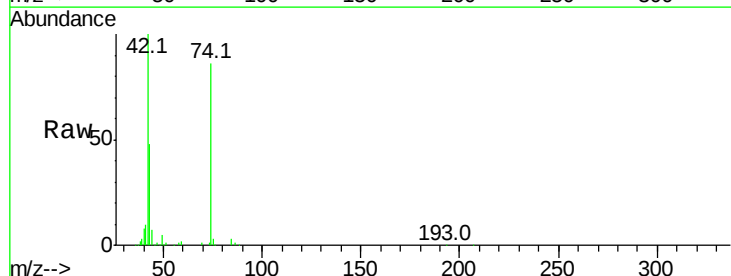
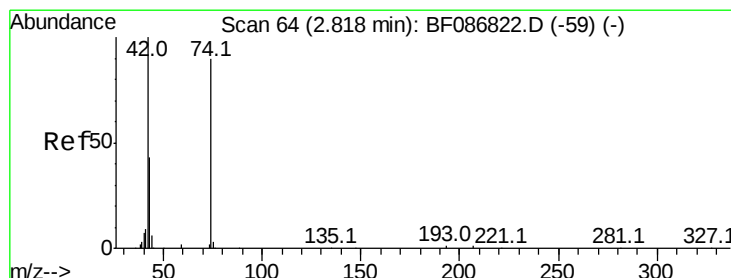
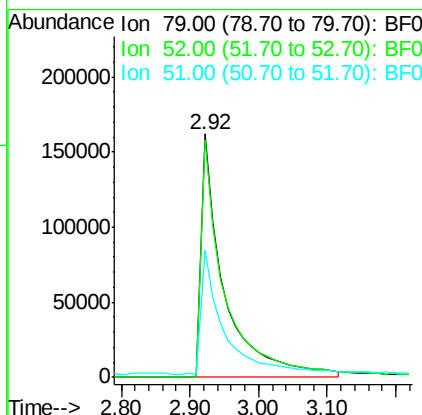
#3
Pvridine
Concen: 34.74 ng
RT: 2.92 min Scan# 73
Delta R.T. 0.06 min
Lab File: BF086865.D
Acq: 10 May 2016 17:47

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
52	97.3	55.9	83.9#	
51	52.2	28.1	42.1#	

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PB90444BSD

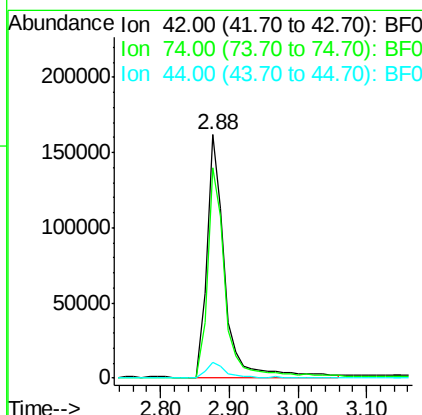
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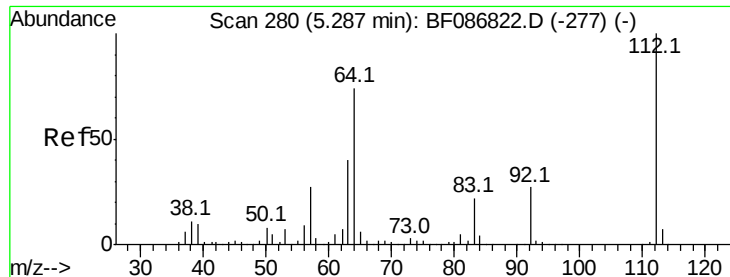
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#4
n-Nitrosodimethylamine
Concen: 37.27 ng
RT: 2.88 min Scan# 69
Delta R.T. 0.06 min
Lab File: BF086865.D
Acq: 10 May 2016 17:47

Tgt Ion	Ratio	Resp	Lower	Upper
42	100			
74	86.2	123.4	185.0#	
44	6.6	5.8	8.6	





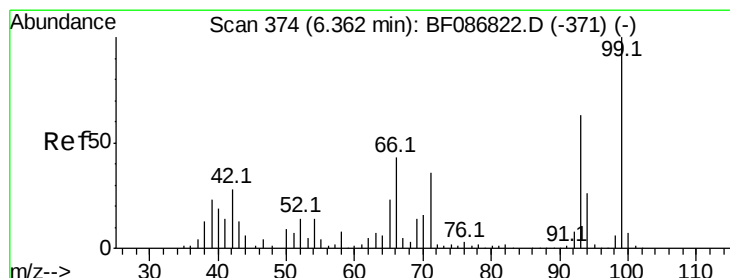
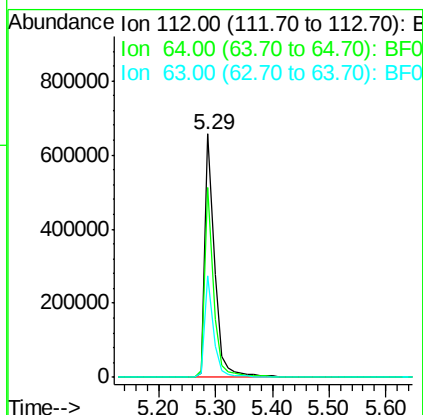
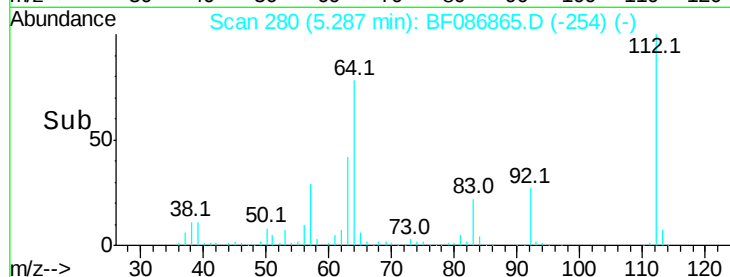
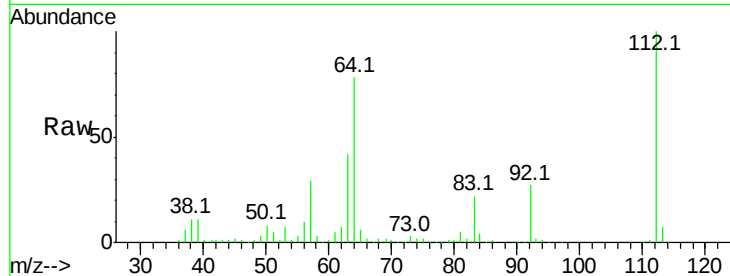
#5
2-Fluorophenol
Concen: 83.39 ng
RT: 5.29 min Scan# 280
Delta R.T. 0.00 min
Lab File: BF086865.D
Acq: 10 May 2016 17:47

Instrument :
BNA_F
ClientSampleId :
PB90444BSD

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	77.7	52.1	78.1
63	41.8	25.7	38.5#

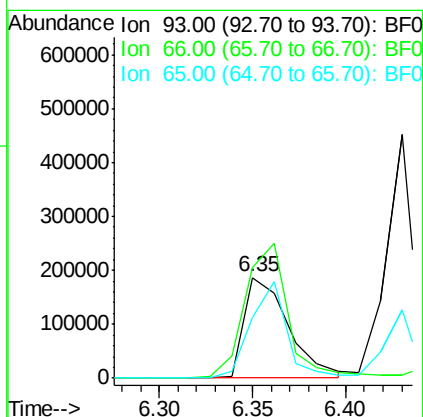
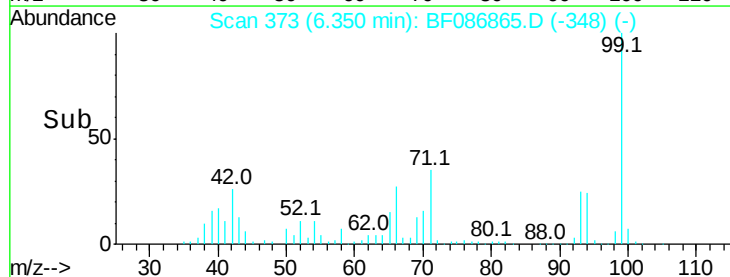
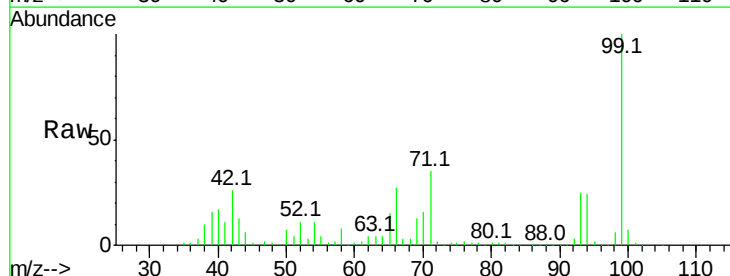
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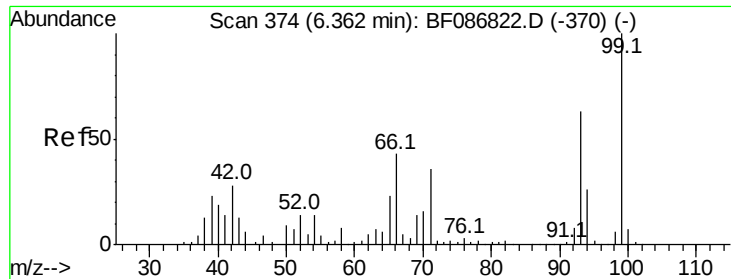
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#6
Aniline
Concen: 21.21 ng
RT: 6.35 min Scan# 373
Delta R.T. -0.01 min
Lab File: BF086865.D
Acq: 10 May 2016 17:47

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	109.2	39.0	58.6#
65	60.2	20.6	31.0#





#7

Phenol-d6

Concen: 85.70 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.01 min

Lab File: BF086865.D

Acq: 10 May 2016 17:47

Instrument :

BNA_F

ClientSampleId :

PB90444BSD

Tot Ion: 99 Resp: 1034623

Ion Ratio Lower Upper

99 100

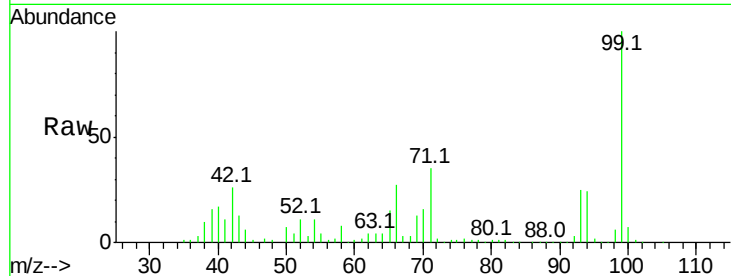
42 25.8 13.6 20.4#

71 35.1 24.6 36.8

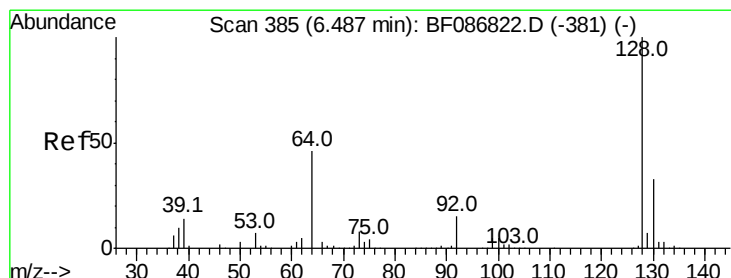
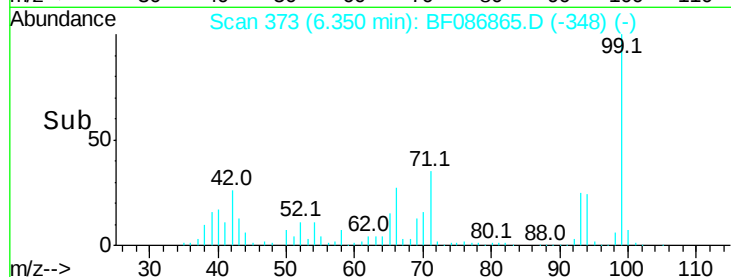
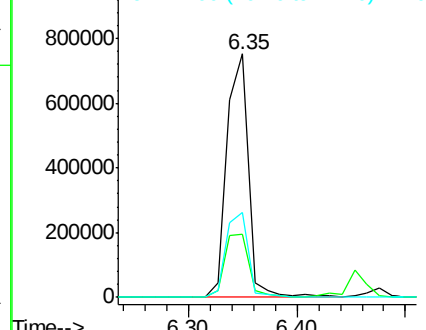
Manual Integrations
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 39.21 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF086865.D

Acq: 10 May 2016 17:47

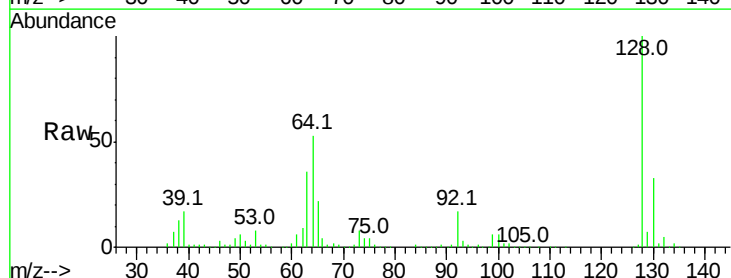
Tgt Ion: 128 Resp: 427404

Ion Ratio Lower Upper

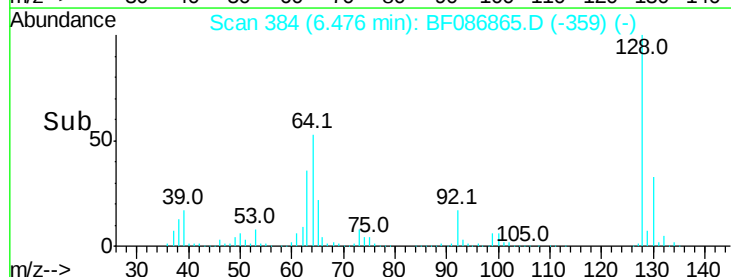
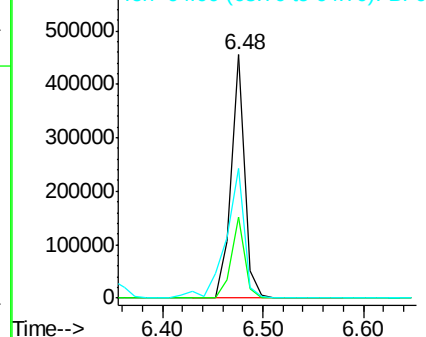
128 100

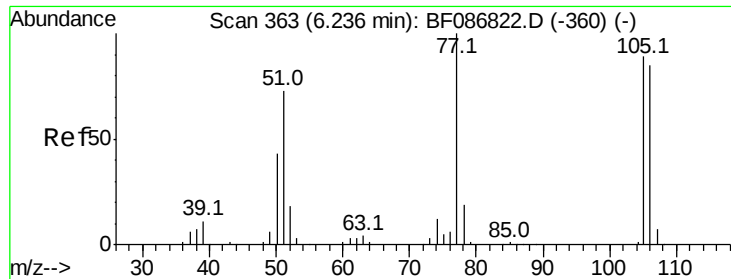
130 33.0 12.5 52.5

64 53.2 27.3 67.3



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





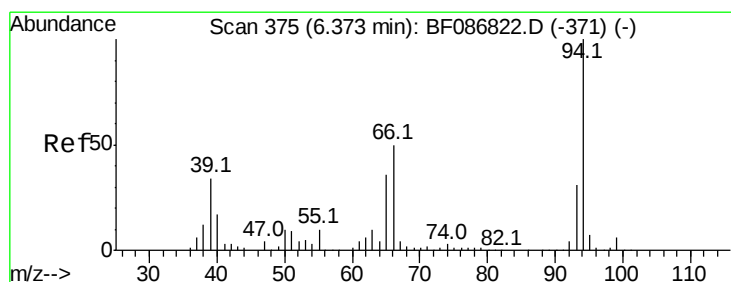
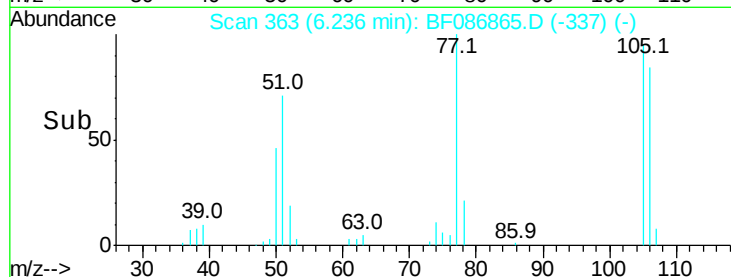
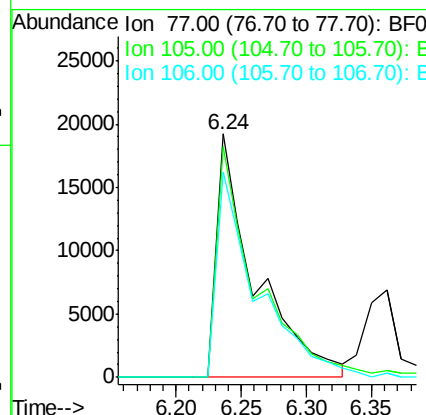
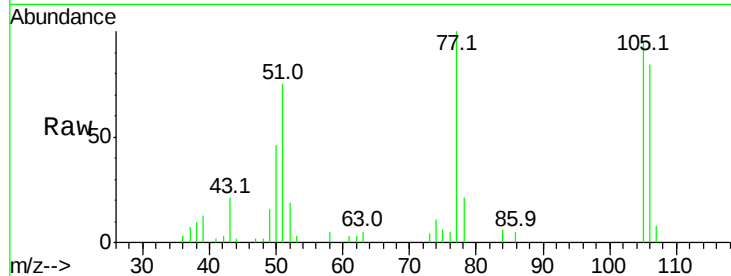
#9
Benzaldehyde
Concen: 5.68 ng
RT: 6.24 min Scan# 363
Delta R.T. -0.00 min
Lab File: BF086865.D
Acq: 10 May 2016 17:47

Instrument :
BNA_F
ClientSampleId :
PB90444BSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	94.7	72.7	112.7
106	84.2	70.8	110.8

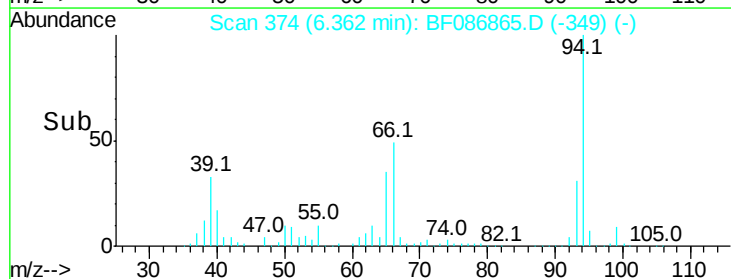
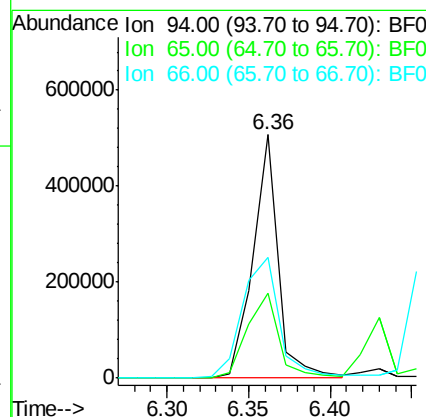
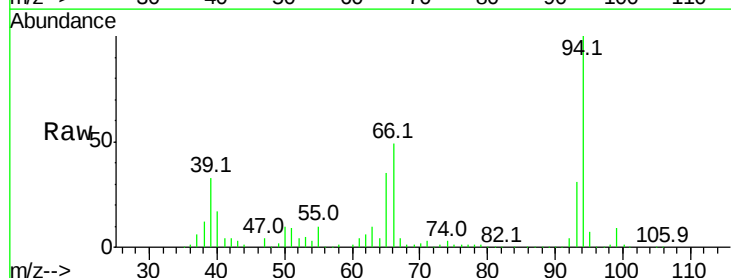
Manual Integrations
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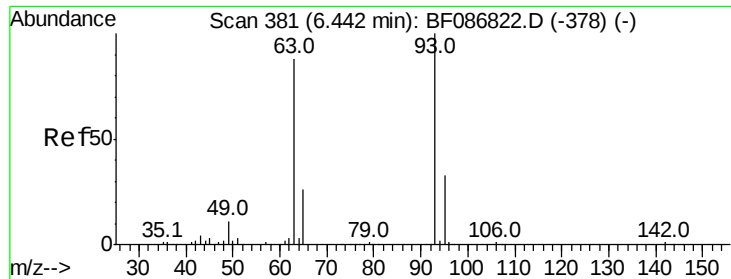
sohil
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#10
Phenol
Concen: 38.11 ng
RT: 6.36 min Scan# 374
Delta R.T. -0.01 min
Lab File: BF086865.D
Acq: 10 May 2016 17:47

Tgt Ion	Ratio	Lower	Upper
94	100		
65	35.1	7.2	47.2
66	49.4	14.9	54.9





#11

bis(2-Chloroethyl)ether

Concen: 38.52 ng/mL

RT: 6.43 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF086865.D

Acq: 10 May 2016 17:47

Instrument :

BNA_F

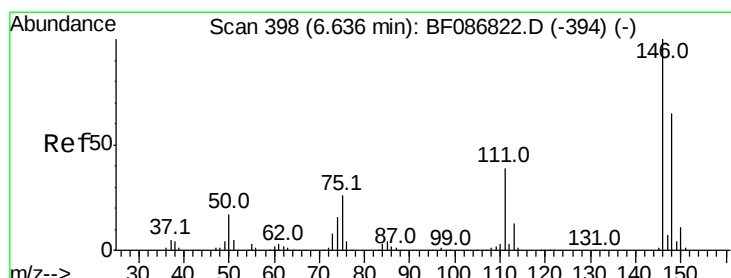
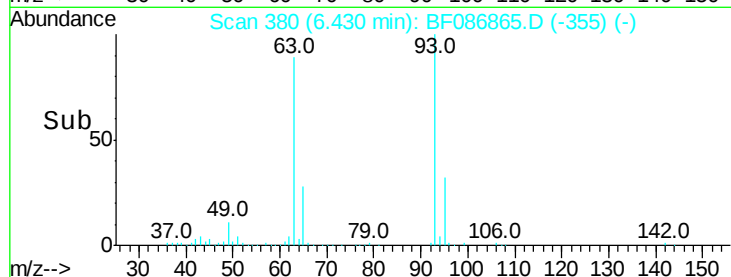
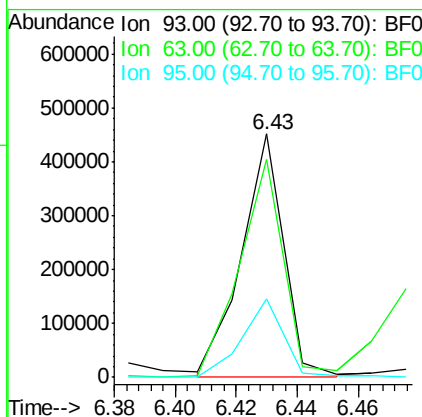
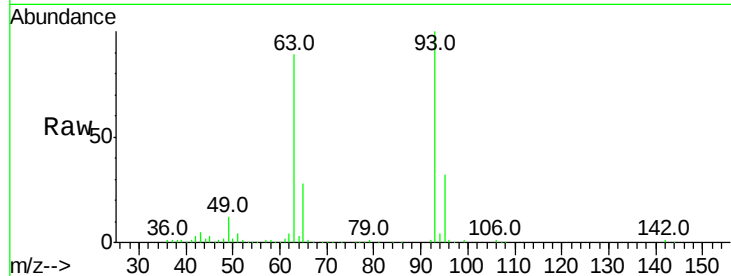
ClientSampleId :

PB90444BSD

Tot Ion	93	Resp	431005
Ion Ratio	100	Lower	Upper
93	100		
63	89.5	58.0	98.0
95	32.4	11.9	51.9

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#12

1,3-Dichlorobenzene

Concen: 37.45 ng/mL

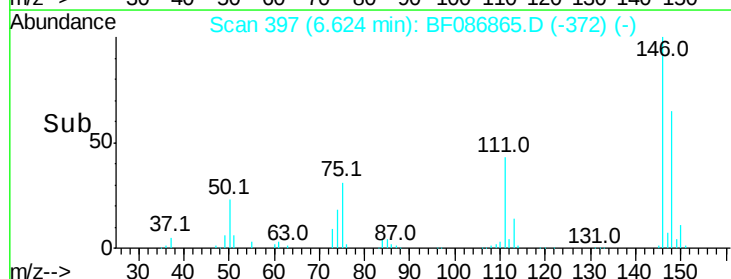
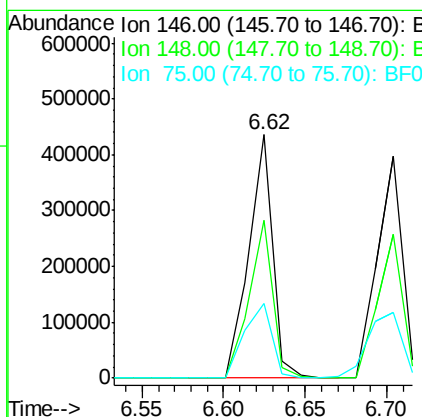
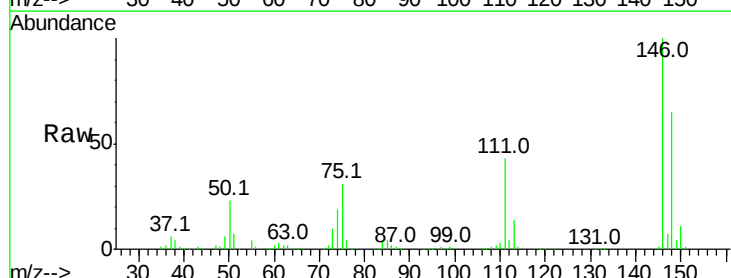
RT: 6.62 min Scan# 397

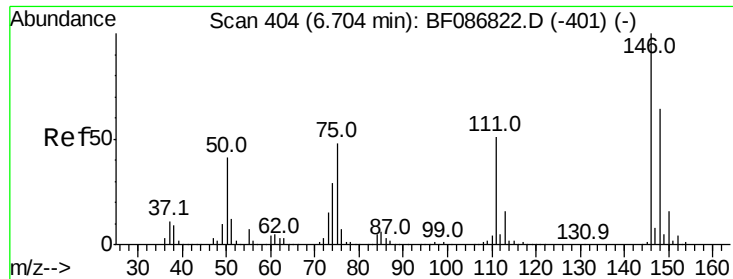
Delta R.T. -0.01 min

Lab File: BF086865.D

Acq: 10 May 2016 17:47

Tgt Ion	146	Resp	441810
Ion Ratio	100	Lower	Upper
146	100		
148	65.0	52.4	78.6
75	30.7	22.8	34.2





#13

1,4-Dichlorobenzene

Concen: 36.82 ng

RT: 6.70 min Scan# 404

Delta R.T. -0.00 min

Lab File: BF086865.D

Acq: 10 May 2016 17:47

Instrument :

BNA_F

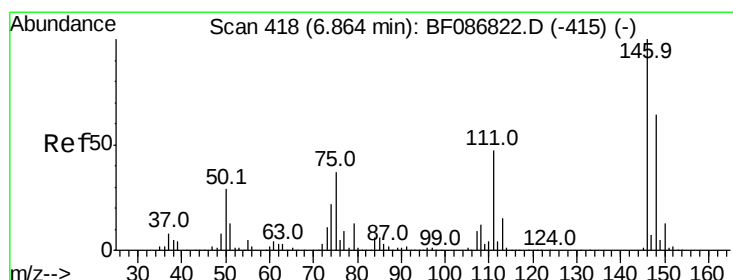
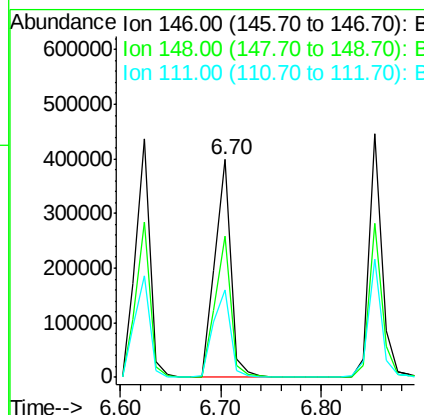
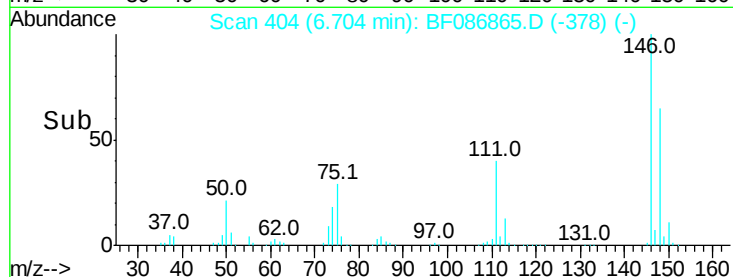
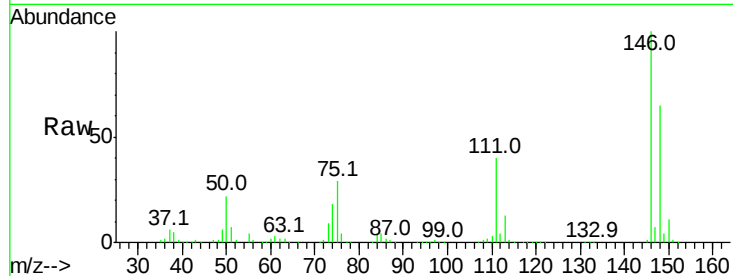
ClientSampleId :

PB90444BSD

Tot Ion:	146	Resp:	442981
Ion Ratio	Lower	Upper	
146	100		
148	64.8	52.2	78.4
111	40.5	30.7	46.1

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#14

1,2-Dichlorobenzene

Concen: 38.30 ng

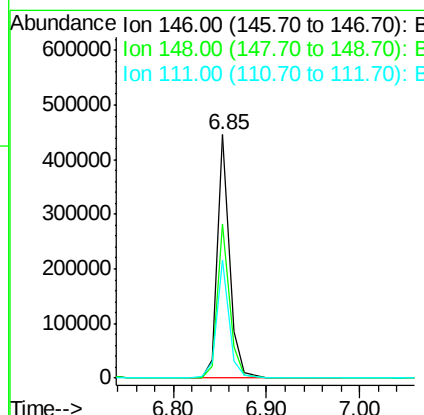
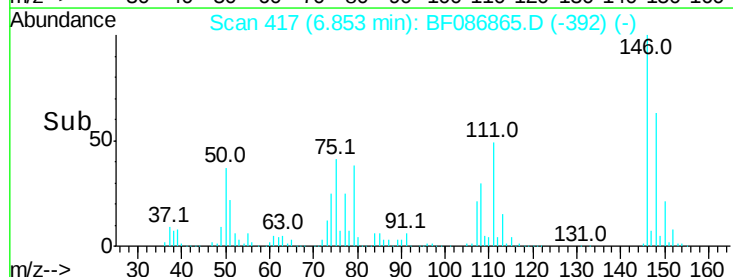
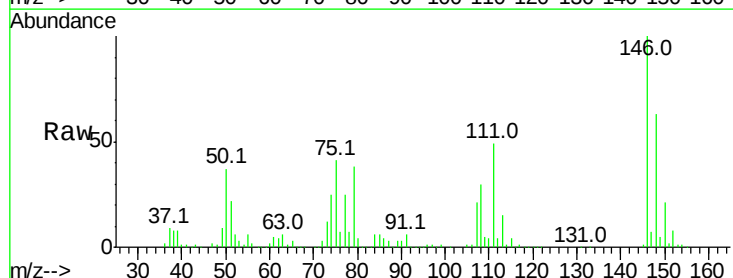
RT: 6.85 min Scan# 417

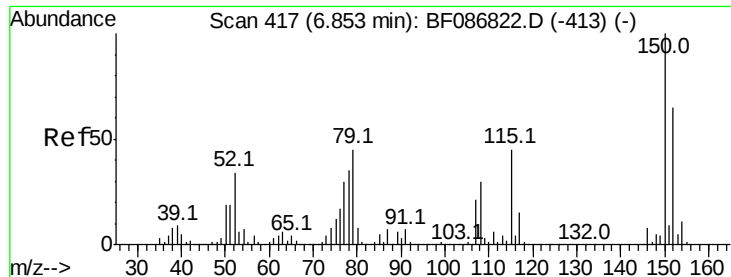
Delta R.T. -0.01 min

Lab File: BF086865.D

Acq: 10 May 2016 17:47

Tgt Ion:	146	Resp:	401580
Ion Ratio	Lower	Upper	
146	100		
148	63.3	51.0	76.6
111	48.7	36.2	54.4





#15

Benzyl Alcohol

Concen: 43.09 ng

RT: 6.85 min Scan# 417

Delta R.T. -0.00 min

Lab File: BF086865.D

Acq: 10 May 2016 17:47

Instrument :

BNA_F

ClientSampled :

PB90444BSD

Tot Ion: 79 Resp: 359236

Ion Ratio Lower Upper

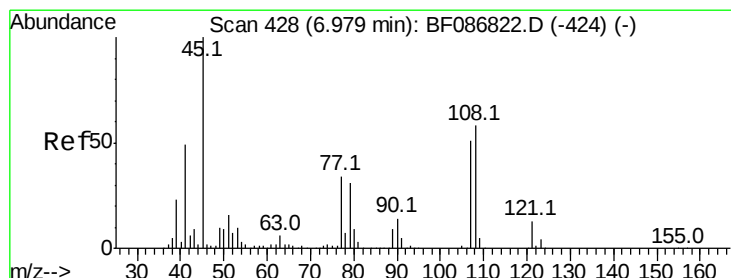
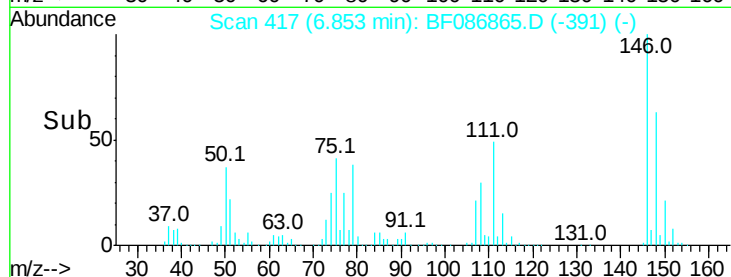
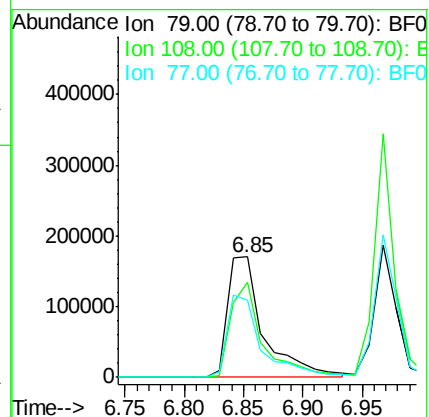
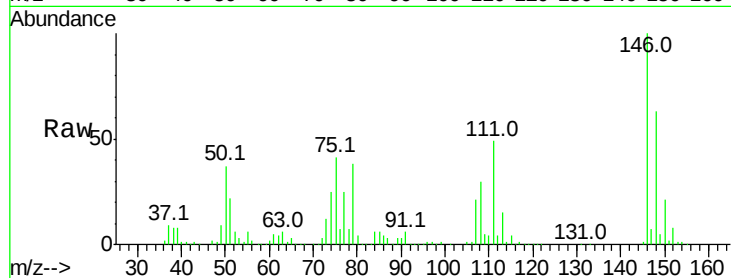
79 100

108 79.0 68.4 102.6

77 64.0 50.6 76.0

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#16

2,2'-oxybis(1-chloropropane)

Concen: 37.12 ng

RT: 6.98 min Scan# 428

Delta R.T. -0.00 min

Lab File: BF086865.D

Acq: 10 May 2016 17:47

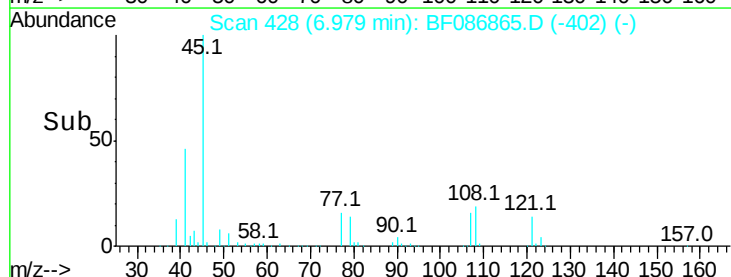
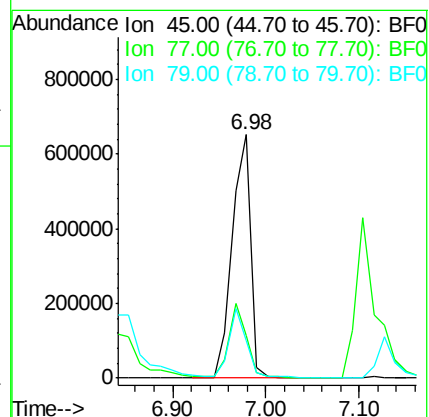
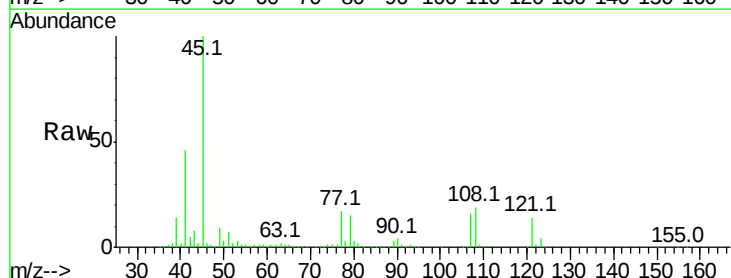
Tgt Ion: 45 Resp: 903094

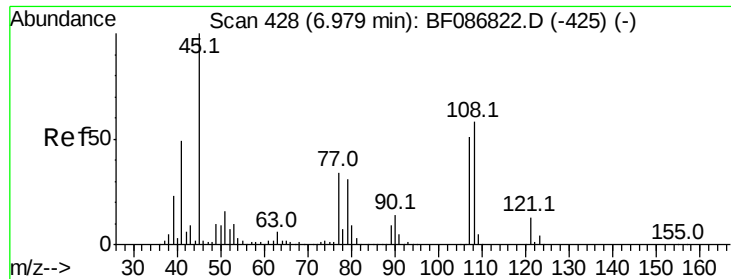
Ion Ratio Lower Upper

45 100

77 17.4 0.0 36.4

79 15.2 0.0 33.4





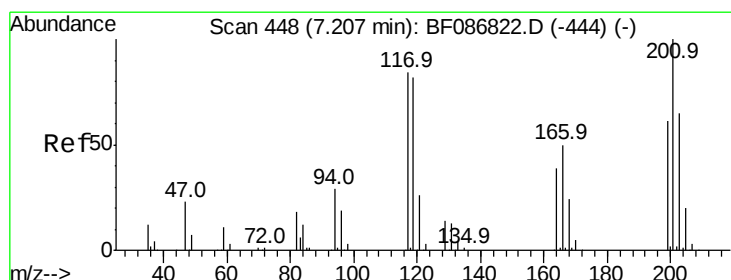
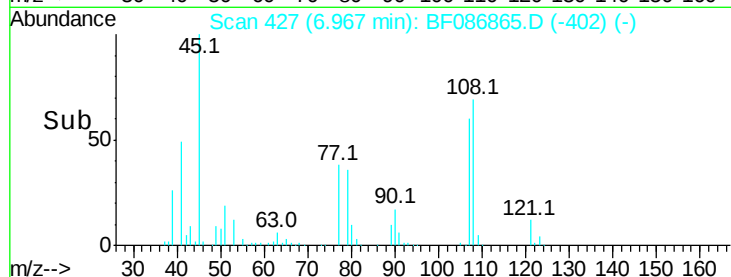
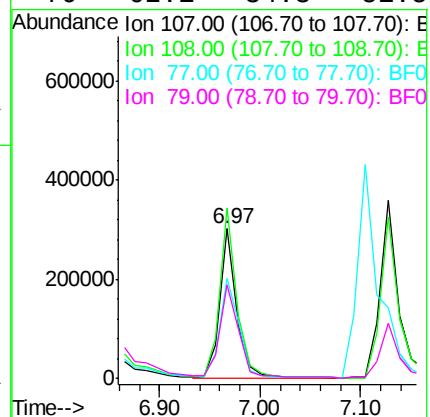
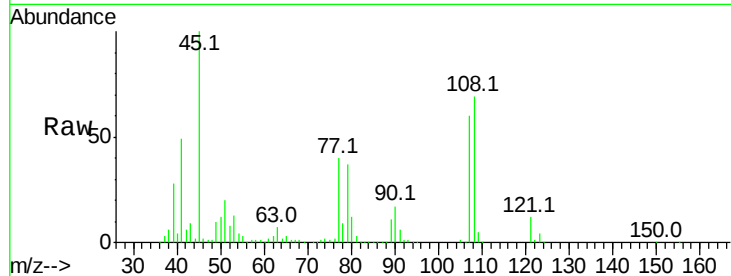
#17
2-Methylphenol
Concen: 40.48 ng
RT: 6.97 min Scan# 427
Delta R.T. -0.01 min
Lab File: BF086865.D
Acq: 10 May 2016 17:47

Instrument :
BNA_F
ClientSampleId :
PB90444BSD

Tot Ion	Ratio	Resp Lower	Upper
107	100		
108	114.0	93.7	140.5
77	66.4	33.4	50.0#
79	62.1	34.3	51.5#

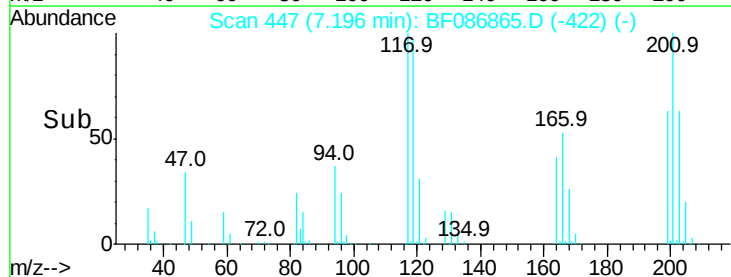
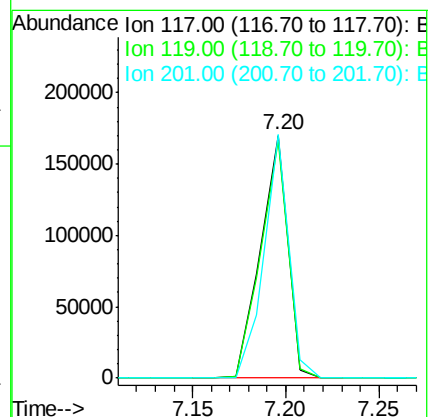
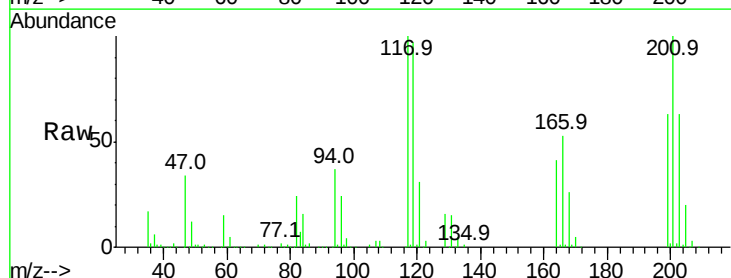
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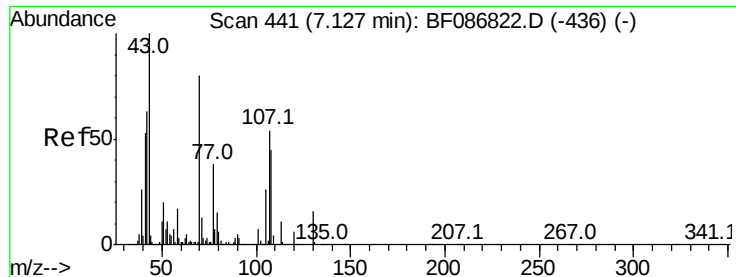
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#18
Hexachloroethane
Concen: 38.05 ng
RT: 7.20 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF086865.D
Acq: 10 May 2016 17:47

Tgt Ion	Ratio	Resp Lower	Upper
117	100		
119	97.5	76.5	114.7
201	100.2	63.0	94.6#





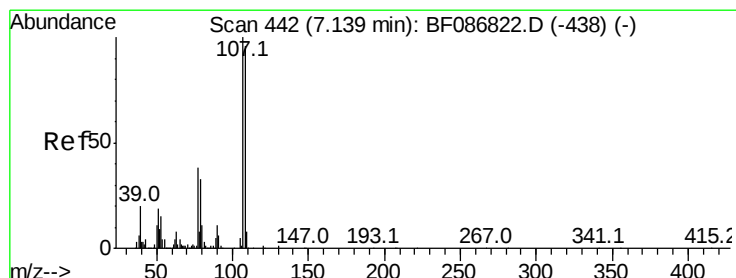
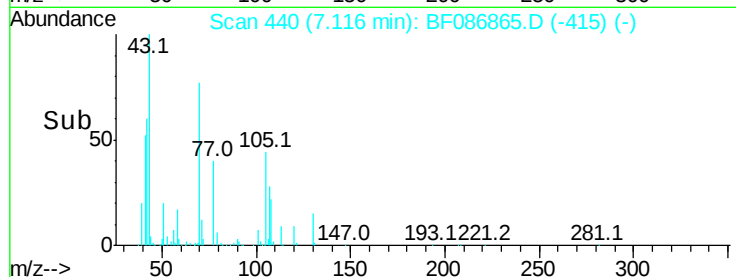
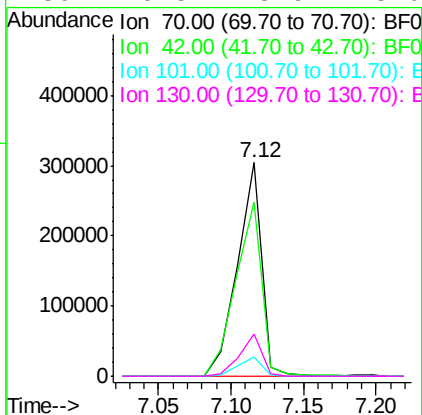
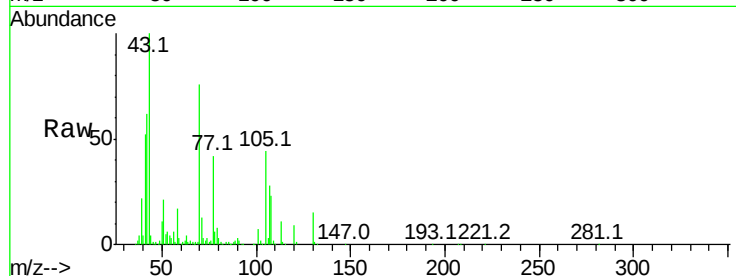
#19
n-Nitroso-di-n-propylamine
Concen: 41.85 ng
RT: 7.12 min Scan# 440
Delta R.T. -0.01 min
Lab File: BF086865.D
Acq: 10 May 2016 17:47

Instrument :
BNA_F
ClientSampleId :
PB90444BSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	81.5	43.1	64.7#
101	9.1	8.1	12.1
130	19.5	18.6	28.0

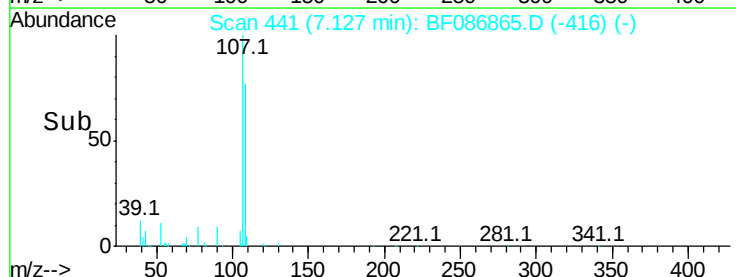
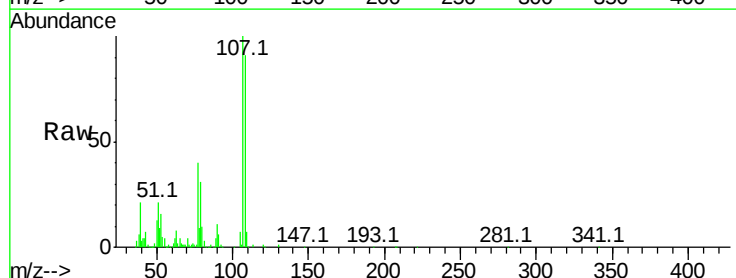
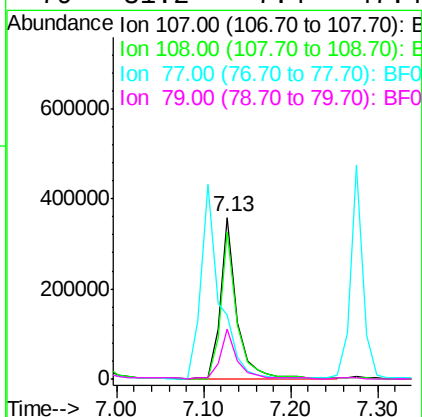
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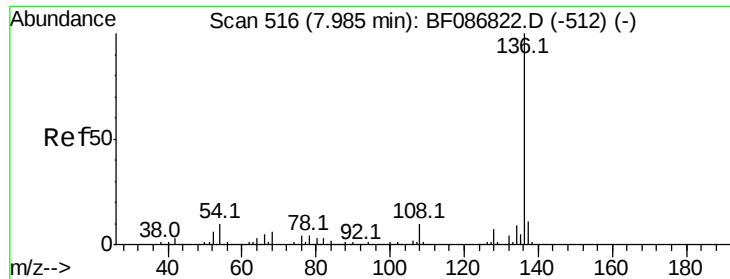
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#20
3+4-Methylphenols
Concen: 41.51 ng
RT: 7.13 min Scan# 441
Delta R.T. -0.01 min
Lab File: BF086865.D
Acq: 10 May 2016 17:47

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.1	68.5	108.5
77	39.6	101.6	141.6#
79	31.2	7.4	47.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.97 min Scan# 515

Delta R.T. -0.01 min

Lab File: BF086865.D

Acq: 10 May 2016 17:47

Instrument :

BNA_F

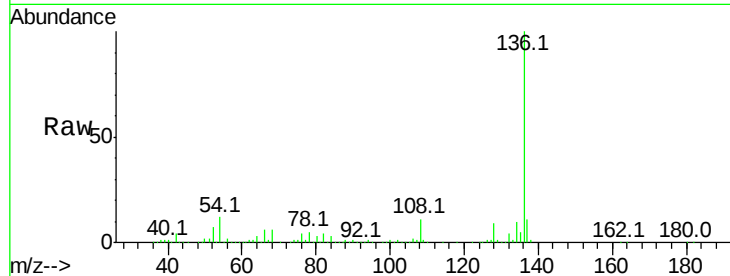
ClientSampleId :

PB90444BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	653752		
137	11.2	8.8	13.2	
54	11.6	5.0	7.4	
68	6.1	4.4	6.6	

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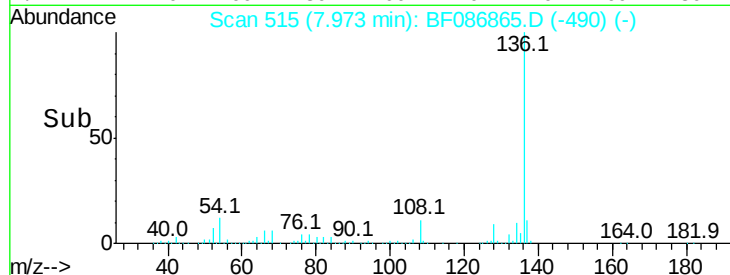
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

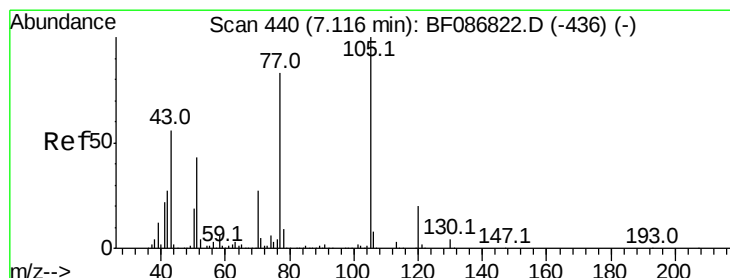
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

Time-->



Time-->



#22

Acetophenone

Concen: 38.81 ng

RT: 7.10 min Scan# 439

Delta R.T. -0.01 min

Lab File: BF086865.D

Acq: 10 May 2016 17:47

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	599227		
71	5.0	4.8	7.2	
51	42.0	32.6	49.0	
120	20.6	16.5	24.7	

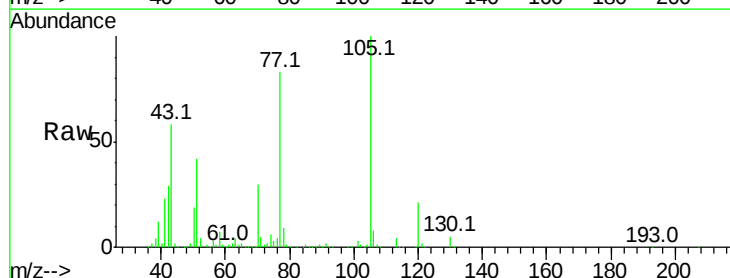
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

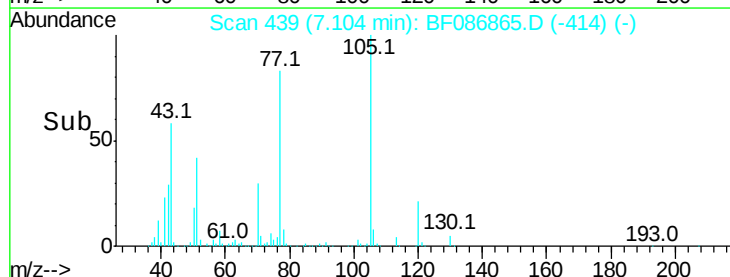
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

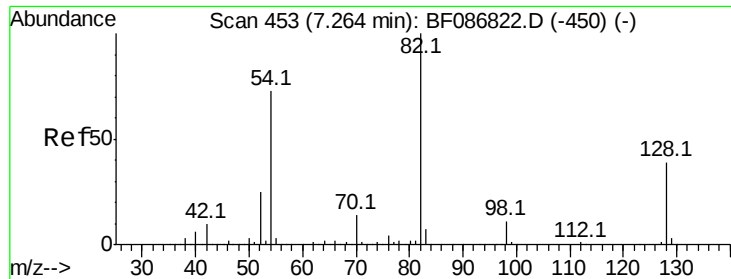
Time-->



Time-->



Time-->



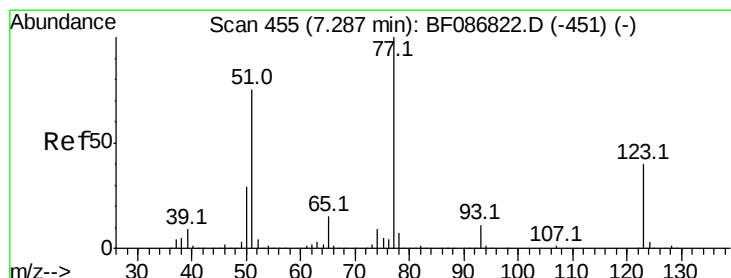
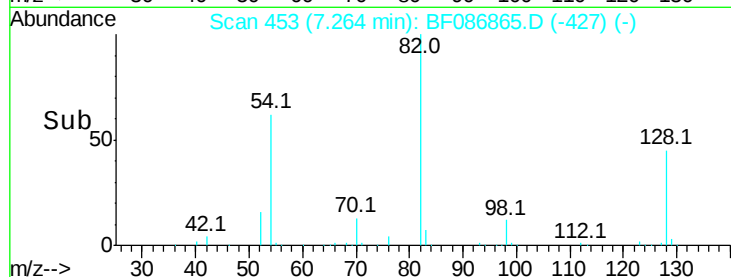
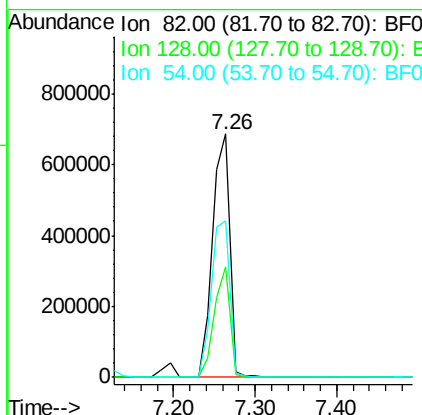
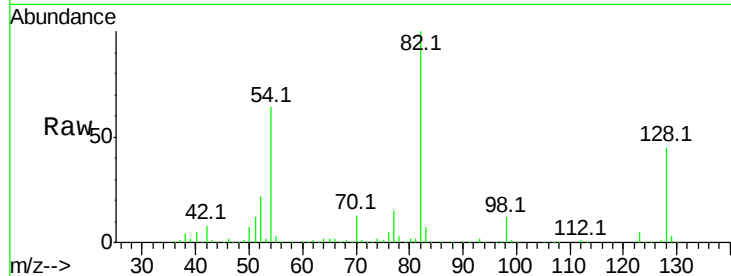
#23
 Nitrobenzene-d5
 Concen: 78.32 ng
 RT: 7.26 min Scan# 453
 Delta R.T. -0.00 min
 Lab File: BF086865.D
 Acq: 10 May 2016 17:47

Instrument :
 BNA_F
 ClientSampleId :
 PB90444BSD

Tot Ion: 82 Resp: 1019715
 Ion Ratio Lower Upper
 82 100
 128 45.2 40.6 61.0
 54 64.5 38.1 57.1#

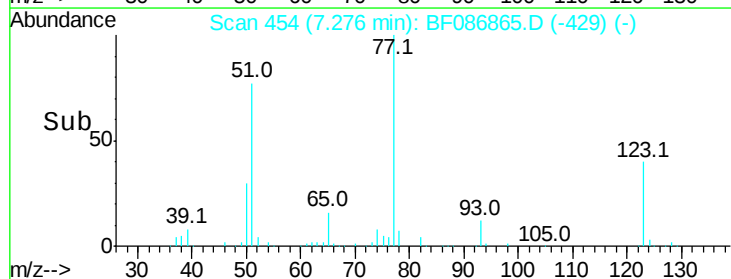
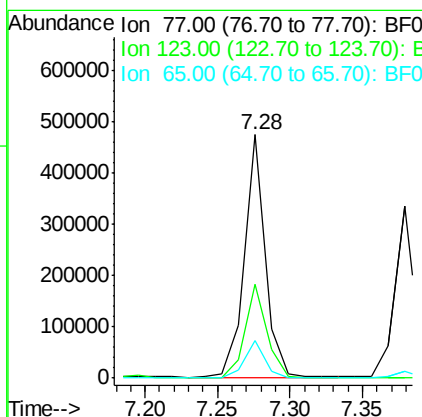
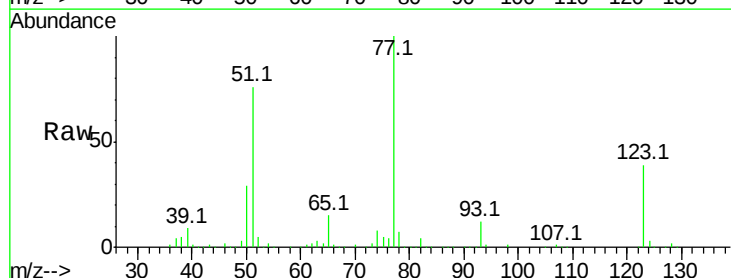
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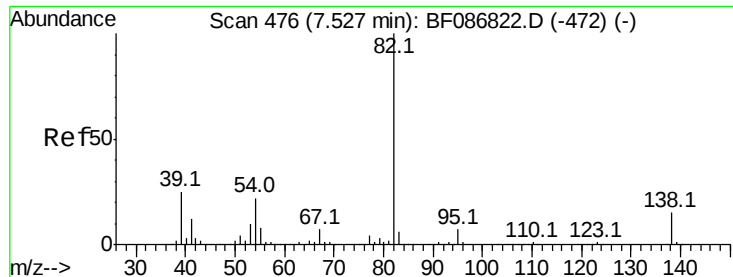
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#24
 Nitrobenzene
 Concen: 35.20 ng
 RT: 7.28 min Scan# 454
 Delta R.T. -0.01 min
 Lab File: BF086865.D
 Acq: 10 May 2016 17:47

Tgt Ion: 77 Resp: 471413
 Ion Ratio Lower Upper
 77 100
 123 38.8 33.0 49.4
 65 15.4 10.8 16.2





#25

Isophorone

Concen: 35.74 ng

RT: 7.52 min Scan# 475

Delta R.T. -0.01 min

Lab File: BF086865.D

Acq: 10 May 2016 17:47

Instrument :

BNA_F

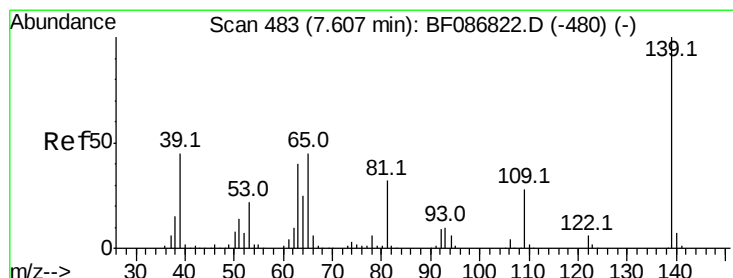
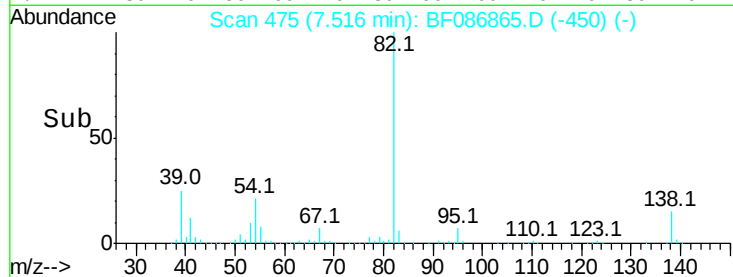
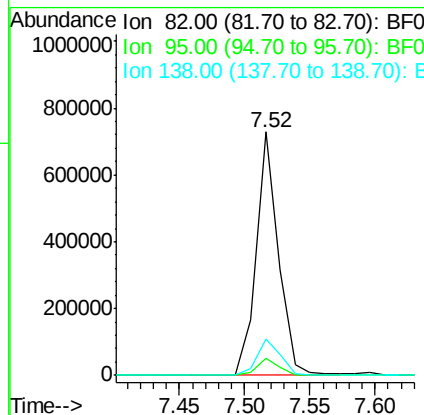
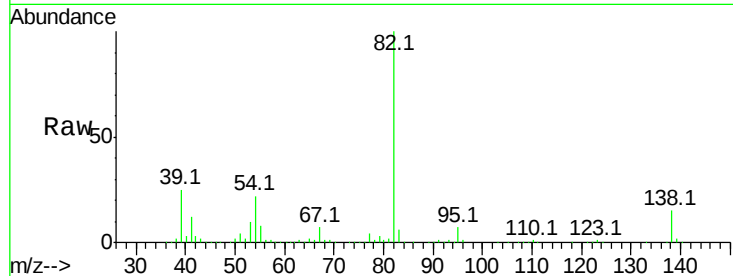
ClientSampleId :

PB90444BSD

Tot Ion:	82	Resp:	863405
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.1	7.7
138	15.0	12.4	18.6

Manual Integrations
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#26

2-Nitrophenol

Concen: 39.16 ng

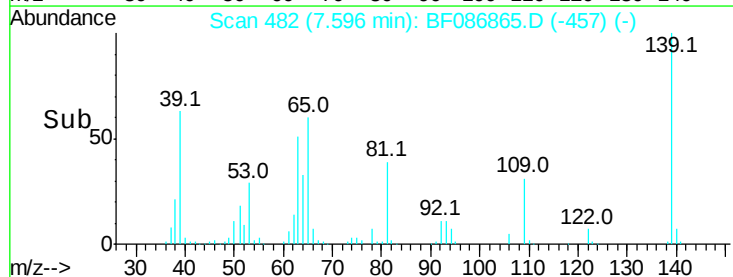
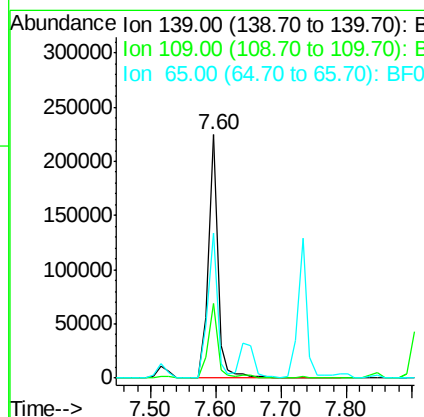
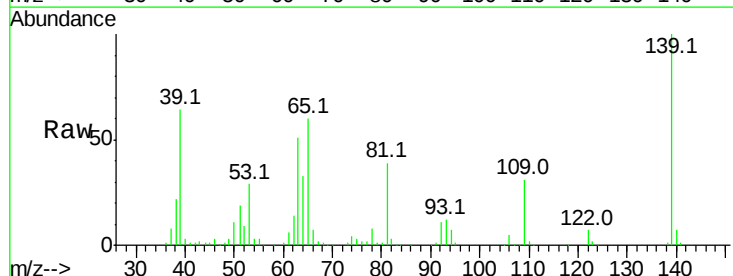
RT: 7.60 min Scan# 482

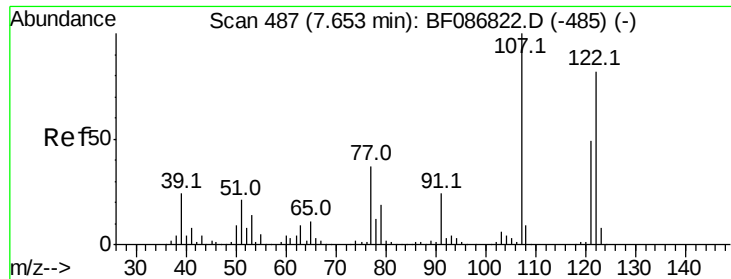
Delta R.T. -0.01 min

Lab File: BF086865.D

Acq: 10 May 2016 17:47

Tgt Ion:	139	Resp:	230548
Ion Ratio	Lower	Upper	
139	100		
109	30.6	19.5	29.3#
65	59.8	37.5	56.3#





#27

2,4-Dimethylphenol

Concen: 38.41 ng

RT: 7.65 min Scan# 487

Delta R.T. -0.00 min

Lab File: BF086865.D

Acq: 10 May 2016 17:47

Instrument :

BNA_F

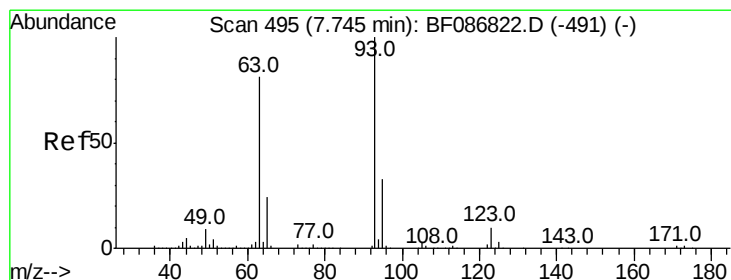
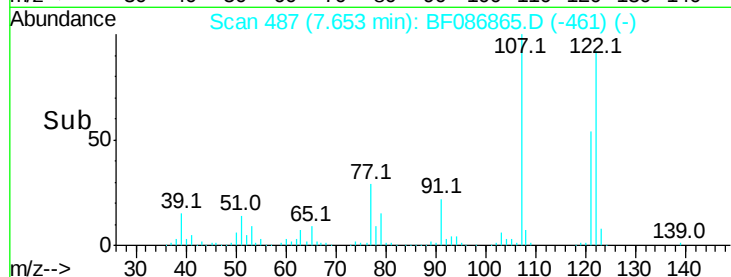
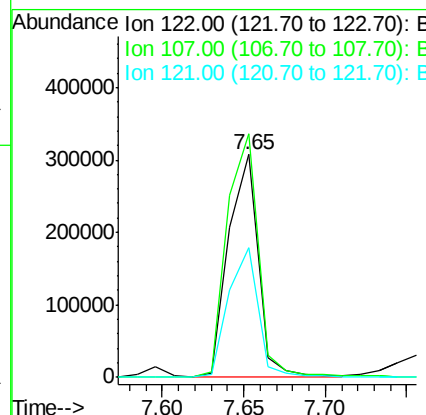
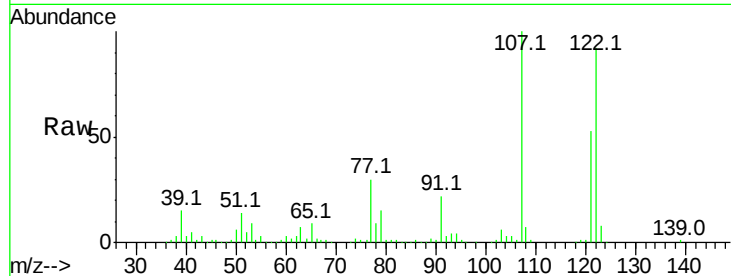
ClientSampleId :

PB90444BSD

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100				
107	109.3	82.0		123.0	
121	58.4	46.1		69.1	



#28

bis(2-Chloroethoxy)methane

Concen: 40.06 ng

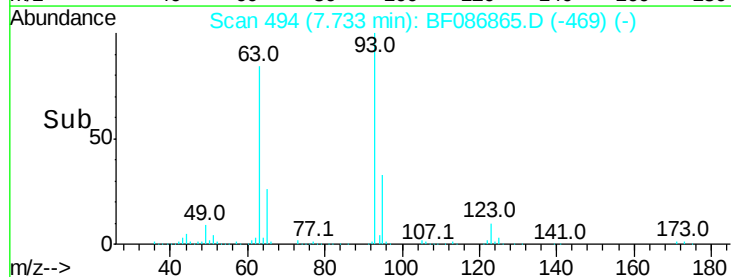
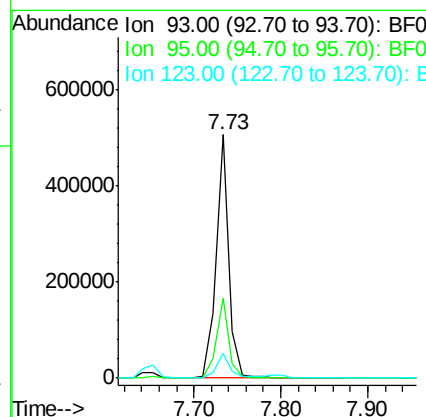
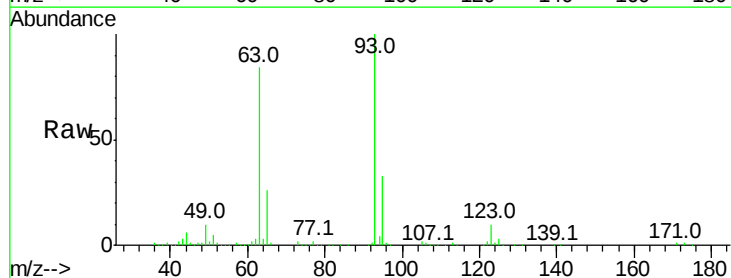
RT: 7.73 min Scan# 494

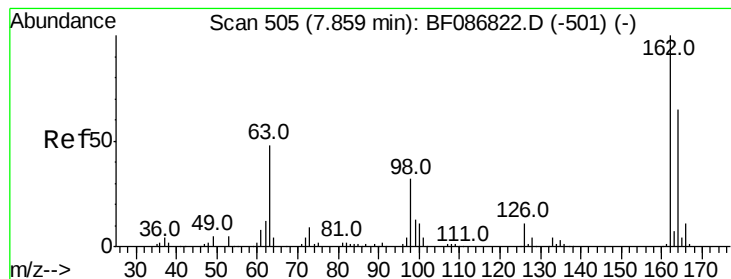
Delta R.T. -0.01 min

Lab File: BF086865.D

Acq: 10 May 2016 17:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100				
95	32.5	26.0		39.0	
123	10.0	9.5		14.3	





#29

2,4-Dichlorophenol

Concen: 40.57 ng

RT: 7.85 min Scan# 504

Delta R.T. -0.01 min

Lab File: BF086865.D

Acq: 10 May 2016 17:47

Instrument :

BNA_F

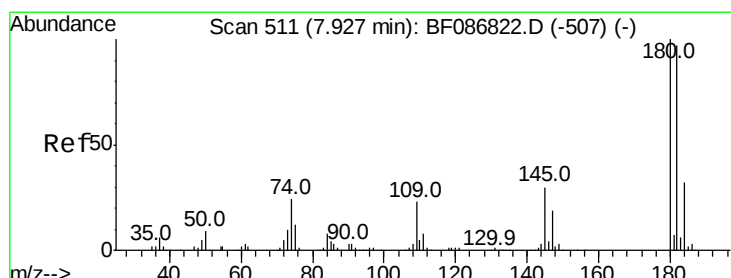
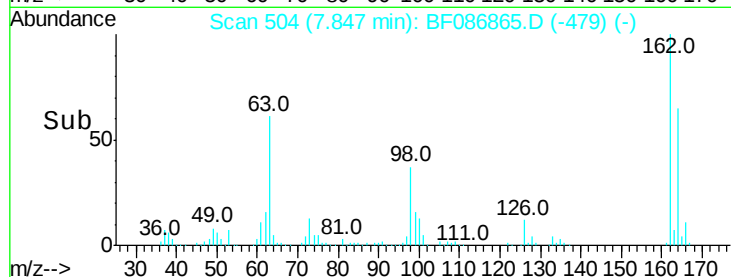
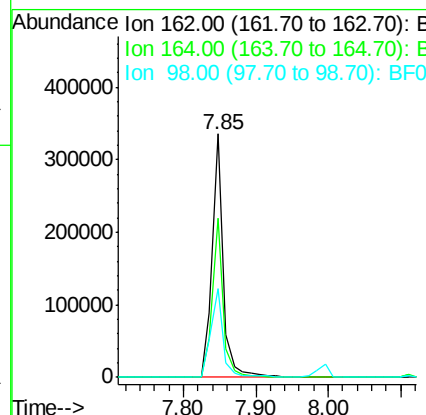
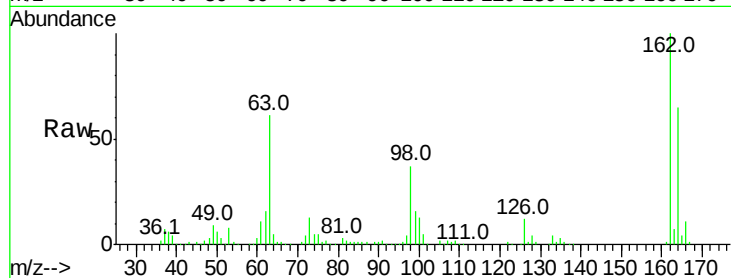
ClientSampleId :

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Tot Ion:	162	Resp:	358069
Ion Ratio	Lower	Upper	
162	100		
164	65.1	42.2	82.2
98	36.5	19.0	59.0

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#30

1,2,4-Trichlorobenzene

Concen: 37.96 ng

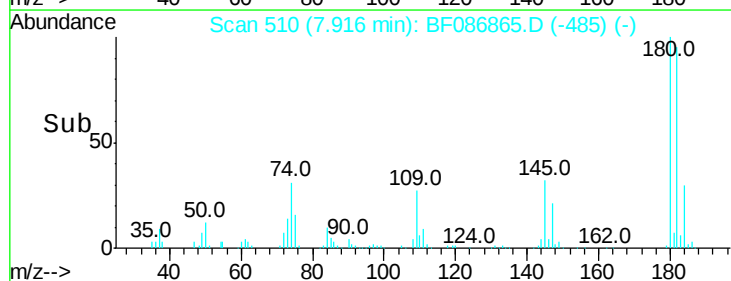
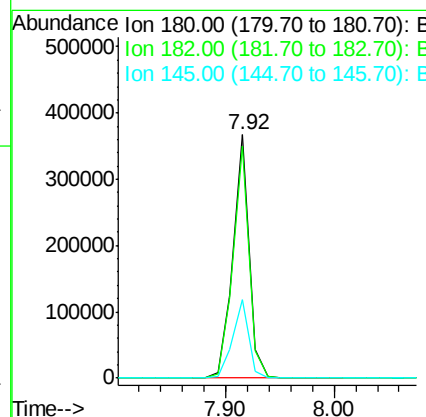
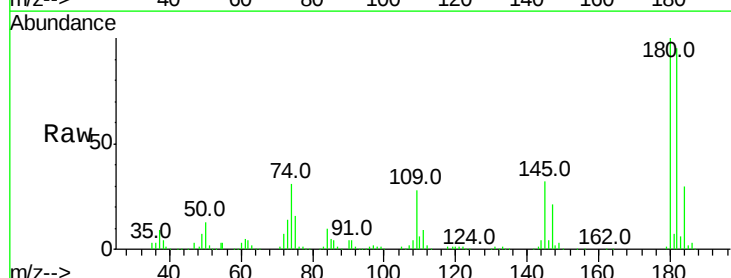
RT: 7.92 min Scan# 510

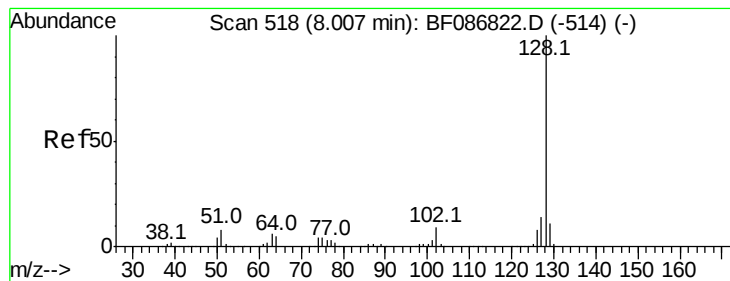
Delta R.T. -0.01 min

Lab File: BF086865.D

Acq: 10 May 2016 17:47

Tgt Ion:	180	Resp:	374633
Ion Ratio	Lower	Upper	
180	100		
182	95.3	78.0	117.0
145	32.2	24.2	36.2





#31

Naphthalene

Concen: 38.34 ng

RT: 8.00 min Scan# 517

Delta R.T. -0.01 min

Lab File: BF086865.D

Acq: 10 May 2016 17:47

Instrument :

BNA_F

ClientSampleId :

PB90444BSD

Tot Ion:128 Resp: 1255576

Ion Ratio Lower Upper

128 100

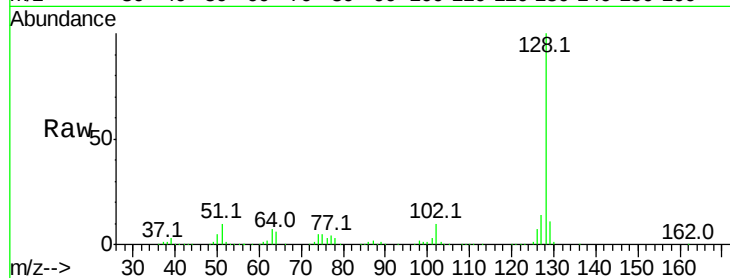
129 11.4 8.6 13.0

127 13.8 10.8 16.2

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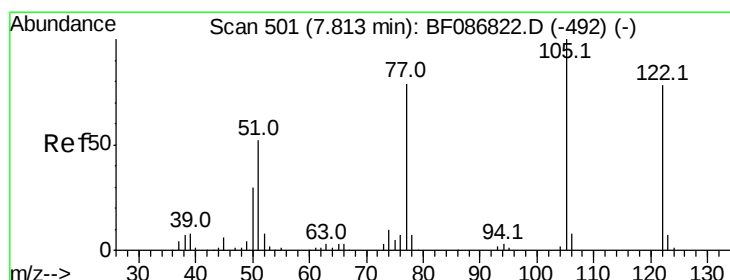
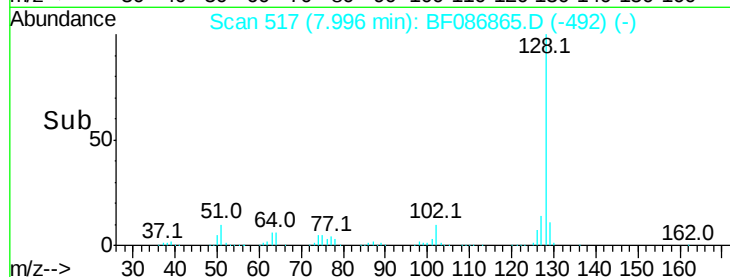
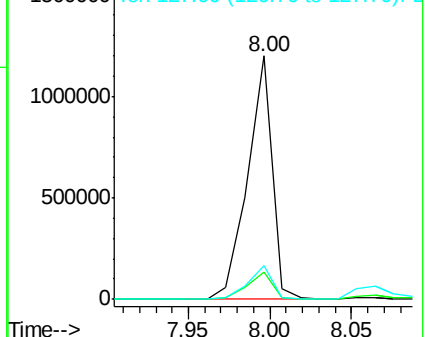
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 35.07 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.01 min

Lab File: BF086865.D

Acq: 10 May 2016 17:47

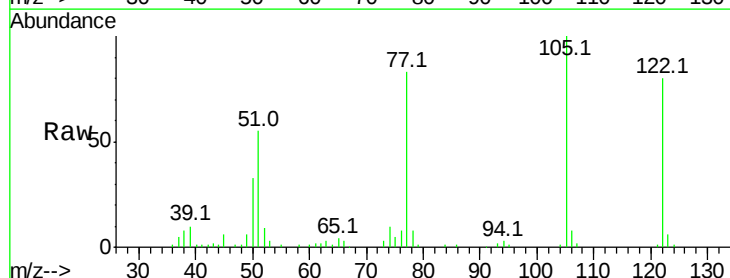
Tgt Ion:122 Resp: 206542

Ion Ratio Lower Upper

122 100

105 125.3 92.6 132.6

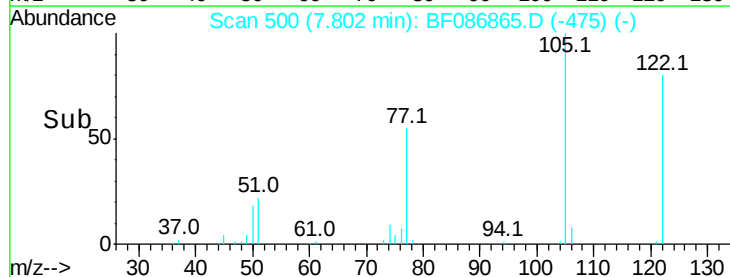
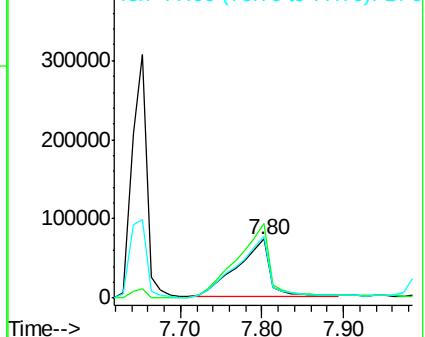
77 104.4 60.0 100.0#

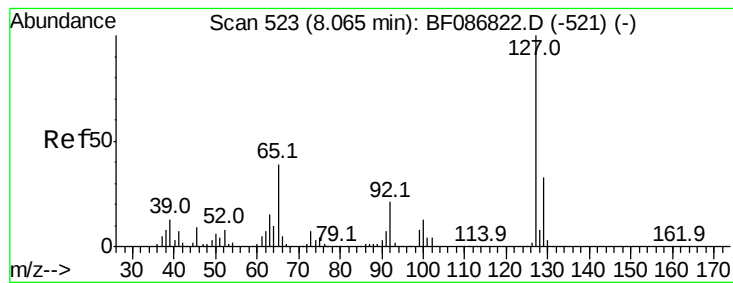


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 10.16 ng

RT: 8.06 min Scan# 523

Delta R.T. -0.00 min

Lab File: BF086865.D

Acq: 10 May 2016 17:47

Instrument :

BNA_F

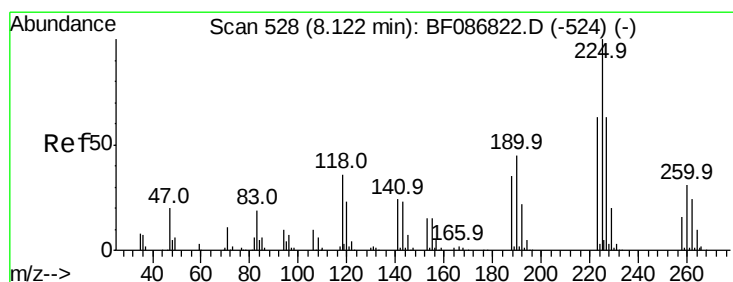
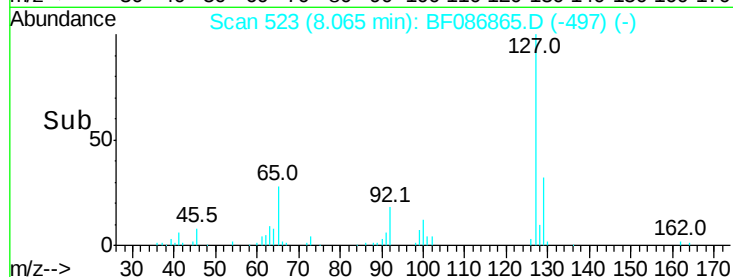
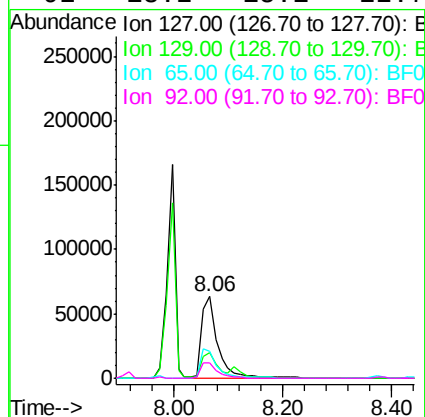
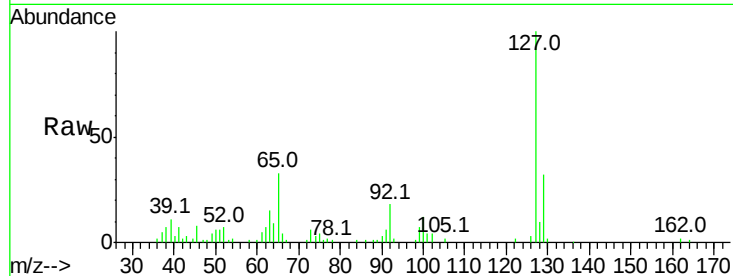
ClientSampleID :

PB90444BSD

Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	32.1	26.2	39.4
65	32.5	23.0	34.4
92	18.2	15.1	22.7

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#34

Hexachlorobutadiene

Concen: 35.36 ng

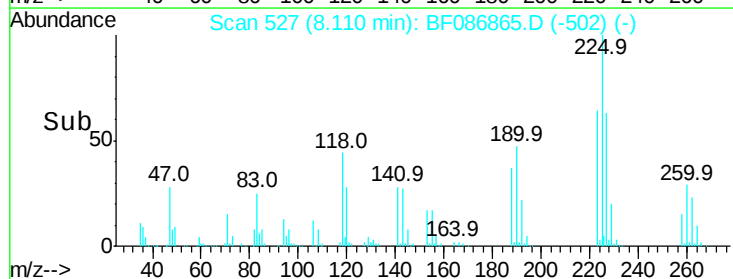
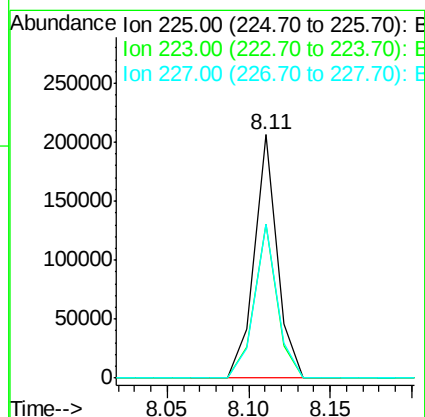
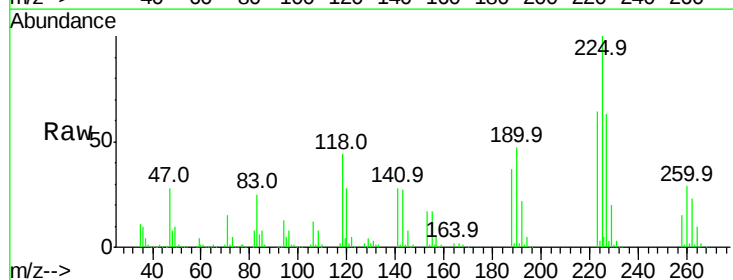
RT: 8.11 min Scan# 527

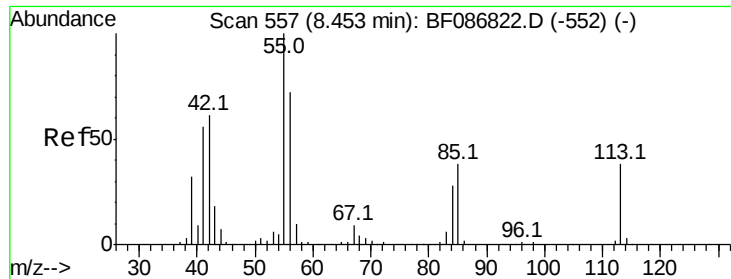
Delta R.T. -0.01 min

Lab File: BF086865.D

Acq: 10 May 2016 17:47

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	63.5	51.5	77.3
227	63.3	52.2	78.2





#35

Caprolactam

Concen: 37.79 ng/ml

RT: 8.43 min Scan# 555

Delta R.T. -0.02 min

Lab File: BF086865.D

Acq: 10 May 2016 17:47

Instrument :

BNA_F

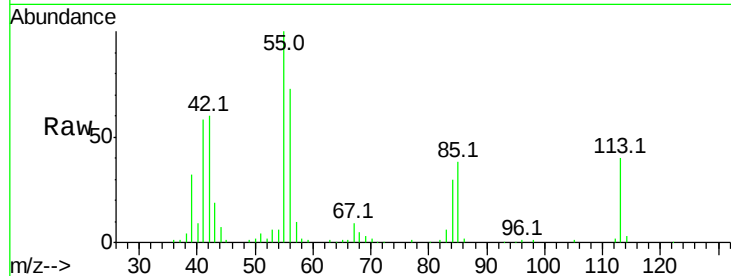
ClientSampleId :

PB90444BSD

Tot Ion:	113	Resp:	113479
Ion Ratio	Lower	Upper	
113	100		
55	251.9	162.0	202.0#
56	184.8	115.3	155.3#

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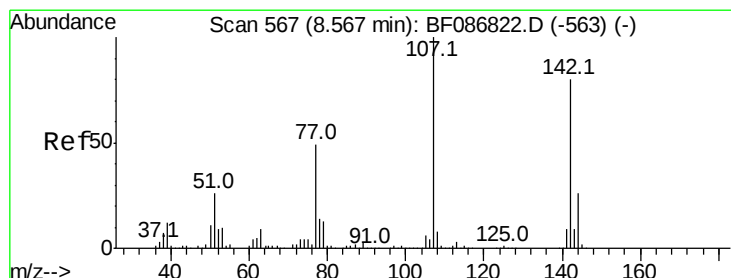
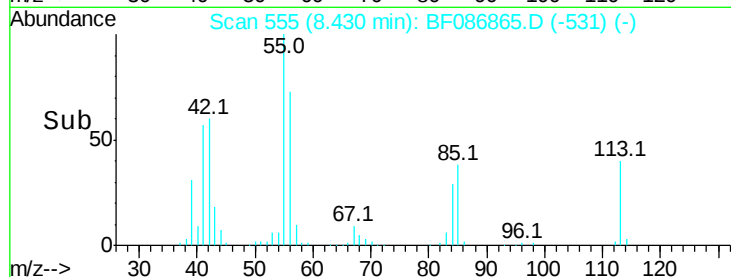
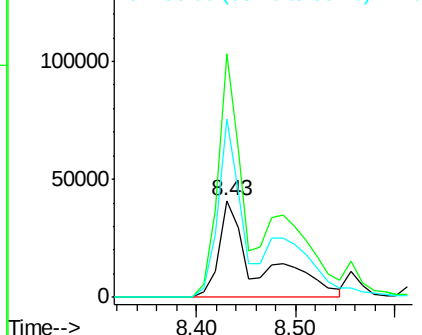
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 35.85 ng/ml

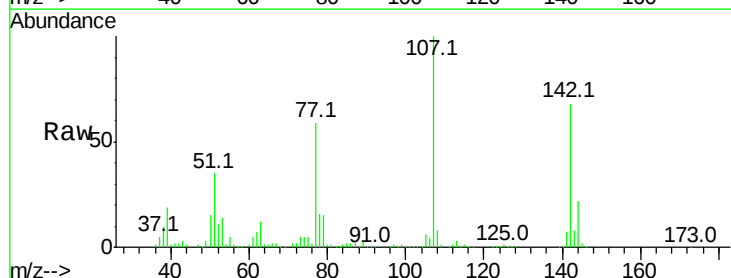
RT: 8.56 min Scan# 566

Delta R.T. -0.01 min

Lab File: BF086865.D

Acq: 10 May 2016 17:47

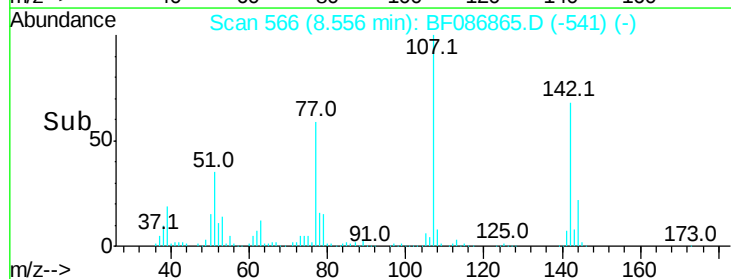
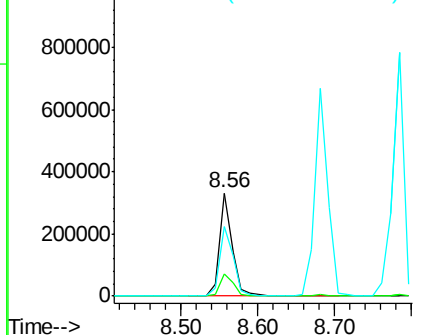
Tgt Ion:	107	Resp:	383812
Ion Ratio	Lower	Upper	
107	100		
144	21.6	20.7	31.1
142	67.9	63.2	94.8

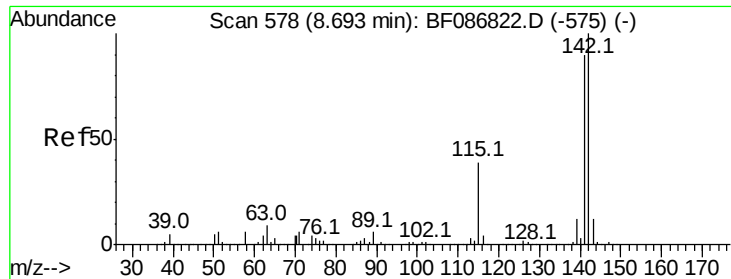


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





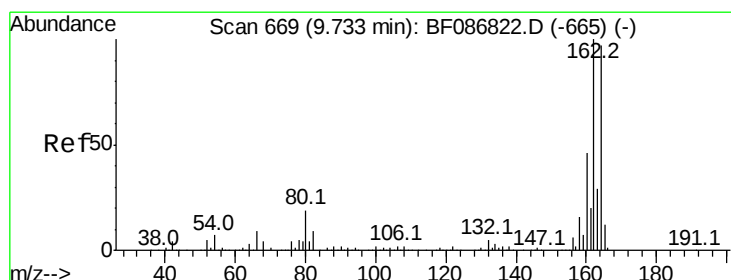
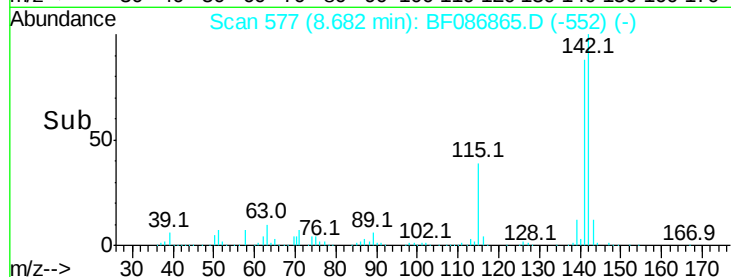
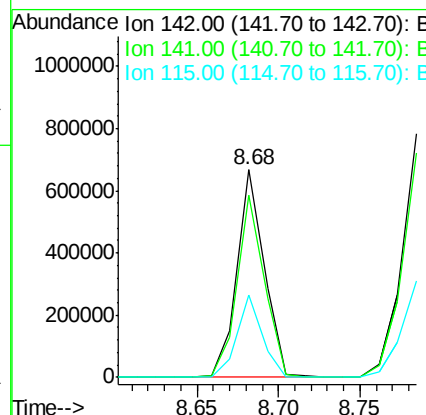
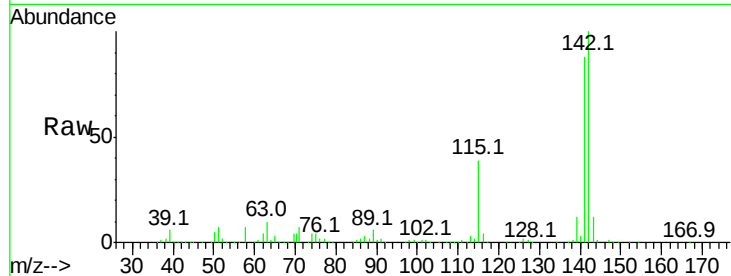
#37
 2-Methylnaphthalene
 Concen: 39.94 ng
 RT: 8.68 min Scan# 577
 Delta R.T. -0.01 min
 Lab File: BF086865.D
 Acq: 10 May 2016 17:47

Instrument :
 BNA_F
 ClientSampleId :
 PB90444BSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	764593		
141	87.8	71.0	106.6	
115	39.4	26.6	39.8	

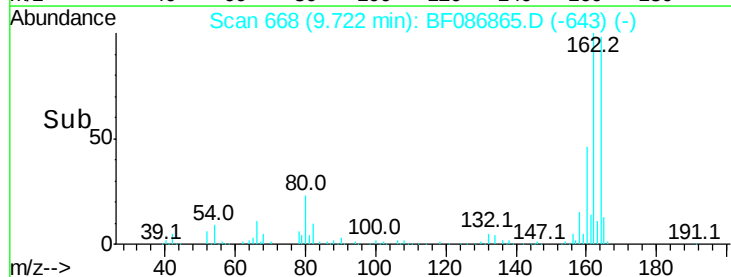
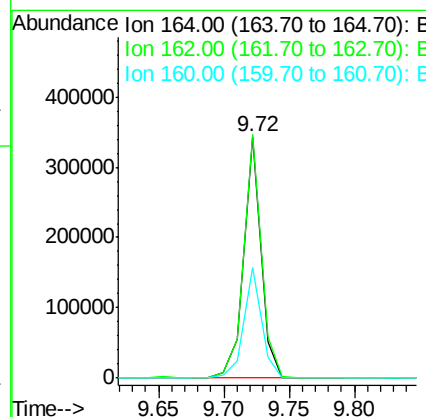
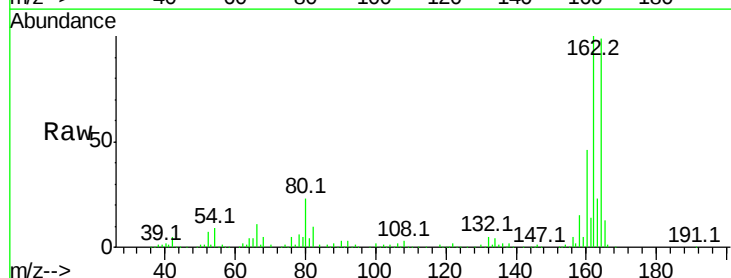
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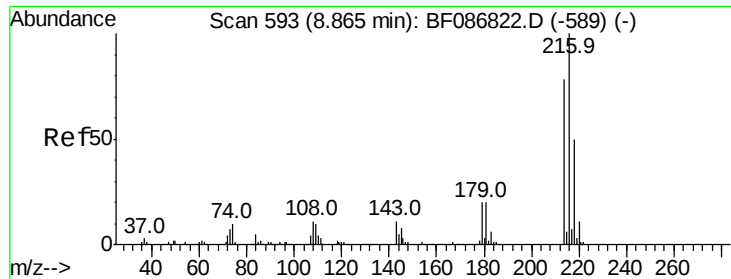
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.72 min Scan# 668
 Delta R.T. -0.01 min
 Lab File: BF086865.D
 Acq: 10 May 2016 17:47

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	314810		
162	101.0	82.8	124.2	
160	46.0	36.9	55.3	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.22 ng

RT: 8.85 min Scan# 592

Delta R.T. -0.01 min

Lab File: BF086865.D

Acq: 10 May 2016 17:47

Instrument :

BNA_F

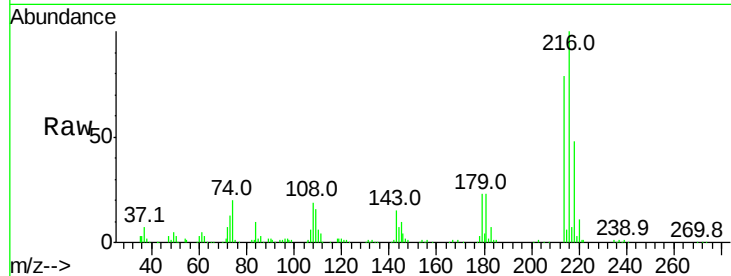
ClientSampleId :

PB90444BSD

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Tot Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.7	62.6	93.8	
179	24.0	18.2	27.4	
108	26.4	17.5	26.3	



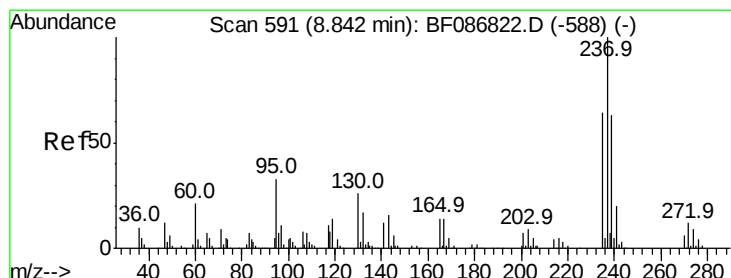
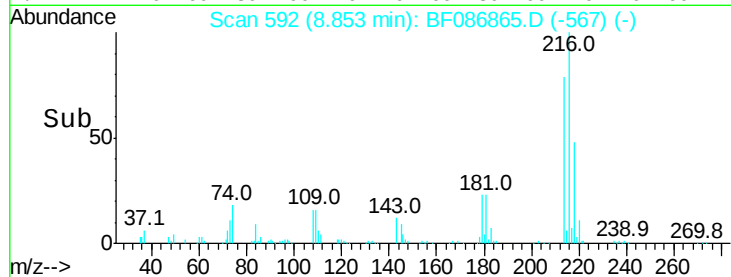
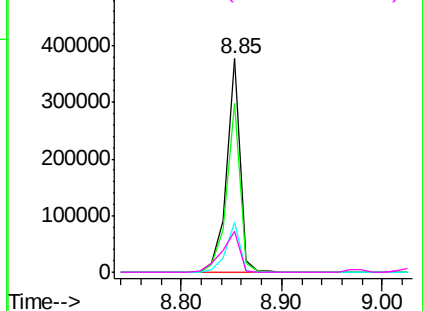
Abundance

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: 89.41 ng

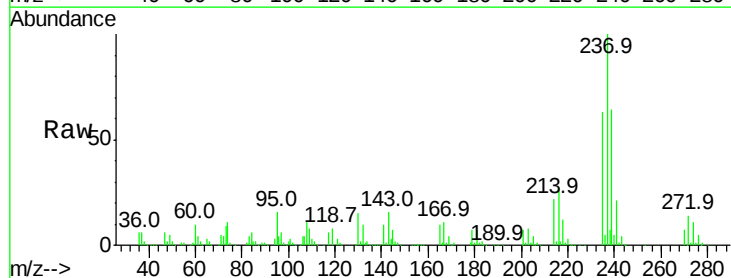
RT: 8.84 min Scan# 591

Delta R.T. -0.00 min

Lab File: BF086865.D

Acq: 10 May 2016 17:47

Tgt Ion	Ratio	Resp	Lower	Upper
237	100			
235	63.0	47.2	87.2	
272	13.8	0.0	31.1	

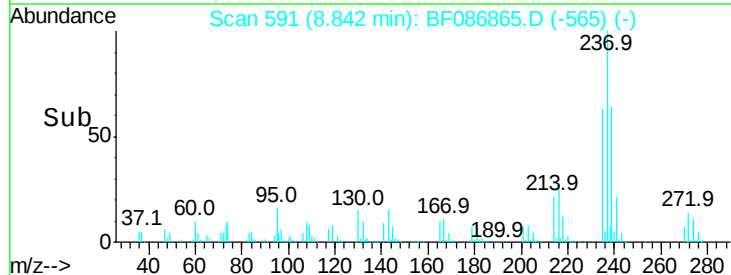
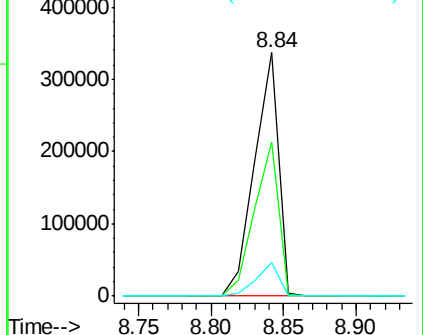


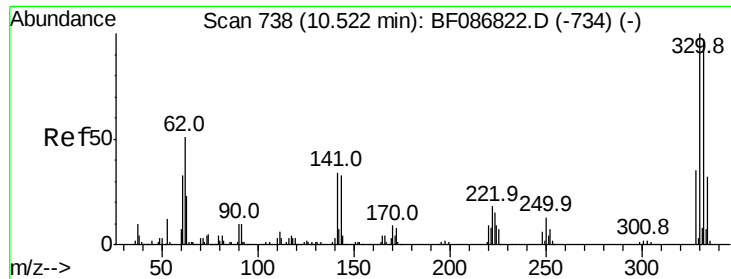
Abundance

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





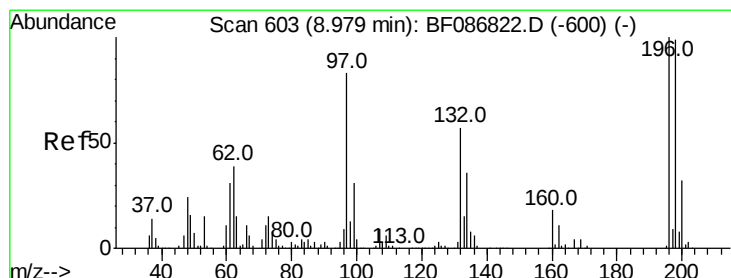
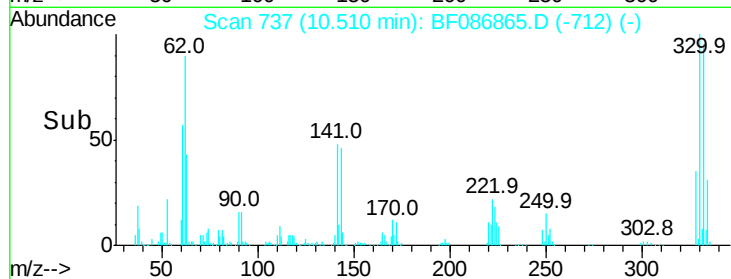
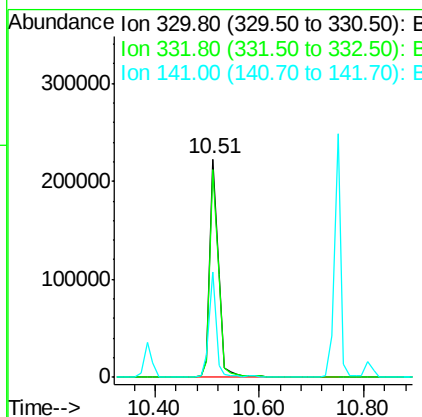
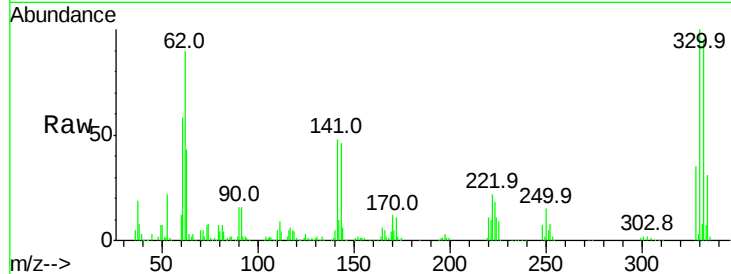
#41
 2,4,6-Tribromophenol
 Concen: 77.43 ng
 RT: 10.51 min Scan# 737
 Delta R.T. -0.01 min
 Lab File: BF086865.D
 Acq: 10 May 2016 17:47

Instrument :
 BNA_F
 ClientSampleId :
 PB90444BSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	258073		
332	95.9	79.0	118.4	
141	39.6	31.2	46.8	

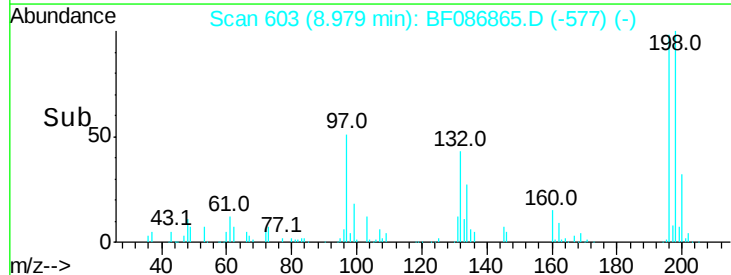
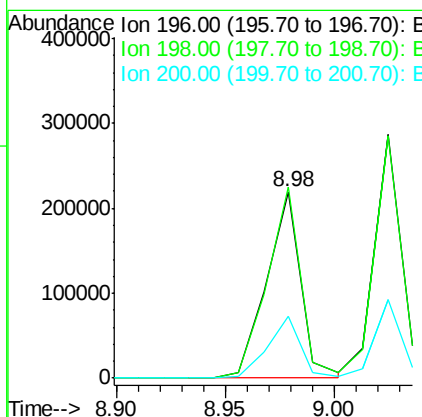
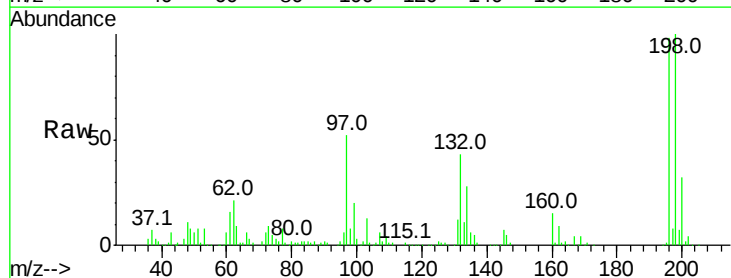
Manual Integrations
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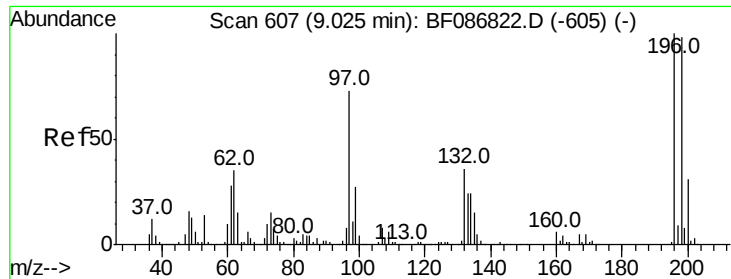
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#42
 2,4,6-Trichlorophenol
 Concen: 39.55 ng
 RT: 8.98 min Scan# 603
 Delta R.T. -0.00 min
 Lab File: BF086865.D
 Acq: 10 May 2016 17:47

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	242046		
198	102.2	74.7	112.1	
200	33.0	23.8	35.6	





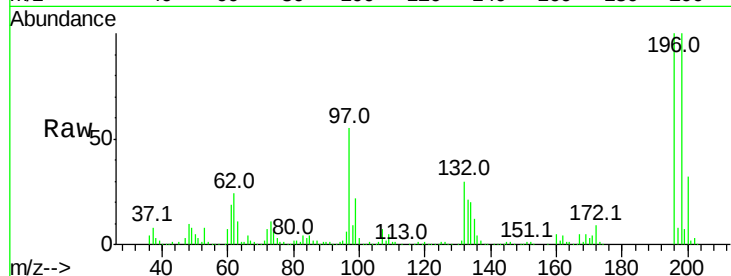
#43
 2,4,5-Trichlorophenol
 Concen: 41.28 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.00 min
 Lab File: BF086865.D
 Acq: 10 May 2016 17:47

Instrument :
 BNA_F
 ClientSampleId :
 PB90444BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		261263		
198	99.5	77.5	116.3		
97	55.0	34.8	52.2		
132	30.1	23.0	34.4		

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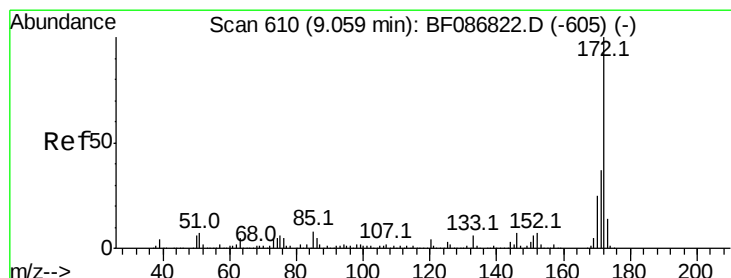
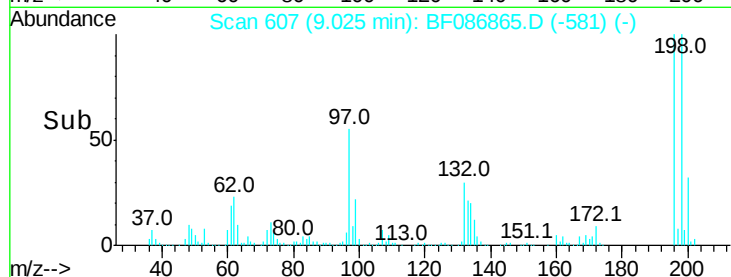
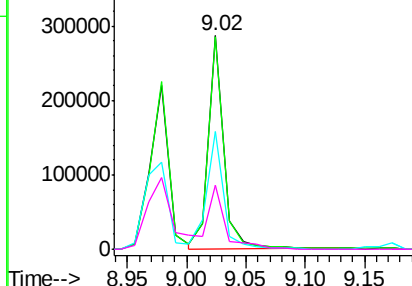
Abundance

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: 86.13 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.00 min
 Lab File: BF086865.D
 Acq: 10 May 2016 17:47

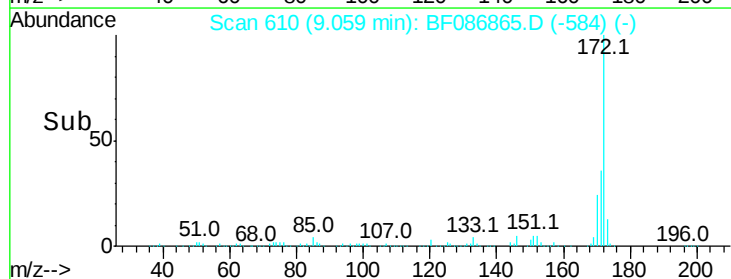
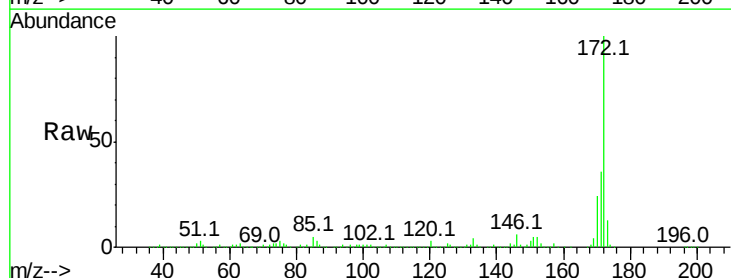
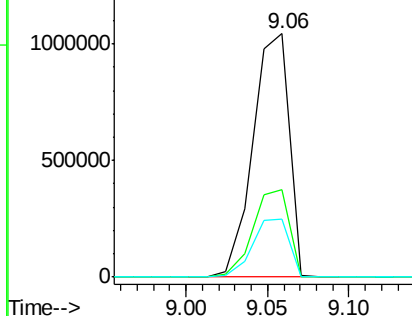
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1613404		
171	35.9	29.0	43.6		
170	24.0	19.8	29.8		

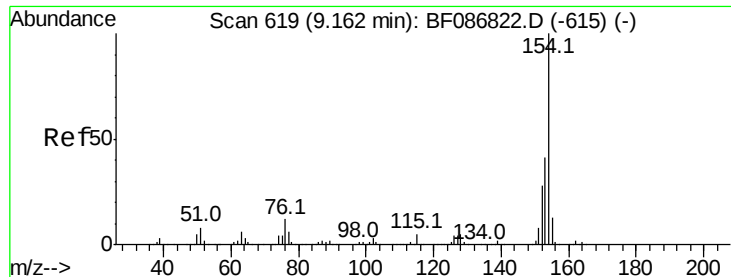
Abundance

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





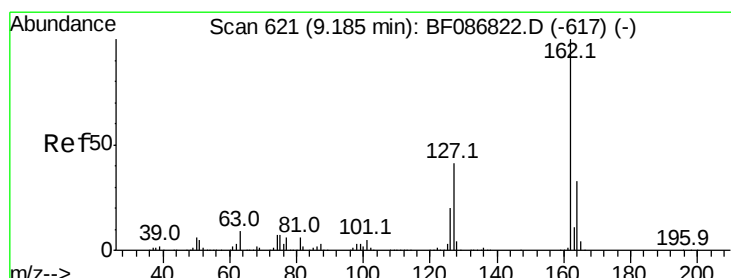
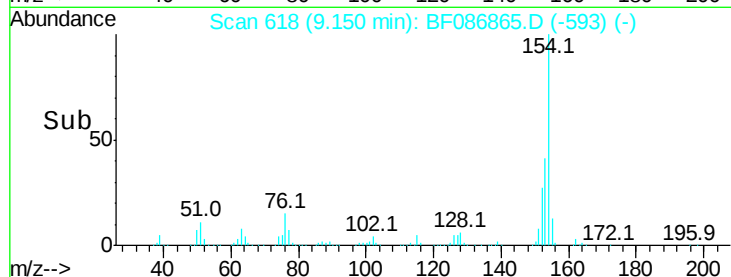
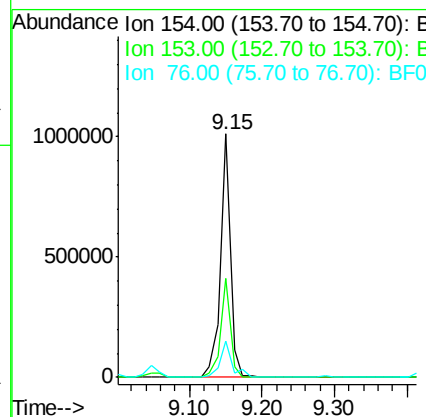
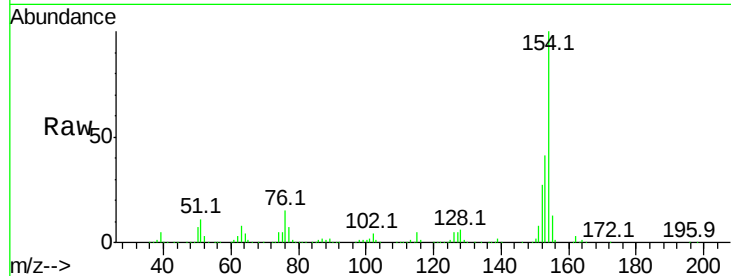
#45
 1,1'-Biphenyl
 Concen: 38.61 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: BF086865.D
 Acq: 10 May 2016 17:47

Instrument :
 BNA_F
 ClientSampleId :
 PB90444BSD

Tot Ion	Ratio	Resp Lower	Upper
154	100		
153	40.7	20.3	60.3
76	14.9	0.0	30.2

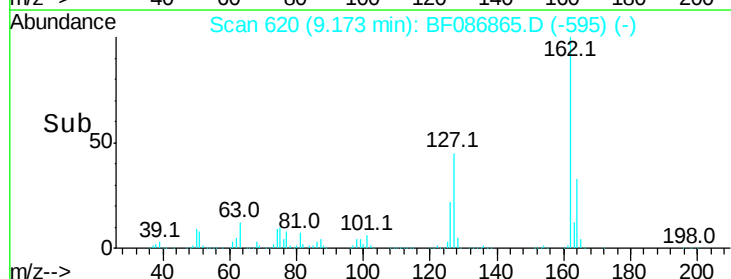
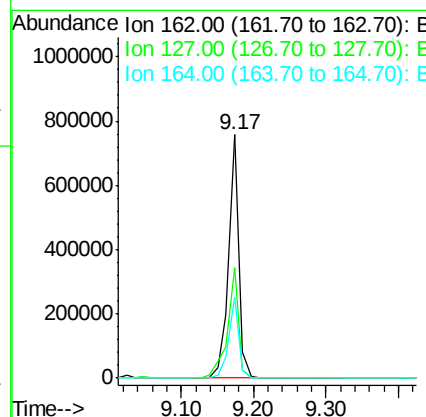
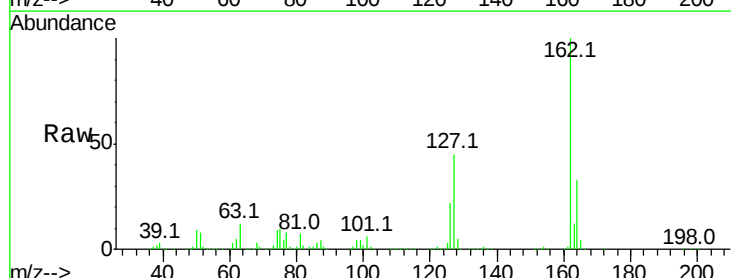
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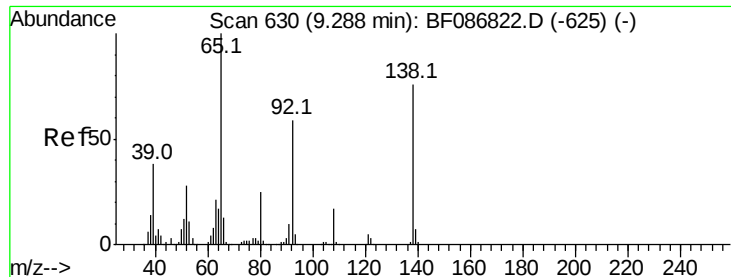
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#46
 2-Chloronaphthalene
 Concen: 37.82 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.01 min
 Lab File: BF086865.D
 Acq: 10 May 2016 17:47

Tgt Ion	Ratio	Resp Lower	Upper
162	100		
127	45.5	31.8	47.6
164	33.1	27.0	40.6





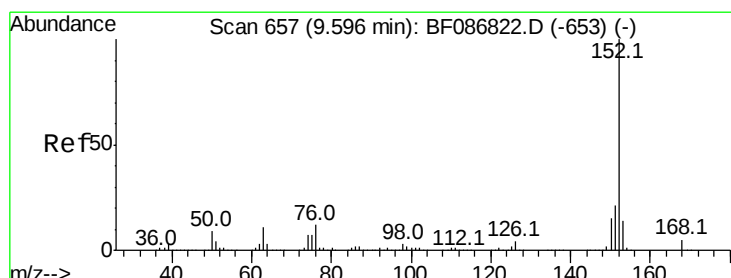
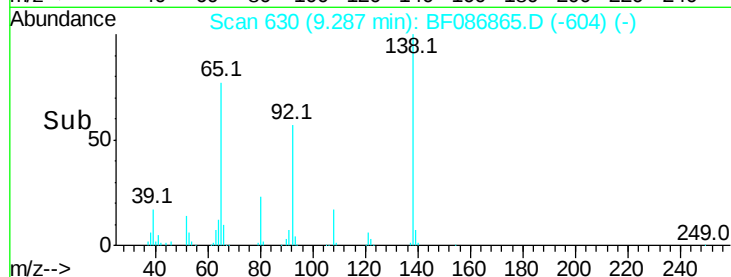
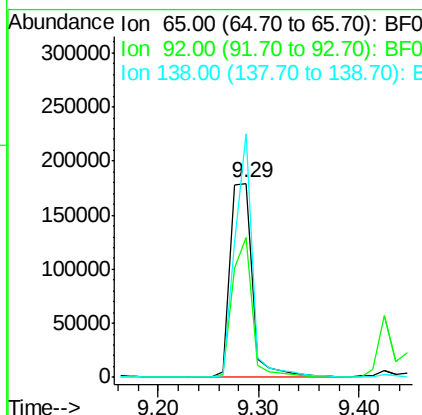
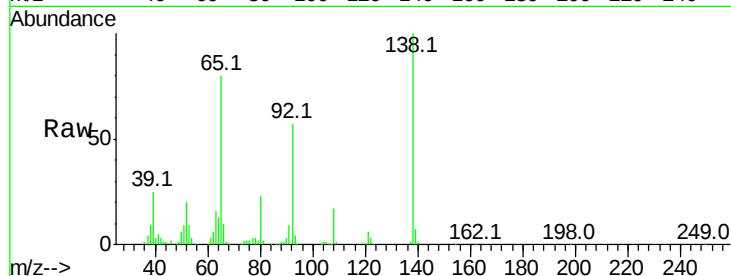
#47
2-Nitroaniline
Concen: 38.67 ng
RT: 9.29 min Scan# 630
Delta R.T. -0.00 min
Lab File: BF086865.D
Acq: 10 May 2016 17:47

Instrument :
BNA_F
ClientSampleId :
PB90444BSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	72.2	57.4	86.2
138	125.6	90.1	135.1

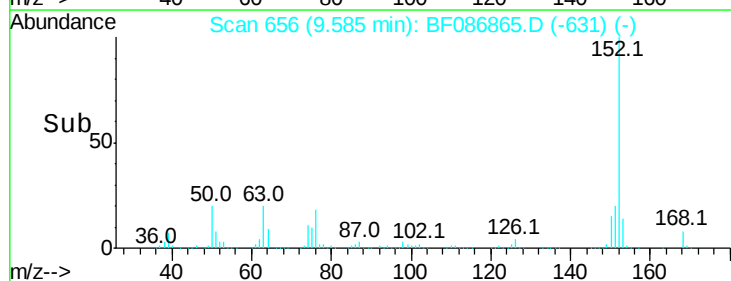
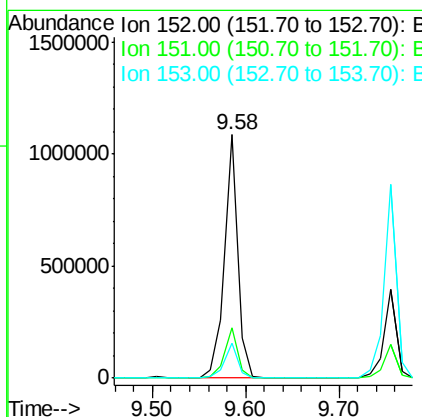
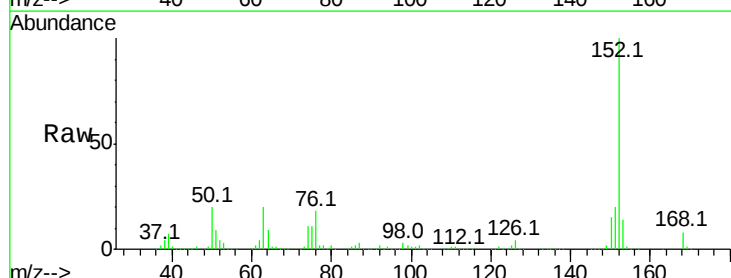
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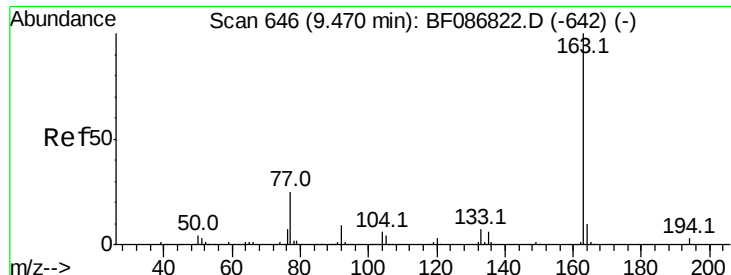
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#48
Acenaphthylene
Concen: 37.53 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.01 min
Lab File: BF086865.D
Acq: 10 May 2016 17:47

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.8	25.2
153	14.3	10.9	16.3





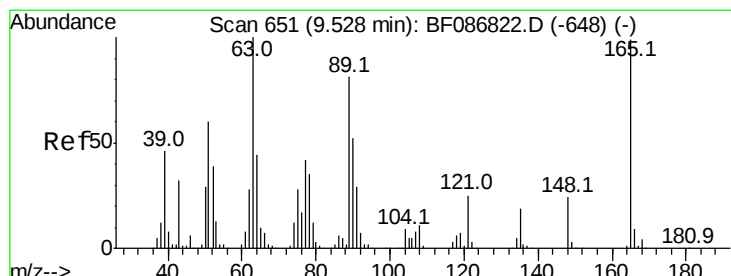
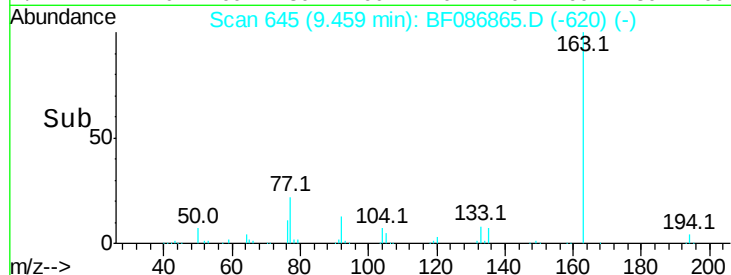
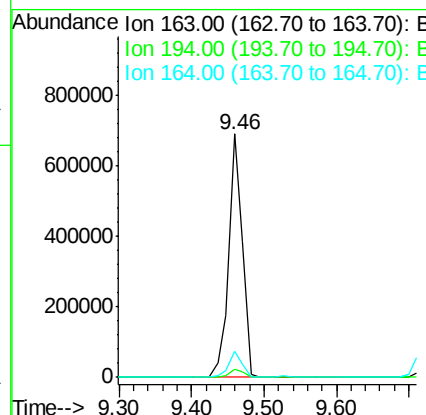
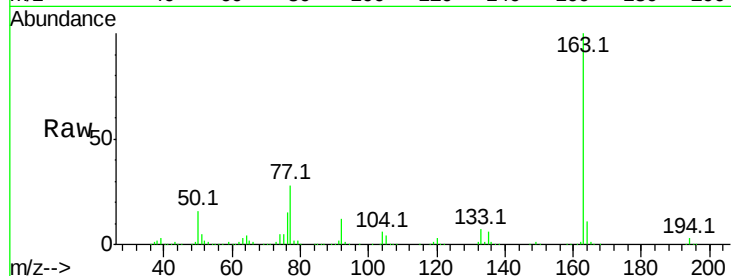
#49
Dimethylphthalate
Concen: 37.46 ng
RT: 9.46 min Scan# 645
Delta R.T. -0.01 min
Lab File: BF086865.D
Acq: 10 May 2016 17:47

Instrument :
BNA_F
ClientSampleId :
PB90444BSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	899723		
194	3.1		2.6	4.0
164	10.6		8.2	12.4

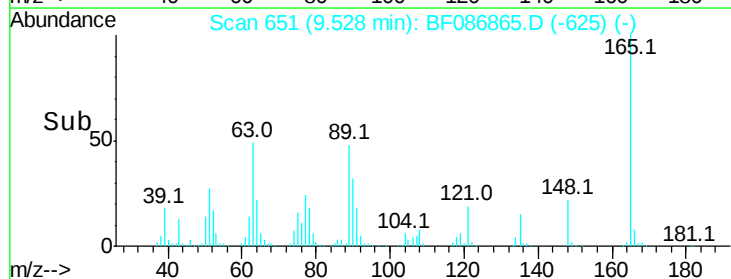
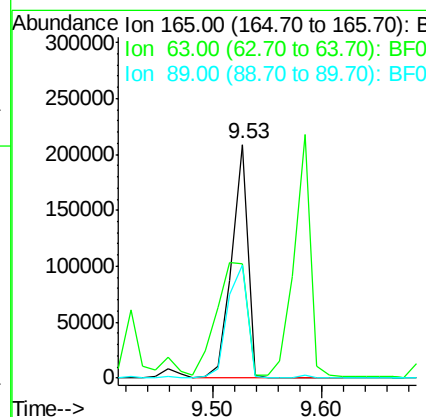
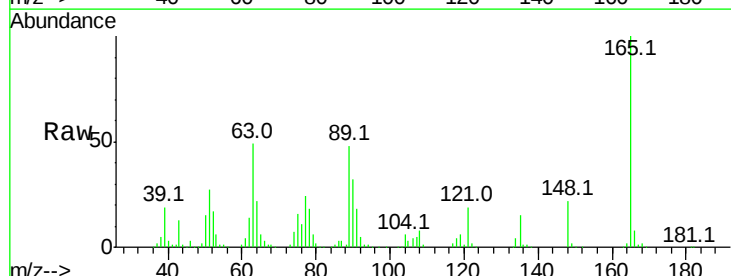
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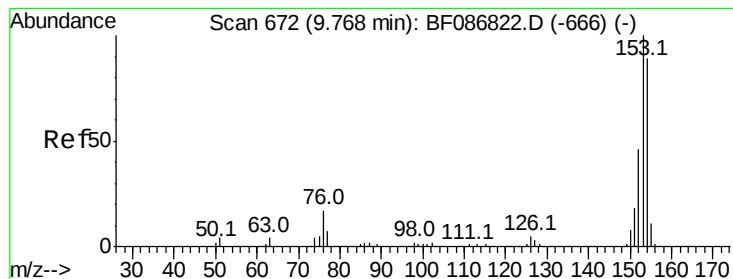
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#50
2,6-Dinitrotoluene
Concen: 42.54 ng
RT: 9.53 min Scan# 651
Delta R.T. -0.00 min
Lab File: BF086865.D
Acq: 10 May 2016 17:47

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	215011		
63	49.0		51.8	77.8#
89	48.2		50.7	76.1#





#51

Acenaphthene

Concen: 39.37 ng

RT: 9.76 min Scan# 671

Delta R.T. -0.01 min

Lab File: BF086865.D

Acq: 10 May 2016 17:47

Instrument :

BNA_F

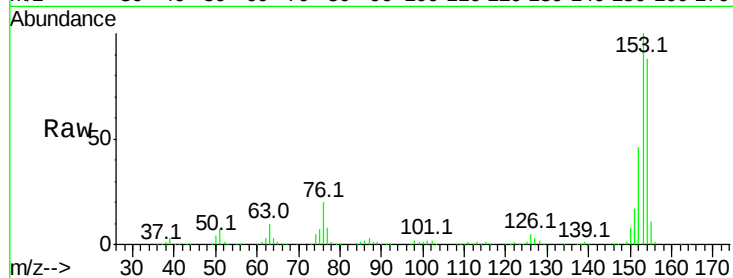
ClientSampleId :

PB90444BSD

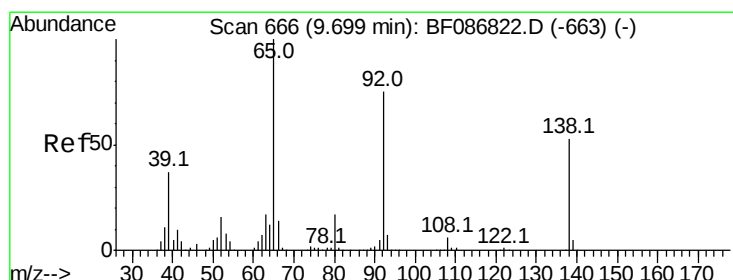
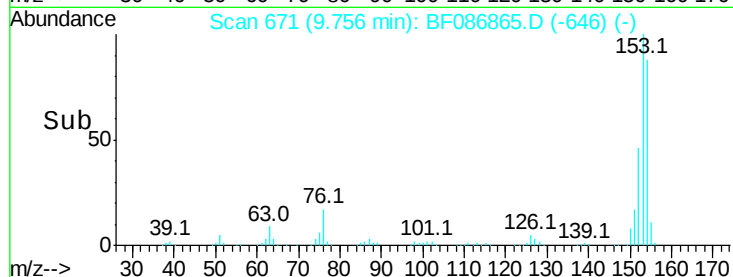
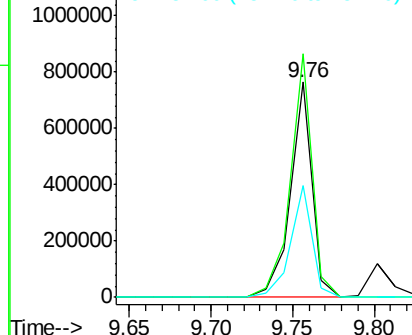
Tot Ion:	154	Resp:	706748
Ion Ratio	Lower	Upper	
154	100		
153	113.2	89.8	134.6
152	52.2	43.4	65.0

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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: 16.99 ng

RT: 9.70 min Scan# 666

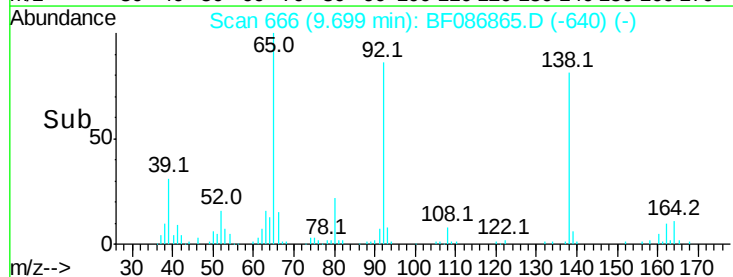
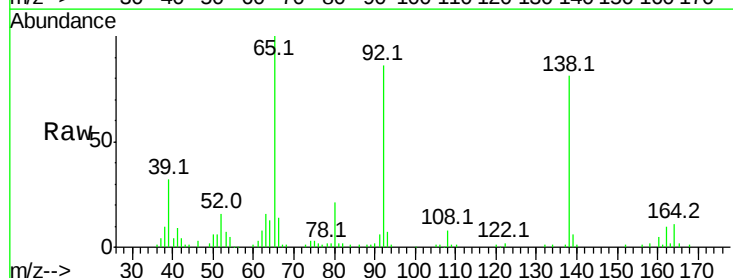
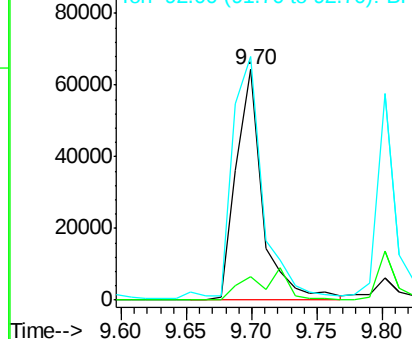
Delta R.T. -0.00 min

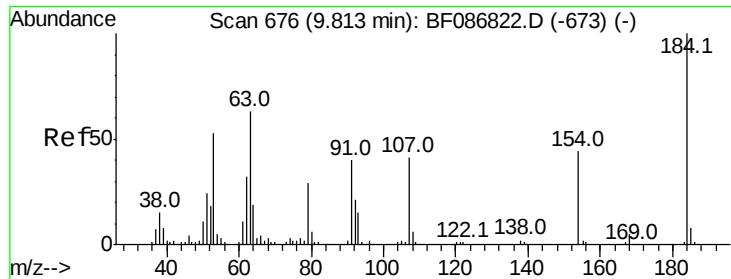
Lab File: BF086865.D

Acq: 10 May 2016 17:47

Tgt Ion:	138	Resp:	90420
Ion Ratio	Lower	Upper	
138	100		
108	10.0	7.8	11.6
92	105.6	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





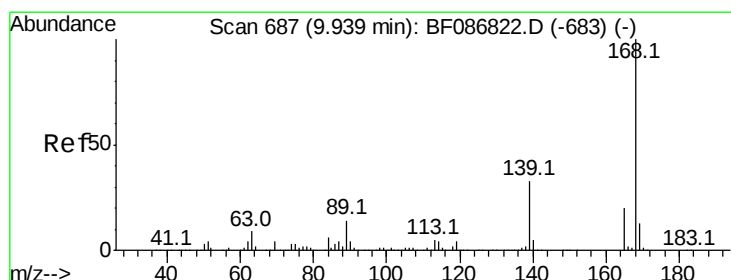
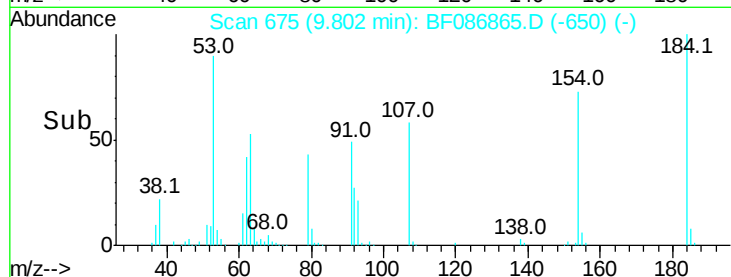
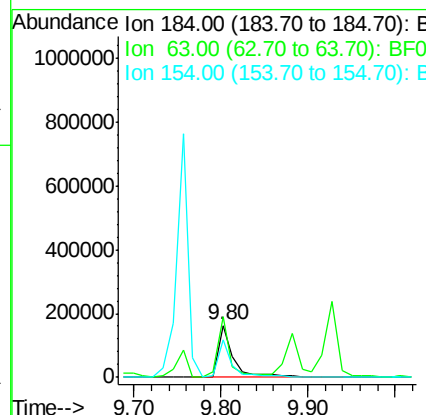
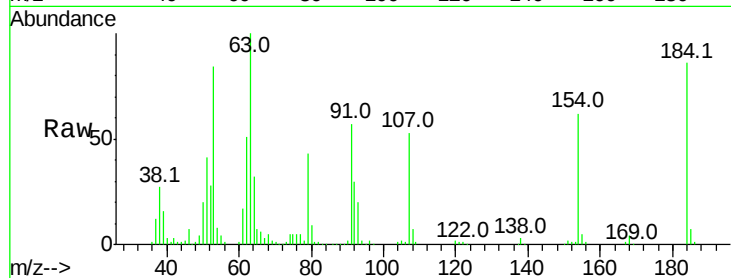
#53
 2,4-Dinitrophenol
 Concen: 78.26 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.01 min
 Lab File: BF086865.D
 Acq: 10 May 2016 17:47

Instrument :
 BNA_F
 ClientSampleID :
 PB90444BSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100	201661		
63	116.7	55.8	83.8#	
154	72.7	62.4	93.6	

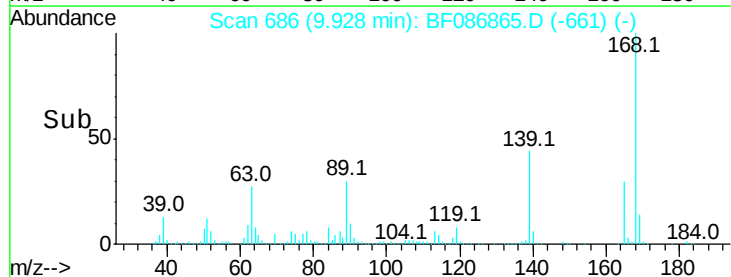
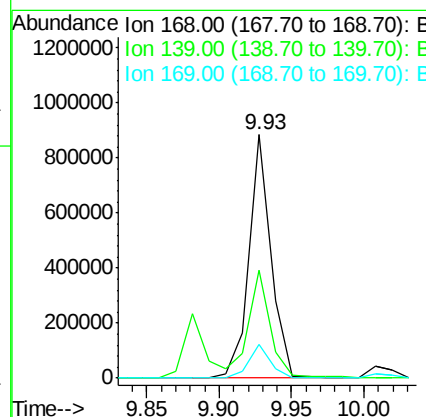
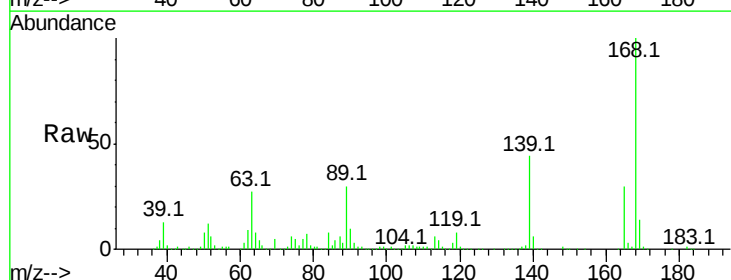
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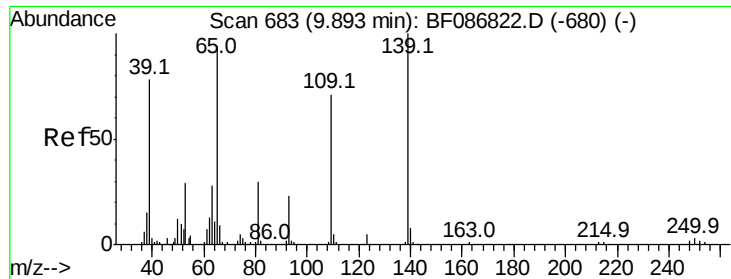
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#54
 Dibenzofuran
 Concen: 40.54 ng
 RT: 9.93 min Scan# 686
 Delta R.T. -0.01 min
 Lab File: BF086865.D
 Acq: 10 May 2016 17:47

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	934066		
139	44.3	31.4	47.0	
169	13.9	10.7	16.1	





#55

4-Nitrophenol

Concen: 69.18 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF086865.D

Acq: 10 May 2016 17:47

Instrument :

BNA_F

ClientSampleId :

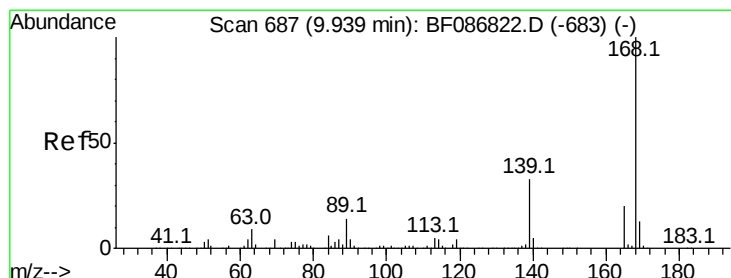
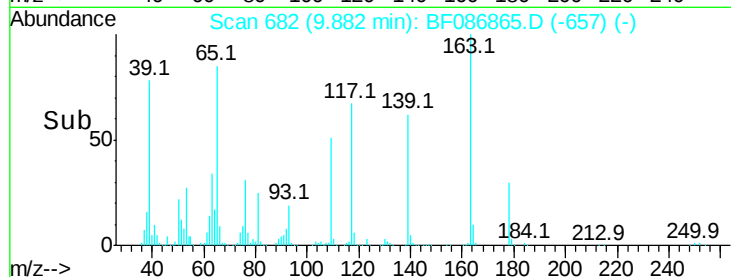
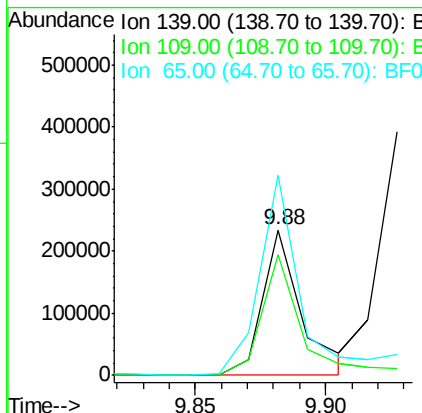
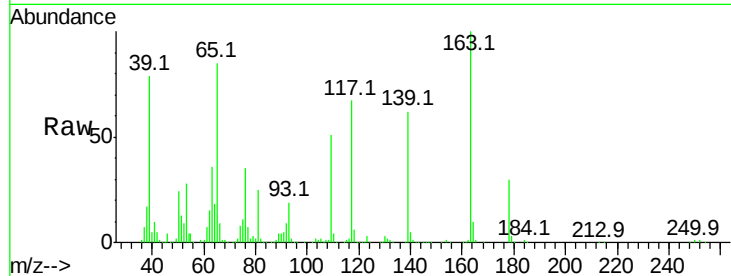
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Tot Ion:139	Resp:	243146
Ion Ratio	Lower	Upper
139	100	
109	82.8	36.9 76.9#
65	137.5	64.0 104.0#



#56

2,4-Dinitrotoluene

Concen: 38.66 ng

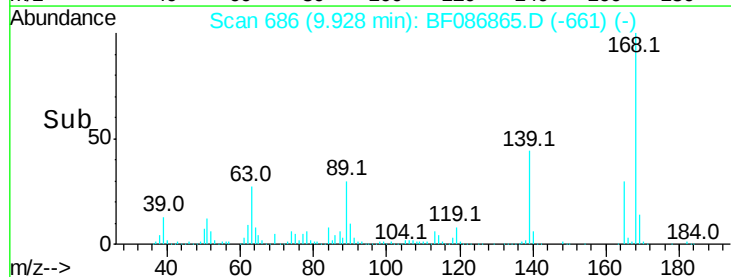
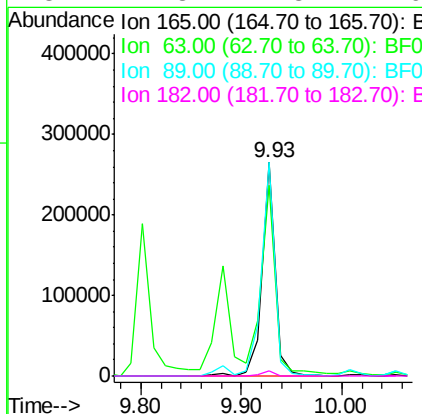
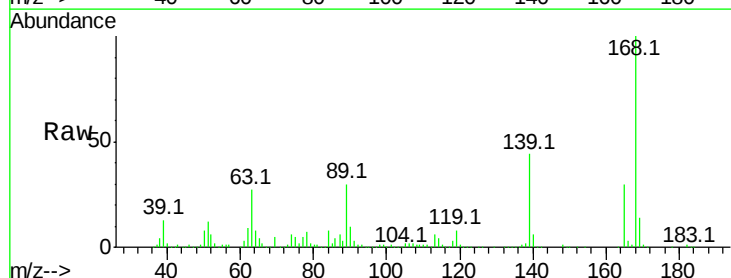
RT: 9.93 min Scan# 686

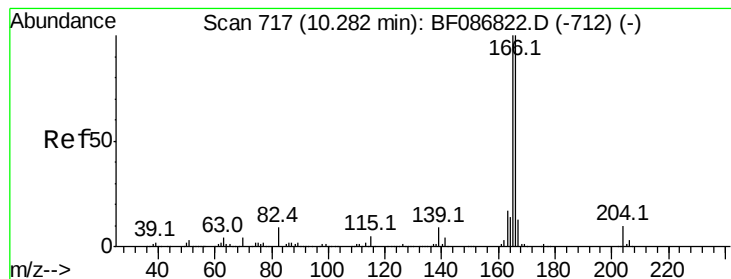
Delta R.T. -0.01 min

Lab File: BF086865.D

Acq: 10 May 2016 17:47

Tgt Ion:165	Resp:	241856
Ion Ratio	Lower	Upper
165	100	
63	89.2	44.3 66.5#
89	100.0	70.0 105.0
182	2.3	1.8 2.6





#57

Fluorene

Concen: 39.59 ng

RT: 10.27 min Scan# 716

Delta R.T. -0.01 min

Lab File: BF086865.D

Acq: 10 May 2016 17:47

Instrument :

BNA_F

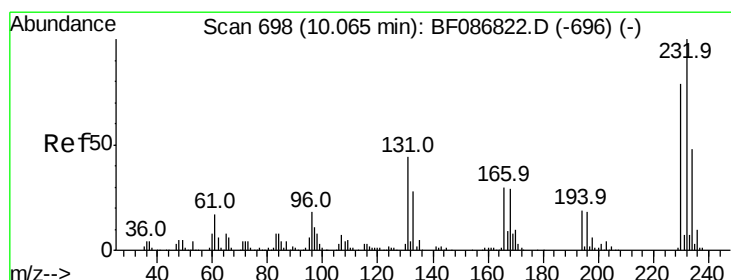
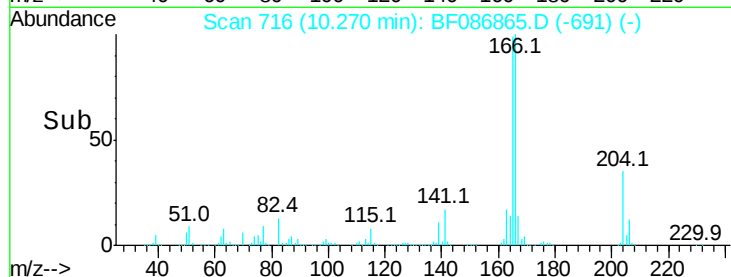
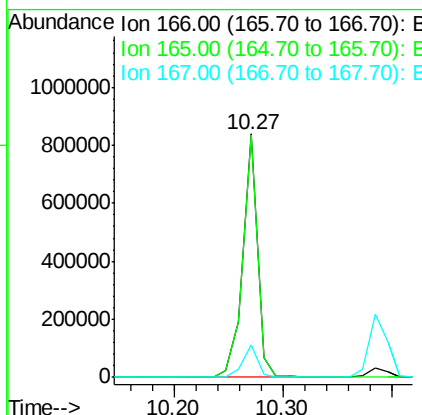
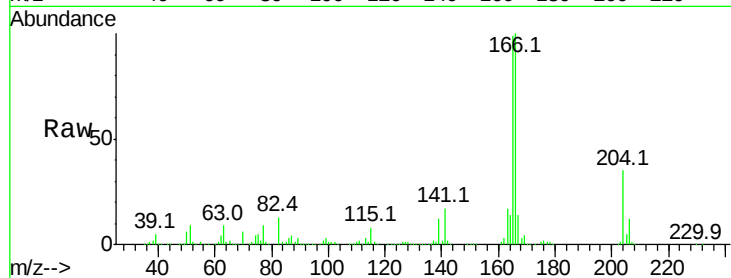
ClientSampleId :

PB90444BSD

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Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	99.4	79.0	118.6	
167	13.5	10.6	15.8	



#58

2,3,4,6-Tetrachlorophenol

Concen: 44.16 ng

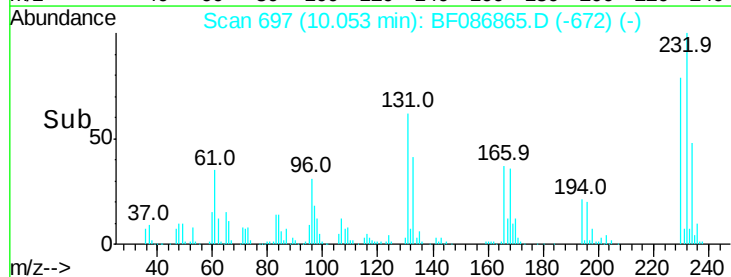
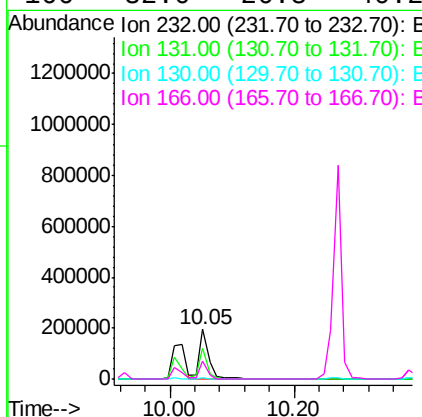
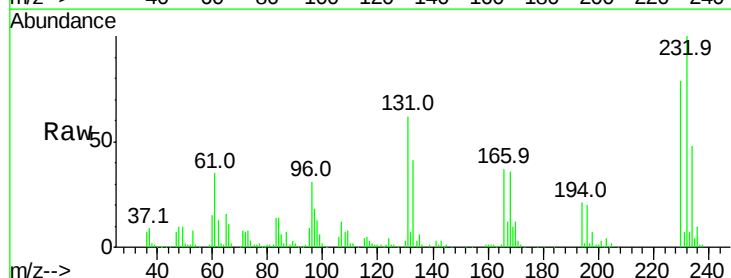
RT: 10.05 min Scan# 697

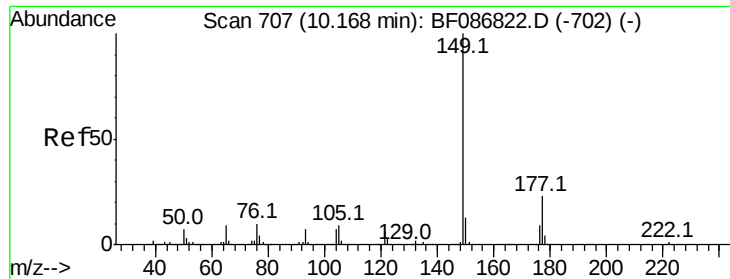
Delta R.T. -0.01 min

Lab File: BF086865.D

Acq: 10 May 2016 17:47

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	53.5	41.9	62.9	
130	2.8	2.2	3.4	
166	32.0	26.8	40.2	





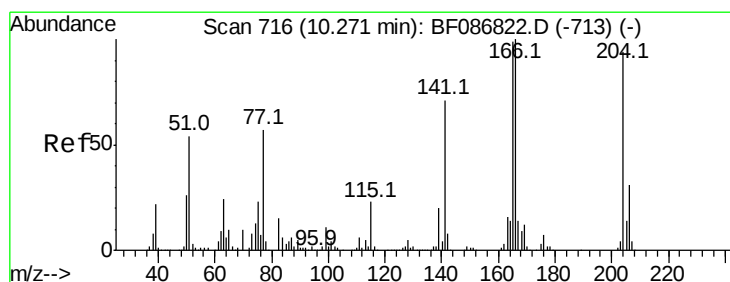
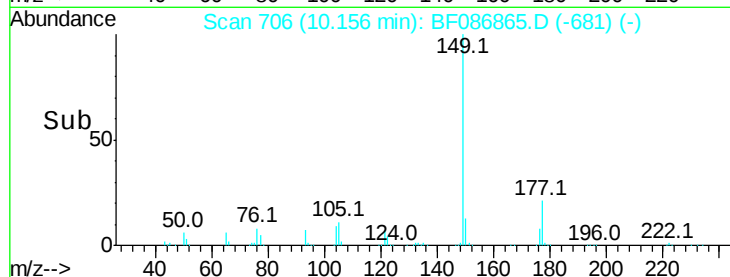
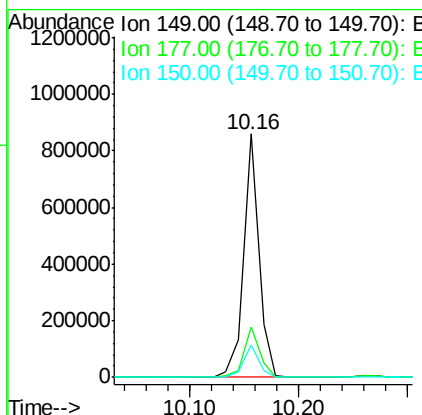
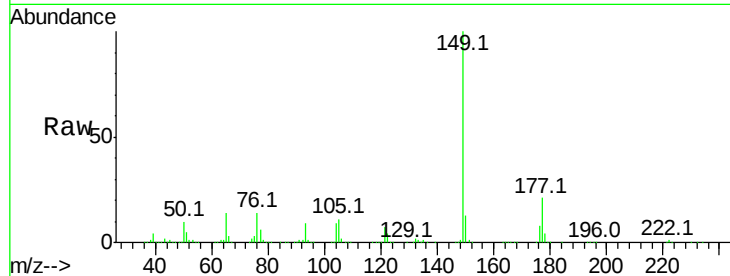
#59
Diethylphthalate
Concen: 35.50 ng
RT: 10.16 min Scan# 706
Delta R.T. -0.01 min
Lab File: BF086865.D
Acq: 10 May 2016 17:47

Instrument :
BNA_F
ClientSampleId :
PB90444BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	830780		
177	20.9	16.6	24.8	
150	13.1	10.0	15.0	

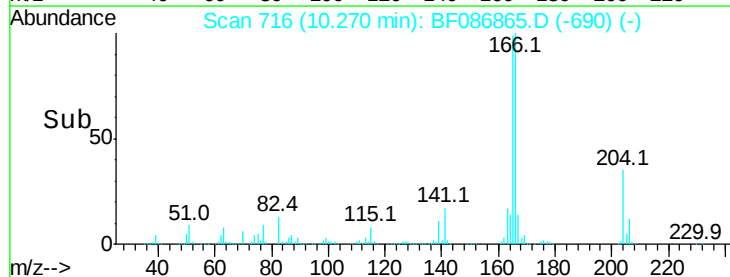
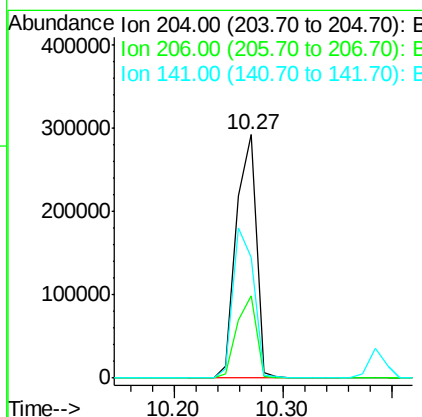
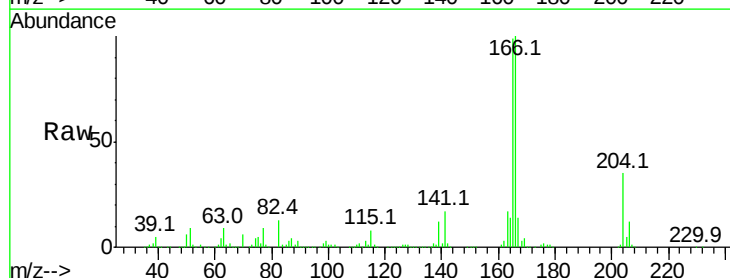
Manual Integrations
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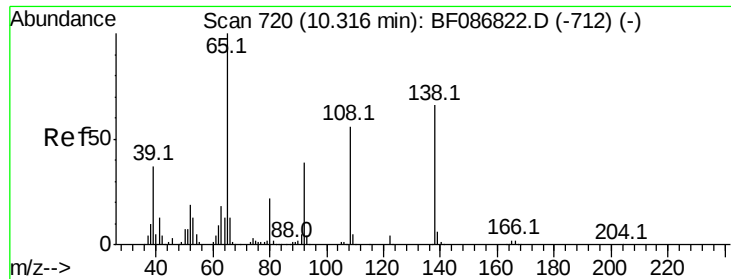
sohil
5/11/2016 8:15:38 PM



#60
4-Chlorophenyl-phenylether
Concen: 42.51 ng
RT: 10.27 min Scan# 716
Delta R.T. 0.00 min
Lab File: BF086865.D
Acq: 10 May 2016 17:47

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	368510		
206	33.9	25.4	38.0	
141	49.5	61.6	92.4#	





#61

4-Nitroaniline

Concen: 41.64 ng

RT: 10.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BF086865.D

Acq: 10 May 2016 17:47

Instrument :

BNA_F

ClientSampleId :

PB90444BSD

Tot Ion:138 Resp: 212817

Ion Ratio Lower Upper

138 100

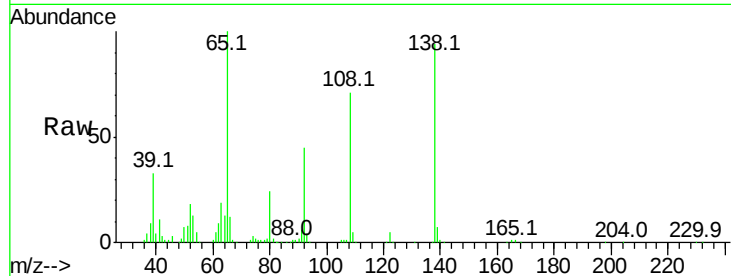
92 47.5 24.7 64.7

108 75.8 37.4 77.4

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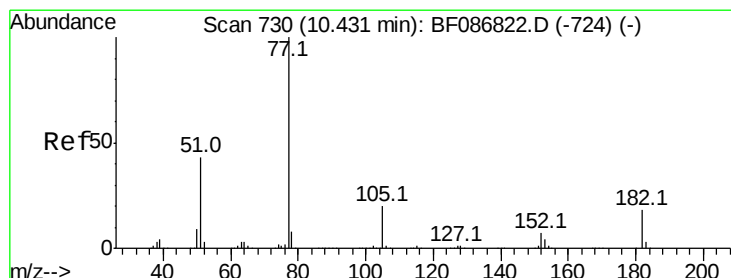
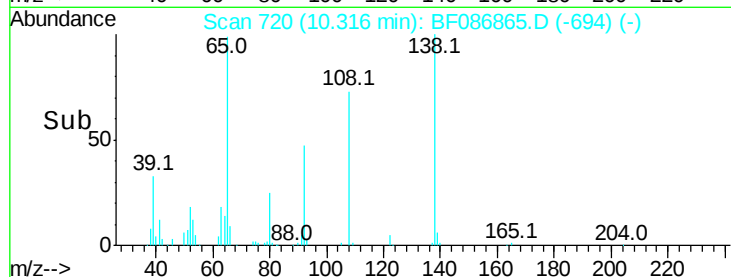
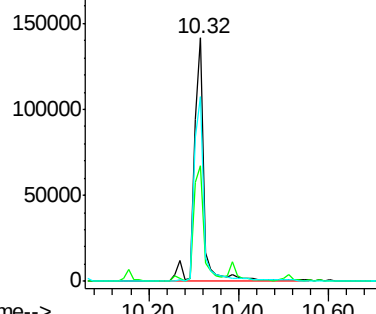
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 40.81 ng

RT: 10.42 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF086865.D

Acq: 10 May 2016 17:47

Tgt Ion: 77 Resp: 1030567

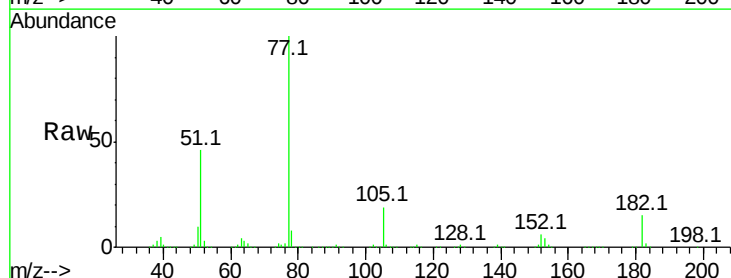
Ion Ratio Lower Upper

77 100

182 14.8 0.0 38.8

105 19.3 3.2 43.2

51 45.6 8.8 48.8

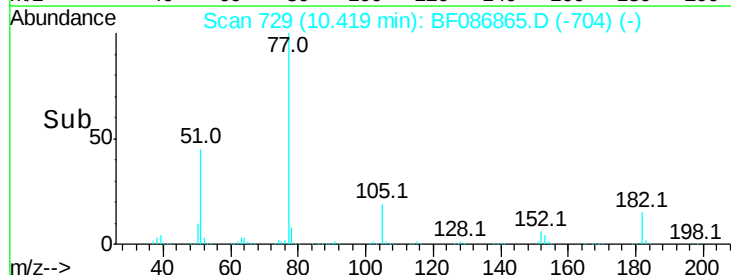
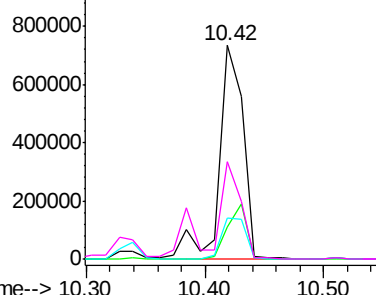


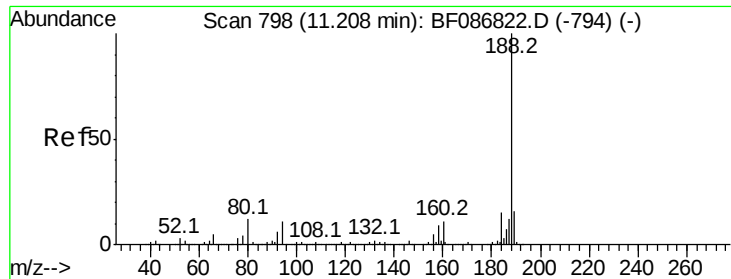
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.20 min Scan# 797

Delta R.T. -0.01 min

Lab File: BF086865.D

Acq: 10 May 2016 17:47

Instrument :

BNA_F

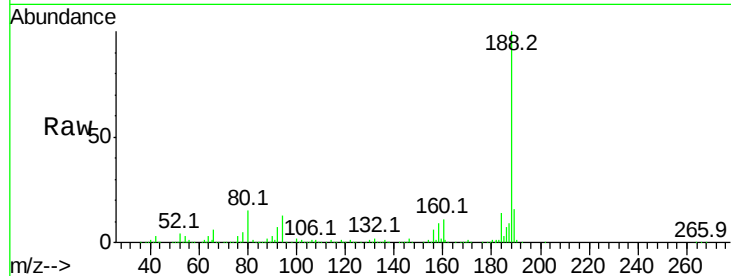
ClientSampleId :

PB90444BSD

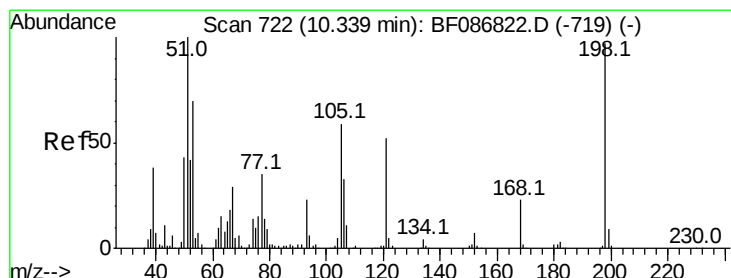
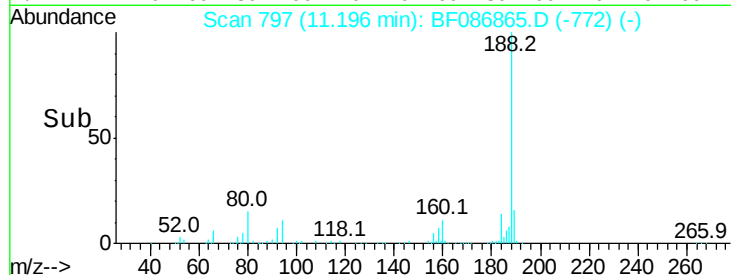
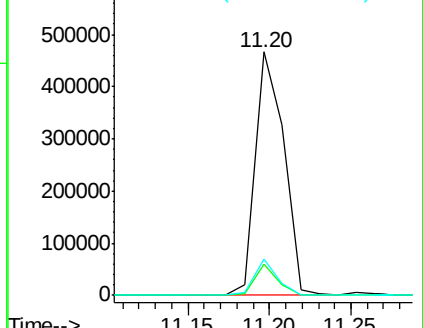
Tot Ion:	188	Resp:	568626
Ion Ratio	Lower	Upper	
188	100		
94	13.0	6.8	10.2#
80	14.8	7.1	10.7#

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Abundance Ion 188.00 (187.70 to 188.70): E



#64

4,6-Dinitro-2-methylphenol

Concen: 43.72 ng

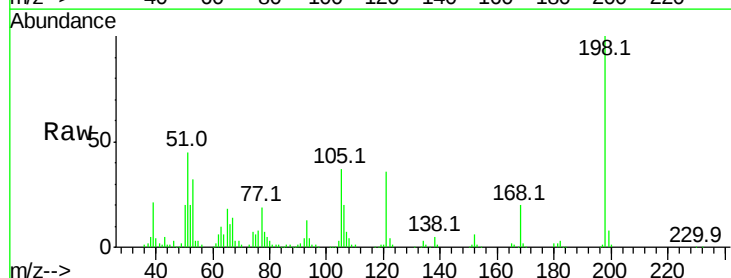
RT: 10.34 min Scan# 722

Delta R.T. -0.00 min

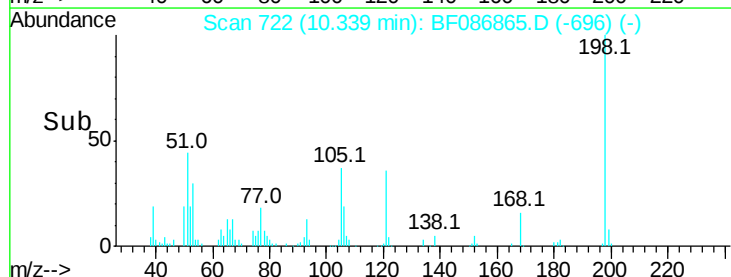
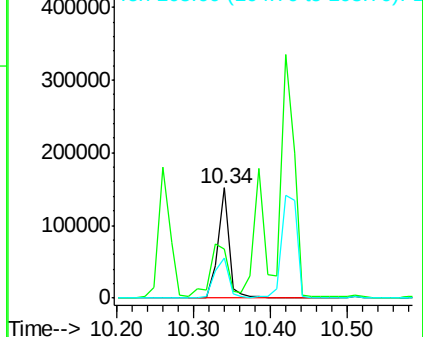
Lab File: BF086865.D

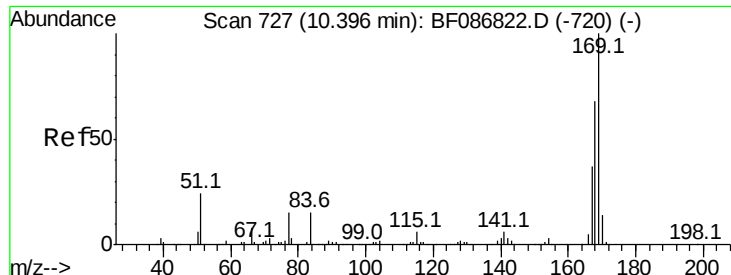
Acq: 10 May 2016 17:47

Tgt Ion:	198	Resp:	154453
Ion Ratio	Lower	Upper	
198	100		
51	44.6	20.5	60.5
105	36.9	24.5	64.5



Abundance Ion 198.00 (197.70 to 198.70): E





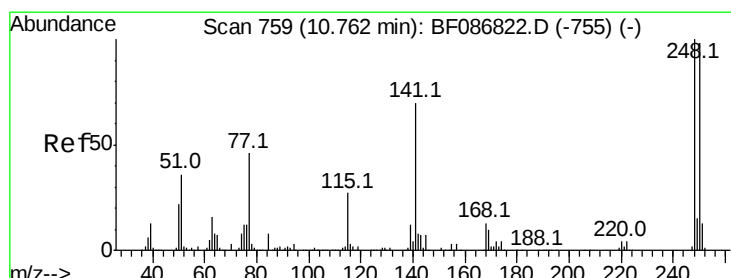
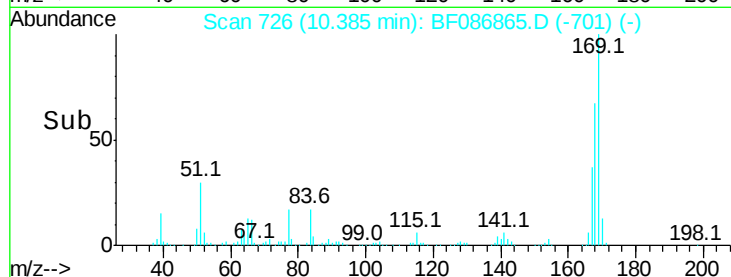
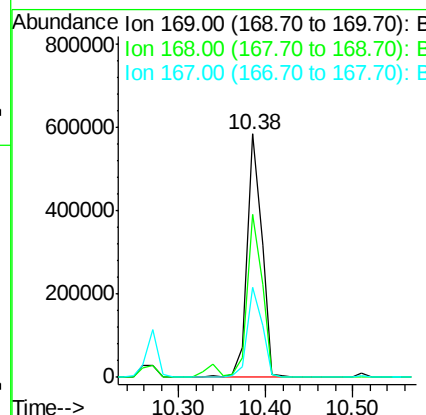
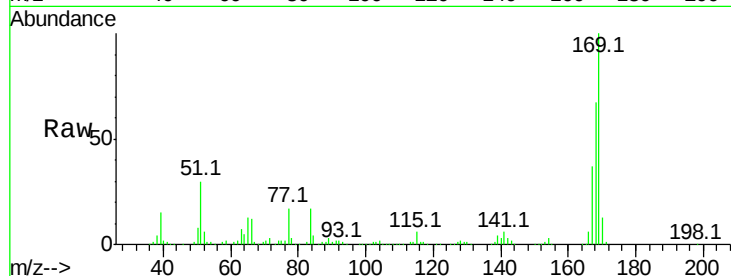
#65
n-Nitrosodiphenylamine
Concen: 39.32 ng
RT: 10.38 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF086865.D
Acq: 10 May 2016 17:47

Instrument :
BNA_F
ClientSampleId :
PB90444BSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	686847		
168	66.8	53.8	80.6	
167	37.2	29.5	44.3	

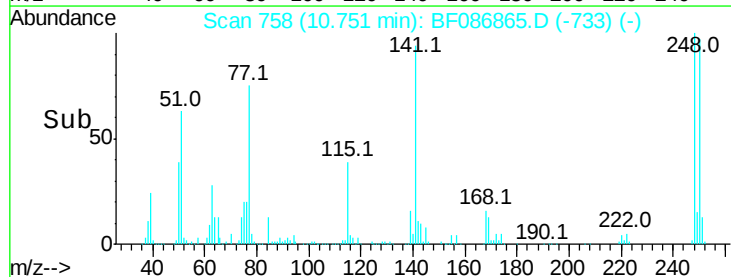
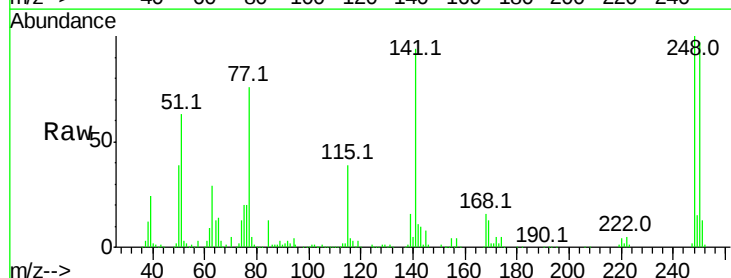
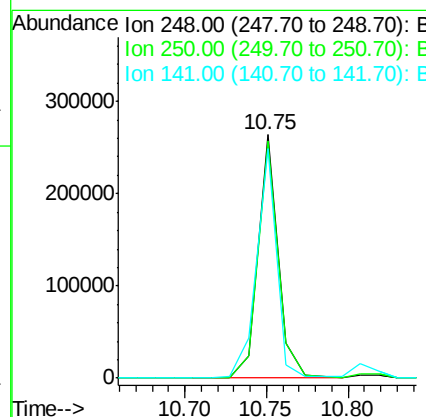
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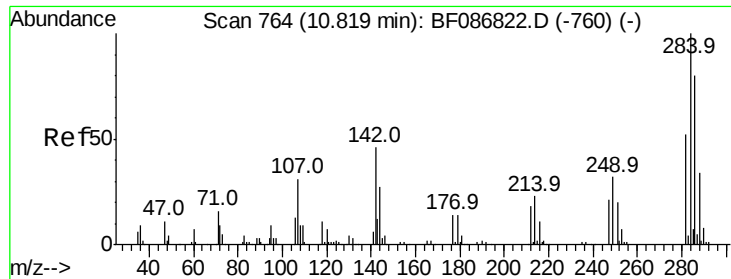
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#66
4-Bromophenyl-phenylether
Concen: 39.60 ng
RT: 10.75 min Scan# 758
Delta R.T. -0.01 min
Lab File: BF086865.D
Acq: 10 May 2016 17:47

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	228316		
250	97.4	78.6	117.8	
141	94.1	76.0	114.0	





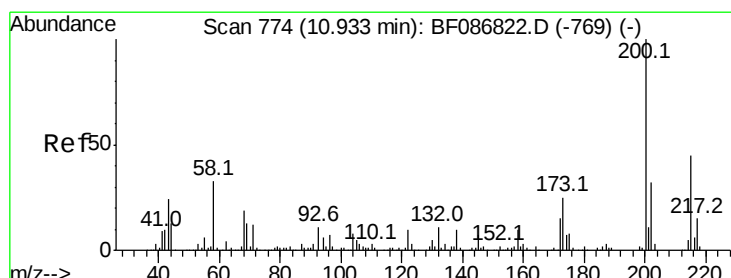
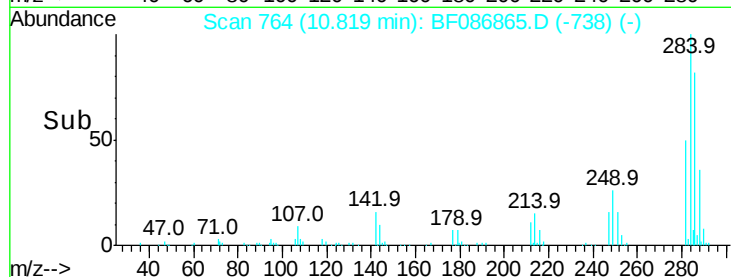
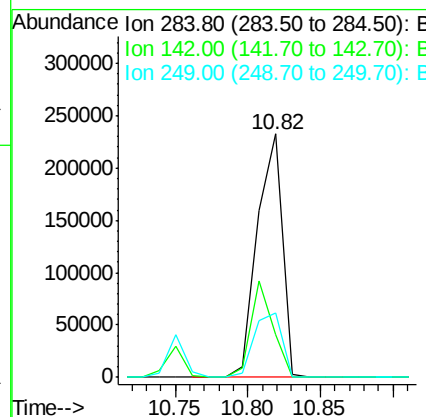
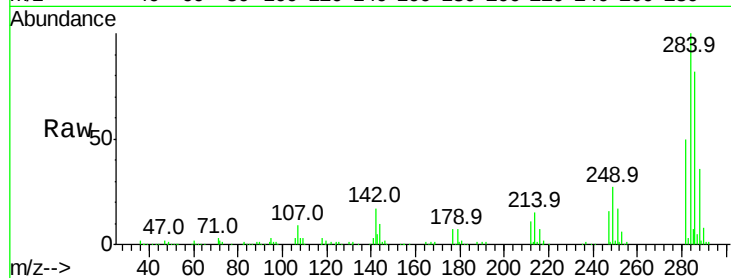
#67
Hexachlorobenzene
Concen: 41.34 ng
RT: 10.82 min Scan# 764
Delta R.T. -0.00 min
Lab File: BF086865.D
Acq: 10 May 2016 17:47

Instrument :
BNA_F
ClientSampleId :
PB90444BSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	17.4	16.7	25.1	
249	26.7	21.3	31.9	

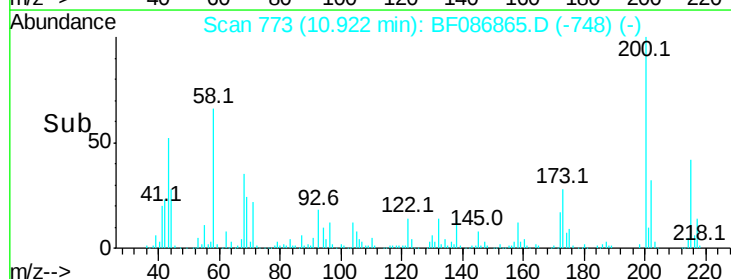
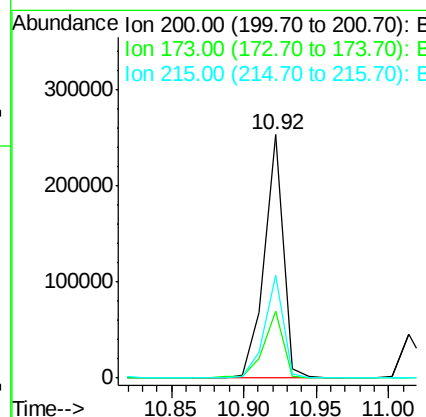
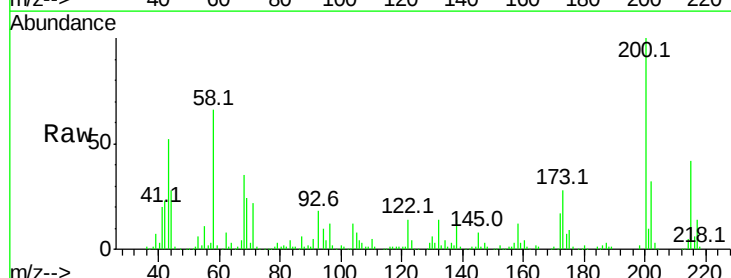
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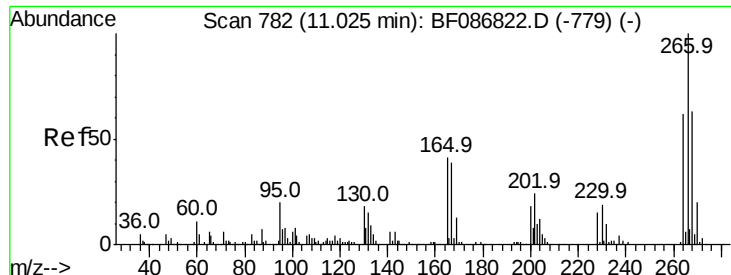
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#68
Atrazine
Concen: 39.61 ng
RT: 10.92 min Scan# 773
Delta R.T. -0.01 min
Lab File: BF086865.D
Acq: 10 May 2016 17:47

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	27.7	8.5	48.5	
215	42.3	27.2	67.2	





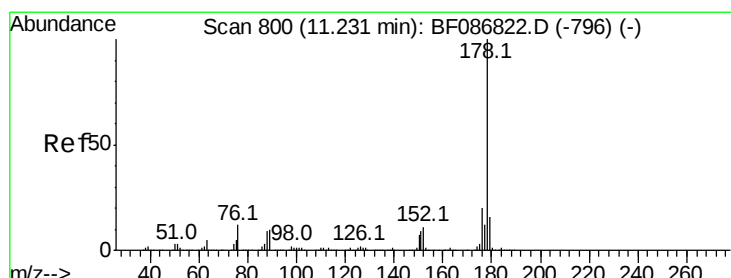
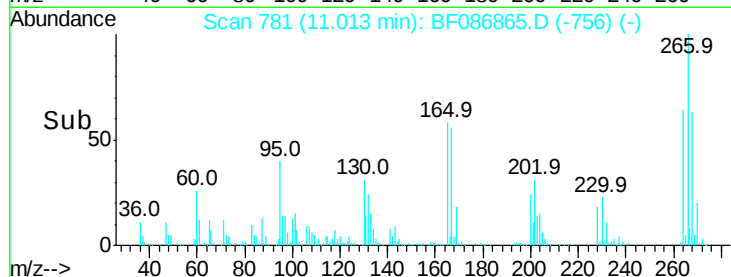
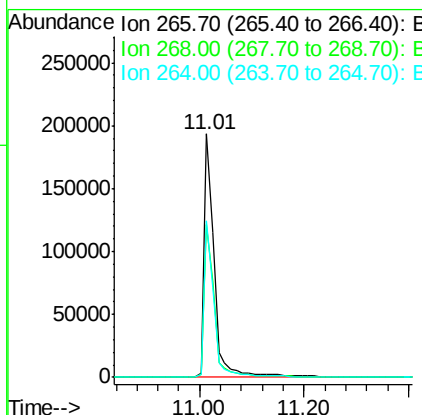
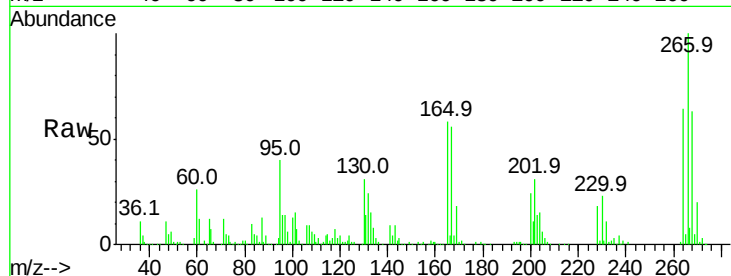
#69
 Pentachlorophenol
 Concen: 84.16 ng
 RT: 11.01 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: BF086865.D
 Acq: 10 May 2016 17:47

Instrument :
 BNA_F
 ClientSampleId :
 PB90444BSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	262060		
268	62.7	51.5	77.3	
264	64.4	52.9	79.3	

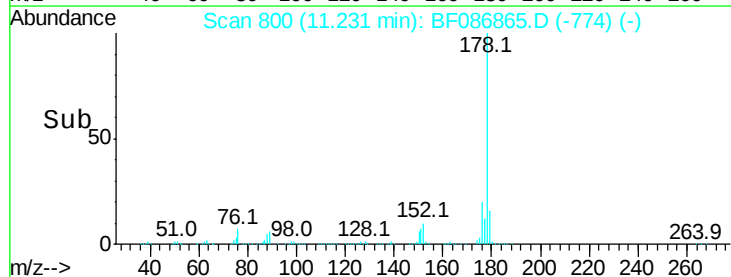
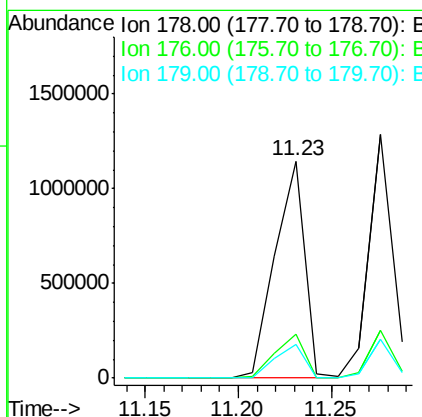
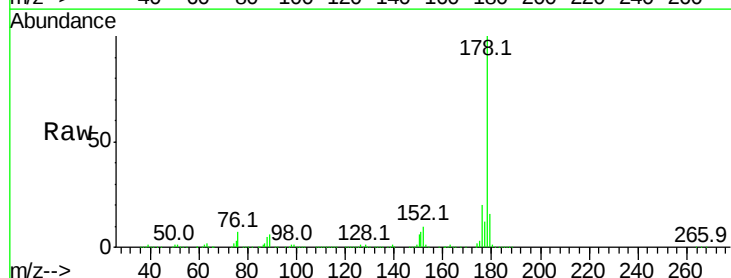
Manual Integrations
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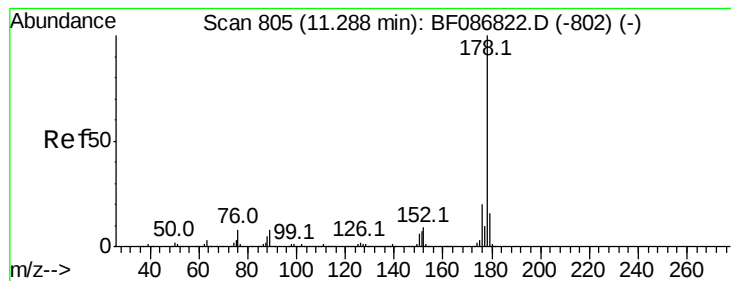
sohil
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#70
 Phenanthrene
 Concen: 41.99 ng
 RT: 11.23 min Scan# 800
 Delta R.T. -0.00 min
 Lab File: BF086865.D
 Acq: 10 May 2016 17:47

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1274151		
176	20.1	16.0	24.0	
179	15.6	12.6	18.8	





#71

Anthracene

Concen: 37.21 ng

RT: 11.28 min Scan# 804

Delta R.T. -0.01 min

Lab File: BF086865.D

Acq: 10 May 2016 17:47

Instrument :

BNA_F

ClientSampleId :

PB90444BSD

Tot Ion:178 Resp: 1154786

Ion Ratio Lower Upper

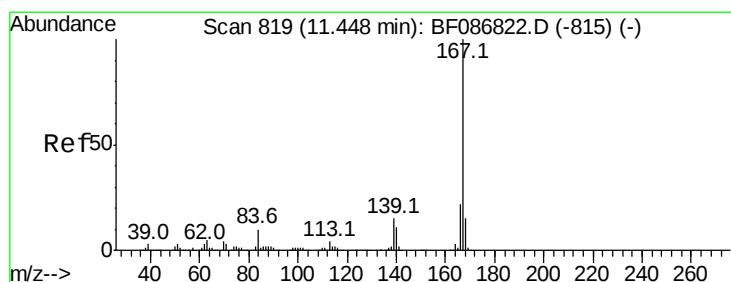
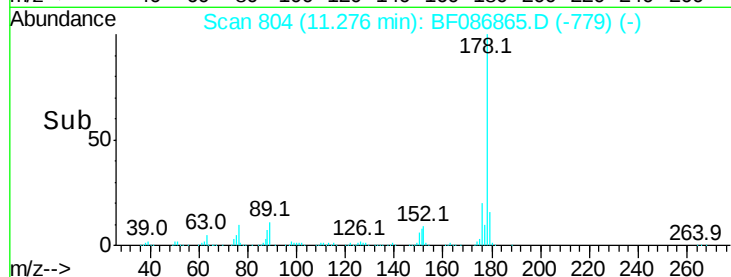
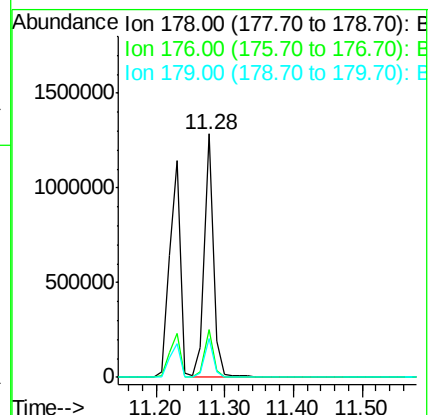
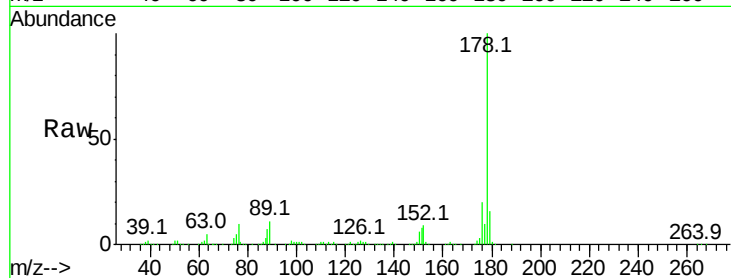
178 100

176 19.7 15.6 23.4

179 15.9 12.7 19.1

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#72

Carbazole

Concen: 38.09 ng

RT: 11.44 min Scan# 818

Delta R.T. -0.01 min

Lab File: BF086865.D

Acq: 10 May 2016 17:47

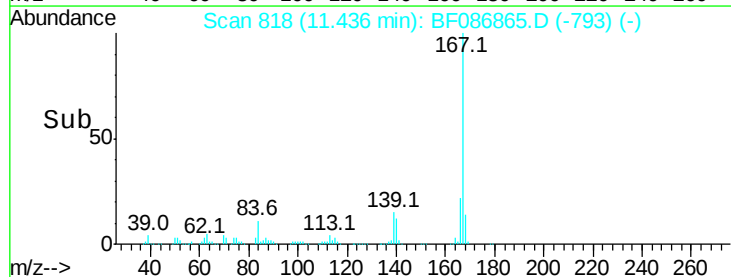
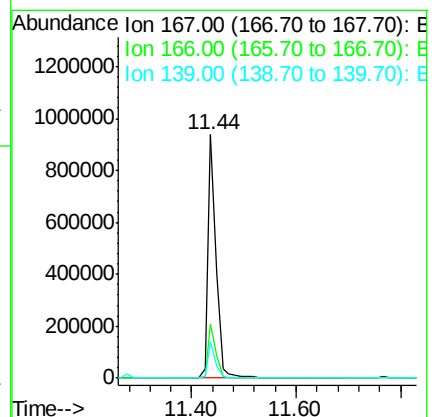
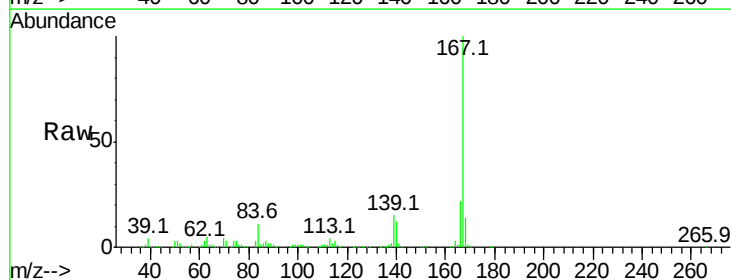
Tgt Ion:167 Resp: 1016251

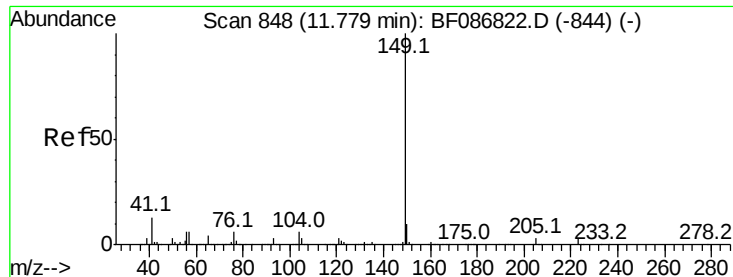
Ion Ratio Lower Upper

167 100

166 22.1 17.7 26.5

139 15.1 10.8 16.2





#73

Di-n-butylphthalate

Concen: 39.43 ng

RT: 11.77 min Scan# 847

Delta R.T. -0.01 min

Lab File: BF086865.D

Acq: 10 May 2016 17:47

Instrument :

BNA_F

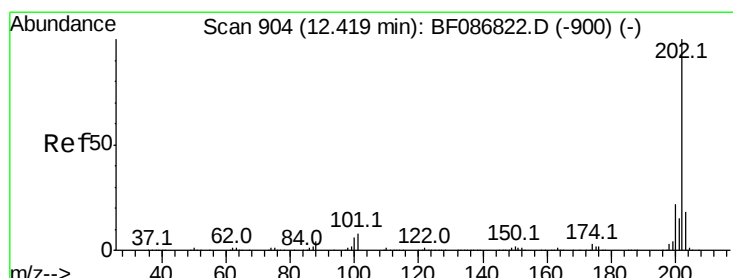
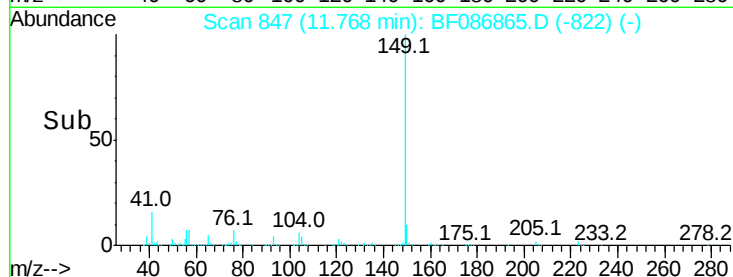
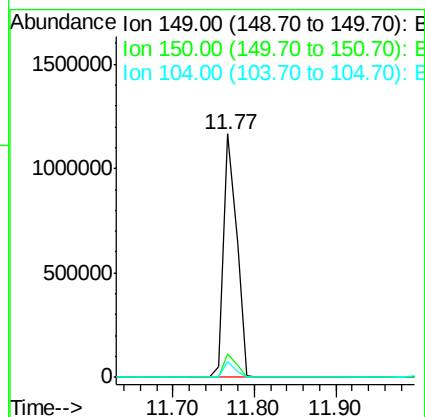
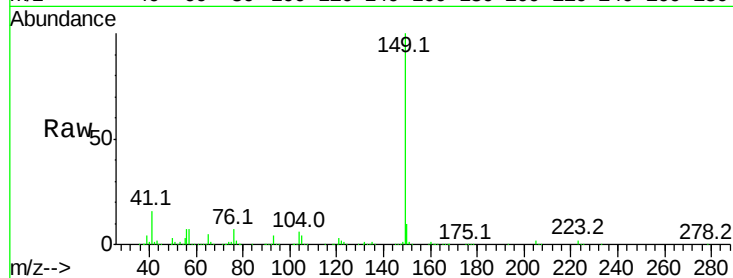
ClientSampleId :

PB90444BSD

Tot Ion:	149	Resp:	1284607
Ion Ratio	Lower	Upper	
149	100		
150	9.6	7.6	11.4
104	6.3	3.8	5.6#

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#74

Fluoranthene

Concen: 39.36 ng

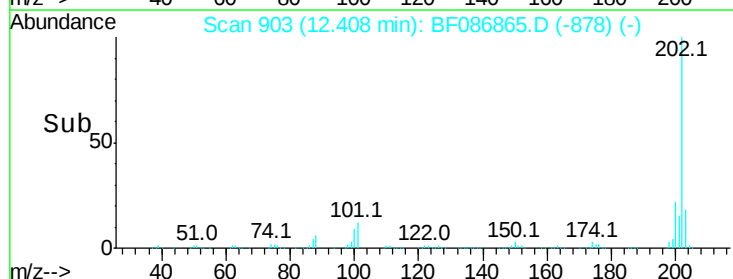
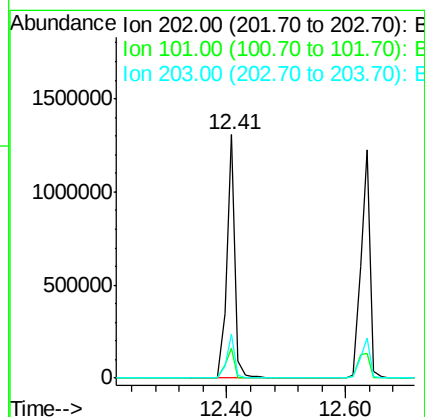
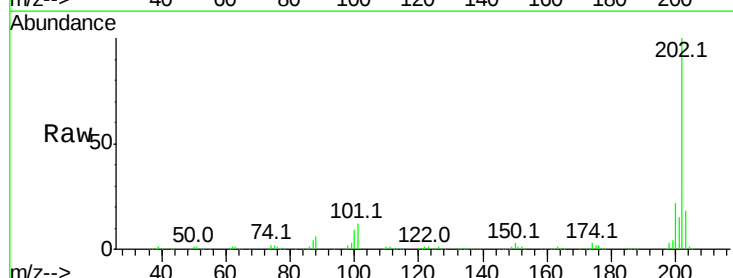
RT: 12.41 min Scan# 903

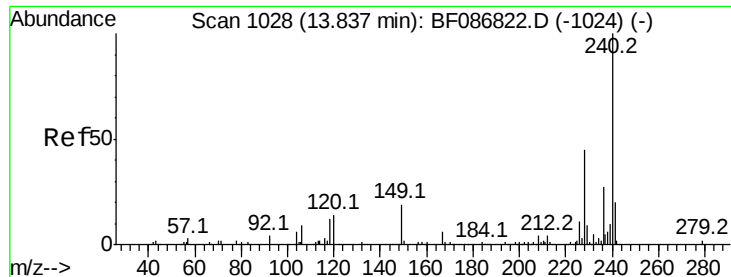
Delta R.T. -0.01 min

Lab File: BF086865.D

Acq: 10 May 2016 17:47

Tgt Ion:	202	Resp:	1228357
Ion Ratio	Lower	Upper	
202	100		
101	12.4	0.0	35.4
203	18.0	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.84 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BF086865.D

Acq: 10 May 2016 17:47

Instrument :

BNA_F

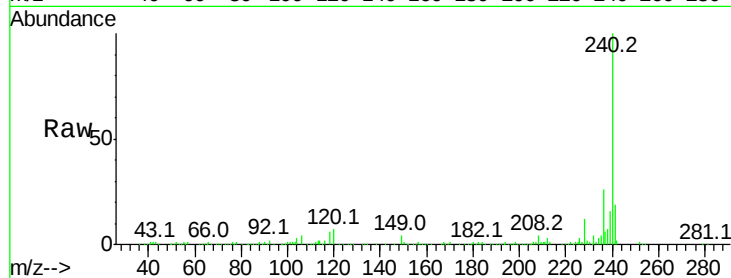
ClientSampleId :

PB90444BSD

Tot Ion	Ratio	Resp	Lower	Upper
240	100	395066		
120	6.6	11.2	16.8	
236	25.8	21.2	31.8	

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Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

13.84

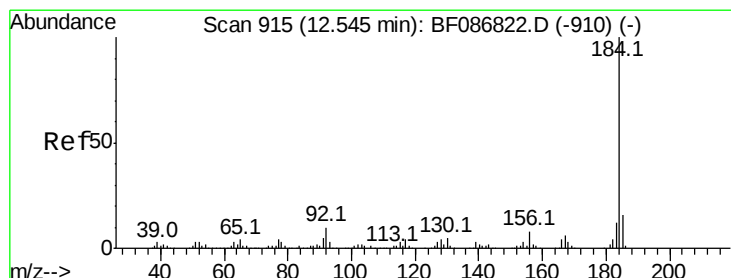
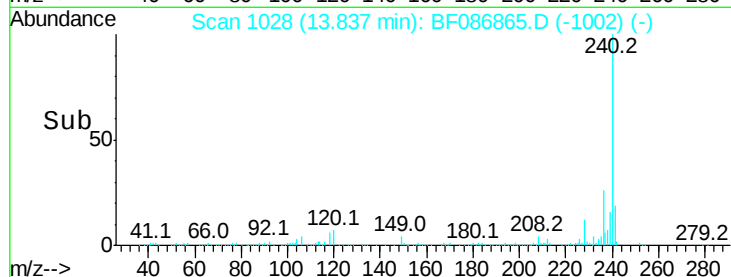
300000

200000

100000

0

Time--> 13.70 13.80 13.90 14.00



#76

Benzidine

Concen: 20.34 ng

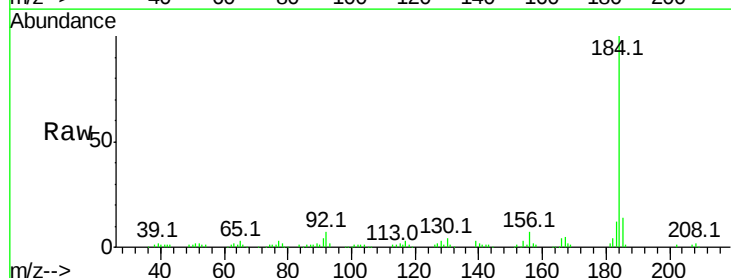
RT: 12.54 min Scan# 915

Delta R.T. -0.00 min

Lab File: BF086865.D

Acq: 10 May 2016 17:47

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	204890		
185	13.8	13.6	20.4	
183	11.6	9.8	14.6	



Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

12.54

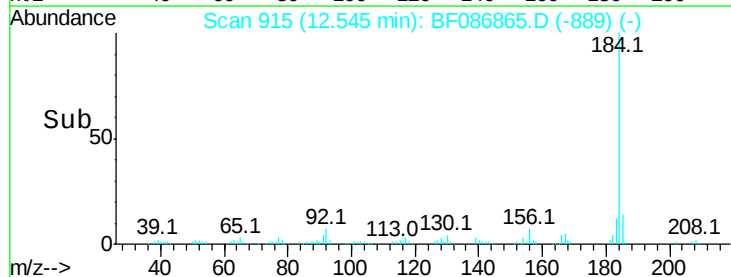
150000

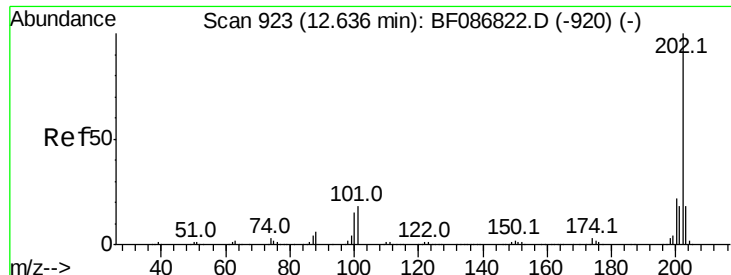
100000

50000

0

Time--> 12.40 12.60 12.80





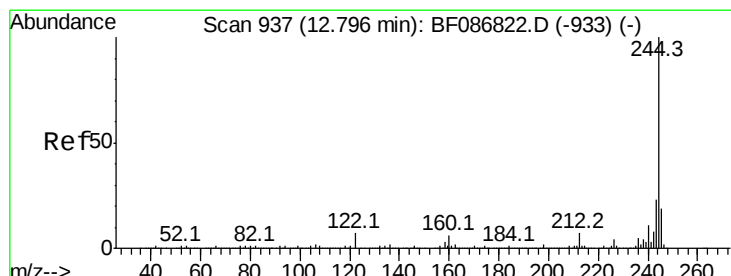
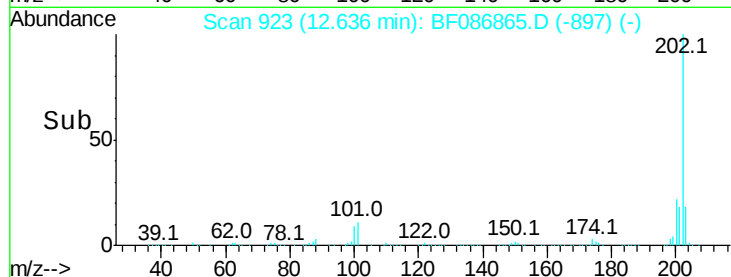
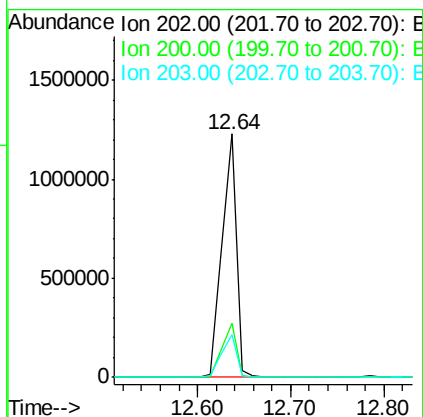
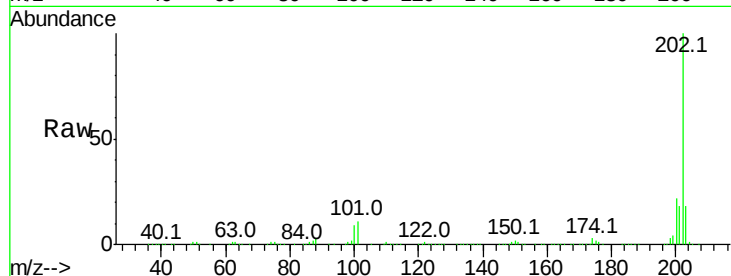
#77
Pvrene
Concen: 42.93 ng
RT: 12.64 min Scan# 923
Delta R.T. -0.00 min
Lab File: BF086865.D
Acq: 10 May 2016 17:47

Instrument :
BNA_F
ClientSampleId :
PB90444BSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.7	26.5
203	17.7	14.2	21.4

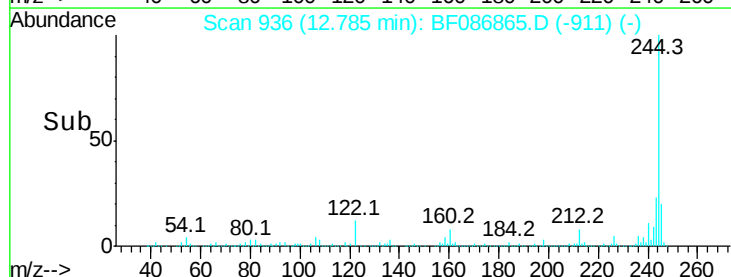
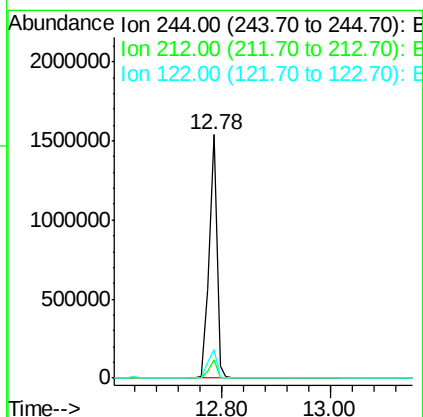
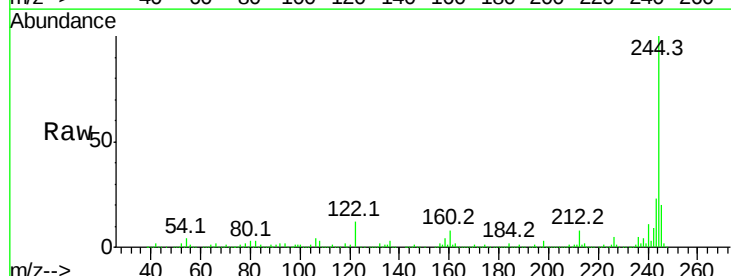
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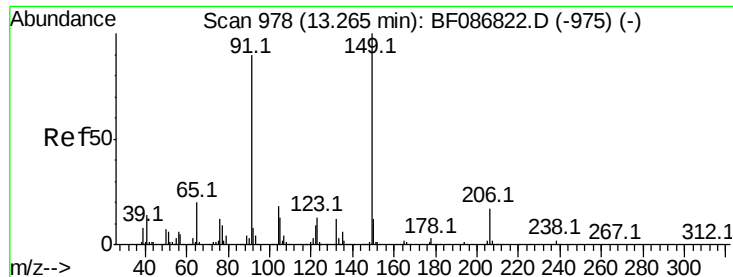
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#78
Terphenyl-d14
Concen: 81.85 ng
RT: 12.78 min Scan# 936
Delta R.T. -0.01 min
Lab File: BF086865.D
Acq: 10 May 2016 17:47

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.2	9.2
122	11.5	12.0	18.0#





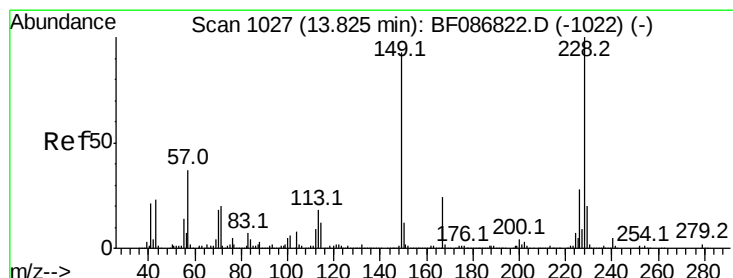
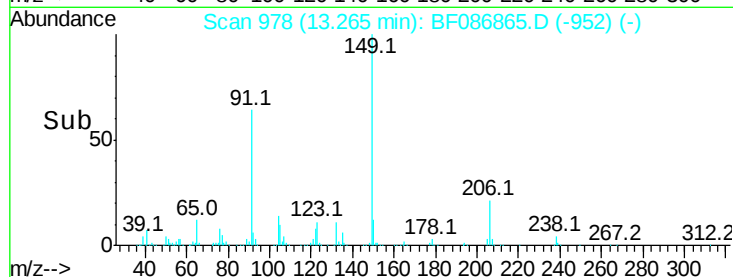
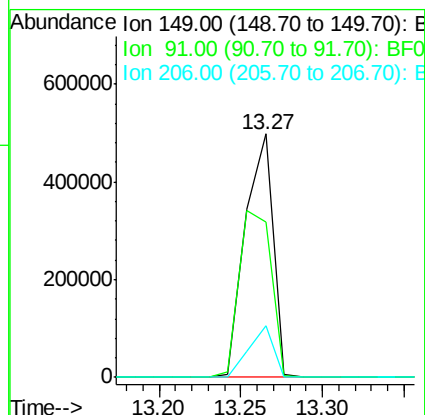
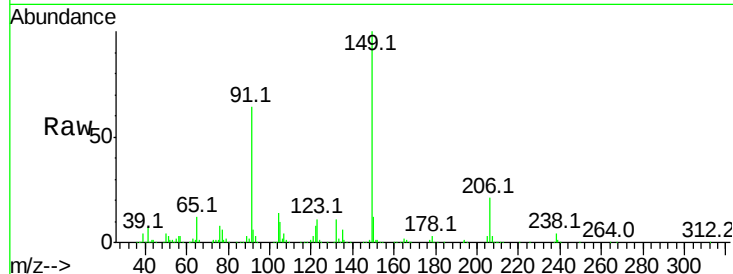
#79
Butylbenzylphthalate
Concen: 46.04 ng
RT: 13.27 min Scan# 978
Delta R.T. -0.00 min
Lab File: BF086865.D
Acq: 10 May 2016 17:47

Instrument :
BNA_F
ClientSampleId :
PB90444BSD

Tot Ion	Ratio	Resp Lower	Upper
149	100		
91	63.8	48.0	72.0
206	21.5	15.8	23.6

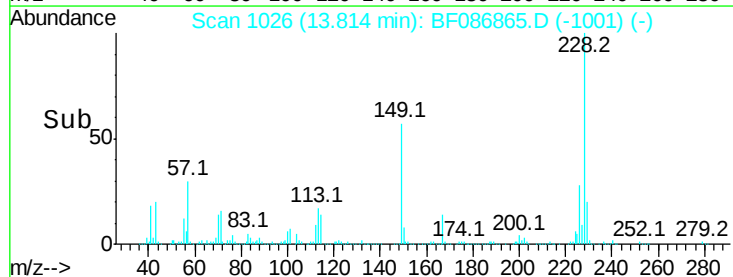
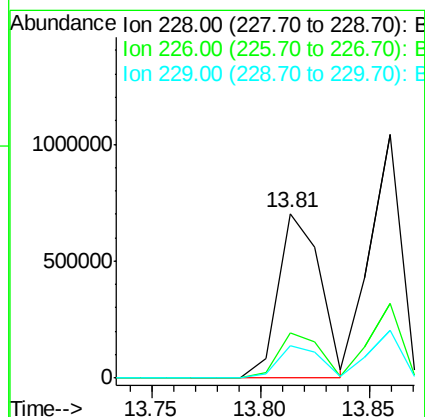
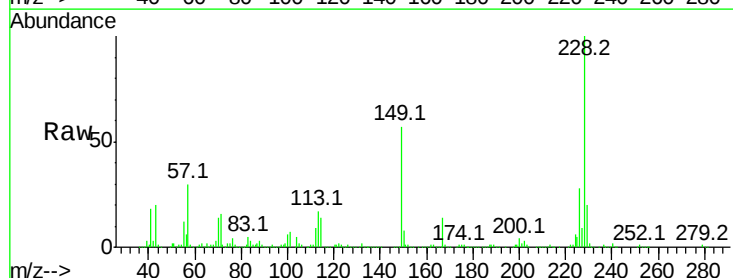
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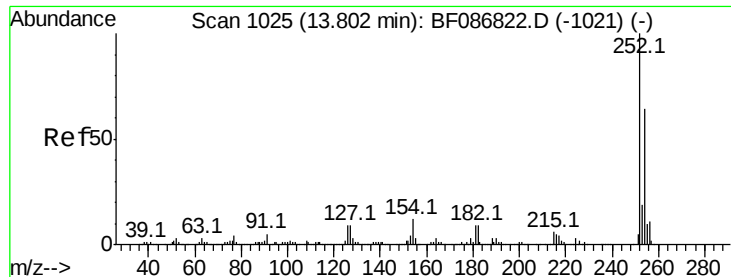
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#80
Benzo(a)anthracene
Concen: 42.76 ng
RT: 13.81 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF086865.D
Acq: 10 May 2016 17:47

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	27.7	22.5	33.7
229	20.0	16.6	25.0





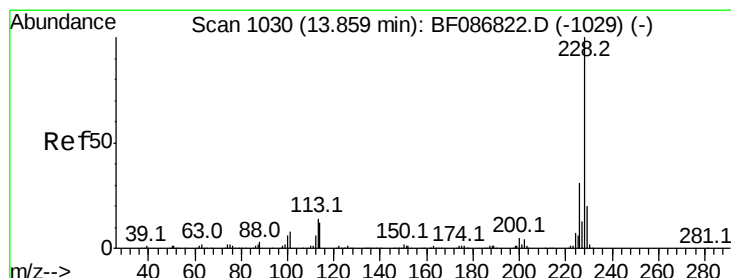
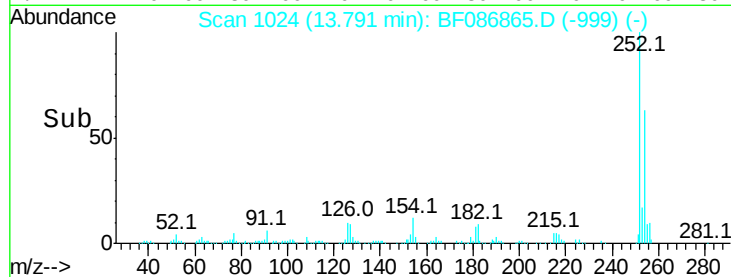
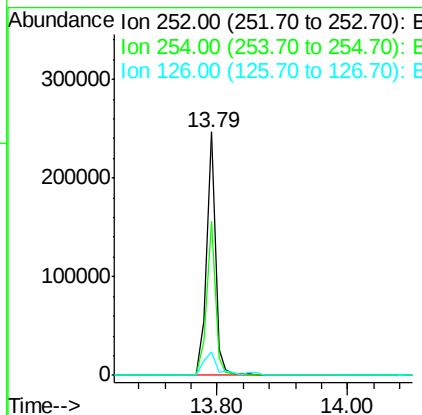
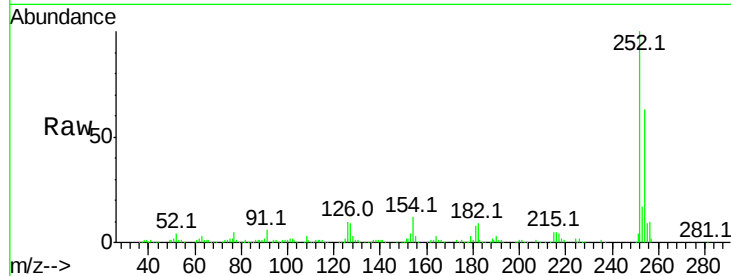
#81
 3,3'-Dichlorobenzidine
 Concen: 16.82 ng
 RT: 13.79 min Scan# 1024
 Delta R.T. -0.01 min
 Lab File: BF086865.D
 Acq: 10 May 2016 17:47

Instrument :
 BNA_F
 ClientSampleId :
 PB90444BSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	237008		
254	63.2		50.7	76.1
126	9.5		12.7	19.1

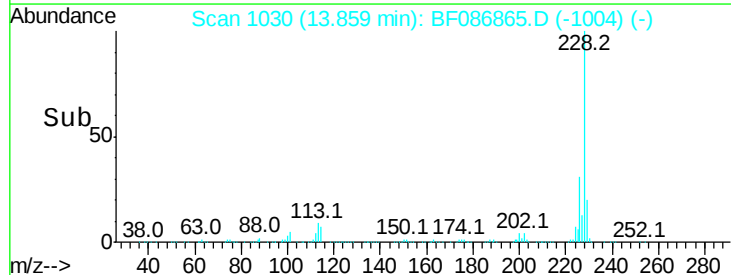
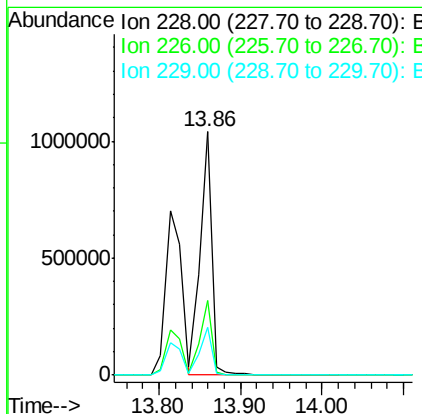
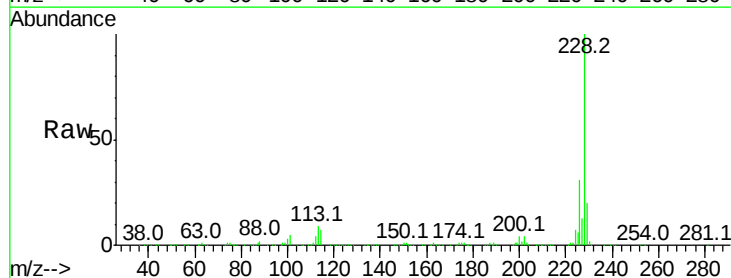
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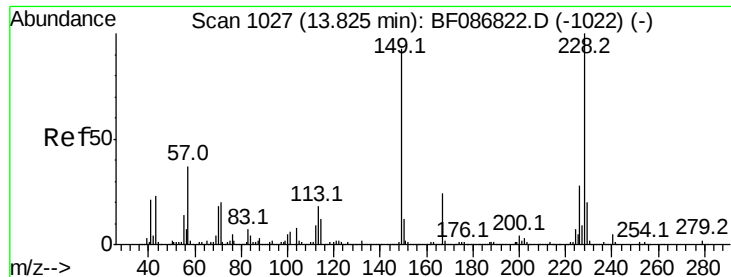
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#82
 Chrysene
 Concen: 46.71 ng
 RT: 13.86 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: BF086865.D
 Acq: 10 May 2016 17:47

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1053833		
226	30.9		24.4	36.6
229	19.8		15.8	23.8





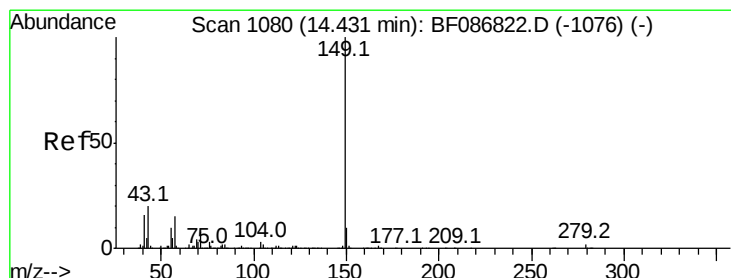
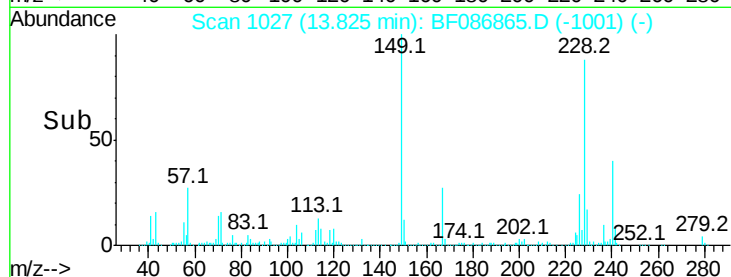
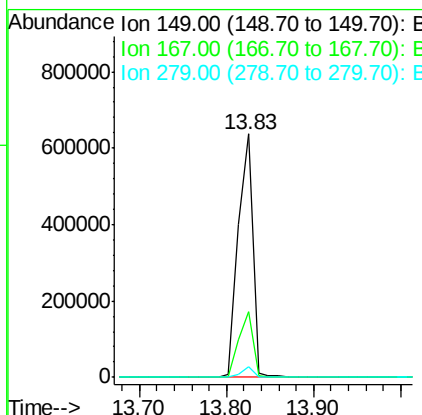
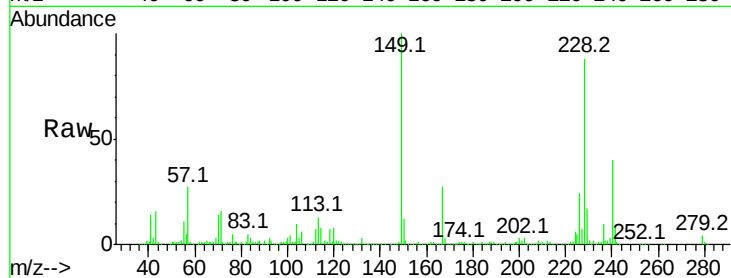
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.55 ng
 RT: 13.83 min Scan# 1027
 Delta R.T. -0.00 min
 Lab File: BF086865.D
 Acq: 10 May 2016 17:47

Instrument :
 BNA_F
 ClientSampleId :
 PB90444BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	731749		
167	27.0		21.8	32.6
279	4.4		2.6	4.0#

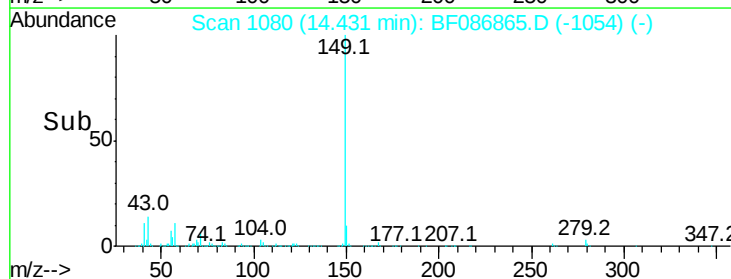
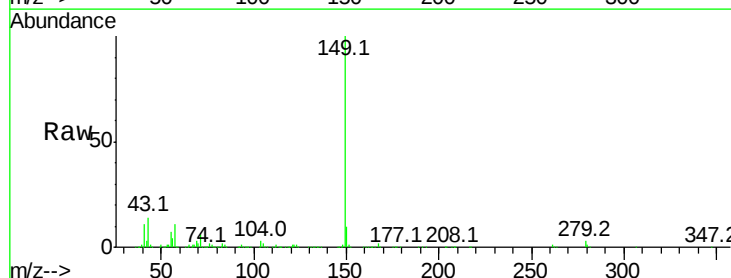
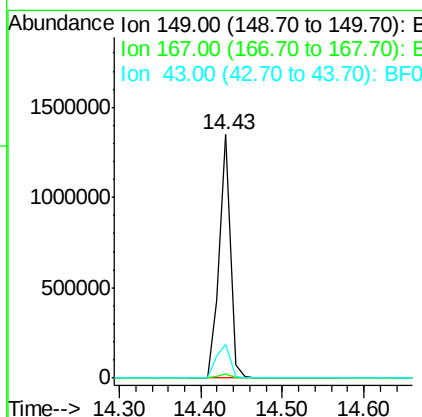
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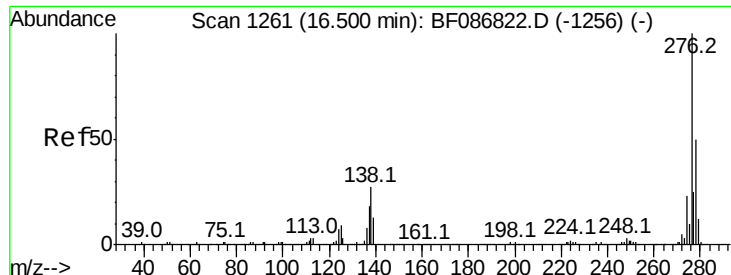
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#84
 Di-n-octyl phthalate
 Concen: 50.20 ng
 RT: 14.43 min Scan# 1080
 Delta R.T. -0.00 min
 Lab File: BF086865.D
 Acq: 10 May 2016 17:47

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1279712		
167	1.5		1.2	1.8
43	16.9		8.2	12.4#





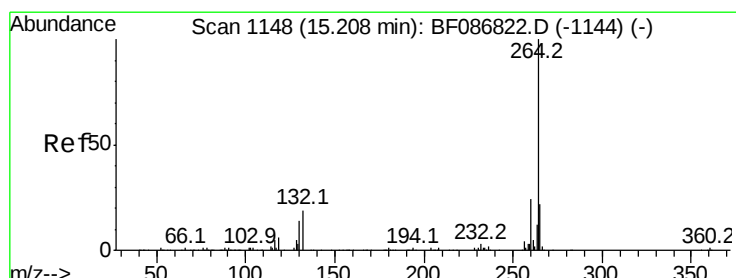
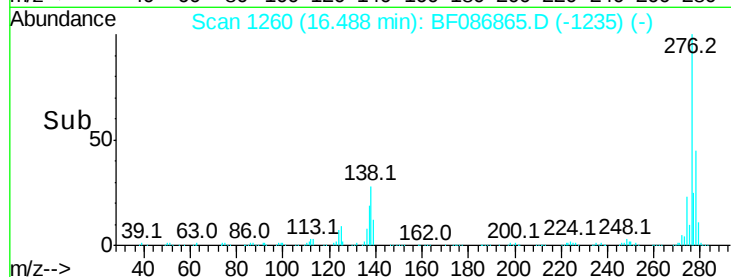
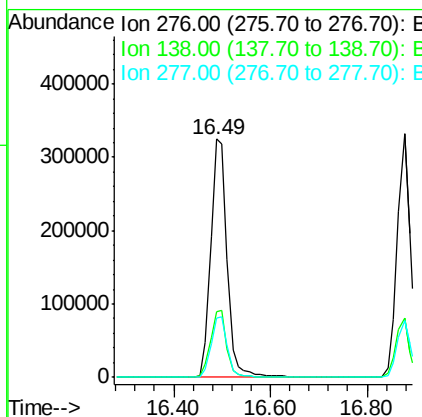
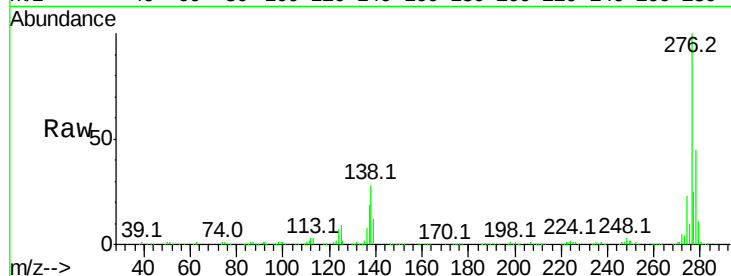
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.71 ng
 RT: 16.49 min Scan# 1260
 Delta R.T. -0.01 min
 Lab File: BF086865.D
 Acq: 10 May 2016 17:47

Instrument :
 BNA_F
 ClientSampleId :
 PB90444BSD

Tot Ion	Ratio	Resp	Lower	Upper
276	100	782916		
138	27.9	25.6	38.4	
277	25.3	20.5	30.7	

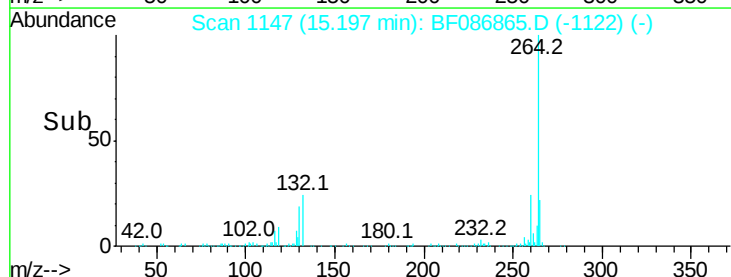
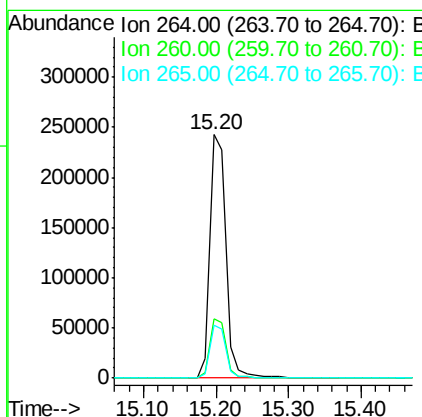
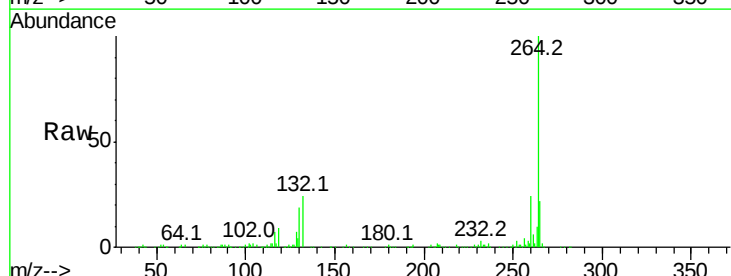
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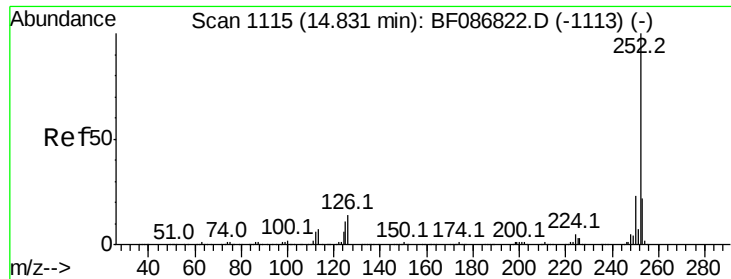
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.20 min Scan# 1147
 Delta R.T. -0.01 min
 Lab File: BF086865.D
 Acq: 10 May 2016 17:47

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	372565		
260	24.3	19.5	29.3	
265	22.0	17.3	25.9	





#87

Benzo(b)fluoranthene

Concen: 47.06 ng m

RT: 14.82 min Scan# 1114

Delta R.T. -0.01 min

Lab File: BF086865.D

Acq: 10 May 2016 17:47

Instrument :

BNA_F

ClientSampled :

PB90444BSD

Tot Ion:252 Resp: 1139465

Ion Ratio Lower Upper

252 100

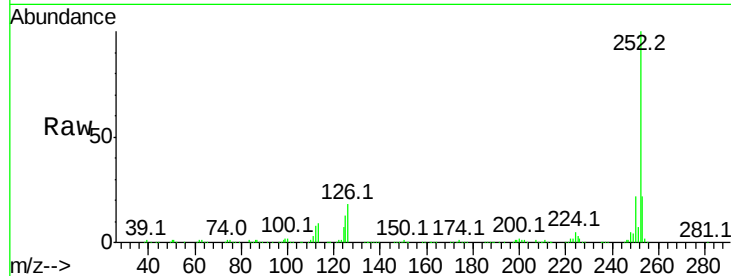
253 22.2 17.8 26.6

125 13.3 11.4 17.0

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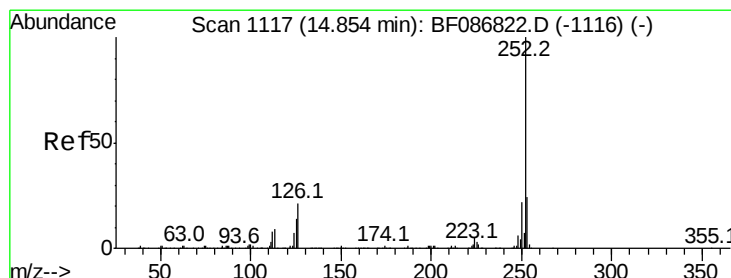
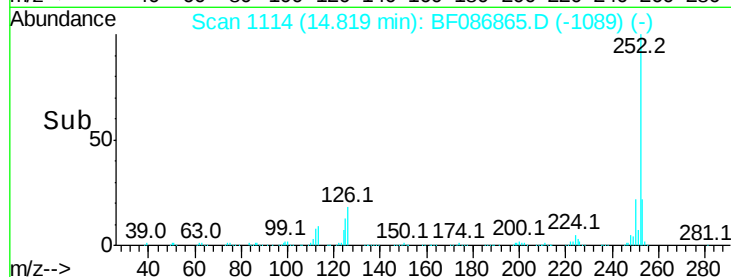
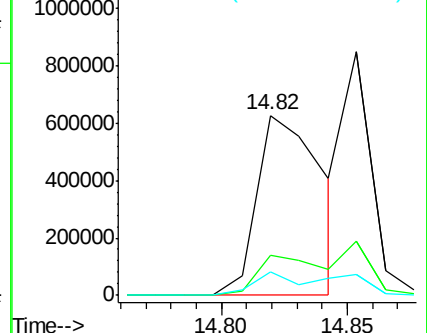
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 34.37 ng m

RT: 14.85 min Scan# 1117

Delta R.T. -0.00 min

Lab File: BF086865.D

Acq: 10 May 2016 17:47

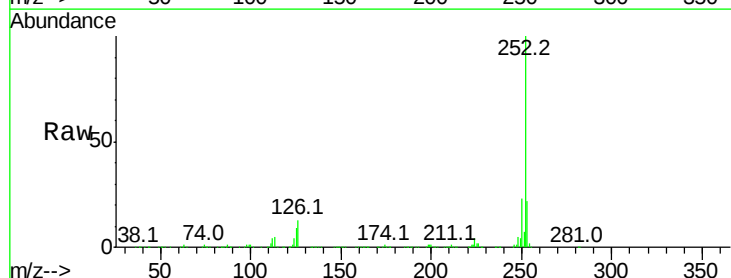
Tgt Ion:252 Resp: 681399

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

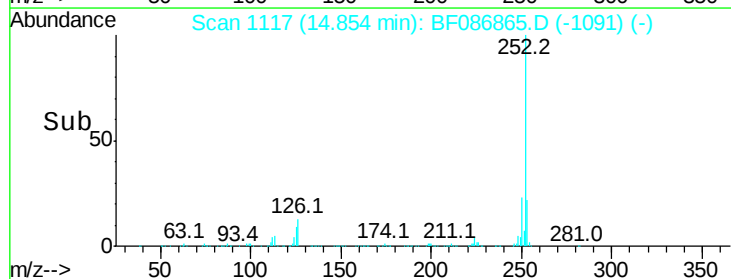
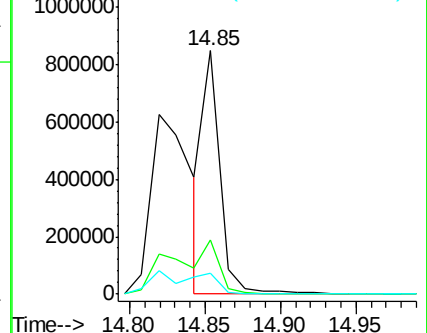
125 8.7 9.1 13.7#

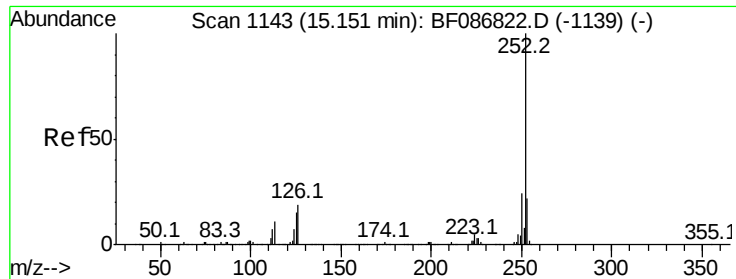


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





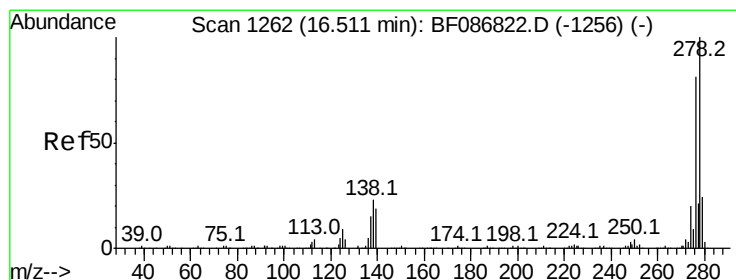
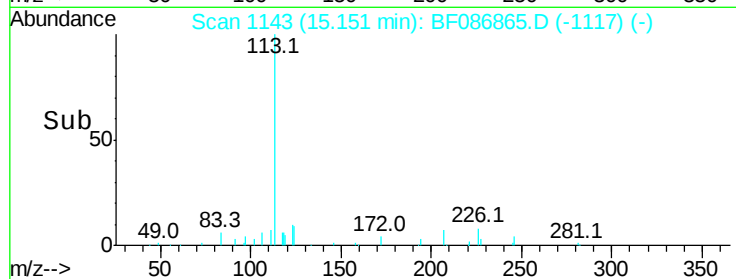
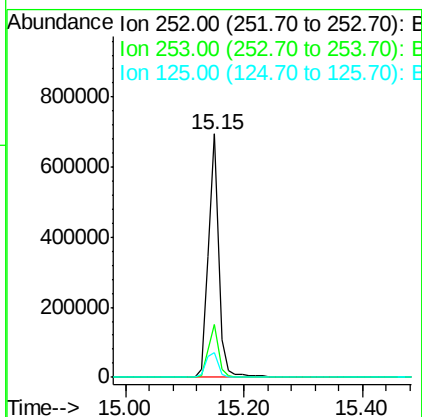
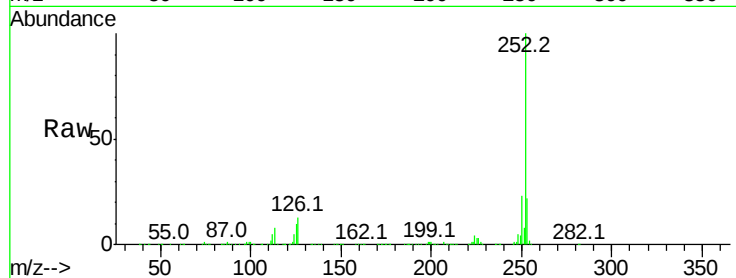
#89
Benzo(a)pyrene
Concen: 40.10 ng
RT: 15.15 min Scan# 1143
Delta R.T. -0.00 min
Lab File: BF086865.D
Acq: 10 May 2016 17:47

Instrument :
BNA_F
ClientSampleId :
PB90444BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.2	25.8
125	10.1	9.0	13.6

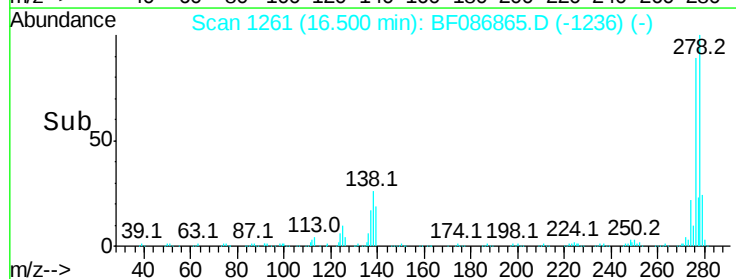
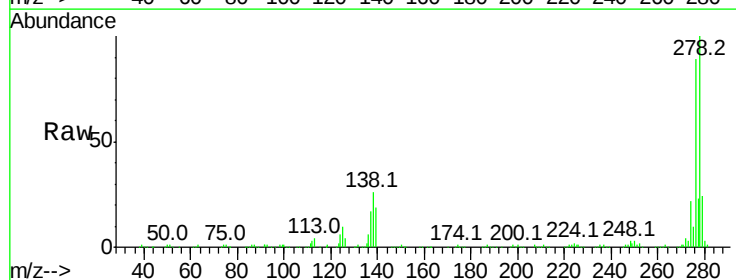
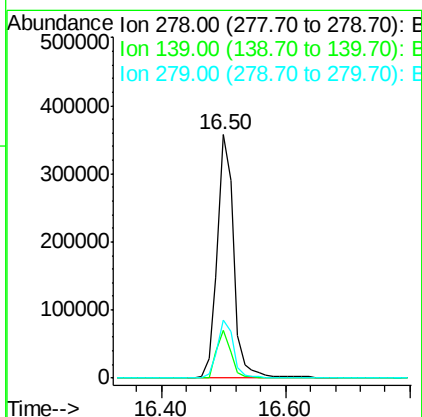
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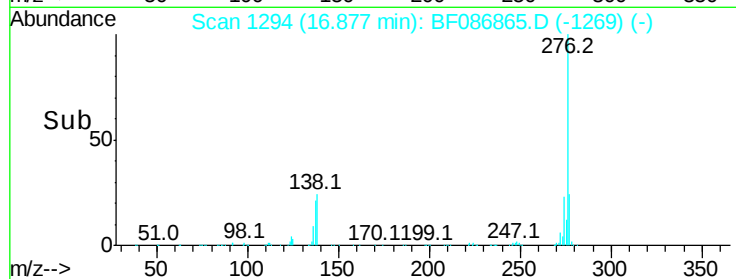
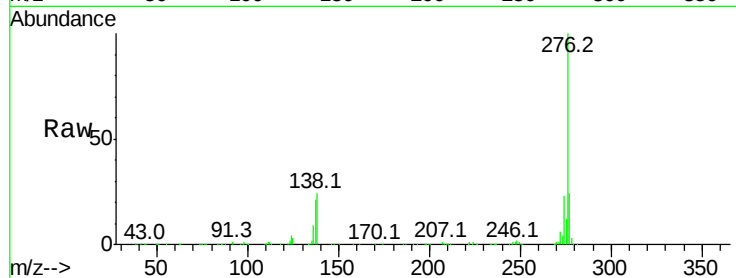
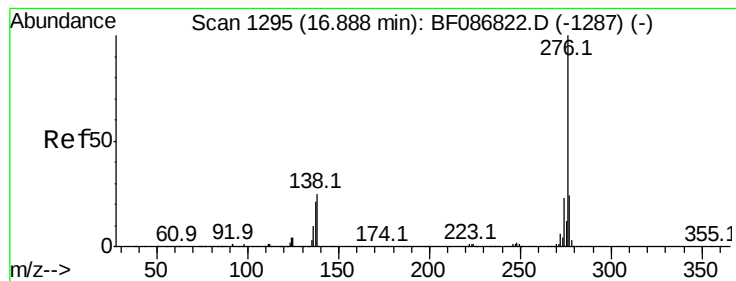
sohil
5/11/2016 8:15:38 PM



#90
Dibenzo(a,h)anthracene
Concen: 37.14 ng
RT: 16.50 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BF086865.D
Acq: 10 May 2016 17:47

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.4	16.6	24.8
279	23.8	19.6	29.4





#91

Benzo(a,h,i)perylene

Concen: 36.04 ng

RT: 16.88 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF086865.D

Acq: 10 May 2016 17:47

Tot Ion:	276	Resp:	644622
Ion Ratio	Lower	Upper	
276	100		
277	23.6	19.6	29.4
138	24.1	23.6	35.4

Instrument :

BNA_F

ClientSampleId :

PB90444BSD

Manual Integrations
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