

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060416\
 Data File : BF087670.D
 Acq On : 4 Jun 2016 17:15
 Operator : UM/SJ
 Sample : PB91075BSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91075BSD

Manual Integrations
 APPROVED

SOHIL
 6/6/2016 7:18:23 PM

Quant Time: Jun 05 01:37:38 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 04 11:07:28 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	152008	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	640340	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	317946	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	544473	20.00	ng	0.00
75) Chrysene-d12	14.02	240	438055	20.00	ng	0.00
86) Perylene-d12	15.44	264	379054	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	703044	74.76	ng	0.01
7) Phenol-d6	6.49	99	968726	82.13	ng	0.00
23) Nitrobenzene-d5	7.43	82	642689	58.07	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	267856	83.93	ng	0.01
44) 2-Fluorobiphenyl	9.22	172	1160270	49.35	ng	-0.01
78) Terphenyl-d14	12.97	244	947567	52.78	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.57	88	96135	21.15	ng	# 16
3) Pyridine	3.29	79	308035	25.65	ng	100
4) n-Nitrosodimethylamine	3.23	42	141716	27.93	ng	98
6) Aniline	6.52	93	275962	16.51	ng	99
8) 2-Chlorophenol	6.64	128	302567	27.96	ng	97
9) Benzaldehyde	6.40	77	21211	2.66	ng	88
10) Phenol	6.50	94	430589	32.06	ng	95
11) bis(2-Chloroethyl)ether	6.59	93	259975	26.64	ng	99
12) 1,3-Dichlorobenzene	6.80	146	311749	26.91	ng	99
13) 1,4-Dichlorobenzene	6.88	146	329004	28.30	ng	99
14) 1,2-Dichlorobenzene	7.03	146	287417m	26.37	ng	
15) Benzyl Alcohol	7.00	79	233471	26.79	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.14	45	391278	27.50	ng	97
17) 2-Methylphenol	7.12	107	262741	30.24	ng	95
18) Hexachloroethane	7.38	117	116958	28.77	ng	92
19) n-Nitroso-di-n-propylamine	7.28	70	197314	26.79	ng	97
20) 3+4-Methylphenols	7.27	107	304914	28.64	ng	93
22) Acetophenone	7.27	105	408171	28.14	ng	# 81
24) Nitrobenzene	7.44	77	283082	25.56	ng	# 86
25) Isophorone	7.69	82	576361	28.60	ng	97
26) 2-Nitrophenol	7.76	139	146220	28.41	ng	96
27) 2,4-Dimethylphenol	7.80	122	317130	29.73	ng	100
28) bis(2-Chloroethoxy)methane	7.90	93	337185	26.38	ng	97
29) 2,4-Dichlorophenol	8.00	162	249637	28.50	ng	99
30) 1,2,4-Trichlorobenzene	8.09	180	264635	28.85	ng	99
31) Naphthalene	8.17	128	928068	29.81	ng	99
32) Benzoic acid	7.92	122	205585	31.95	ng	97
33) 4-Chloroaniline	8.22	127	166596	12.32	ng	95
34) Hexachlorobutadiene	8.30	225	132859	27.86	ng	98
35) Caprolactam	8.58	113	84339m	29.31	ng	
36) 4-Chloro-3-methylphenol	8.70	107	259456	28.63	ng	98
37) 2-Methylnaphthalene	8.86	142	570842	27.76	ng	# 97
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	237316	27.08	ng	# 1
40) Hexachlorocyclopentadiene	9.02	237	265663	51.54	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	170728	25.80	nq	98
43) 2,4,5-Trichlorophenol	9.18	196	181020	29.39	nq	# 92
45) 1,1'-Biphenyl	9.32	154	664520	25.75	nq	99
46) 2-Chloronaphthalene	9.35	162	533292	25.96	nq	100
47) 2-Nitroaniline	9.44	65	154002	26.63	nq	99
48) Acenaphthylene	9.77	152	893306	27.89	nq	99
49) Dimethylphthalate	9.63	163	676223	29.26	nq	100
50) 2,6-Dinitrotoluene	9.69	165	159133	30.26	nq	97
51) Acenaphthene	9.94	154	591721	28.71	nq	99
52) 3-Nitroaniline	9.85	138	96703	16.08	nq	94
53) 2,4-Dinitrophenol	9.95	184	129360	55.45	nq	91
54) Dibenzofuran	10.11	168	815558	29.06	nq	98
55) 4-Nitrophenol	10.01	139	251865	48.99	nq	94
56) 2,4-Dinitrotoluene	10.09	165	218436	32.62	nq	# 86
57) Fluorene	10.46	166	574655	26.20	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.23	232	154436	29.11	nq	# 57
59) Diethylphthalate	10.33	149	621915	26.79	nq	99
60) 4-Chlorophenyl-phenylether	10.44	204	254061	25.46	nq	97
61) 4-Nitroaniline	10.47	138	156571	27.07	nq	97
62) Azobenzene	10.60	77	690072	29.53	nq	99
64) 4,6-Dinitro-2-methylphenol	10.49	198	85963	29.23	nq	94
65) n-Nitrosodiphenylamine	10.56	169	515481	28.91	nq	100
66) 4-Bromophenyl-phenylether	10.94	248	170125	31.51	nq	100
67) Hexachlorobenzene	10.99	284	171051	28.33	nq	98
68) Atrazine	11.10	200	166318	31.48	nq	99
69) Pentachlorophenol	11.19	266	208481	58.12	nq	99
70) Phenanthrene	11.40	178	818880	27.74	nq	100
71) Anthracene	11.46	178	897448	30.34	nq	100
72) Carbazole	11.61	167	763123	27.25	nq	100
73) Di-n-butylphthalate	11.95	149	955215	31.82	nq	100
74) Fluoranthene	12.59	202	887978	30.57	nq	99
76) Benzidine	12.72	184	268728	15.56	nq	99
77) Pyrene	12.82	202	899421	28.83	nq	99
79) Butylbenzylphthalate	13.45	149	420683	31.69	nq	100
80) Benzo(a)anthracene	14.01	228	710946	28.12	nq	99
81) 3,3'-Dichlorobenzidine	13.98	252	123663	17.34	nq	98
82) Chrysene	14.05	228	713089	28.34	nq	99
83) Bis(2-ethylhexyl)phthalate	14.01	149	481712	30.49	nq	99
84) Di-n-octyl phthalate	14.62	149	867793	29.55	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.83	276	605691	29.12	nq	# 100
87) Benzo(b)fluoranthene	15.04	252	728007	29.52	nq	100
88) Benzo(k)fluoranthene	15.06	252	553570m	26.98	nq	
89) Benzo(a)pyrene	15.38	252	590837	28.50	nq	99
90) Dibenzo(a,h)anthracene	16.86	278	502935	28.51	nq	99
91) Benzo(g,h,i)perylene	17.26	276	503280	28.28	nq	99

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

```

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Operator  : UM/SJ
Sample    : PB91075BSD
Misc      :
ALS Vial  : 15      Sample Multiplier: 1

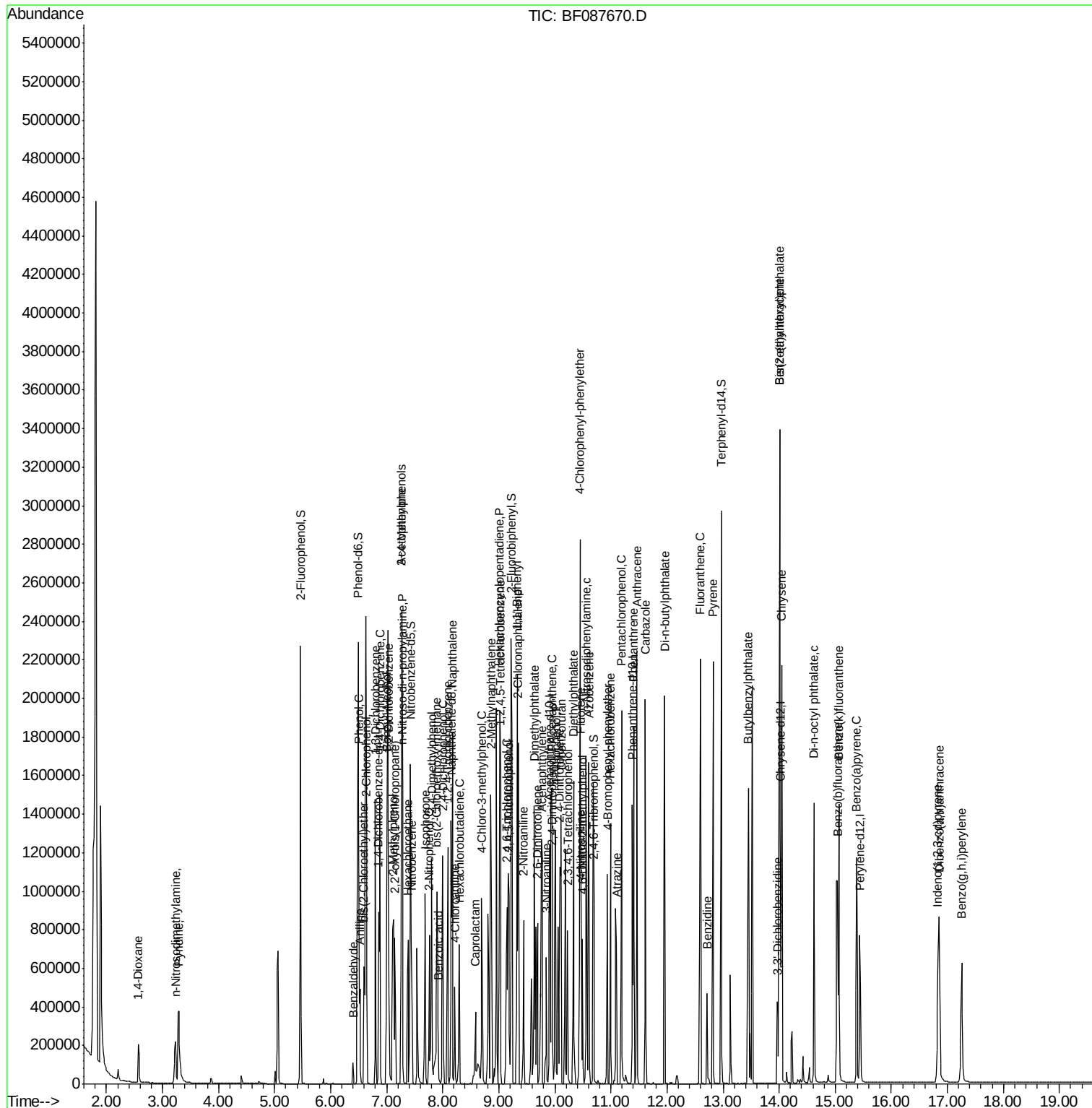
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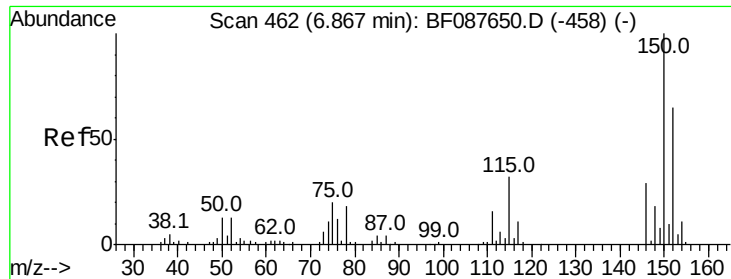
Instrument :
BNA_F
ClientSampleId :
PB91075BSD

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#1

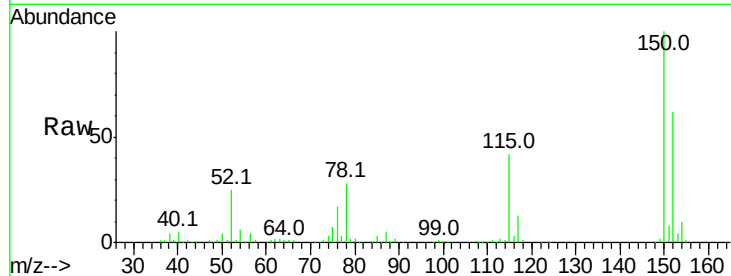
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF087670.D
Acq: 4 Jun 2016 17:15

Instrument :
BNA_F
ClientSampleId :
PB91075BSD

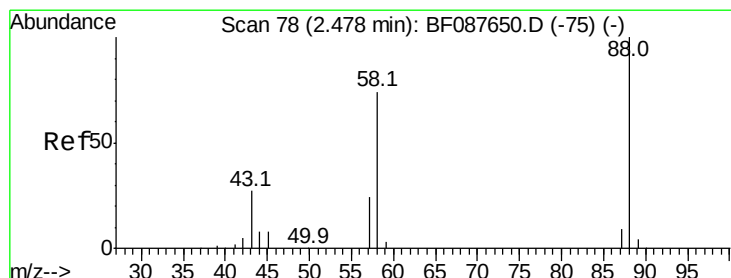
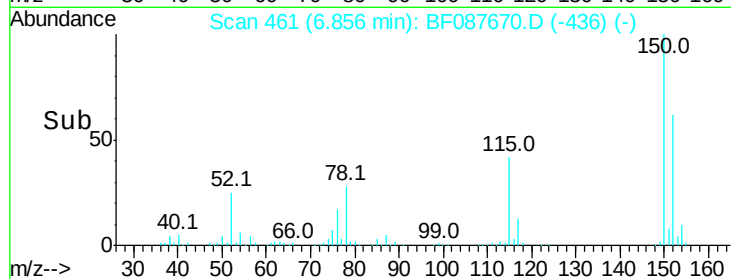
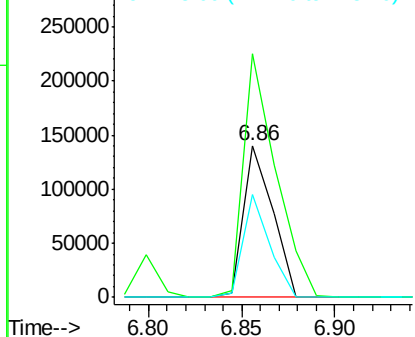
Tot Ion	Ratio	Lower	Upper
152	100		
150	160.5	123.8	185.6
115	67.7	39.6	59.4

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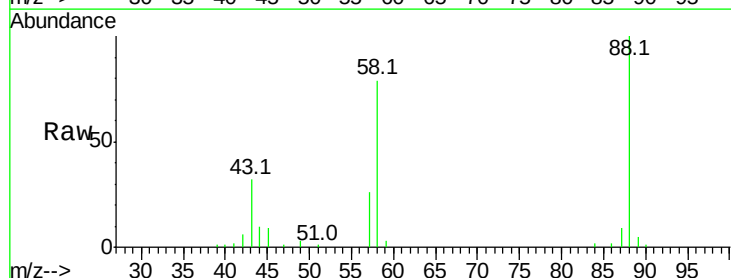
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



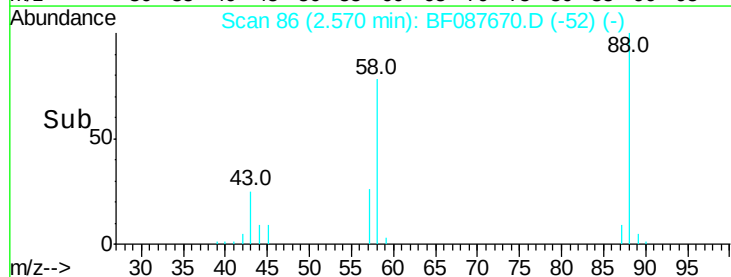
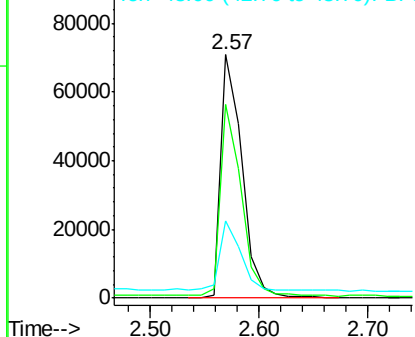
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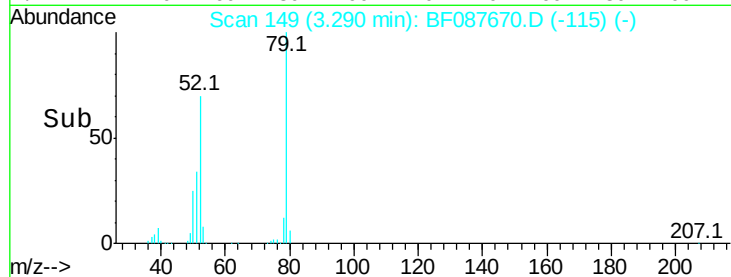
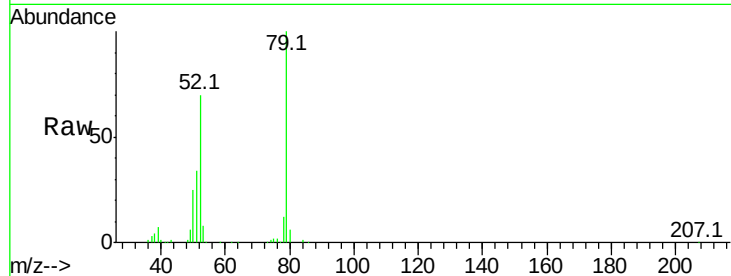
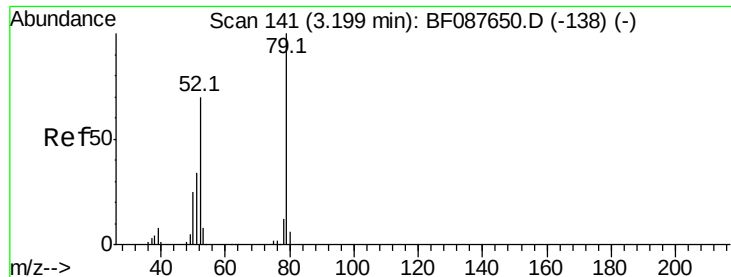
1,4-Dioxane
Concen: 21.15 ng
RT: 2.57 min Scan# 86
Delta R.T. 0.09 min
Lab File: BF087670.D
Acq: 4 Jun 2016 17:15

Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.8	0.0	0.0
43	31.8	3.4	5.2



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





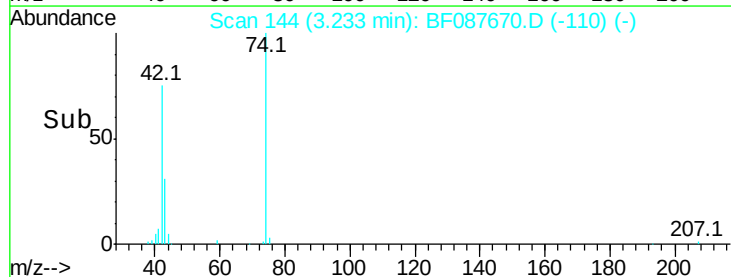
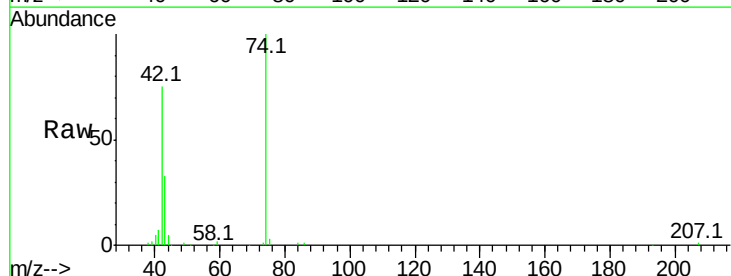
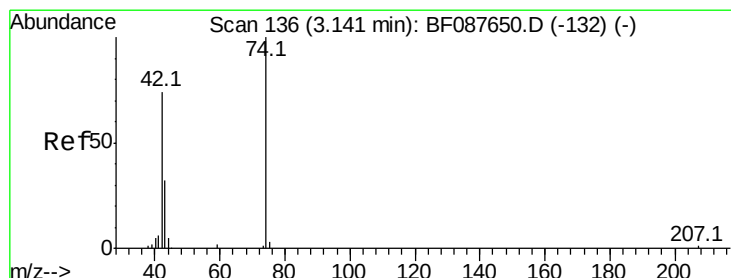
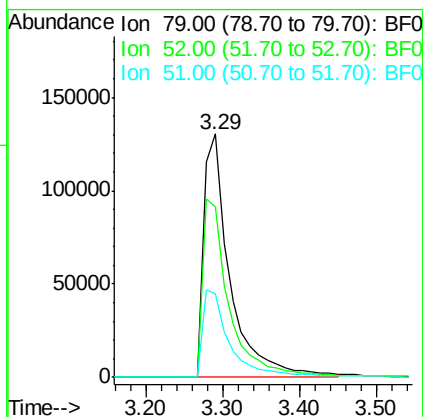
#3
Pvridine
Concen: 25.65 ng
RT: 3.29 min Scan# 149
Delta R.T. 0.09 min
Lab File: BF087670.D
Acq: 4 Jun 2016 17:15

Tot Ion	Ratio	Lower	Upper
79	100		
52	70.0	56.3	84.5
51	34.2	27.4	41.2

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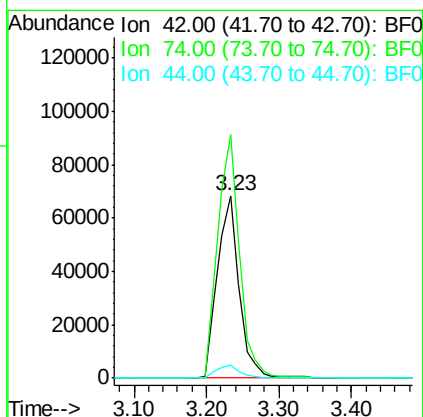
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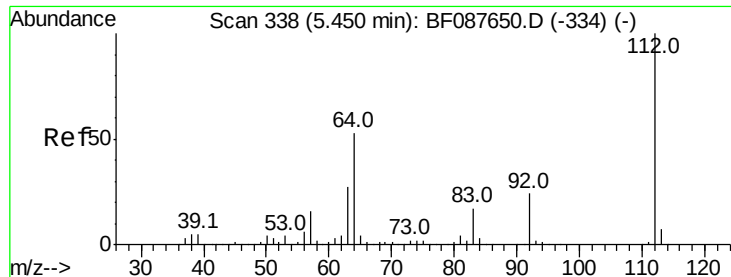
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#4
n-Nitrosodimethylamine
Concen: 27.93 ng
RT: 3.23 min Scan# 144
Delta R.T. 0.09 min
Lab File: BF087670.D
Acq: 4 Jun 2016 17:15

Tgt Ion	Ratio	Lower	Upper
42	100		
74	133.4	108.6	163.0
44	7.1	5.5	8.3





#5

2-Fluorophenol

Concen: 74.76 ng

RT: 5.46 min Scan# 339

Delta R.T. 0.01 min

Lab File: BF087670.D

Acq: 4 Jun 2016 17:15

Instrument :

BNA_F

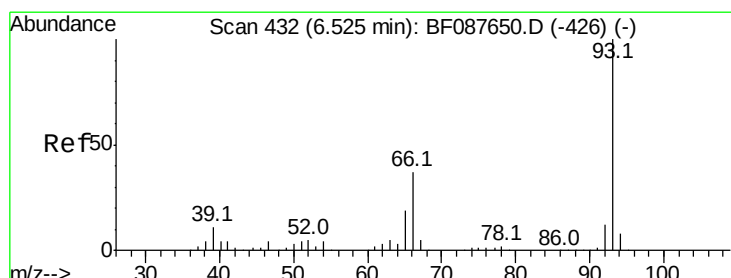
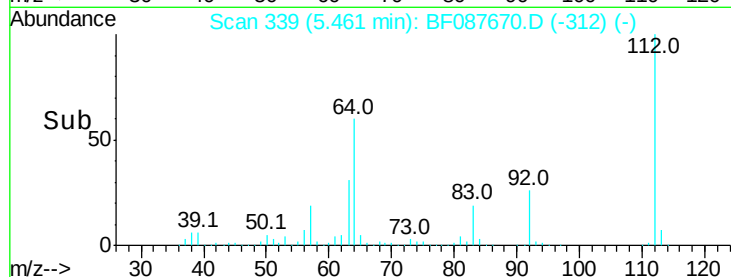
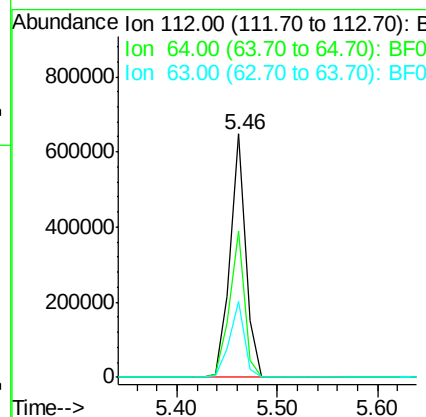
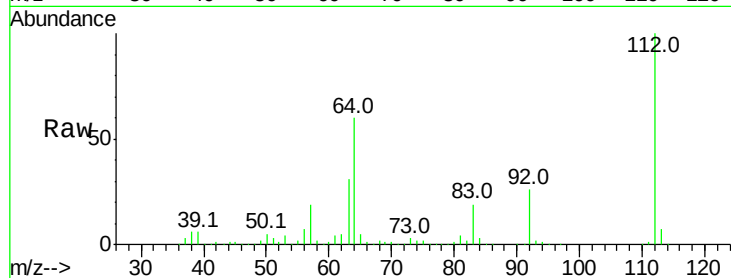
ClientSampleId :

PB91075BSD

Tot Ion:	112	Resp:	703044
Ion Ratio	Lower	Upper	
112	100		
64	59.9	42.2	63.2
63	31.1	21.8	32.8

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#6

Aniline

Concen: 16.51 ng

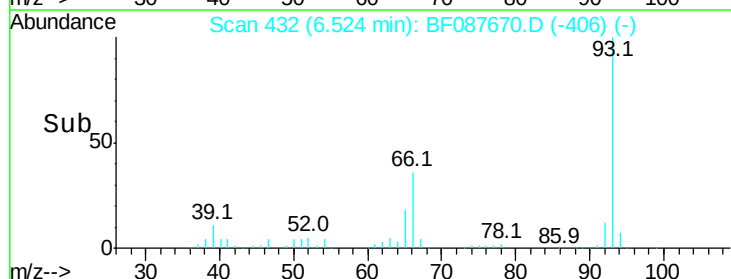
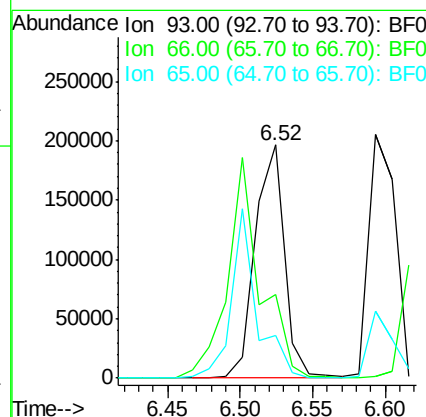
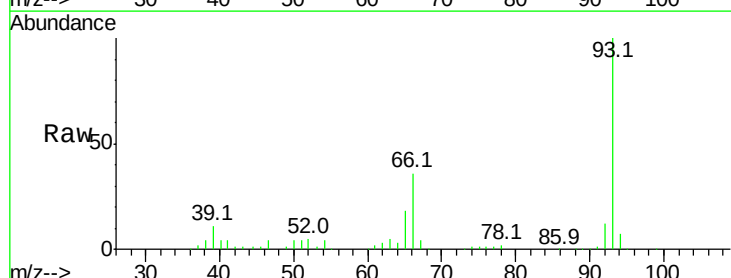
RT: 6.52 min Scan# 432

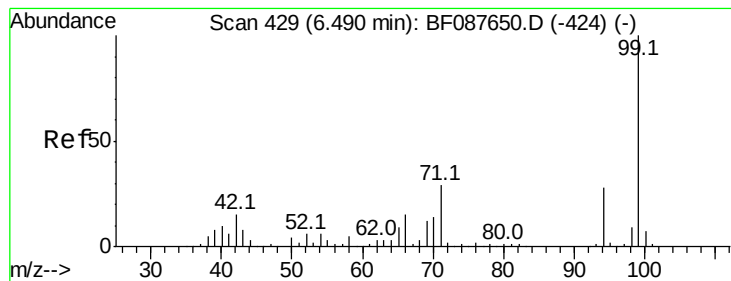
Delta R.T. -0.00 min

Lab File: BF087670.D

Acq: 4 Jun 2016 17:15

Tgt Ion:	93	Resp:	275962
Ion Ratio	Lower	Upper	
93	100		
66	36.1	29.8	44.8
65	18.4	14.9	22.3





#7

Phenol-d6

Concen: 82.13 ng

RT: 6.49 min Scan# 429

Delta R.T. -0.00 min

Lab File: BF087670.D

Acq: 4 Jun 2016 17:15

Instrument :

BNA_F

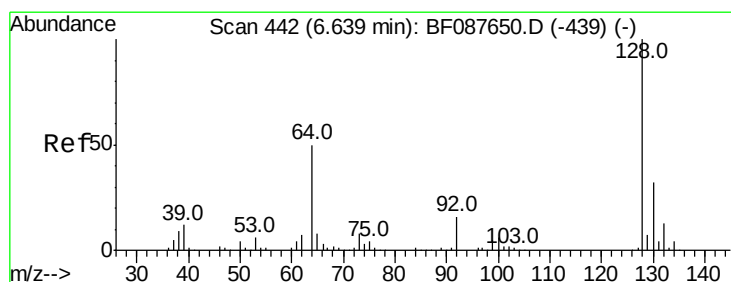
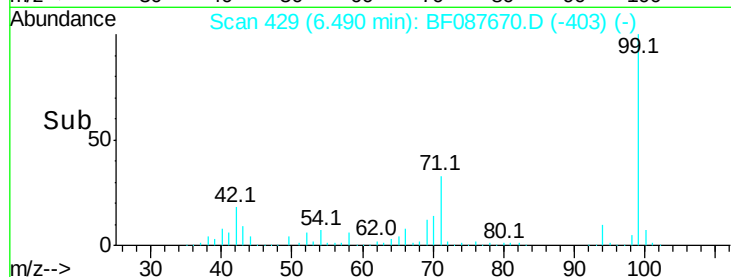
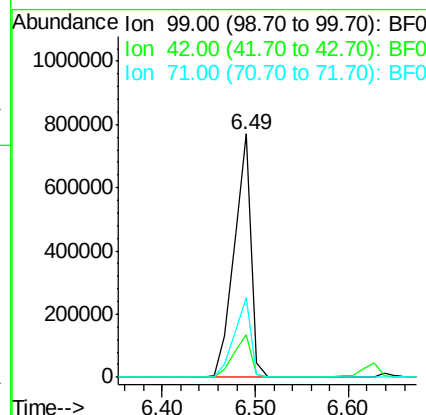
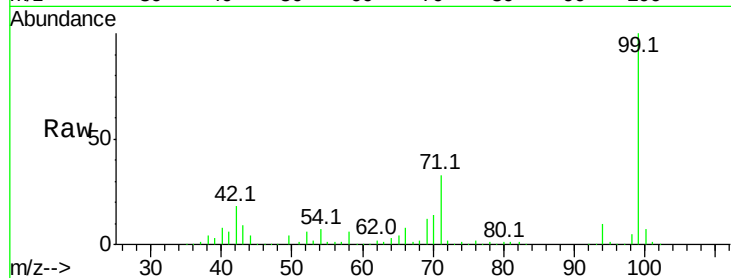
ClientSampleId :

PB91075BSD

Tot Ion:	99	Resp:	968726
Ion Ratio	Lower	Upper	
99	100		
42	17.7	12.2	18.2
71	32.9	23.4	35.0

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#8

2-Chlorophenol

Concen: 27.96 ng

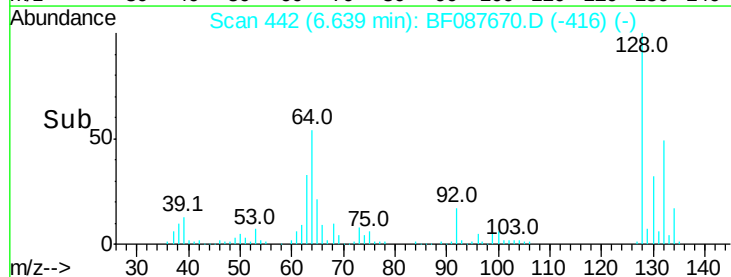
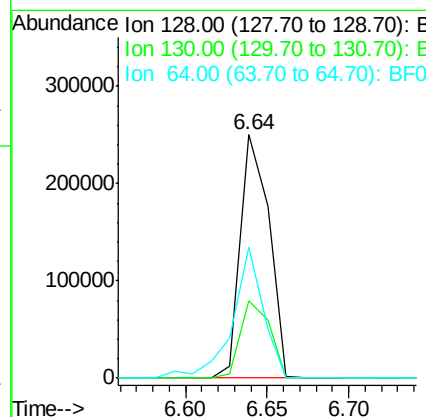
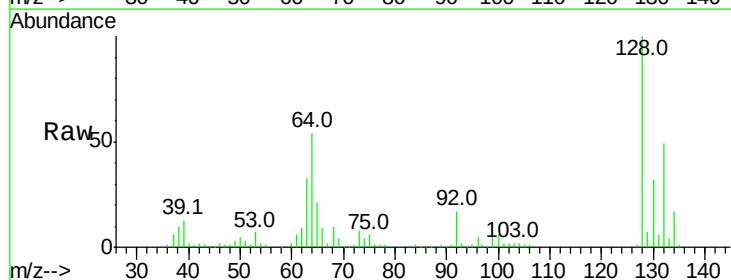
RT: 6.64 min Scan# 442

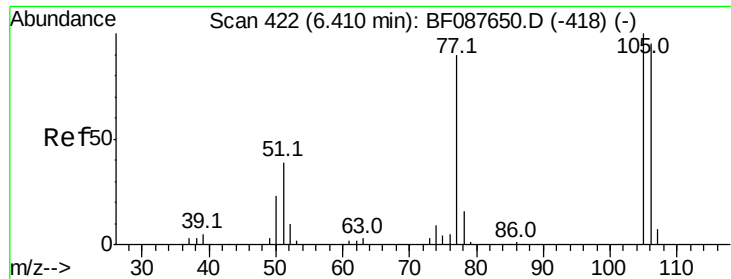
Delta R.T. -0.00 min

Lab File: BF087670.D

Acq: 4 Jun 2016 17:15

Tgt Ion:	128	Resp:	302567
Ion Ratio	Lower	Upper	
128	100		
130	31.9	12.0	52.0
64	53.9	30.8	70.8





#9

Benzaldehyde

Concen: 2.66 ng

RT: 6.40 min Scan# 421

Delta R.T. -0.01 min

Lab File: BF087670.D

Acq: 4 Jun 2016 17:15

Instrument :

BNA_F

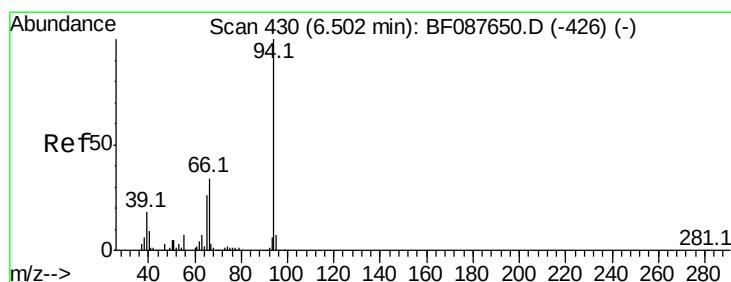
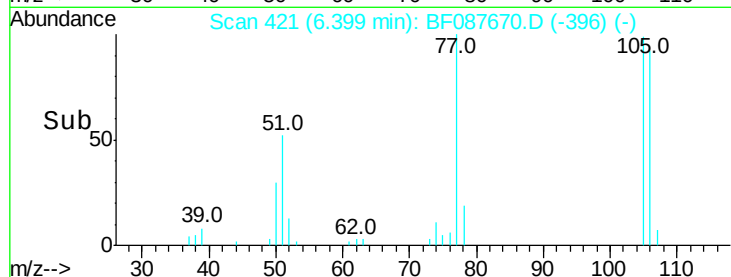
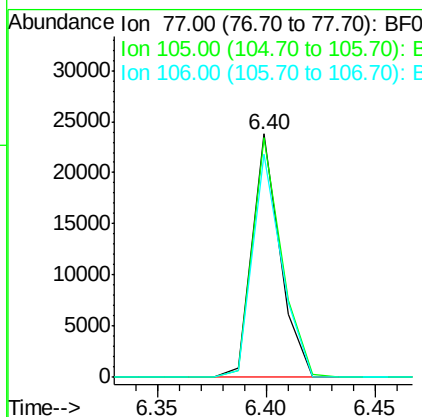
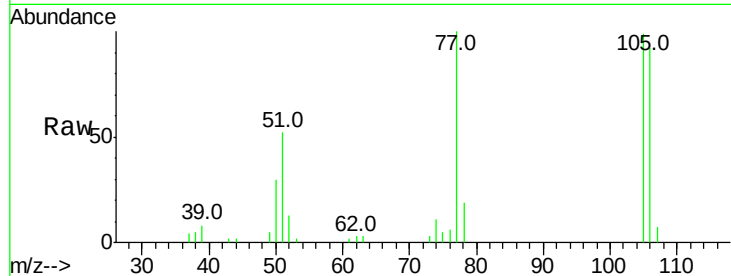
ClientSampleId :

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Tot Ion:	77	Resp:	21211
Ion	Ratio	Lower	Upper
77	100		
105	98.7	90.6	130.6
106	91.7	85.3	125.3

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#10

Phenol

Concen: 32.06 ng

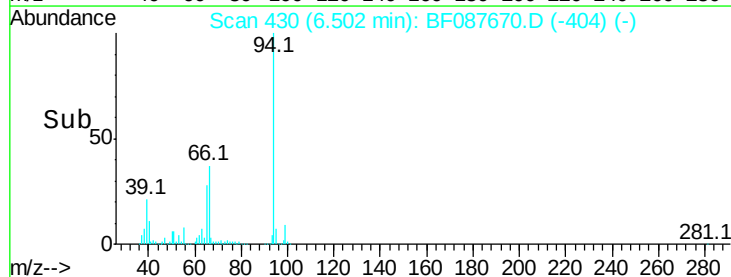
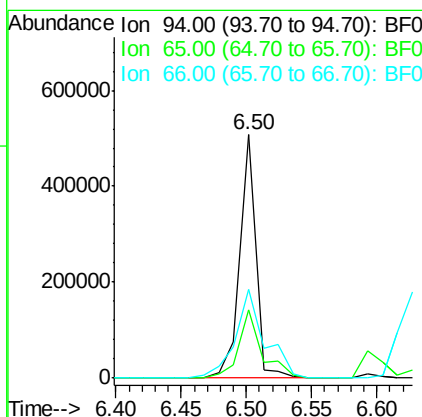
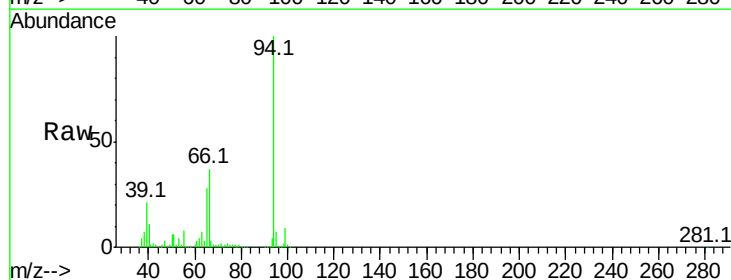
RT: 6.50 min Scan# 430

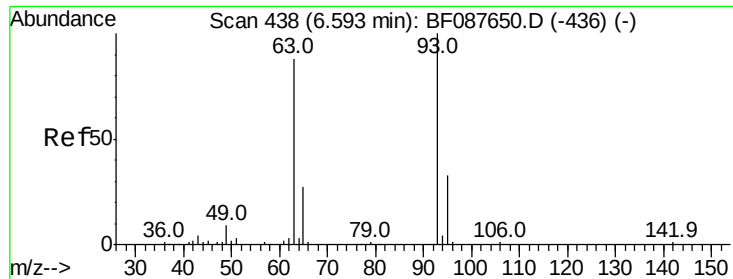
Delta R.T. -0.00 min

Lab File: BF087670.D

Acq: 4 Jun 2016 17:15

Tgt Ion:	94	Resp:	430589
Ion	Ratio	Lower	Upper
94	100		
65	28.1	5.9	45.9
66	36.7	14.0	54.0





#11

bis(2-Chloroethyl)ether

Concen: 26.64 ng

RT: 6.59 min Scan# 438

Delta R.T. -0.00 min

Lab File: BF087670.D

Acq: 4 Jun 2016 17:15

Instrument :

BNA_F

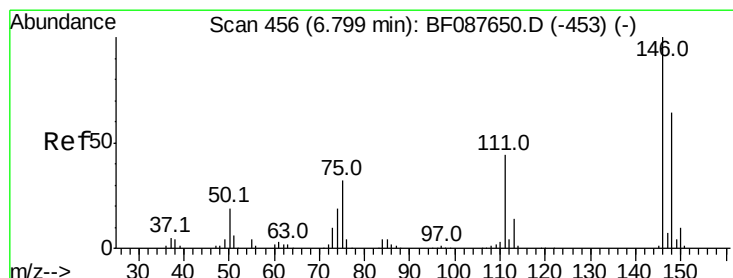
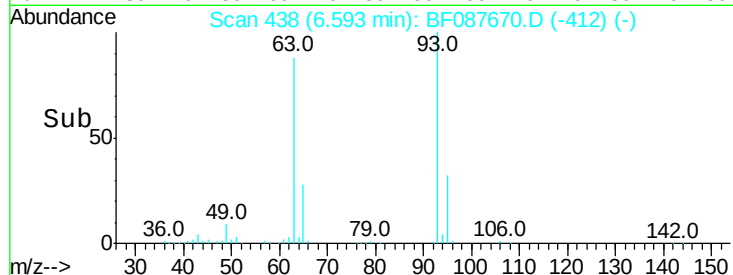
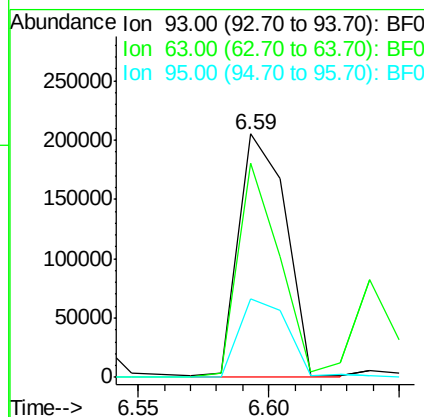
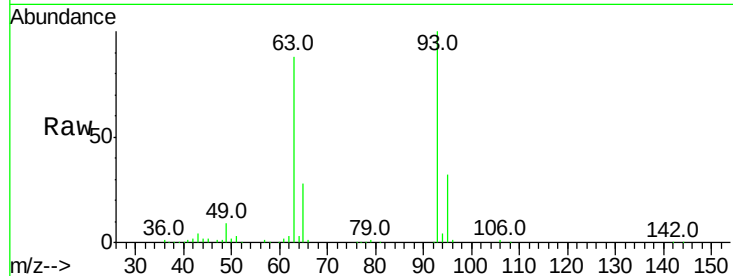
ClientSampleId :

PB91075BSD

Tot Ion:	93	Resp:	259975
Ion Ratio	Lower	Upper	
93	100		
63	88.0	67.6	107.6
95	32.0	12.5	52.5

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#12

1,3-Dichlorobenzene

Concen: 26.91 ng

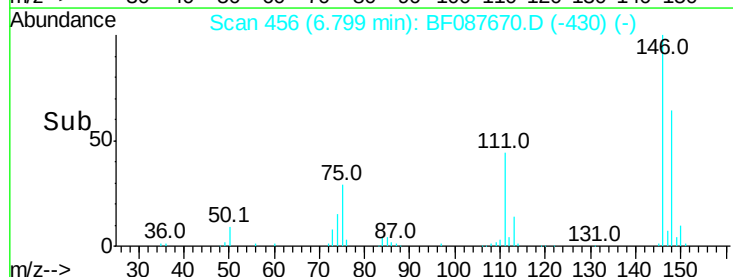
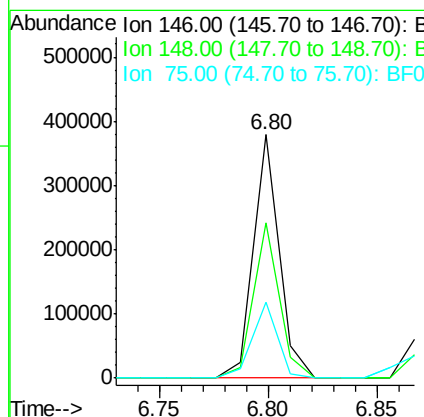
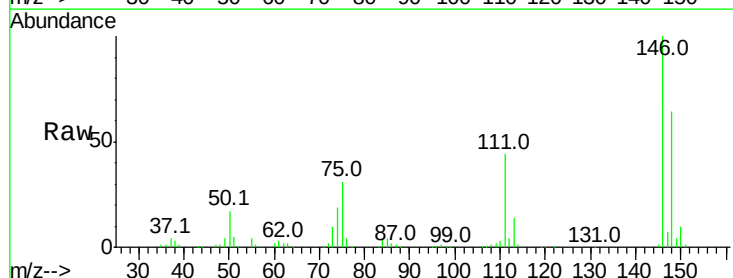
RT: 6.80 min Scan# 456

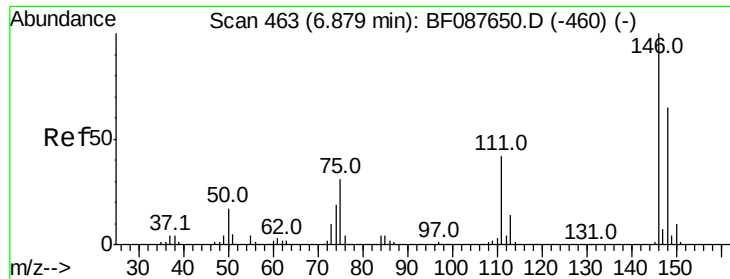
Delta R.T. -0.00 min

Lab File: BF087670.D

Acq: 4 Jun 2016 17:15

Tgt Ion:	146	Resp:	311749
Ion Ratio	Lower	Upper	
146	100		
148	64.0	50.9	76.3
75	30.9	25.6	38.4





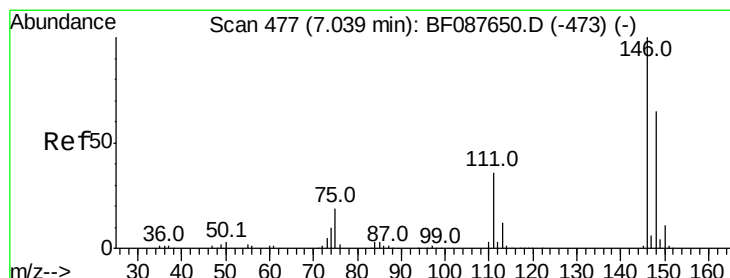
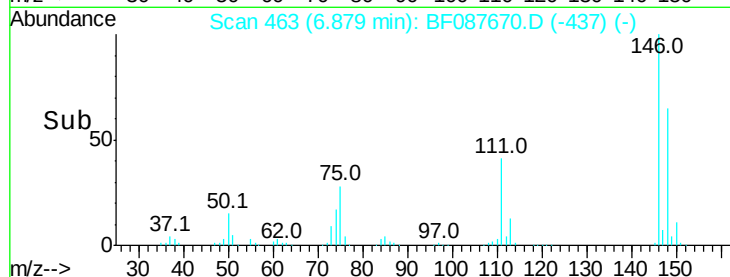
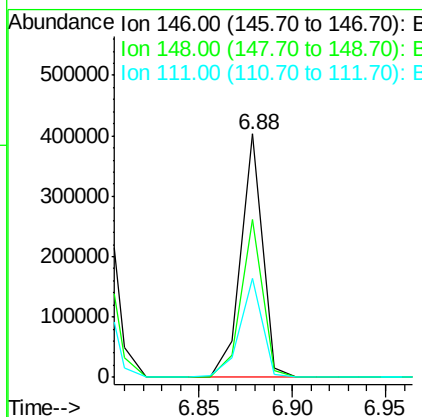
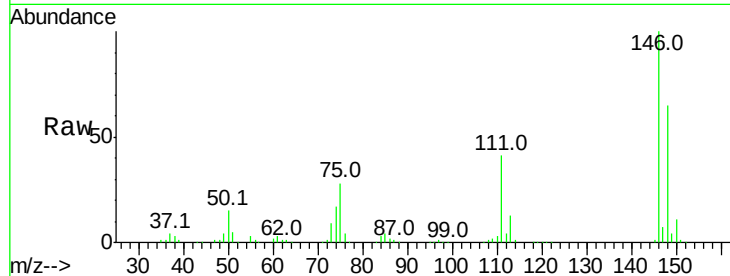
#13
 1,4-Dichlorobenzene
 Concen: 28.30 ng
 RT: 6.88 min Scan# 463
 Delta R.T. -0.00 min
 Lab File: BF087670.D
 Acq: 4 Jun 2016 17:15

Instrument :
 BNA_F
 ClientSampleId :
 PB91075BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.7	52.0	78.0
111	40.7	33.8	50.8

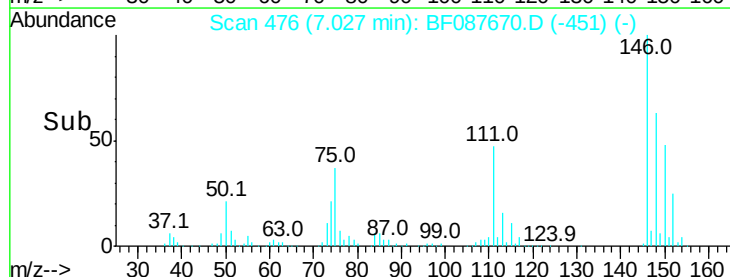
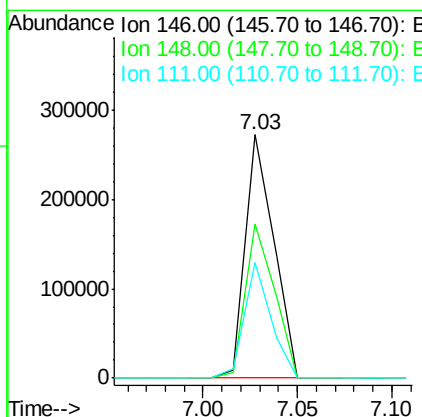
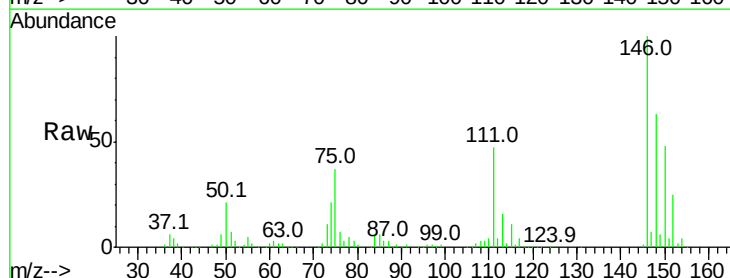
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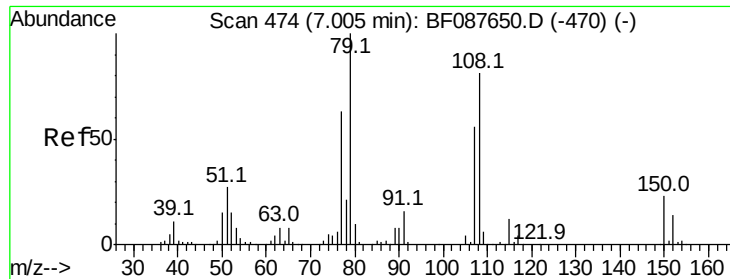
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#14
 1,2-Dichlorobenzene
 Concen: 26.37 ng m
 RT: 7.03 min Scan# 476
 Delta R.T. -0.01 min
 Lab File: BF087670.D
 Acq: 4 Jun 2016 17:15

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	52.3	78.5
111	47.4	28.7	43.1#





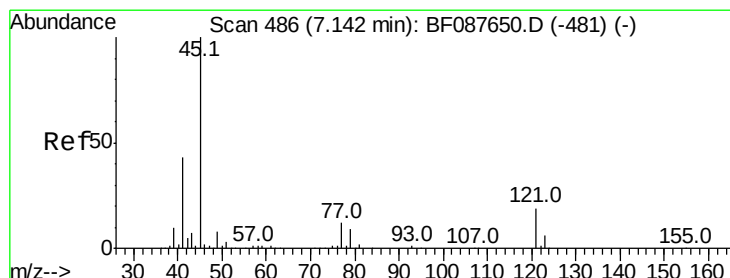
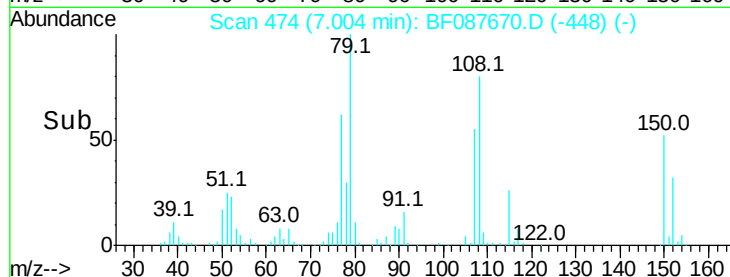
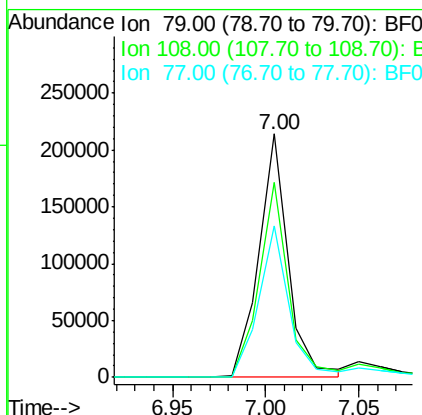
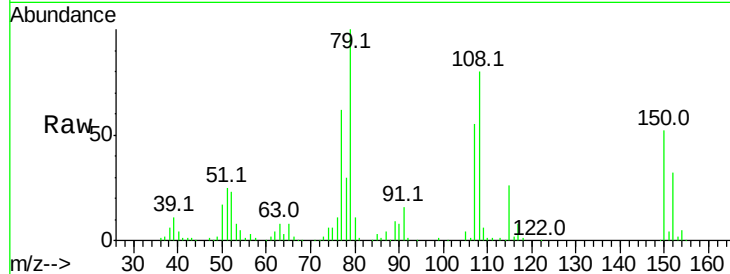
#15
Benzyl Alcohol
Concen: 26.79 ng
RT: 7.00 min Scan# 474
Delta R.T. -0.00 min
Lab File: BF087670.D
Acq: 4 Jun 2016 17:15

Instrument :
BNA_F
ClientSampleId :
PB91075BSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	80.3	65.0	97.6
77	62.3	50.3	75.5

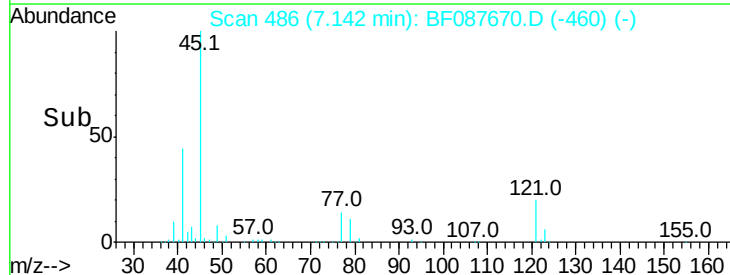
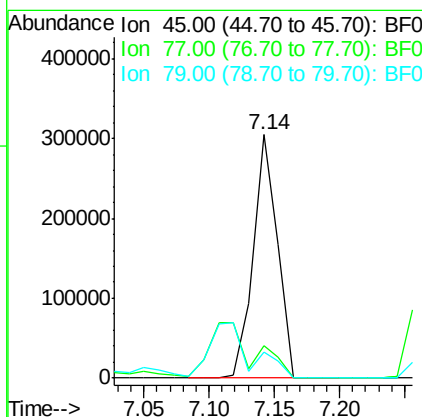
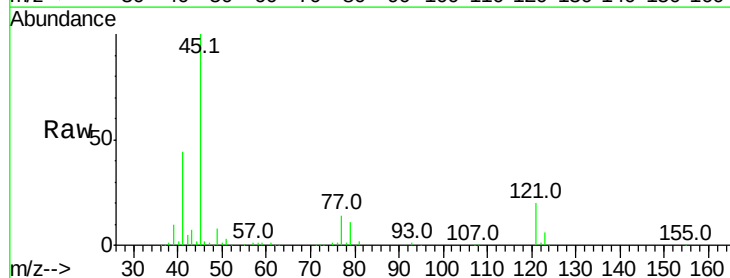
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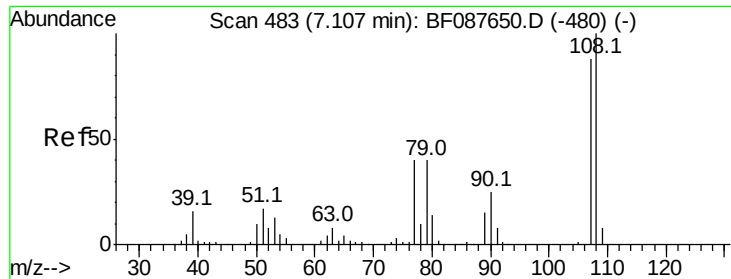
SOHIL
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#16
2,2'-oxybis(1-chloropropane)
Concen: 27.50 ng
RT: 7.14 min Scan# 486
Delta R.T. -0.00 min
Lab File: BF087670.D
Acq: 4 Jun 2016 17:15

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.6	0.0	32.5
79	10.5	0.0	29.5





#17

2-Methylphenol

Concen: 30.24 ng

RT: 7.12 min Scan# 484

Delta R.T. 0.01 min

Lab File: BF087670.D

Acq: 4 Jun 2016 17:15

Instrument :

BNA_F

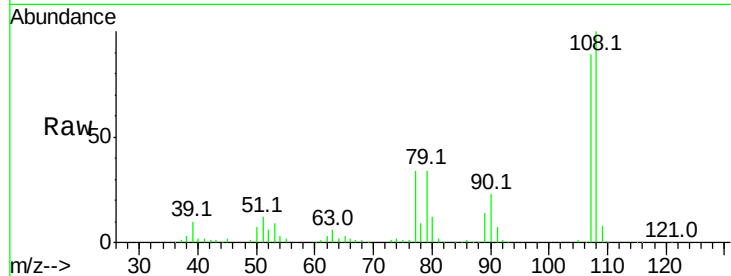
ClientSampleId :

PB91075BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	100		262741		
108	112.9	90.9	136.3		
77	38.9	36.6	55.0		
79	38.4	36.5	54.7		

Manual Integrations
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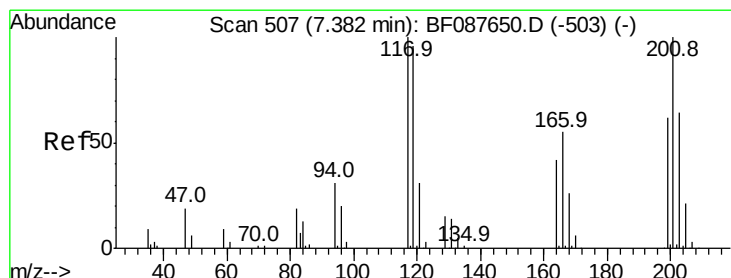
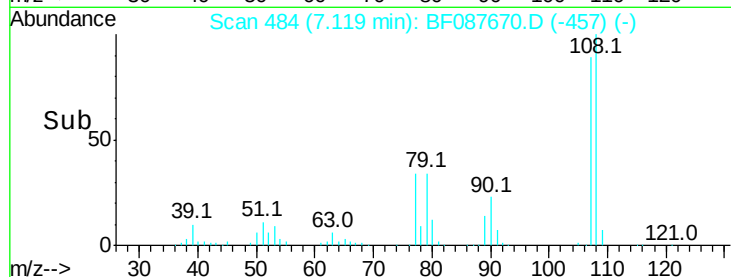
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

Time-->



#18

Hexachloroethane

Concen: 28.77 ng

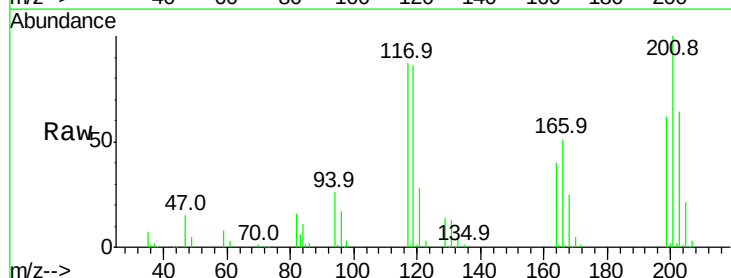
RT: 7.38 min Scan# 507

Delta R.T. -0.00 min

Lab File: BF087670.D

Acq: 4 Jun 2016 17:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		116958		
119	98.4	77.4	116.2		
201	115.0	80.4	120.6		

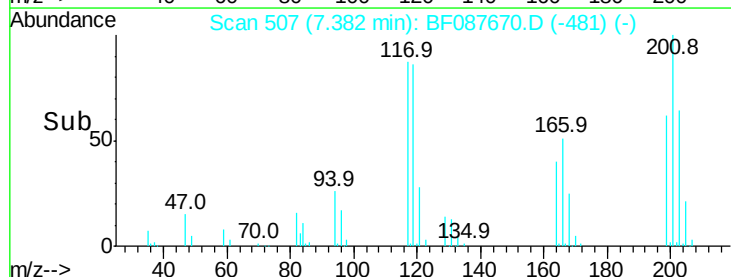


Abundance Ion 117.00 (116.70 to 117.70): E

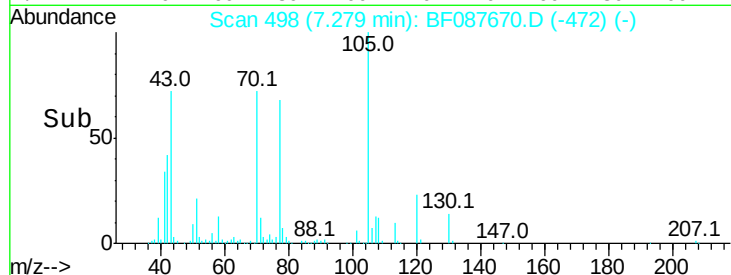
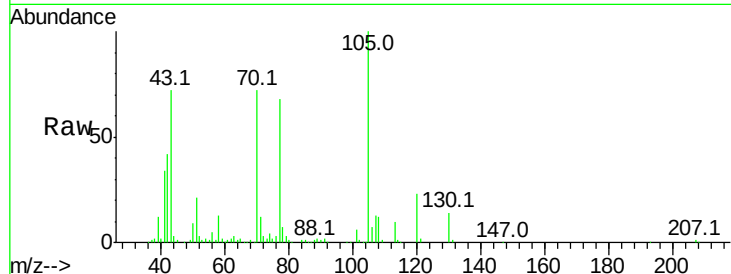
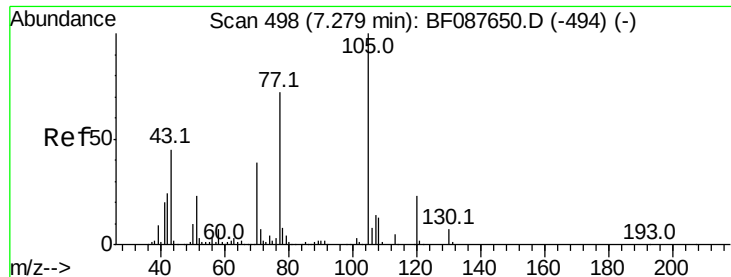
Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

Time-->



Time-->



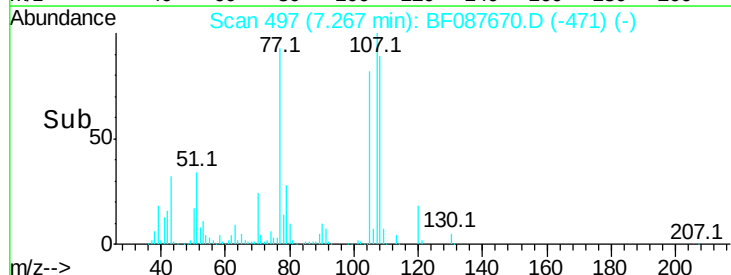
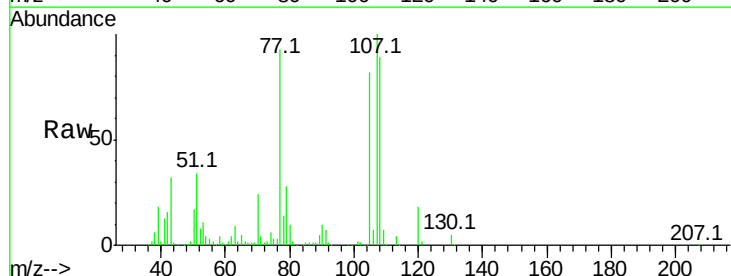
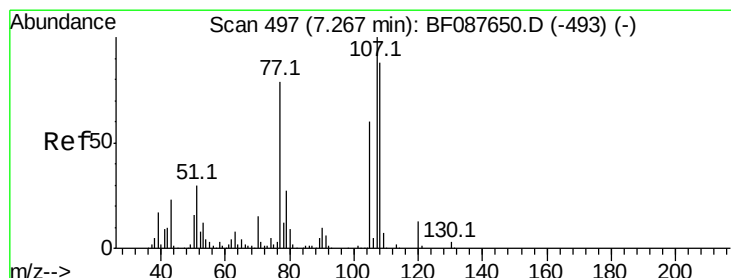
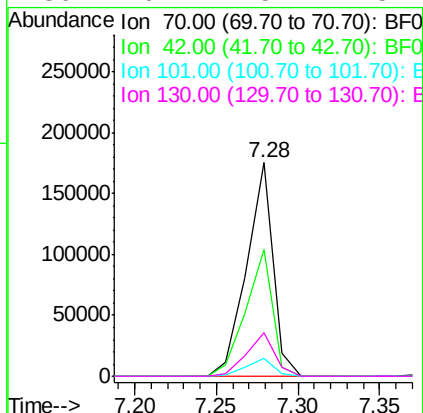
#19
n-Nitroso-di-n-propylamine
Concen: 26.79 ng
RT: 7.28 min Scan# 498
Delta R.T. -0.00 min
Lab File: BF087670.D
Acq: 4 Jun 2016 17:15

Instrument :
BNA_F
ClientSampleId :
PB91075BSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	59.4	49.6	74.4	
101	8.6	7.1	10.7	
130	20.2	15.4	23.2	

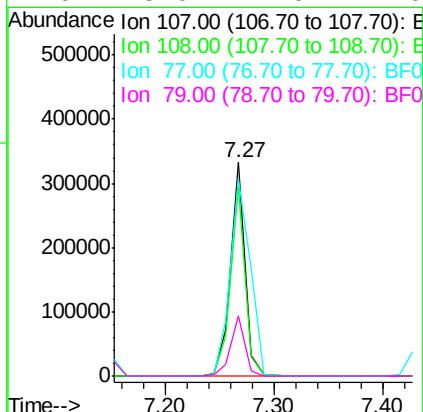
Manual Integrations
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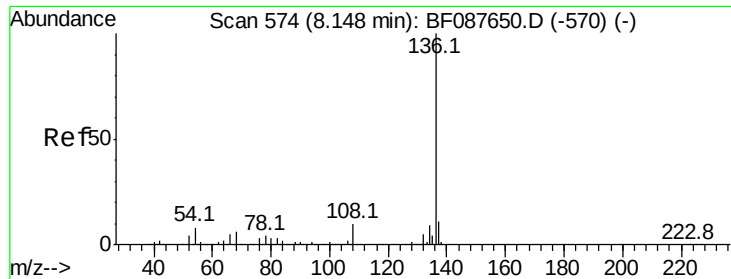
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#20
3+4-Methylphenols
Concen: 28.64 ng
RT: 7.27 min Scan# 497
Delta R.T. -0.00 min
Lab File: BF087670.D
Acq: 4 Jun 2016 17:15

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.9	67.8	107.8	
77	92.6	59.3	99.3	
79	28.0	7.0	47.0	





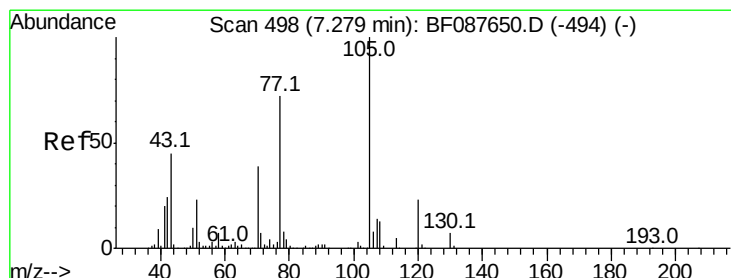
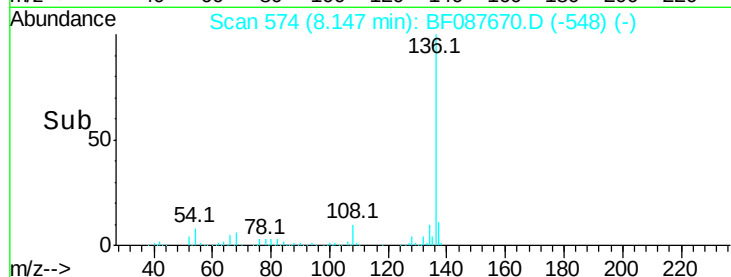
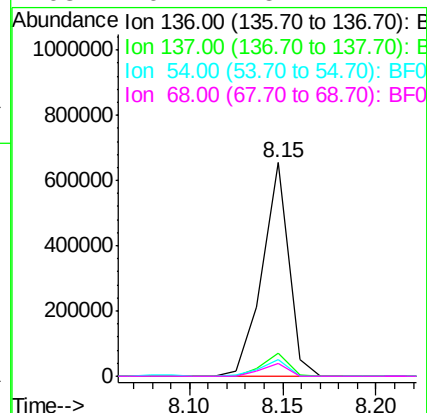
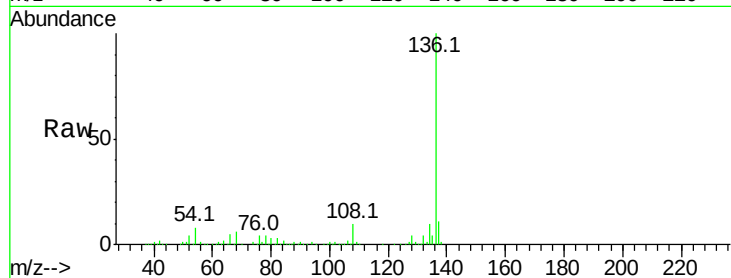
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 574
Delta R.T. -0.00 min
Lab File: BF087670.D
Acq: 4 Jun 2016 17:15

Instrument :
BNA_F
ClientSampleId :
PB91075BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	640340		
137	11.1		9.1	13.7
54	7.9		6.6	10.0
68	6.1		5.1	7.7

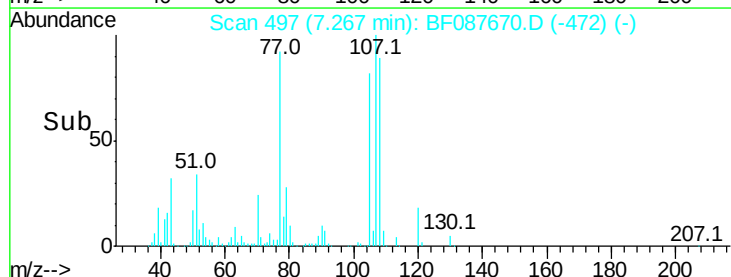
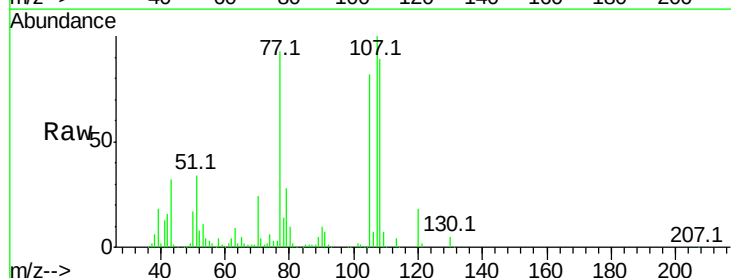
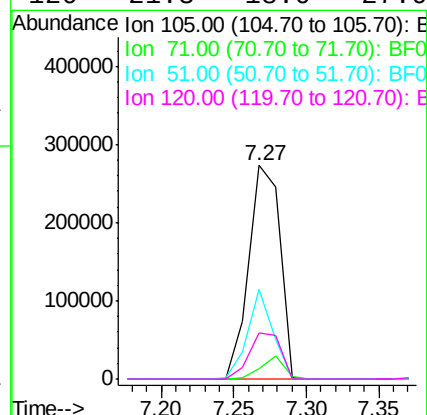
Manual Integrations
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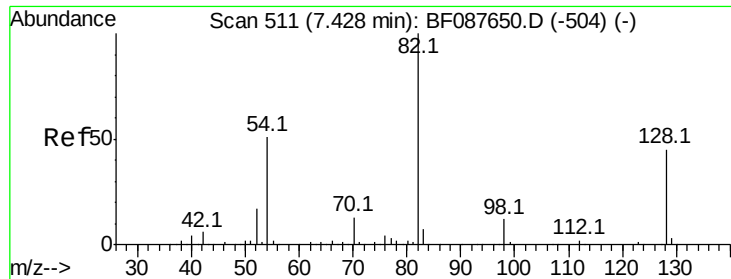
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#22
Acetophenone
Concen: 28.14 ng
RT: 7.27 min Scan# 497
Delta R.T. -0.01 min
Lab File: BF087670.D
Acq: 4 Jun 2016 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	408171		
71	4.9		5.3	7.9#
51	41.8		18.2	27.4#
120	21.3		18.0	27.0





#23

Nitrobenzene-d5

Concen: 58.07 ng

RT: 7.43 min Scan# 511

Delta R.T. -0.00 min

Lab File: BF087670.D

Acq: 4 Jun 2016 17:15

Instrument :

BNA_F

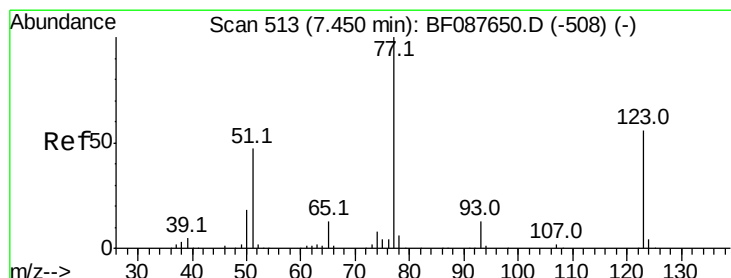
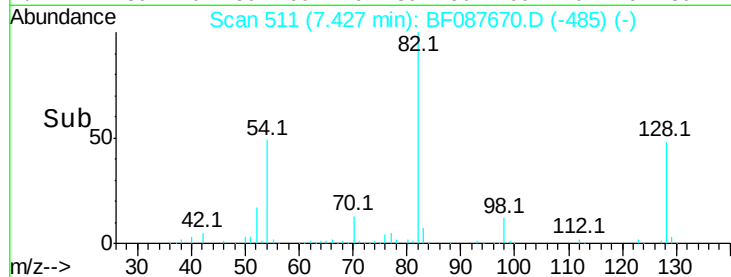
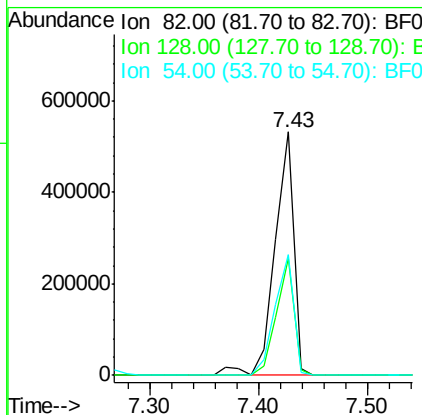
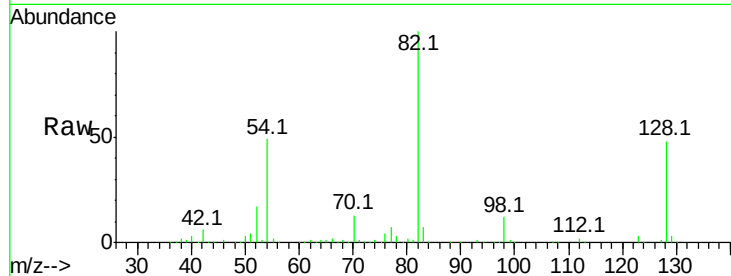
ClientSampleId :

PB91075BSD

Tot Ion	82	Resp	642689
Ion Ratio	Lower	Upper	
82	100		
128	48.2	35.9	53.9
54	49.4	40.9	61.3

Manual Integrations
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#24

Nitrobenzene

Concen: 25.56 ng

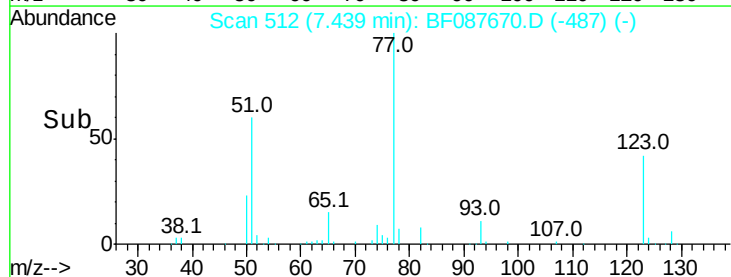
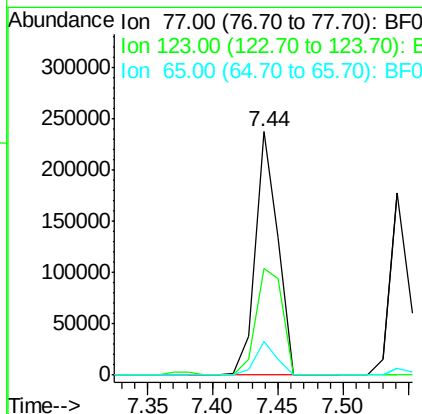
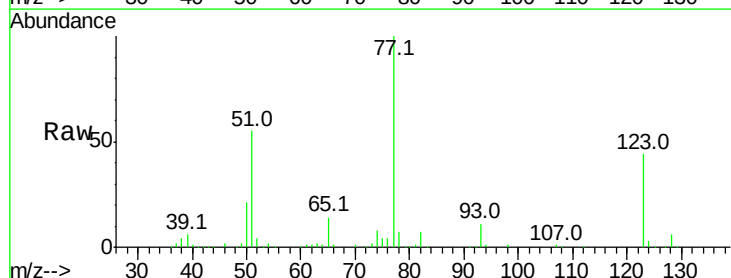
RT: 7.44 min Scan# 512

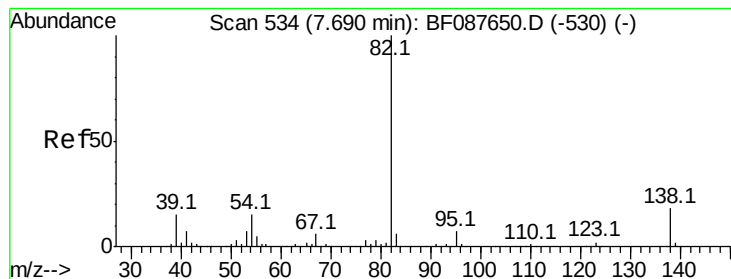
Delta R.T. -0.01 min

Lab File: BF087670.D

Acq: 4 Jun 2016 17:15

Tgt Ion	77	Resp	283082
Ion Ratio	Lower	Upper	
77	100		
123	43.8	45.0	67.4#
65	13.7	10.2	15.2





#25

Isophorone

Concen: 28.60 ng

RT: 7.69 min Scan# 534

Delta R.T. -0.00 min

Lab File: BF087670.D

Acq: 4 Jun 2016 17:15

Instrument :

BNA_F

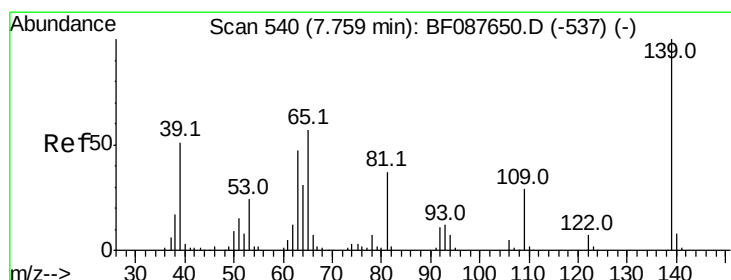
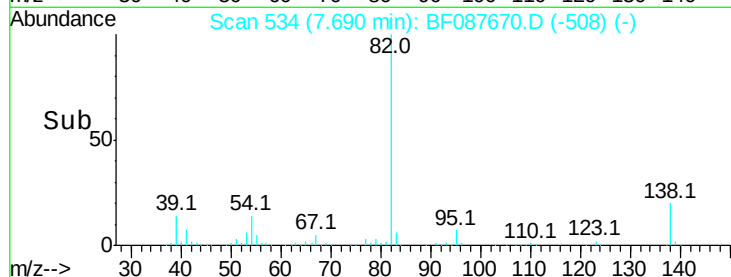
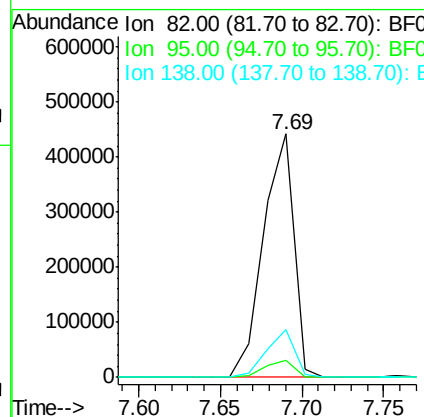
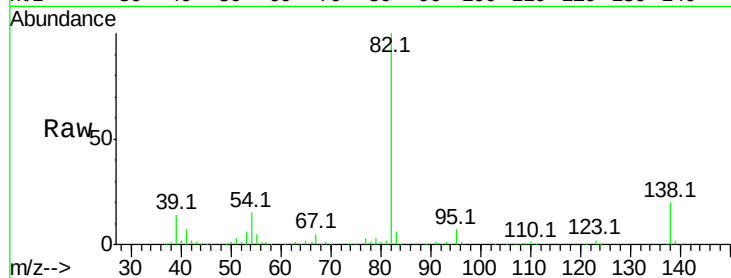
ClientSampleId :

PB91075BSD

Tot Ion:	82	Resp:	576361
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.4	8.2
138	19.9	14.6	21.8

Manual Integrations
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#26

2-Nitrophenol

Concen: 28.41 ng

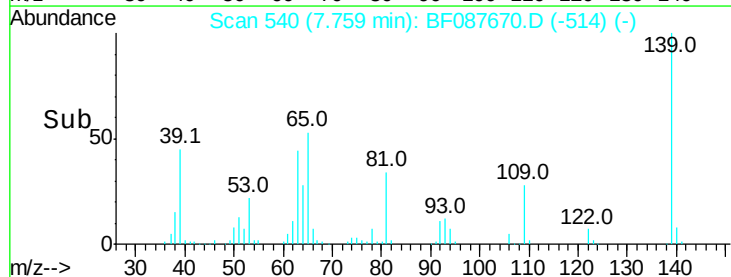
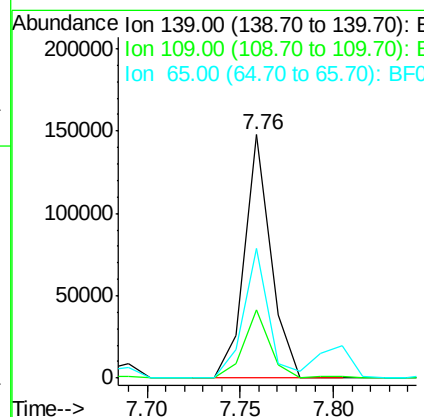
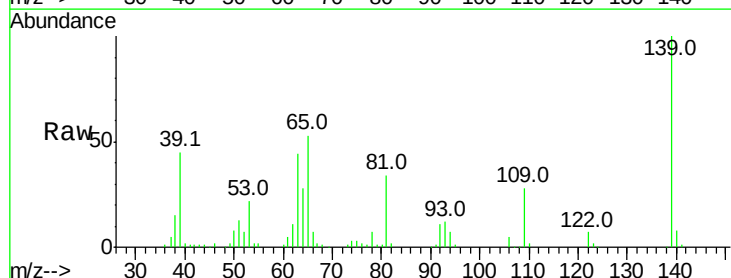
RT: 7.76 min Scan# 540

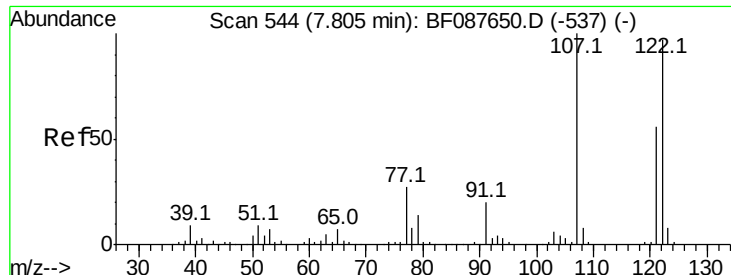
Delta R.T. -0.00 min

Lab File: BF087670.D

Acq: 4 Jun 2016 17:15

Tgt Ion:	139	Resp:	146220
Ion Ratio	Lower	Upper	
139	100		
109	28.1	23.0	34.4
65	53.2	45.8	68.8





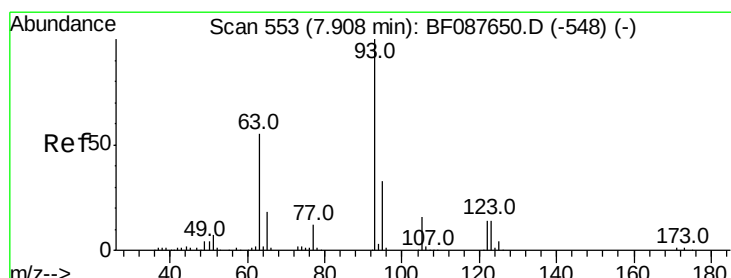
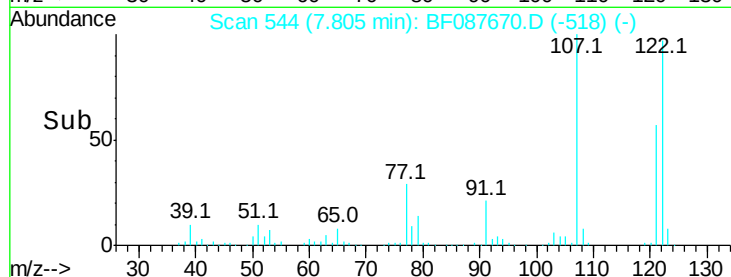
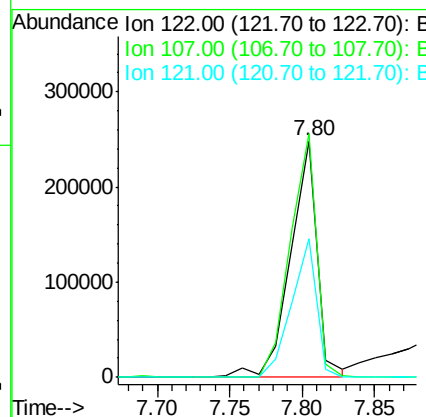
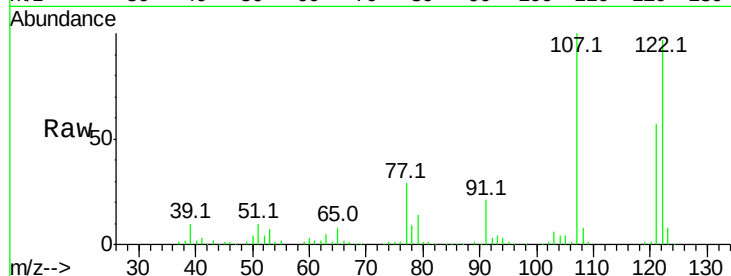
#27
2,4-Dimethylphenol
Concen: 29.73 ng
RT: 7.80 min Scan# 544
Delta R.T. -0.00 min
Lab File: BF087670.D
Acq: 4 Jun 2016 17:15

Instrument :
BNA_F
ClientSampleId :
PB91075BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	317130		
107	103.1	82.4	123.6	
121	58.5	46.3	69.5	

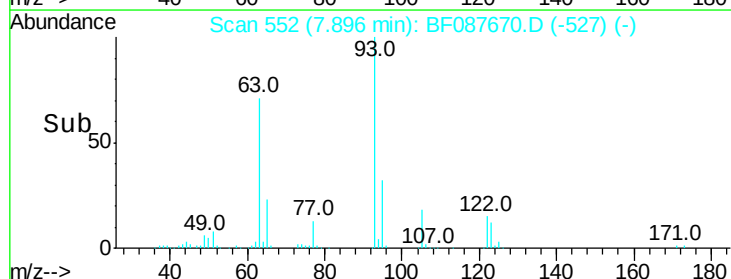
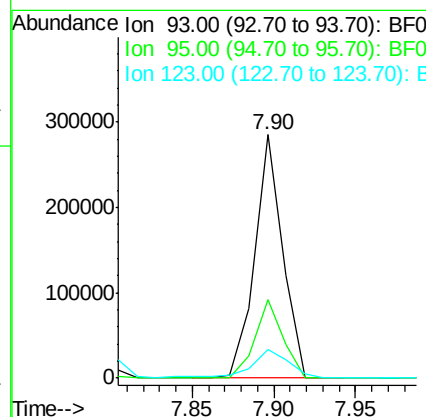
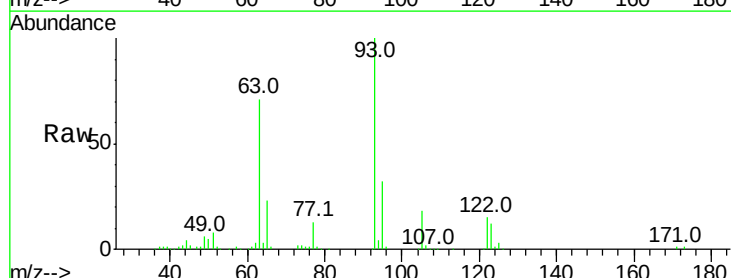
Manual Integrations
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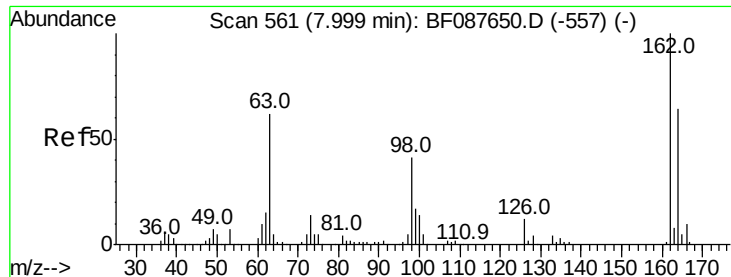
SOHIL
6/6/2016 7:18:23 PM



#28
bis(2-Chloroethoxy)methane
Concen: 26.38 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.01 min
Lab File: BF087670.D
Acq: 4 Jun 2016 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	337185		
95	32.3	26.5	39.7	
123	11.8	11.6	17.4	





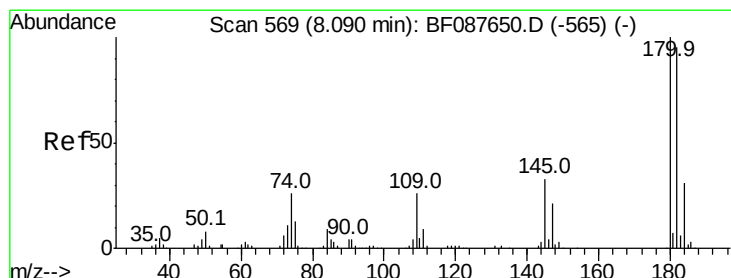
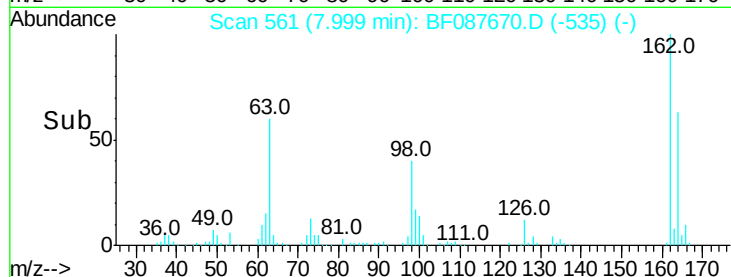
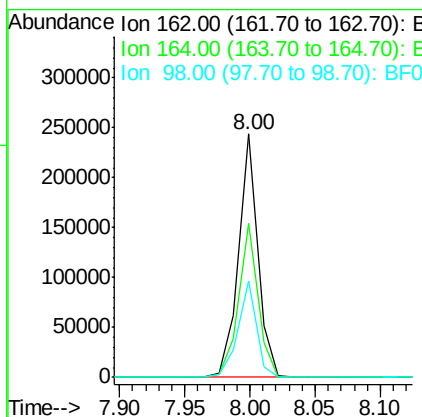
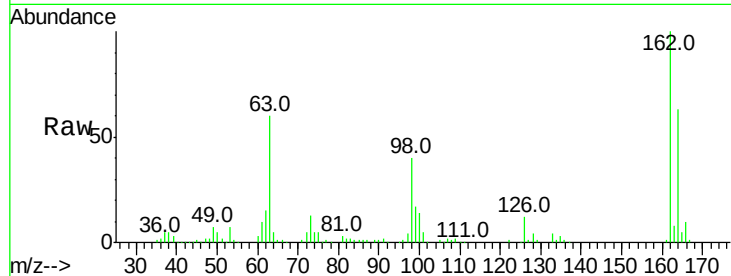
#29
2,4-Dichlorophenol
Concen: 28.50 ng
RT: 8.00 min Scan# 561
Delta R.T. -0.00 min
Lab File: BF087670.D
Acq: 4 Jun 2016 17:15

Instrument :
BNA_F
ClientSampleId :
PB91075BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		249637		
164	63.5	43.8	83.8		
98	39.8	21.3	61.3		

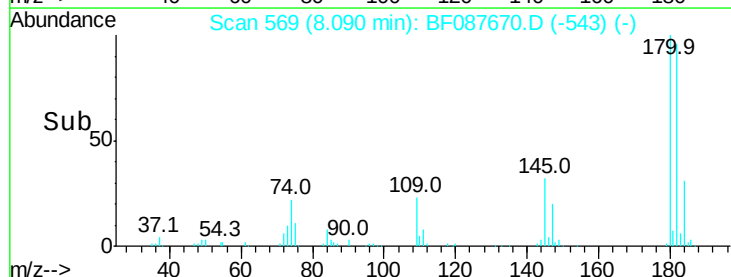
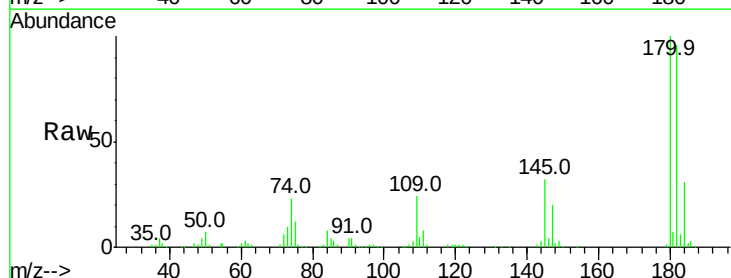
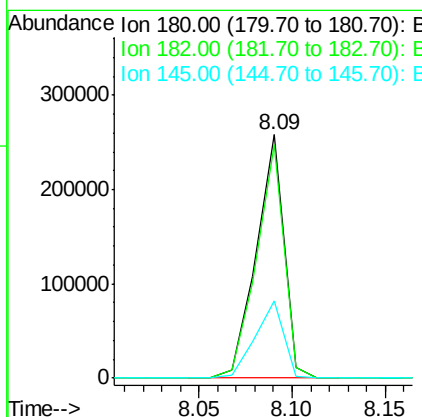
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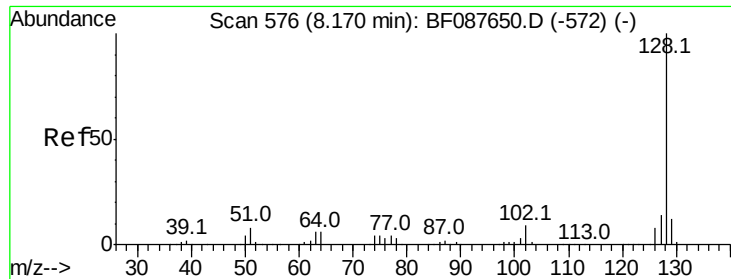
SOHIL
6/6/2016 7:18:23 PM



#30
1,2,4-Trichlorobenzene
Concen: 28.85 ng
RT: 8.09 min Scan# 569
Delta R.T. -0.00 min
Lab File: BF087670.D
Acq: 4 Jun 2016 17:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		264635		
182	96.1	76.0	114.0		
145	31.9	26.5	39.7		





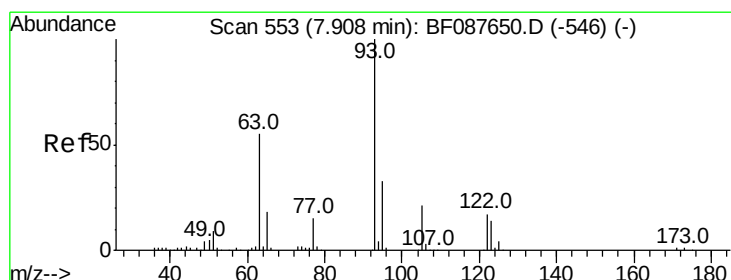
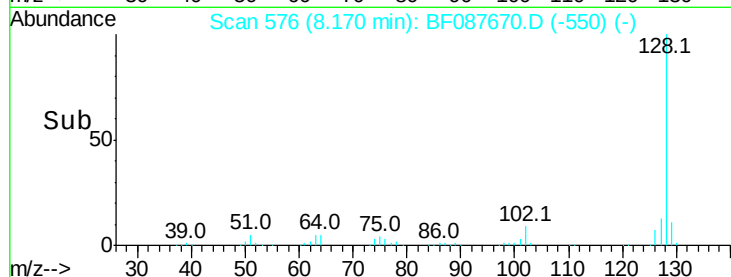
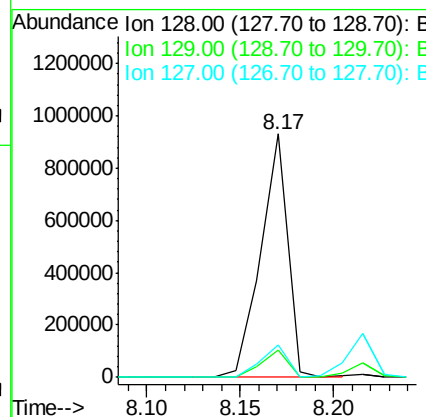
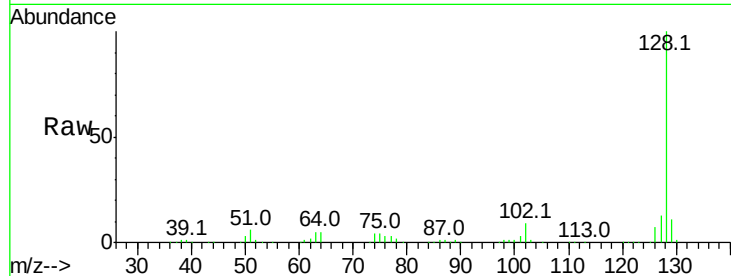
#31
Naphthalene
Concen: 29.81 ng
RT: 8.17 min Scan# 576
Delta R.T. -0.00 min
Lab File: BF087670.D
Acq: 4 Jun 2016 17:15

Instrument :
BNA_F
ClientSampleId :
PB91075BSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.3	9.4	14.2	
127	13.4	10.9	16.3	

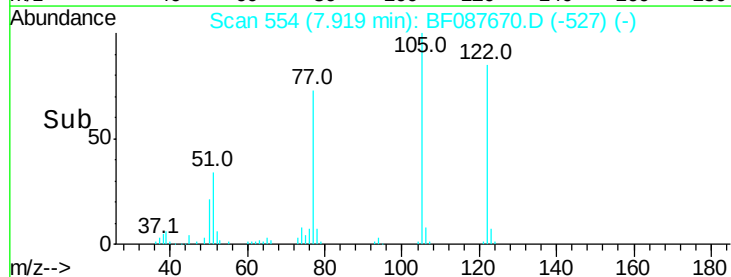
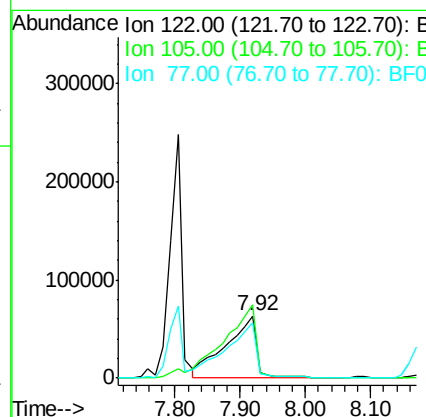
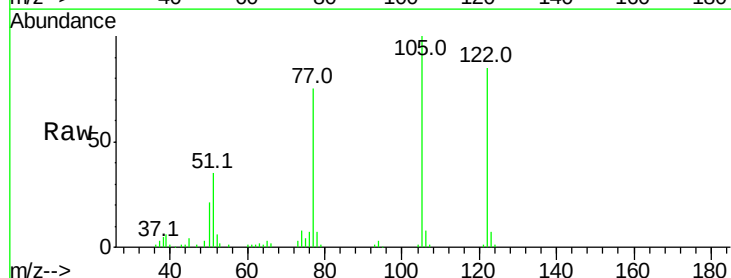
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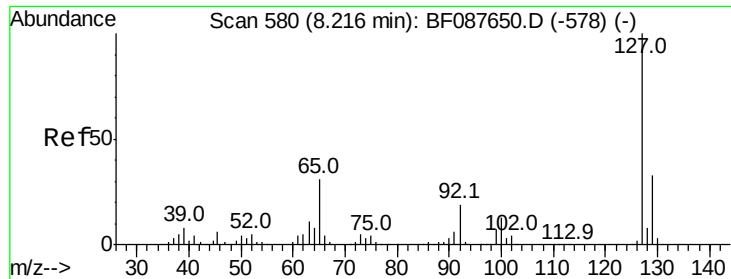
SOHIL
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#32
Benzoic acid
Concen: 31.95 ng
RT: 7.92 min Scan# 554
Delta R.T. 0.01 min
Lab File: BF087670.D
Acq: 4 Jun 2016 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	117.9	101.6	141.6	
77	88.6	70.6	110.6	





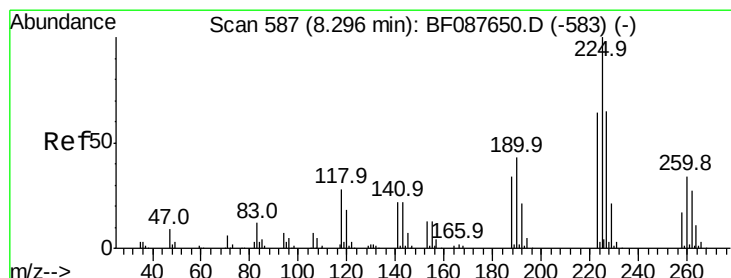
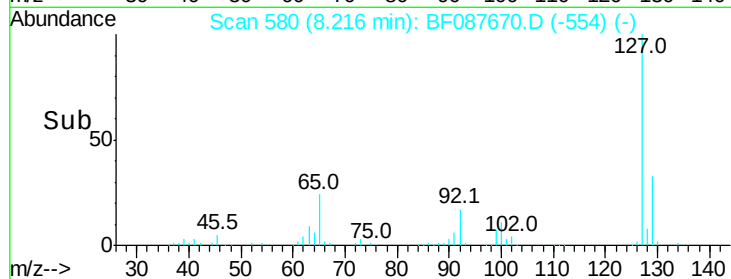
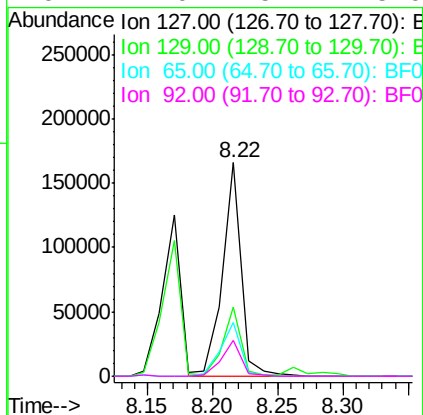
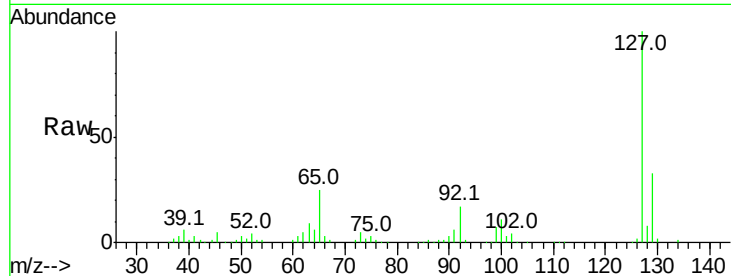
#33
4-Chloroaniline
Concen: 12.32 ng
RT: 8.22 min Scan# 580
Delta R.T. -0.00 min
Lab File: BF087670.D
Acq: 4 Jun 2016 17:15

Instrument :
BNA_F
ClientSampleId :
PB91075BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		166596		
129	32.6	26.3	39.5		
65	25.0	24.7	37.1		
92	17.0	15.4	23.0		

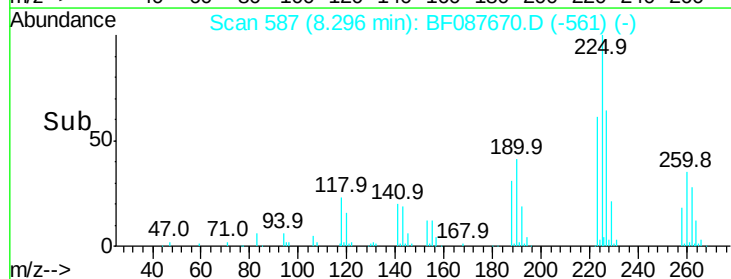
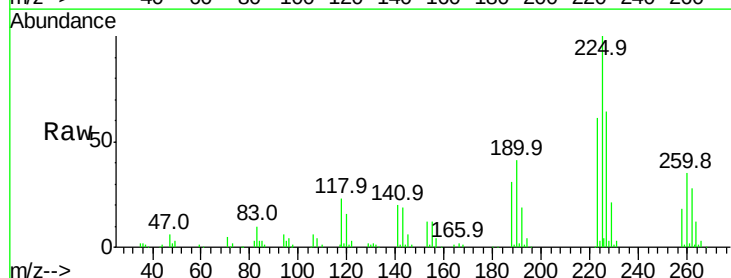
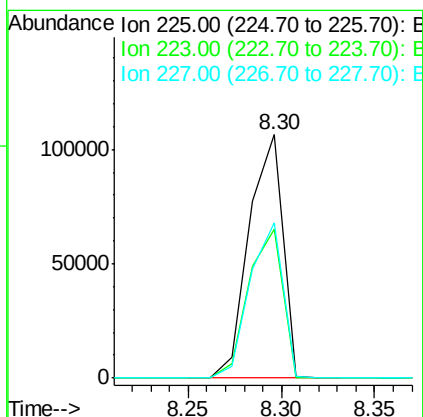
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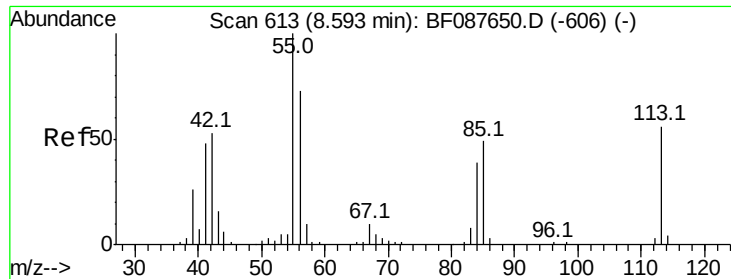
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#34
Hexachlorobutadiene
Concen: 27.86 ng
RT: 8.30 min Scan# 587
Delta R.T. -0.00 min
Lab File: BF087670.D
Acq: 4 Jun 2016 17:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		132859		
223	61.1	50.9	76.3		
227	63.8	51.9	77.9		





#35

Caprolactam

Concen: 29.31 ng/mL

RT: 8.58 min Scan# 612

Delta R.T. -0.01 min

Lab File: BF087670.D

Acq: 4 Jun 2016 17:15

Instrument :

BNA_F

ClientSampleId :

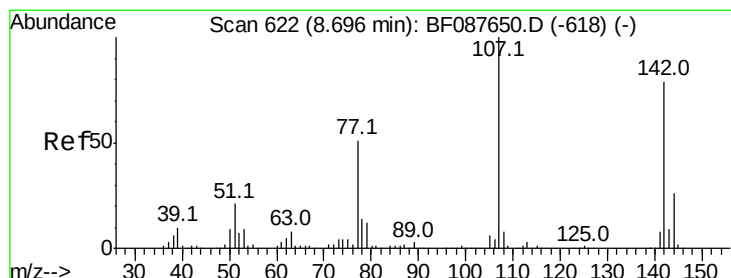
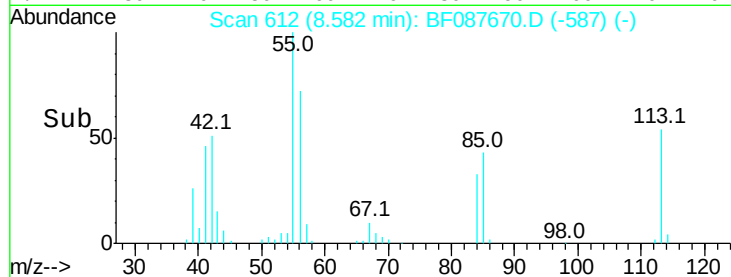
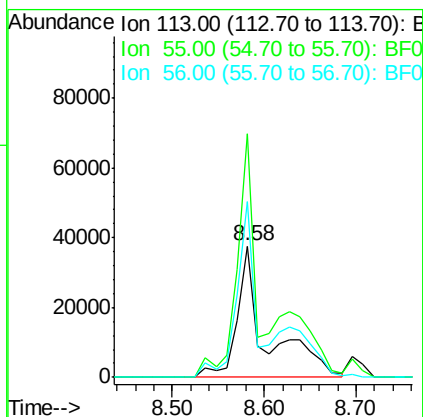
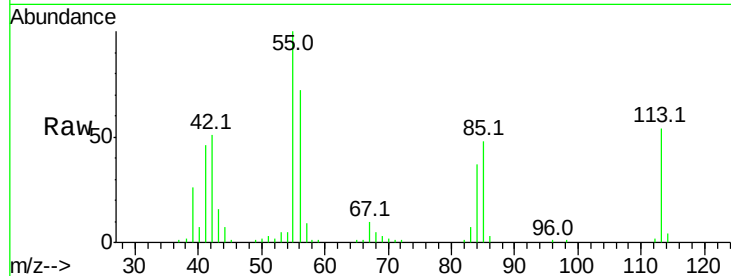
PB91075BSD

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Tot Ion	Ratio	Lower	Upper
113	100		
55	185.7	158.6	198.6
56	133.9	110.6	150.6



#36

4-Chloro-3-methylphenol

Concen: 28.63 ng/mL

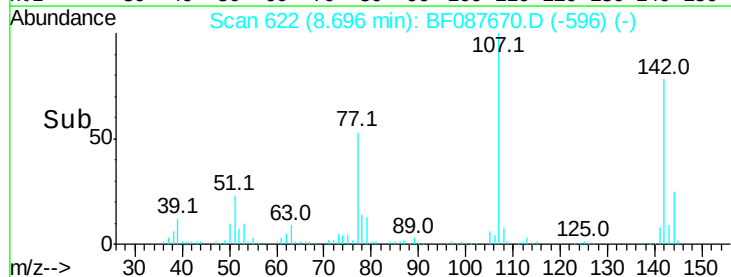
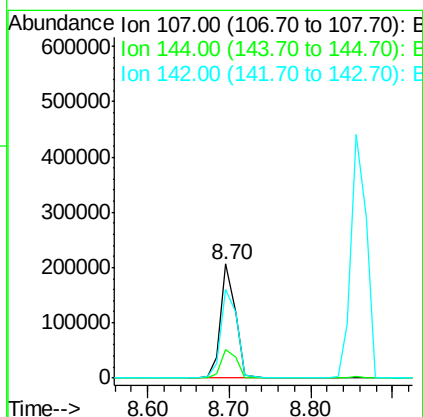
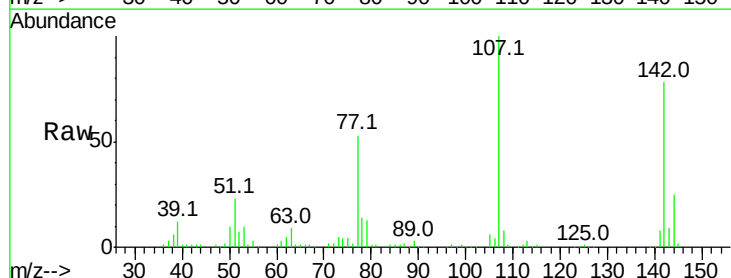
RT: 8.70 min Scan# 622

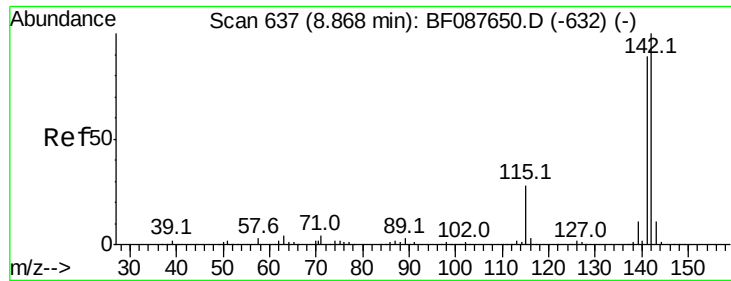
Delta R.T. -0.00 min

Lab File: BF087670.D

Acq: 4 Jun 2016 17:15

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.0	20.8	31.2
142	77.7	63.4	95.2





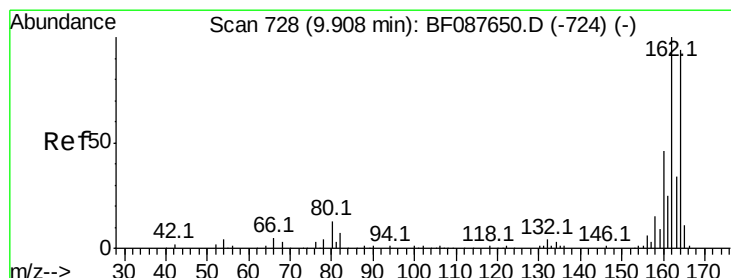
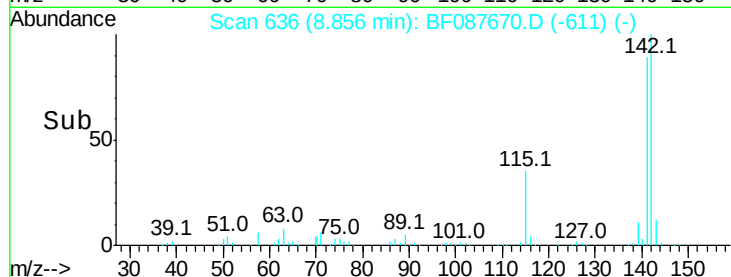
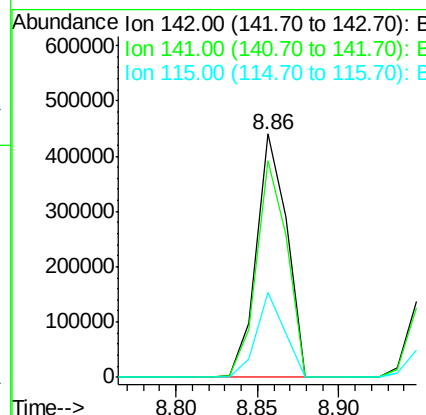
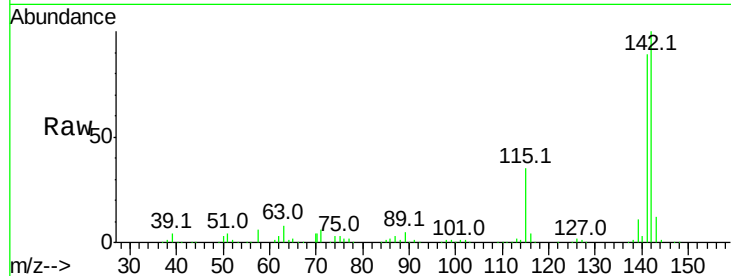
#37
2-Methylnaphthalene
Concen: 27.76 ng
RT: 8.86 min Scan# 636
Delta R.T. -0.01 min
Lab File: BF087670.D
Acq: 4 Jun 2016 17:15

Instrument :
BNA_F
ClientSampleId :
PB91075BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.0	106.6
115	35.0	22.6	33.8

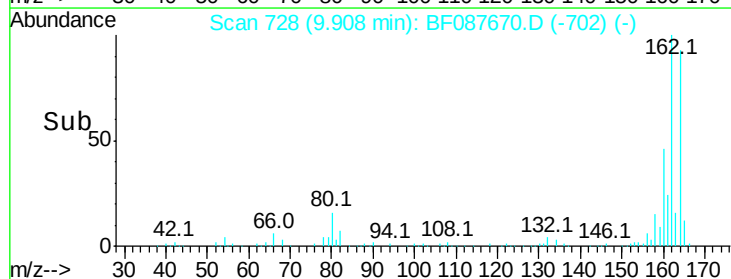
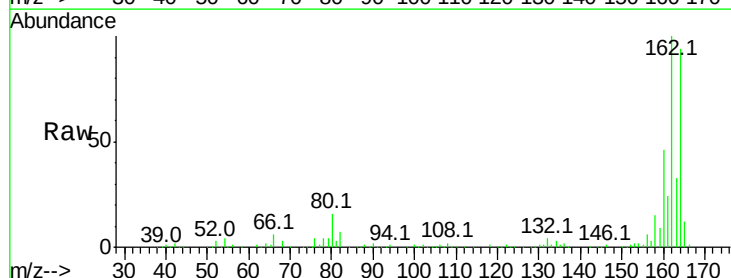
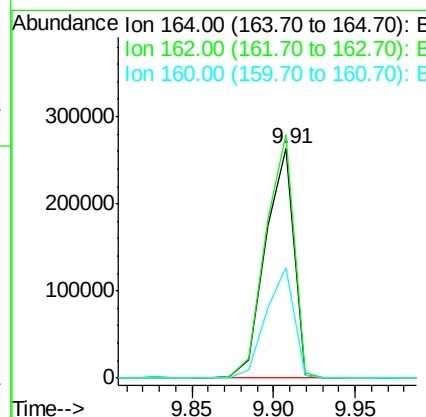
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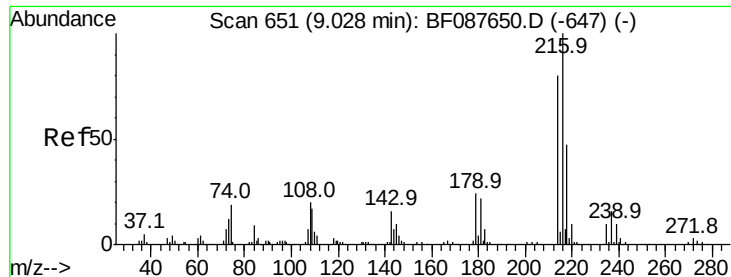
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.91 min Scan# 728
Delta R.T. -0.00 min
Lab File: BF087670.D
Acq: 4 Jun 2016 17:15

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.2	85.4	128.2
160	48.4	39.5	59.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 27.08 ng

RT: 9.03 min Scan# 651

Delta R.T. 0.00 min

Lab File: BF087670.D

Acq: 4 Jun 2016 17:15

Instrument :

BNA_F

ClientSampleId :

PB91075BSD

Tot Ion:216 Resp: 237316
Ion Ratio Lower Upper

216 100

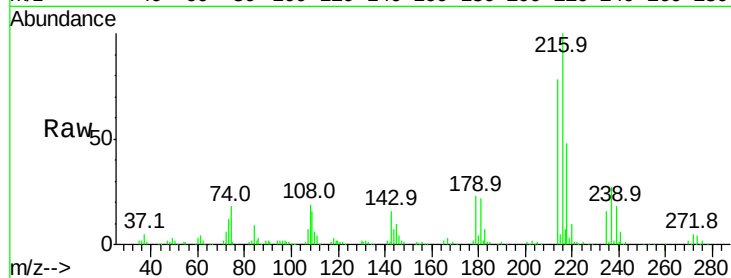
214 78.3 2.9 4.3#

179 22.5 0.0 0.0#

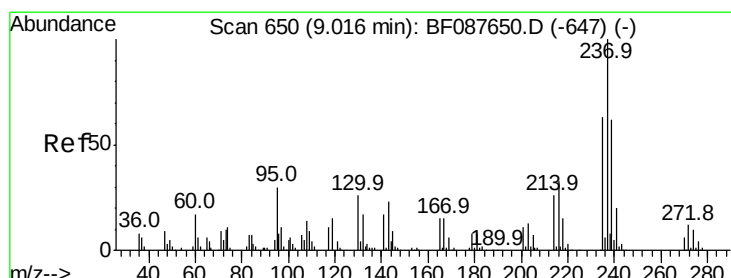
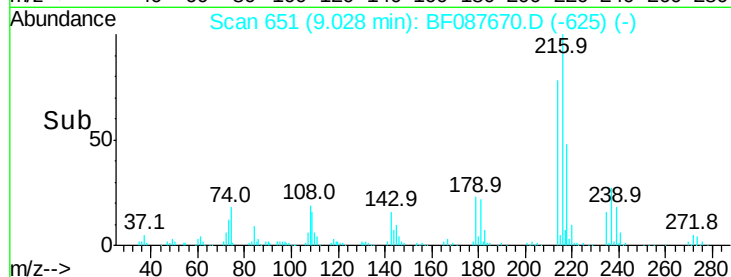
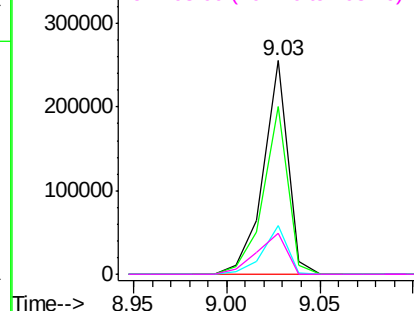
108 24.2 0.5 0.7#

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



#40

Hexachlorocyclopentadiene

Concen: 51.54 ng

RT: 9.02 min Scan# 650

Delta R.T. -0.00 min

Lab File: BF087670.D

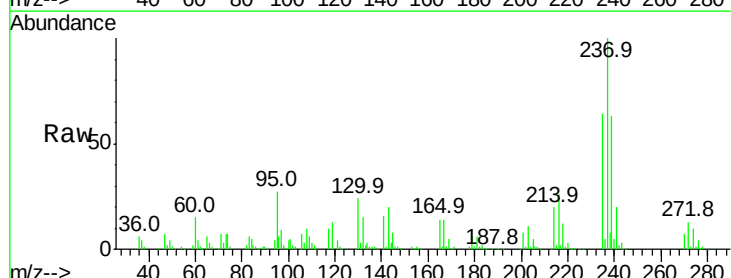
Acq: 4 Jun 2016 17:15

Tgt Ion:237 Resp: 265663
Ion Ratio Lower Upper

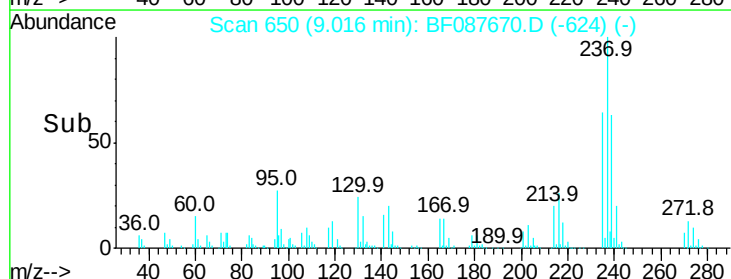
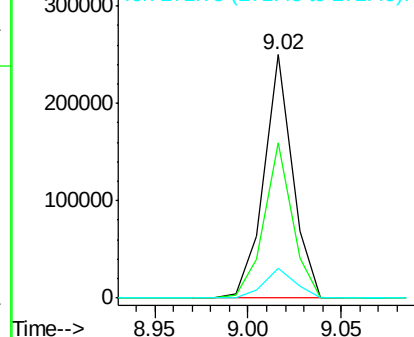
237 100

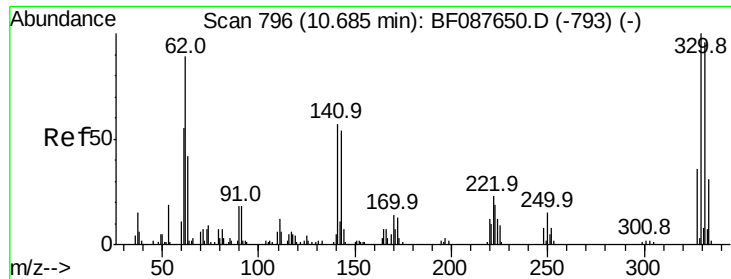
235 63.8 43.4 83.4

272 12.5 0.0 32.3



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





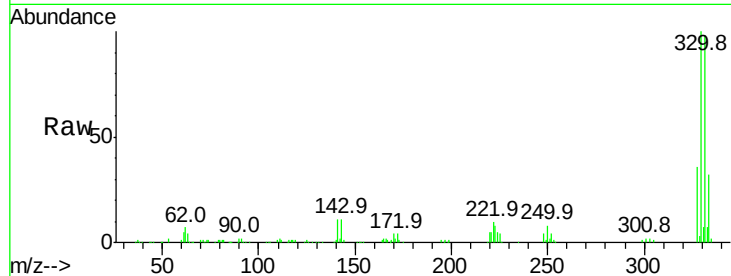
#41
 2,4,6-Tribromophenol
 Concen: 83.93 ng
 RT: 10.70 min Scan# 797
 Delta R.T. 0.01 min
 Lab File: BF087670.D
 Acq: 4 Jun 2016 17:15

Instrument :
 BNA_F
 ClientSampleId :
 PB91075BSD

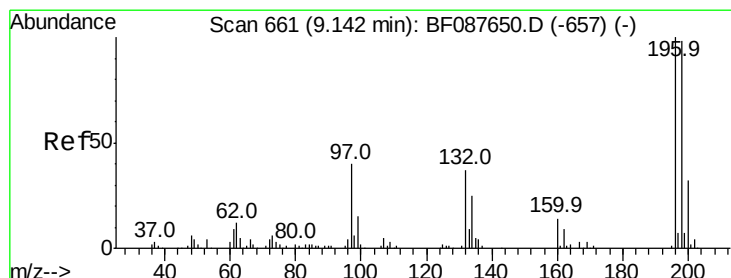
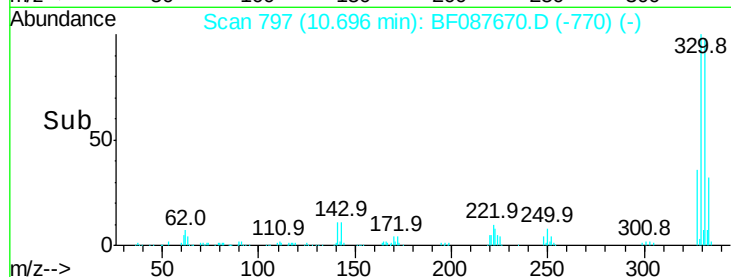
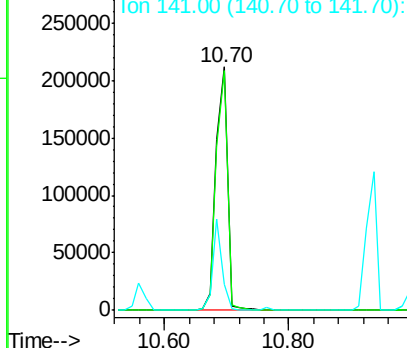
Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	97.3	0.0	0.0#
141	30.9	0.0	0.0#

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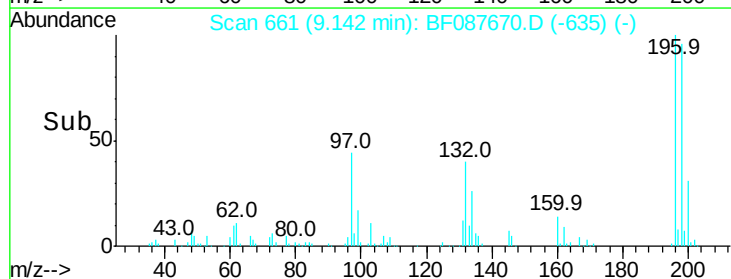
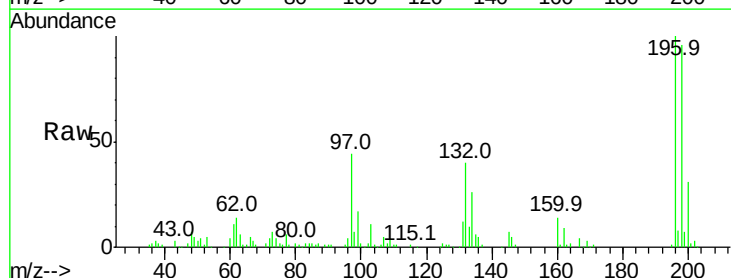
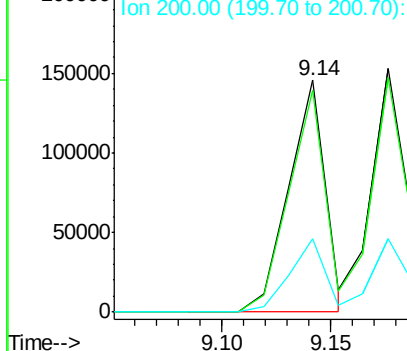
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

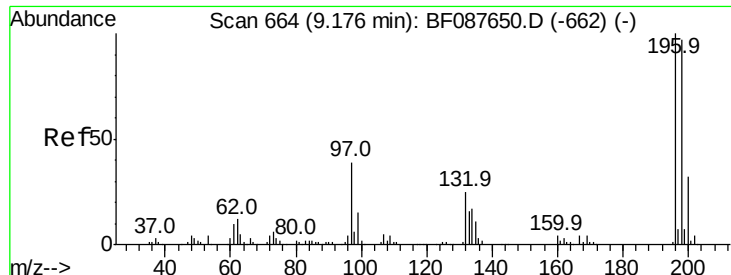


#42
 2,4,6-Trichlorophenol
 Concen: 25.80 ng
 RT: 9.14 min Scan# 661
 Delta R.T. -0.00 min
 Lab File: BF087670.D
 Acq: 4 Jun 2016 17:15

Tgt Ion	Ratio	Resp Lower	Upper
196	100		
198	95.7	78.0	117.0
200	31.5	25.4	38.2

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





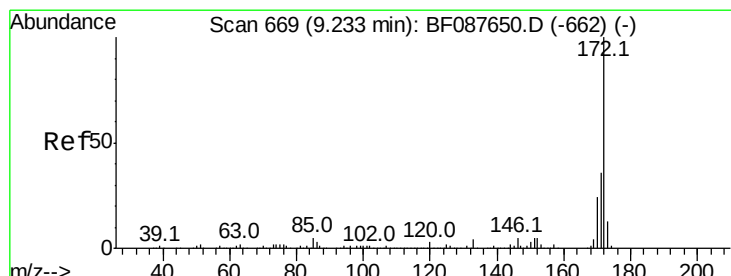
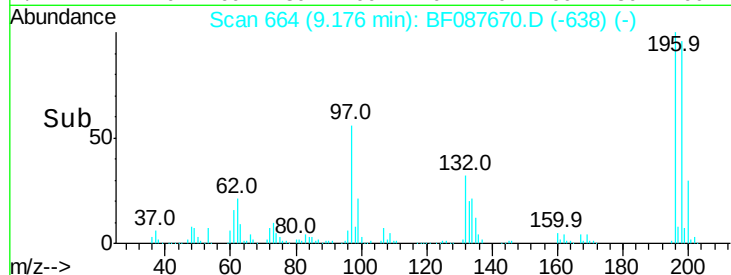
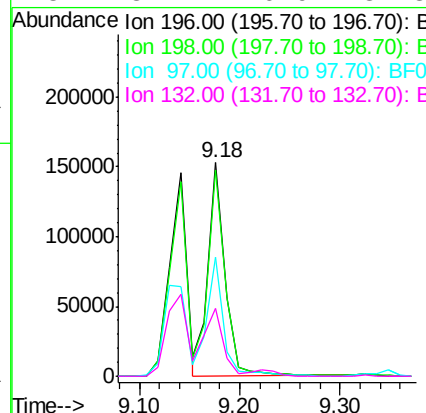
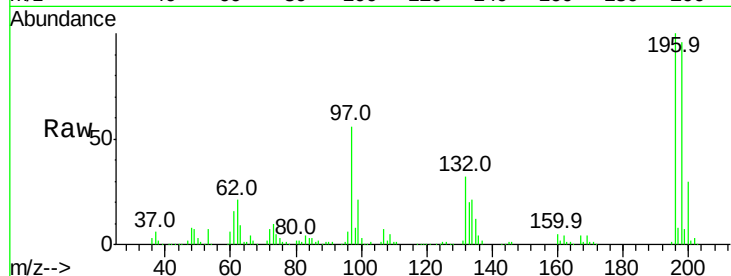
#43
 2,4,5-Trichlorophenol
 Concen: 29.39 ng
 RT: 9.18 min Scan# 664
 Delta R.T. -0.00 min
 Lab File: BF087670.D
 Acq: 4 Jun 2016 17:15

Instrument :
 BNA_F
 ClientSampleId :
 PB91075BSD

Tot Ion	196	Resp	181020
Ion Ratio	Lower	Upper	
196	100		
198	96.4	77.5	116.3
97	55.9	32.0	48.0#
132	31.7	20.9	31.3#

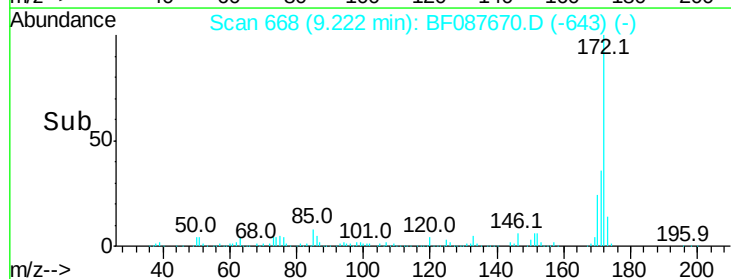
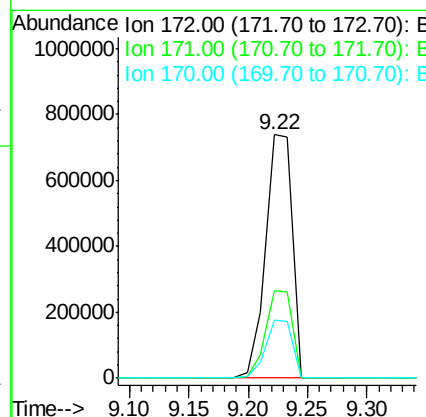
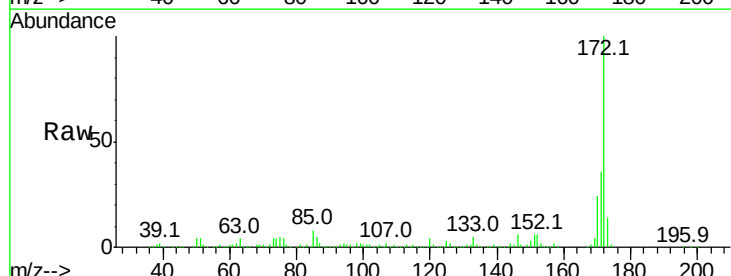
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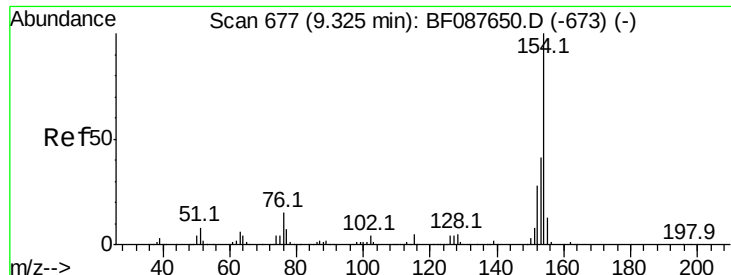
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#44
 2-Fluorobiphenyl
 Concen: 49.35 ng
 RT: 9.22 min Scan# 668
 Delta R.T. -0.01 min
 Lab File: BF087670.D
 Acq: 4 Jun 2016 17:15

Tgt Ion	172	Resp	1160270
Ion Ratio	Lower	Upper	
172	100		
171	35.9	28.6	43.0
170	23.9	19.2	28.8





#45

1,1'-Biphenyl

Concen: 25.75 ng

RT: 9.32 min Scan# 677

Delta R.T. 0.00 min

Lab File: BF087670.D

Acq: 4 Jun 2016 17:15

Instrument :

BNA_F

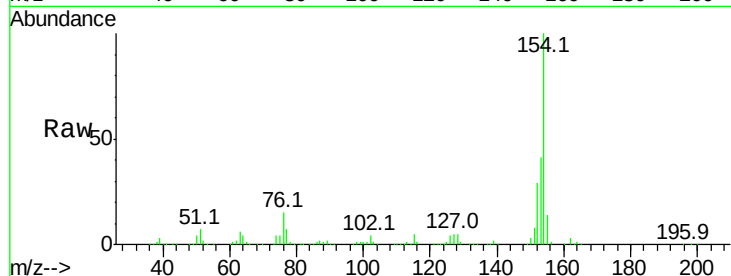
ClientSampleId :

PB91075BSD

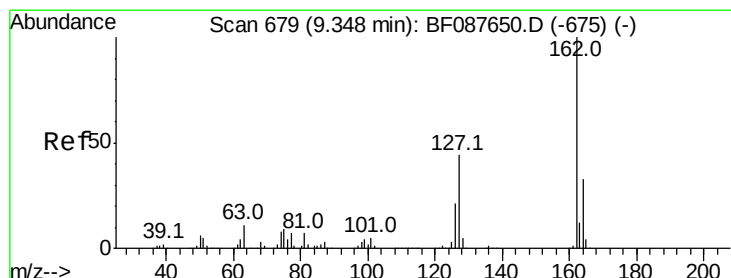
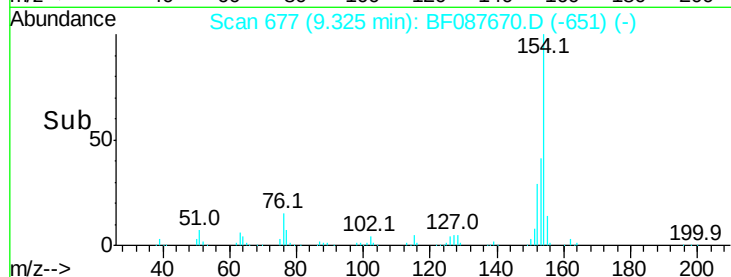
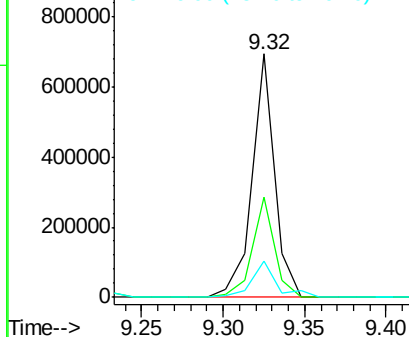
Tot Ion:	154	Resp:	664520
Ion Ratio	Lower	Upper	
154	100		
153	41.0	20.6	60.6
76	14.7	0.0	35.1

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



#46

2-Chloronaphthalene

Concen: 25.96 ng

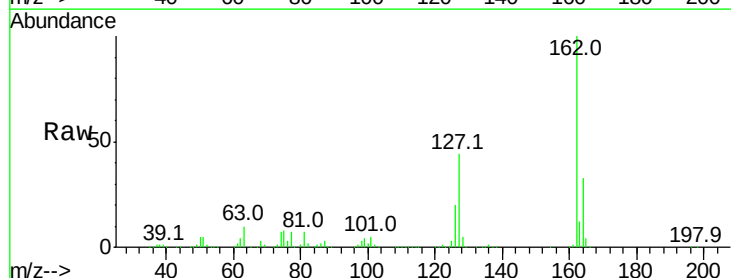
RT: 9.35 min Scan# 679

Delta R.T. -0.00 min

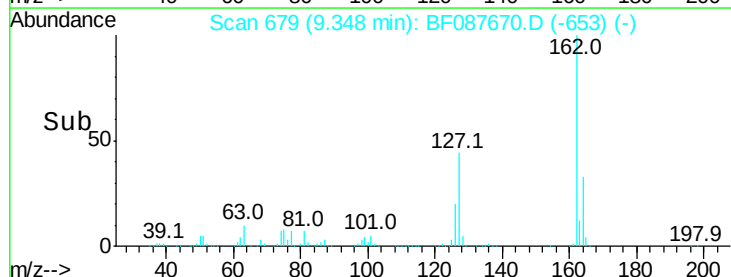
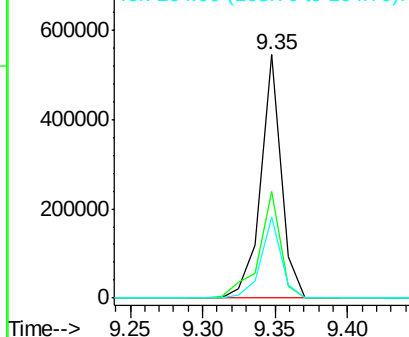
Lab File: BF087670.D

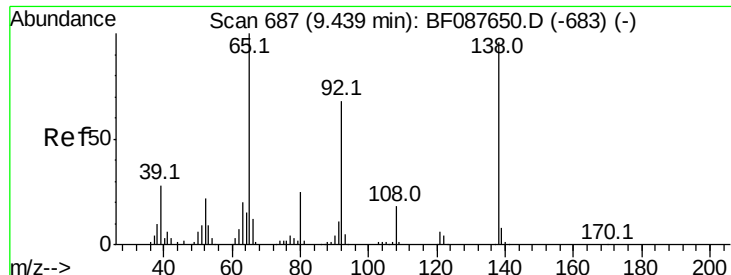
Acq: 4 Jun 2016 17:15

Tgt Ion:	162	Resp:	533292
Ion Ratio	Lower	Upper	
162	100		
127	43.7	35.2	52.8
164	33.2	26.6	39.8



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





#47

2-Nitroaniline

Concen: 26.63 ng

RT: 9.44 min Scan# 687

Delta R.T. -0.00 min

Lab File: BF087670.D

Acq: 4 Jun 2016 17:15

Instrument :

BNA_F

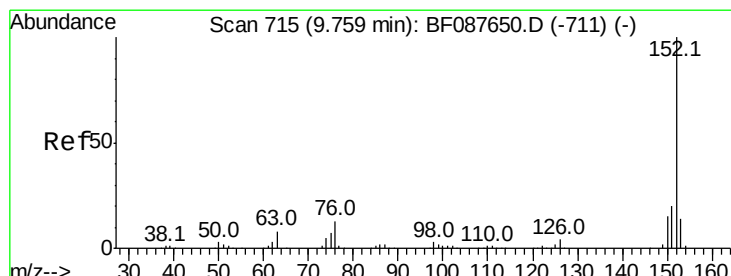
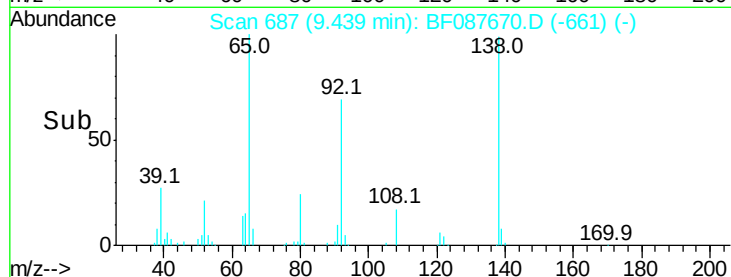
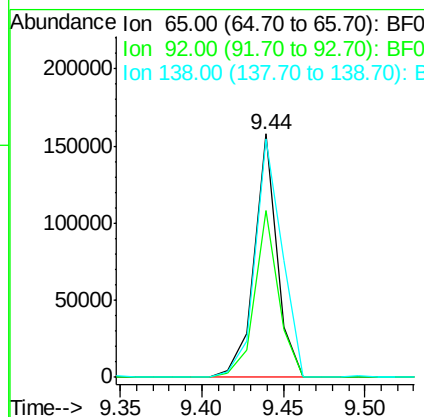
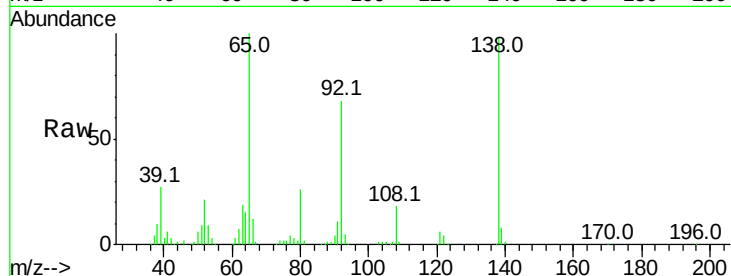
ClientSampleId :

PB91075BSD

Tot Ion:	65	Resp:	154002
Ion Ratio	Lower	Upper	
65	100		
92	68.4	54.6	82.0
138	98.0	77.0	115.4

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#48

Acenaphthylene

Concen: 27.89 ng

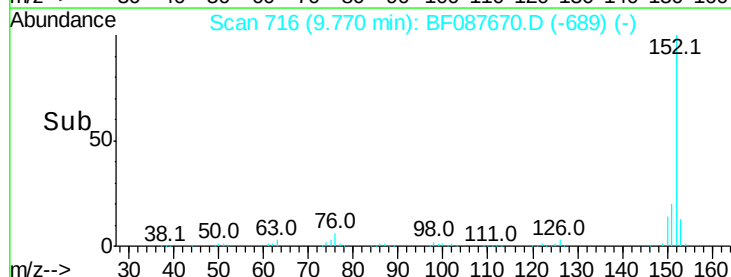
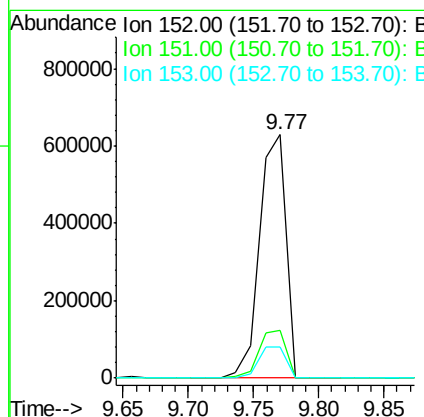
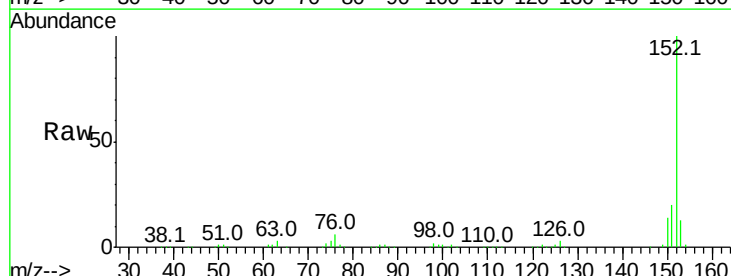
RT: 9.77 min Scan# 716

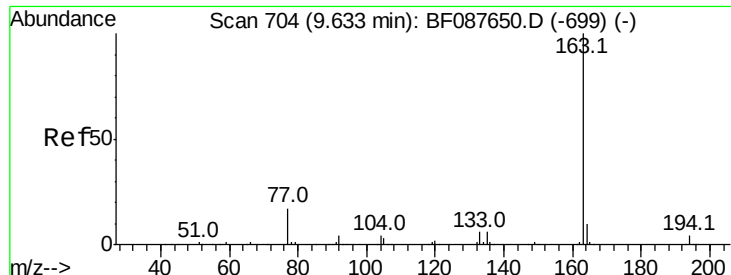
Delta R.T. 0.01 min

Lab File: BF087670.D

Acq: 4 Jun 2016 17:15

Tgt Ion:	152	Resp:	893306
Ion Ratio	Lower	Upper	
152	100		
151	19.9	16.2	24.4
153	12.9	11.0	16.6





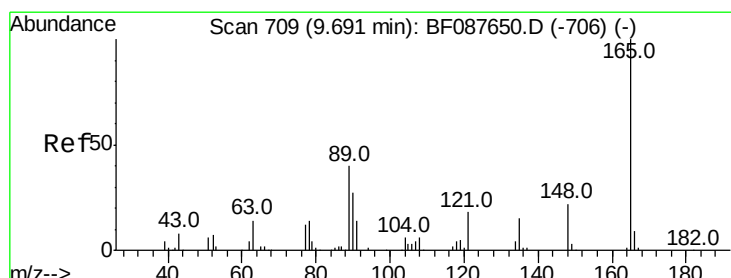
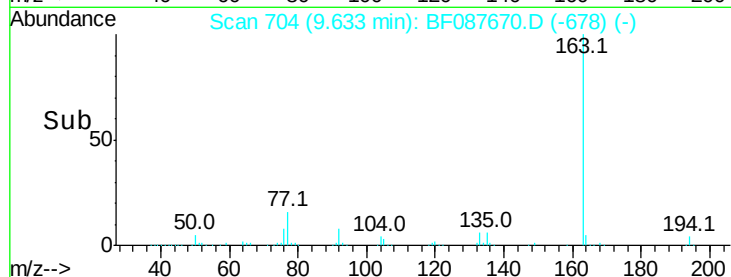
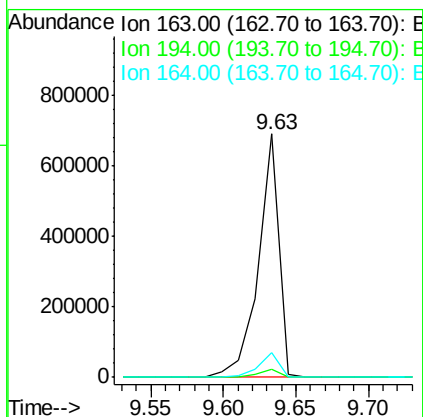
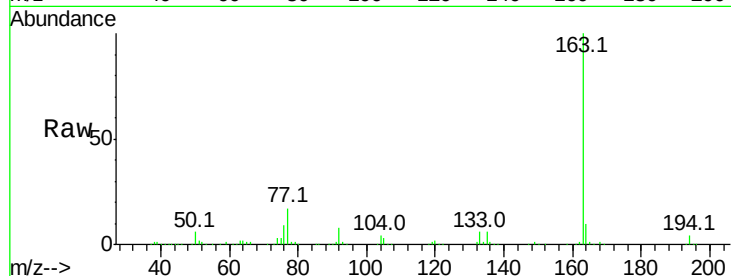
#49
Dimethylphthalate
Concen: 29.26 ng
RT: 9.63 min Scan# 704
Delta R.T. -0.00 min
Lab File: BF087670.D
Acq: 4 Jun 2016 17:15

Instrument :
BNA_F
ClientSampleId :
PB91075BSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	676223		
194	3.6		2.8	4.2
164	10.3		8.3	12.5

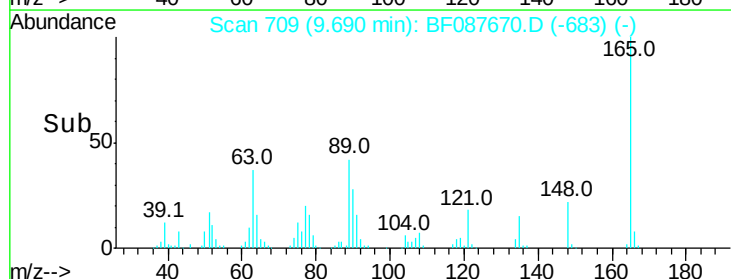
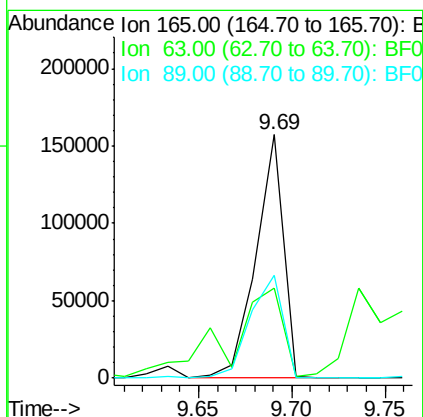
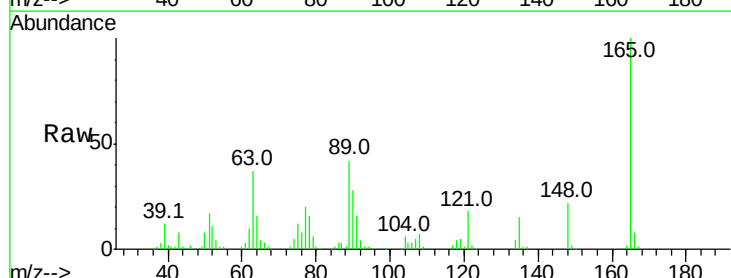
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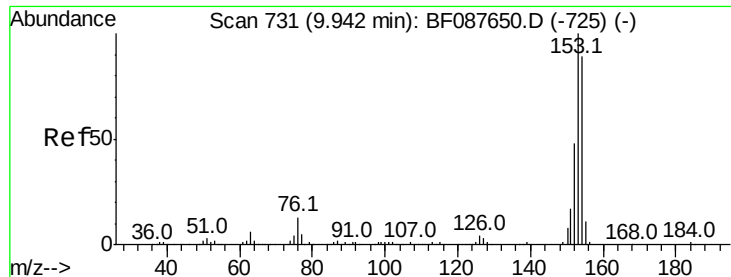
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#50
2,6-Dinitrotoluene
Concen: 30.26 ng
RT: 9.69 min Scan# 709
Delta R.T. -0.00 min
Lab File: BF087670.D
Acq: 4 Jun 2016 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	159133		
63	37.0		28.1	42.1
89	42.2		32.2	48.2





#51

Acenaphthene

Concen: 28.71 ng

RT: 9.94 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF087670.D

Acq: 4 Jun 2016 17:15

Instrument :

BNA_F

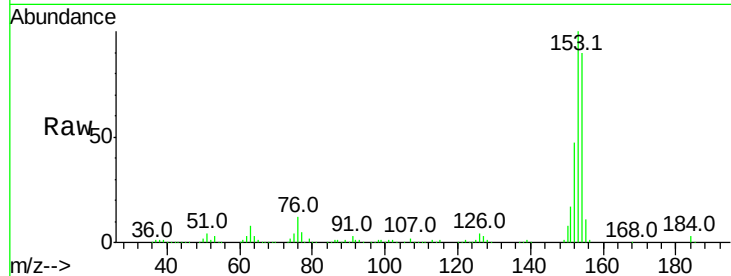
ClientSampleId :

PB91075BSD

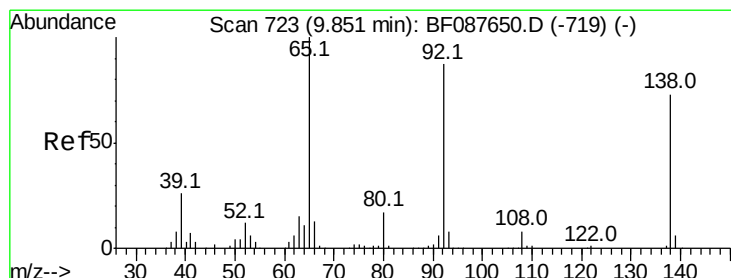
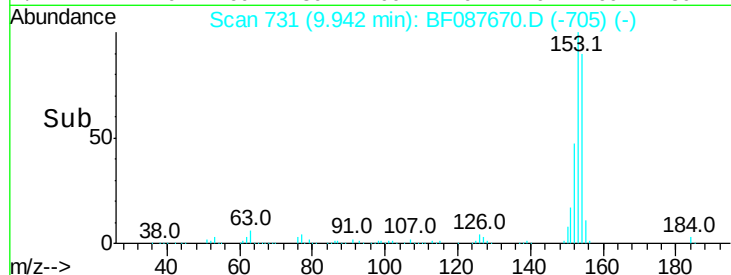
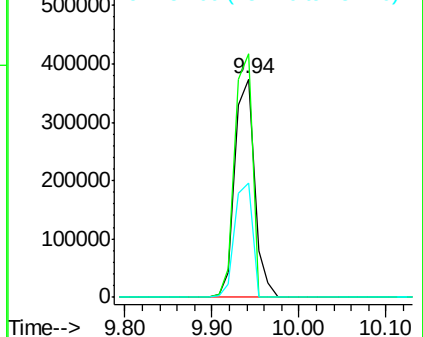
Tot Ion:	154	Resp:	591721
Ion Ratio	Lower	Upper	
154	100		
153	111.4	89.5	134.3
152	52.5	42.7	64.1

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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: 16.08 ng

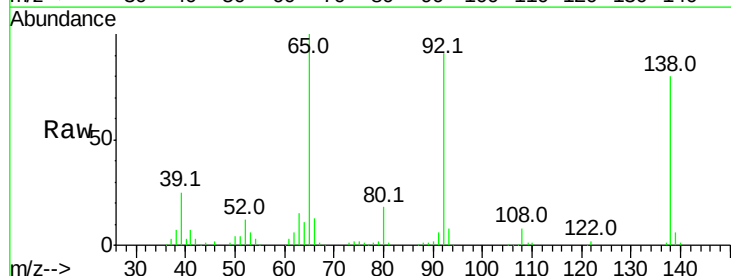
RT: 9.85 min Scan# 723

Delta R.T. -0.00 min

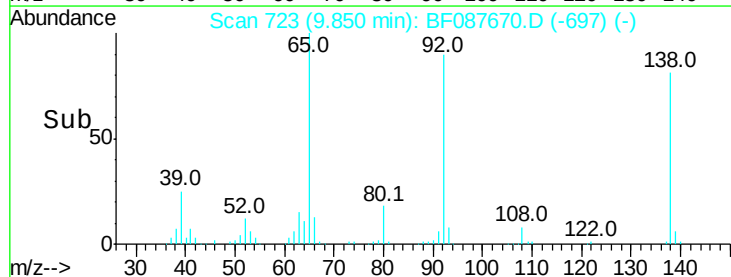
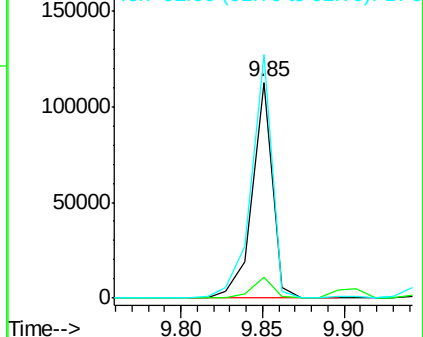
Lab File: BF087670.D

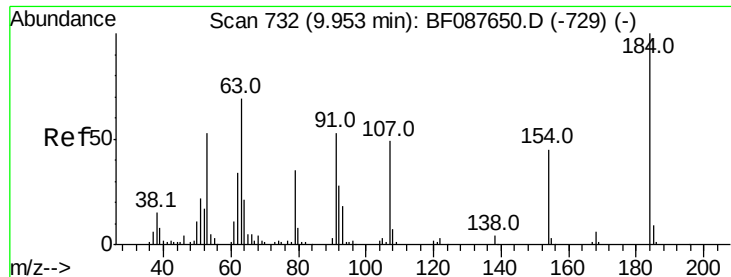
Acq: 4 Jun 2016 17:15

Tgt Ion:	138	Resp:	96703
Ion Ratio	Lower	Upper	
138	100		
108	9.8	8.5	12.7
92	112.9	95.7	143.5



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





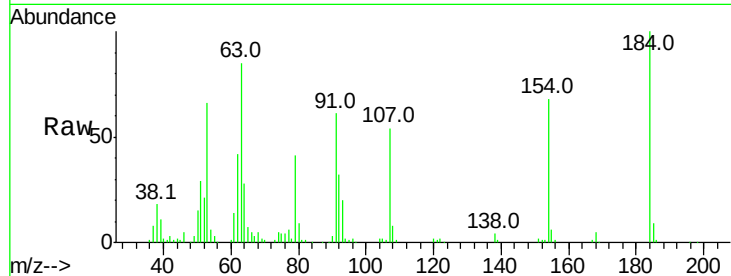
#53
2,4-Dinitrophenol
Concen: 55.45 ng
RT: 9.95 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF087670.D
Acq: 4 Jun 2016 17:15

Instrument :
BNA_F
ClientSampled :
PB91075BSD

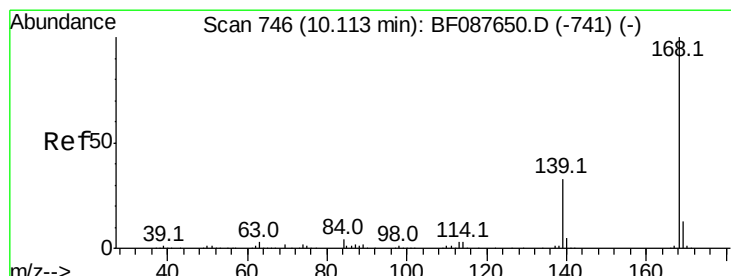
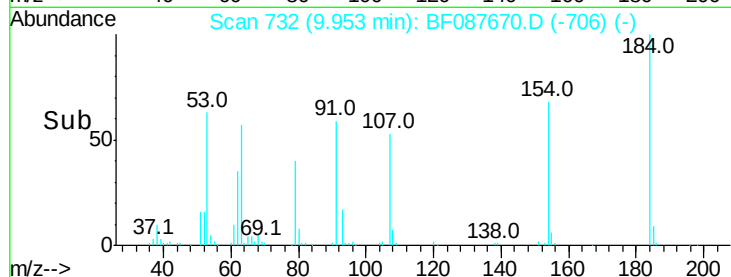
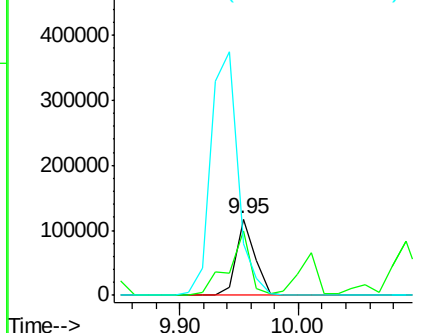
Tot Ion	Ratio	Resp	Lower	Upper
184	100	129360		
63	85.2	57.6	86.4	
154	67.7	53.5	80.3	

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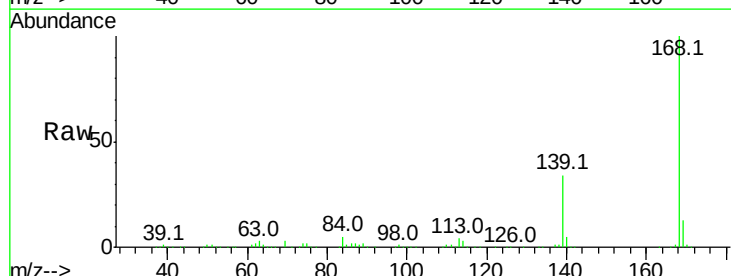


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

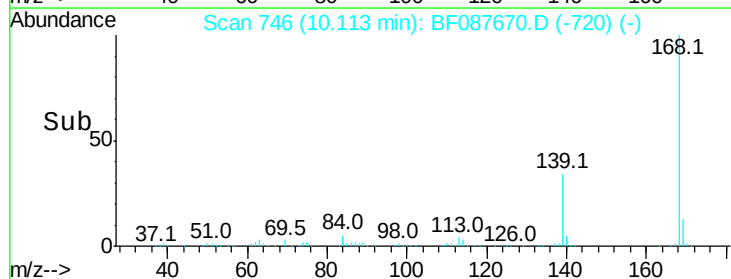
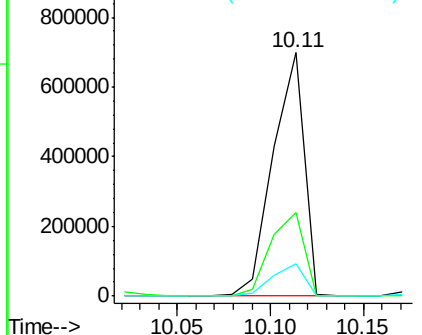


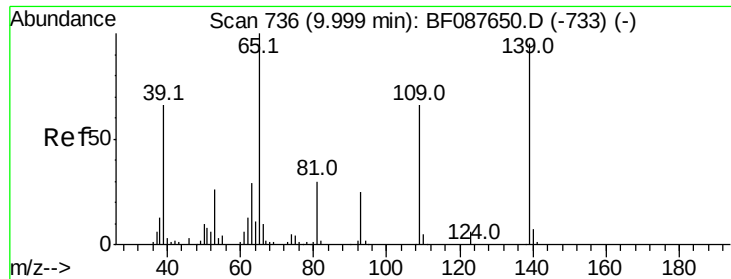
#54
Dibenzofuran
Concen: 29.06 ng
RT: 10.11 min Scan# 746
Delta R.T. 0.00 min
Lab File: BF087670.D
Acq: 4 Jun 2016 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	815558		
139	34.2	26.4	39.6	
169	13.2	10.4	15.6	



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





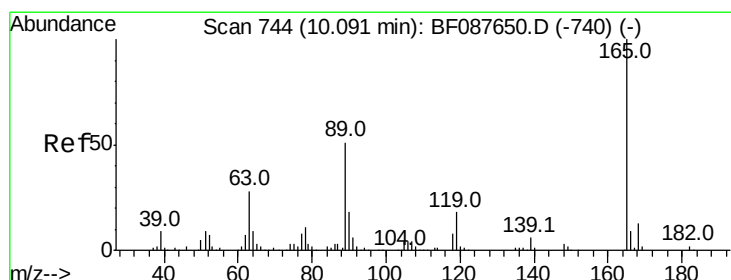
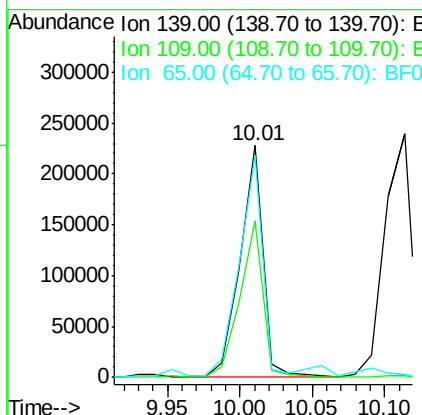
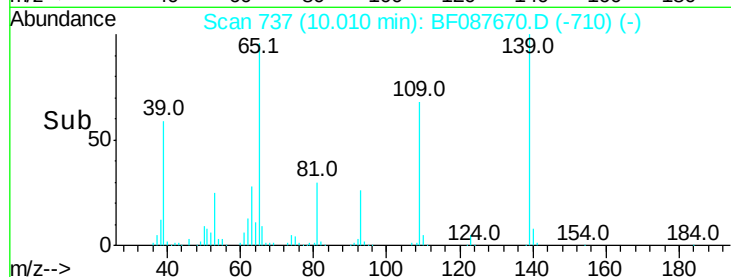
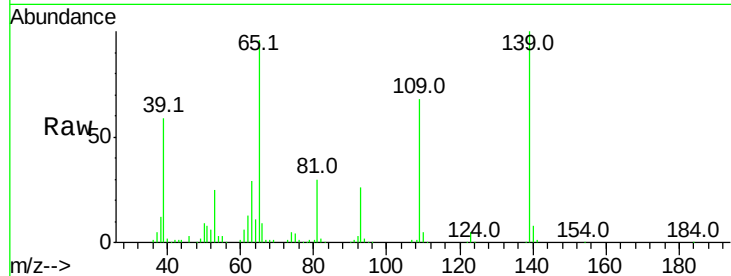
#55
4-Nitrophenol
Concen: 48.99 ng
RT: 10.01 min Scan# 737
Delta R.T. 0.01 min
Lab File: BF087670.D
Acq: 4 Jun 2016 17:15

Instrument :
BNA_F
ClientSampleId :
PB91075BSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	67.6	48.9	88.9	
65	95.5	84.9	124.9	

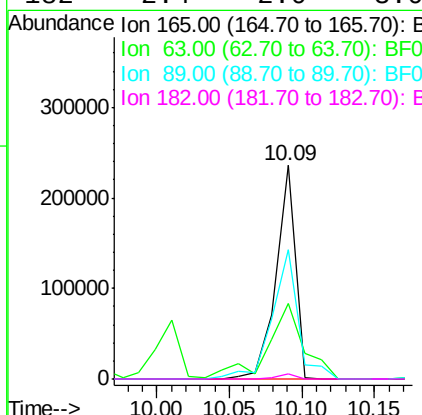
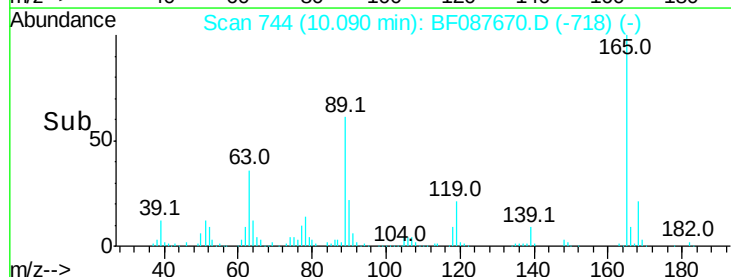
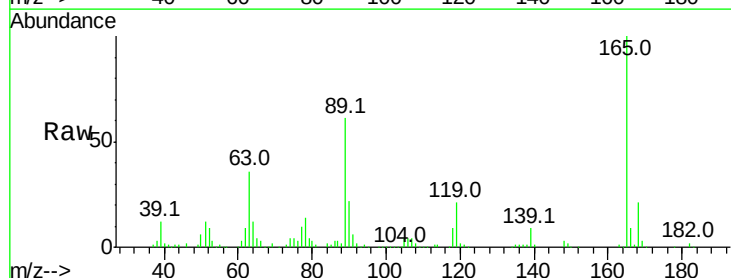
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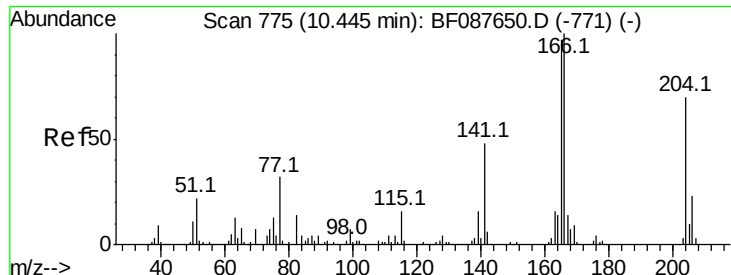
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#56
2,4-Dinitrotoluene
Concen: 32.62 ng
RT: 10.09 min Scan# 744
Delta R.T. -0.00 min
Lab File: BF087670.D
Acq: 4 Jun 2016 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	35.6	22.0	33.0#	
89	60.6	41.1	61.7	
182	2.4	2.0	3.0	





#57

Fluorene

Concen: 26.20 ng

RT: 10.46 min Scan# 776

Delta R.T. 0.01 min

Lab File: BF087670.D

Acq: 4 Jun 2016 17:15

Instrument :

BNA_F

ClientSampleId :

PB91075BSD

Tot Ion:166 Resp: 574655

Ion Ratio Lower Upper

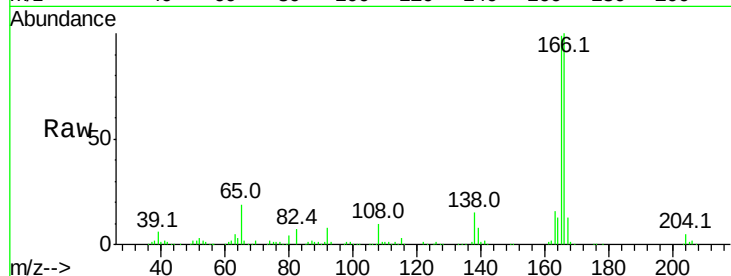
166 100

165 99.1 77.8 116.8

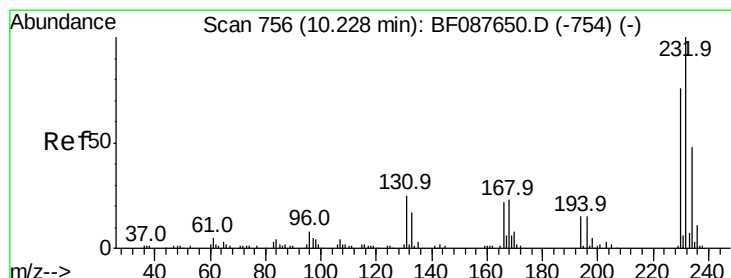
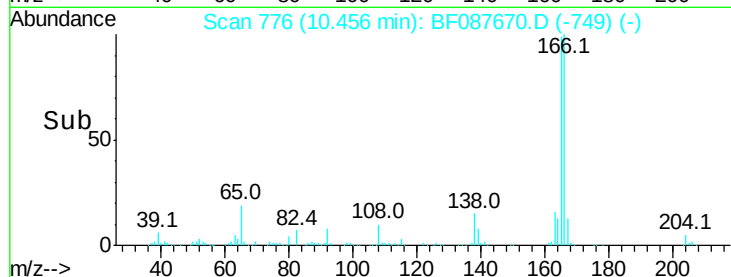
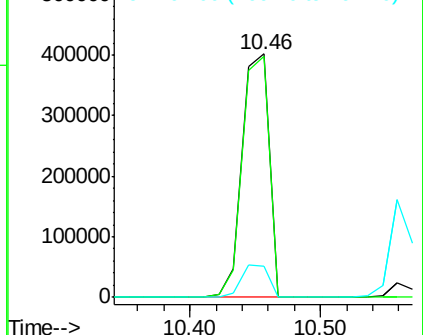
167 12.9 11.2 16.8

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



#58

2,3,4,6-Tetrachlorophenol

Concen: 29.11 ng

RT: 10.23 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF087670.D

Acq: 4 Jun 2016 17:15

Tgt Ion:232 Resp: 154436

Ion Ratio Lower Upper

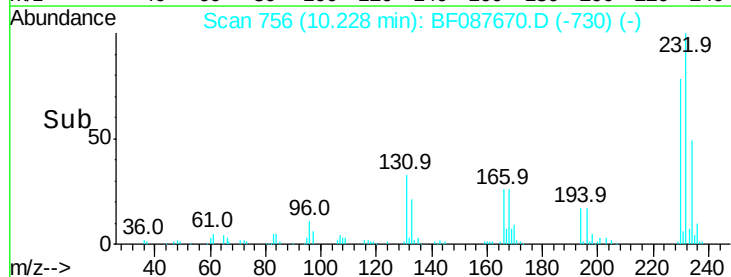
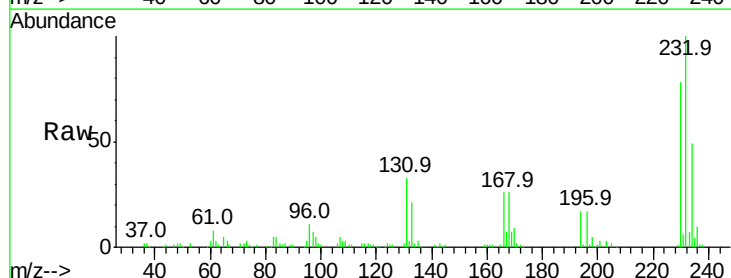
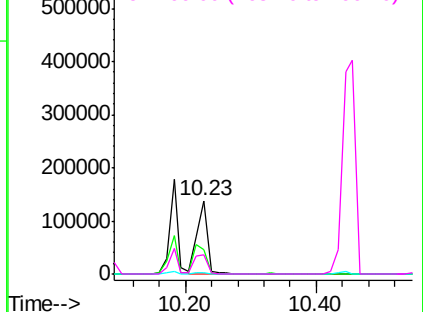
232 100

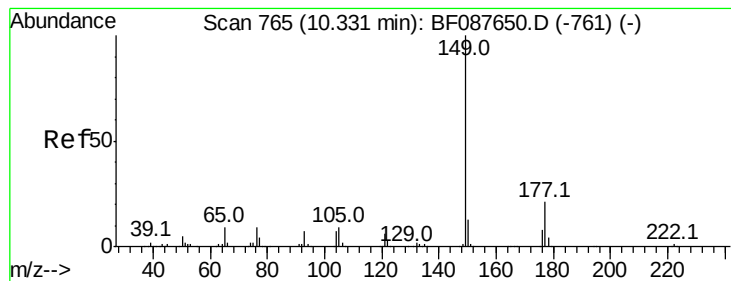
131 46.9 0.9 1.3#

130 2.2 1.5 2.3

166 32.5 0.5 0.7#

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





#59

Diethylphthalate

Concen: 26.79 ng

RT: 10.33 min Scan# 765

Delta R.T. -0.00 min

Lab File: BF087670.D

Acq: 4 Jun 2016 17:15

Instrument :

BNA_F

ClientSampleId :

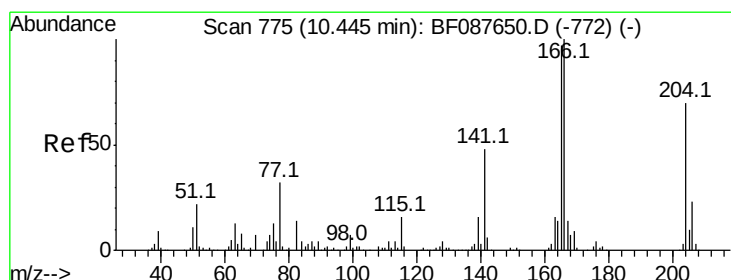
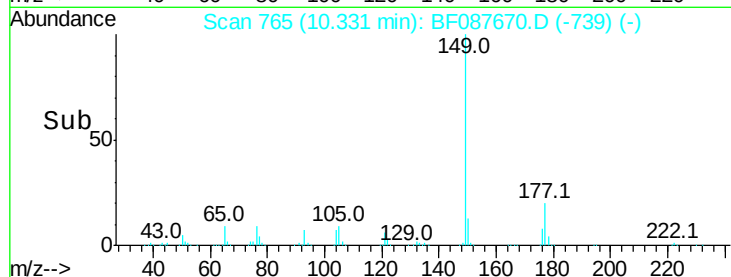
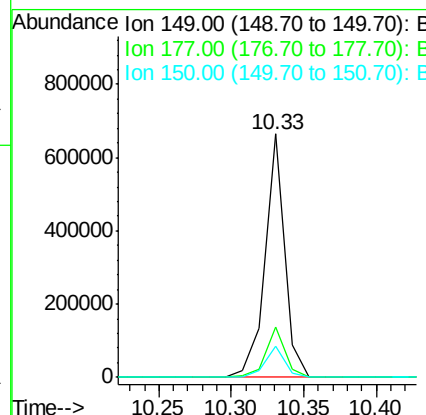
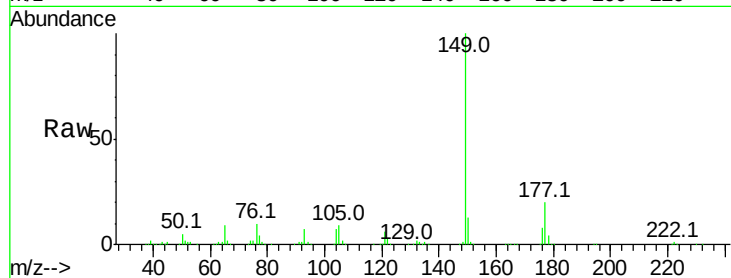
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Tot Ion	Ratio	Resp	Lower	Upper
149	100			
177	20.5	16.9	25.3	
150	12.7	10.1	15.1	



#60

4-Chlorophenyl-phenylether

Concen: 25.46 ng

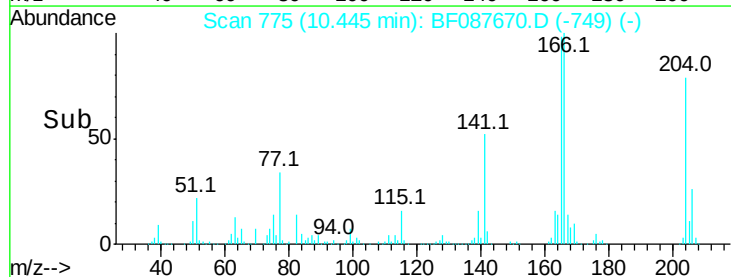
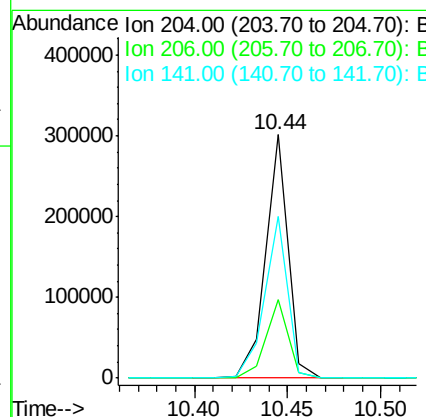
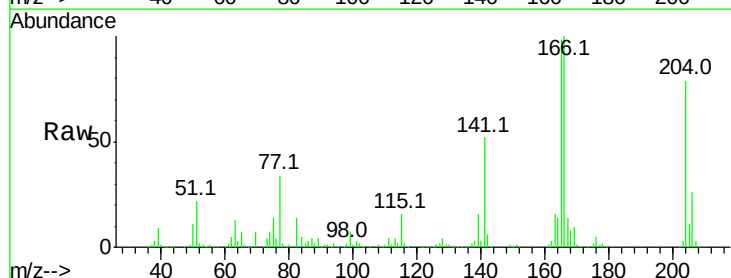
RT: 10.44 min Scan# 775

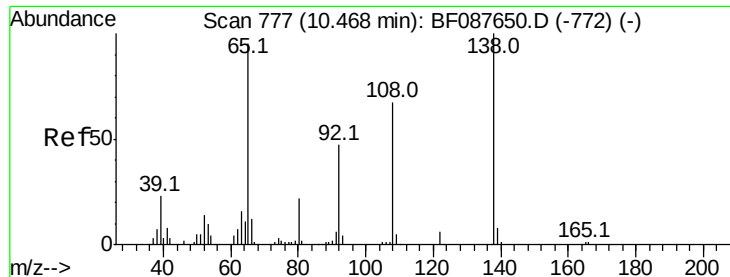
Delta R.T. 0.00 min

Lab File: BF087670.D

Acq: 4 Jun 2016 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
204	100			
206	32.3	26.3	39.5	
141	66.2	55.0	82.6	





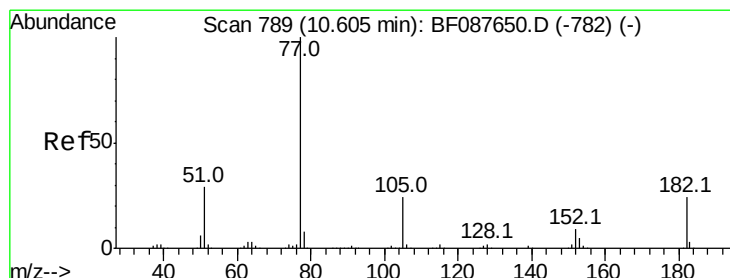
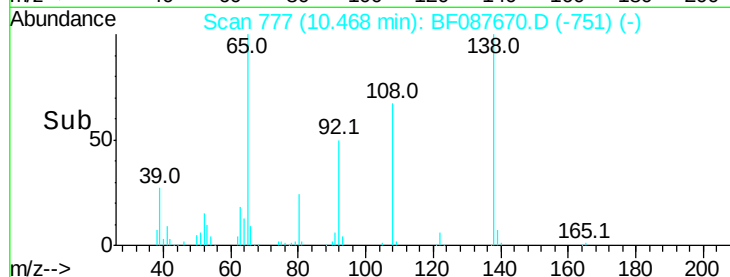
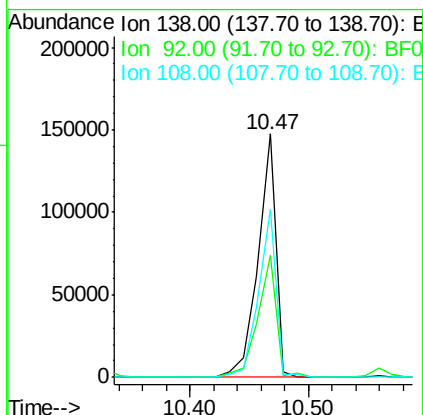
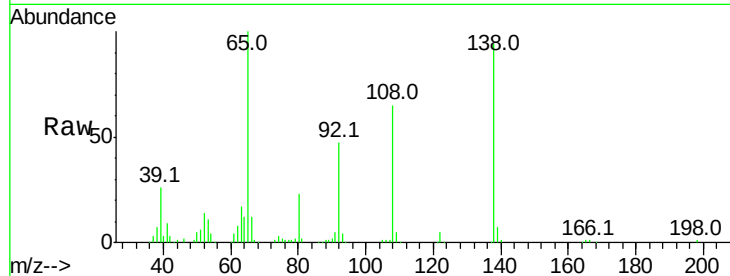
#61
4-Nitroaniline
Concen: 27.07 ng
RT: 10.47 min Scan# 777
Delta R.T. -0.00 min
Lab File: BF087670.D
Acq: 4 Jun 2016 17:15

Instrument :
BNA_F
ClientSampleId :
PB91075BSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100	156571		
92	49.9	27.3	67.3	
108	69.0	46.7	86.7	

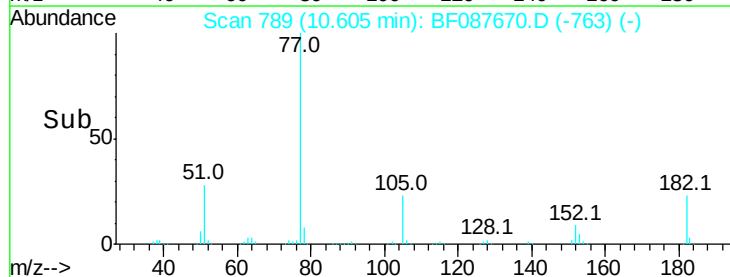
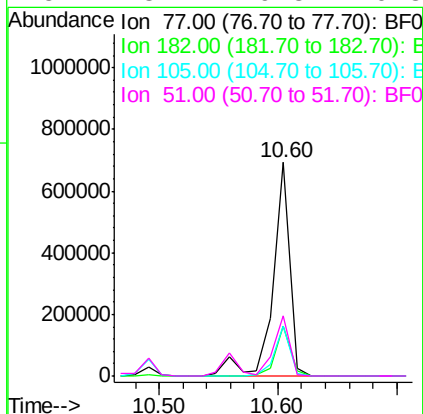
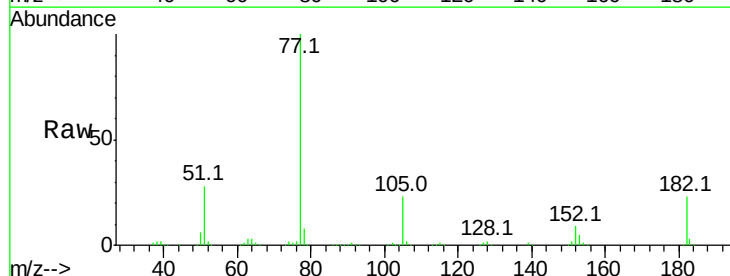
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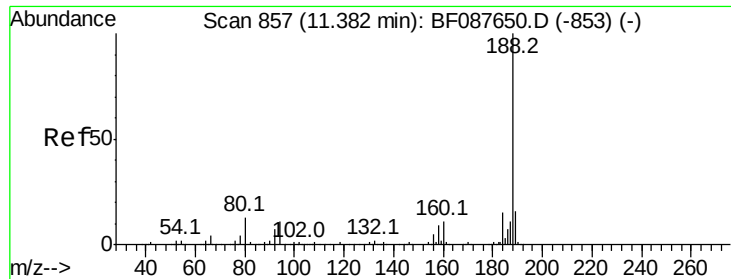
SOHIL
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#62
Azobenzene
Concen: 29.53 ng
RT: 10.60 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF087670.D
Acq: 4 Jun 2016 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	690072		
182	23.4	4.4	44.4	
105	23.4	3.8	43.8	
51	28.4	9.3	49.3	





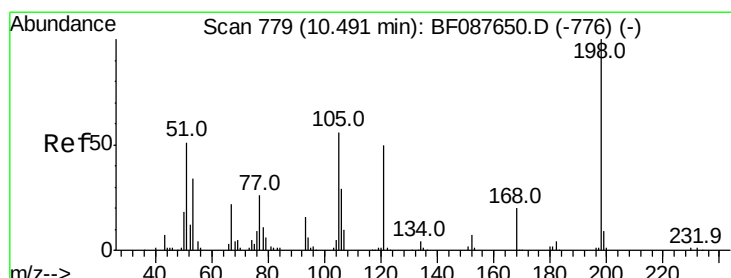
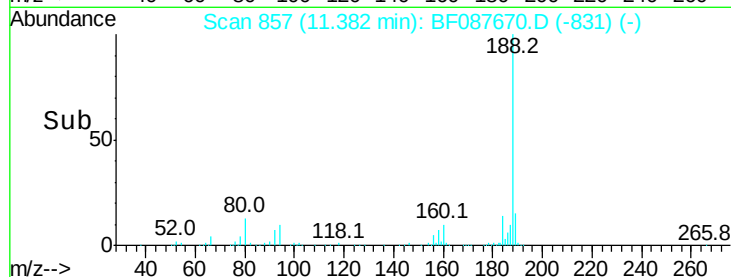
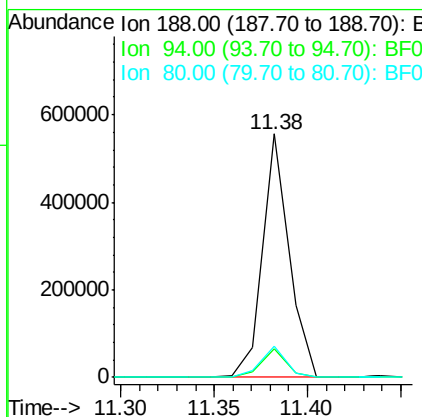
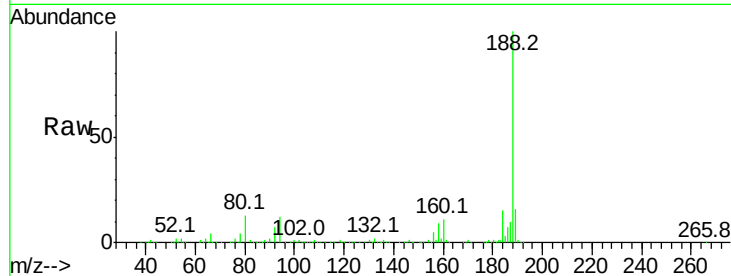
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF087670.D
Acq: 4 Jun 2016 17:15

Instrument :
BNA_F
ClientSampleId :
PB91075BSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	544473		
94	11.9		9.0	13.6
80	12.9		10.0	15.0

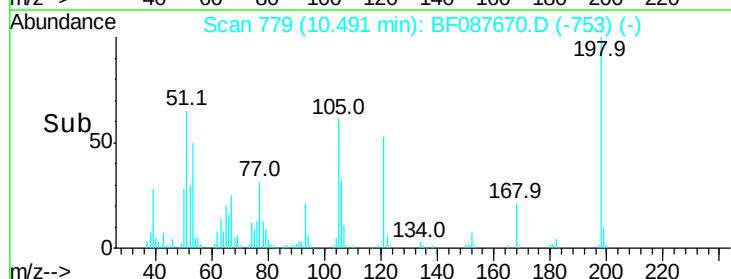
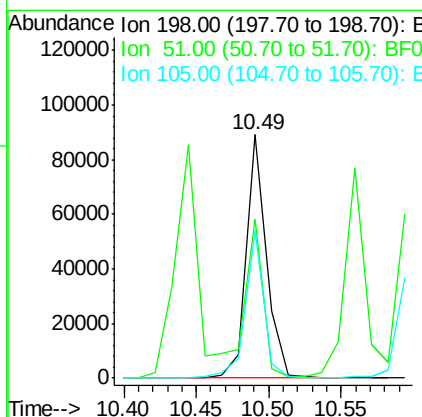
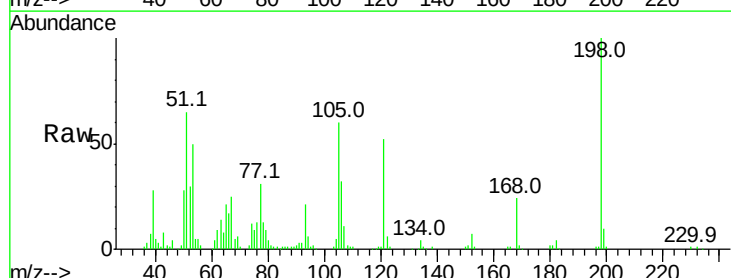
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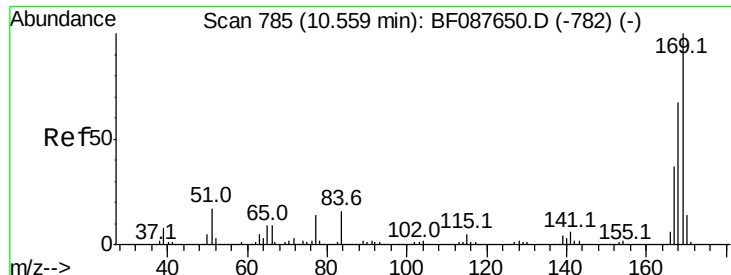
SOHIL
6/6/2016 7:18:23 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 29.23 ng
RT: 10.49 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF087670.D
Acq: 4 Jun 2016 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	85963		
51	65.2		39.6	79.6
105	60.5		36.6	76.6





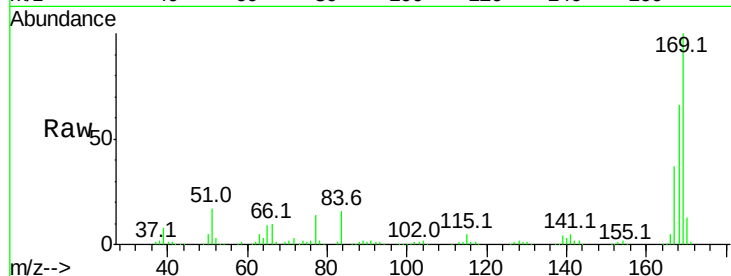
#65
 n-Nitrosodiphenylamine
 Concen: 28.91 ng
 RT: 10.56 min Scan# 785
 Delta R.T. -0.00 min
 Lab File: BF087670.D
 Acq: 4 Jun 2016 17:15

Instrument :
 BNA_F
 ClientSampleId :
 PB91075BSD

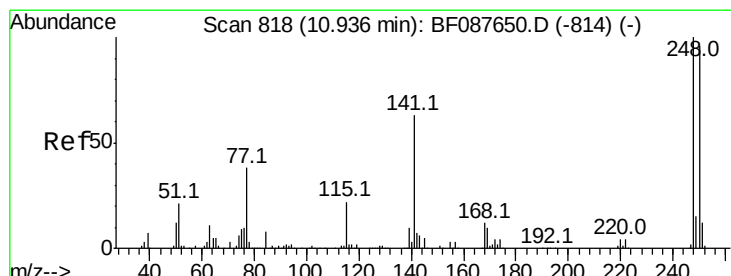
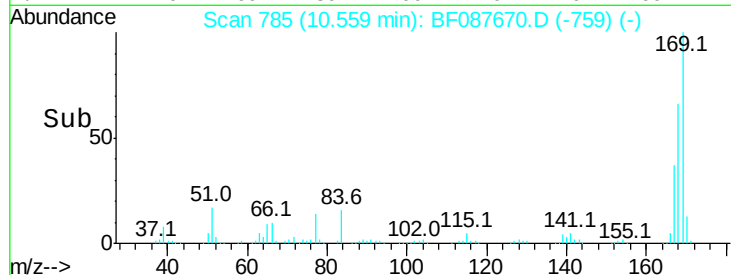
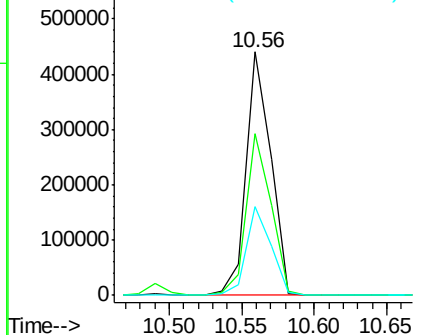
Tot Ion	Ratio	Resp	Lower	Upper
169	100	515481		
168	66.3		53.4	80.0
167	36.7		29.4	44.0

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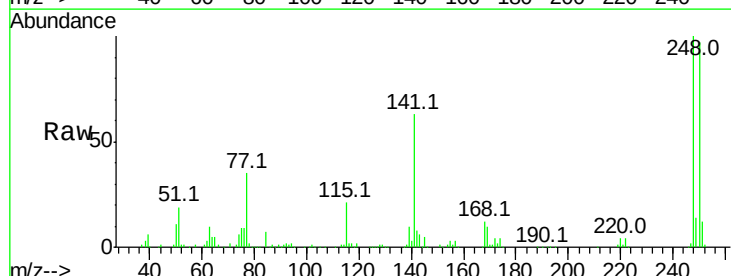


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

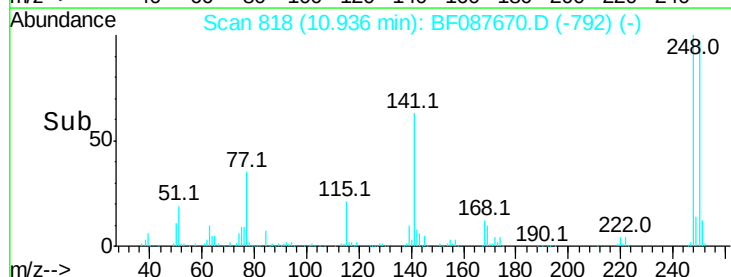
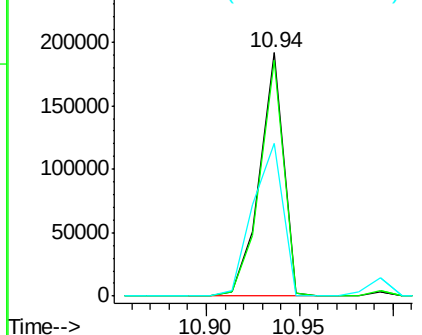


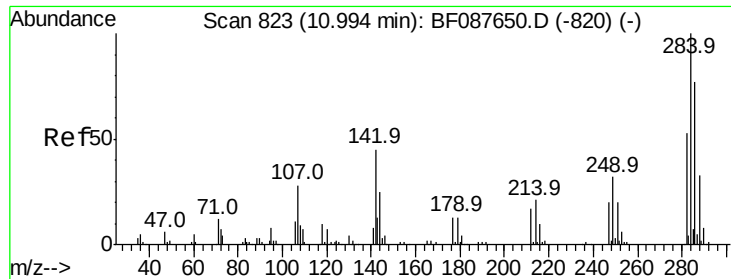
#66
 4-Bromophenyl-phenylether
 Concen: 31.51 ng
 RT: 10.94 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BF087670.D
 Acq: 4 Jun 2016 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	170125		
250	96.7		77.1	115.7
141	63.0		50.6	76.0



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 28.33 ng

RT: 10.99 min Scan# 823

Delta R.T. -0.00 min

Lab File: BF087670.D

Acq: 4 Jun 2016 17:15

Instrument :

BNA_F

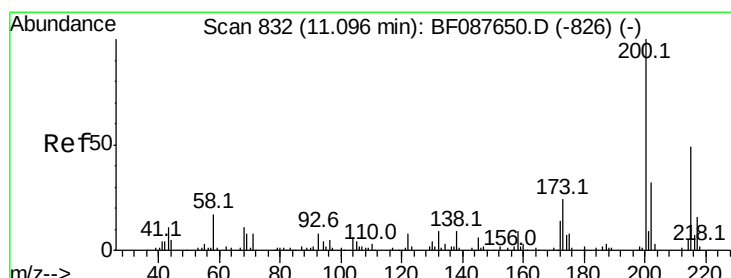
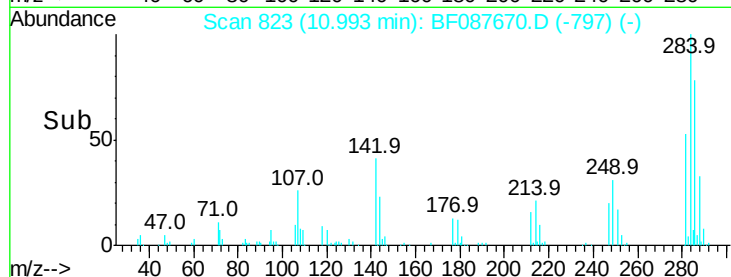
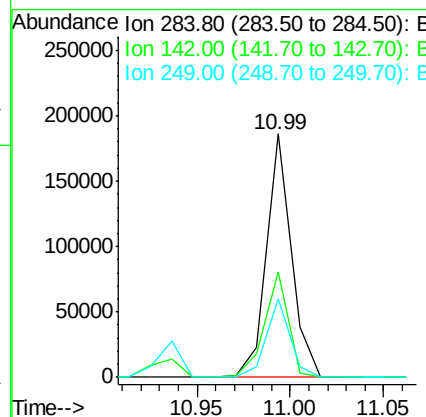
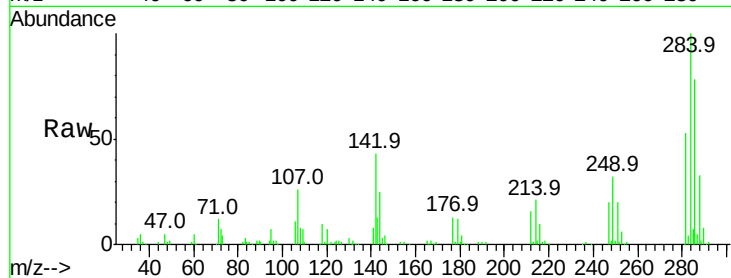
ClientSampleID :

PB91075BSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100	171051		
142	43.1	35.8	53.8	
249	32.3	25.8	38.6	

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#68

Atrazine

Concen: 31.48 ng

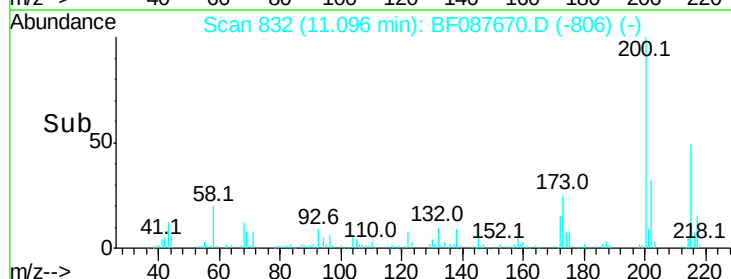
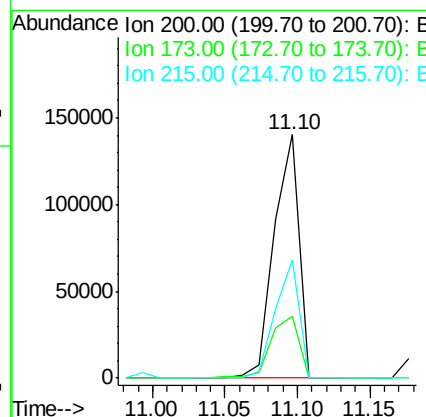
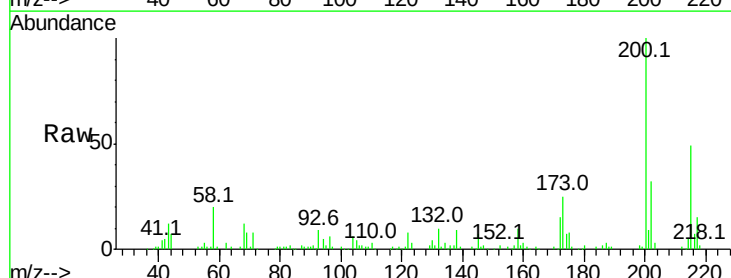
RT: 11.10 min Scan# 832

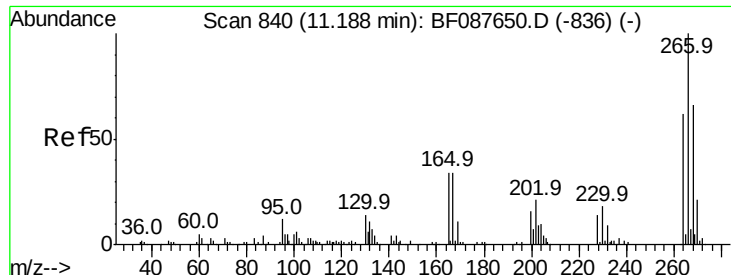
Delta R.T. -0.00 min

Lab File: BF087670.D

Acq: 4 Jun 2016 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	166318		
173	25.3	4.0	44.0	
215	48.8	29.3	69.3	





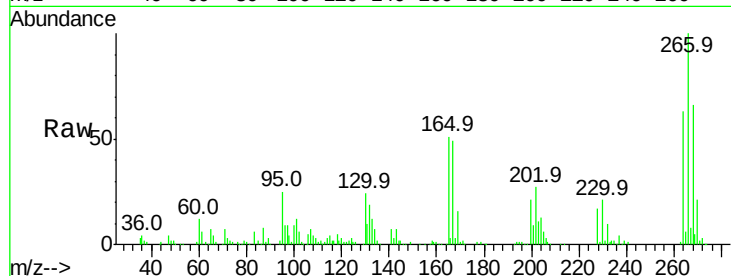
#69
 Pentachlorophenol
 Concen: 58.12 ng
 RT: 11.19 min Scan# 840
 Delta R.T. 0.00 min
 Lab File: BF087670.D
 Acq: 4 Jun 2016 17:15

Instrument :
 BNA_F
 ClientSampleId :
 PB91075BSD

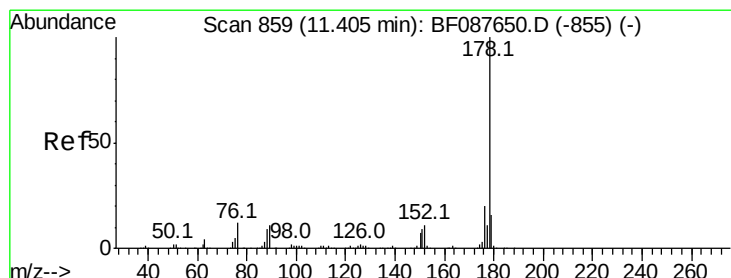
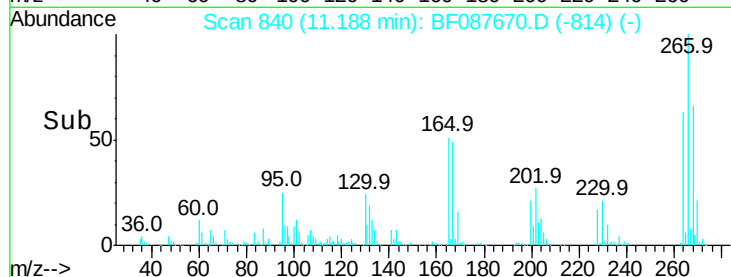
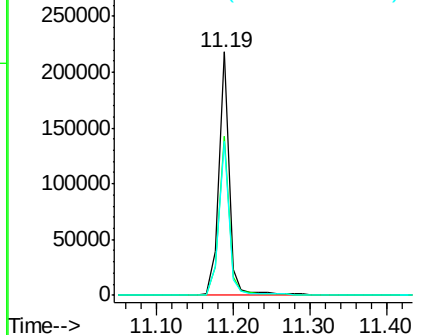
Tot Ion	Ratio	Resp	Lower	Upper
266	100	208481		
268	65.5	52.8	79.2	
264	63.4	49.6	74.4	

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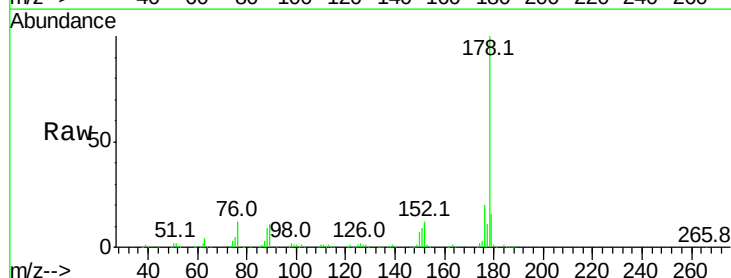


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

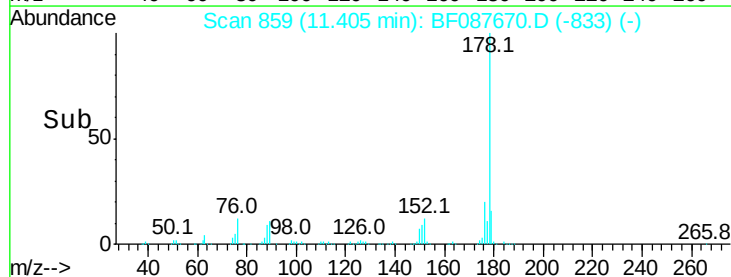
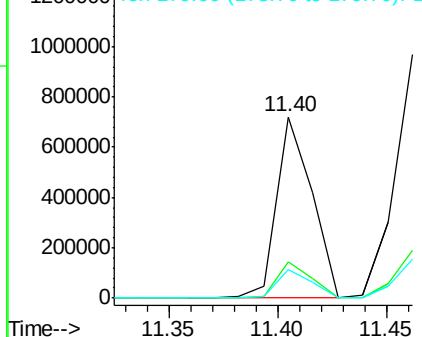


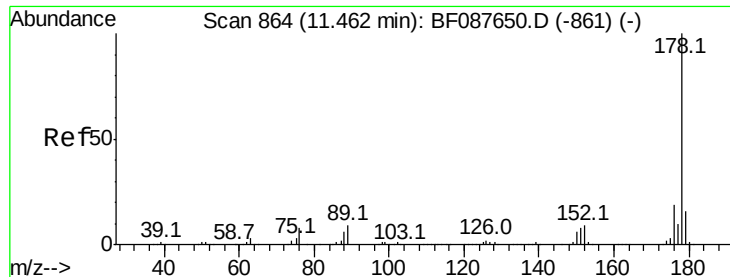
#70
 Phenanthrene
 Concen: 27.74 ng
 RT: 11.40 min Scan# 859
 Delta R.T. -0.00 min
 Lab File: BF087670.D
 Acq: 4 Jun 2016 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	818880		
176	19.8	15.8	23.6	
179	16.1	13.0	19.4	



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





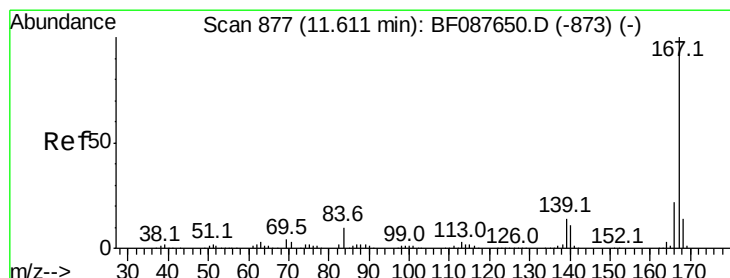
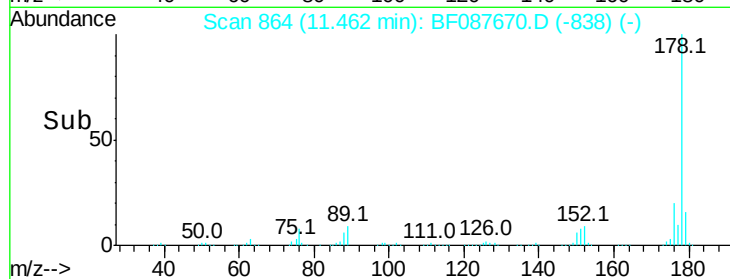
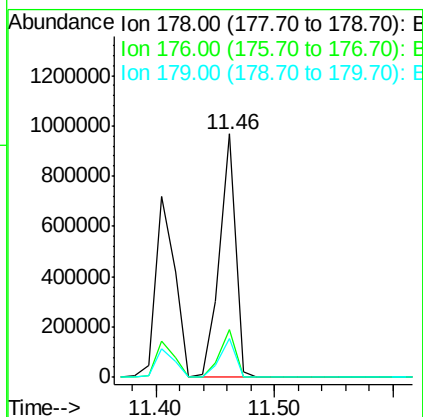
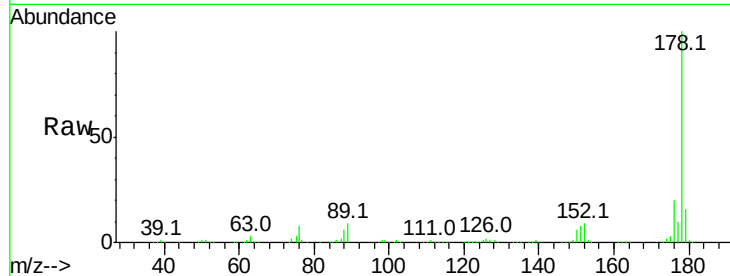
#71
 Anthracene
 Concen: 30.34 ng
 RT: 11.46 min Scan# 864
 Delta R.T. -0.00 min
 Lab File: BF087670.D
 Acq: 4 Jun 2016 17:15

Instrument :
 BNA_F
 ClientSampleId :
 PB91075BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.6	23.4
179	16.0	12.8	19.2

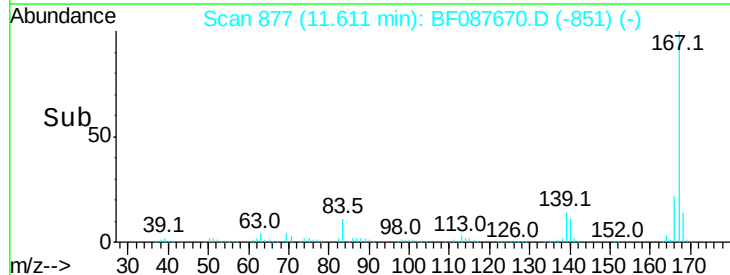
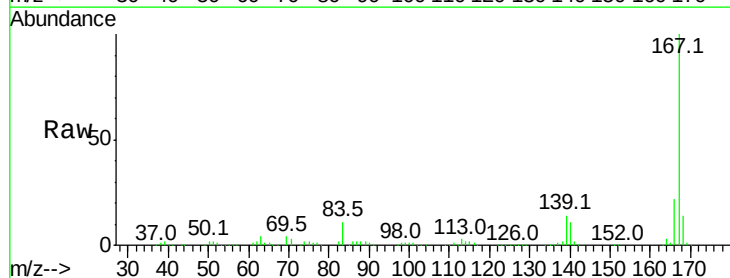
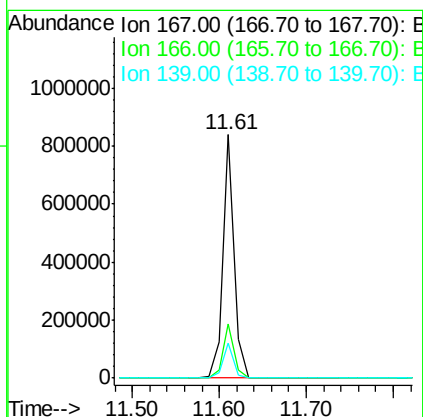
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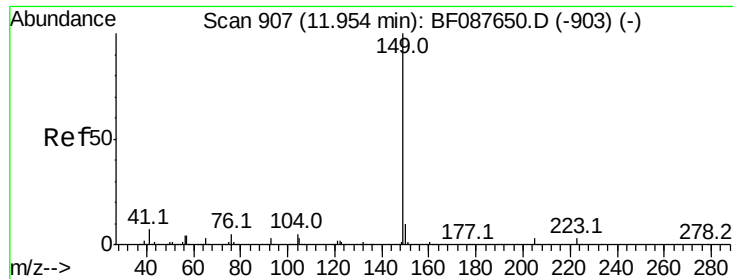
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#72
 Carbazole
 Concen: 27.25 ng
 RT: 11.61 min Scan# 877
 Delta R.T. -0.00 min
 Lab File: BF087670.D
 Acq: 4 Jun 2016 17:15

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.8	26.6
139	14.3	11.2	16.8





#73

Di-n-butylphthalate

Concen: 31.82 ng

RT: 11.95 min Scan# 907

Delta R.T. -0.00 min

Lab File: BF087670.D

Acq: 4 Jun 2016 17:15

Instrument :

BNA_F

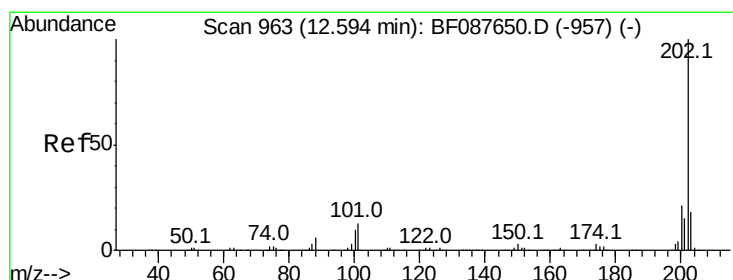
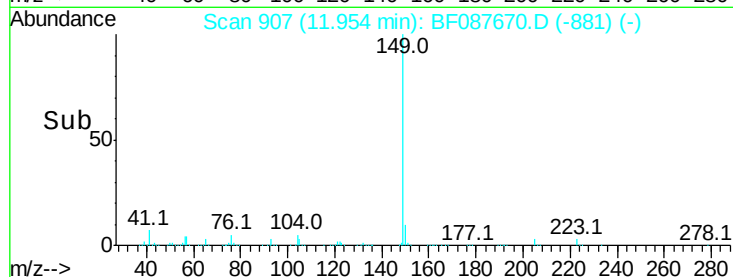
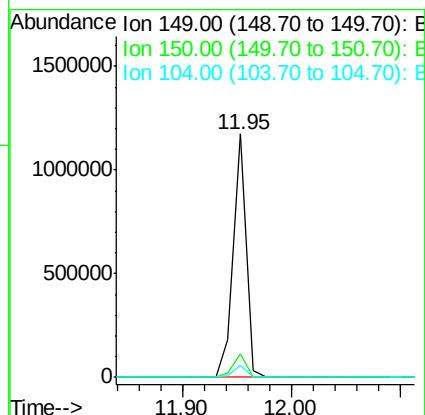
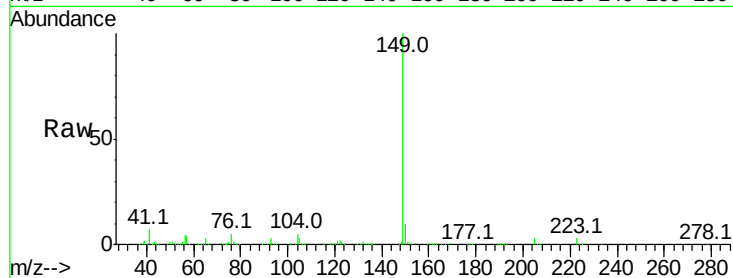
ClientSampleId :

PB91075BSD

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Tot Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.7	7.8	11.6	
104	5.0	4.0	6.0	



#74

Fluoranthene

Concen: 30.57 ng

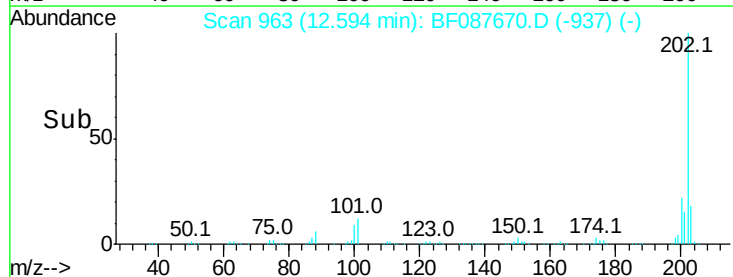
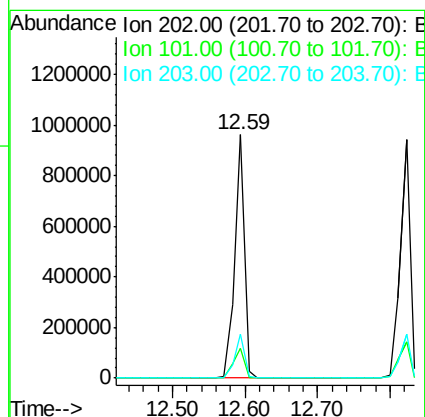
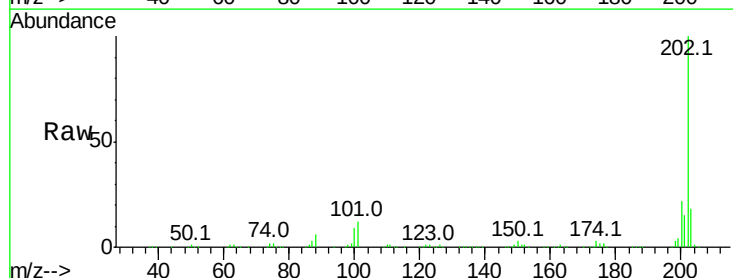
RT: 12.59 min Scan# 963

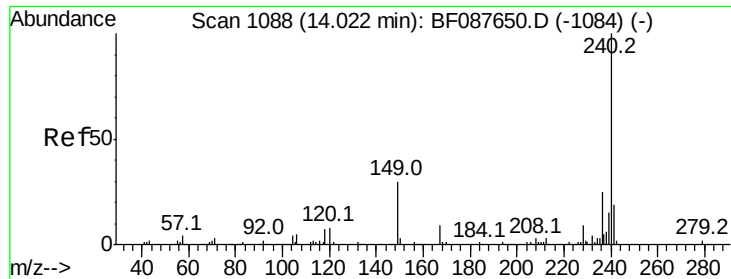
Delta R.T. -0.00 min

Lab File: BF087670.D

Acq: 4 Jun 2016 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	12.3	0.0	33.1	
203	18.1	0.0	38.1	





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 1088

Delta R.T. -0.00 min

Lab File: BF087670.D

Acq: 4 Jun 2016 17:15

Instrument :

BNA_F

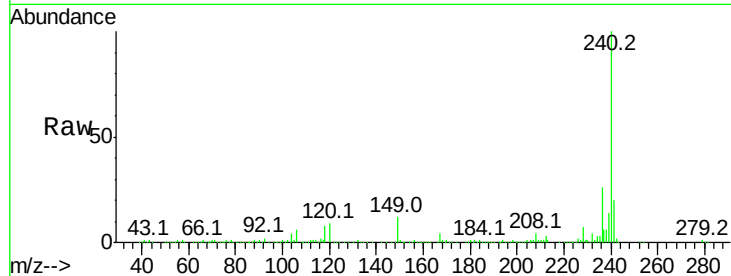
ClientSampleId :

PB91075BSD

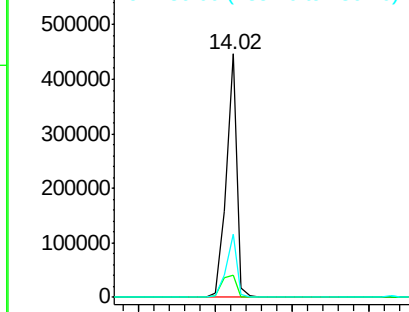
Tot Ion:	240	Resp:	438055
Ion Ratio	Lower	Upper	
240	100		
120	8.9	6.8	10.2
236	26.2	20.2	30.2

Manual Integrations
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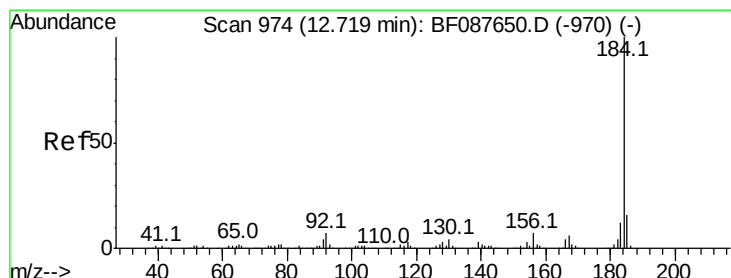
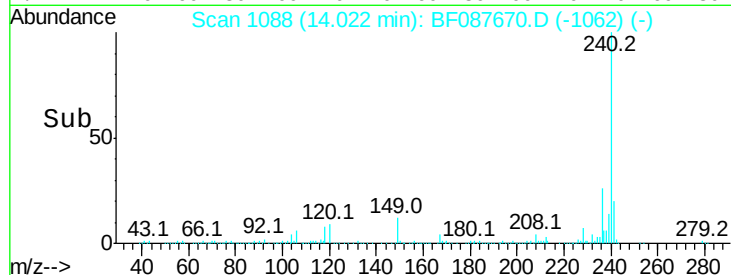
SOHIL
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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time-->



#76

Benzidine

Concen: 15.56 ng

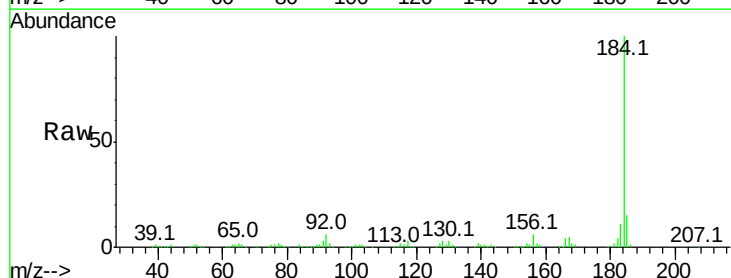
RT: 12.72 min Scan# 974

Delta R.T. 0.00 min

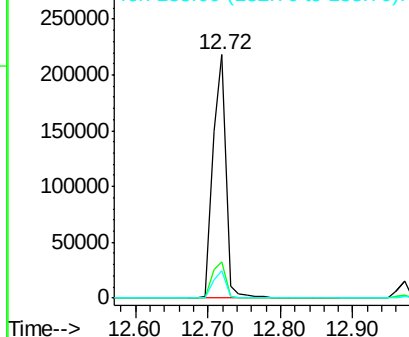
Lab File: BF087670.D

Acq: 4 Jun 2016 17:15

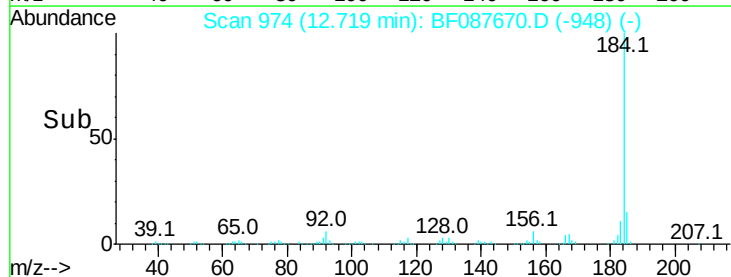
Tgt Ion:	184	Resp:	268728
Ion Ratio	Lower	Upper	
184	100		
185	14.8	12.5	18.7
183	11.2	9.3	13.9

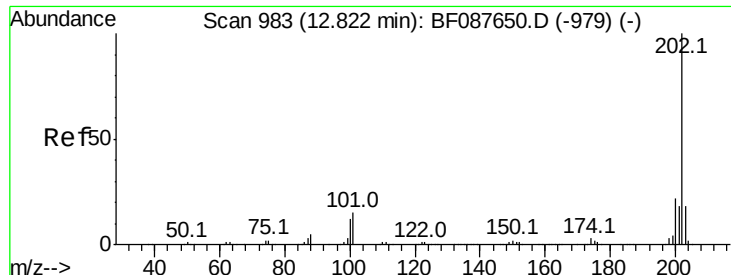


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



Time-->





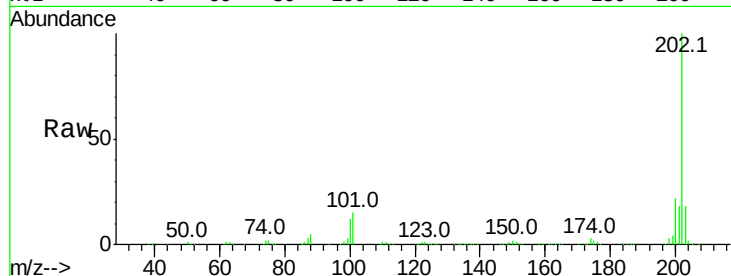
#77
Pvrene
Concen: 28.83 ng
RT: 12.82 min Scan# 983
Delta R.T. -0.00 min
Lab File: BF087670.D
Acq: 4 Jun 2016 17:15

Instrument :
BNA_F
ClientSampleId :
PB91075BSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	22.2	17.4	26.2
203	18.3	14.5	21.7

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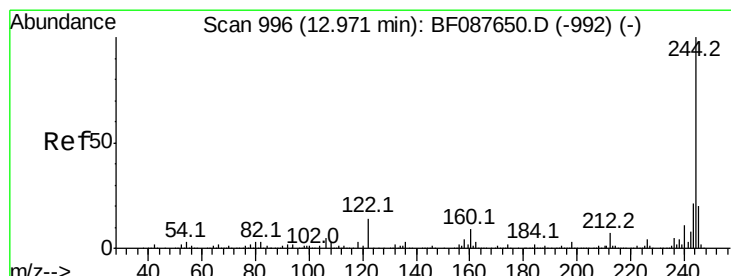
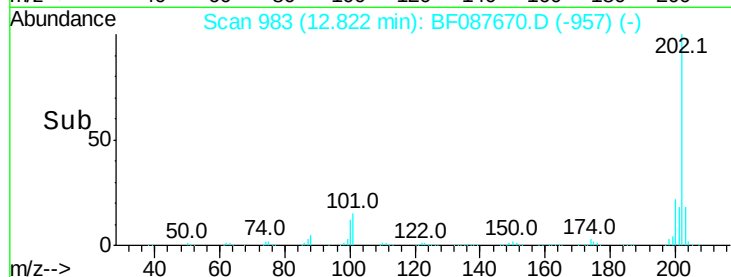
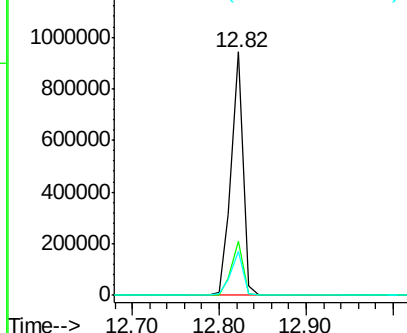


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78
Terphenyl-d14
Concen: 52.78 ng
RT: 12.97 min Scan# 996
Delta R.T. 0.00 min
Lab File: BF087670.D
Acq: 4 Jun 2016 17:15

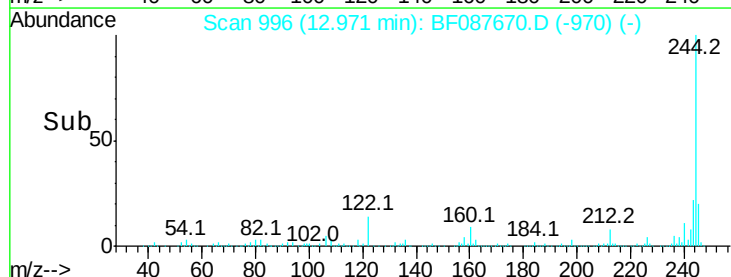
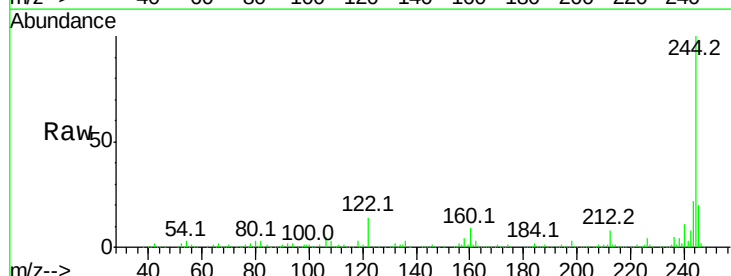
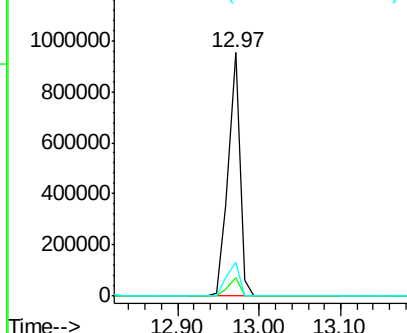
Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.7	6.0	9.0
122	13.9	11.2	16.8

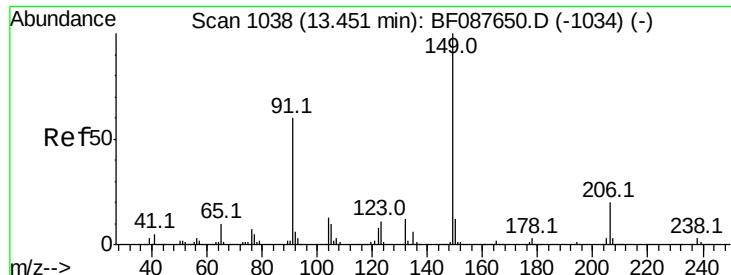
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





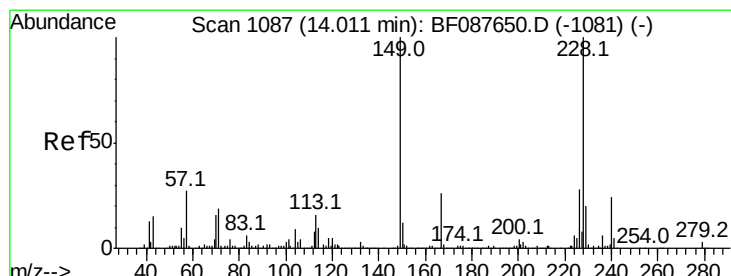
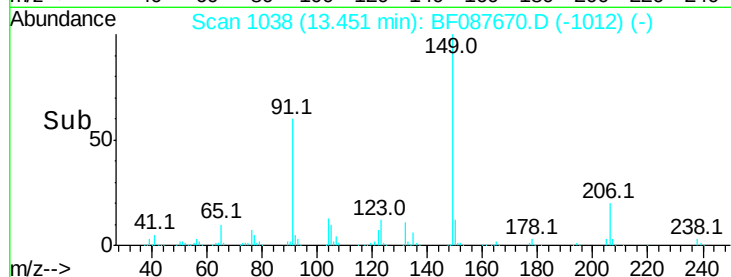
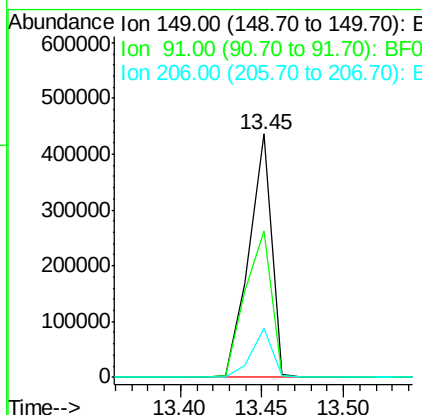
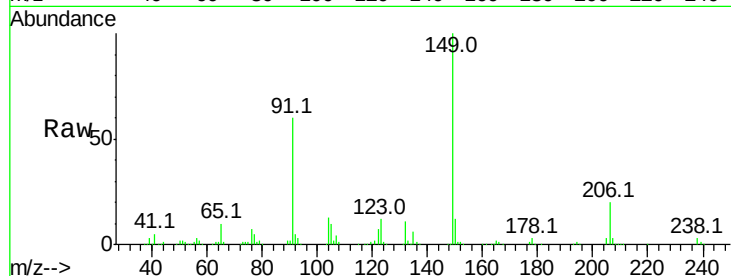
#79
Butylbenzylphthalate
Concen: 31.69 ng
RT: 13.45 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF087670.D
Acq: 4 Jun 2016 17:15

Instrument :
BNA_F
ClientSampleId :
PB91075BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	420683		
91	60.2	48.0	72.0	
206	20.3	16.0	24.0	

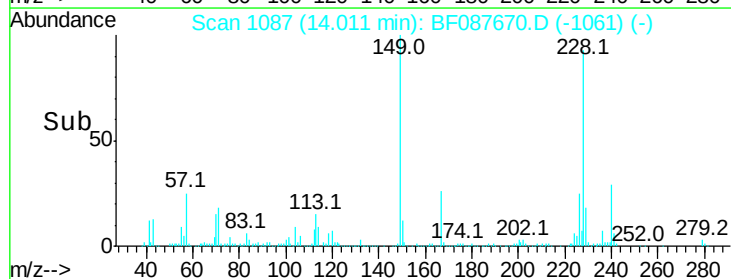
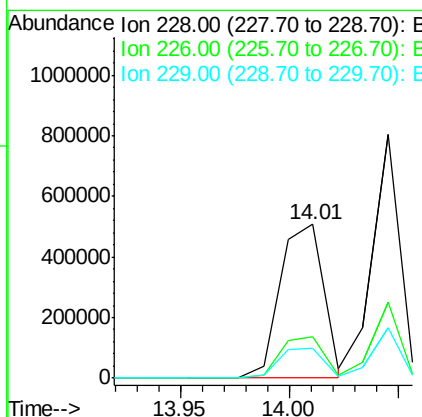
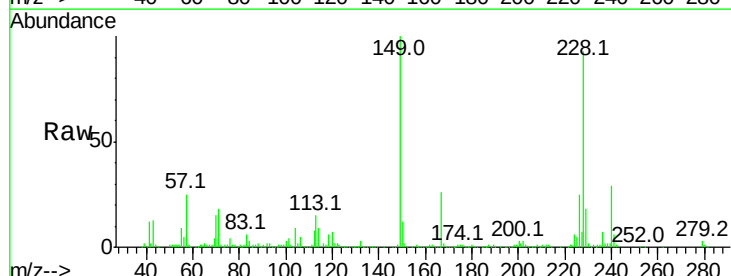
Manual Integrations
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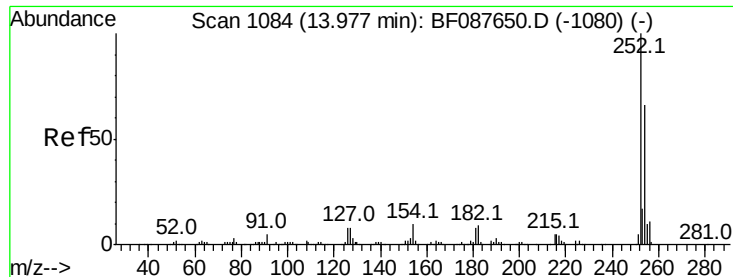
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#80
Benzo(a)anthracene
Concen: 28.12 ng
RT: 14.01 min Scan# 1087
Delta R.T. -0.00 min
Lab File: BF087670.D
Acq: 4 Jun 2016 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	710946		
226	27.2	22.3	33.5	
229	19.7	16.0	24.0	





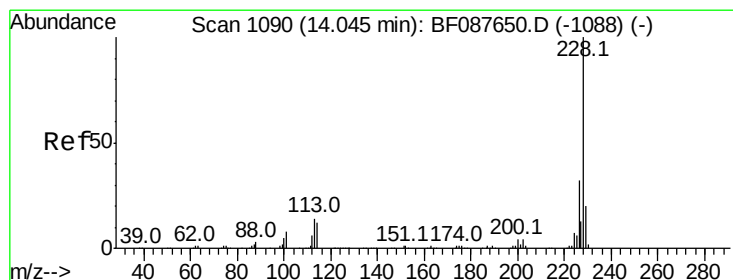
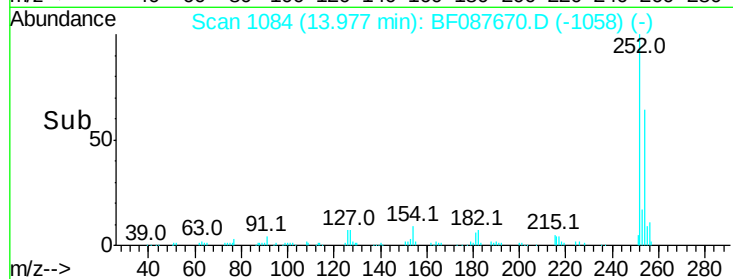
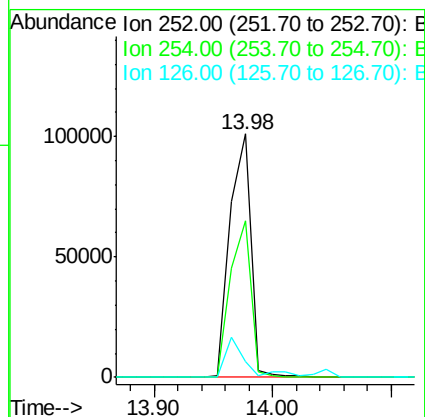
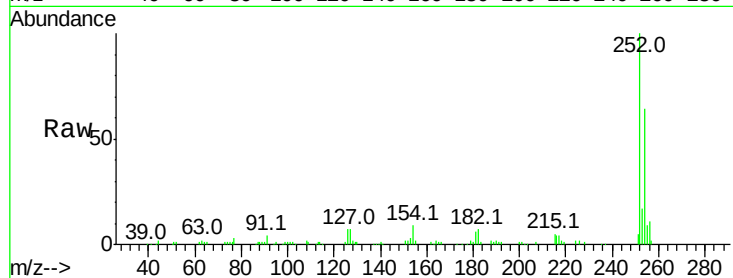
#81
 3,3'-Dichlorobenzidine
 Concen: 17.34 ng
 RT: 13.98 min Scan# 1084
 Delta R.T. -0.00 min
 Lab File: BF087670.D
 Acq: 4 Jun 2016 17:15

Instrument :
 BNA_F
 ClientSampled :
 PB91075BSD

Tot Ion:	252	Resp:	123663
Ion Ratio	Lower	Upper	
252	100		
254	64.3	52.6	78.8
126	6.6	6.2	9.2

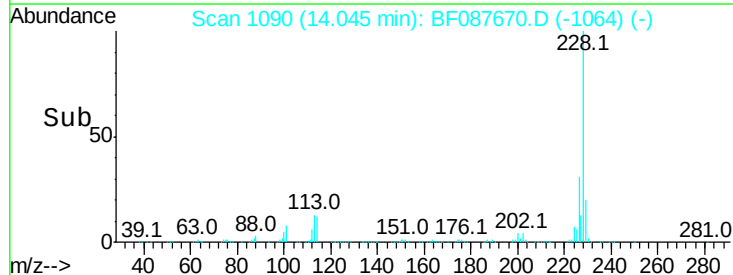
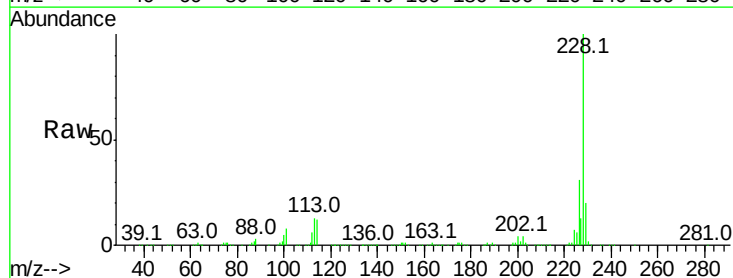
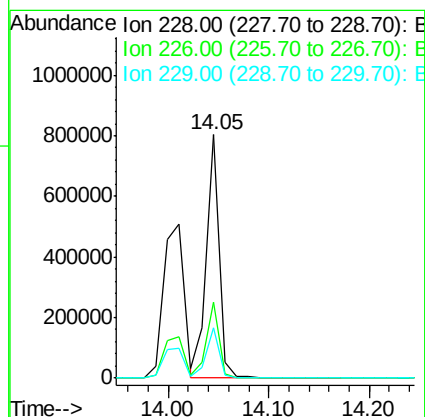
Manual Integrations
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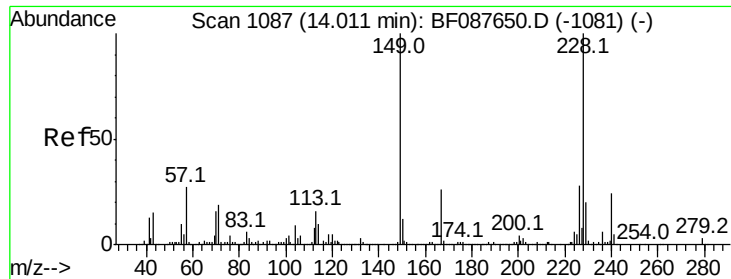
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#82
 Chrysene
 Concen: 28.34 ng
 RT: 14.05 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: BF087670.D
 Acq: 4 Jun 2016 17:15

Tgt Ion:	228	Resp:	713089
Ion Ratio	Lower	Upper	
228	100		
226	31.1	25.4	38.2
229	20.5	16.3	24.5





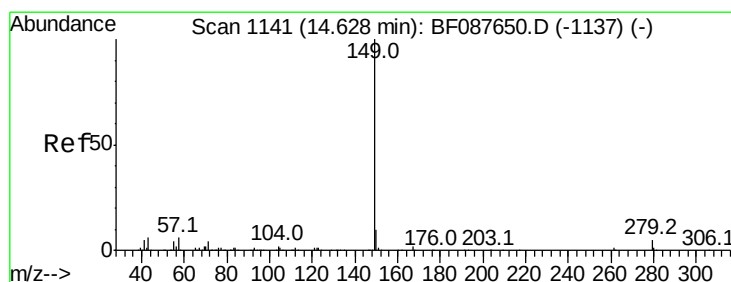
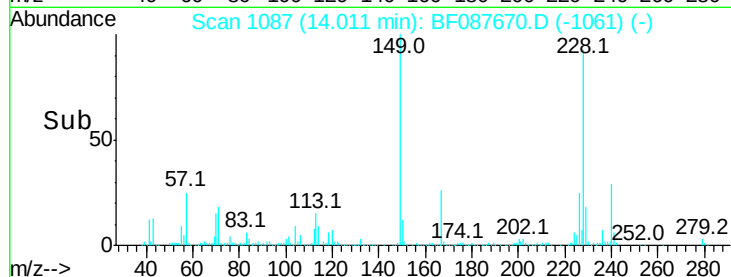
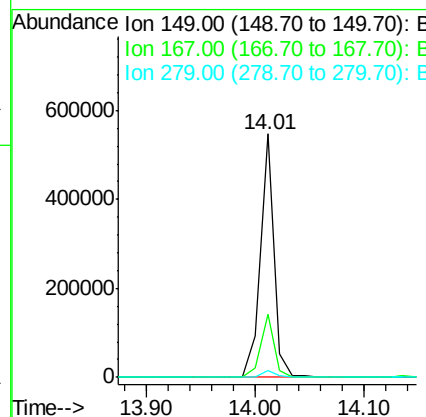
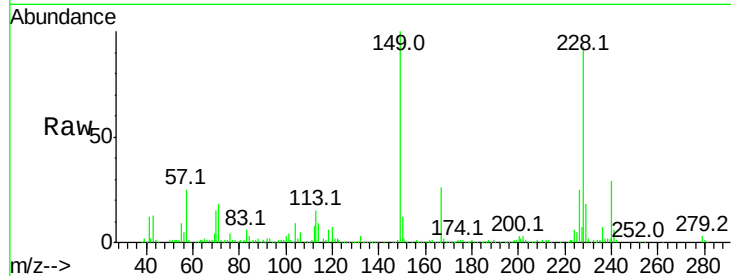
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 30.49 ng
 RT: 14.01 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: BF087670.D
 Acq: 4 Jun 2016 17:15

Instrument :
 BNA_F
 ClientSampleId :
 PB91075BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	481712		
167	26.0		20.5	30.7
279	2.9		2.0	3.0

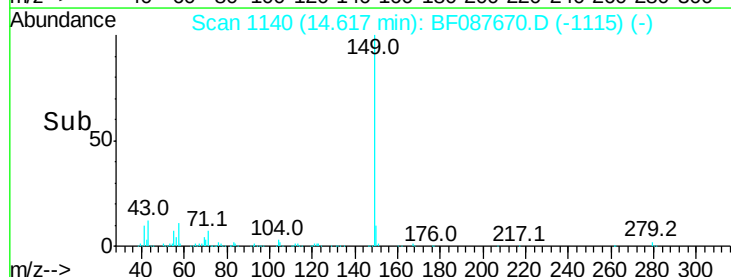
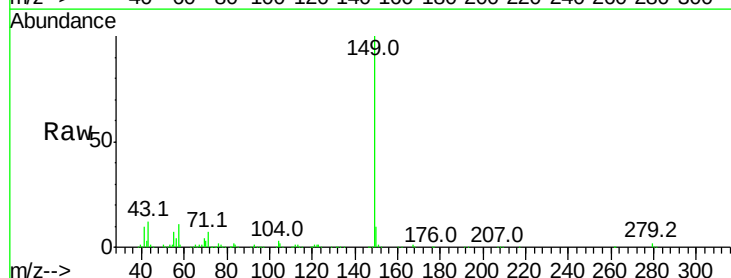
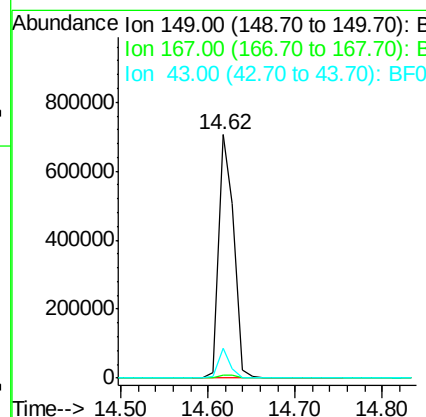
Manual Integrations
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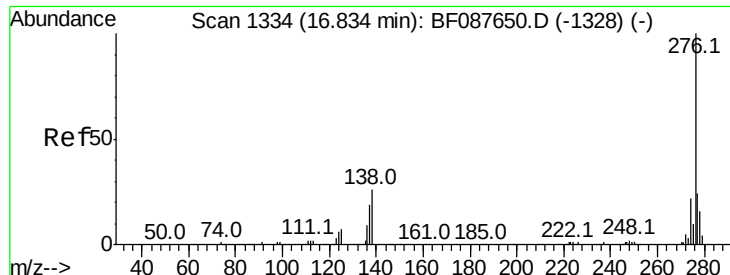
SOHIL
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#84
 Di-n-octyl phthalate
 Concen: 29.55 ng
 RT: 14.62 min Scan# 1140
 Delta R.T. -0.01 min
 Lab File: BF087670.D
 Acq: 4 Jun 2016 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	867793		
167	1.5		0.0	0.0#
43	9.9		0.0	0.0#





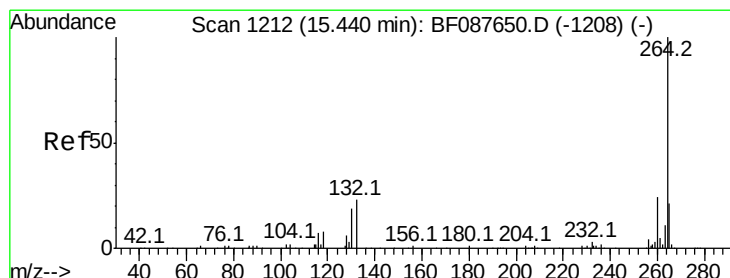
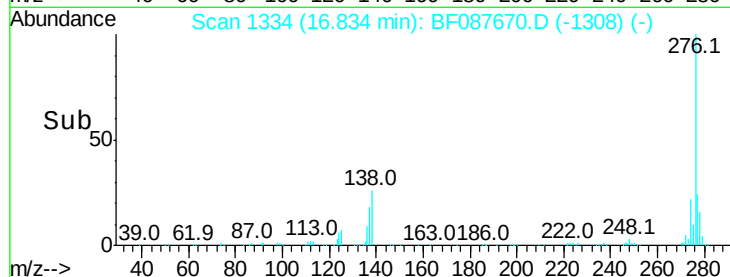
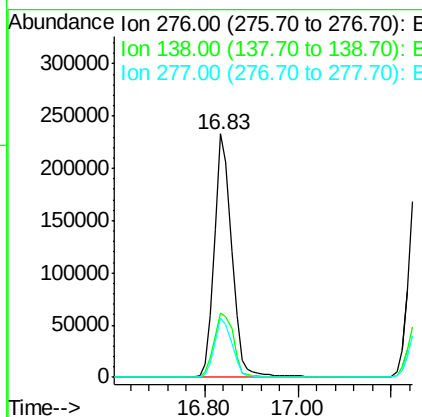
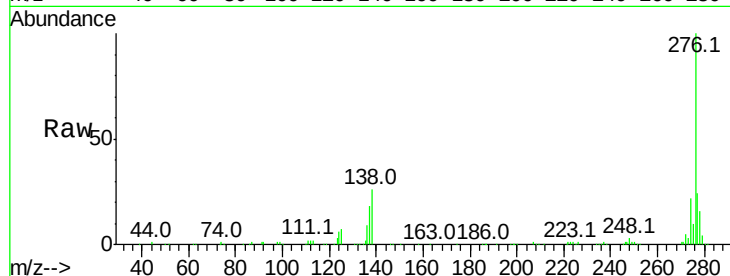
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 29.12 ng
 RT: 16.83 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: BF087670.D
 Acq: 4 Jun 2016 17:15

Instrument :
 BNA_F
 ClientSampleId :
 PB91075BSD

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	29.9	0.0	0.0#
277	25.0	0.0	0.0#

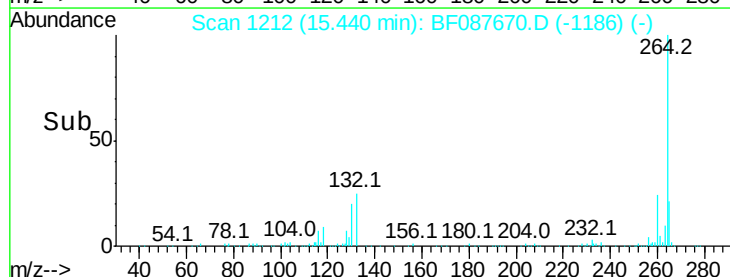
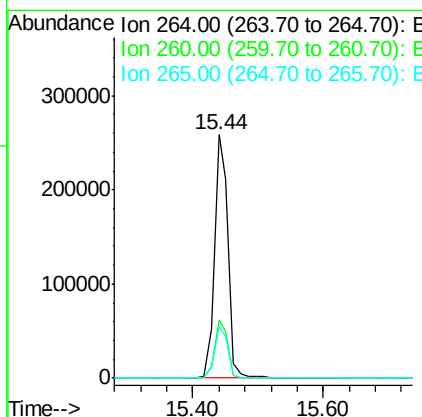
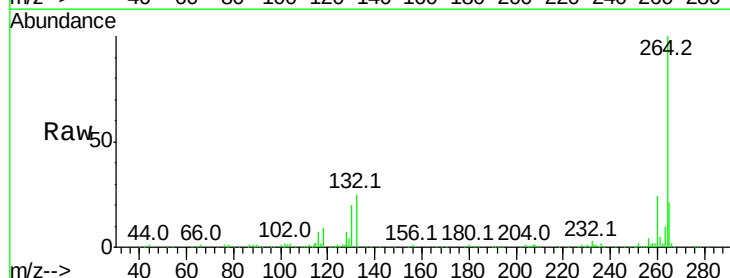
Manual Integrations
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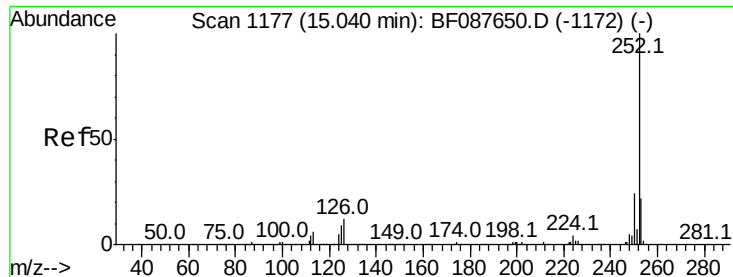
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF087670.D
 Acq: 4 Jun 2016 17:15

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.3	16.9	25.3





#87

Benzo(b)fluoranthene

Concen: 29.52 ng

RT: 15.04 min Scan# 1177

Delta R.T. -0.00 min

Lab File: BF087670.D

Acq: 4 Jun 2016 17:15

Instrument :

BNA_F

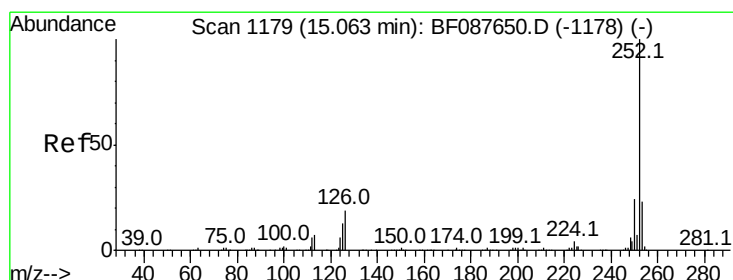
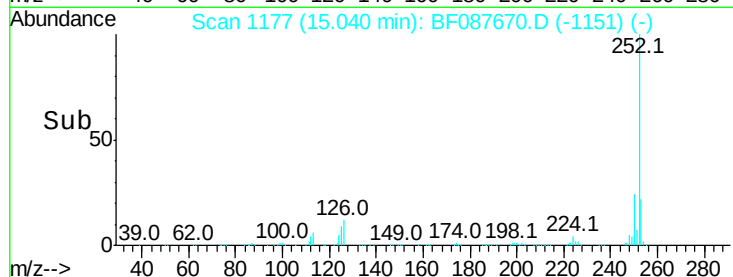
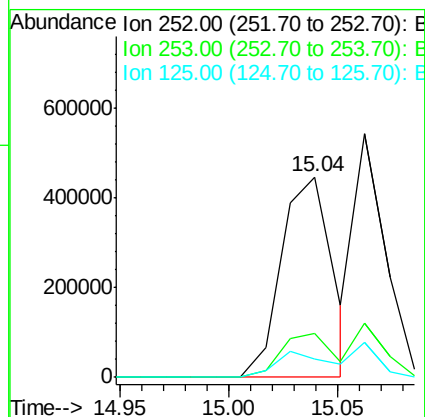
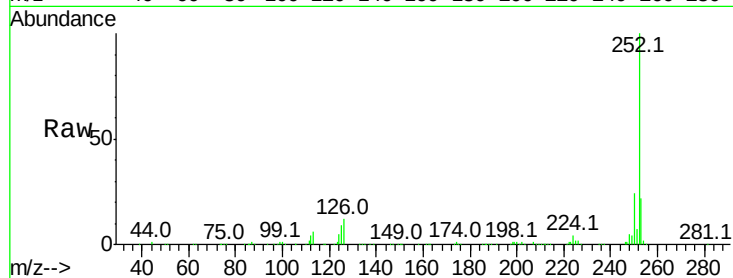
ClientSampleId :

PB91075BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.2
125	9.2	7.1	10.7

Manual Integrations
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6/6/2016 7:18:23 PM



#88

Benzo(k)fluoranthene

Concen: 26.98 ng m

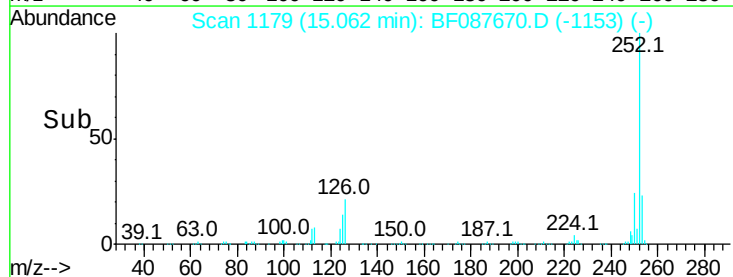
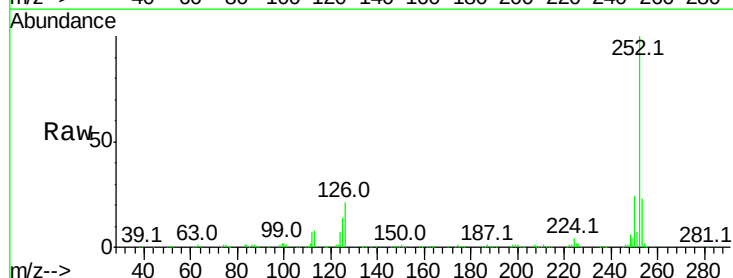
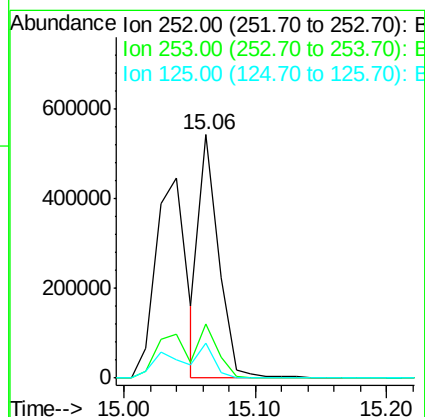
RT: 15.06 min Scan# 1179

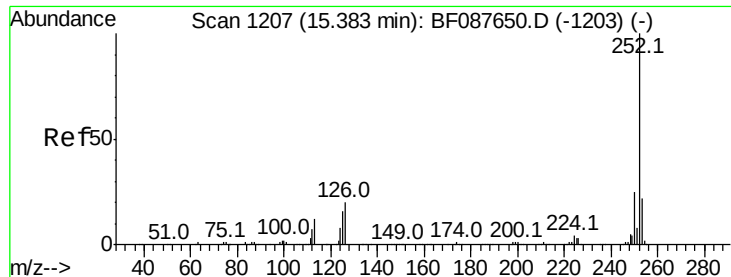
Delta R.T. 0.00 min

Lab File: BF087670.D

Acq: 4 Jun 2016 17:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	14.4	11.2	16.8





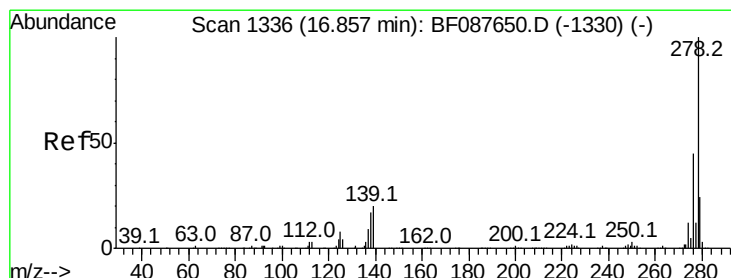
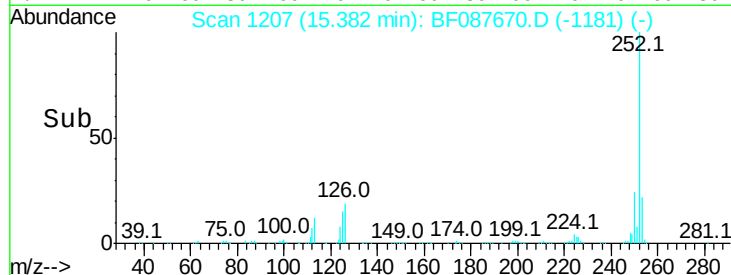
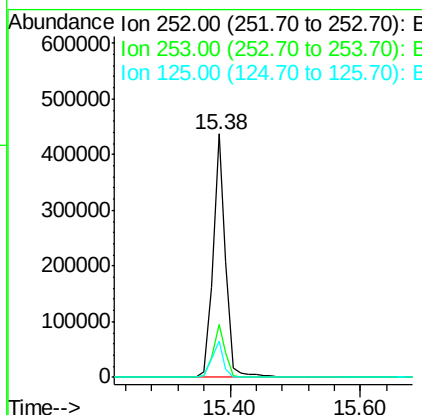
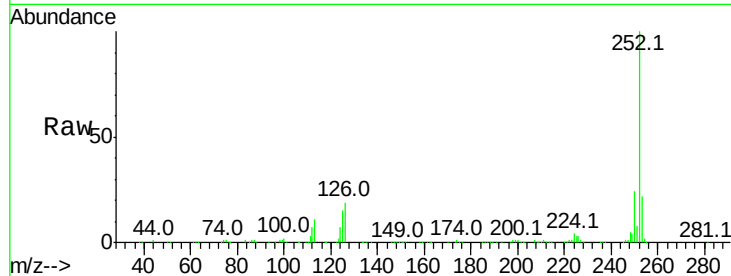
#89
Benzo(a)pyrene
Concen: 28.50 ng
RT: 15.38 min Scan# 1207
Delta R.T. -0.00 min
Lab File: BF087670.D
Acq: 4 Jun 2016 17:15

Instrument :
BNA_F
ClientSampleId :
PB91075BSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	590837		
253	22.0		17.9	26.9
125	15.0		12.5	18.7

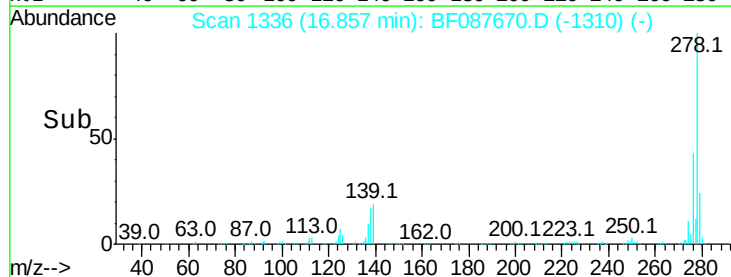
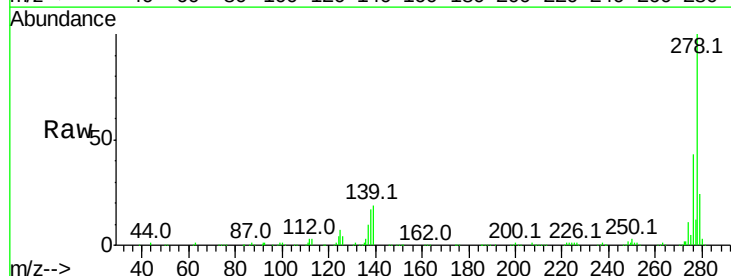
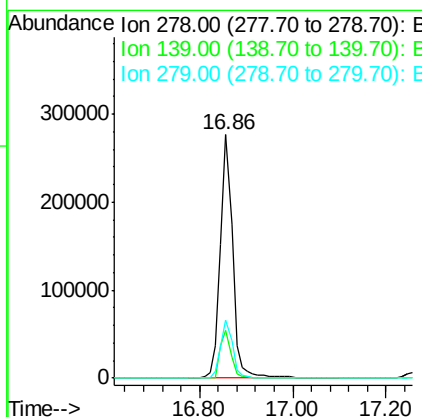
Manual Integrations
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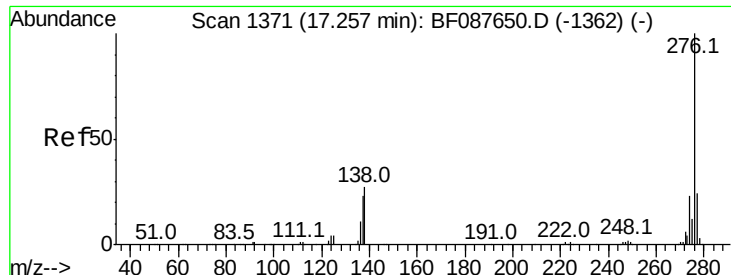
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#90
Dibenzo(a,h)anthracene
Concen: 28.51 ng
RT: 16.86 min Scan# 1336
Delta R.T. -0.00 min
Lab File: BF087670.D
Acq: 4 Jun 2016 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	502935		
139	19.4		15.7	23.5
279	23.7		19.4	29.2





#91
 Benzo(a,h,i)perylene
 Concen: 28.28 ng
 RT: 17.26 min Scan# 1371
 Delta R.T. -0.00 min
 Lab File: BF087670.D
 Acq: 4 Jun 2016 17:15

Instrument :
 BNA_F
 ClientSampleId :
 PB91075BSD

Tot Ion:	276	Resp:	503280
Ion Ratio	Lower	Upper	
276	100		
277	24.3	18.9	28.3
138	26.4	21.4	32.2

Manual Integrations
 APPROVED

SOHIL
 6/6/2016 7:18:23 PM

