

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080315\
 Data File : BF080829.D
 Acq On : 4 Aug 2015 7:41
 Operator : TP
 Sample : PB84659BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84659BS

Manual Integrations
 APPROVED

MMDadoda
 8/5/2015 2:29:12 PM

Quant Time: Aug 04 18:48:28 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 04 14:50:50 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	204405	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	809446	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	408950	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	702604	20.00	ng	0.00
75) Chrysene-d12	13.99	240	393740	20.00	ng	0.00
86) Perylene-d12	15.39	264	333177	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	1215453	98.72	ng	0.01
7) Phenol-d6	6.46	99	1832261	110.68	ng	0.00
23) Nitrobenzene-d5	7.40	82	1227643	74.48	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	408726	103.90	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	1854681	68.23	ng	0.00
78) Terphenyl-d14	12.93	244	1431481	72.80	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.59	88	182408	28.92	ng	96
3) Pyridine	3.29	79	513325	30.90	ng	98
4) n-Nitrosodimethylamine	3.24	42	321437	34.84	ng	100
6) Aniline	6.50	93	543396	22.96	ng	99
8) 2-Chlorophenol	6.62	128	524655	38.70	ng	97
9) Benzaldehyde	6.37	77	46560	2.97	ng	84
10) Phenol	6.49	94	628471	32.62	ng	97
11) bis(2-Chloroethyl)ether	6.58	93	559655	40.42	ng	98
12) 1,3-Dichlorobenzene	6.77	146	546132	35.85	ng	98
13) 1,4-Dichlorobenzene	6.85	146	580887	38.25	ng	98
14) 1,2-Dichlorobenzene	7.00	146	493117m	35.06	ng	
15) Benzyl Alcohol	6.98	79	420860	37.32	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1058892	38.68	ng	99
17) 2-Methylphenol	7.09	107	479423	40.07	ng	98
18) Hexachloroethane	7.34	117	205739	36.76	ng	94
19) n-Nitroso-di-n-propylamine	7.25	70	401698	37.56	ng	97
20) 3+4-Methylphenols	7.24	107	517593	37.23	ng	95
22) Acetophenone	7.24	105	719816	36.48	ng	# 80
24) Nitrobenzene	7.41	77	560663	33.48	ng	# 84
25) Isophorone	7.65	82	1102805	37.44	ng	94
26) 2-Nitrophenol	7.73	139	278319	38.87	ng	94
27) 2,4-Dimethylphenol	7.78	122	553973	40.62	ng	99
28) bis(2-Chloroethoxy)methane	7.87	93	670463	37.72	ng	100
29) 2,4-Dichlorophenol	7.97	162	425266	37.15	ng	98
30) 1,2,4-Trichlorobenzene	8.05	180	452458	36.33	ng	98
31) Naphthalene	8.13	128	1450934	36.44	ng	99
32) Benzoic acid	7.89	122	319593	38.76	ng	97
33) 4-Chloroaniline	8.19	127	266192	15.87	ng	94
34) Hexachlorobutadiene	8.26	225	281901	36.88	ng	98
35) Caprolactam	8.56	113	136818m	43.01	ng	
36) 4-Chloro-3-methylphenol	8.67	107	491116	39.96	ng	99
37) 2-Methylnaphthalene	8.83	142	980674	39.29	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	425332	32.65	ng	98
40) Hexachlorocyclopentadiene	8.99	237	565025	71.35	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	306875	33.27	ng	99
43) 2,4,5-Trichlorophenol	9.15	196	332046	36.70	ng	# 91
45) 1,1'-Biphenyl	9.30	154	1153494	37.27	ng	100
46) 2-Chloronaphthalene	9.32	162	920409	35.93	ng	99
47) 2-Nitroaniline	9.41	65	381981	40.30	ng	98
48) Acenaphthylene	9.73	152	1444231	36.01	ng	100
49) Dimethylphthalate	9.60	163	967157	35.47	ng	100
50) 2,6-Dinitrotoluene	9.65	165	209685	35.47	ng	93
51) Acenaphthene	9.90	154	997573	41.23	ng	98
52) 3-Nitroaniline	9.82	138	150102	21.68	ng	88
53) 2,4-Dinitrophenol	9.93	184	249791	77.57	ng	# 67
54) Dibenzofuran	10.08	168	1186924	37.20	ng	98
55) 4-Nitrophenol	9.98	139	346318	71.30	ng	96
56) 2,4-Dinitrotoluene	10.05	165	290495	39.02	ng	90
57) Fluorene	10.42	166	945735	38.16	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.19	232	249950	38.57	ng	98
59) Diethylphthalate	10.30	149	1024315	39.10	ng	94
60) 4-Chlorophenyl-phenylether	10.41	204	406874	33.21	ng	100
61) 4-Nitroaniline	10.44	138	225761	35.88	ng	81
62) Azobenzene	10.57	77	1140225	37.60	ng	99
64) 4,6-Dinitro-2-methylphenol	10.46	198	180653	39.62	ng	77
65) n-Nitrosodiphenylamine	10.53	169	904515	36.92	ng	98
66) 4-Bromophenyl-phenylether	10.90	248	267176	34.67	ng	98
67) Hexachlorobenzene	10.97	284	330091	37.95	ng	98
68) Atrazine	11.06	200	239878	42.71	ng	97
69) Pentachlorophenol	11.16	266	374934	80.14	ng	97
70) Phenanthrene	11.38	178	1369570	37.46	ng	100
71) Anthracene	11.42	178	1189092	32.79	ng	99
72) Carbazole	11.58	167	1157318	37.31	ng	99
73) Di-n-butylphthalate	11.92	149	1373411	36.57	ng	100
74) Fluoranthene	12.56	202	1179210	33.97	ng	99
76) Benzidine	12.68	184	329800	28.40	ng	98
77) Pyrene	12.79	202	1237355	42.35	ng	99
79) Butylbenzylphthalate	13.41	149	530465	46.25	ng	96
80) Benzo(a)anthracene	13.97	228	858130	38.46	ng	99
81) 3,3'-Dichlorobenzidine	13.94	252	215520	27.14	ng	98
82) Chrysene	14.01	228	879168	40.29	ng	100
83) Bis(2-ethylhexyl)phthalate	13.97	149	632346	44.69	ng	99
84) Di-n-octyl phthalate	14.58	149	926511	41.41	ng	99
85) Indeno(1,2,3-cd)pyrene	16.76	276	876572	43.93	ng	99
87) Benzo(b)fluoranthene	14.99	252	734601m	37.64	ng	
88) Benzo(k)fluoranthene	15.01	252	640077m	37.57	ng	
89) Benzo(a)pyrene	15.33	252	663763	39.85	ng	98
90) Dibenzo(a,h)anthracene	16.79	278	732435	45.32	ng	99
91) Benzo(g,h,i)perylene	17.19	276	762348	45.13	ng	99

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

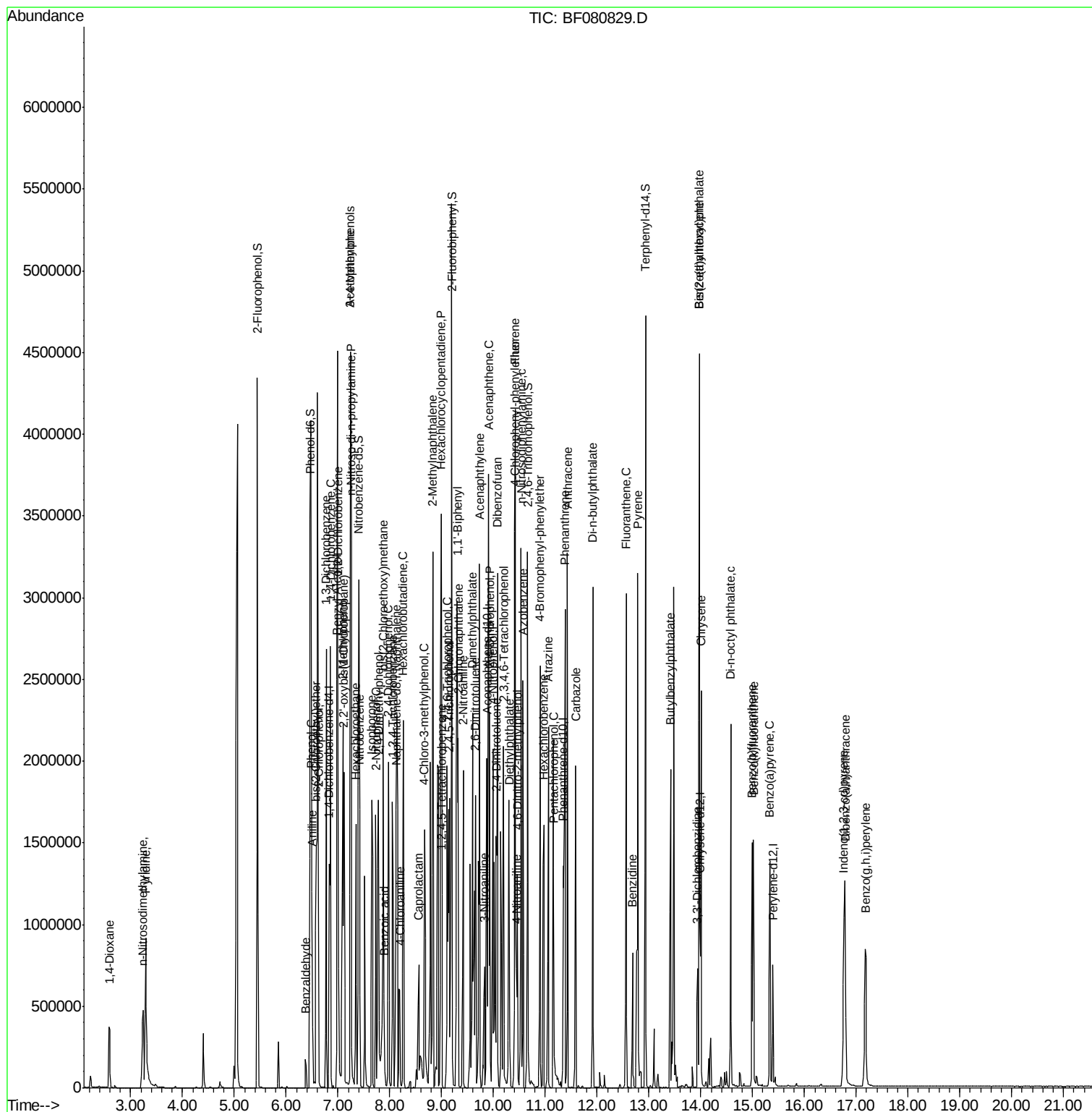
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ALS Vial  : 20 Sample Multiplier: 1
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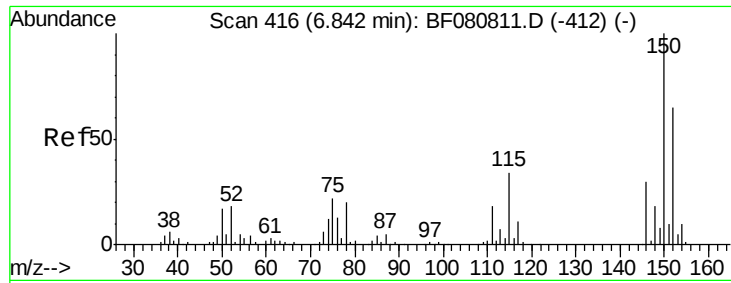
Instrument :
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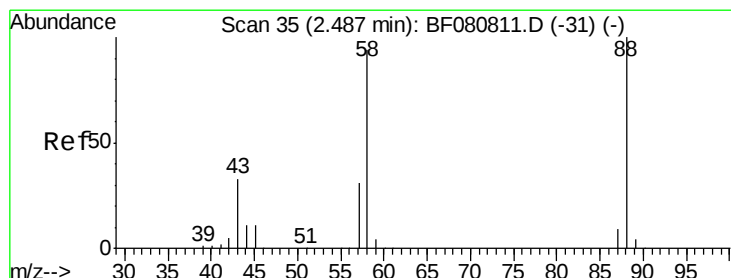
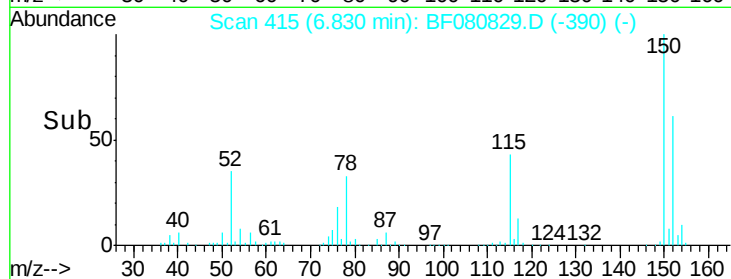
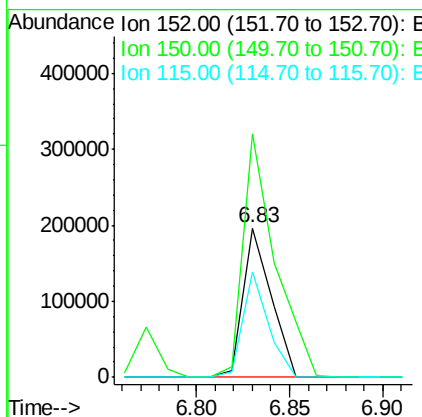
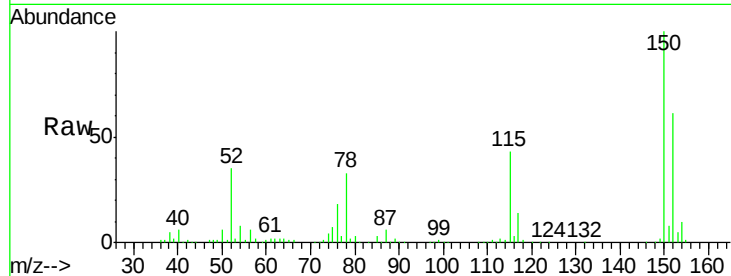
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.83 min Scan# 415
 Delta R.T. -0.01 min
 Lab File: BF080829.D
 Acq: 4 Aug 2015 7:41

Instrument :
 BNA_F
 ClientSampleId :
 PB84659BS

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	204405		
150	163.0	122.9	184.3	
115	70.4	42.0	63.0	

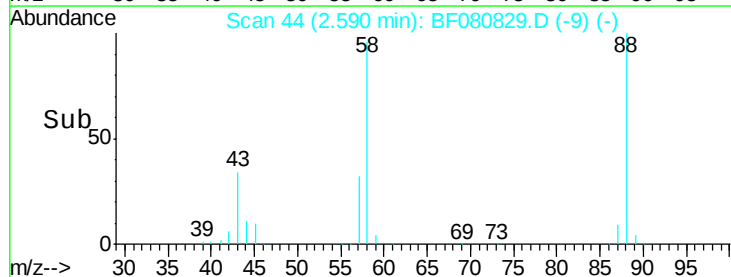
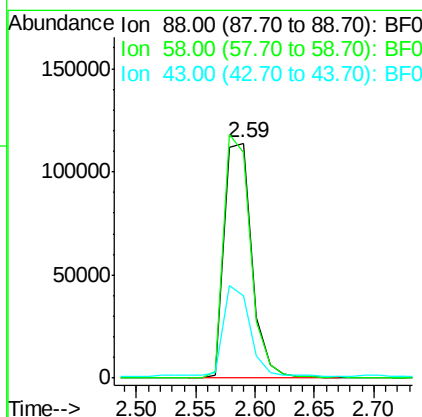
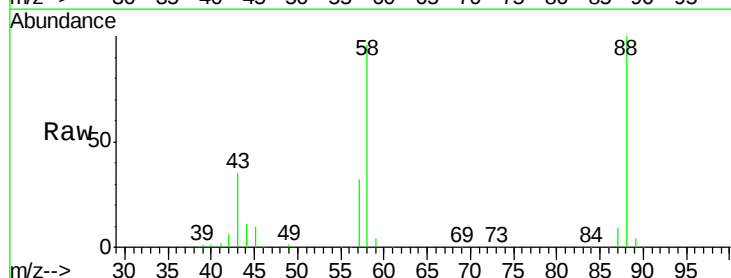
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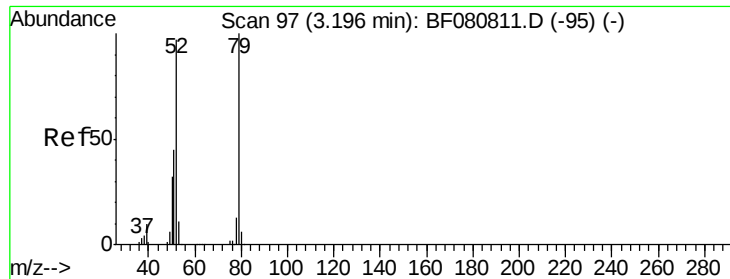
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#2
 1,4-Dioxane
 Concen: 28.92 ng
 RT: 2.59 min Scan# 44
 Delta R.T. 0.10 min
 Lab File: BF080829.D
 Acq: 4 Aug 2015 7:41

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	182408		
58	101.7	78.2	117.4	
43	37.7	27.6	41.4	





#3

Pyridine

Concen: 30.90 ng

RT: 3.29 min Scan# 105

Delta R.T. 0.09 min

Lab File: BF080829.D

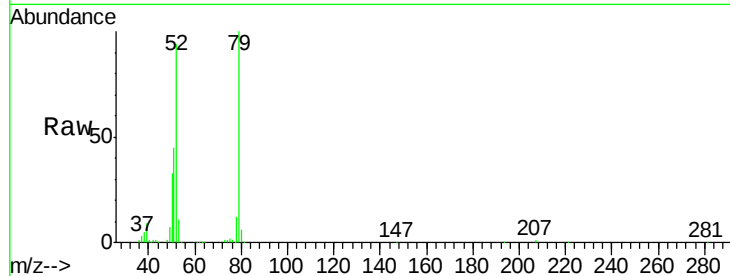
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Instrument :

BNA_F

ClientSampleId :

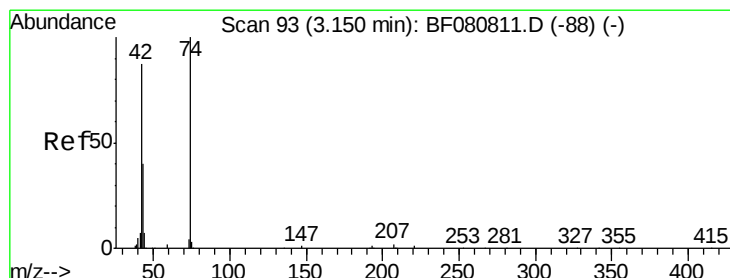
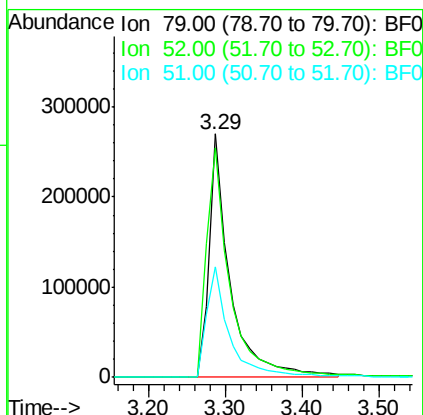
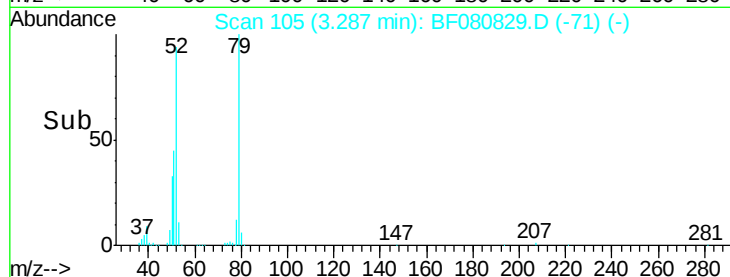
PB84659BS



Tgt Ion:	79	Resp:	513325
Ion Ratio	Lower	Upper	
79	100		
52	94.4	77.7	116.5
51	45.2	35.8	53.8

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#4

n-Nitrosodimethylamine

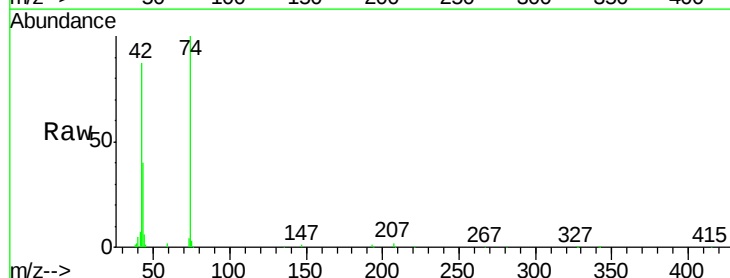
Concen: 34.84 ng

RT: 3.24 min Scan# 101

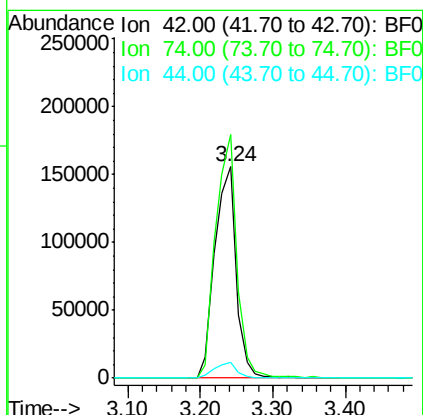
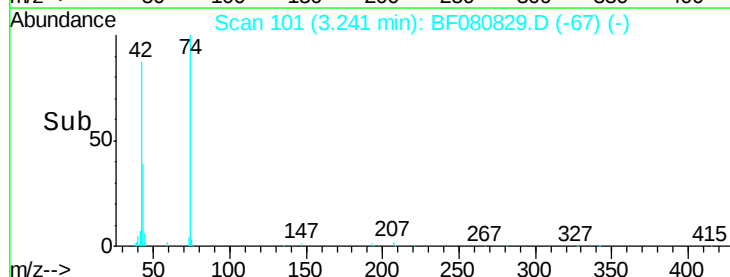
Delta R.T. 0.09 min

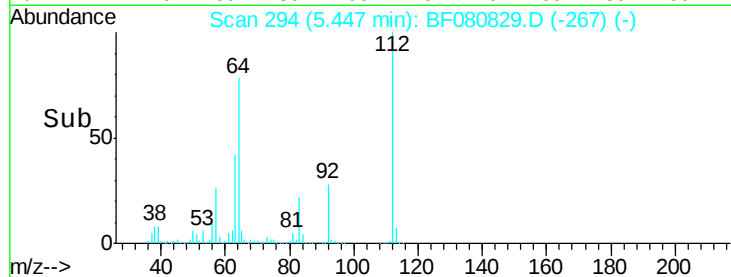
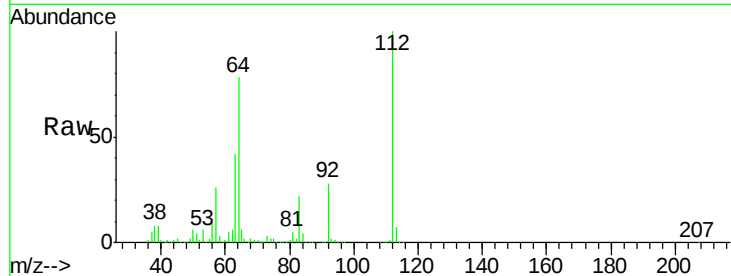
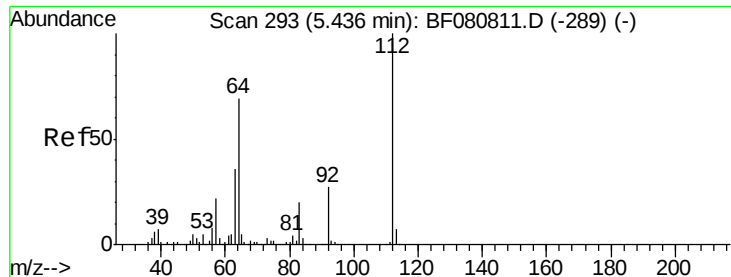
Lab File: BF080829.D

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Tgt Ion:	42	Resp:	321437
Ion Ratio	Lower	Upper	
42	100		
74	115.1	92.4	138.6
44	7.4	6.2	9.2





#5

2-Fluorophenol

Concen: 98.72 ng

RT: 5.45 min Scan# 294

Delta R.T. 0.01 min

Lab File: BF080829.D

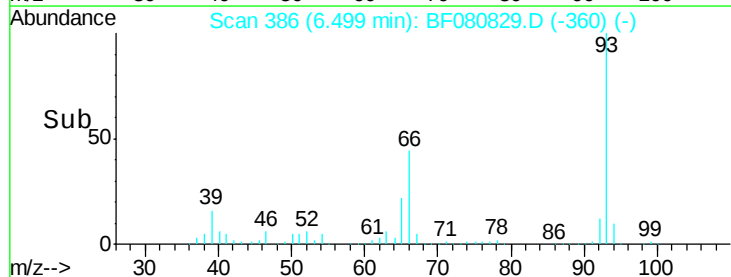
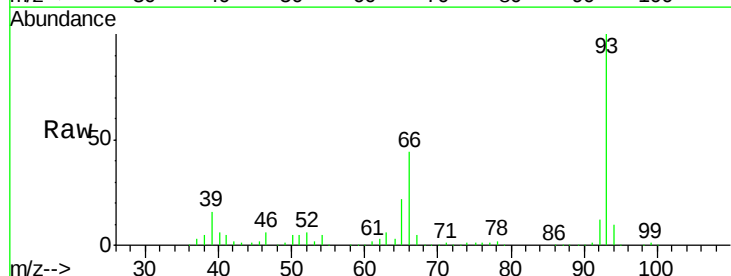
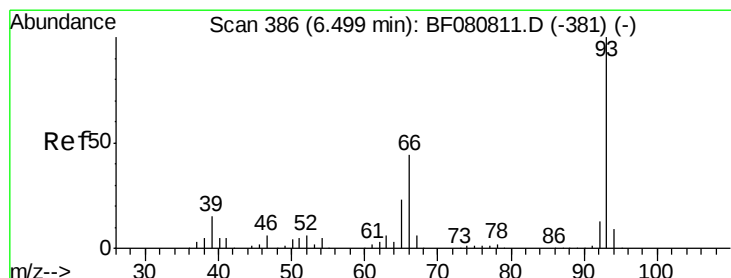
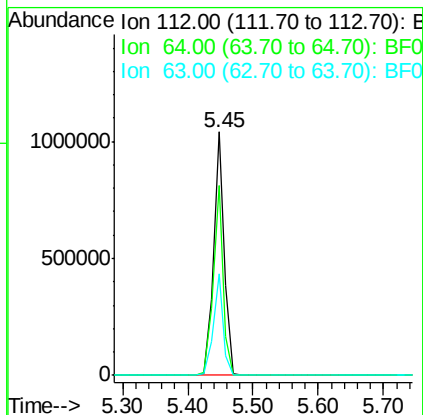
Acq: 4 Aug 2015 7:41

Tgt Ion:	112	Resp:	1215453
Ion	Ratio	Lower	Upper
112	100		
64	78.2	55.0	82.4
63	41.7	28.6	42.8

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#6

Aniline

Concen: 22.96 ng

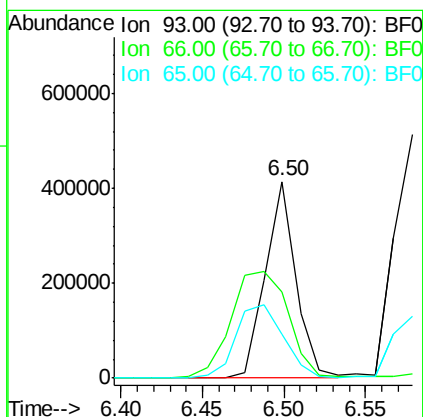
RT: 6.50 min Scan# 386

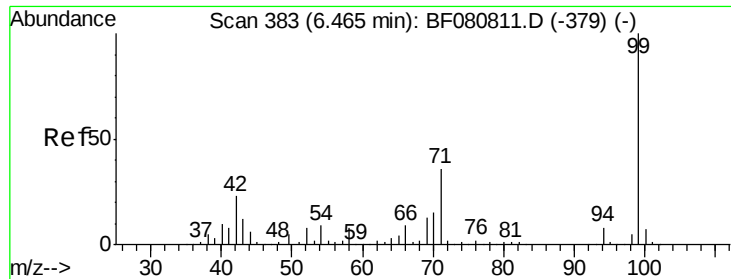
Delta R.T. -0.00 min

Lab File: BF080829.D

Acq: 4 Aug 2015 7:41

Tgt Ion:	93	Resp:	543396
Ion	Ratio	Lower	Upper
93	100		
66	43.7	35.3	52.9
65	22.3	18.7	28.1





#7

Phenol-d6

Concen: 110.68 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.00 min

Lab File: BF080829.D

Acq: 4 Aug 2015 7:41

Instrument :

BNA_F

ClientSampleId :

PB84659BS

Tgt Ion: 99 Resp: 1832261

Ion Ratio Lower Upper

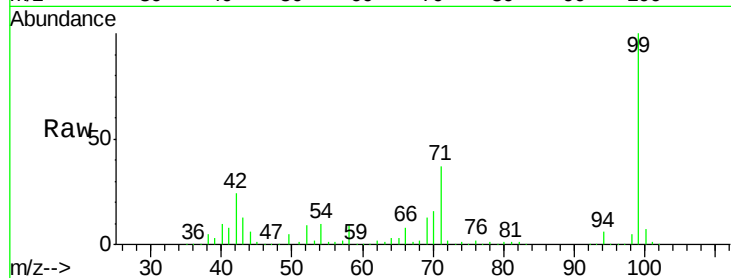
99 100

42 23.8 18.4 27.6

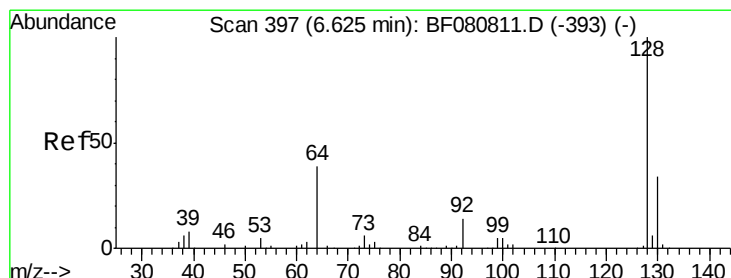
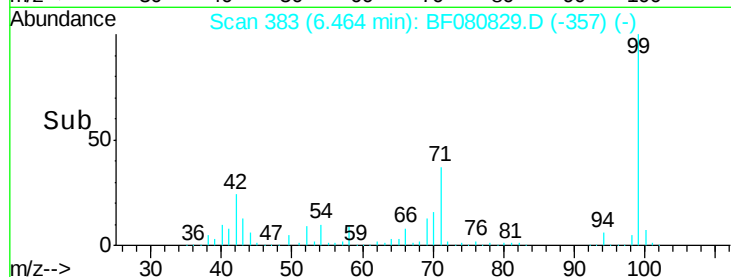
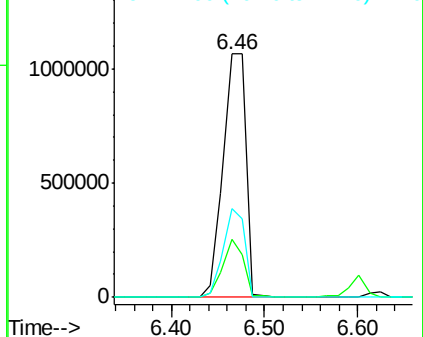
71 36.5 28.7 43.1

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



#8

2-Chlorophenol

Concen: 38.70 ng

RT: 6.62 min Scan# 397

Delta R.T. -0.00 min

Lab File: BF080829.D

Acq: 4 Aug 2015 7:41

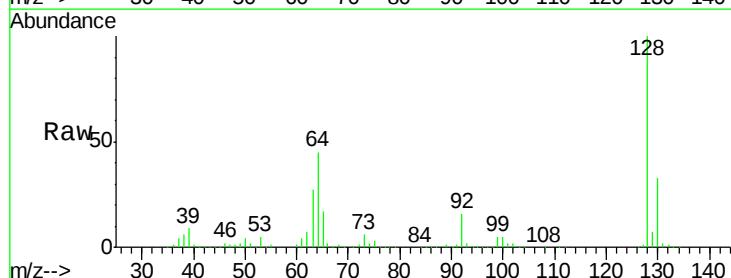
Tgt Ion: 128 Resp: 524655

Ion Ratio Lower Upper

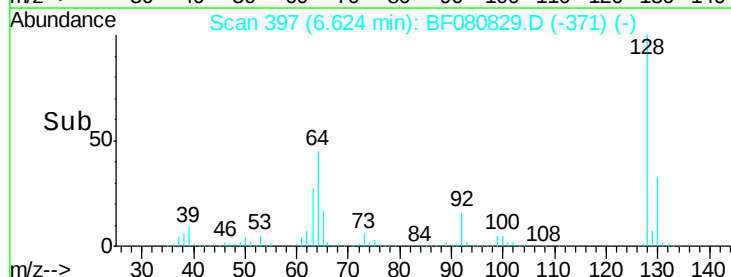
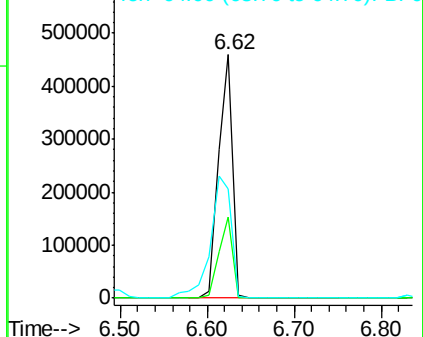
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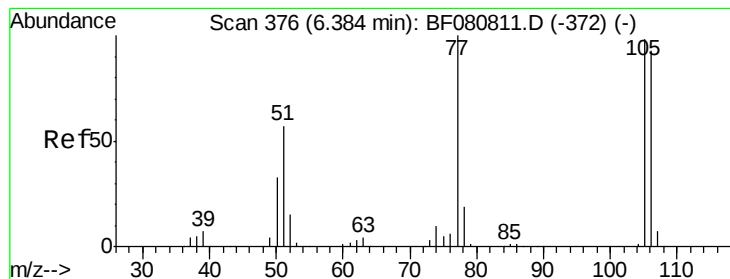
130 33.1 14.1 54.1

64 45.0 22.3 62.3



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





#9

Benzaldehyde

Concen: 2.97 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.01 min

Lab File: BF080829.D

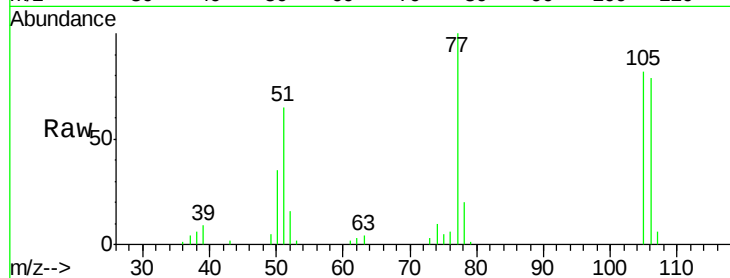
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BNA_F

ClientSampleId :

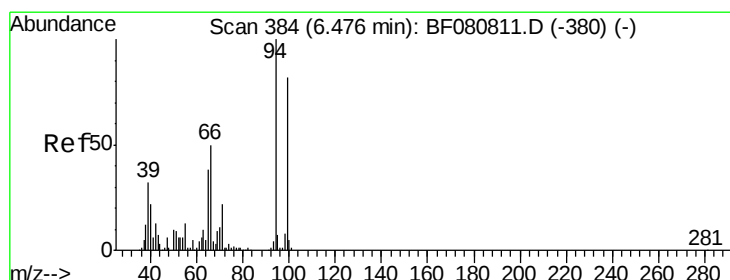
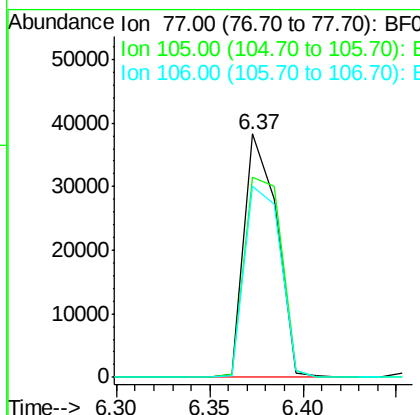
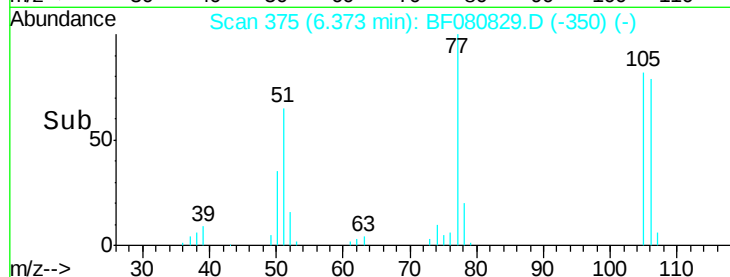
PB84659BS



Tgt Ion:	77	Resp:	46560
Ion	Ratio	Lower	Upper
77	100		
105	81.9	78.1	118.1
106	78.6	72.7	112.7

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#10

Phenol

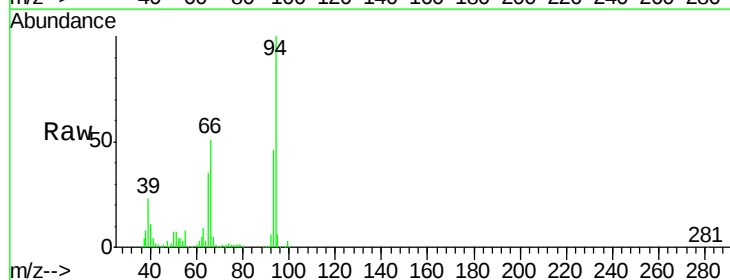
Concen: 32.62 ng

RT: 6.49 min Scan# 385

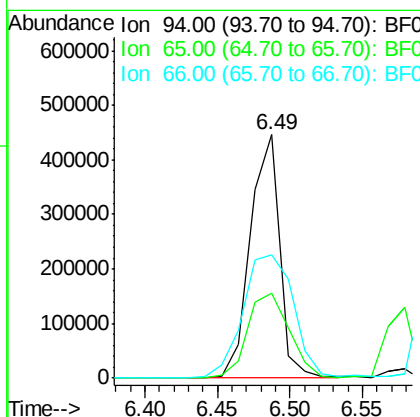
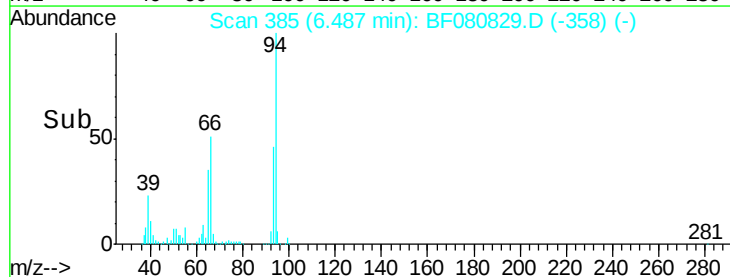
Delta R.T. 0.01 min

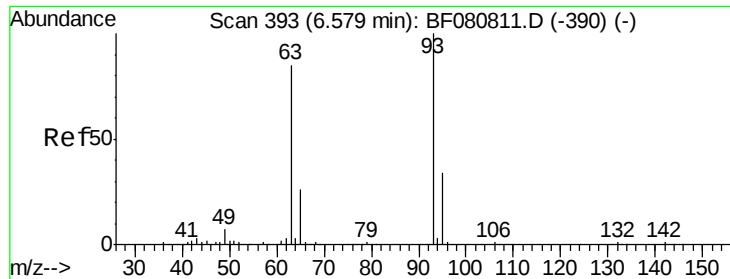
Lab File: BF080829.D

Acq: 4 Aug 2015 7:41



Tgt Ion:	94	Resp:	628471
Ion	Ratio	Lower	Upper
94	100		
65	34.6	17.5	57.5
66	50.5	29.6	69.6





#11

bis(2-Chloroethyl)ether

Concen: 40.42 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.00 min

Lab File: BF080829.D

Acq: 4 Aug 2015 7:41

Instrument :

BNA_F

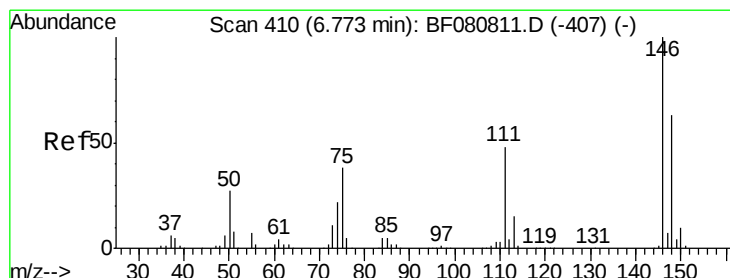
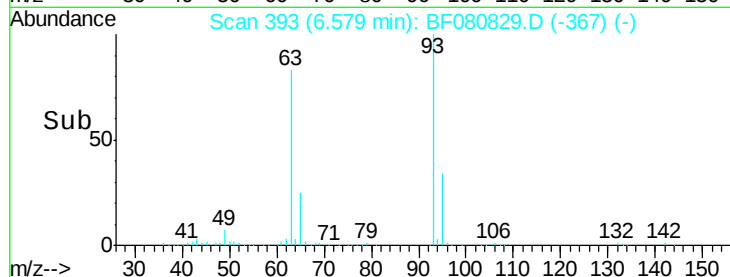
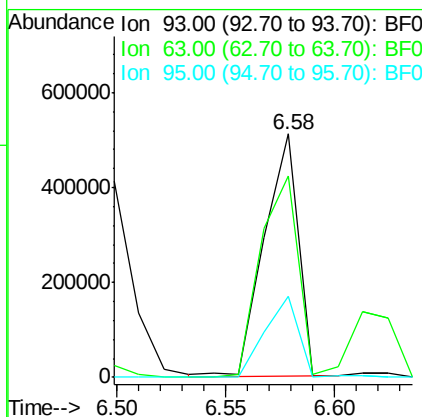
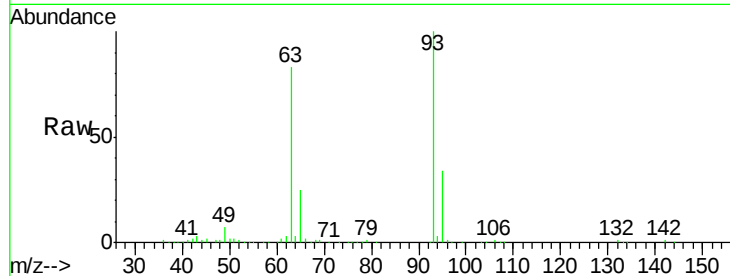
ClientSampleId :

PB84659BS

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Tgt Ion:	93	Resp:	559655
Ion	Ratio	Lower	Upper
93	100		
63	82.6	64.9	104.9
95	33.5	13.4	53.4



#12

1,3-Dichlorobenzene

Concen: 35.85 ng

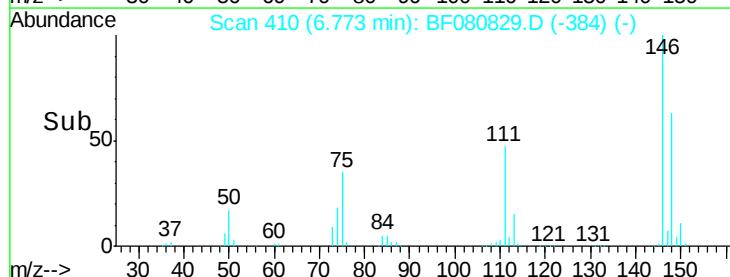
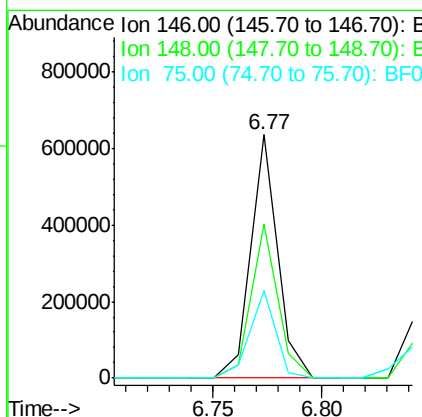
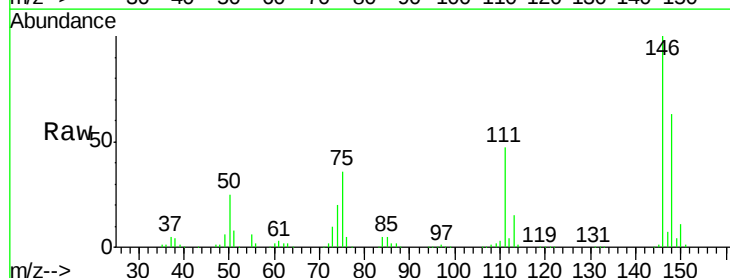
RT: 6.77 min Scan# 410

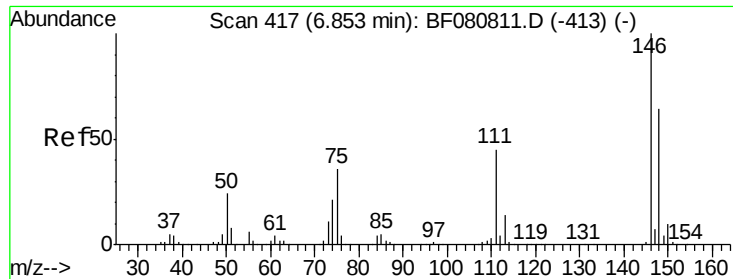
Delta R.T. -0.00 min

Lab File: BF080829.D

Acq: 4 Aug 2015 7:41

Tgt Ion:	146	Resp:	546132
Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.5	75.7
75	36.2	30.7	46.1





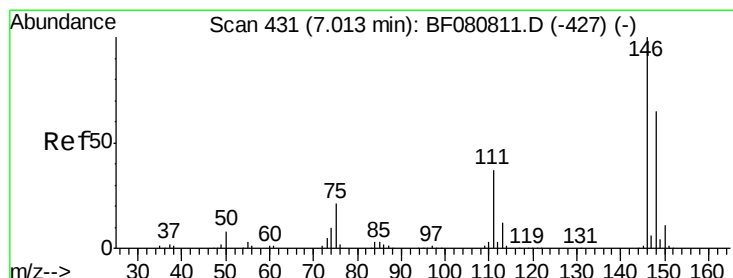
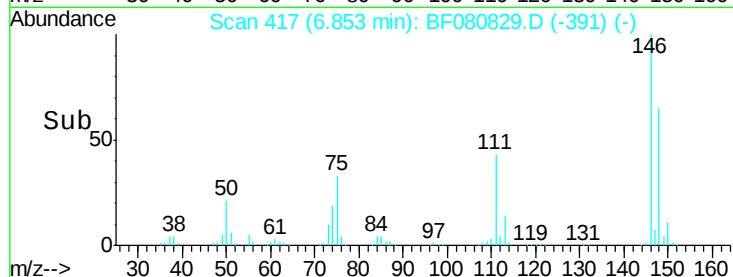
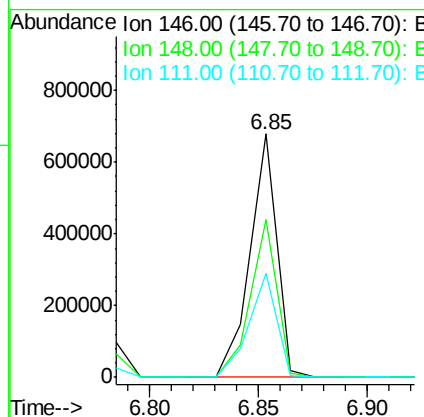
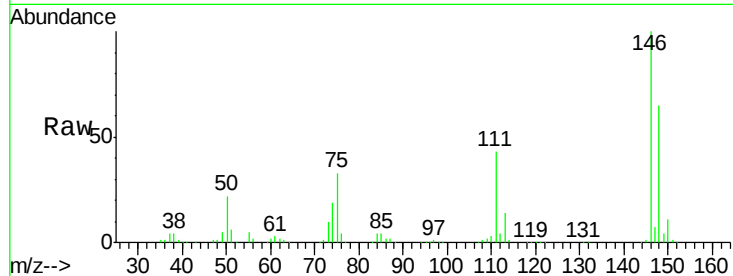
#13
 1,4-Dichlorobenzene
 Concen: 38.25 ng
 RT: 6.85 min Scan# 417
 Delta R.T. -0.00 min
 Lab File: BF080829.D
 Acq: 4 Aug 2015 7:41

Instrument :
 BNA_F
 ClientSampleId :
 PB84659BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
146	100		
148	65.0	51.3	76.9
111	42.7	35.8	53.8

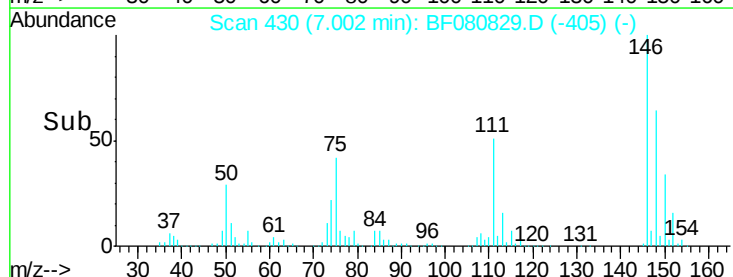
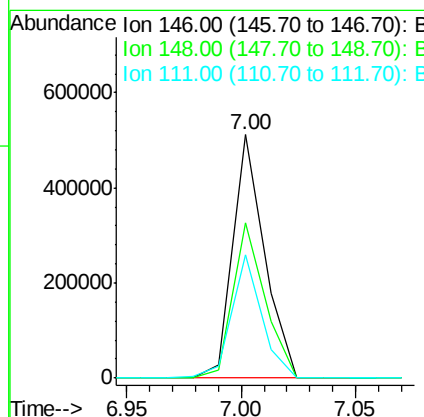
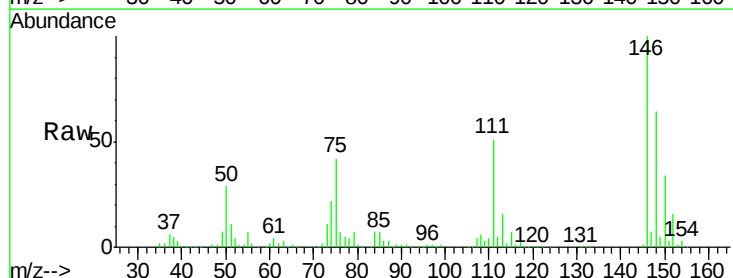
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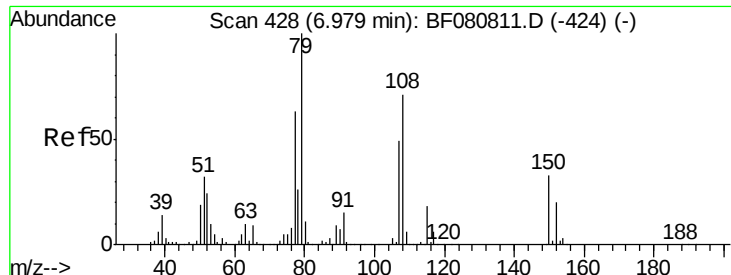
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#14
 1,2-Dichlorobenzene
 Concen: 35.06 ng m
 RT: 7.00 min Scan# 430
 Delta R.T. -0.01 min
 Lab File: BF080829.D
 Acq: 4 Aug 2015 7:41

Tgt Ion	Ratio	Resp Lower	Resp Upper
146	100		
148	63.8	52.0	78.0
111	50.9	29.3	43.9#





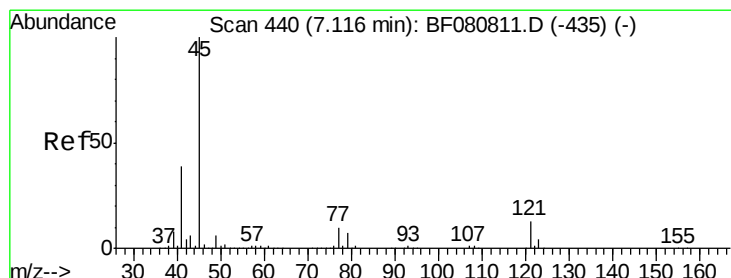
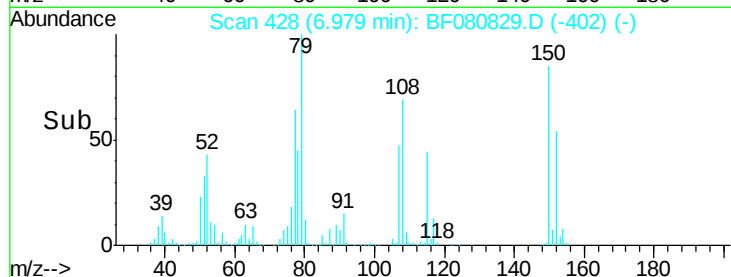
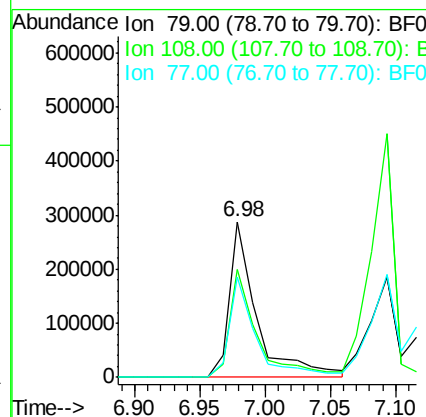
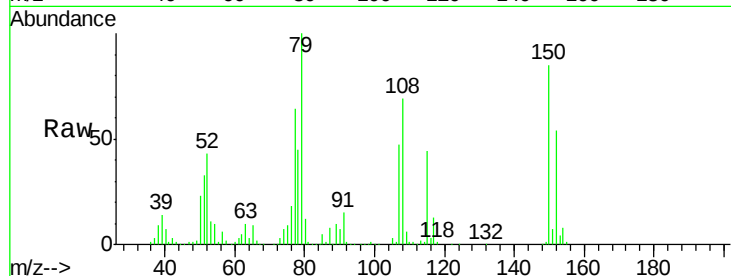
#15
Benzyl Alcohol
Concen: 37.32 ng
RT: 6.98 min Scan# 428
Delta R.T. -0.00 min
Lab File: BF080829.D
Acq: 4 Aug 2015 7:41

Instrument :
BNA_F
ClientSampleId :
PB84659BS

Tgt Ion	Ratio	Lower	Upper
79	100		
108	69.1	56.9	85.3
77	64.2	50.4	75.6

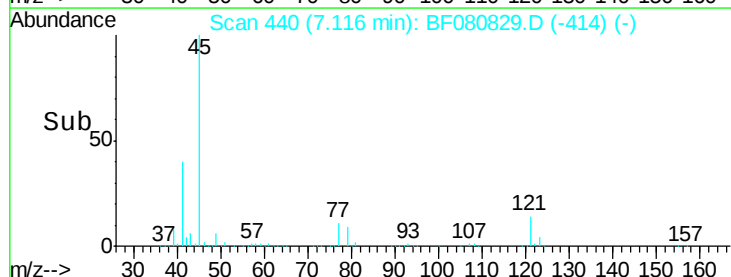
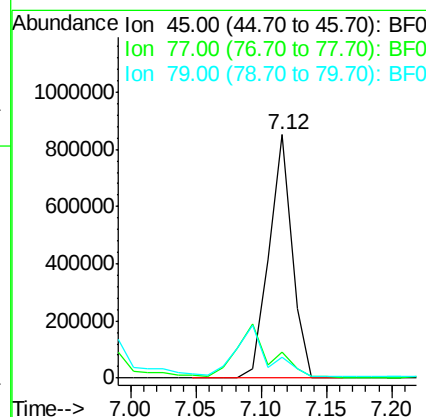
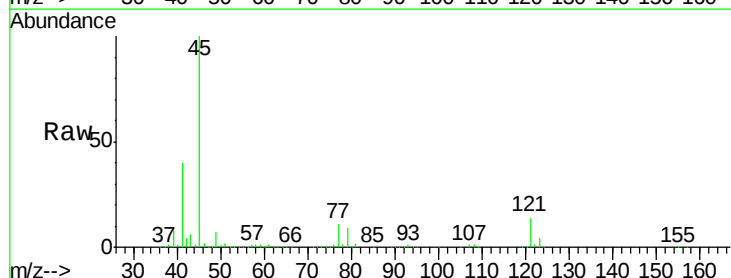
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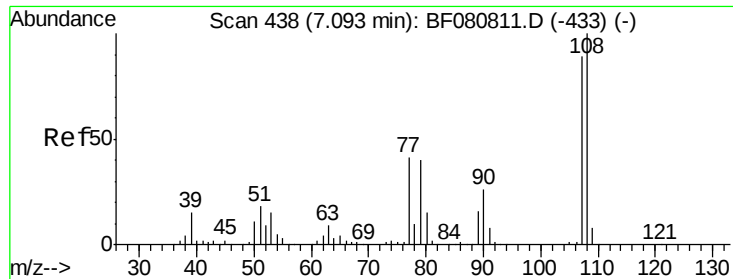
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.68 ng
RT: 7.12 min Scan# 440
Delta R.T. -0.00 min
Lab File: BF080829.D
Acq: 4 Aug 2015 7:41

Tgt Ion	Ratio	Lower	Upper
45	100		
77	10.9	0.0	30.5
79	8.6	0.0	28.2





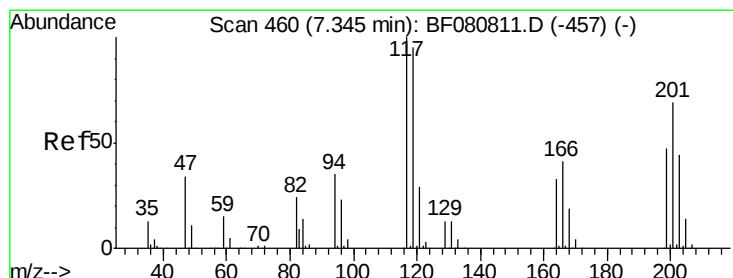
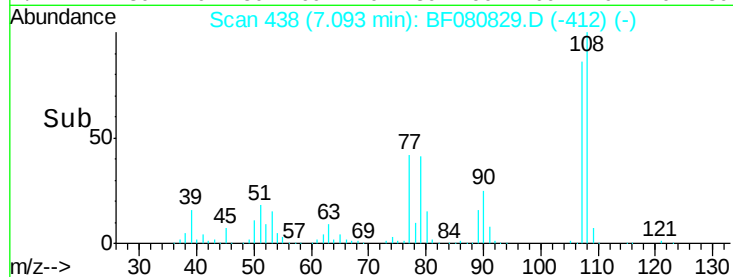
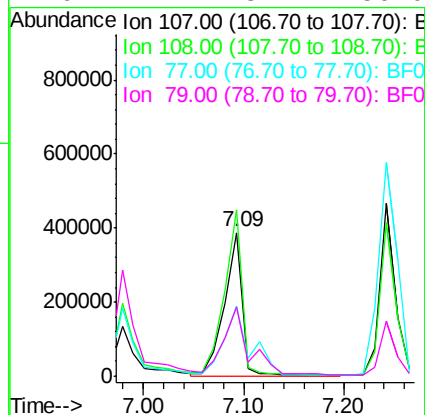
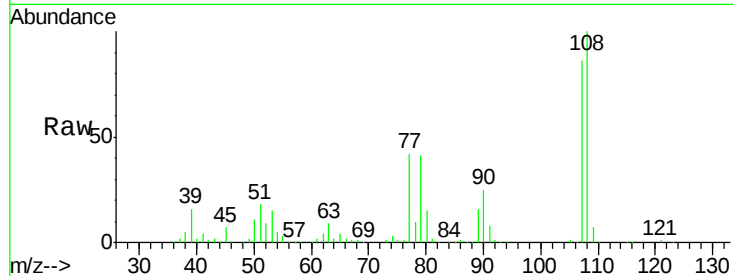
#17
2-Methylphenol
Concen: 40.07 ng
RT: 7.09 min Scan# 438
Delta R.T. -0.00 min
Lab File: BF080829.D
Acq: 4 Aug 2015 7:41

Instrument :
BNA_F
ClientSampleId :
PB84659BS

Tgt Ion:	107	Resp:	479423
Ion Ratio	Lower	Upper	
107	100		
108	116.0	90.6	135.8
77	49.1	37.8	56.8
79	47.7	37.4	56.0

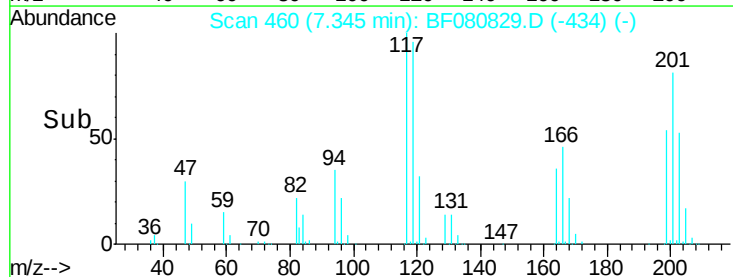
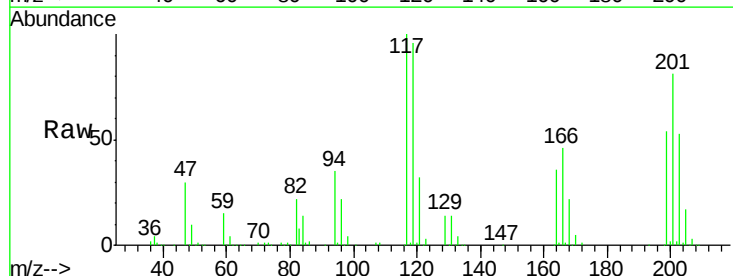
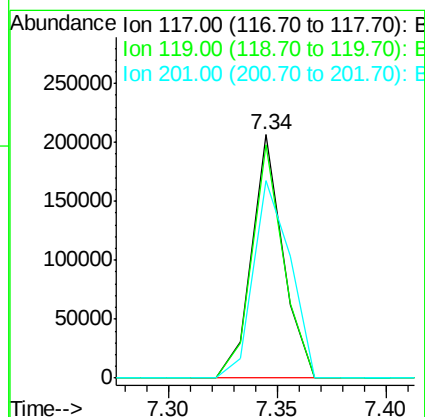
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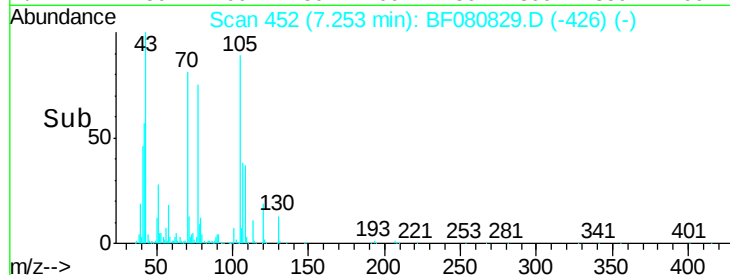
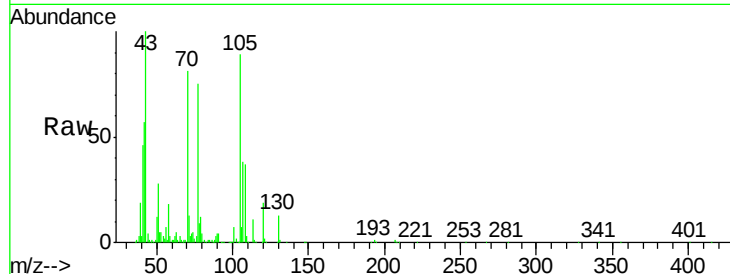
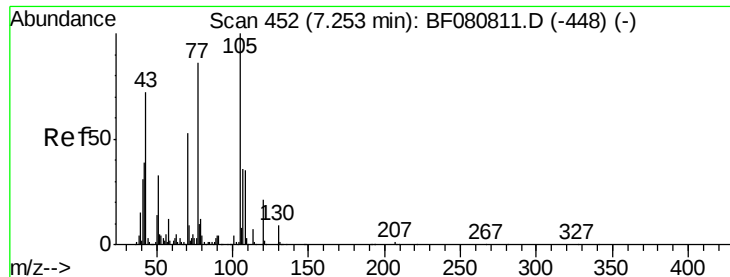
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#18
Hexachloroethane
Concen: 36.76 ng
RT: 7.34 min Scan# 460
Delta R.T. -0.00 min
Lab File: BF080829.D
Acq: 4 Aug 2015 7:41

Tgt Ion:	117	Resp:	205739
Ion Ratio	Lower	Upper	
117	100		
119	95.9	76.3	114.5
201	80.9	55.5	83.3





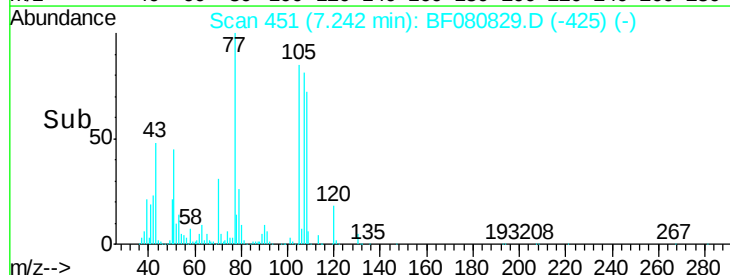
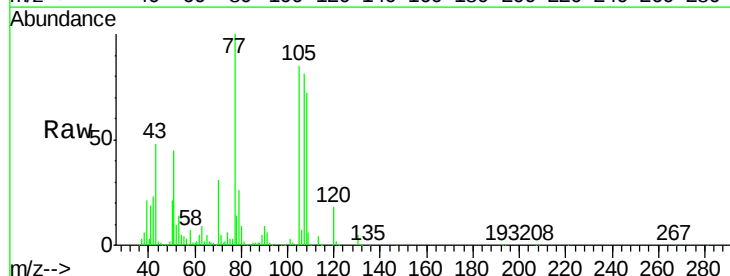
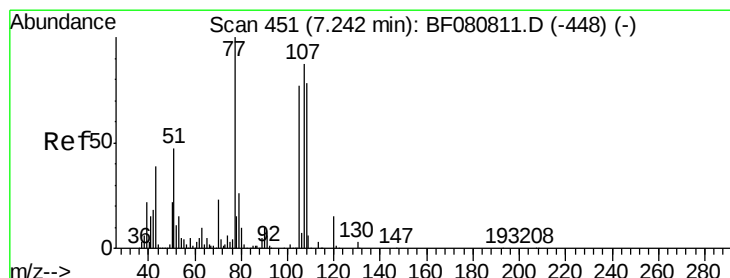
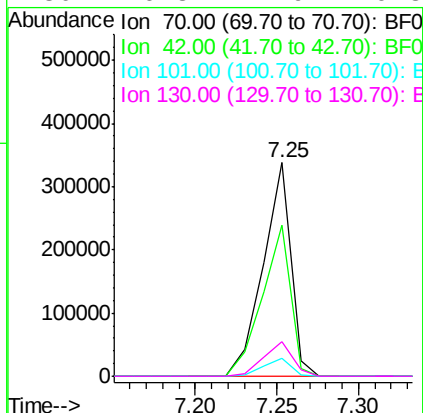
#19
n-Nitroso-di-n-propylamine
Concen: 37.56 ng
RT: 7.25 min Scan# 452
Delta R.T. 0.00 min
Lab File: BF080829.D
Acq: 4 Aug 2015 7:41

Instrument :
BNA_F
ClientSampleId :
PB84659BS

Manual Integrations
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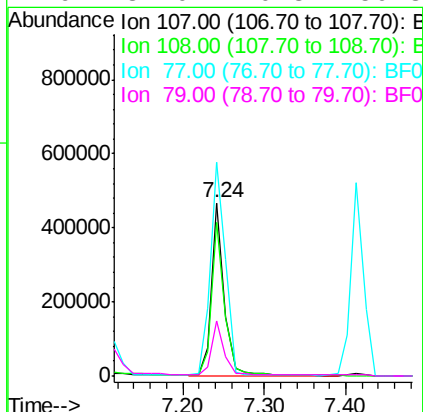
MMDadoda
8/5/2015 2:29:12 PM

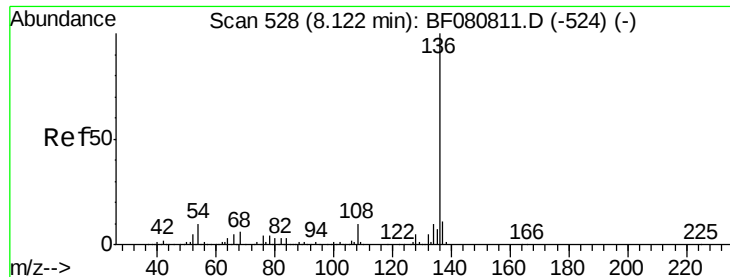
Tgt Ion	Ratio	Resp	Lower	Upper
70	100	401698		
42	70.6	59.1	88.7	
101	8.2	6.6	10.0	
130	16.3	12.9	19.3	



#20
3+4-Methylphenols
Concen: 37.23 ng
RT: 7.24 min Scan# 451
Delta R.T. -0.00 min
Lab File: BF080829.D
Acq: 4 Aug 2015 7:41

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	517593		
108	88.7	69.6	109.6	
77	123.3	94.9	134.9	
79	32.0	10.3	50.3	





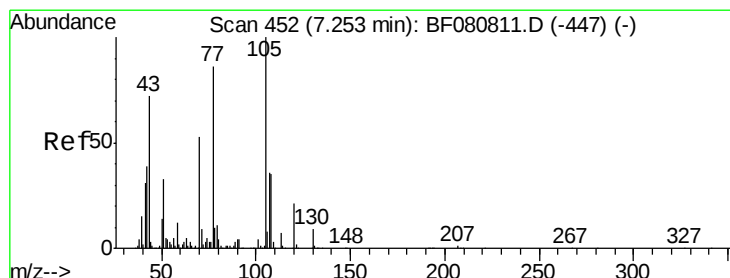
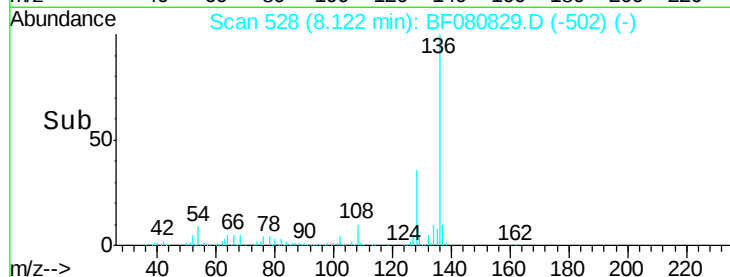
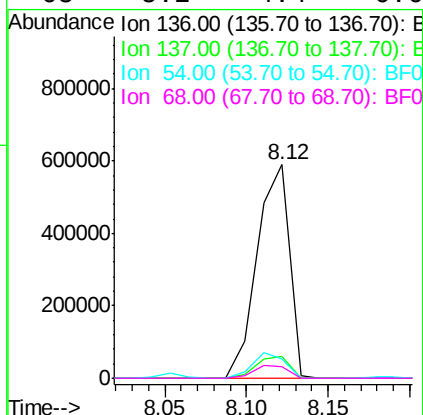
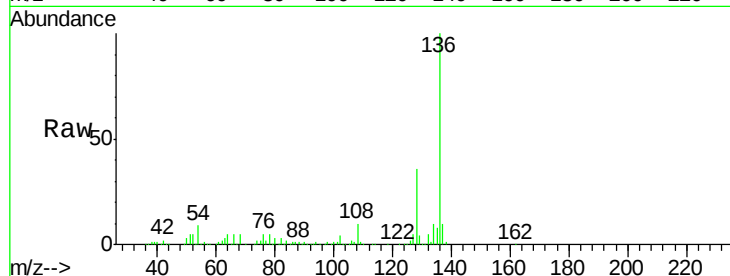
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.00 min
Lab File: BF080829.D
Acq: 4 Aug 2015 7:41

Instrument :
BNA_F
ClientSampleId :
PB84659BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	809446		
137	10.2	8.8	13.2	
54	9.1	7.9	11.9	
68	5.2	4.4	6.6	

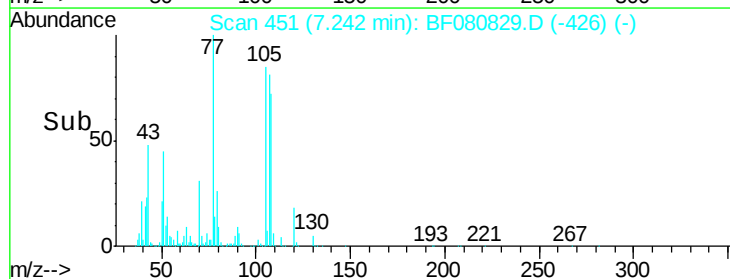
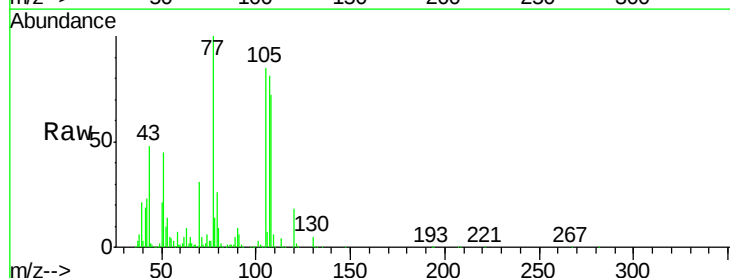
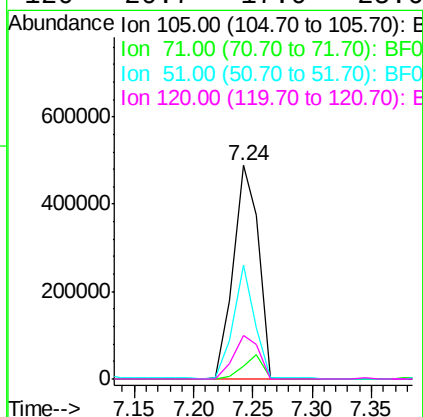
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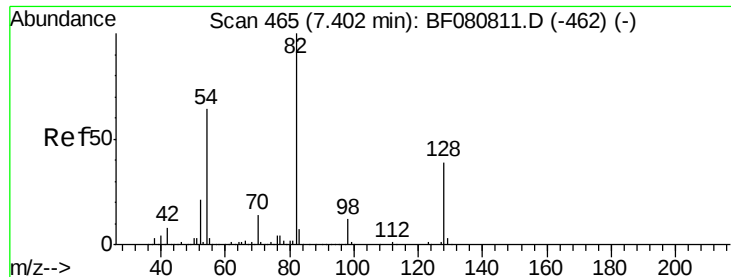
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#22
Acetophenone
Concen: 36.48 ng
RT: 7.24 min Scan# 451
Delta R.T. -0.01 min
Lab File: BF080829.D
Acq: 4 Aug 2015 7:41

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	719816		
71	6.0	7.1	10.7#	
51	53.1	26.5	39.7#	
120	20.7	17.0	25.6	





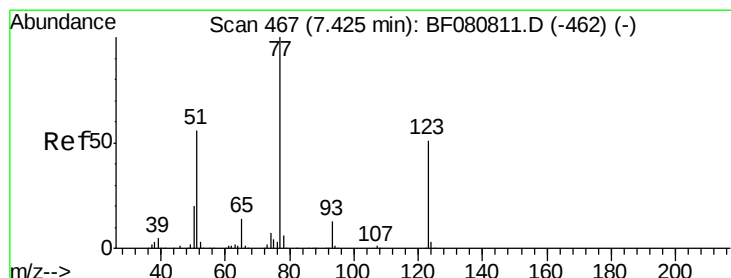
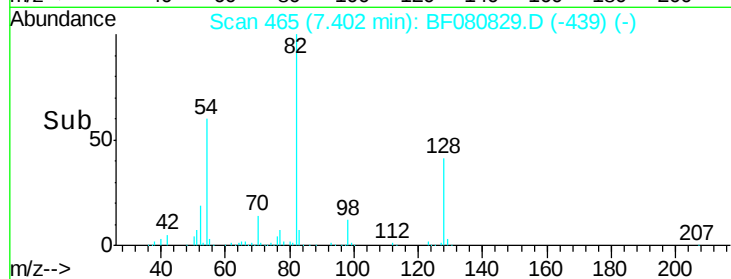
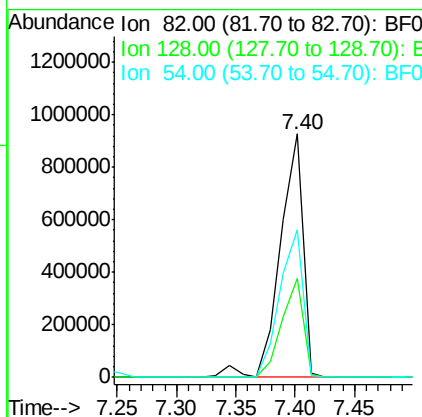
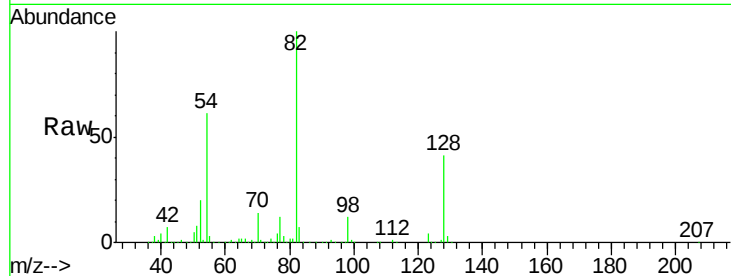
#23
 Nitrobenzene-d5
 Concen: 74.48 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.00 min
 Lab File: BF080829.D
 Acq: 4 Aug 2015 7:41

Instrument :
 BNA_F
 ClientSampleId :
 PB84659BS

Tgt Ion: 82 Resp: 1227643
 Ion Ratio Lower Upper
 82 100
 128 40.8 31.4 47.0
 54 60.6 51.0 76.4

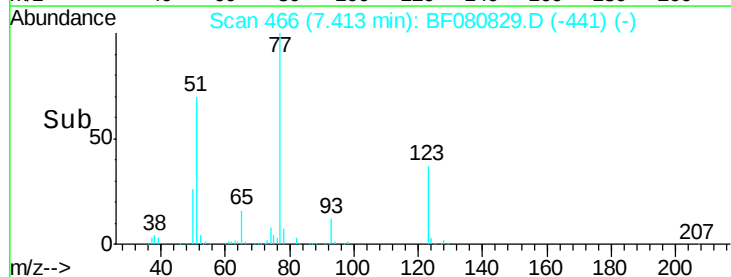
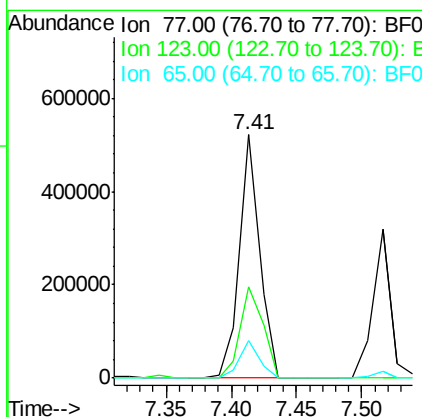
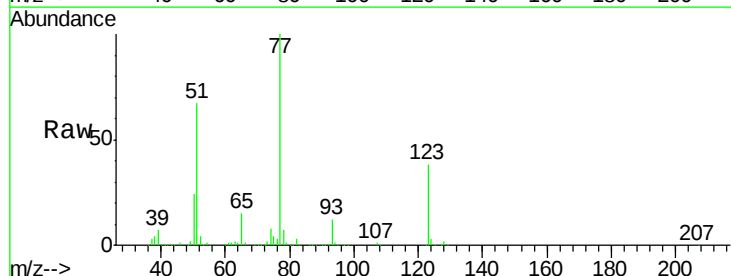
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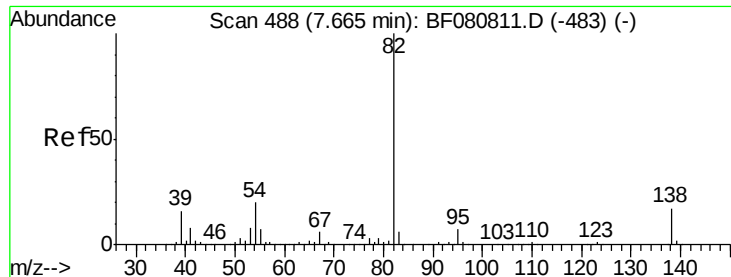
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#24
 Nitrobenzene
 Concen: 33.48 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.01 min
 Lab File: BF080829.D
 Acq: 4 Aug 2015 7:41

Tgt Ion: 77 Resp: 560663
 Ion Ratio Lower Upper
 77 100
 123 37.7 40.7 61.1#
 65 15.3 11.3 16.9





#25

Isophorone

Concen: 37.44 ng

RT: 7.65 min Scan# 487

Delta R.T. -0.01 min

Lab File: BF080829.D

Acq: 4 Aug 2015 7:41

Instrument :

BNA_F

ClientSampleId :

PB84659BS

Tgt Ion: 82 Resp: 1102805

Ion Ratio Lower Upper

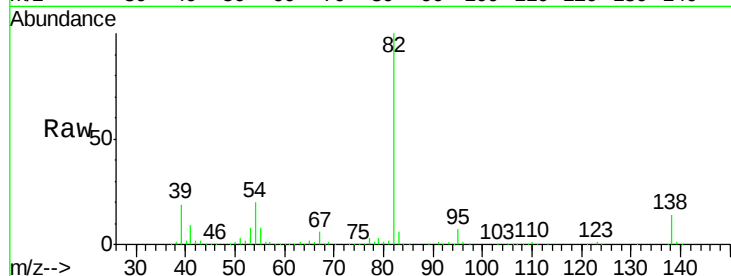
82 100

95 6.9 5.9 8.9

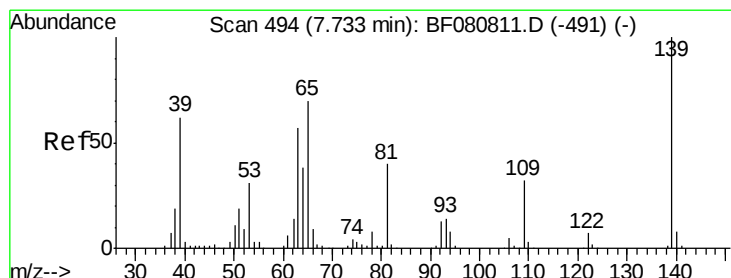
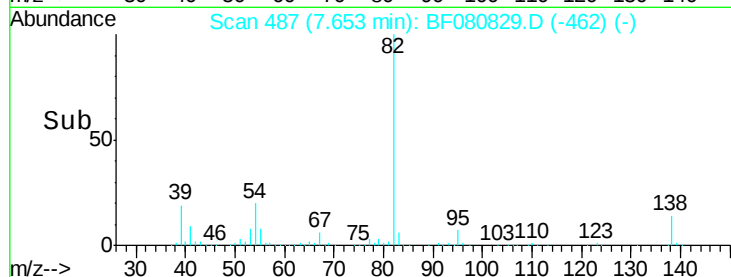
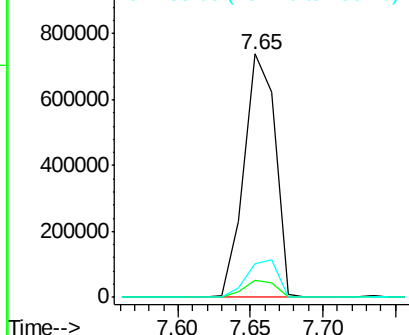
138 13.6 13.4 20.2

Manual Integrations
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Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 38.87 ng

RT: 7.73 min Scan# 494

Delta R.T. -0.00 min

Lab File: BF080829.D

Acq: 4 Aug 2015 7:41

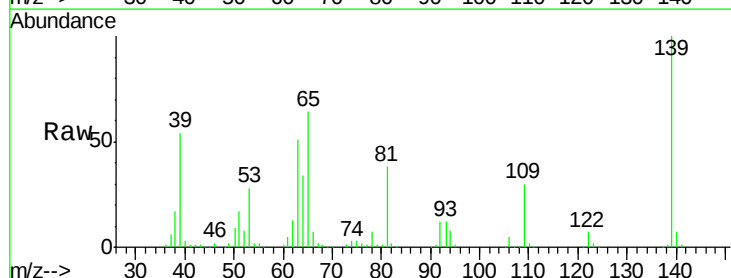
Tgt Ion: 139 Resp: 278319

Ion Ratio Lower Upper

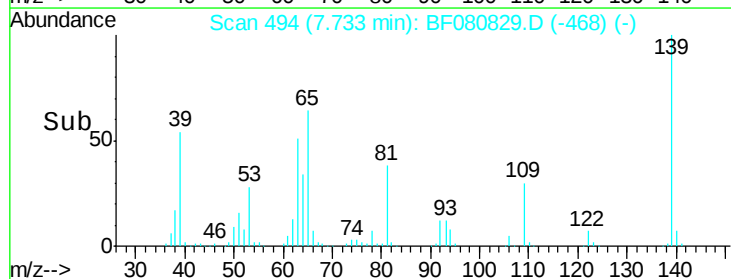
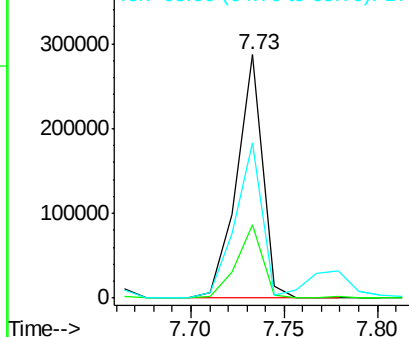
139 100

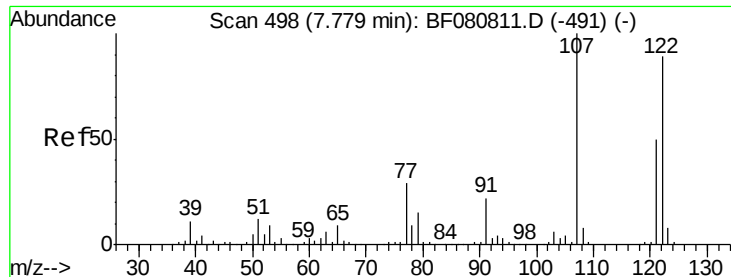
109 30.1 25.3 37.9

65 63.8 56.2 84.4



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0





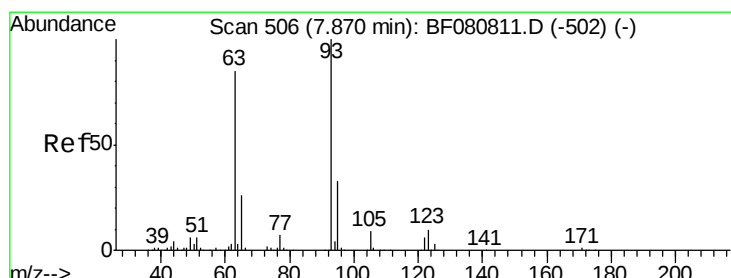
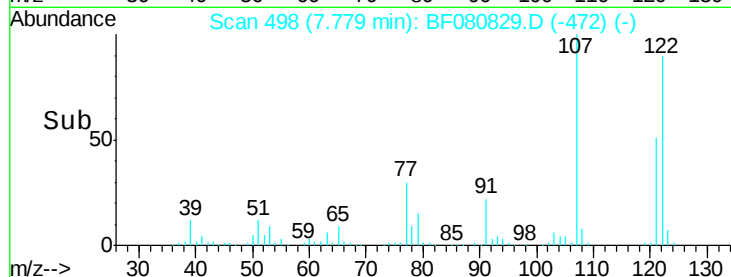
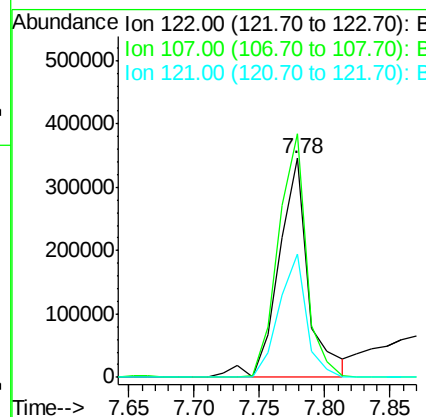
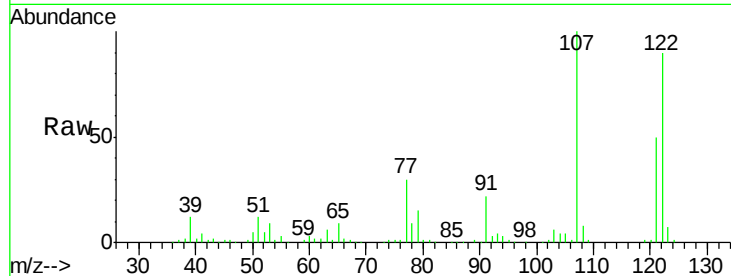
#27
 2,4-Dimethylphenol
 Concen: 40.62 ng
 RT: 7.78 min Scan# 498
 Delta R.T. -0.00 min
 Lab File: BF080829.D
 Acq: 4 Aug 2015 7:41

Instrument :
 BNA_F
 ClientSampleId :
 PB84659BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	553973		
107	111.3	90.2	135.4	
121	56.2	45.4	68.2	

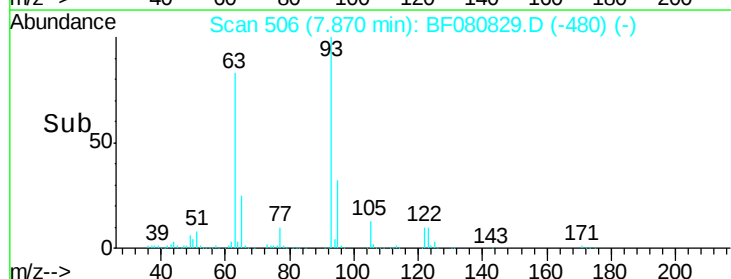
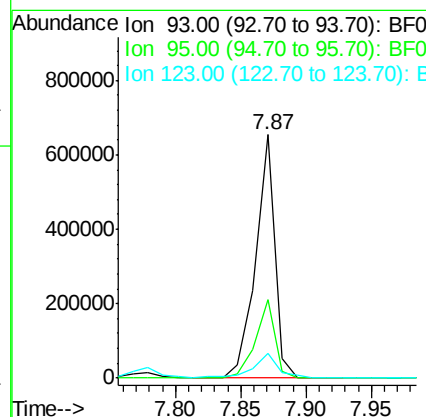
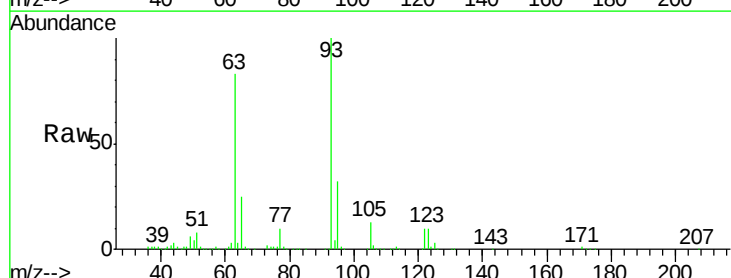
Manual Integrations
 APPROVED

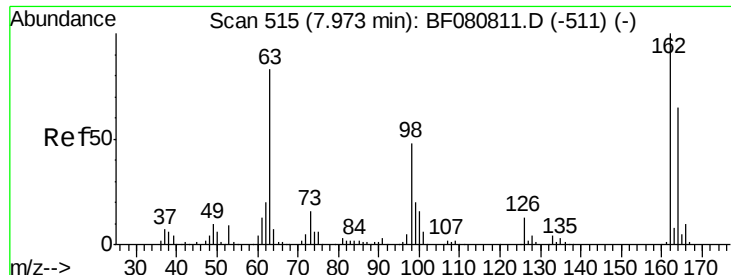
MMDadoda
 8/5/2015 2:29:12 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.72 ng
 RT: 7.87 min Scan# 506
 Delta R.T. -0.00 min
 Lab File: BF080829.D
 Acq: 4 Aug 2015 7:41

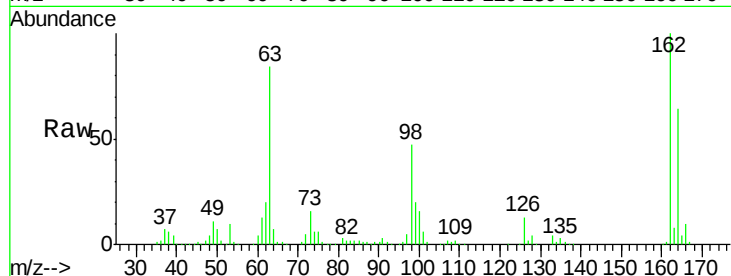
Tgt Ion	Ratio	Resp	Lower	Upper
93	100	670463		
95	32.4	26.1	39.1	
123	10.2	8.0	12.0	





#29
 2,4-Dichlorophenol
 Concen: 37.15 ng
 RT: 7.97 min Scan# 515
 Delta R.T. -0.00 min
 Lab File: BF080829.D
 Acq: 4 Aug 2015 7:41

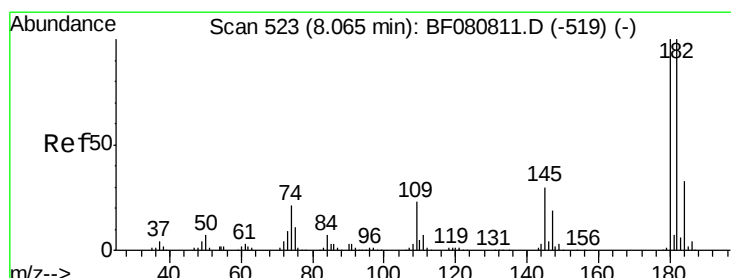
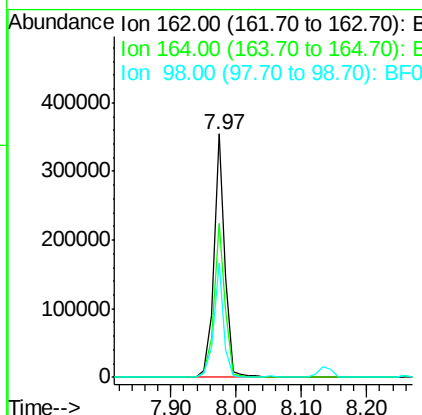
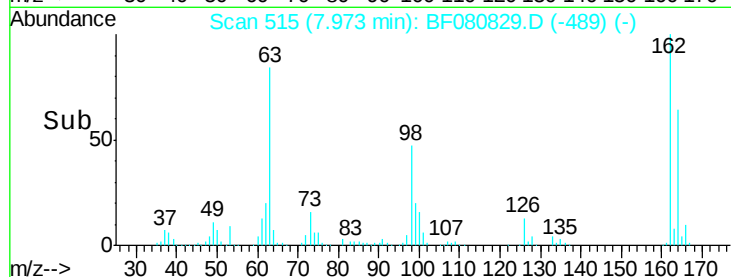
Instrument :
 BNA_F
 ClientSampleId :
 PB84659BS



Tgt Ion	Ratio	Resp	Lower	Upper
162	100	425266		
164	63.5	45.3	85.3	
98	47.0	27.7	67.7	

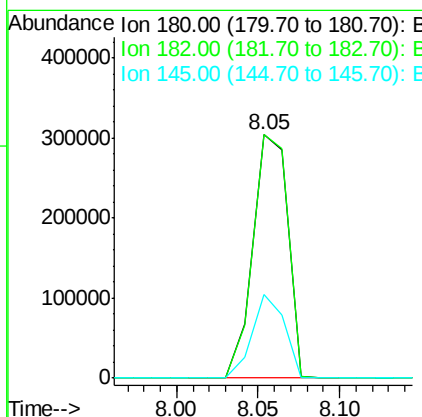
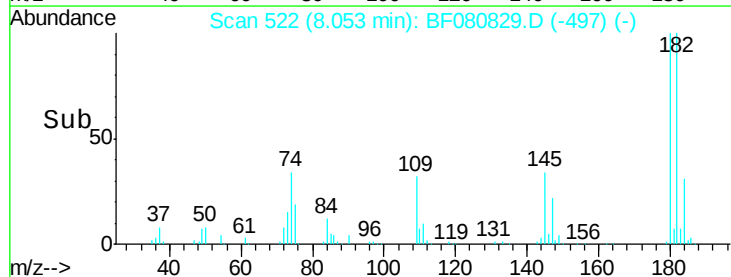
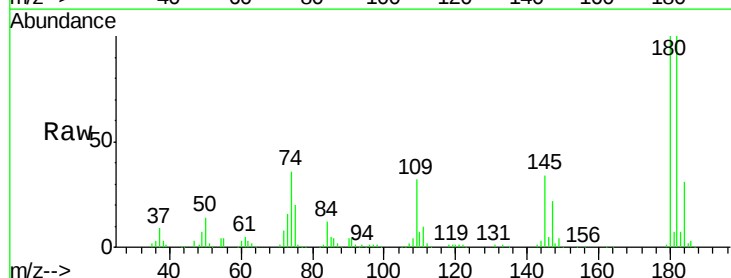
Manual Integrations
 APPROVED

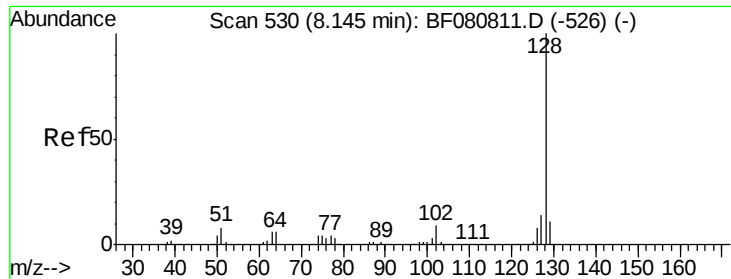
MMDadoda
 8/5/2015 2:29:12 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 36.33 ng
 RT: 8.05 min Scan# 522
 Delta R.T. -0.01 min
 Lab File: BF080829.D
 Acq: 4 Aug 2015 7:41

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	452458		
182	100.1	79.7	119.5	
145	34.4	23.8	35.8	





#31

Naphthalene

Concen: 36.44 ng

RT: 8.13 min Scan# 529

Delta R.T. -0.01 min

Lab File: BF080829.D

Acq: 4 Aug 2015 7:41

Instrument :

BNA_F

ClientSampleId :

PB84659BS

Tgt Ion:128 Resp: 1450934

Ion Ratio Lower Upper

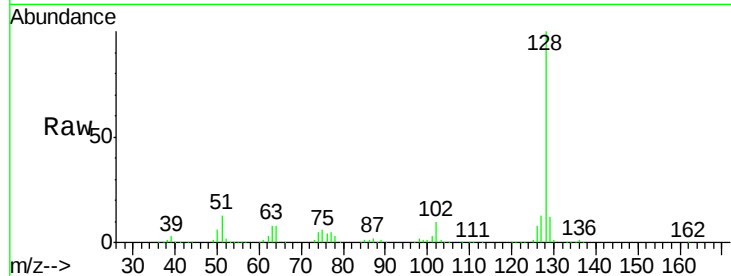
128 100

129 12.0 9.1 13.7

127 13.4 10.8 16.2

Manual Integrations
APPROVED

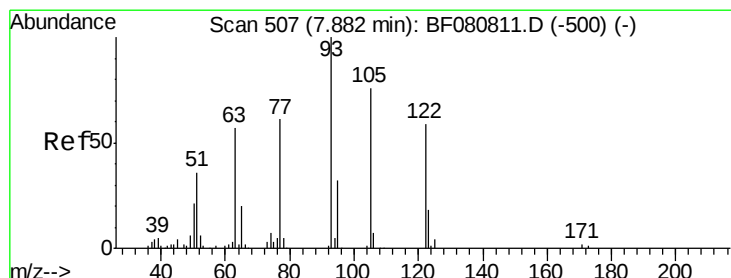
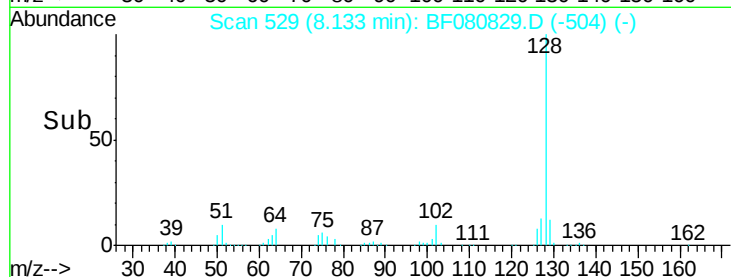
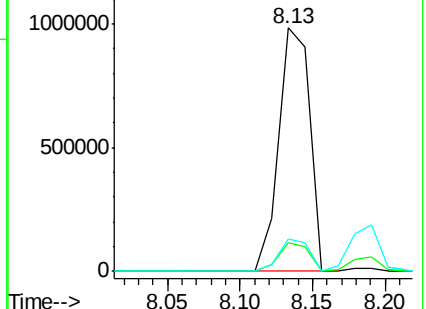
MMDadoda
8/5/2015 2:29:12 PM



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 38.76 ng

RT: 7.89 min Scan# 508

Delta R.T. 0.01 min

Lab File: BF080829.D

Acq: 4 Aug 2015 7:41

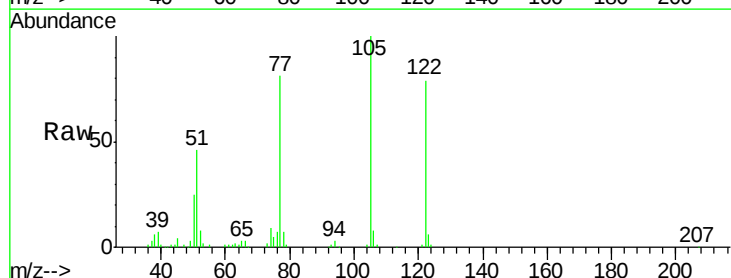
Tgt Ion:122 Resp: 319593

Ion Ratio Lower Upper

122 100

105 127.3 102.3 142.3

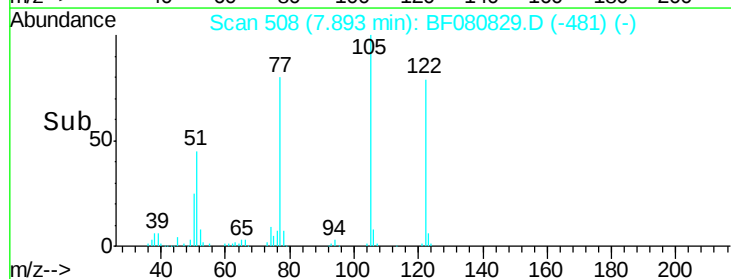
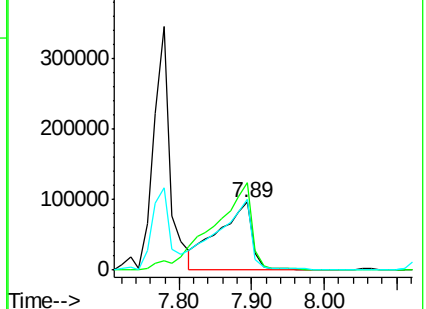
77 103.3 81.2 121.2

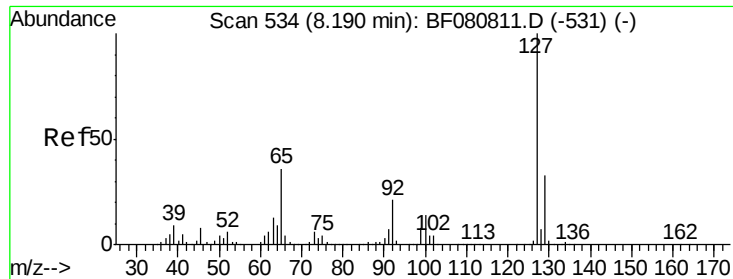


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





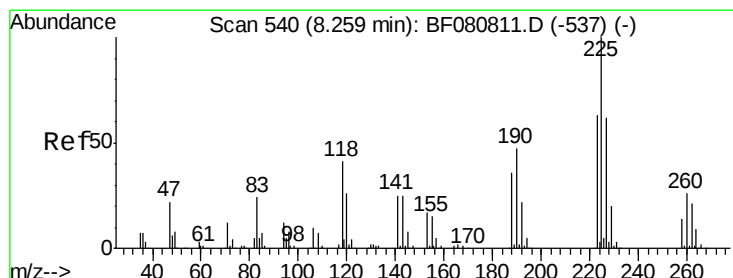
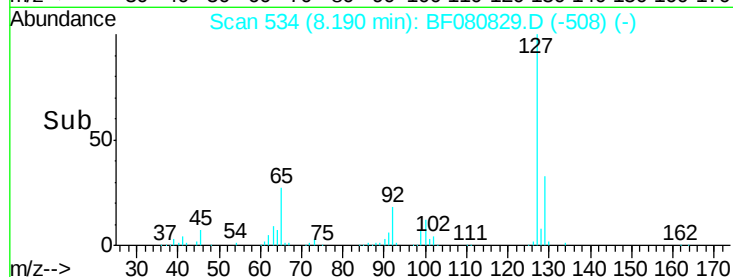
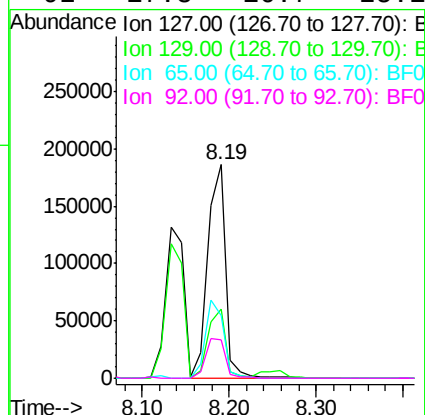
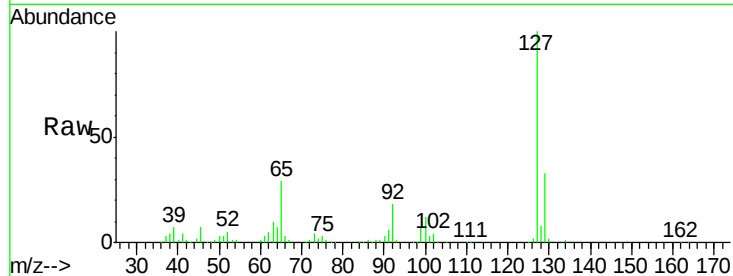
#33
4-Chloroaniline
Concen: 15.87 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.00 min
Lab File: BF080829.D
Acq: 4 Aug 2015 7:41

Instrument :
BNA_F
ClientSampleId :
PB84659BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
127	100		
129	32.5	26.1	39.1
65	29.5	28.9	43.3
92	17.8	16.7	25.1

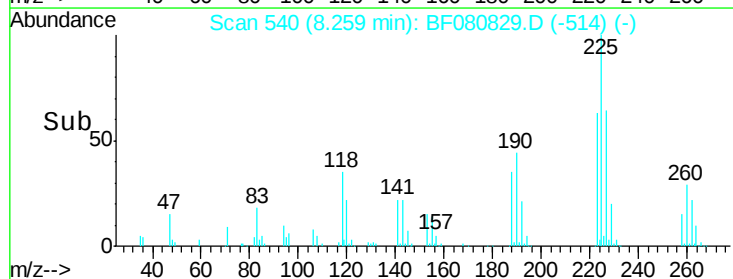
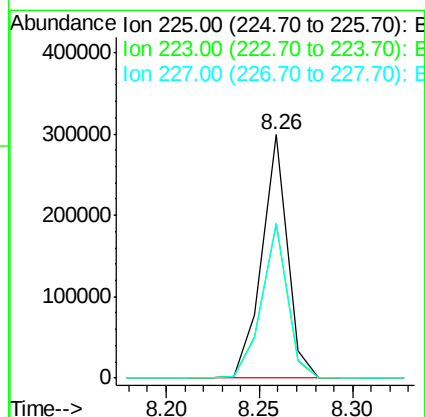
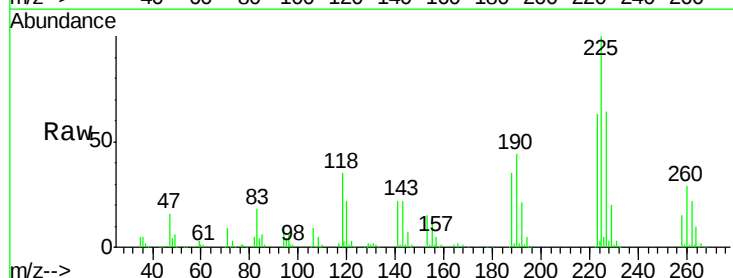
Manual Integrations
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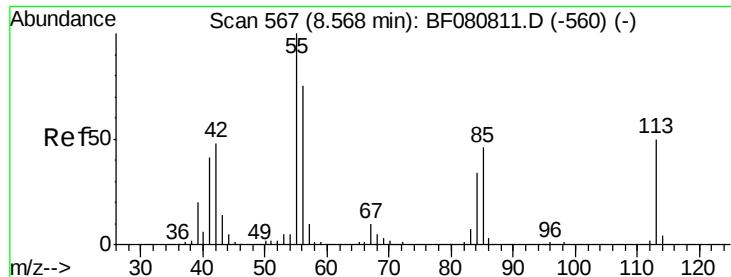
MMDadoda
8/5/2015 2:29:12 PM



#34
Hexachlorobutadiene
Concen: 36.88 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.00 min
Lab File: BF080829.D
Acq: 4 Aug 2015 7:41

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	63.5	50.2	75.2
227	64.0	49.7	74.5





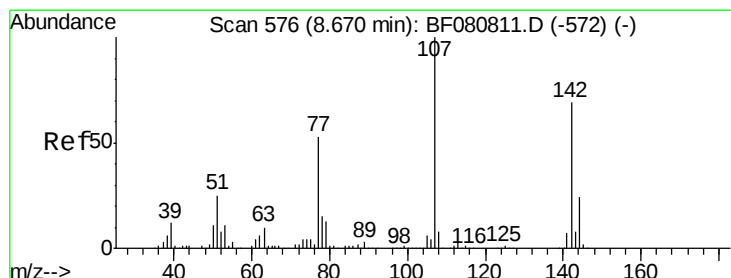
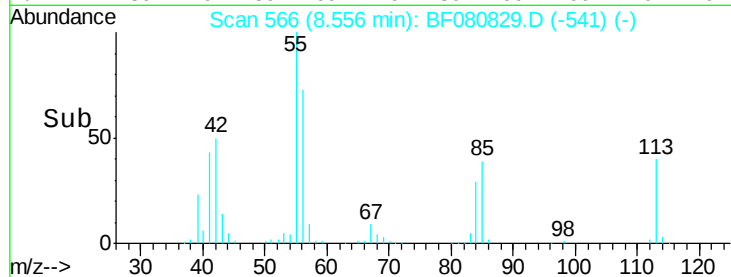
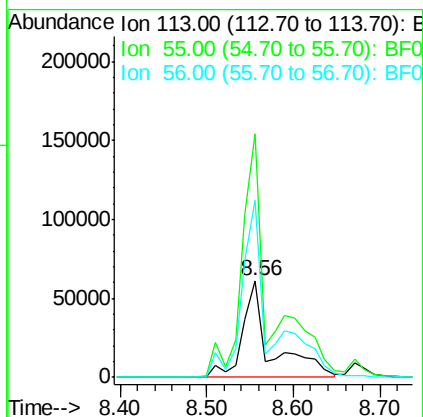
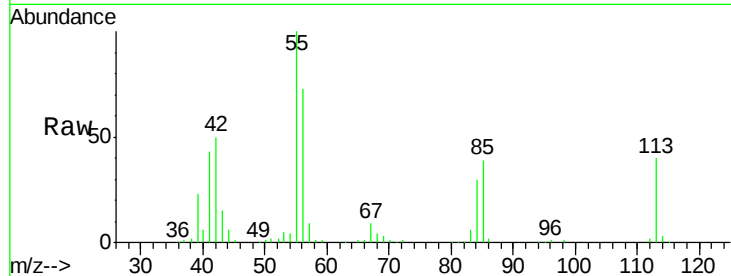
#35
 Caprolactam
 Concen: 43.01 ng m
 RT: 8.56 min Scan# 566
 Delta R.T. -0.01 min
 Lab File: BF080829.D
 Acq: 4 Aug 2015 7:41

Instrument :
 BNA_F
 ClientSampleId :
 PB84659BS

Tgt Ion:113 Resp: 136818
 Ion Ratio Lower Upper
 113 100
 55 252.3 179.0 219.0#
 56 183.5 128.2 168.2#

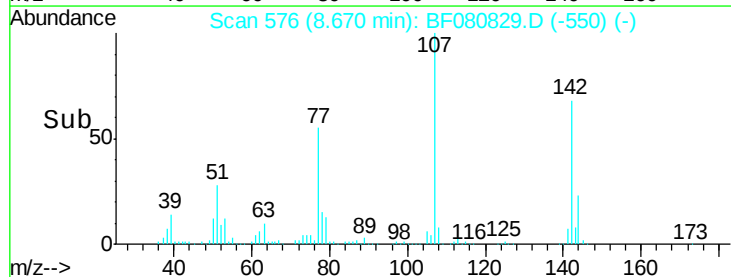
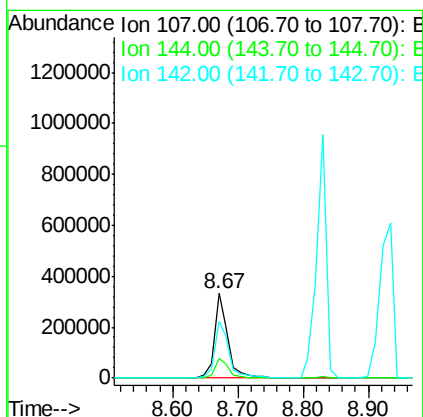
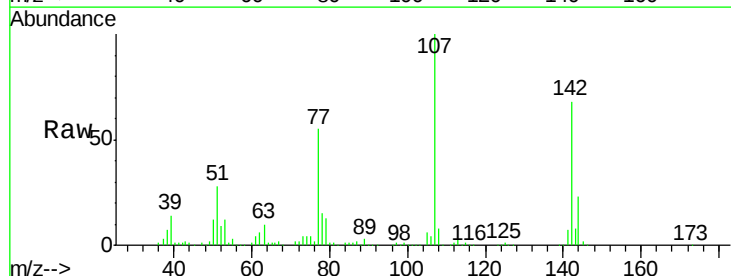
Manual Integrations
 APPROVED

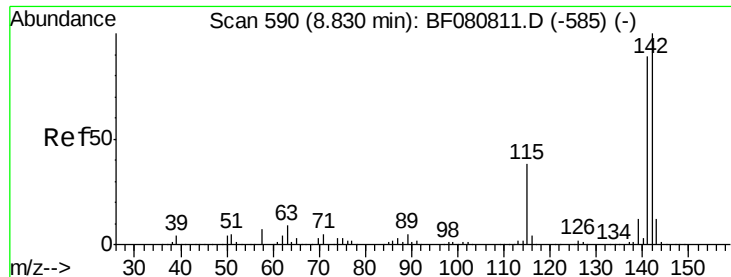
MMDadoda
 8/5/2015 2:29:12 PM



#36
 4-Chloro-3-methylphenol
 Concen: 39.96 ng
 RT: 8.67 min Scan# 576
 Delta R.T. -0.00 min
 Lab File: BF080829.D
 Acq: 4 Aug 2015 7:41

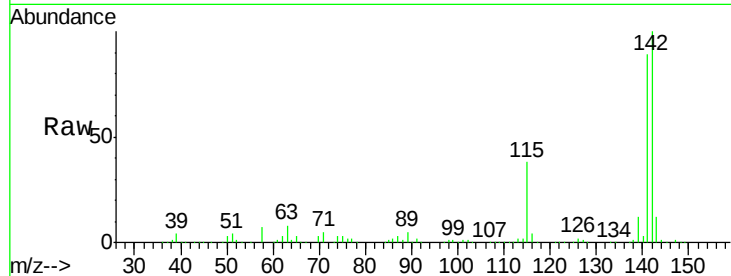
Tgt Ion:107 Resp: 491116
 Ion Ratio Lower Upper
 107 100
 144 22.5 19.0 28.4
 142 67.7 54.9 82.3





#37
 2-Methylnaphthalene
 Concen: 39.29 ng
 RT: 8.83 min Scan# 590
 Delta R.T. -0.00 min
 Lab File: BF080829.D
 Acq: 4 Aug 2015 7:41

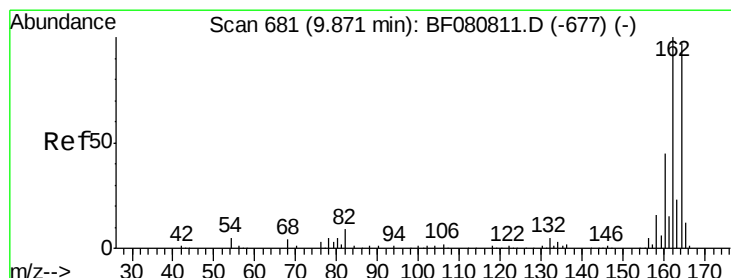
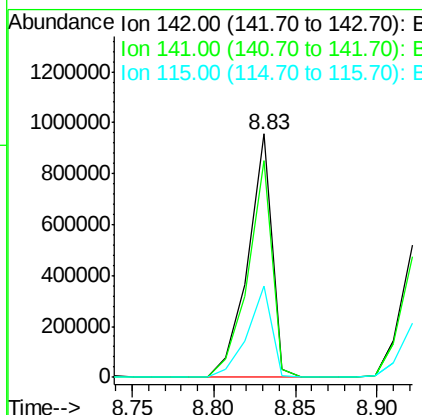
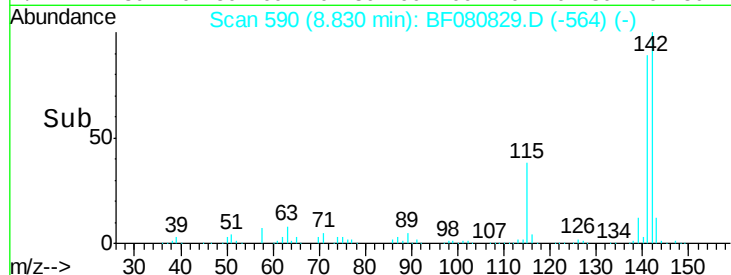
Instrument :
 BNA_F
 ClientSampleId :
 PB84659BS



Tgt Ion:	142	Resp:	980674
Ion Ratio	Lower	Upper	
142	100		
141	89.1	71.3	106.9
115	37.7	30.6	45.8

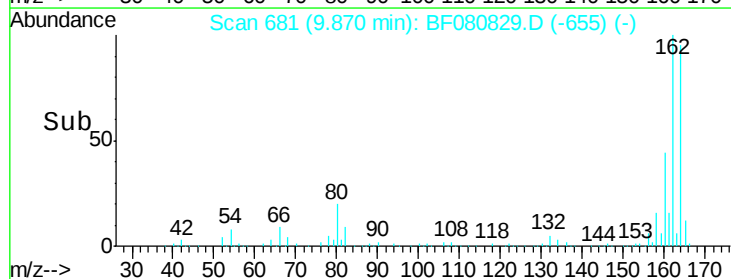
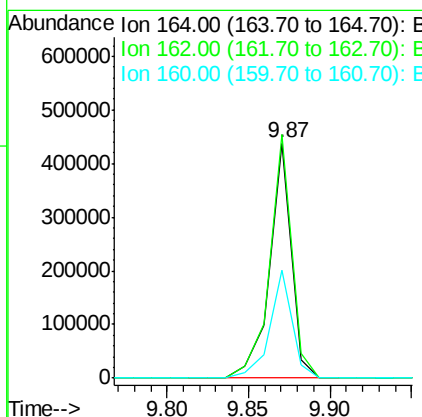
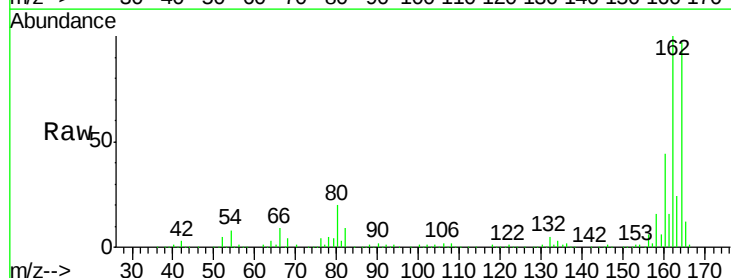
Manual Integrations
 APPROVED

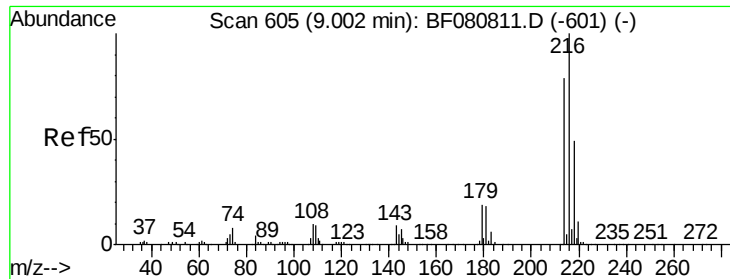
MMDadoda
 8/5/2015 2:29:12 PM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 681
 Delta R.T. -0.00 min
 Lab File: BF080829.D
 Acq: 4 Aug 2015 7:41

Tgt Ion:	164	Resp:	408950
Ion Ratio	Lower	Upper	
164	100		
162	103.5	82.3	123.5
160	45.8	37.3	55.9





#39

1,2,4,5-Tetrachlorobenzene

Concen: 32.65 ng

RT: 9.00 min Scan# 605

Delta R.T. -0.00 min

Lab File: BF080829.D

Acq: 4 Aug 2015 7:41

Instrument :

BNA_F

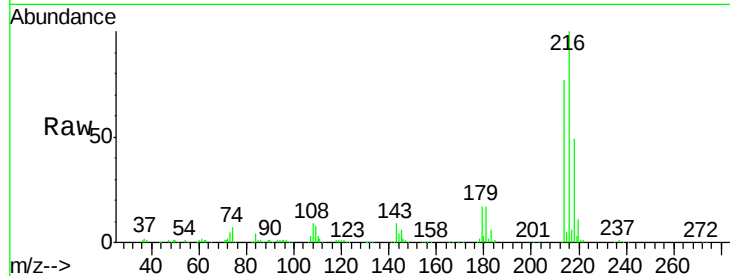
ClientSampleId :

PB84659BS

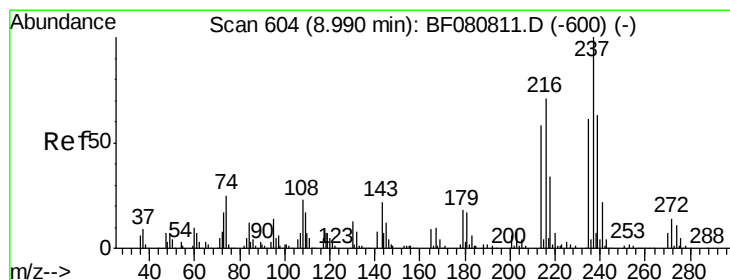
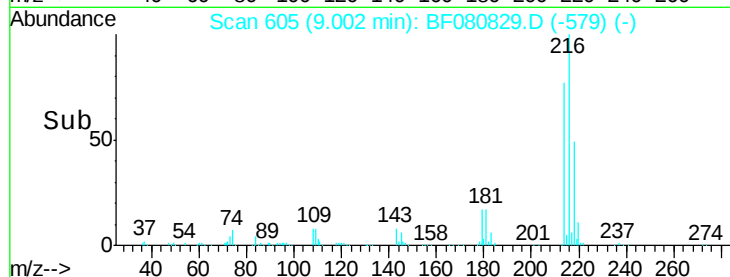
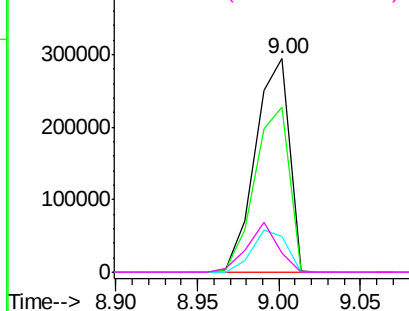
Manual Integrations
APPROVED

MMDadoda
8/5/2015 2:29:12 PM

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	425332		
214	78.6	64.0	96.0	
179	19.9	16.9	25.3	
108	21.1	14.9	22.3	



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



#40

Hexachlorocyclopentadiene

Concen: 71.35 ng

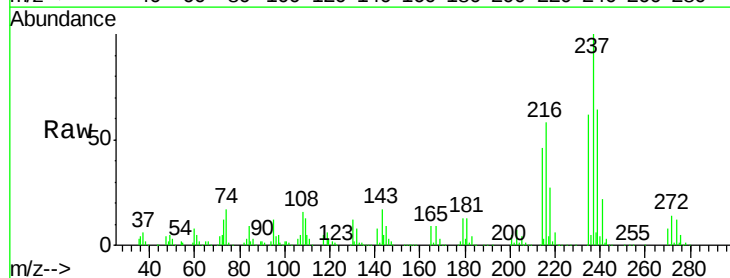
RT: 8.99 min Scan# 604

Delta R.T. -0.00 min

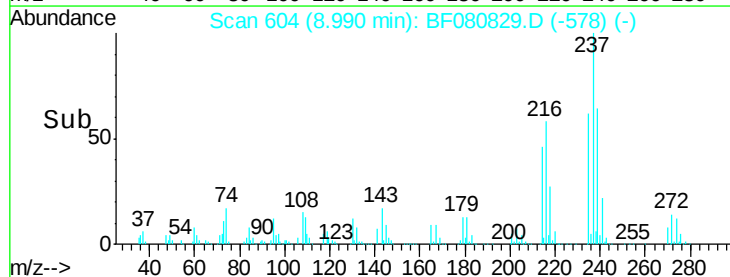
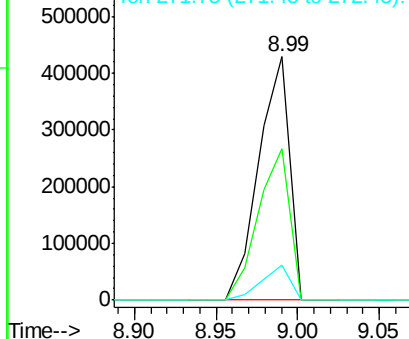
Lab File: BF080829.D

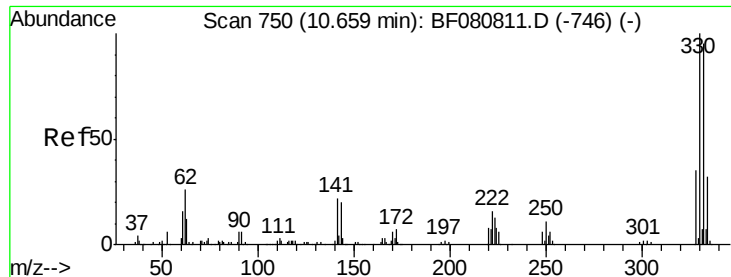
Acq: 4 Aug 2015 7:41

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	565025		
235	62.3	41.5	81.5	
272	14.3	0.0	33.7	



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





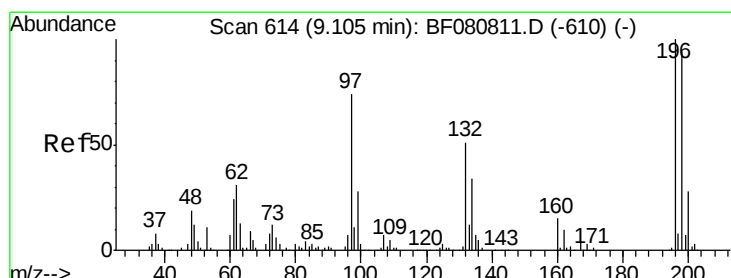
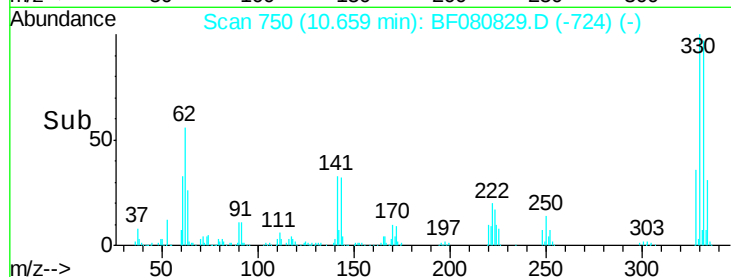
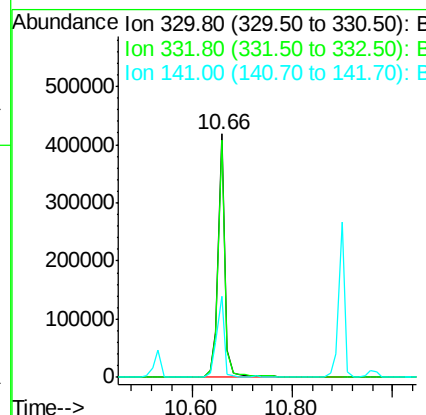
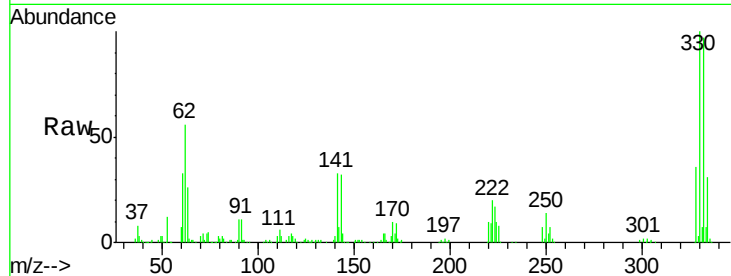
#41
 2,4,6-Tribromophenol
 Concen: 103.90 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.00 min
 Lab File: BF080829.D
 Acq: 4 Aug 2015 7:41

Instrument :
 BNA_F
 ClientSampleId :
 PB84659BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	408726		
332	97.0	76.2	114.4	
141	36.4	25.4	38.0	

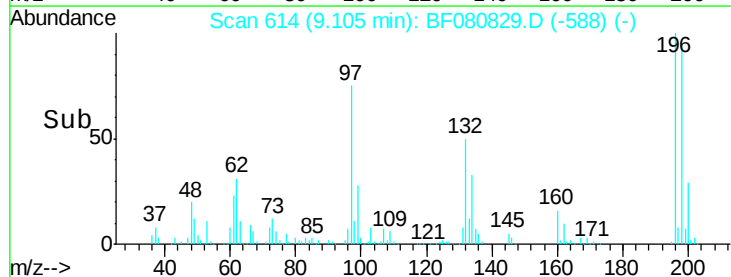
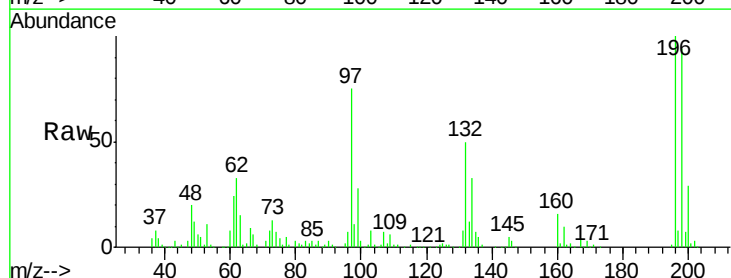
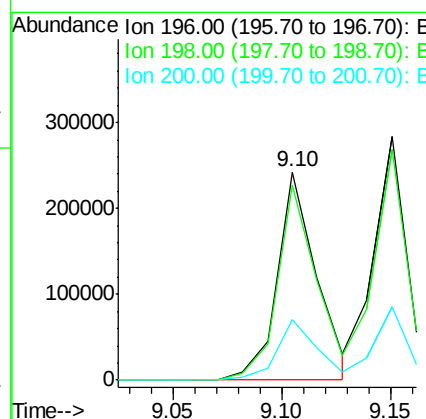
Manual Integrations
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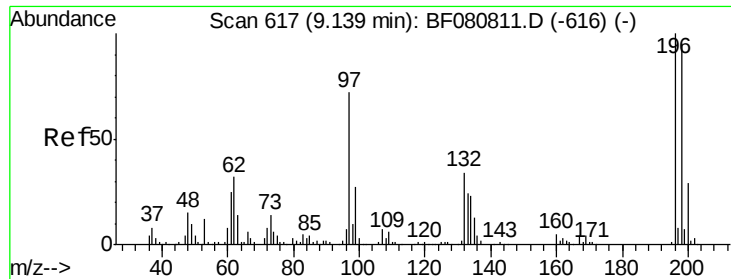
MMDadoda
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#42
 2,4,6-Trichlorophenol
 Concen: 33.27 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.00 min
 Lab File: BF080829.D
 Acq: 4 Aug 2015 7:41

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	306875		
198	94.0	75.3	112.9	
200	29.3	22.7	34.1	





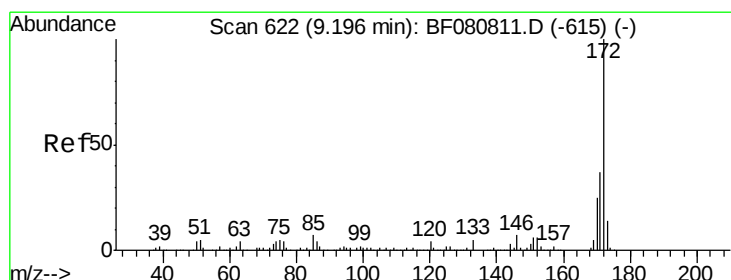
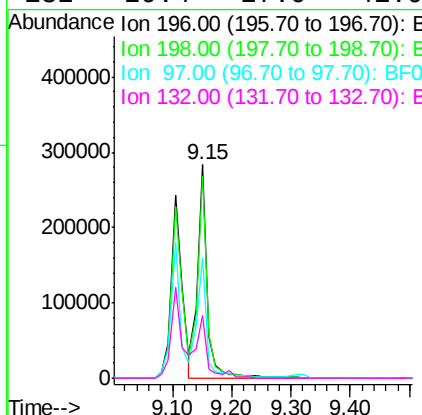
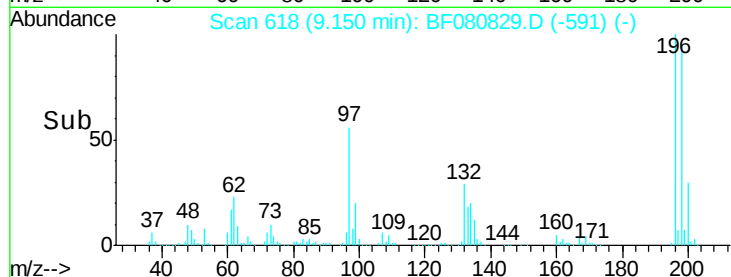
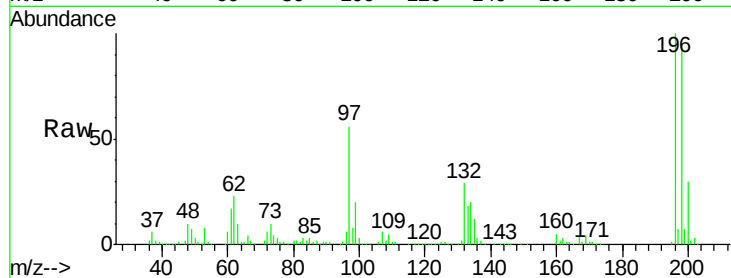
#43
 2,4,5-Trichlorophenol
 Concen: 36.70 ng
 RT: 9.15 min Scan# 618
 Delta R.T. 0.01 min
 Lab File: BF080829.D
 Acq: 4 Aug 2015 7:41

Instrument :
 BNA_F
 ClientSampleId :
 PB84659BS

Manual Integrations
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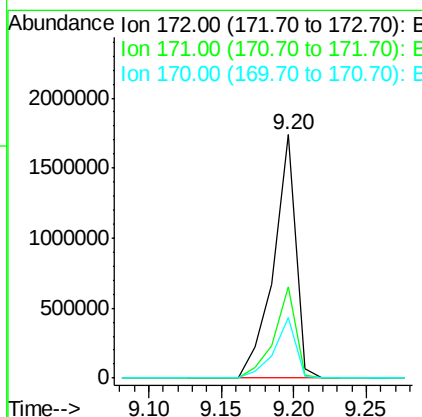
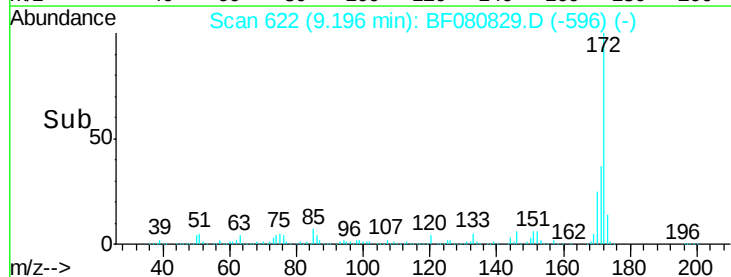
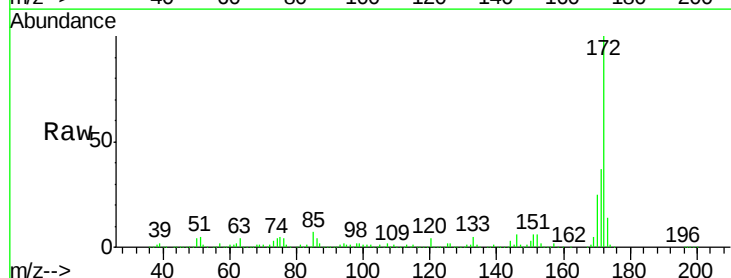
MMDadoda
 8/5/2015 2:29:12 PM

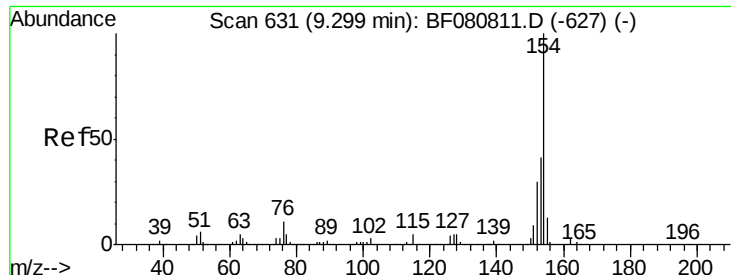
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	332046		
198	94.6	76.3	114.5	
97	56.3	58.8	88.2	
132	29.4	27.9	41.9	



#44
 2-Fluorobiphenyl
 Concen: 68.23 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.00 min
 Lab File: BF080829.D
 Acq: 4 Aug 2015 7:41

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1854681		
171	37.5	30.0	45.0	
170	25.0	20.2	30.4	





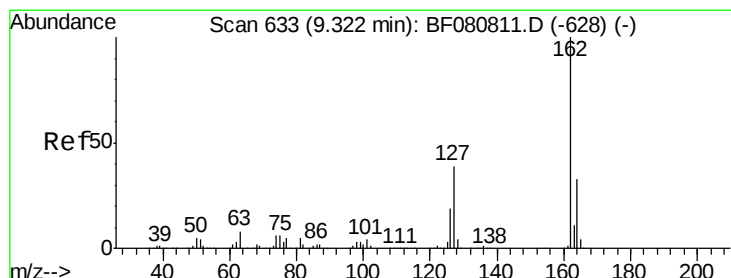
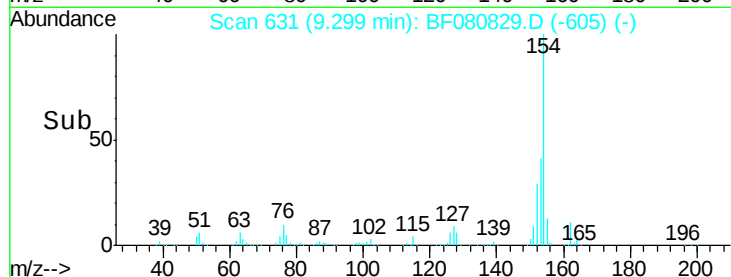
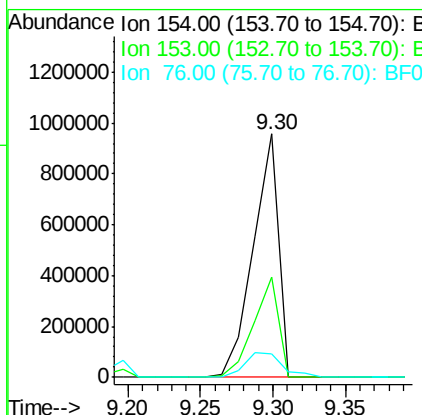
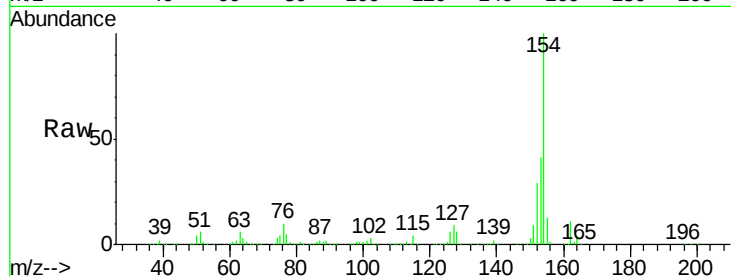
#45
 1,1'-Biphenyl
 Concen: 37.27 ng
 RT: 9.30 min Scan# 631
 Delta R.T. -0.00 min
 Lab File: BF080829.D
 Acq: 4 Aug 2015 7:41

Instrument :
 BNA_F
 ClientSampleId :
 PB84659BS

Tgt Ion:154 Resp: 1153494
 Ion Ratio Lower Upper
 154 100
 153 41.2 21.1 61.1
 76 9.8 0.0 30.5

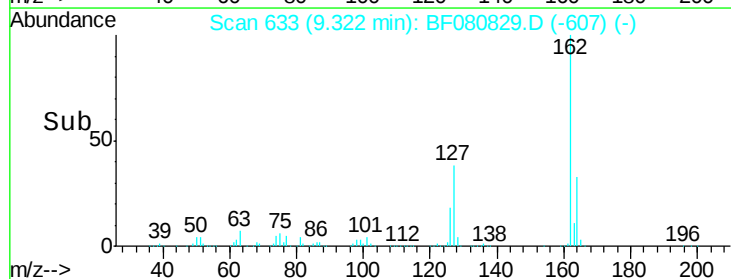
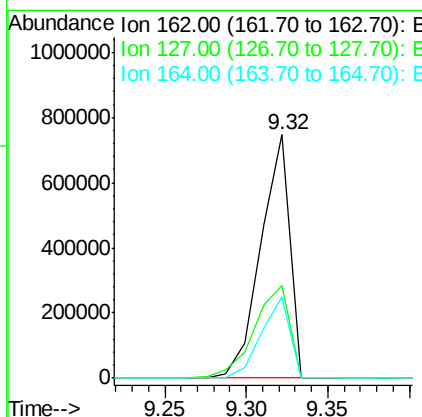
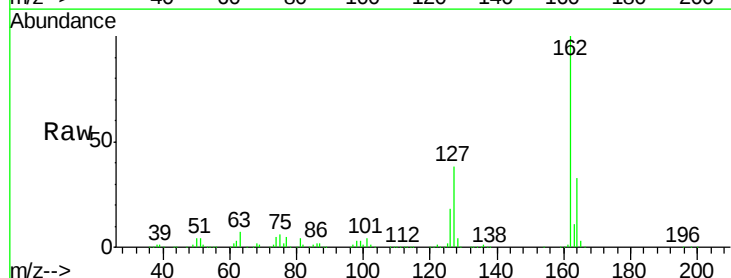
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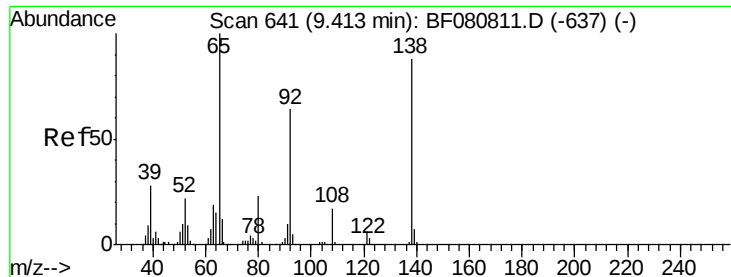
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#46
 2-Chloronaphthalene
 Concen: 35.93 ng
 RT: 9.32 min Scan# 633
 Delta R.T. -0.00 min
 Lab File: BF080829.D
 Acq: 4 Aug 2015 7:41

Tgt Ion:162 Resp: 920409
 Ion Ratio Lower Upper
 162 100
 127 37.9 31.0 46.6
 164 33.2 26.8 40.2





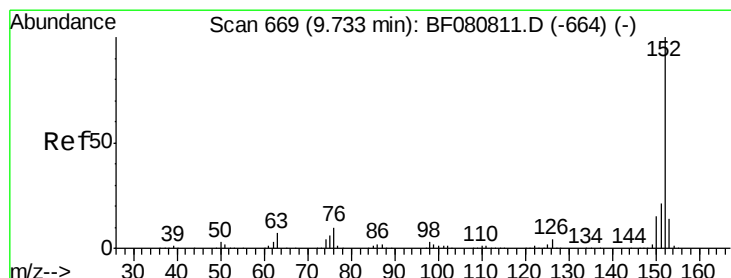
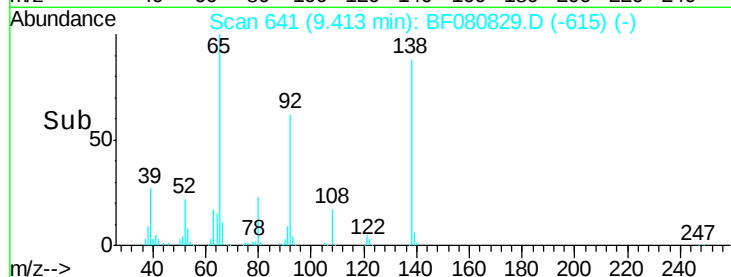
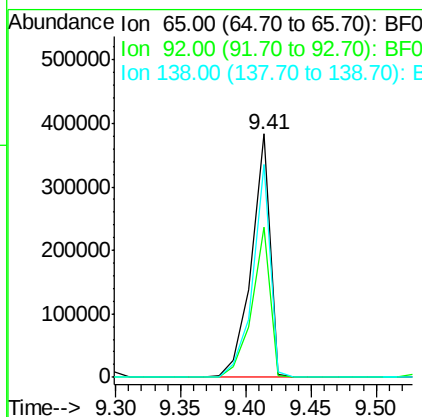
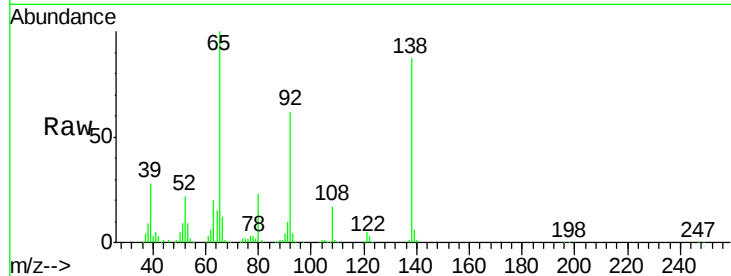
#47
2-Nitroaniline
Concen: 40.30 ng
RT: 9.41 min Scan# 641
Delta R.T. -0.00 min
Lab File: BF080829.D
Acq: 4 Aug 2015 7:41

Instrument :
BNA_F
ClientSampleId :
PB84659BS

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	381981		
92	61.7	50.9	76.3	
138	87.3	70.6	105.8	

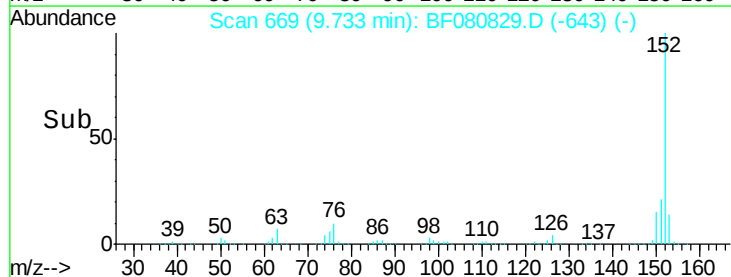
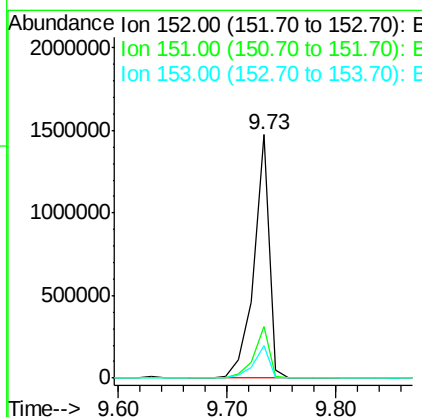
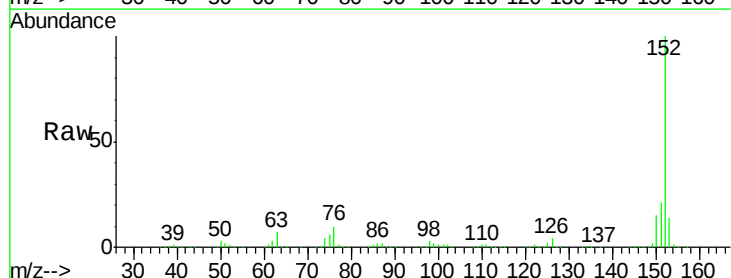
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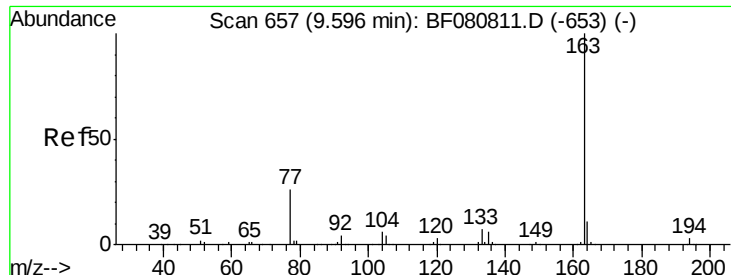
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#48
Acenaphthylene
Concen: 36.01 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.00 min
Lab File: BF080829.D
Acq: 4 Aug 2015 7:41

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	1444231		
151	21.1	16.8	25.2	
153	13.5	11.0	16.4	





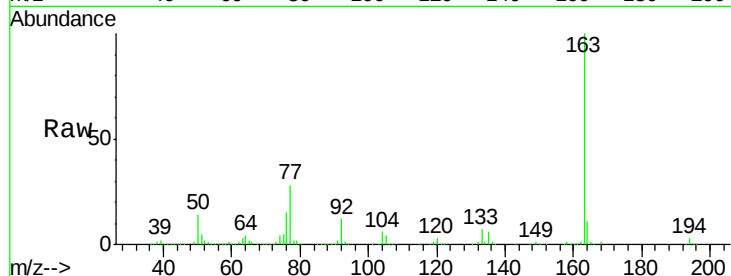
#49
Dimethylphthalate
Concen: 35.47 ng
RT: 9.60 min Scan# 657
Delta R.T. -0.00 min
Lab File: BF080829.D
Acq: 4 Aug 2015 7:41

Instrument :
BNA_F
ClientSampleId :
PB84659BS

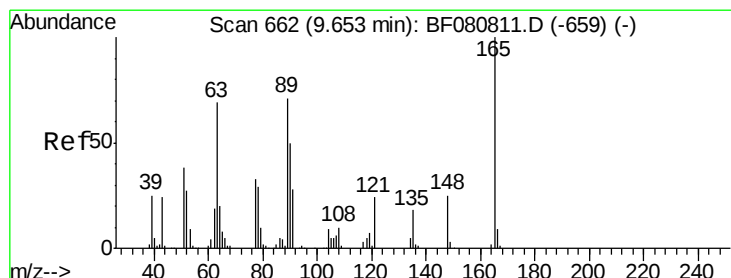
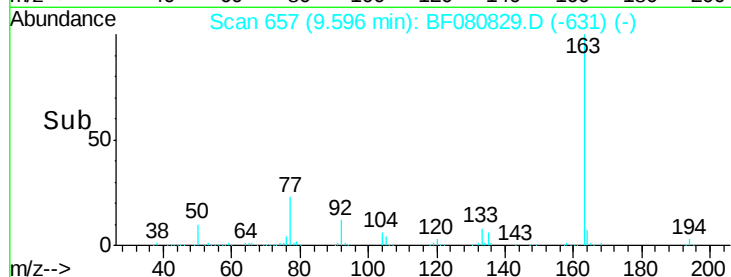
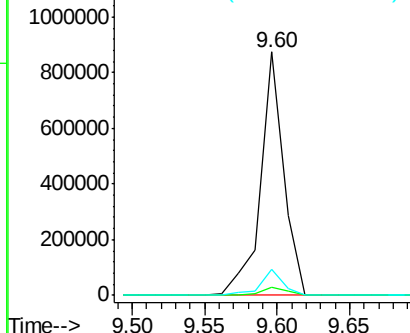
Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.4	2.7	4.1
164	10.7	8.5	12.7

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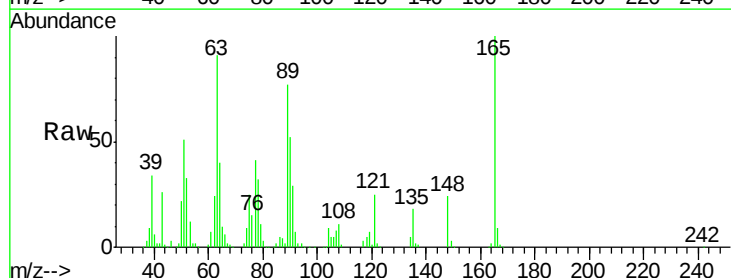


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

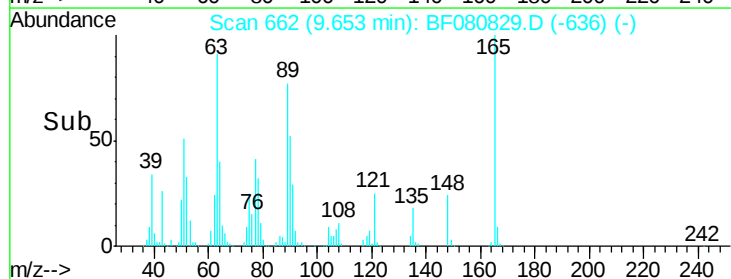
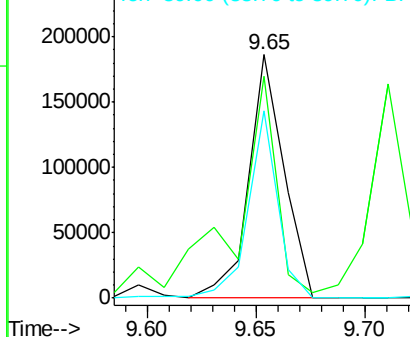


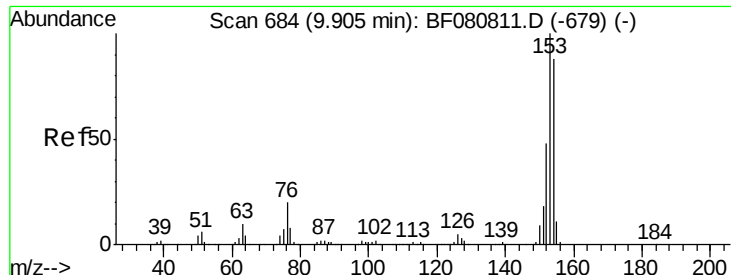
#50
2,6-Dinitrotoluene
Concen: 35.47 ng
RT: 9.65 min Scan# 662
Delta R.T. -0.00 min
Lab File: BF080829.D
Acq: 4 Aug 2015 7:41

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	91.0	68.2	102.4
89	77.0	56.9	85.3



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





#51

Acenaphthene

Concen: 41.23 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.00 min

Lab File: BF080829.D

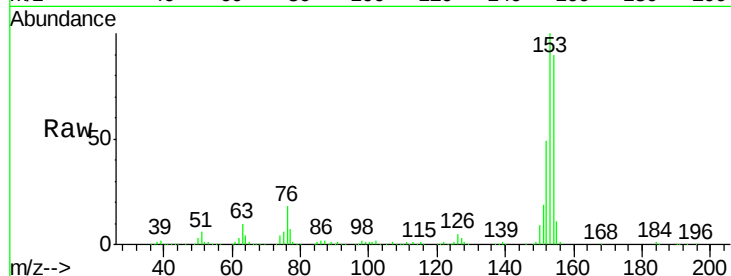
Acq: 4 Aug 2015 7:41

Instrument :

BNA_F

ClientSampleId :

PB84659BS



Tgt Ion:154 Resp: 997573

Ion Ratio Lower Upper

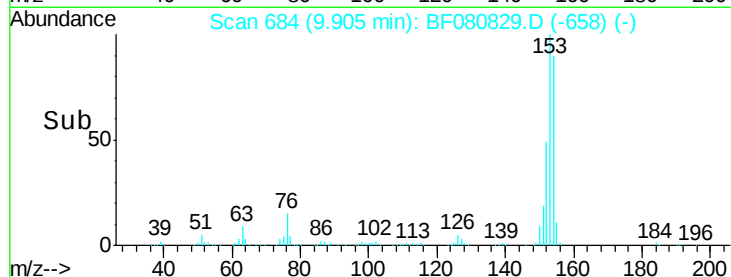
154 100

153 111.1 91.4 137.2

152 54.7 44.1 66.1

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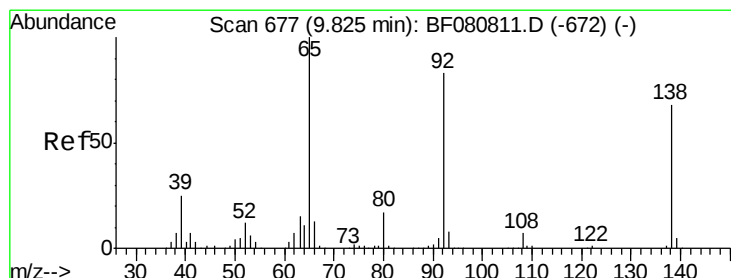
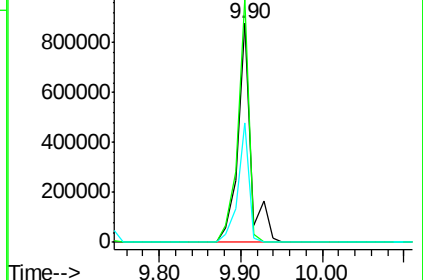
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 21.68 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.00 min

Lab File: BF080829.D

Acq: 4 Aug 2015 7:41

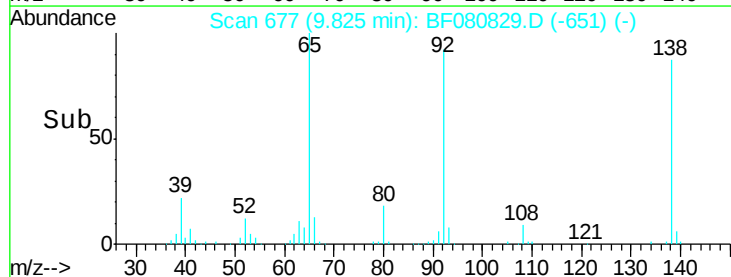
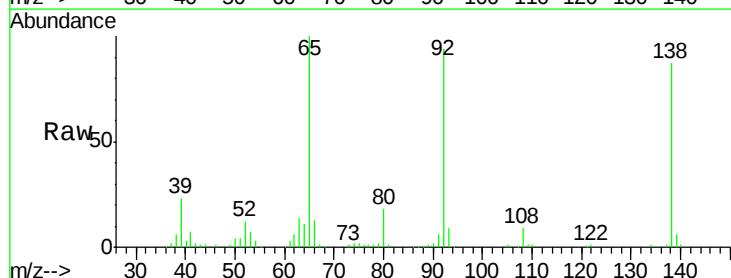
Tgt Ion:138 Resp: 150102

Ion Ratio Lower Upper

138 100

108 9.9 8.6 13.0

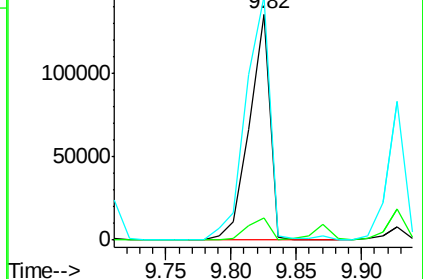
92 107.9 97.4 146.2

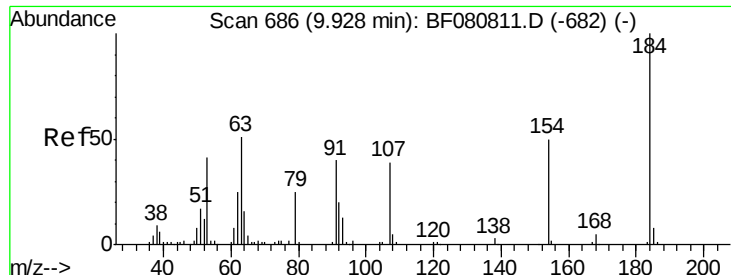


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

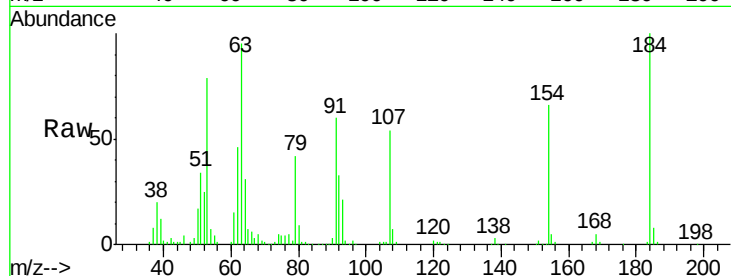
Ion 92.00 (91.70 to 92.70): BF0





#53
 2,4-Dinitrophenol
 Concen: 77.57 ng
 RT: 9.93 min Scan# 686
 Delta R.T. 0.00 min
 Lab File: BF080829.D
 Acq: 4 Aug 2015 7:41

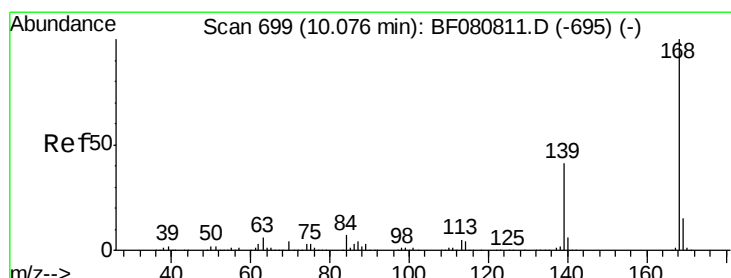
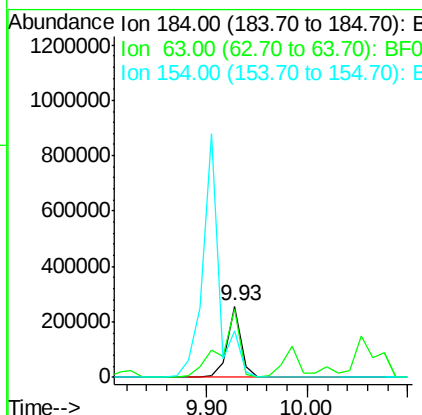
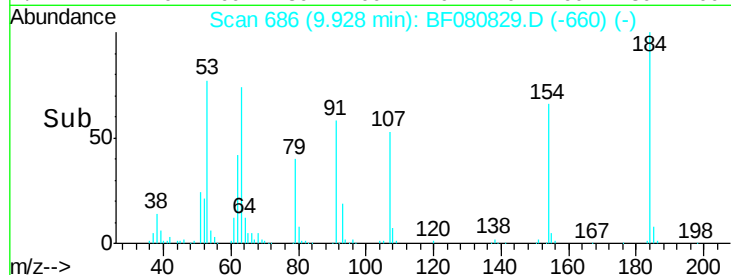
Instrument :
 BNA_F
 ClientSampled :
 PB84659BS



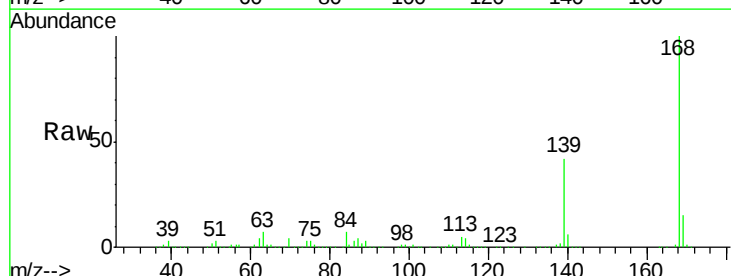
Tgt Ion	Ratio	Resp	Lower	Upper
184	100	249791		
63	95.5	42.2	63.2#	
154	65.7	47.4	71.0	

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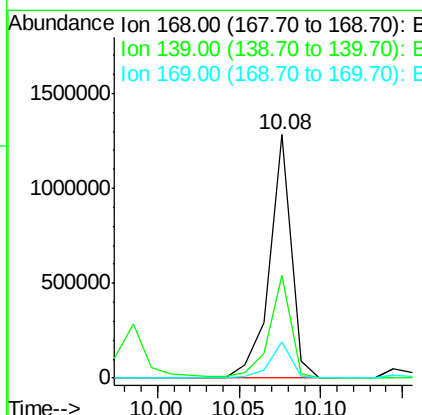
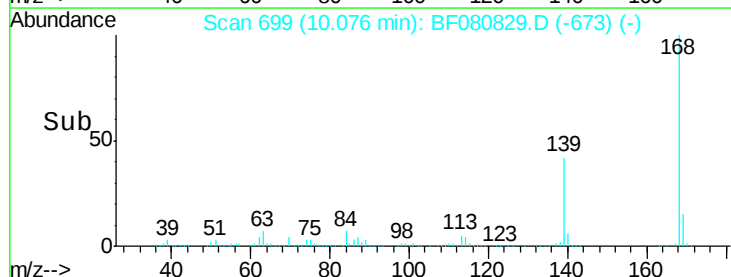
MMDadoda
 8/5/2015 2:29:12 PM

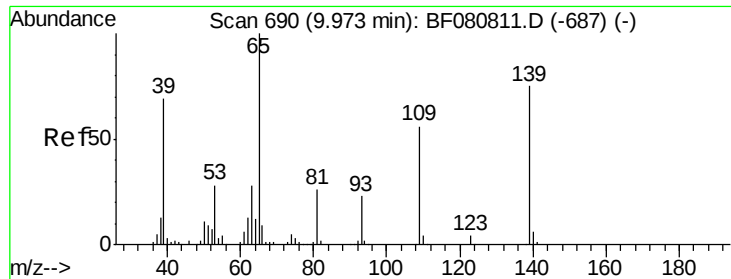


#54
 Dibenzofuran
 Concen: 37.20 ng
 RT: 10.08 min Scan# 699
 Delta R.T. -0.00 min
 Lab File: BF080829.D
 Acq: 4 Aug 2015 7:41



Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1186924		
139	42.1	32.8	49.2	
169	15.0	11.6	17.4	





#55

4-Nitrophenol

Concen: 71.30 ng

RT: 9.98 min Scan# 691

Delta R.T. 0.01 min

Lab File: BF080829.D

Acq: 4 Aug 2015 7:41

Instrument :

BNA_F

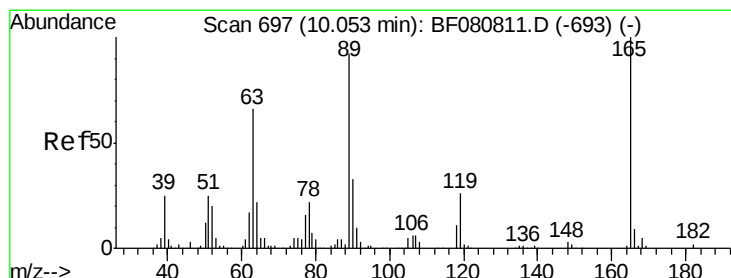
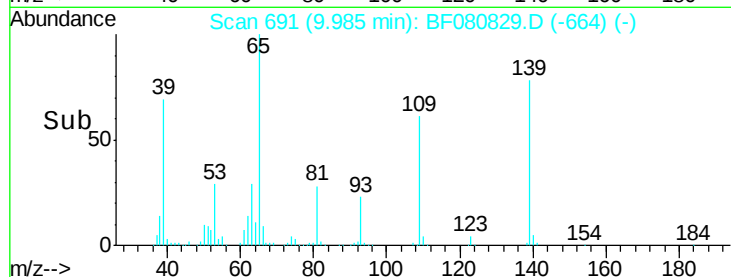
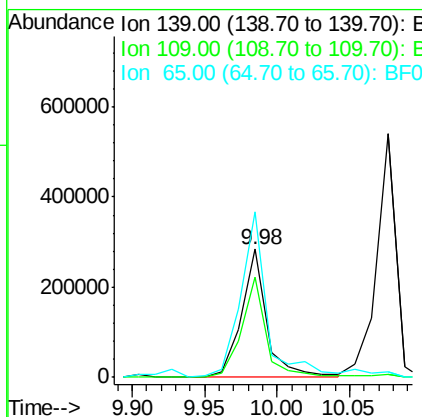
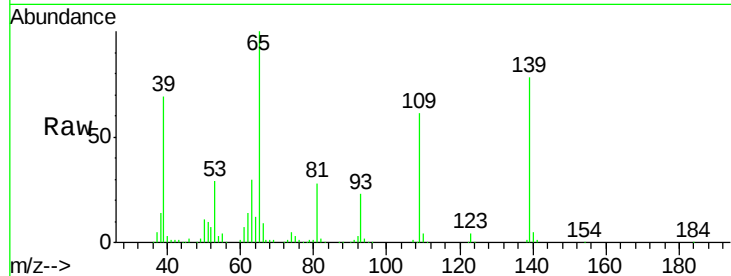
ClientSampleId :

PB84659BS

Manual Integrations
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Tgt Ion	Ratio	Resp	Lower	Upper
139	100	346318		
109	78.3	55.1	95.1	
65	128.8	113.9	153.9	



#56

2,4-Dinitrotoluene

Concen: 39.02 ng

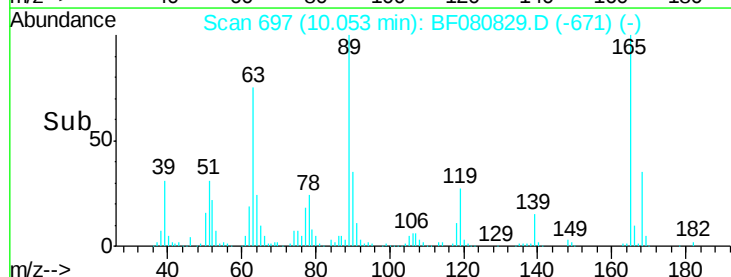
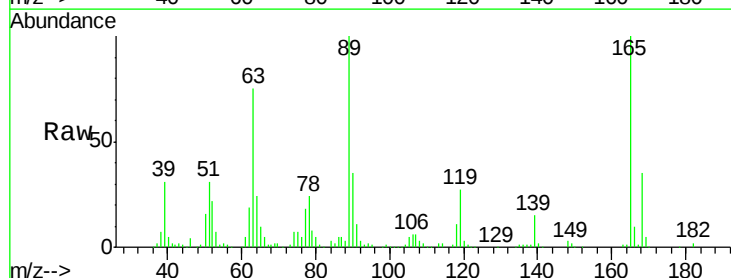
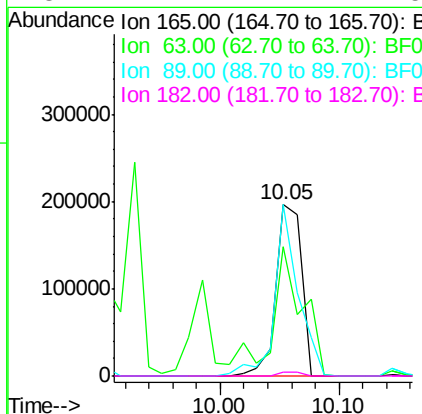
RT: 10.05 min Scan# 697

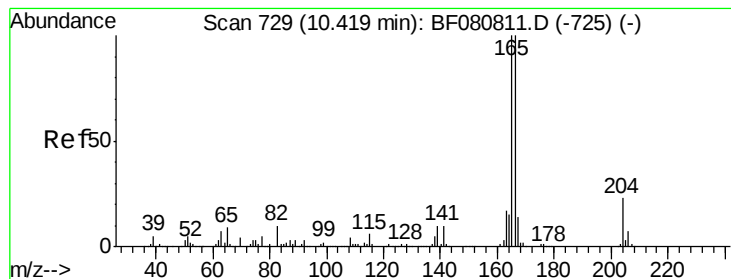
Delta R.T. -0.00 min

Lab File: BF080829.D

Acq: 4 Aug 2015 7:41

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	290495		
63	75.2	53.3	79.9	
89	100.5	73.5	110.3	
182	2.1	1.7	2.5	





#57

Fluorene

Concen: 38.16 ng

RT: 10.42 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF080829.D

Acq: 4 Aug 2015 7:41

Instrument :

BNA_F

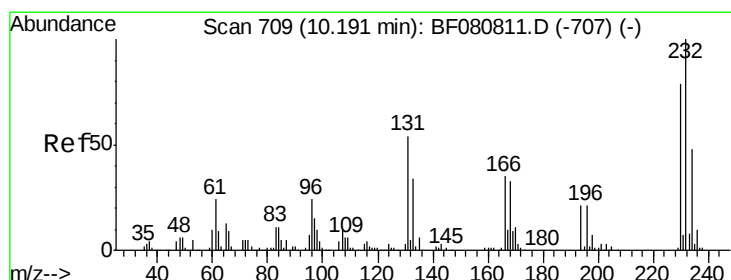
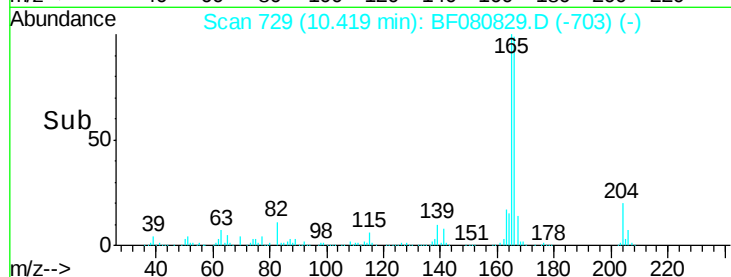
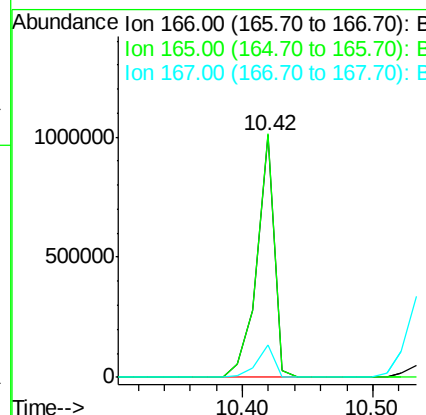
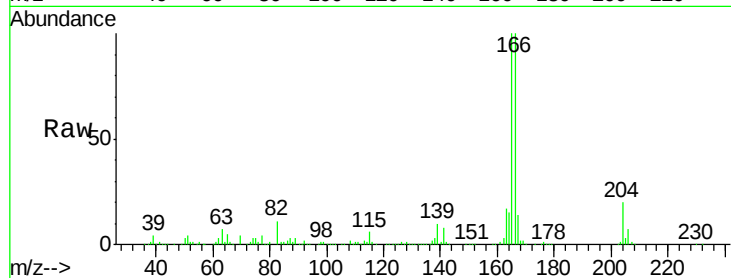
ClientSampleId :

PB84659BS

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Tgt Ion	Ratio	Resp	Lower	Upper
166	100	945735		
165	100.5	79.9	119.9	
167	13.6	10.8	16.2	



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.57 ng

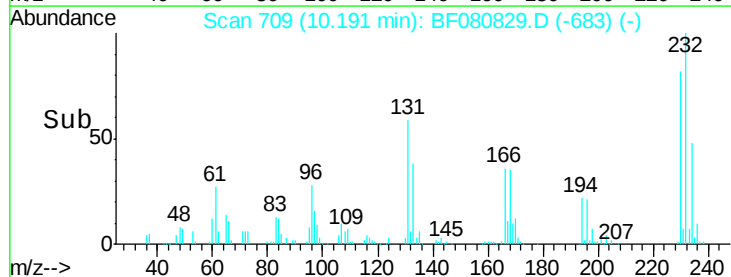
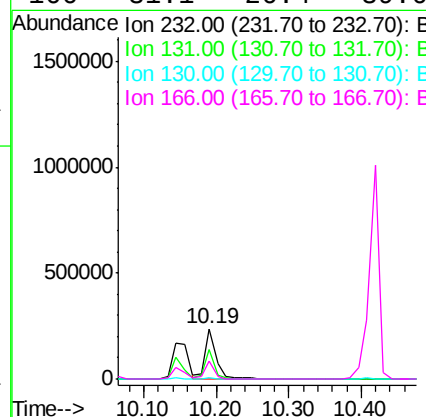
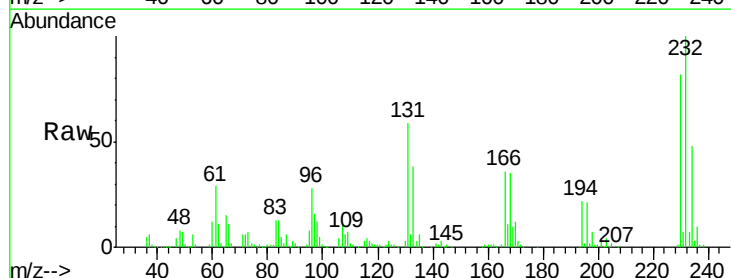
RT: 10.19 min Scan# 709

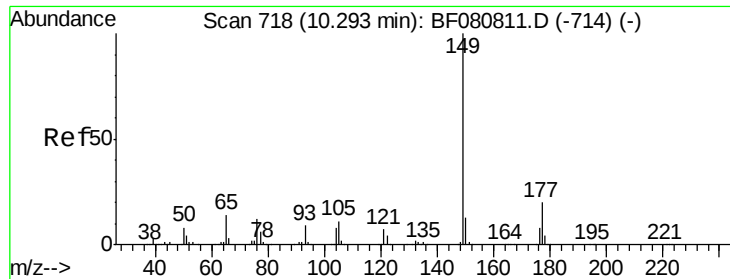
Delta R.T. -0.00 min

Lab File: BF080829.D

Acq: 4 Aug 2015 7:41

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	249950		
131	51.9	41.9	62.9	
130	2.6	2.0	3.0	
166	31.1	26.4	39.6	





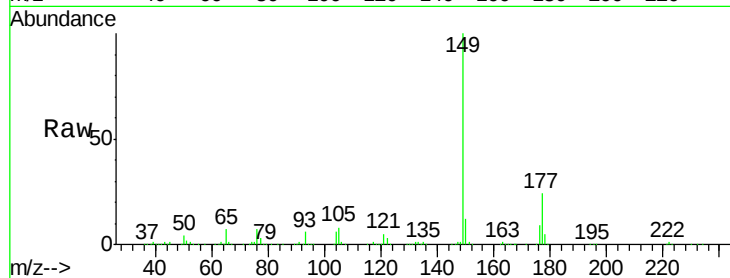
#59
Diethylphthalate
Concen: 39.10 ng
RT: 10.30 min Scan# 719
Delta R.T. 0.01 min
Lab File: BF080829.D
Acq: 4 Aug 2015 7:41

Instrument :
BNA_F
ClientSampleId :
PB84659BS

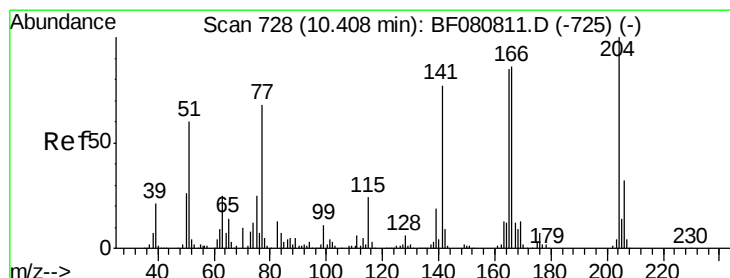
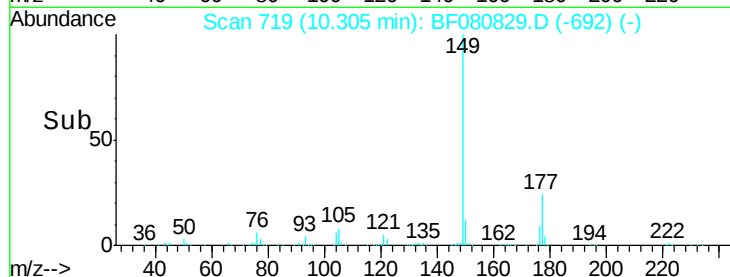
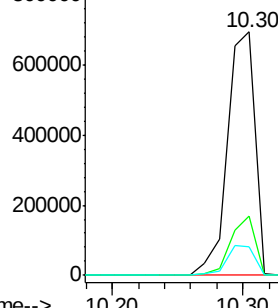
Tgt Ion:149 Resp: 1024315
Ion Ratio Lower Upper
149 100
177 24.2 16.2 24.2
150 11.9 10.6 15.8

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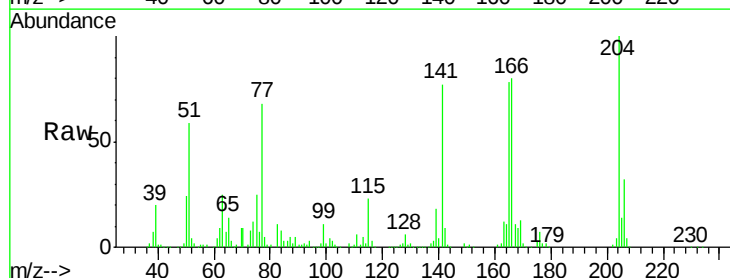


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

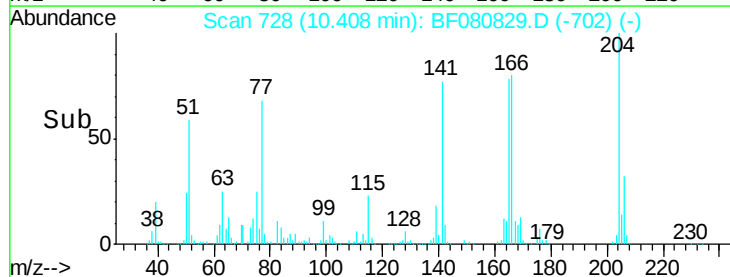
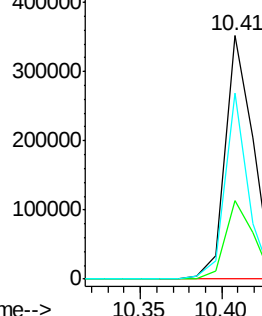


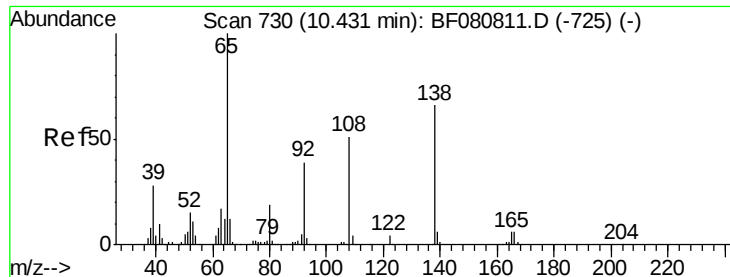
#60
4-Chlorophenyl-phenylether
Concen: 33.21 ng
RT: 10.41 min Scan# 728
Delta R.T. -0.00 min
Lab File: BF080829.D
Acq: 4 Aug 2015 7:41

Tgt Ion:204 Resp: 406874
Ion Ratio Lower Upper
204 100
206 32.1 25.6 38.4
141 76.6 61.2 91.8



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 35.88 ng

RT: 10.44 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF080829.D

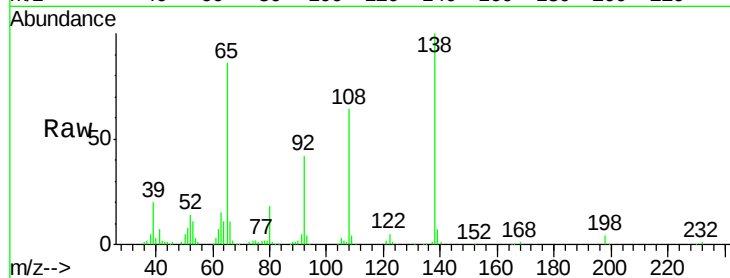
Acq: 4 Aug 2015 7:41

Instrument :

BNA_F

ClientSampleId :

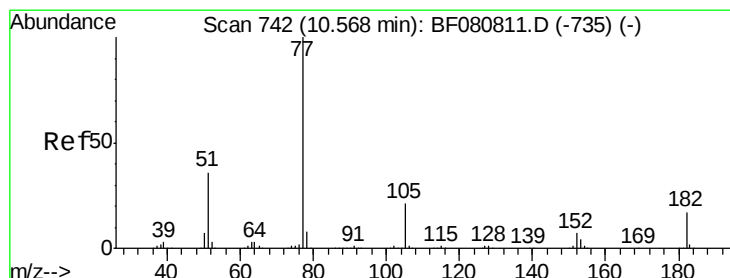
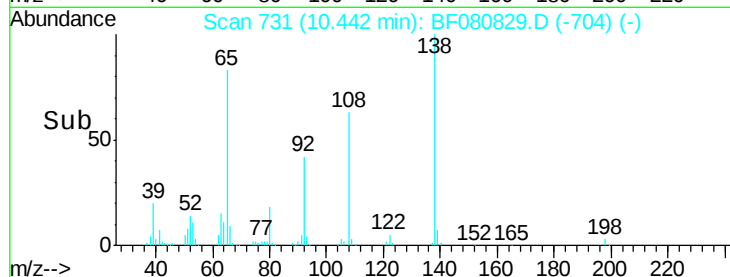
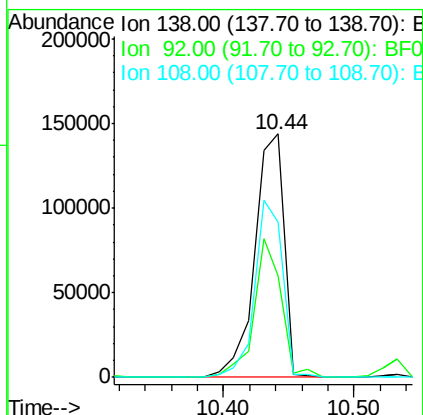
PB84659BS



Tgt Ion:	138	Resp:	225761
Ion Ratio	Lower	Upper	
138	100		
92	41.5	38.7	78.7
108	63.6	56.8	96.8

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#62

Azobenzene

Concen: 37.60 ng

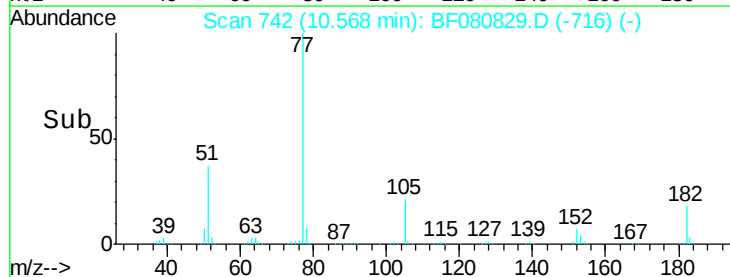
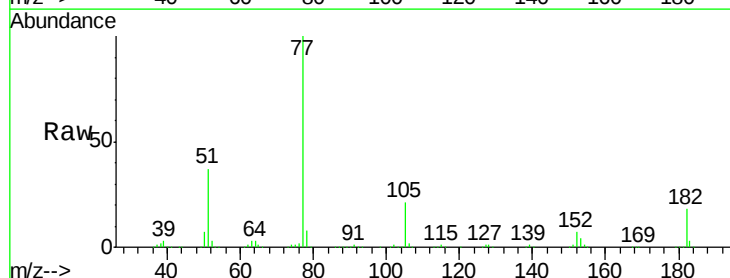
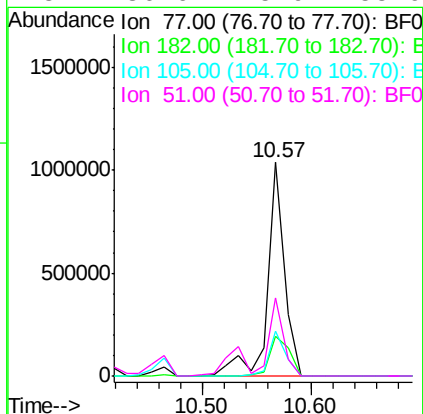
RT: 10.57 min Scan# 742

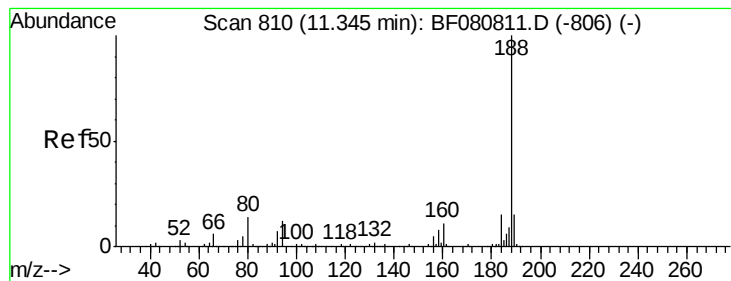
Delta R.T. -0.00 min

Lab File: BF080829.D

Acq: 4 Aug 2015 7:41

Tgt Ion:	77	Resp:	1140225
Ion Ratio	Lower	Upper	
77	100		
182	18.3	0.0	37.4
105	21.1	0.9	40.9
51	36.6	15.9	55.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.34 min Scan# 810

Delta R.T. -0.00 min

Lab File: BF080829.D

Acq: 4 Aug 2015 7:41

Instrument :

BNA_F

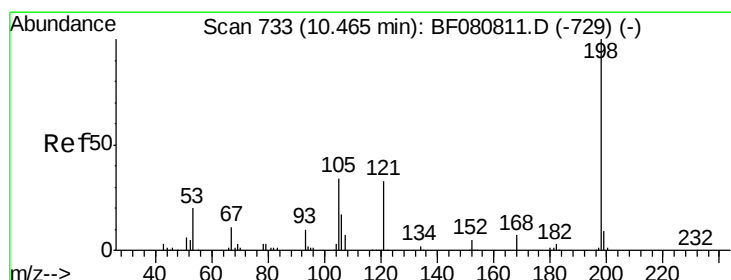
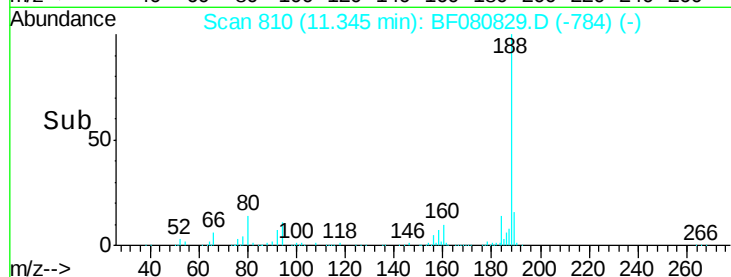
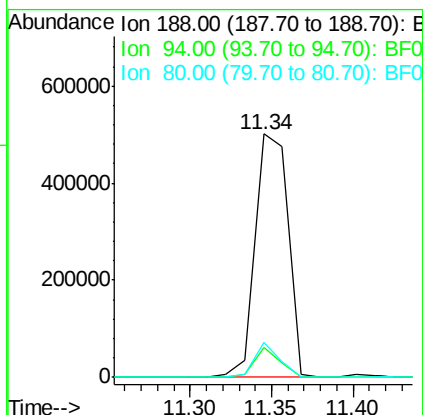
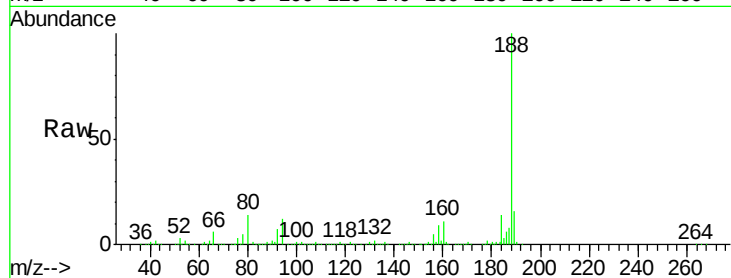
ClientSampleId :

PB84659BS

Tgt Ion:	188	Resp:	702604
Ion Ratio	Lower	Upper	
188	100		
94	12.5	9.7	14.5
80	14.2	11.2	16.8

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#64

4,6-Dinitro-2-methylphenol

Concen: 39.62 ng

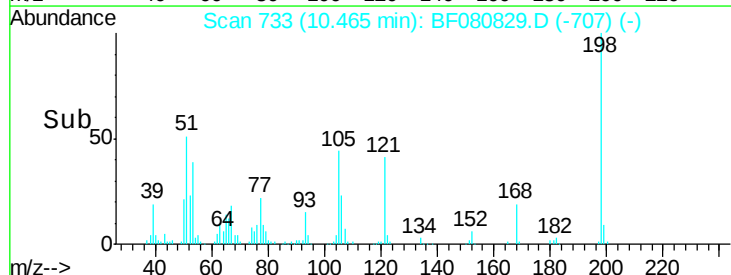
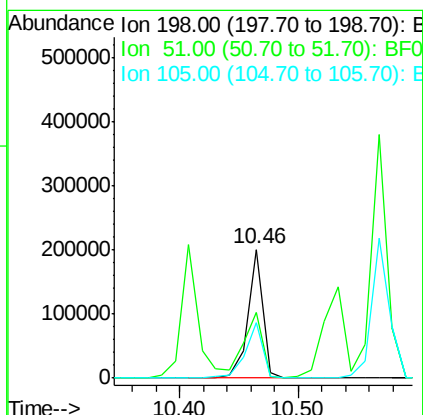
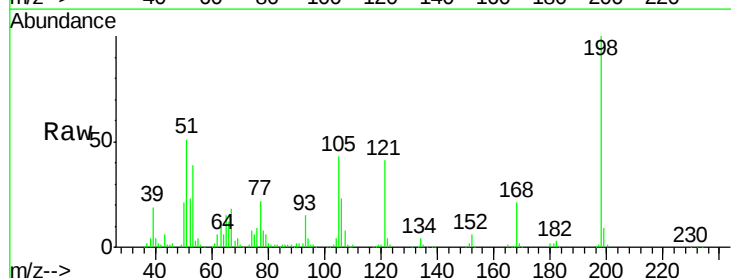
RT: 10.46 min Scan# 733

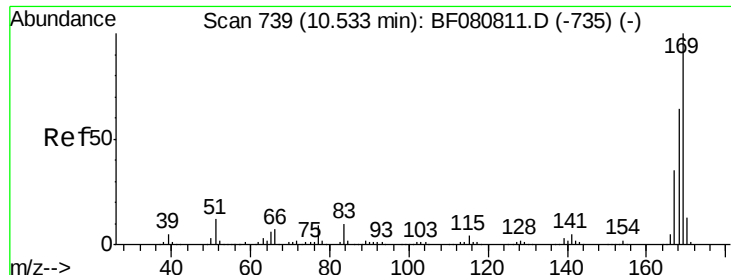
Delta R.T. 0.00 min

Lab File: BF080829.D

Acq: 4 Aug 2015 7:41

Tgt Ion:	198	Resp:	180653
Ion Ratio	Lower	Upper	
198	100		
51	50.9	13.9	53.9
105	43.5	14.1	54.1





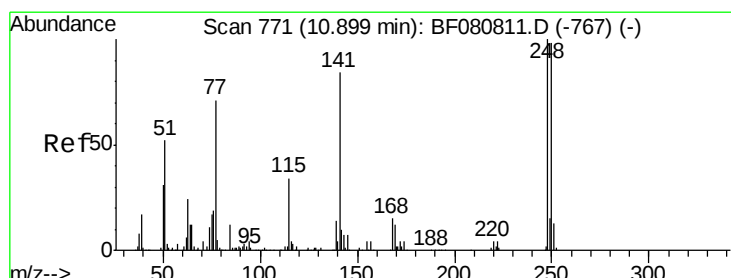
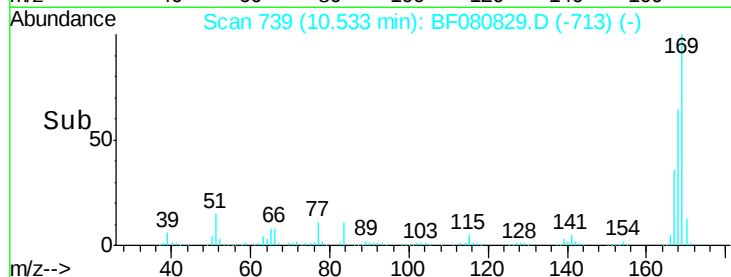
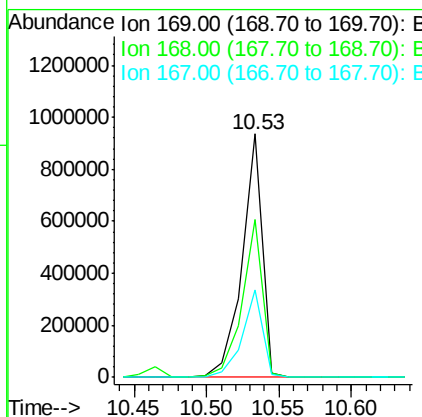
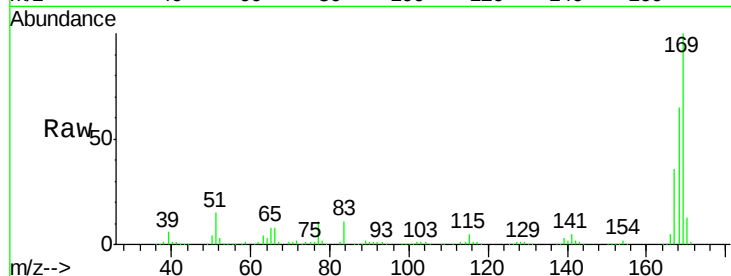
#65
 n-Nitrosodiphenylamine
 Concen: 36.92 ng
 RT: 10.53 min Scan# 739
 Delta R.T. -0.00 min
 Lab File: BF080829.D
 Acq: 4 Aug 2015 7:41

Instrument :
 BNA_F
 ClientSampleId :
 PB84659BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
169	100		
168	64.6	50.9	76.3
167	36.0	27.7	41.5

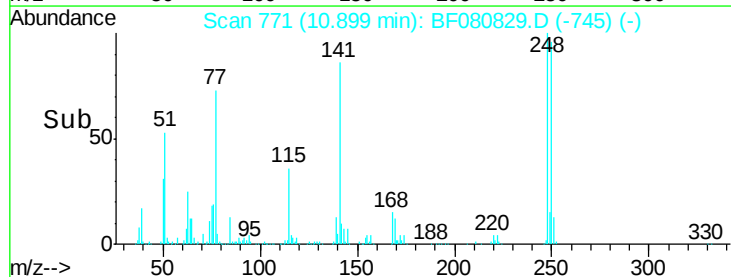
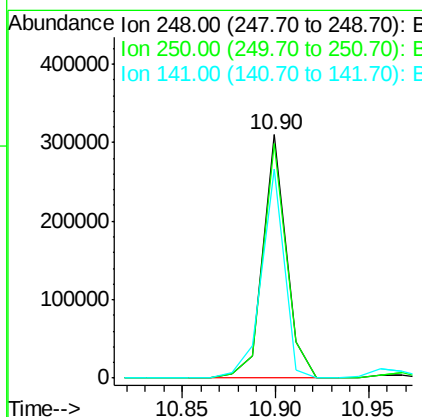
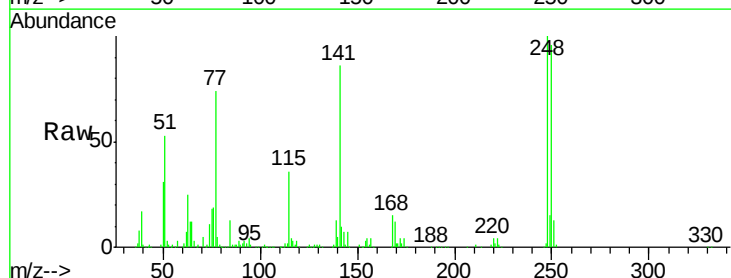
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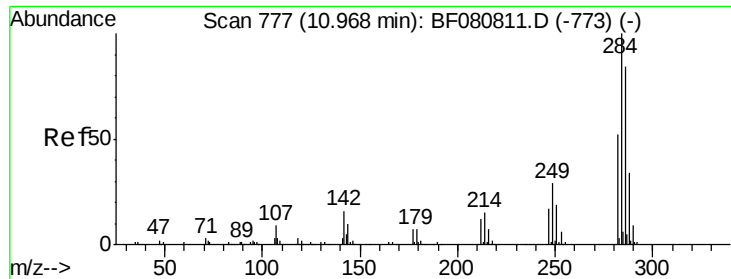
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#66
 4-Bromophenyl-phenylether
 Concen: 34.67 ng
 RT: 10.90 min Scan# 771
 Delta R.T. -0.00 min
 Lab File: BF080829.D
 Acq: 4 Aug 2015 7:41

Tgt Ion	Ratio	Resp Lower	Resp Upper
248	100		
250	96.2	78.4	117.6
141	85.8	67.3	100.9





#67

Hexachlorobenzene

Concen: 37.95 ng

RT: 10.97 min Scan# 777

Delta R.T. -0.00 min

Lab File: BF080829.D

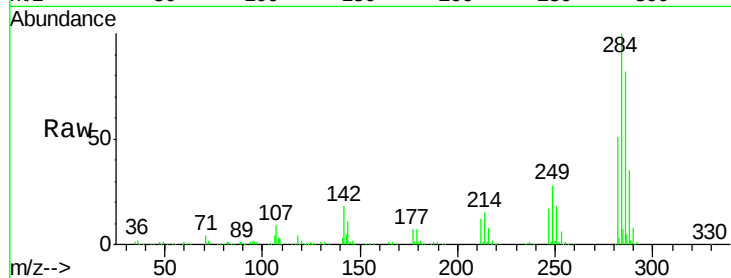
Acq: 4 Aug 2015 7:41

Instrument :

BNA_F

ClientSampleId :

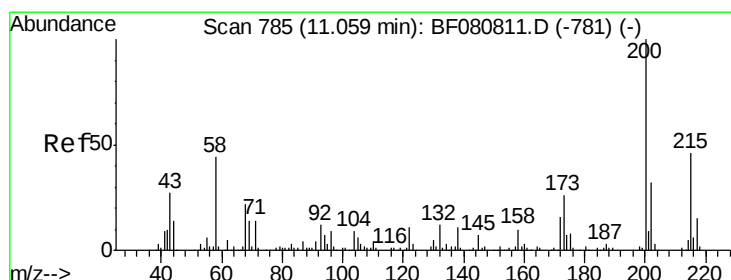
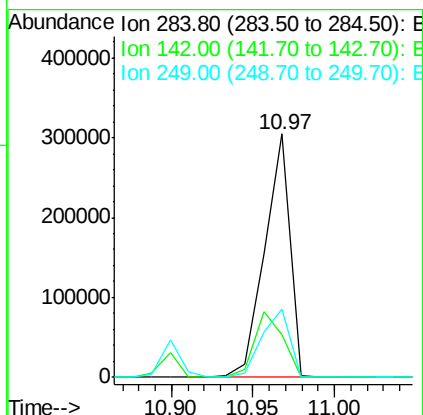
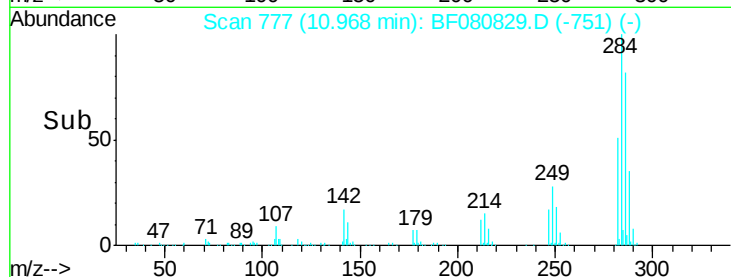
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Tgt Ion	Ratio	Resp	Lower	Upper
284	100	330091		
142	17.6	13.0	19.4	
249	28.2	22.9	34.3	

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#68

Atrazine

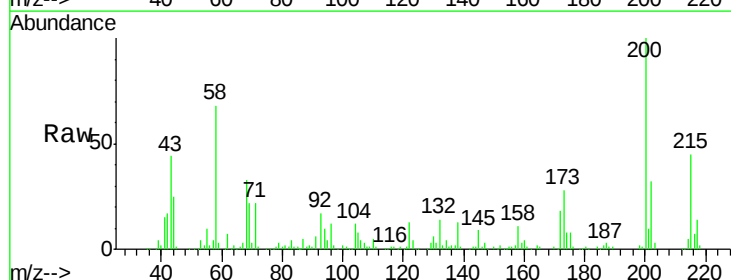
Concen: 42.71 ng

RT: 11.06 min Scan# 785

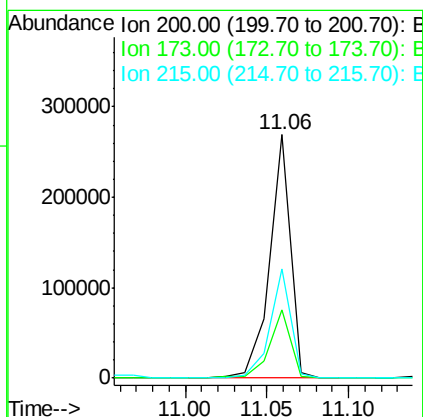
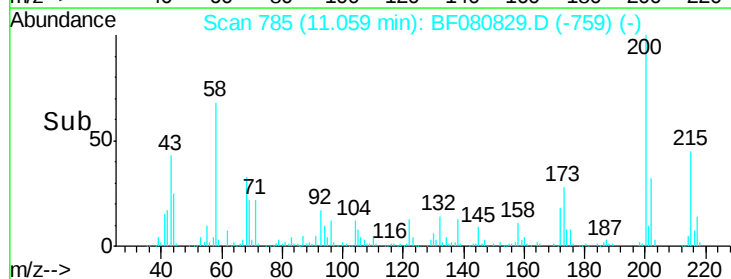
Delta R.T. -0.00 min

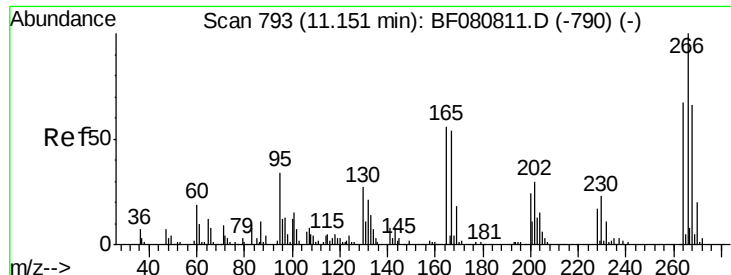
Lab File: BF080829.D

Acq: 4 Aug 2015 7:41



Tgt Ion	Ratio	Resp	Lower	Upper
200	100	239878		
173	28.1	6.0	46.0	
215	44.9	26.4	66.4	





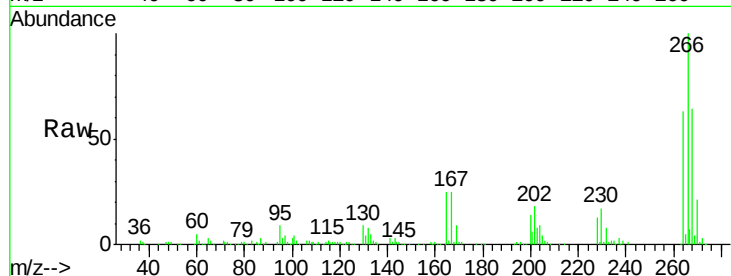
#69
 Pentachlorophenol
 Concen: 80.14 ng
 RT: 11.16 min Scan# 794
 Delta R.T. 0.01 min
 Lab File: BF080829.D
 Acq: 4 Aug 2015 7:41

Instrument :
 BNA_F
 ClientSampleId :
 PB84659BS

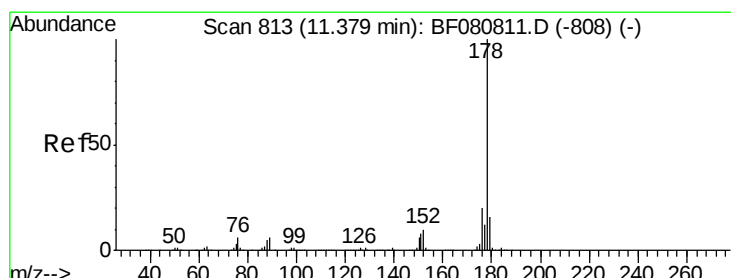
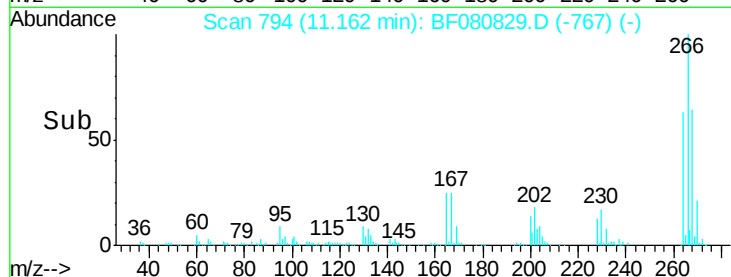
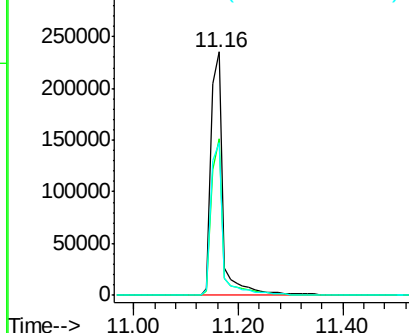
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	374934		
268	64.4	52.7	79.1	
264	62.8	53.4	80.0	

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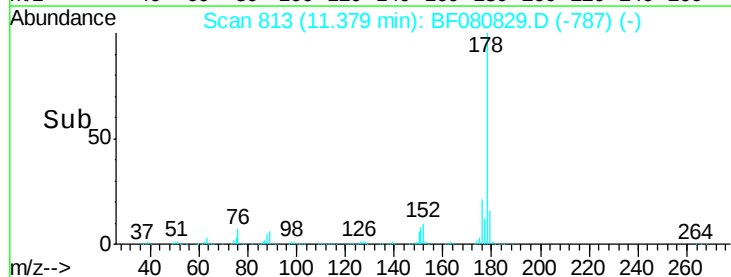
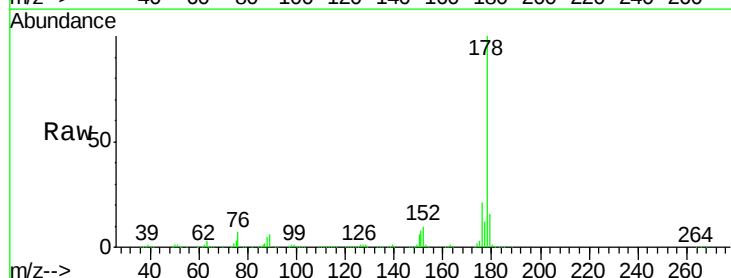
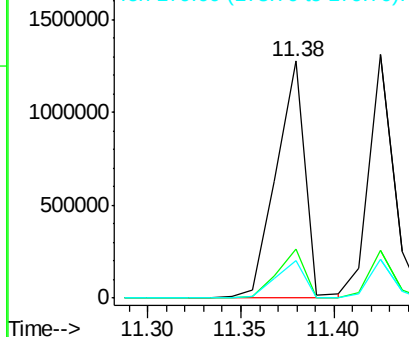
Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

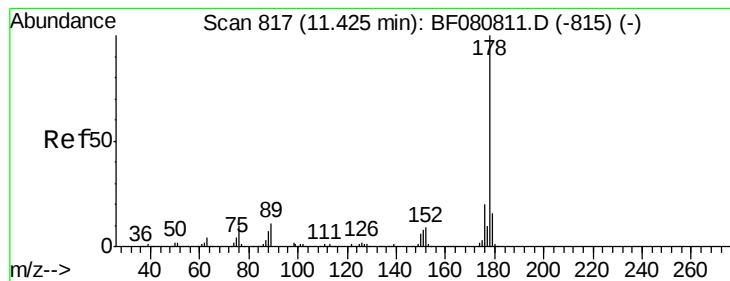


#70
 Phenanthrene
 Concen: 37.46 ng
 RT: 11.38 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BF080829.D
 Acq: 4 Aug 2015 7:41

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1369570		
176	20.6	16.3	24.5	
179	15.8	12.6	19.0	

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: 32.79 ng

RT: 11.42 min Scan# 817

Delta R.T. -0.00 min

Lab File: BF080829.D

Acq: 4 Aug 2015 7:41

Instrument :

BNA_F

ClientSampleId :

PB84659BS

Tgt Ion:178 Resp: 1189092

Ion Ratio Lower Upper

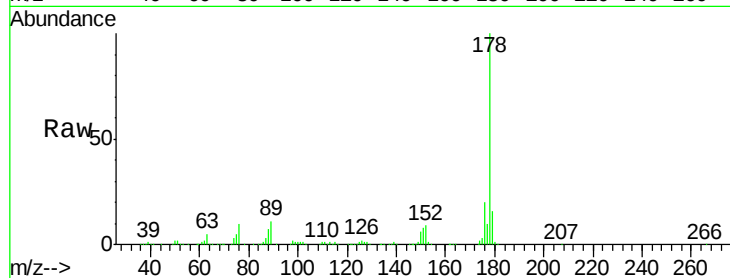
178 100

176 19.6 15.8 23.8

179 15.9 13.0 19.4

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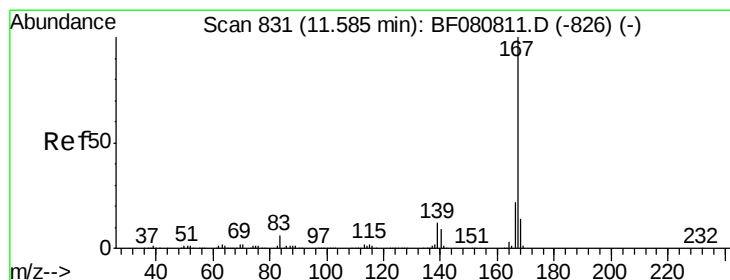
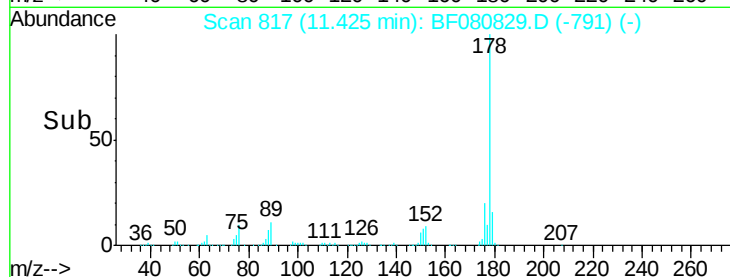
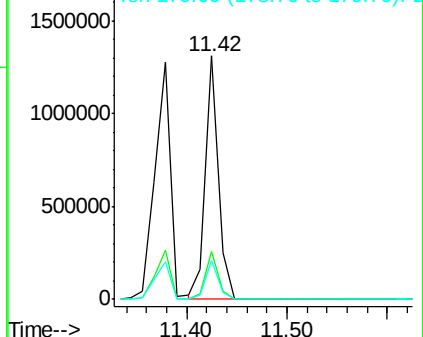
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 37.31 ng

RT: 11.58 min Scan# 831

Delta R.T. -0.00 min

Lab File: BF080829.D

Acq: 4 Aug 2015 7:41

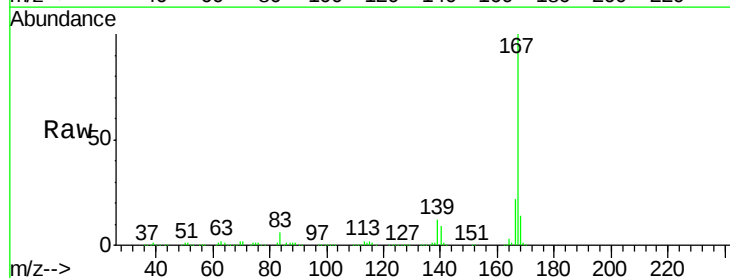
Tgt Ion:167 Resp: 1157318

Ion Ratio Lower Upper

167 100

166 22.1 18.0 27.0

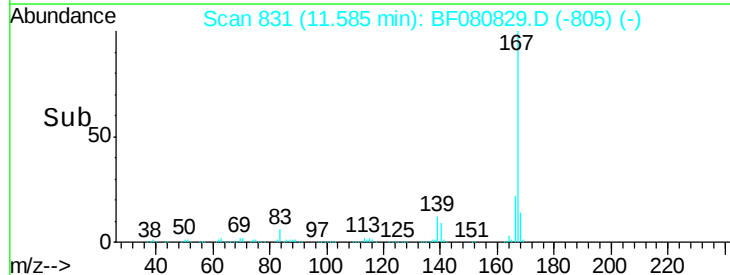
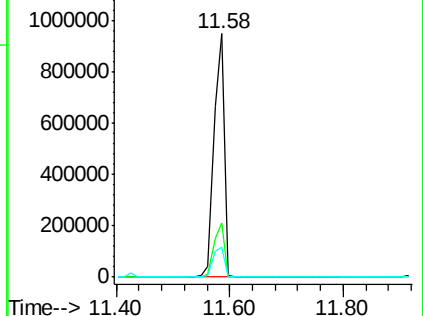
139 12.1 9.6 14.4

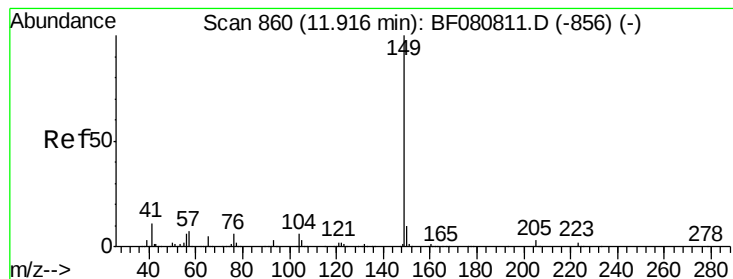


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 36.57 ng

RT: 11.92 min Scan# 860

Delta R.T. -0.00 min

Lab File: BF080829.D

Acq: 4 Aug 2015 7:41

Instrument :

BNA_F

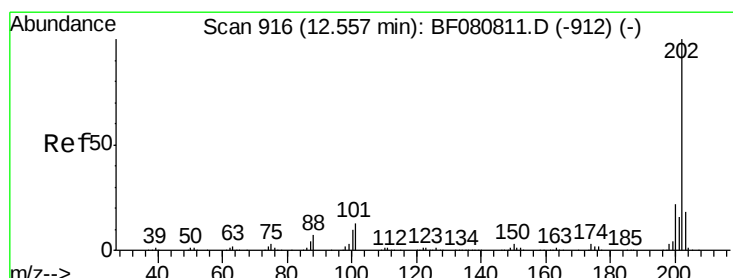
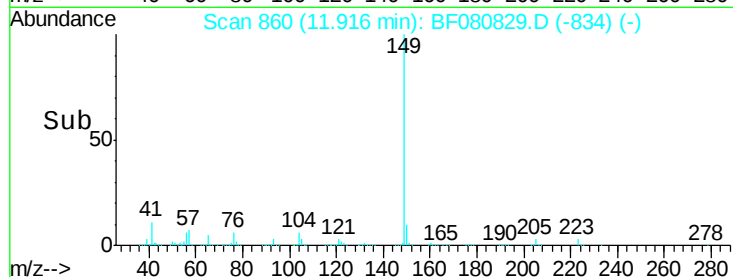
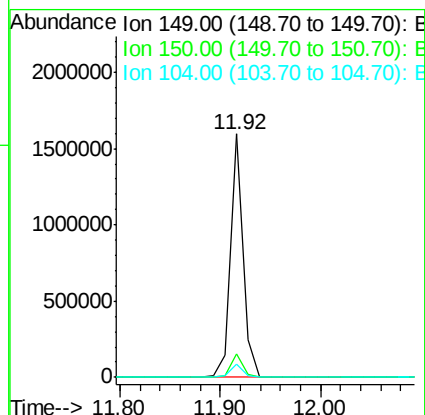
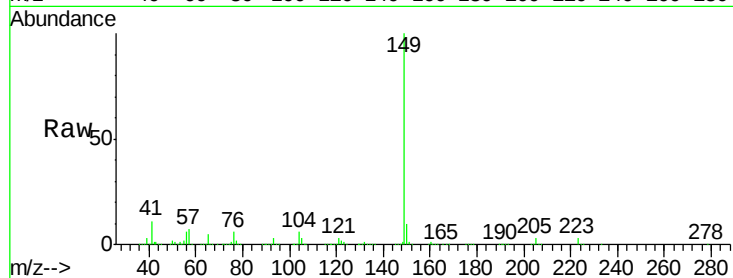
ClientSampleId :

PB84659BS

Tgt Ion:	149	Resp:	1373411
Ion Ratio	Lower	Upper	
149	100		
150	9.8	7.8	11.8
104	5.6	4.6	6.8

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#74

Fluoranthene

Concen: 33.97 ng

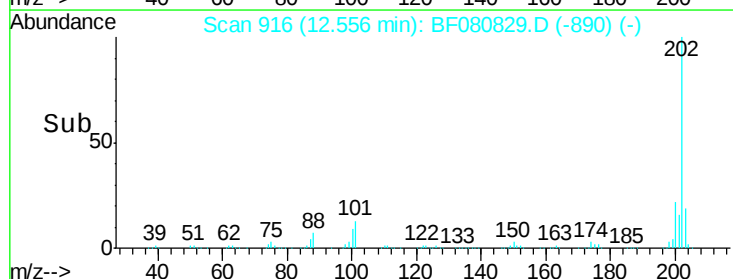
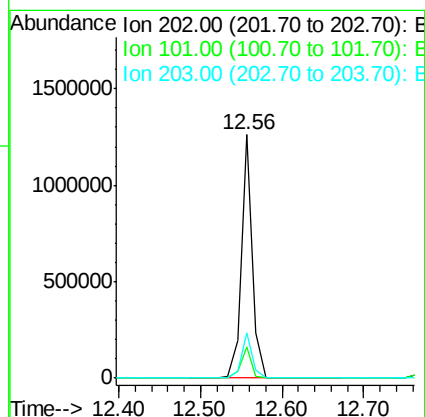
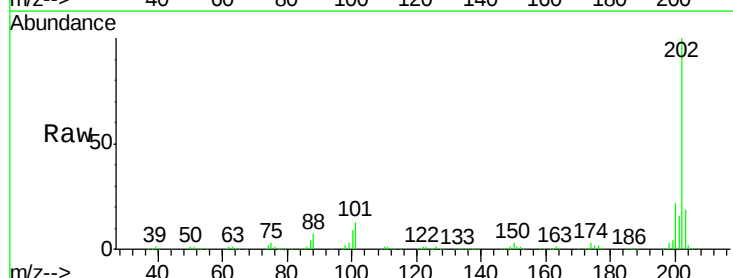
RT: 12.56 min Scan# 916

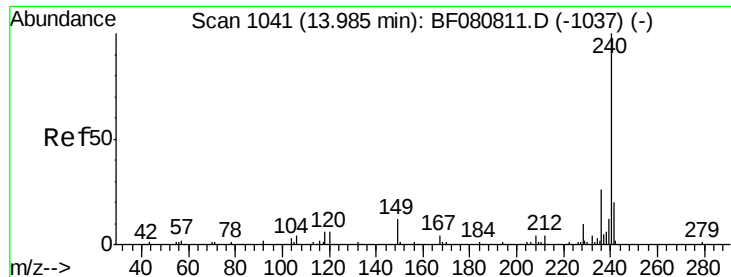
Delta R.T. -0.00 min

Lab File: BF080829.D

Acq: 4 Aug 2015 7:41

Tgt Ion:	202	Resp:	1179210
Ion Ratio	Lower	Upper	
202	100		
101	12.6	0.0	33.0
203	18.6	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BF080829.D

Acq: 4 Aug 2015 7:41

Instrument :

BNA_F

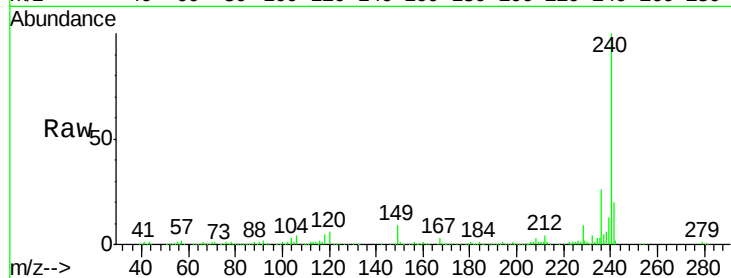
ClientSampleId :

PB84659BS

Tgt Ion:	240	Resp:	393740
Ion Ratio	Lower	Upper	
240	100		
120	6.1	5.0	7.4
236	25.9	20.8	31.2

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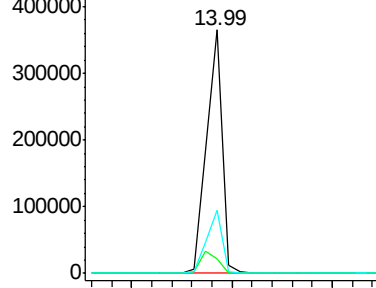
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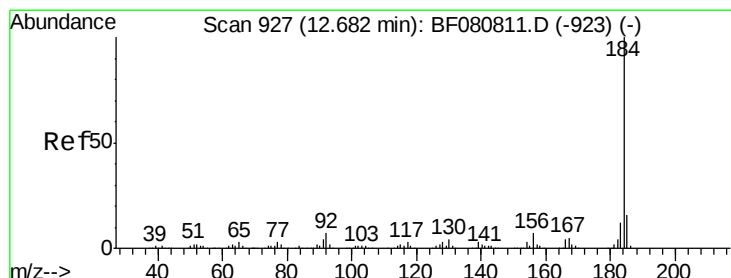
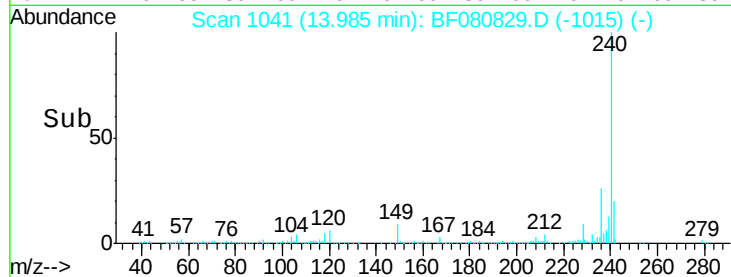
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#76

Benzidine

Concen: 28.40 ng

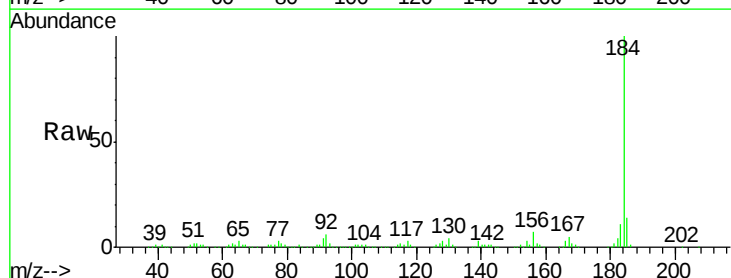
RT: 12.68 min Scan# 927

Delta R.T. 0.00 min

Lab File: BF080829.D

Acq: 4 Aug 2015 7:41

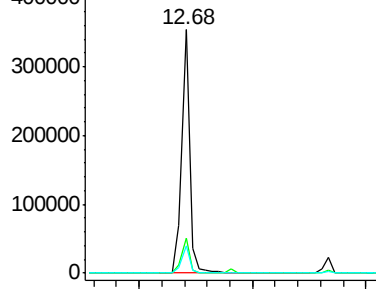
Tgt Ion:	184	Resp:	329800
Ion Ratio	Lower	Upper	
184	100		
185	14.3	12.6	18.8
183	11.2	9.3	13.9



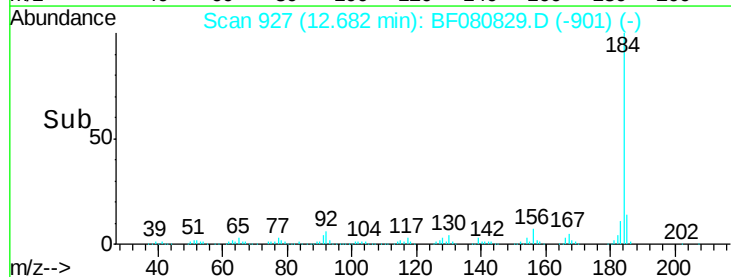
Abundance Ion 184.00 (183.70 to 184.70): E

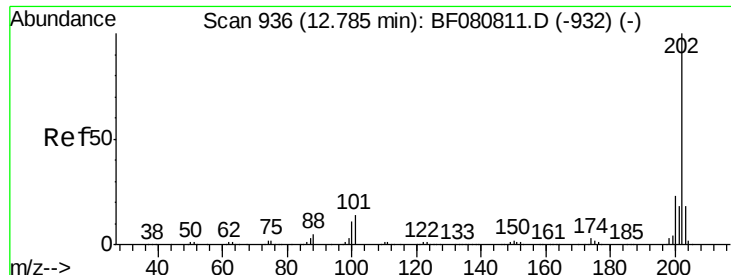
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->





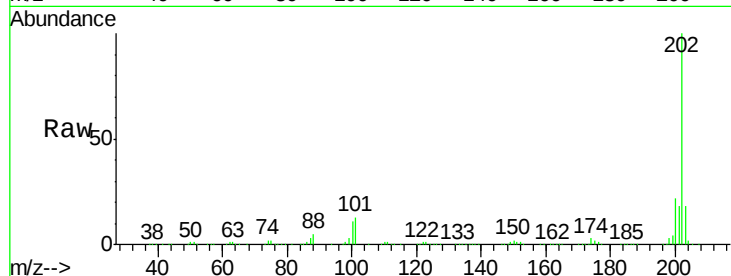
#77
 Pyrene
 Concen: 42.35 ng
 RT: 12.79 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: BF080829.D
 Acq: 4 Aug 2015 7:41

Instrument :
 BNA_F
 ClientSampleId :
 PB84659BS

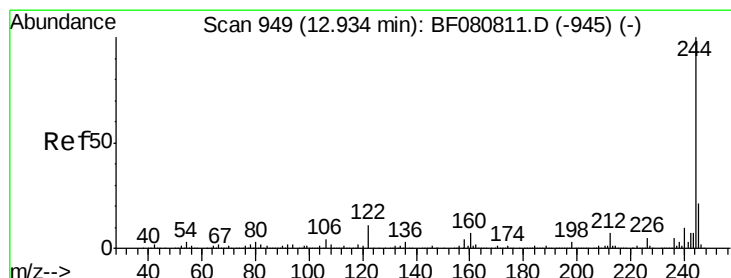
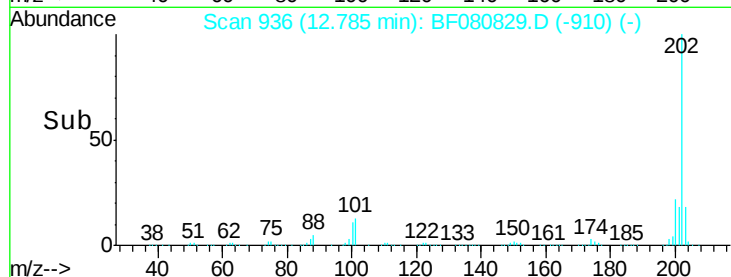
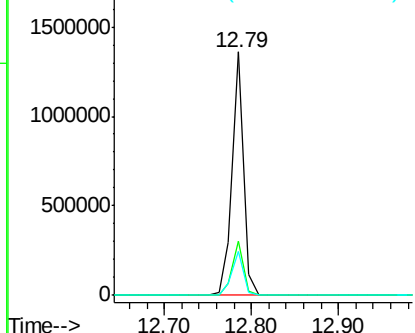
Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.3	18.2	27.4
203	18.0	14.8	22.2

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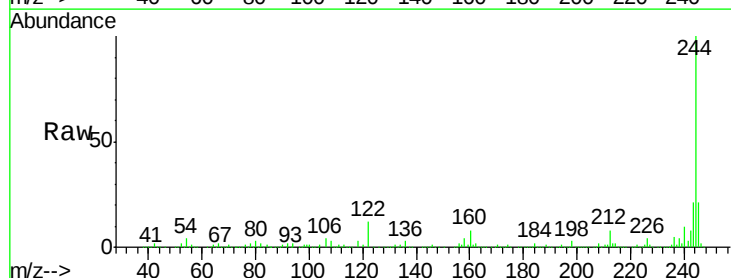


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

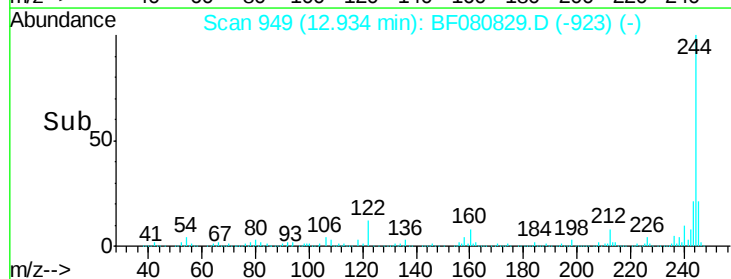
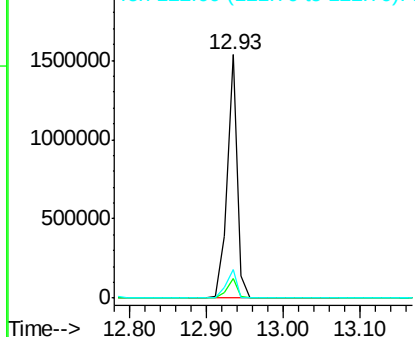


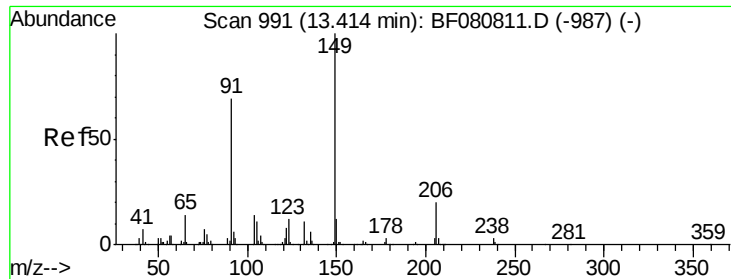
#78
 Terphenyl-d14
 Concen: 72.80 ng
 RT: 12.93 min Scan# 949
 Delta R.T. -0.00 min
 Lab File: BF080829.D
 Acq: 4 Aug 2015 7:41

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.1	5.8	8.8
122	11.9	9.1	13.7



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: 46.25 ng

RT: 13.41 min Scan# 991

Delta R.T. -0.00 min

Lab File: BF080829.D

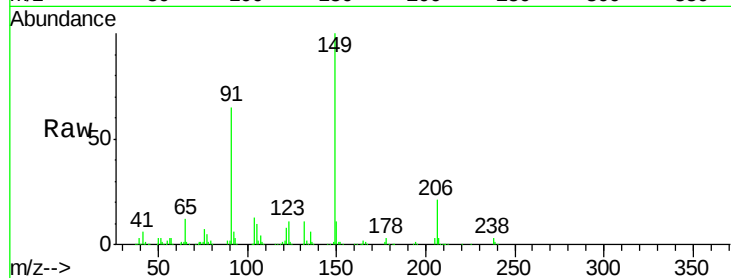
Acq: 4 Aug 2015 7:41

Instrument :

BNA_F

ClientSampleId :

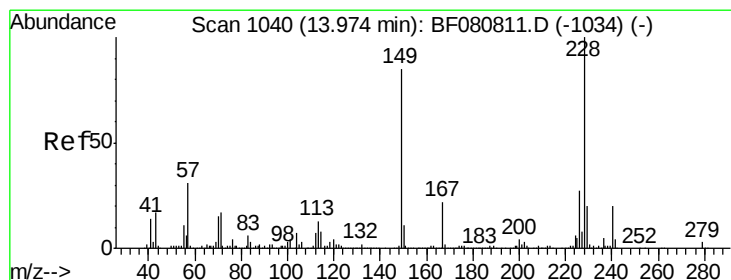
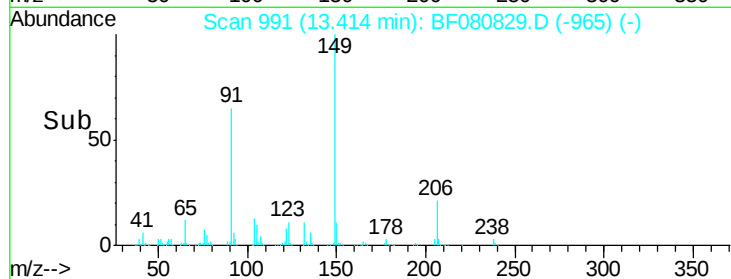
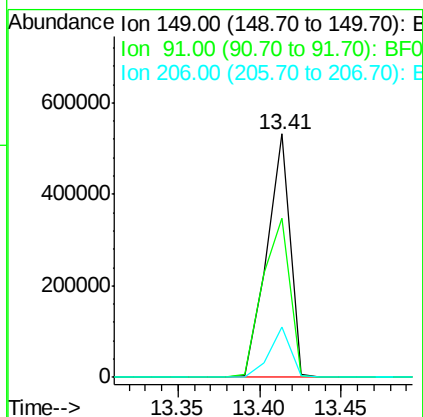
PB84659BS



Tgt Ion:	149	Resp:	530465
Ion Ratio	Lower	Upper	
149	100		
91	65.2	55.4	83.2
206	20.8	15.8	23.6

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#80

Benzo(a)anthracene

Concen: 38.46 ng

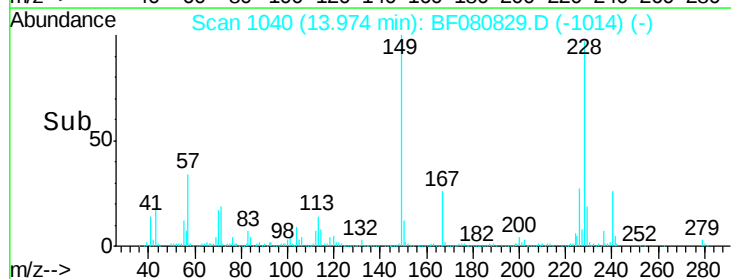
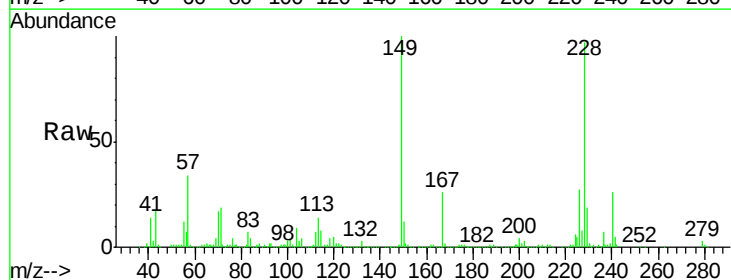
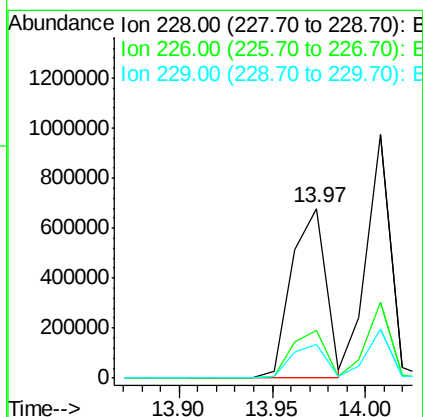
RT: 13.97 min Scan# 1040

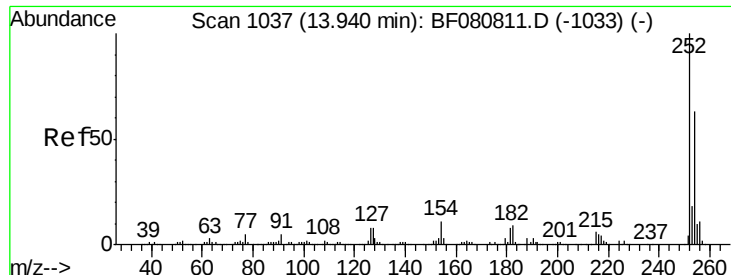
Delta R.T. -0.00 min

Lab File: BF080829.D

Acq: 4 Aug 2015 7:41

Tgt Ion:	228	Resp:	858130
Ion Ratio	Lower	Upper	
228	100		
226	27.9	21.6	32.4
229	20.0	15.7	23.5





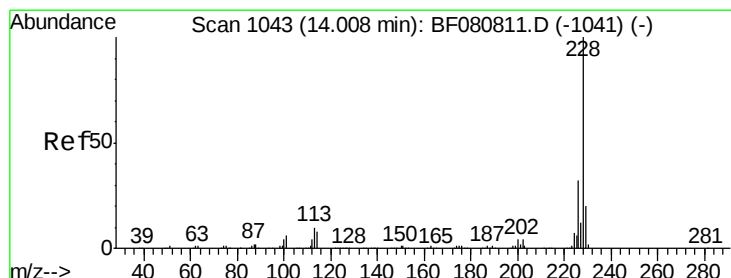
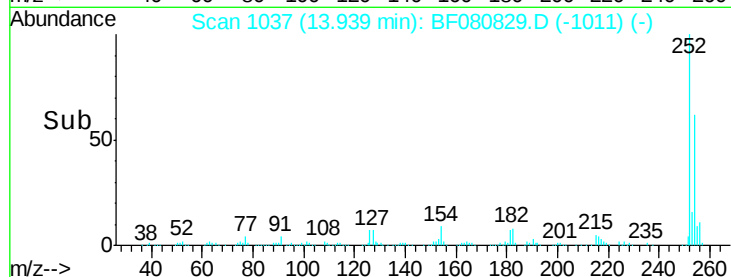
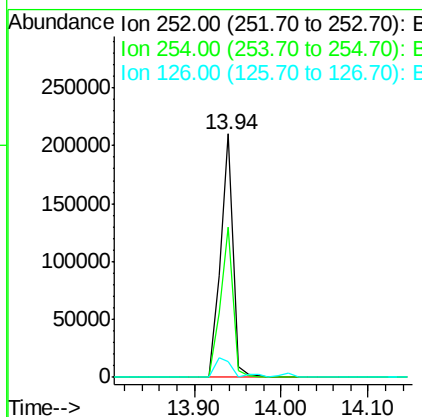
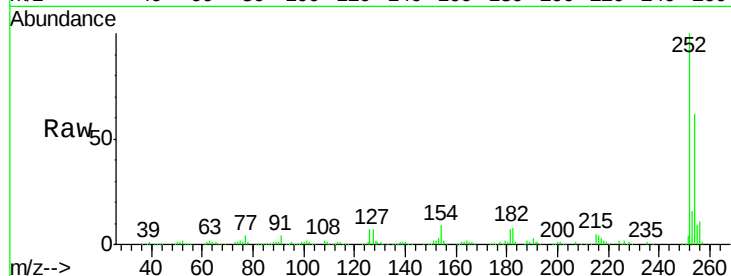
#81
 3,3'-Dichlorobenzidine
 Concen: 27.14 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: BF080829.D
 Acq: 4 Aug 2015 7:41

Instrument :
 BNA_F
 ClientSampleId :
 PB84659BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	61.6	50.1	75.1
126	6.7	6.2	9.4

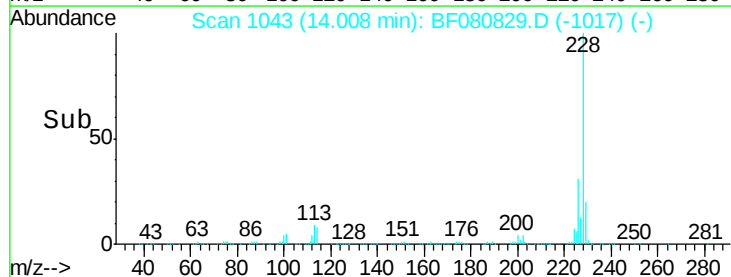
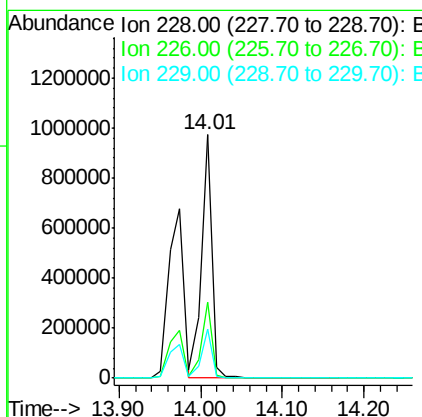
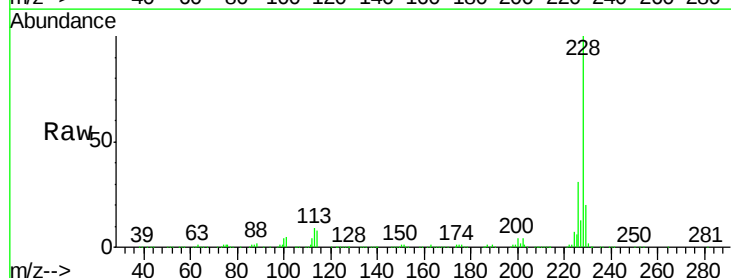
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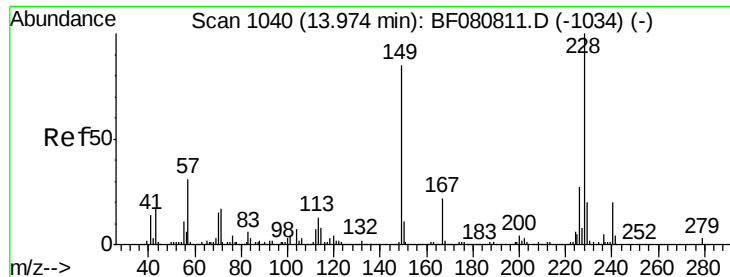
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#82
 Chrysene
 Concen: 40.29 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BF080829.D
 Acq: 4 Aug 2015 7:41

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	31.0	25.0	37.6
229	20.2	16.1	24.1





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.69 ng

RT: 13.97 min Scan# 1040

Delta R.T. -0.00 min

Lab File: BF080829.D

Acq: 4 Aug 2015 7:41

Instrument :

BNA_F

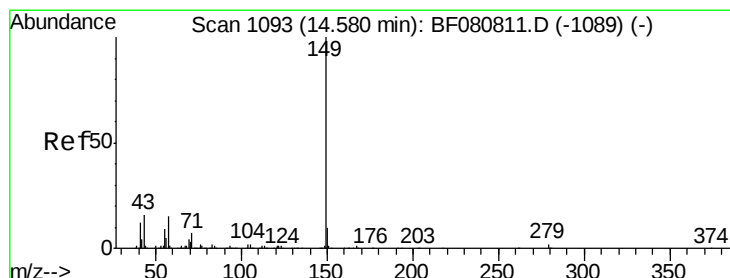
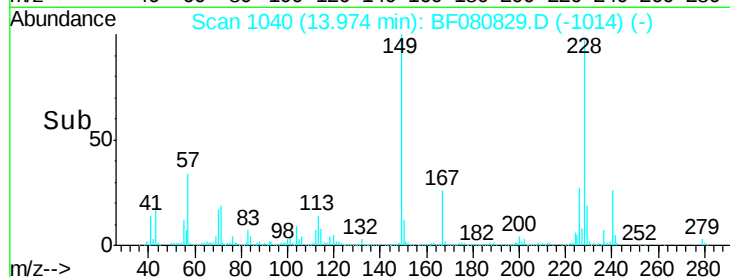
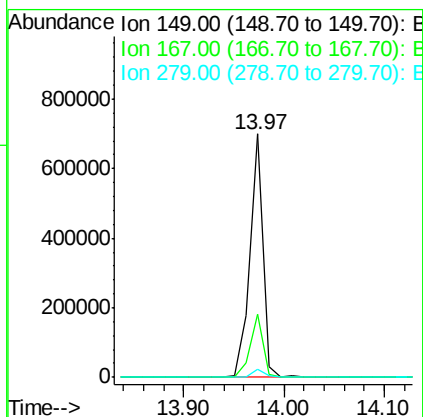
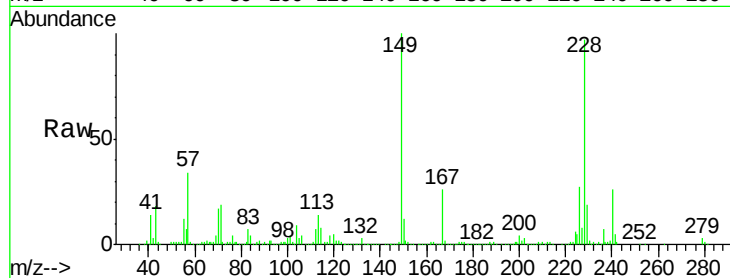
ClientSampleId :

PB84659BS

Tgt Ion:	149	Resp:	632346
Ion Ratio	Lower	Upper	
149	100		
167	25.8	20.4	30.6
279	3.2	2.4	3.6

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#84

Di-n-octyl phthalate

Concen: 41.41 ng

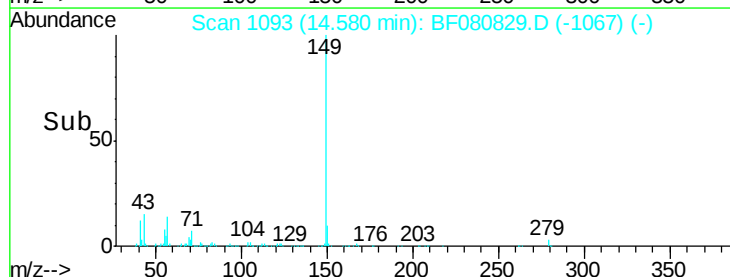
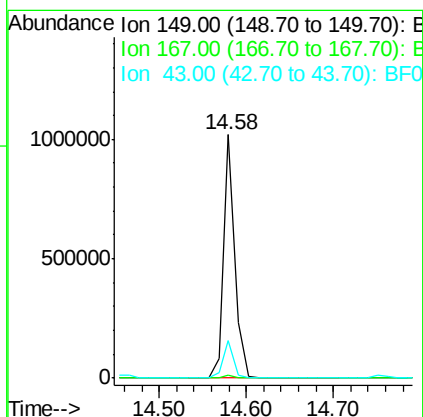
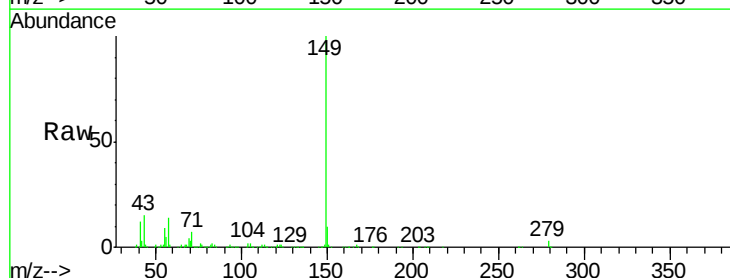
RT: 14.58 min Scan# 1093

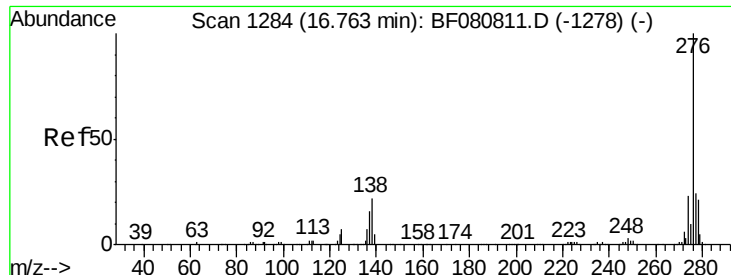
Delta R.T. -0.00 min

Lab File: BF080829.D

Acq: 4 Aug 2015 7:41

Tgt Ion:	149	Resp:	926511
Ion Ratio	Lower	Upper	
149	100		
167	1.4	1.1	1.7
43	14.5	11.8	17.8





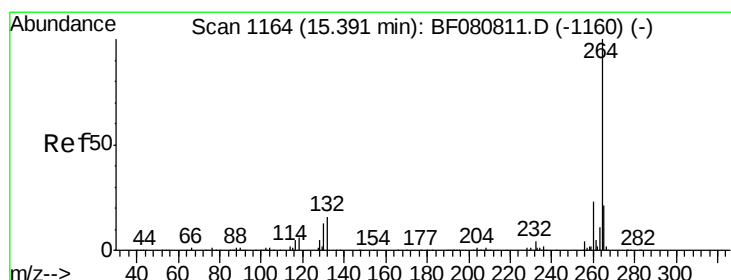
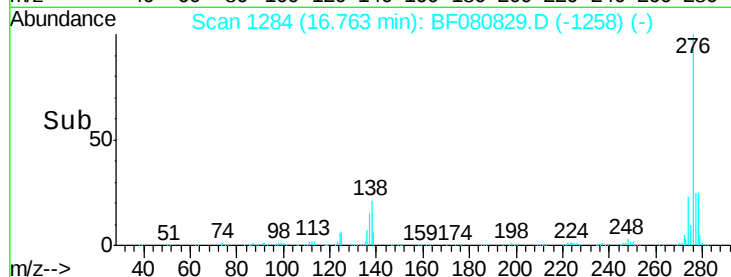
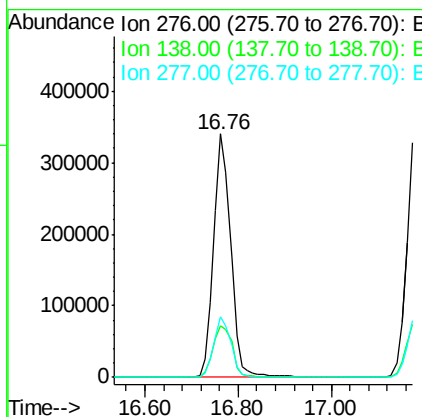
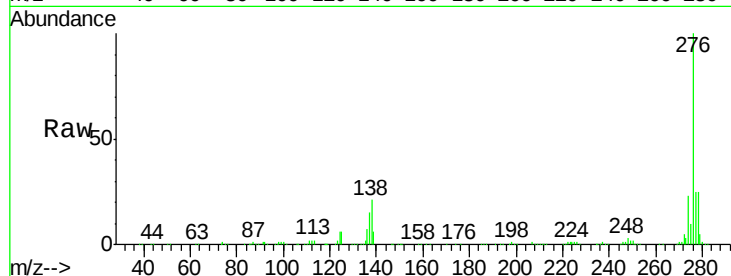
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.93 ng
 RT: 16.76 min Scan# 1284
 Delta R.T. -0.00 min
 Lab File: BF080829.D
 Acq: 4 Aug 2015 7:41

Instrument :
 BNA_F
 ClientSampleId :
 PB84659BS

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	876572		
138	24.0	18.6	27.8	
277	24.9	20.1	30.1	

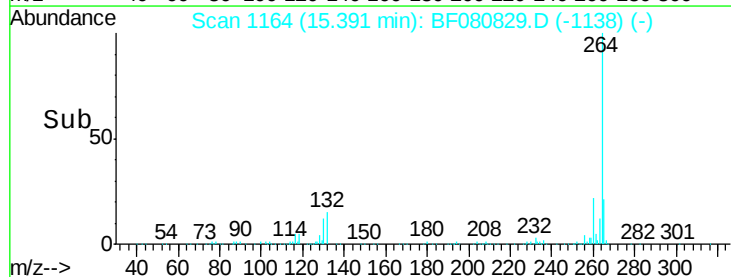
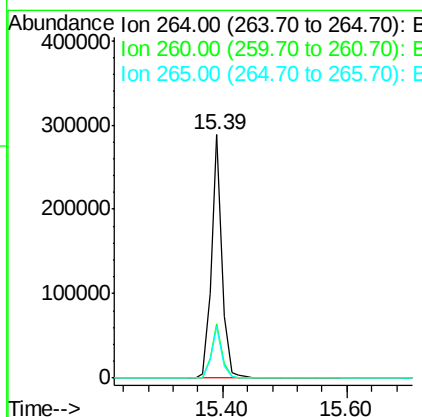
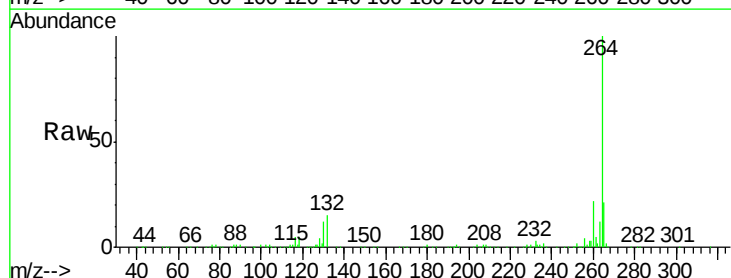
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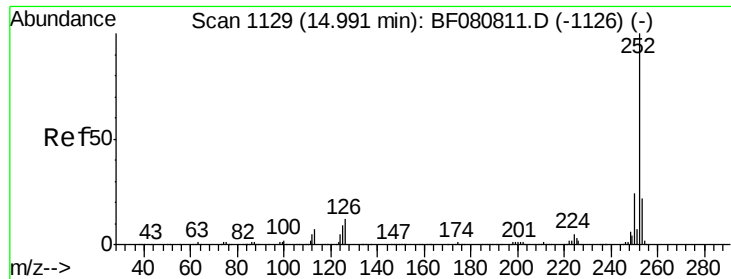
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.39 min Scan# 1164
 Delta R.T. -0.00 min
 Lab File: BF080829.D
 Acq: 4 Aug 2015 7:41

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	333177		
260	22.5	18.3	27.5	
265	21.0	17.0	25.6	





#87

Benzo(b)fluoranthene

Concen: 37.64 ng m

RT: 14.99 min Scan# 1129

Delta R.T. -0.00 min

Lab File: BF080829.D

Acq: 4 Aug 2015 7:41

Instrument :

BNA_F

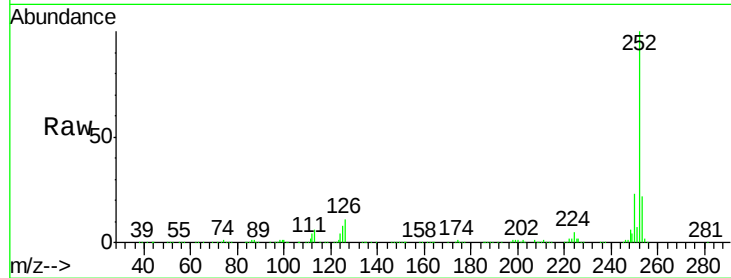
ClientSampleId :

PB84659BS

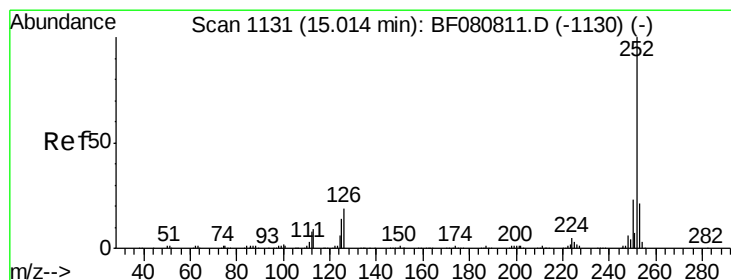
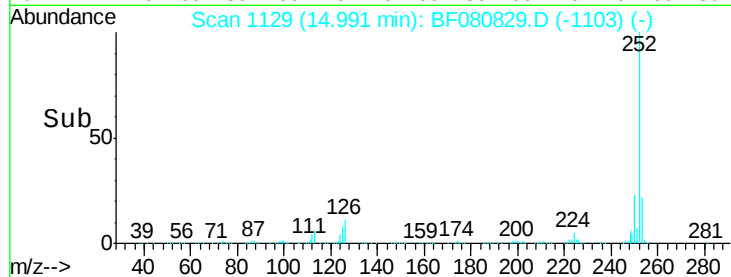
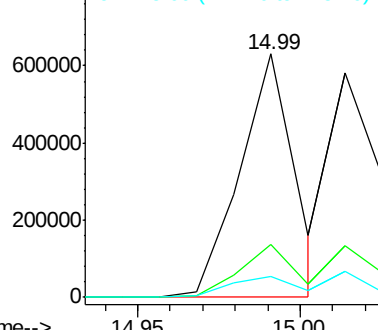
Tgt Ion:	252	Resp:	734601
Ion Ratio	Lower	Upper	
252	100		
253	21.6	17.5	26.3
125	8.4	7.4	11.0

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



#88

Benzo(k)fluoranthene

Concen: 37.57 ng m

RT: 15.01 min Scan# 1131

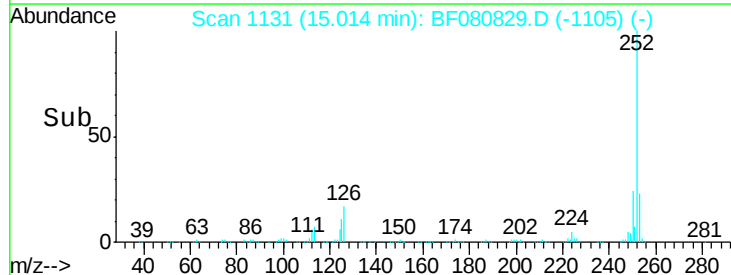
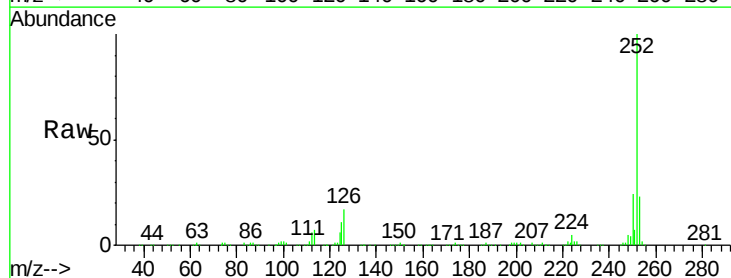
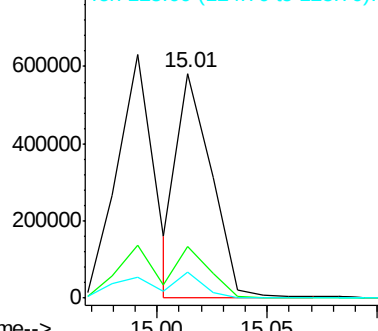
Delta R.T. -0.00 min

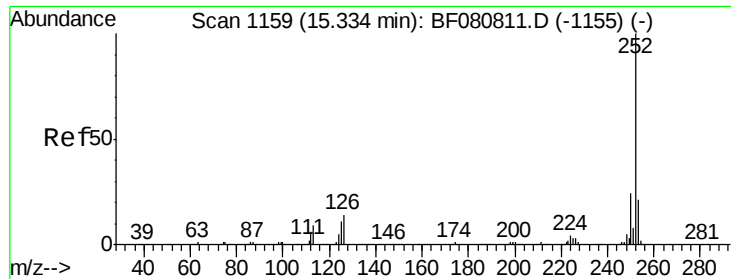
Lab File: BF080829.D

Acq: 4 Aug 2015 7:41

Tgt Ion:	252	Resp:	640077
Ion Ratio	Lower	Upper	
252	100		
253	22.9	17.4	26.0
125	11.5	9.9	14.9

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





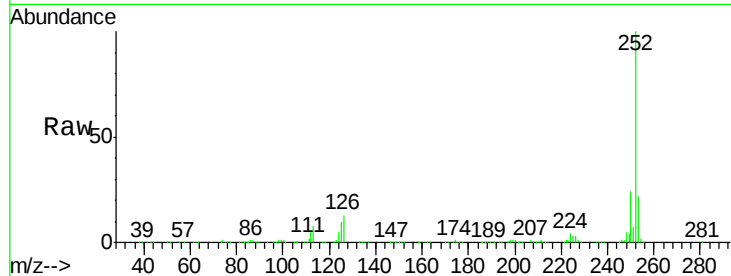
#89
Benzo(a)pyrene
Concen: 39.85 ng
RT: 15.33 min Scan# 1159
Delta R.T. -0.00 min
Lab File: BF080829.D
Acq: 4 Aug 2015 7:41

Instrument :
BNA_F
ClientSampleId :
PB84659BS

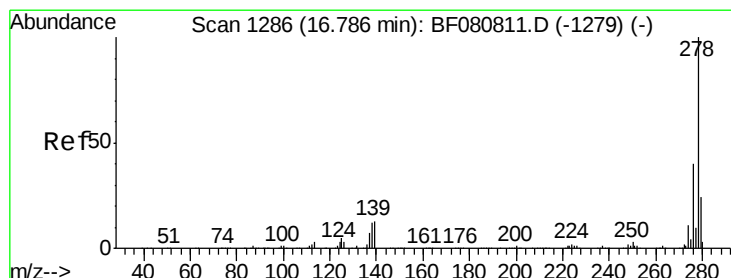
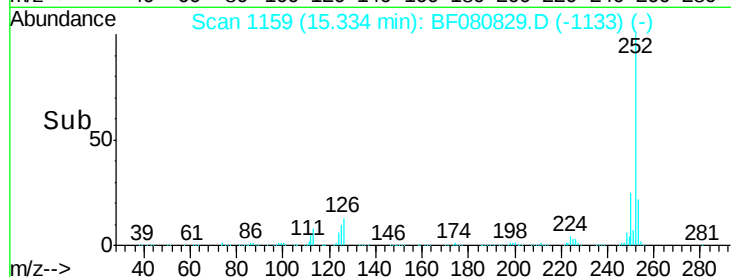
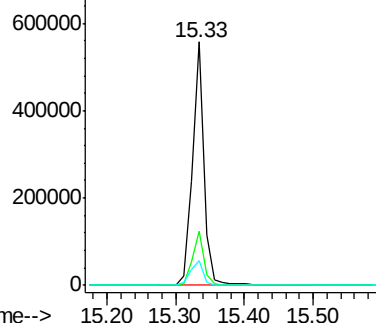
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.2	25.8
125	10.1	8.9	13.3

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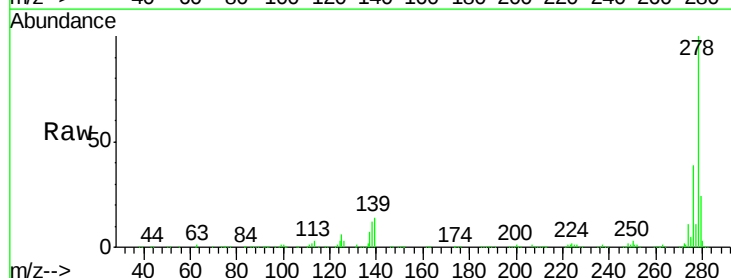


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

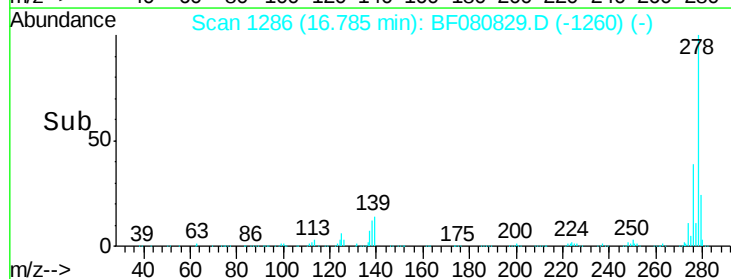
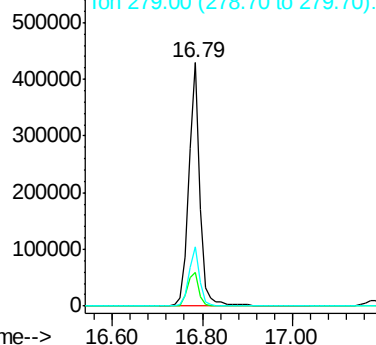


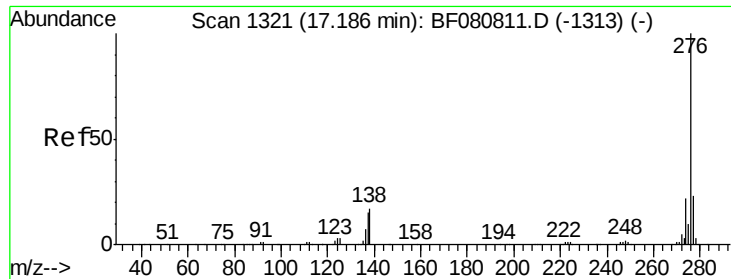
#90
Dibenzo(a,h)anthracene
Concen: 45.32 ng
RT: 16.79 min Scan# 1286
Delta R.T. -0.00 min
Lab File: BF080829.D
Acq: 4 Aug 2015 7:41

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.9	10.7	16.1
279	24.3	19.0	28.4



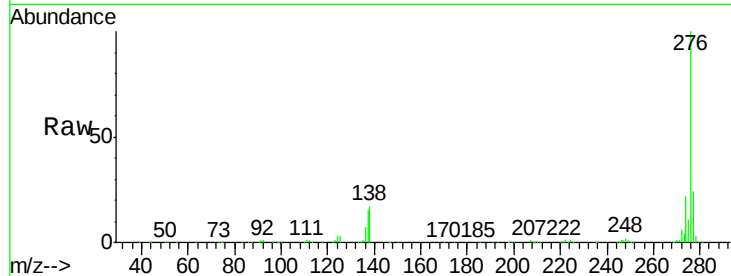
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(g,h,i)perylene
 Concen: 45.13 ng
 RT: 17.19 min Scan# 1321
 Delta R.T. -0.00 min
 Lab File: BF080829.D
 Acq: 4 Aug 2015 7:41

Instrument :
 BNA_F
 ClientSampleId :
 PB84659BS



Tgt Ion	Ratio	Resp	Lower	Upper
276	100	762348		
277	23.7		18.6	27.8
138	16.9		13.3	19.9

Manual Integrations
 APPROVED

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