

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103015\
 Data File : BF082595.D
 Acq On : 31 Oct 2015 2:30
 Operator : UM/IZ
 Sample : PB86203BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86203BS

Manual Integrations
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Mmdadoda
 11/2/2015 4:32:06 PM

Quant Time: Oct 31 04:08:08 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF103015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 31 00:17:39 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	176874	20.00	ng	-0.01
21) Naphthalene-d8	8.19	136	688893	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	368855	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	709167	20.00	ng	0.00
75) Chrysene-d12	14.08	240	562783	20.00	ng	0.00
86) Perylene-d12	15.52	264	397026	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	1029604	87.67	ng	0.01
7) Phenol-d6	6.53	99	1295644	83.05	ng	0.00
23) Nitrobenzene-d5	7.47	82	1414208	83.83	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	336176	83.28	ng	0.00
44) 2-Fluorobiphenyl	9.28	172	2134123	82.15	ng	0.00
78) Terphenyl-d14	13.03	244	1939342	75.41	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.62	88	182178	33.56	ng	90
3) Pyridine	3.34	79	563050	35.37	ng	96
4) n-Nitrosodimethylamine	3.29	42	325101	36.28	ng	96
6) Aniline	6.56	93	501979	23.11	ng	93
8) 2-Chlorophenol	6.69	128	489980	38.56	ng	98
9) Benzaldehyde	6.44	77	225273	21.15	ng	99
10) Phenol	6.54	94	733401	41.49	ng	99
11) bis(2-Chloroethyl)ether	6.64	93	482941	37.03	ng	96
12) 1,3-Dichlorobenzene	6.84	146	518282	35.77	ng	99
13) 1,4-Dichlorobenzene	6.92	146	567843	39.52	ng	97
14) 1,2-Dichlorobenzene	7.08	146	509789	38.22	ng	97
15) Benzyl Alcohol	7.05	79	613383	42.16	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.18	45	842686	40.66	ng	99
17) 2-Methylphenol	7.16	107	461942	42.76	ng	98
18) Hexachloroethane	7.42	117	224298	40.00	ng	95
19) n-Nitroso-di-n-propylamine	7.32	70	423653	35.82	ng	97
20) 3+4-Methylphenols	7.31	107	517522	36.86	ng	90
22) Acetophenone	7.31	105	768327	37.88	ng	# 77
24) Nitrobenzene	7.48	77	595107	34.90	ng	# 84
25) Isophorone	7.73	82	1188143	38.28	ng	99
26) 2-Nitrophenol	7.80	139	230553	37.01	ng	96
27) 2,4-Dimethylphenol	7.85	122	496164	40.80	ng	99
28) bis(2-Chloroethoxy)methane	7.94	93	623425	36.72	ng	98
29) 2,4-Dichlorophenol	8.05	162	446424	40.28	ng	98
30) 1,2,4-Trichlorobenzene	8.13	180	452259	36.77	ng	98
31) Naphthalene	8.21	128	1339133	35.92	ng	100
32) Benzoic acid	7.96	122	320630	36.35	ng	98
33) 4-Chloroaniline	8.26	127	220436	13.85	ng	# 89
34) Hexachlorobutadiene	8.34	225	295720	37.80	ng	99
35) Caprolactam	8.62	113	136513	40.14	ng	# 86
36) 4-Chloro-3-methylphenol	8.74	107	537348	41.17	ng	99
37) 2-Methylnaphthalene	8.91	142	1025887	42.46	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	472685	38.40	ng	# 98
40) Hexachlorocyclopentadiene	9.07	237	651653	84.22	ng	100

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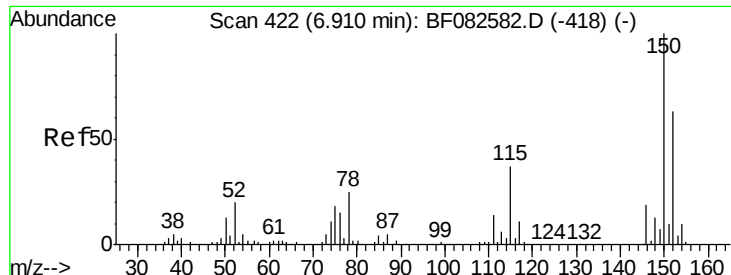
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	362065	40.74	nq	99
43) 2,4,5-Trichlorophenol	9.22	196	304697	34.41	nq	96
45) 1,1'-Biphenyl	9.38	154	1190471	38.21	nq	97
46) 2-Chloronaphthalene	9.40	162	950548	39.07	nq	97
47) 2-Nitroaniline	9.48	65	324623	34.33	nq	98
48) Acenaphthylene	9.81	152	1526065	39.22	nq	100
49) Dimethylphthalate	9.68	163	1155301	38.35	nq	99
50) 2,6-Dinitrotoluene	9.73	165	268825	43.05	nq	89
51) Acenaphthene	9.98	154	1037410	42.00	nq	99
52) 3-Nitroaniline	9.89	138	140788	20.27	nq	88
53) 2,4-Dinitrophenol	10.00	184	238080	72.28	nq	# 56
54) Dibenzofuran	10.16	168	1259412	37.57	nq	99
55) 4-Nitrophenol	10.05	139	371243	71.03	nq	# 65
56) 2,4-Dinitrotoluene	10.13	165	335723	39.76	nq	92
57) Fluorene	10.50	166	1046522	38.70	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.27	232	281977	37.68	nq	100
59) Diethylphthalate	10.38	149	1222690	39.87	nq	99
60) 4-Chlorophenyl-phenylether	10.50	204	506304	38.52	nq	96
61) 4-Nitroaniline	10.51	138	223417	33.70	nq	94
62) Azobenzene	10.65	77	1403136	40.57	nq	84
64) 4,6-Dinitro-2-methylphenol	10.54	198	178477	41.73	nq	84
65) n-Nitrosodiphenylamine	10.61	169	970290	39.80	nq	100
66) 4-Bromophenyl-phenylether	10.98	248	295550	36.78	nq	# 61
67) Hexachlorobenzene	11.05	284	333311	37.41	nq	# 89
68) Atrazine	11.14	200	320948	40.24	nq	99
69) Pentachlorophenol	11.24	266	474105	80.69	nq	99
70) Phenanthrene	11.46	178	1502294	37.56	nq	99
71) Anthracene	11.52	178	1678968	41.69	nq	99
72) Carbazole	11.66	167	1456085	41.51	nq	99
73) Di-n-butylphthalate	12.01	149	1919164	42.98	nq	99
74) Fluoranthene	12.65	202	1618950	39.59	nq	98
76) Benzidine	12.76	184	435045	17.14	nq	99
77) Pyrene	12.88	202	1628938	39.09	nq	100
79) Butylbenzylphthalate	13.51	149	767303	42.04	nq	89
80) Benzo(a)anthracene	14.07	228	1393062	38.97	nq	99
81) 3,3'-Dichlorobenzidine	14.03	252	205743	16.70	nq	# 94
82) Chrysene	14.10	228	1008744	31.13	nq	100
83) Bis(2-ethylhexyl)phthalate	14.08	149	925857	39.13	nq	# 96
84) Di-n-octyl phthalate	14.68	149	1406883	38.12	nq	99
85) Indeno(1,2,3-cd)pyrene	16.96	276	987773	36.94	nq	99
87) Benzo(b)fluoranthene	15.11	252	965771	35.28	nq	99
88) Benzo(k)fluoranthene	15.14	252	1021216m	48.96	nq	
89) Benzo(a)pyrene	15.46	252	911014	42.25	nq	98
90) Dibenzo(a,h)anthracene	16.98	278	840558	41.78	nq	98
91) Benzo(g,h,i)perylene	17.39	276	813276	41.72	nq	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 421

Delta R.T. -0.01 min

Lab File: BF082595.D

Acq: 31 Oct 2015 2:30

Instrument :

BNA_F

ClientSampleId :

PB86203BS

Tot Ion:152 Resp: 176874
Ion Ratio Lower Upper

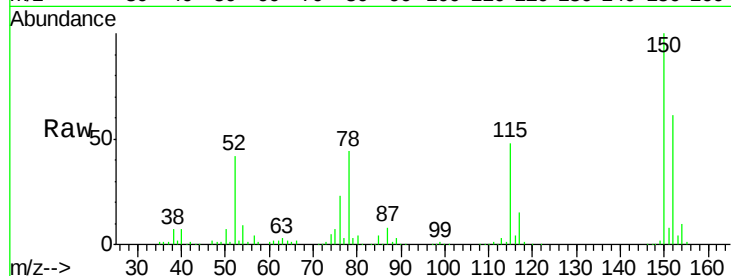
152 100

150 165.2 127.0 190.4

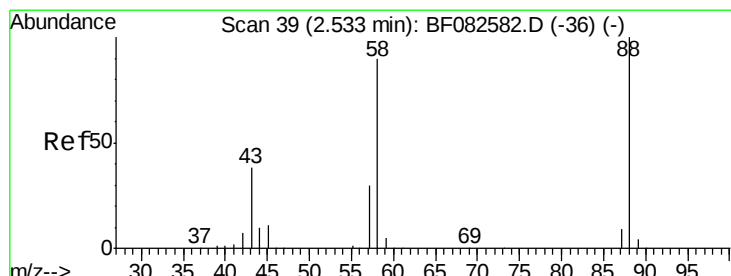
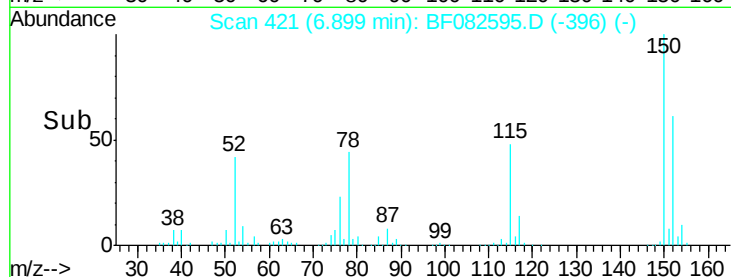
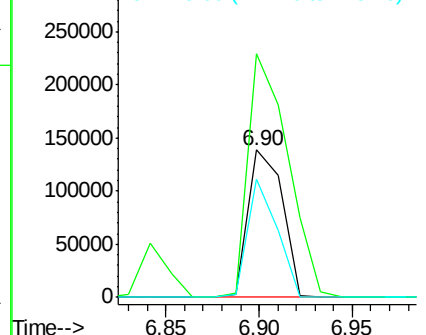
115 79.8 47.0 70.6#

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



#2

1,4-Dioxane

Concen: 33.56 ng

RT: 2.62 min Scan# 47

Delta R.T. 0.09 min

Lab File: BF082595.D

Acq: 31 Oct 2015 2:30

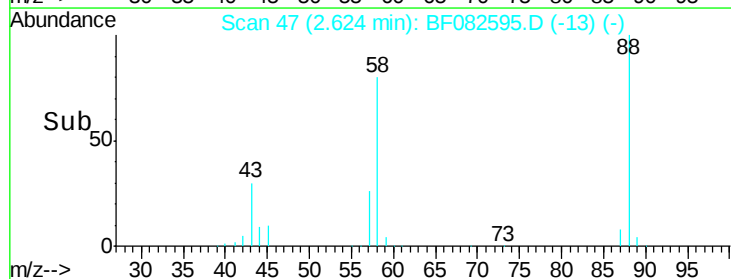
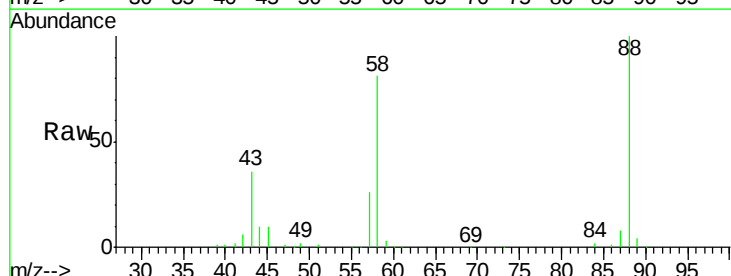
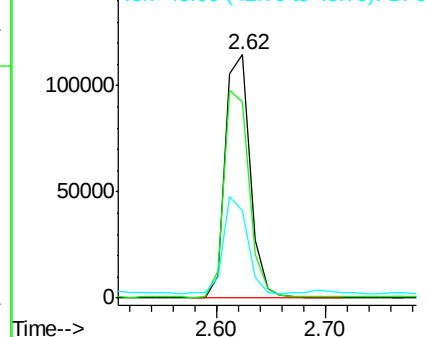
Tgt Ion: 88 Resp: 182178
Ion Ratio Lower Upper

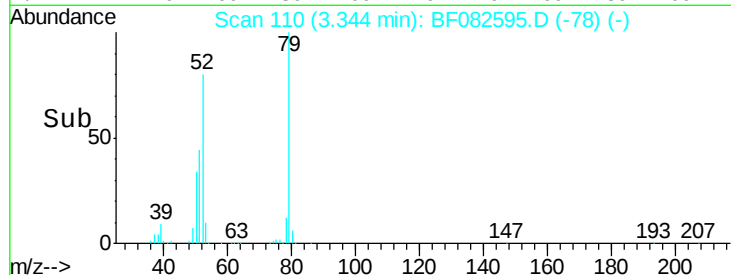
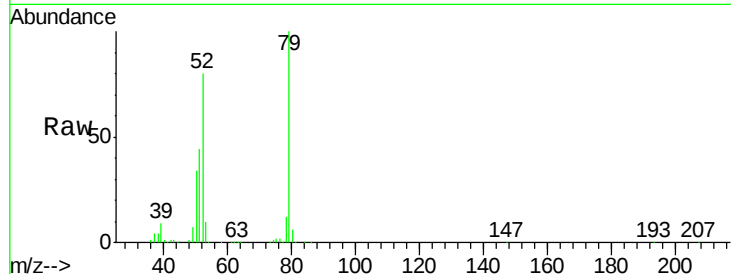
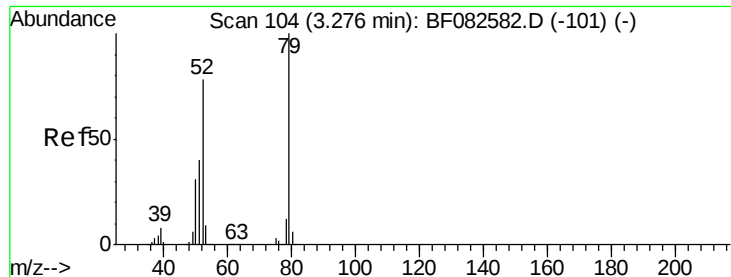
88 100

58 86.2 62.0 93.0

43 38.4 26.6 40.0

Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





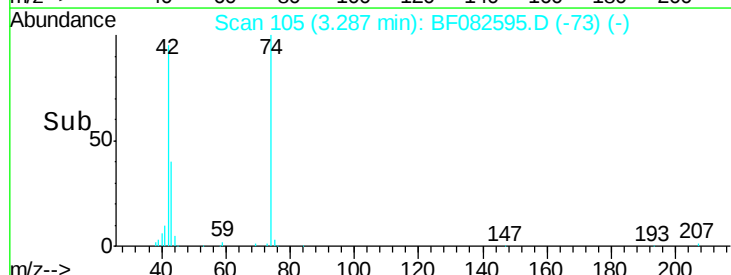
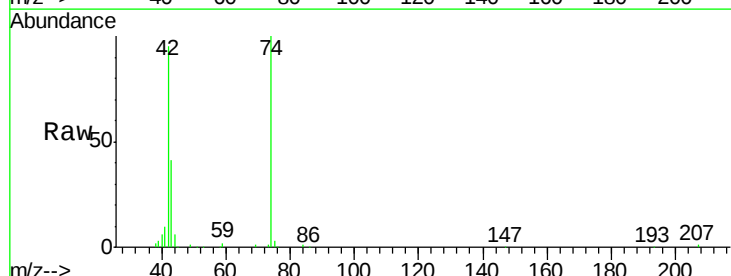
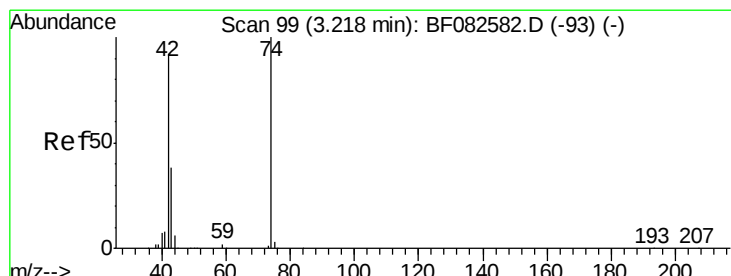
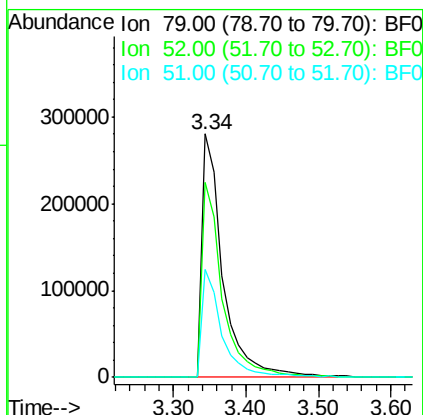
#3
Pvridine
Concen: 35.37 ng
RT: 3.34 min Scan# 110
Delta R.T. 0.07 min
Lab File: BF082595.D
Acq: 31 Oct 2015 2:30

Tot Ion:	79	Resp:	563050
Ion Ratio	Lower	Upper	
79	100		
52	80.3	62.8	94.2
51	44.4	32.0	48.0

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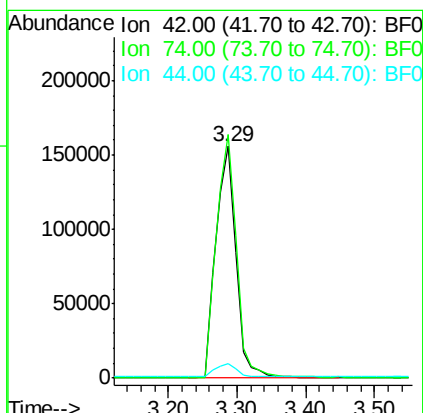
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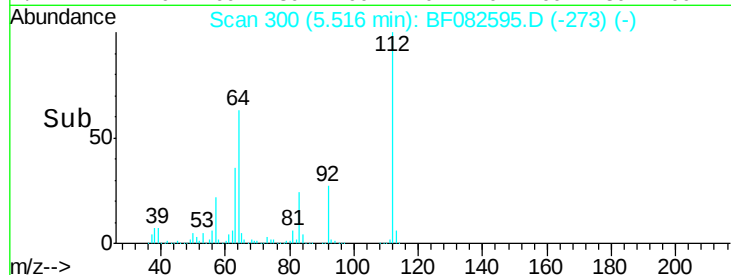
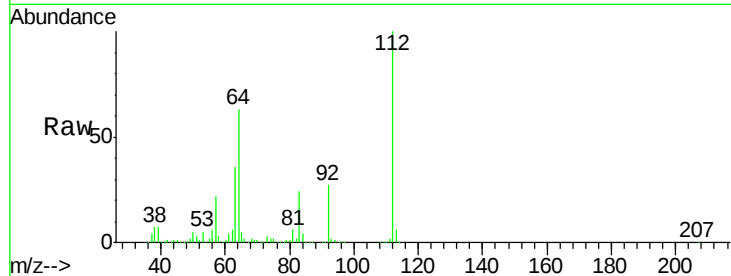
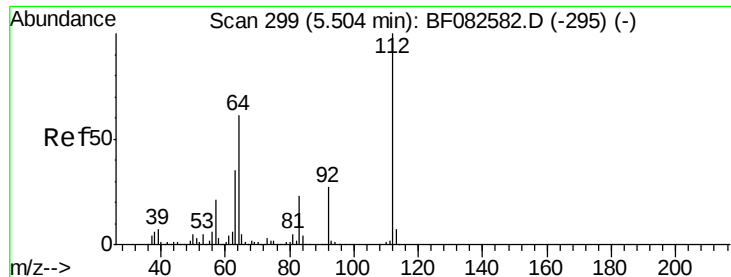
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#4
n-Nitrosodimethylamine
Concen: 36.28 ng
RT: 3.29 min Scan# 105
Delta R.T. 0.07 min
Lab File: BF082595.D
Acq: 31 Oct 2015 2:30

Tgt Ion:	42	Resp:	325101
Ion Ratio	Lower	Upper	
42	100		
74	105.0	87.0	130.4
44	6.1	5.8	8.8





#5

2-Fluorophenol

Concen: 87.67 ng

RT: 5.52 min Scan# 300

Delta R.T. 0.01 min

Lab File: BF082595.D

Acq: 31 Oct 2015 2:30

Tot Ion:	112	Resp:	1029604
Ion	Ratio	Lower	Upper
112	100		
64	62.6	48.9	73.3
63	35.8	28.1	42.1

Instrument :

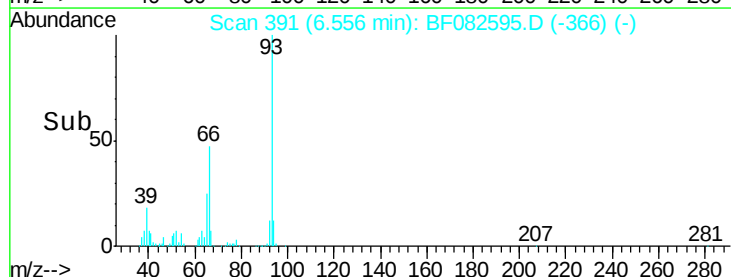
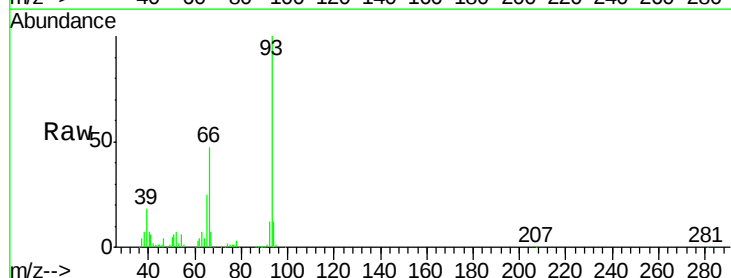
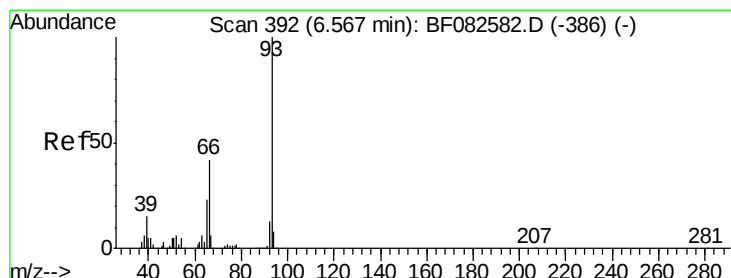
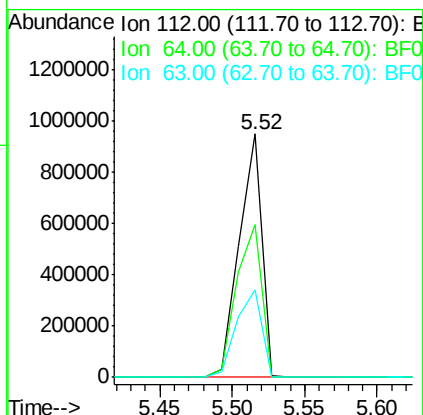
BNA_F

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#6

Aniline

Concen: 23.11 ng

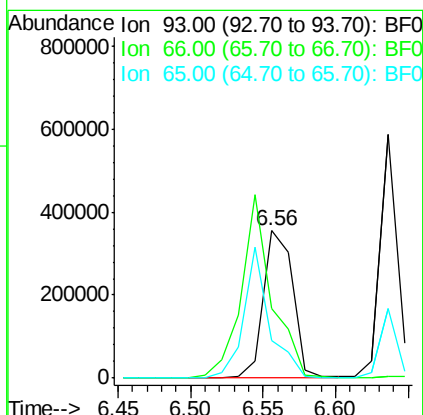
RT: 6.56 min Scan# 391

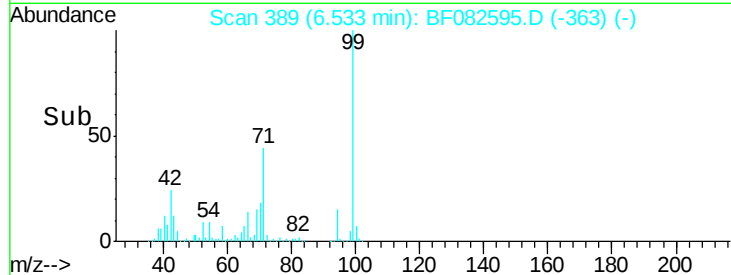
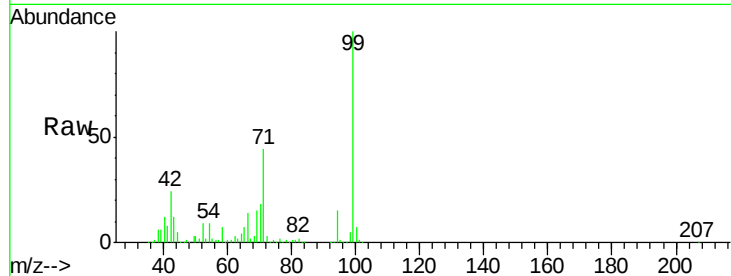
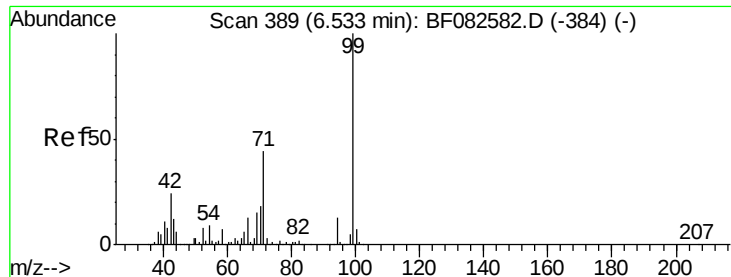
Delta R.T. -0.01 min

Lab File: BF082595.D

Acq: 31 Oct 2015 2:30

Tgt Ion:	93	Resp:	501979
Ion	Ratio	Lower	Upper
93	100		
66	46.8	33.6	50.4
65	25.4	18.1	27.1





#7

Phenol-d6

Concen: 83.05 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.00 min

Lab File: BF082595.D

Acq: 31 Oct 2015 2:30

Tot Ion:	99	Resp:	1295644
Ion	Ratio	Lower	Upper
99	100		
42	23.6	19.2	28.8
71	44.0	35.0	52.4

Instrument :

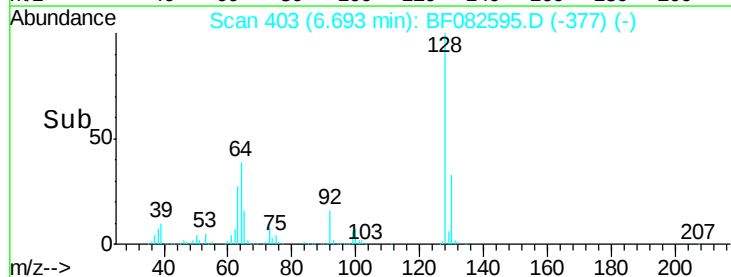
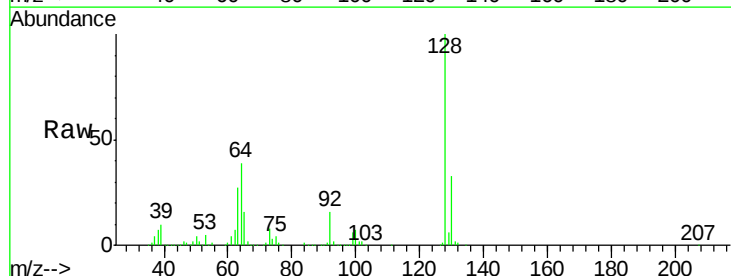
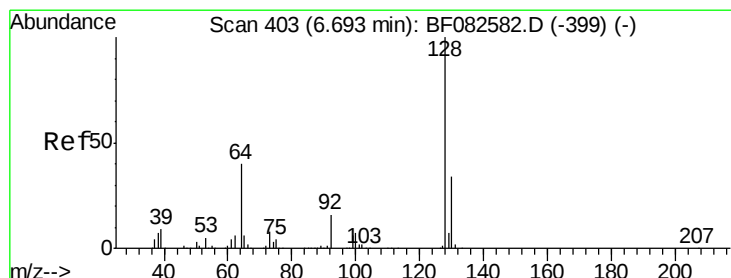
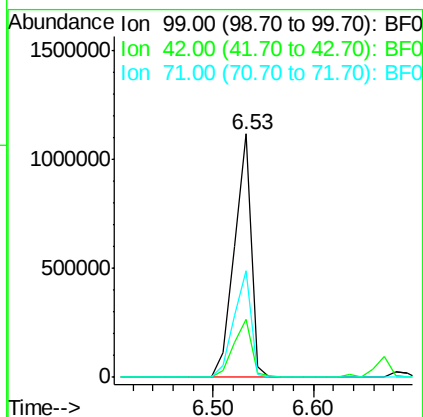
BNA_F

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#8

2-Chlorophenol

Concen: 38.56 ng

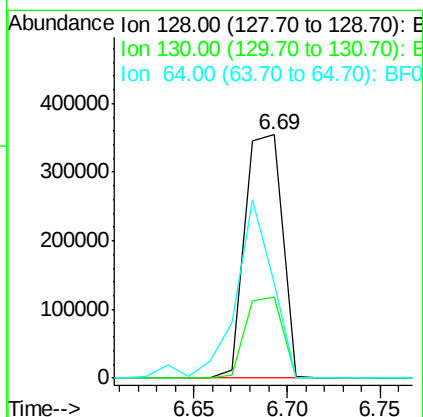
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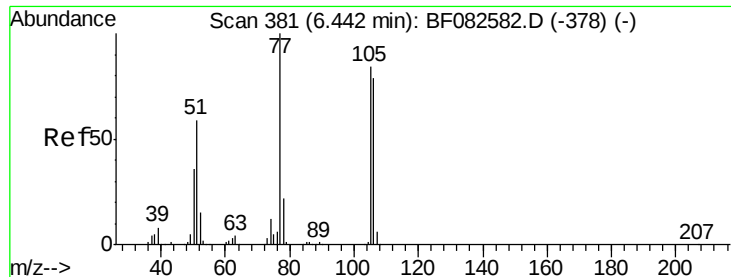
Delta R.T. -0.00 min

Lab File: BF082595.D

Acq: 31 Oct 2015 2:30

Tgt Ion:	128	Resp:	489980
Ion	Ratio	Lower	Upper
128	100		
130	33.3	13.5	53.5
64	39.3	21.1	61.1





#9

Benzaldehyde

Concen: 21.15 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.00 min

Lab File: BF082595.D

Acq: 31 Oct 2015 2:30

Instrument :

BNA_F

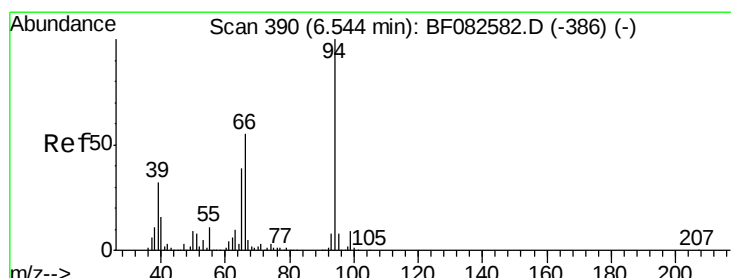
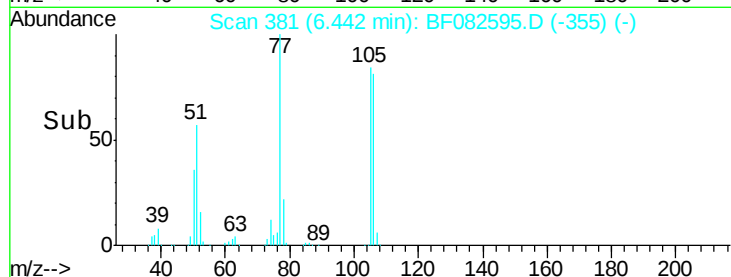
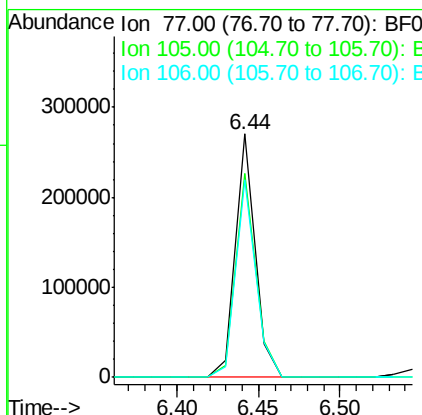
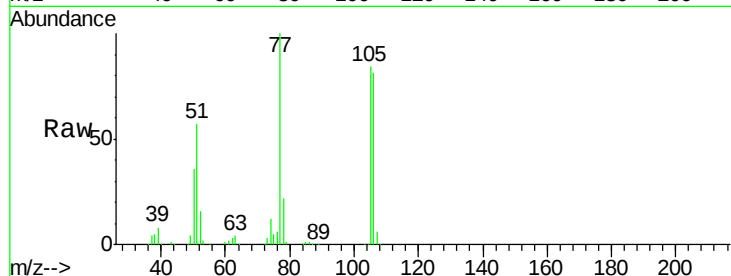
ClientSampleId :

PB86203BS

Tot Ion:	77	Resp:	225273
Ion Ratio	Lower	Upper	
77	100		
105	83.9	63.5	103.5
106	81.2	59.3	99.3

Manual Integrations
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#10

Phenol

Concen: 41.49 ng

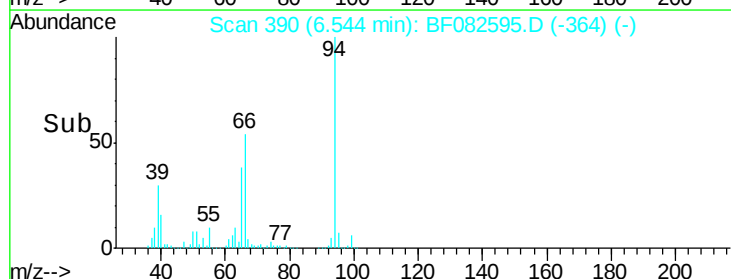
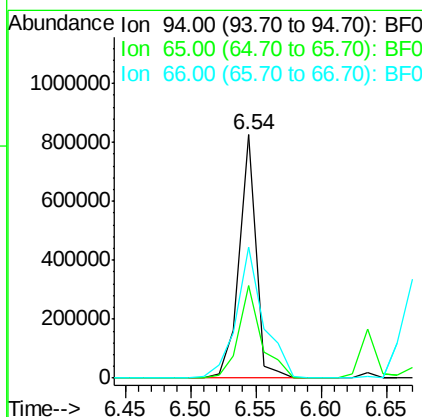
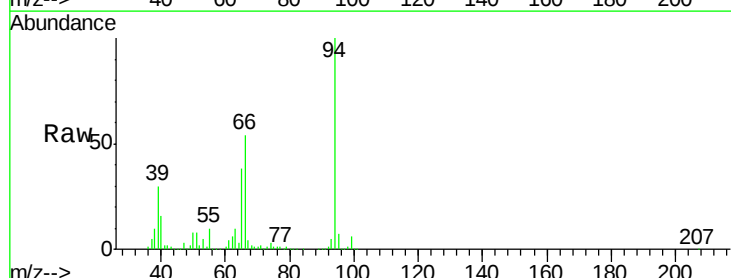
RT: 6.54 min Scan# 390

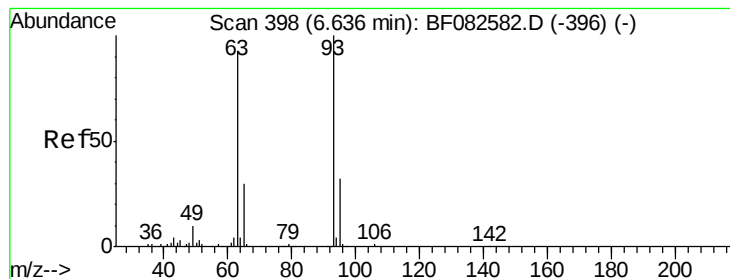
Delta R.T. -0.00 min

Lab File: BF082595.D

Acq: 31 Oct 2015 2:30

Tgt Ion:	94	Resp:	733401
Ion Ratio	Lower	Upper	
94	100		
65	38.3	18.9	58.9
66	53.6	34.9	74.9





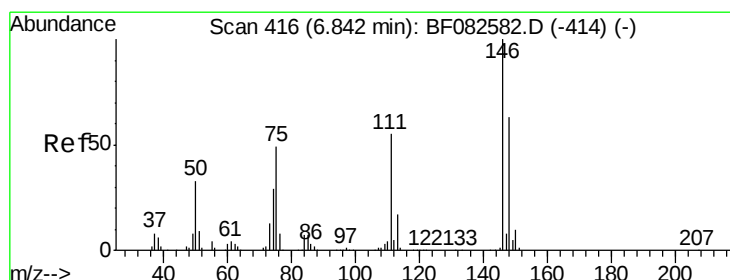
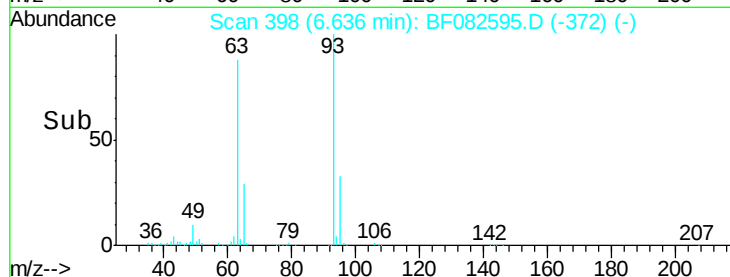
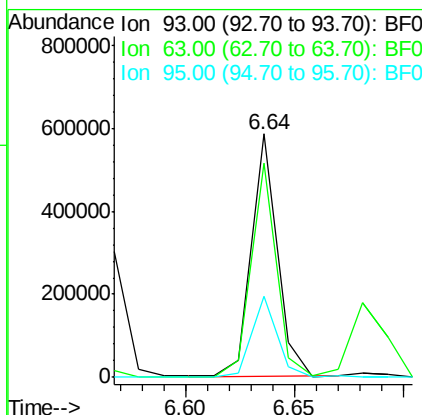
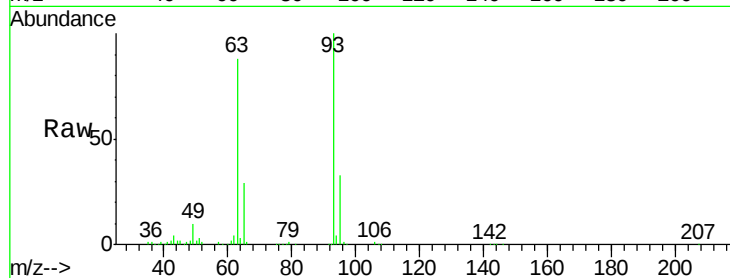
#11
bis(2-Chloroethyl)ether
Concen: 37.03 ng
RT: 6.64 min Scan# 398
Delta R.T. -0.00 min
Lab File: BF082595.D
Acq: 31 Oct 2015 2:30

Instrument :
BNA_F
ClientSampleId :
PB86203BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	87.8	72.7	112.7
95	33.2	12.0	52.0

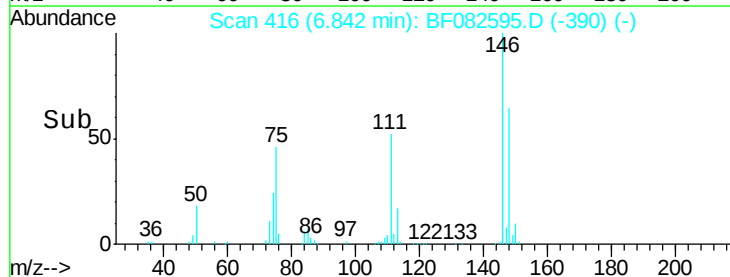
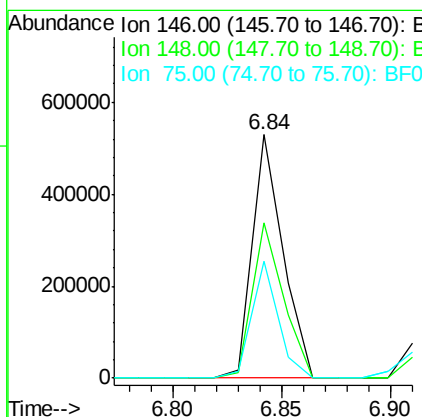
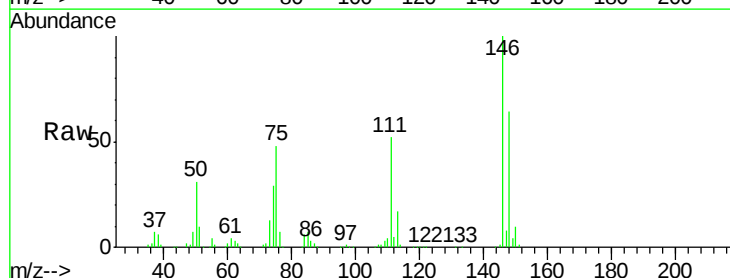
Manual Integrations
APPROVED

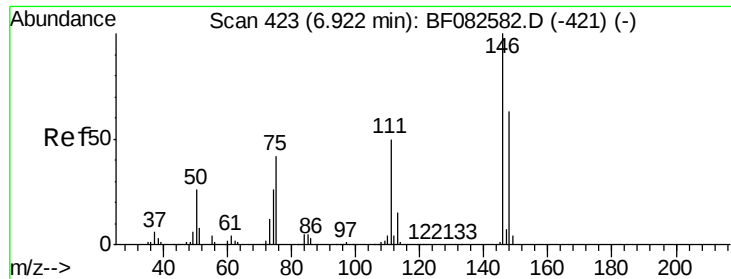
Mmdadoda
11/2/2015 4:32:06 PM



#12
1,3-Dichlorobenzene
Concen: 35.77 ng
RT: 6.84 min Scan# 416
Delta R.T. -0.00 min
Lab File: BF082595.D
Acq: 31 Oct 2015 2:30

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.5	75.7
75	48.3	39.5	59.3





#13

1,4-Dichlorobenzene

Concen: 39.52 ng

RT: 6.92 min Scan# 423

Delta R.T. -0.00 min

Lab File: BF082595.D

Acq: 31 Oct 2015 2:30

Instrument :

BNA_F

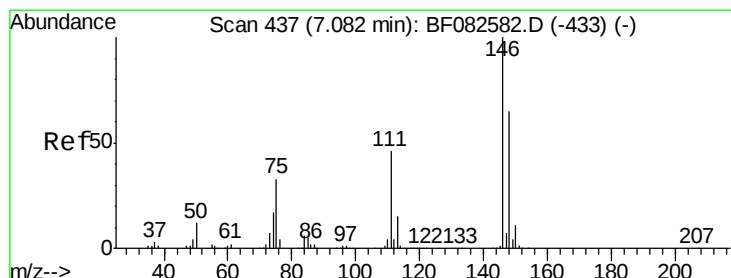
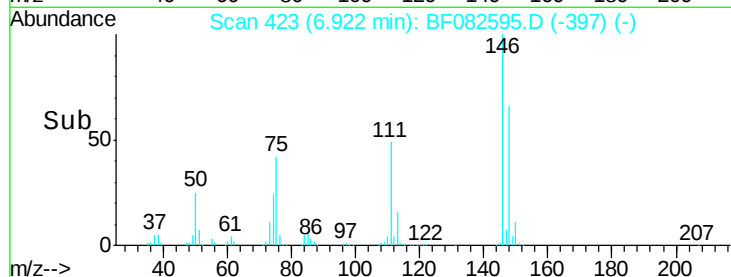
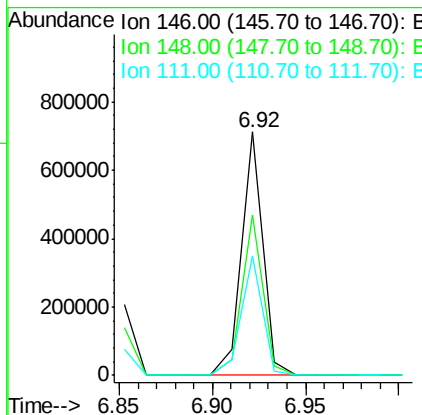
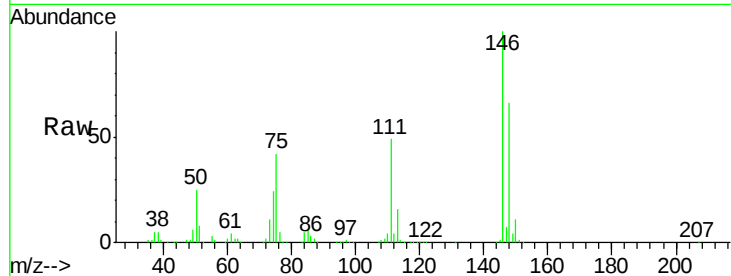
ClientSampleId :

PB86203BS

Tot Ion:	146	Resp:	567843
Ion Ratio	Lower	Upper	
146	100		
148	65.7	50.8	76.2
111	48.9	40.6	60.8

Manual Integrations
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11/2/2015 4:32:06 PM



#14

1,2-Dichlorobenzene

Concen: 38.22 ng

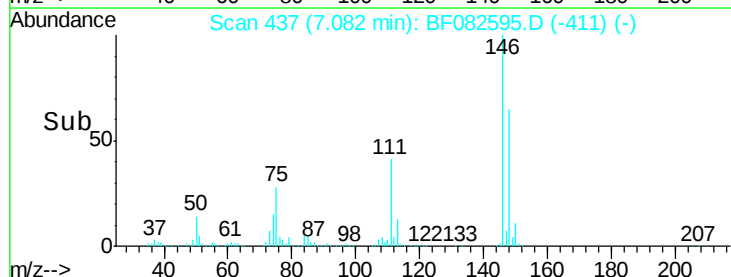
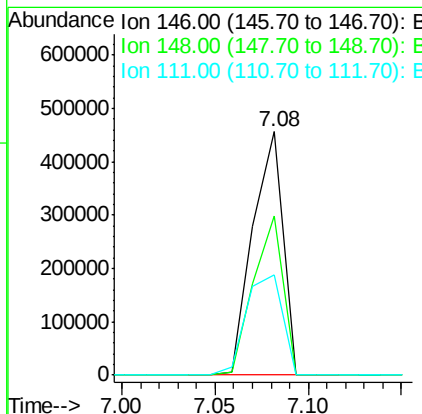
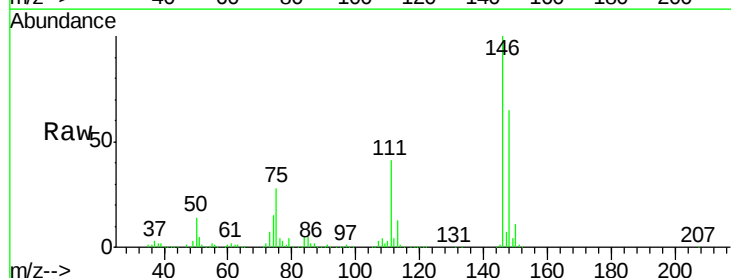
RT: 7.08 min Scan# 437

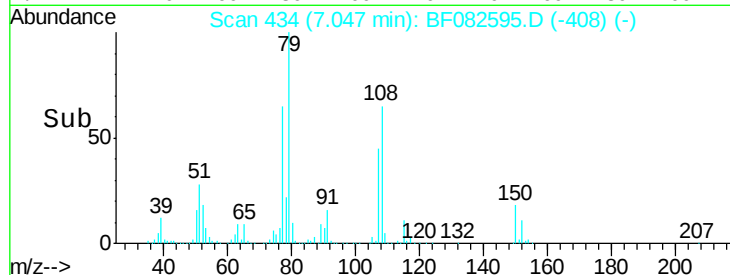
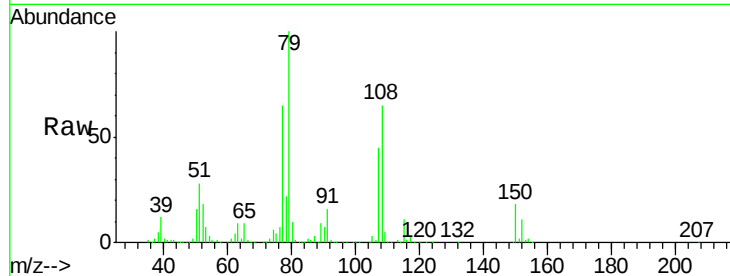
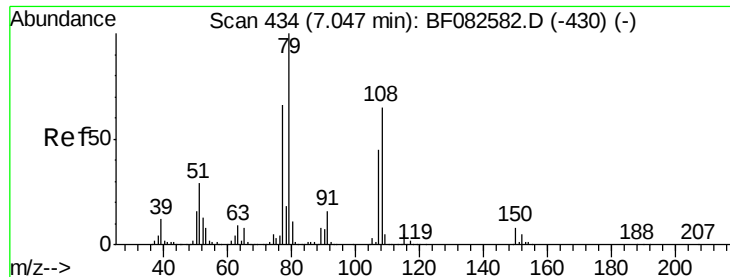
Delta R.T. -0.00 min

Lab File: BF082595.D

Acq: 31 Oct 2015 2:30

Tgt Ion:	146	Resp:	509789
Ion Ratio	Lower	Upper	
146	100		
148	65.2	52.2	78.4
111	40.9	36.6	55.0





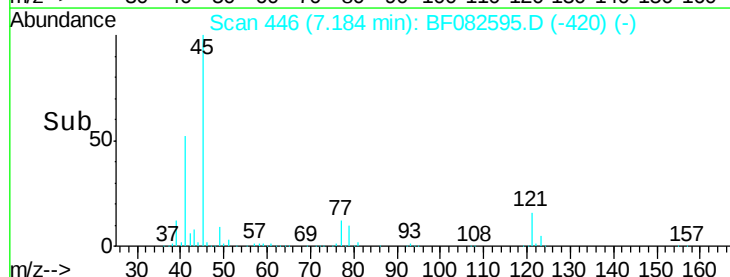
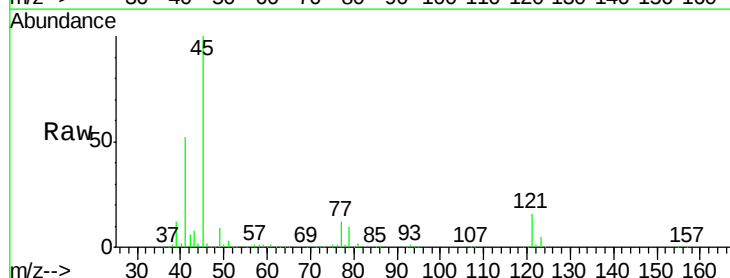
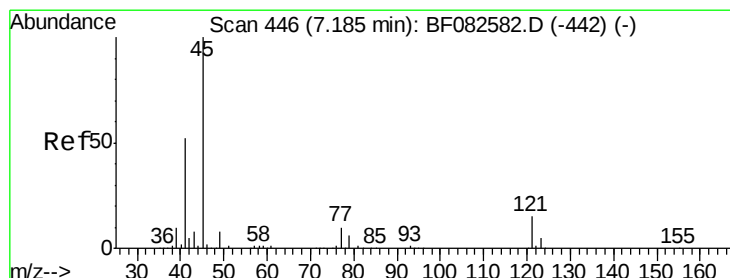
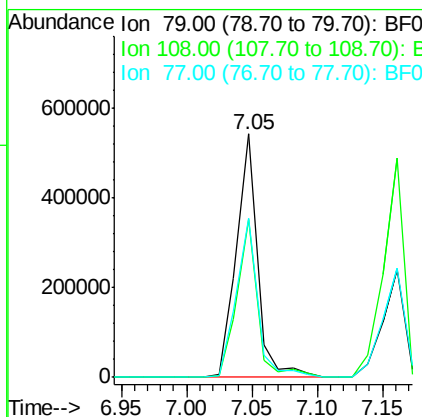
#15
Benzyl Alcohol
Concen: 42.16 ng
RT: 7.05 min Scan# 434
Delta R.T. -0.00 min
Lab File: BF082595.D
Acq: 31 Oct 2015 2:30

Tot Ion	Ratio	Lower	Upper
79	100		
108	64.7	52.2	78.4
77	65.2	52.7	79.1

Instrument :
BNA_F
ClientSampleId :
PB86203BS

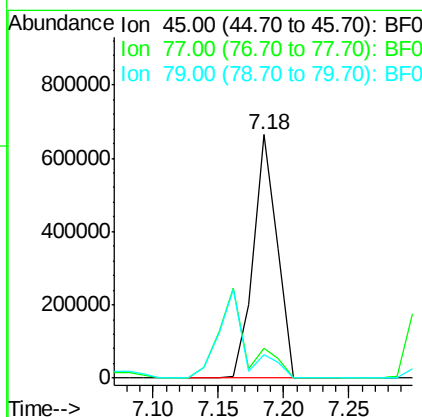
Manual Integrations
APPROVED

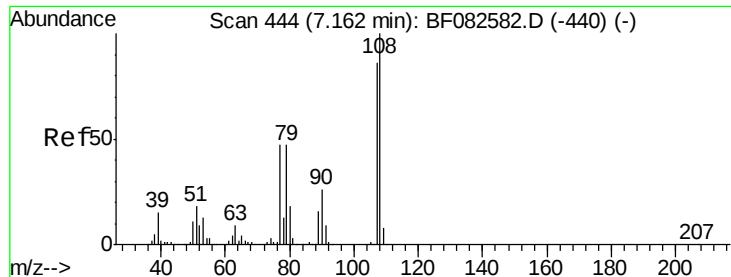
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11/2/2015 4:32:06 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.66 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.00 min
Lab File: BF082595.D
Acq: 31 Oct 2015 2:30

Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.4	0.0	32.6
79	9.7	0.0	29.2





#17

2-Methylphenol

Concen: 42.76 ng

RT: 7.16 min Scan# 444

Delta R.T. -0.00 min

Lab File: BF082595.D

Acq: 31 Oct 2015 2:30

Instrument :

BNA_F

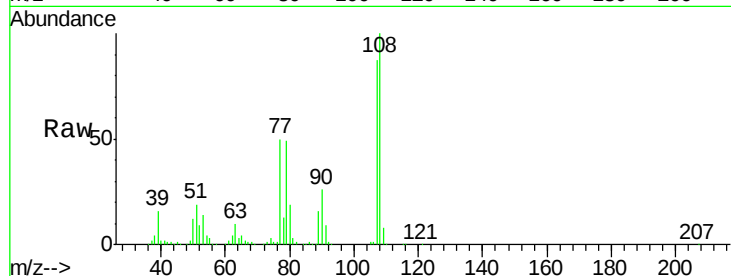
ClientSampleId :

PB86203BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.1	93.0	139.4	
77	57.3	44.1	66.1	
79	56.7	43.6	65.4	

Manual Integrations
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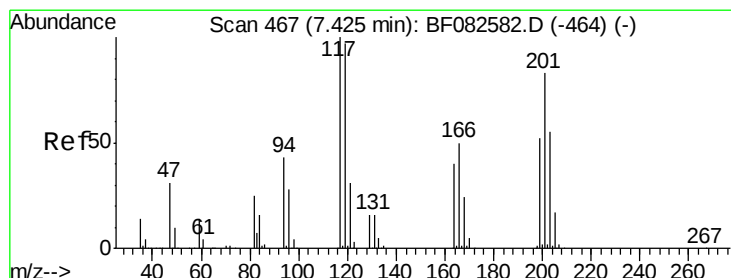
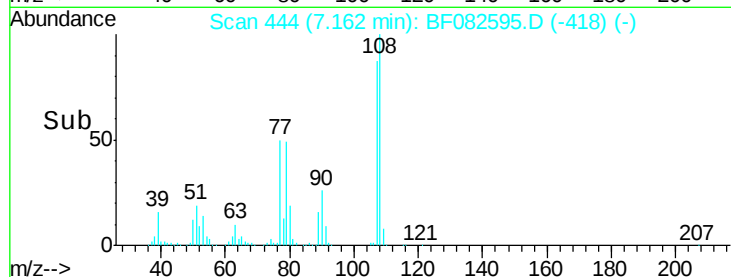
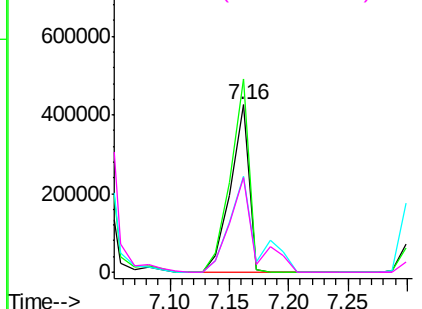
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 40.00 ng

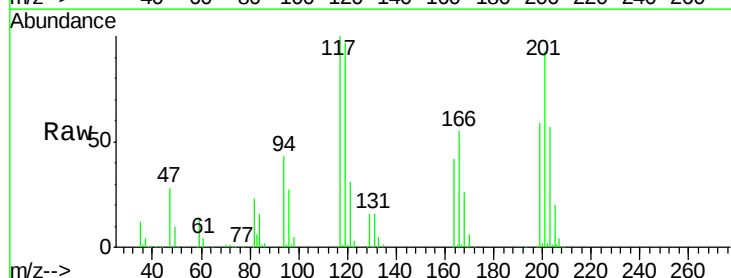
RT: 7.42 min Scan# 467

Delta R.T. -0.00 min

Lab File: BF082595.D

Acq: 31 Oct 2015 2:30

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.2	77.7	116.5	
201	93.4	66.7	100.1	

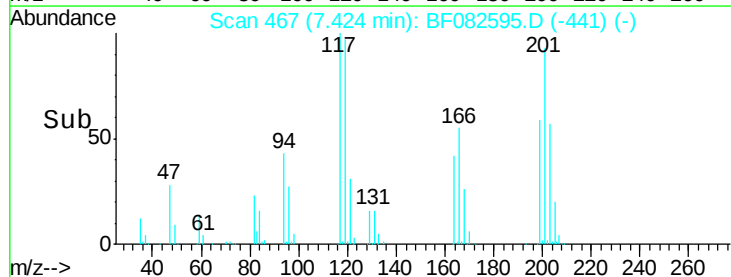
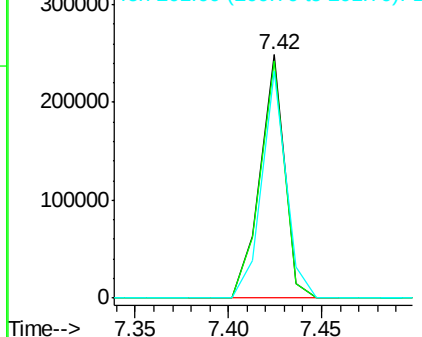


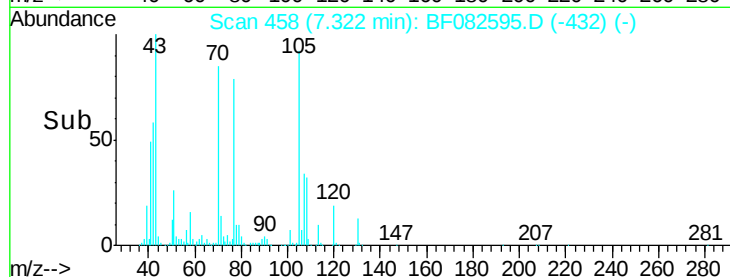
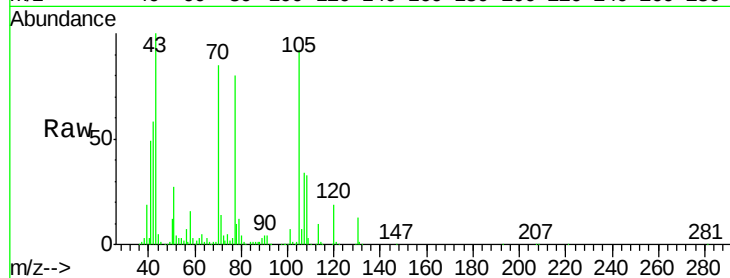
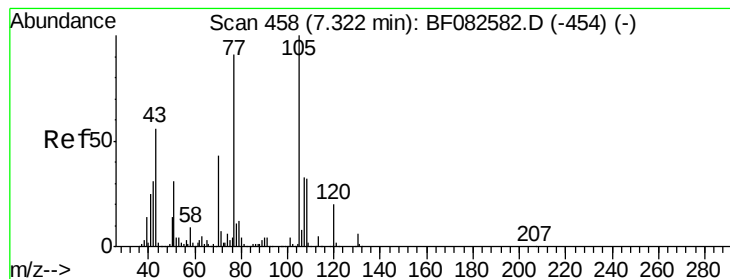
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 35.82 ng

RT: 7.32 min Scan# 458

Delta R.T. -0.00 min

Lab File: BF082595.D

Acq: 31 Oct 2015 2:30

Instrument :

BNA_F

ClientSampleId :

PB86203BS

Tot Ion: 70 Resp: 423653

Ion Ratio Lower Upper

70 100

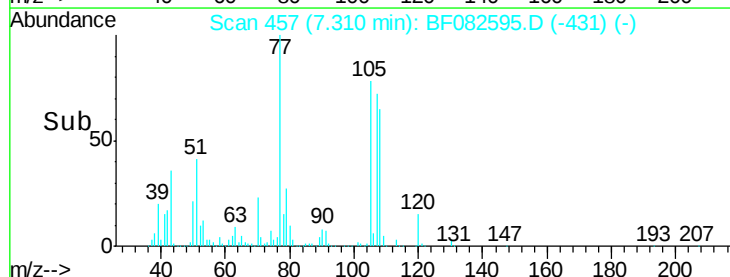
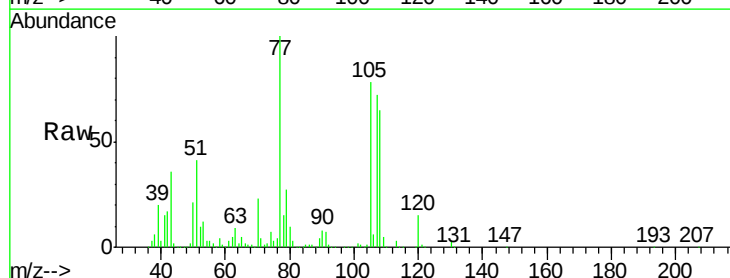
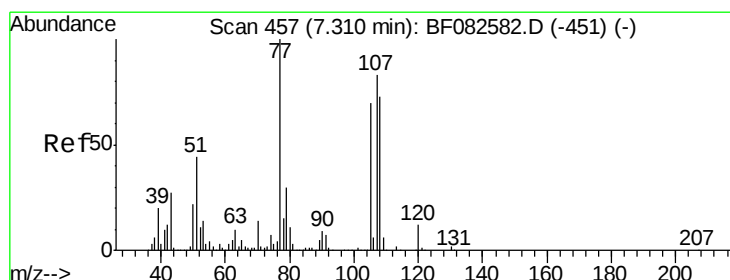
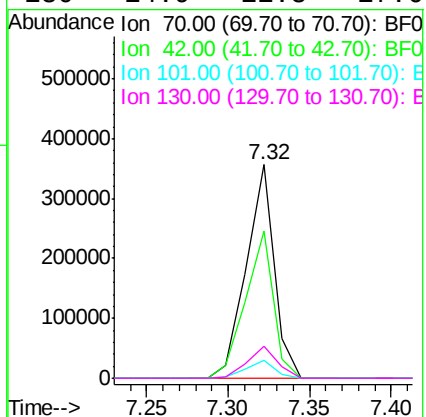
42 68.9 57.7 86.5

101 8.4 7.0 10.6

130 14.9 11.8 17.6

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#20

3+4-Methylphenols

Concen: 36.86 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.00 min

Lab File: BF082595.D

Acq: 31 Oct 2015 2:30

Tgt Ion: 107 Resp: 517522

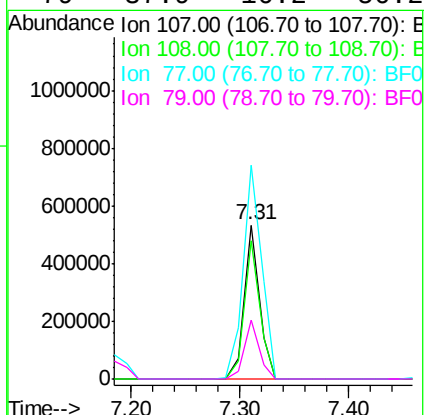
Ion Ratio Lower Upper

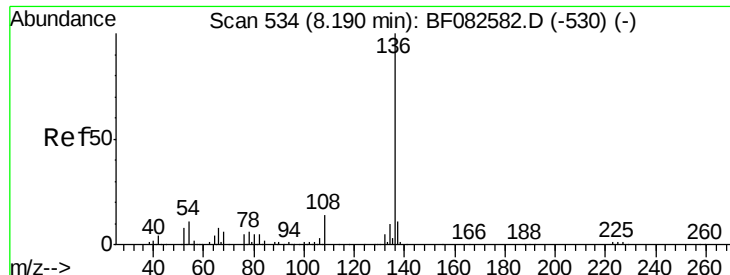
107 100

108 89.8 67.3 107.3

77 138.8 100.3 140.3

79 37.9 16.2 56.2





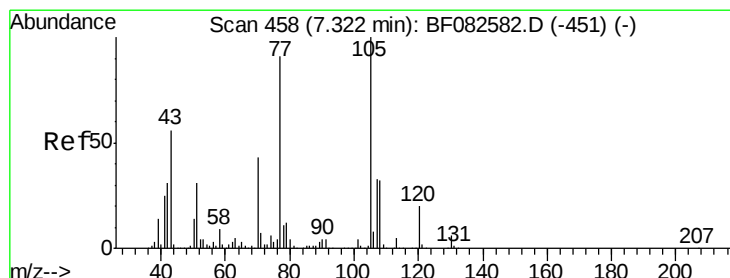
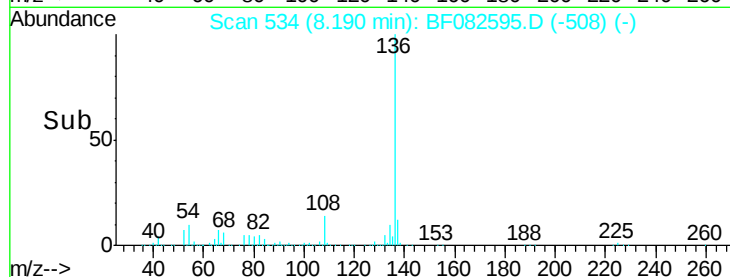
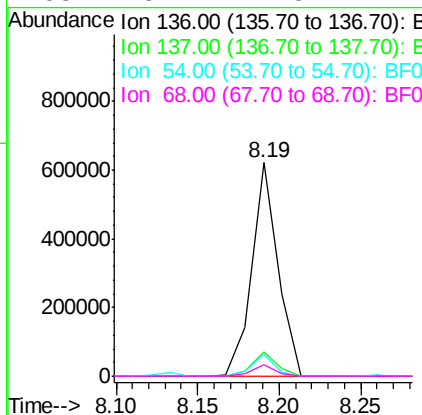
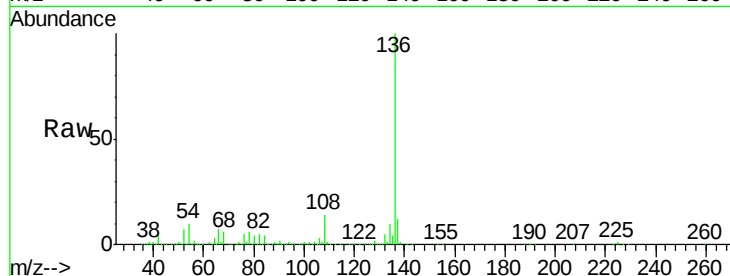
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.00 min
Lab File: BF082595.D
Acq: 31 Oct 2015 2:30

Instrument :
BNA_F
ClientSampleId :
PB86203BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		688893		
137	11.5	9.1	13.7		
54	10.3	9.1	13.7		
68	5.7	4.8	7.2		

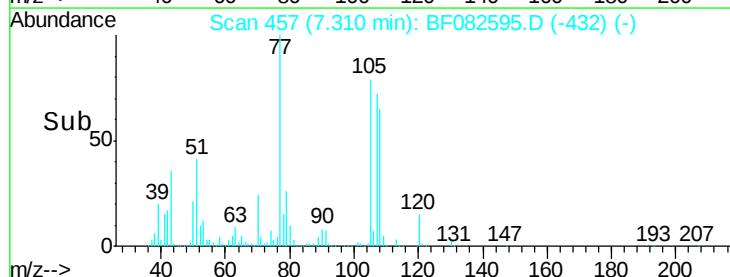
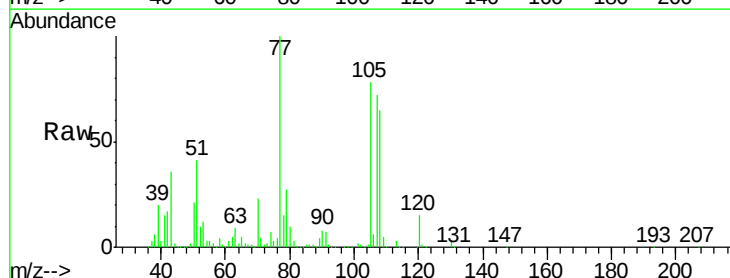
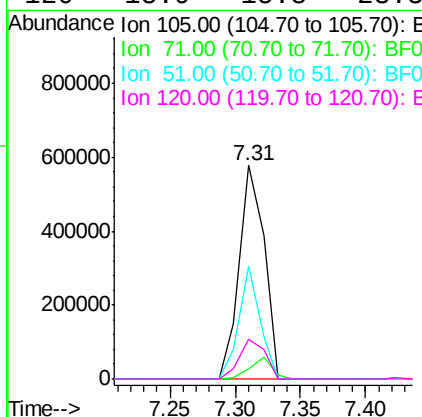
Manual Integrations
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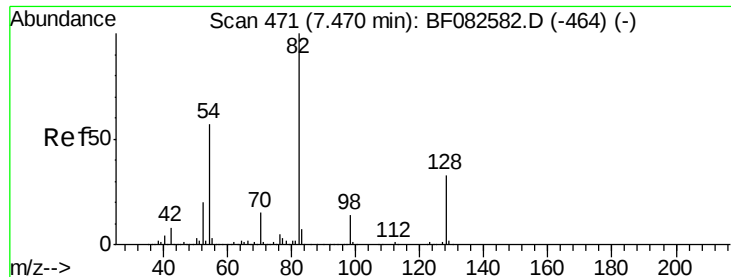
Mmdadoda
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#22
Acetophenone
Concen: 37.88 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.01 min
Lab File: BF082595.D
Acq: 31 Oct 2015 2:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		768327		
71	4.7	5.6	8.4#		
51	53.0	24.9	37.3#		
120	18.9	15.8	23.8		





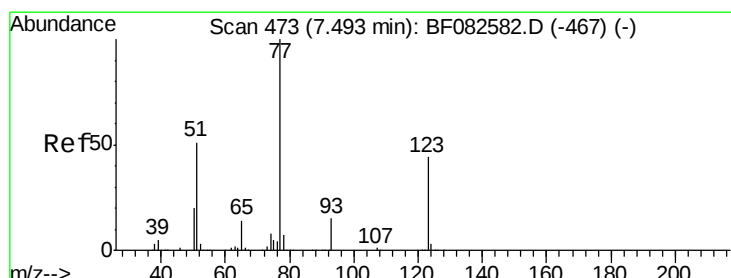
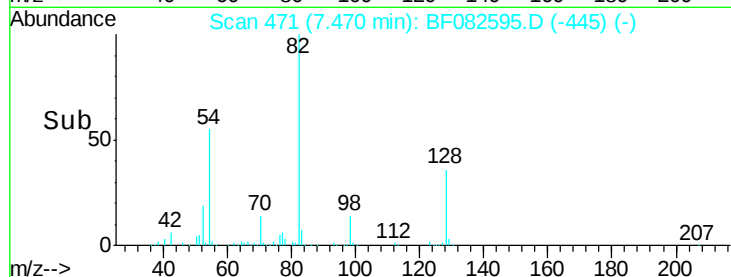
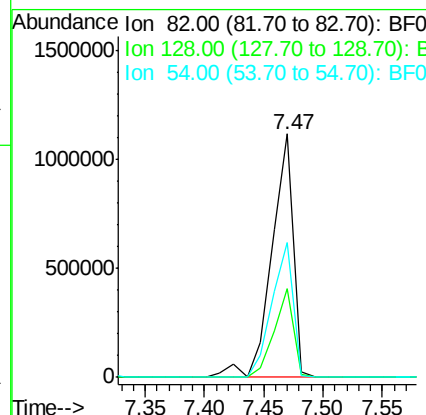
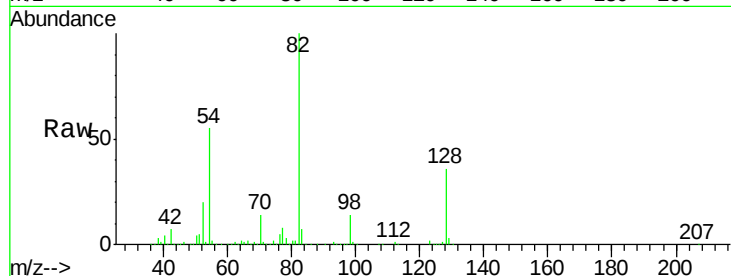
#23
 Nitrobenzene-d5
 Concen: 83.83 ng
 RT: 7.47 min Scan# 471
 Delta R.T. -0.00 min
 Lab File: BF082595.D
 Acq: 31 Oct 2015 2:30

Instrument :
 BNA_F
 ClientSampleId :
 PB86203BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	36.2	26.8	40.2
54	55.5	45.7	68.5

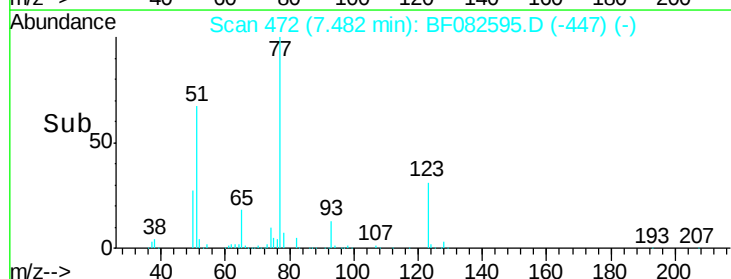
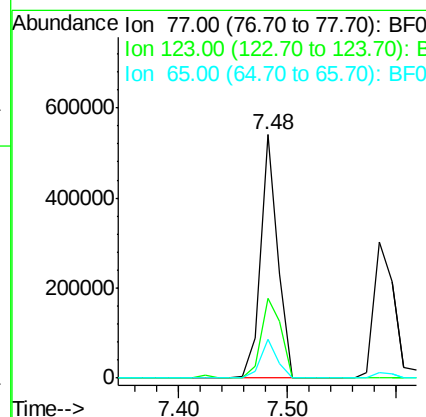
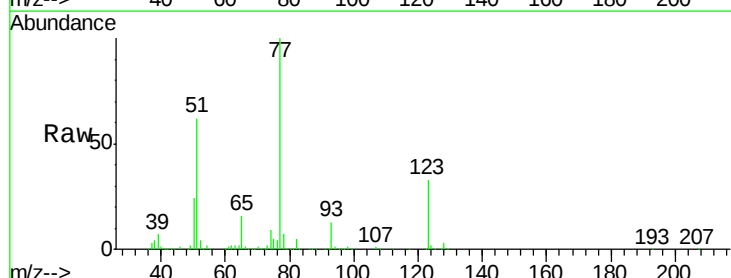
Manual Integrations
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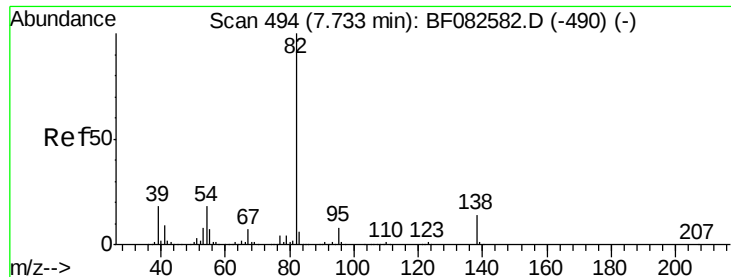
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#24
 Nitrobenzene
 Concen: 34.90 ng
 RT: 7.48 min Scan# 472
 Delta R.T. -0.01 min
 Lab File: BF082595.D
 Acq: 31 Oct 2015 2:30

Tgt Ion	Ratio	Lower	Upper
77	100		
123	32.7	36.4	54.6#
65	16.1	11.5	17.3





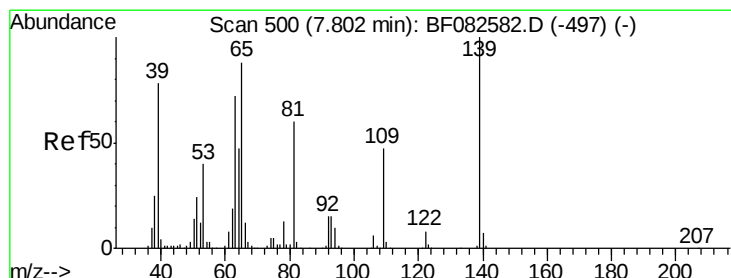
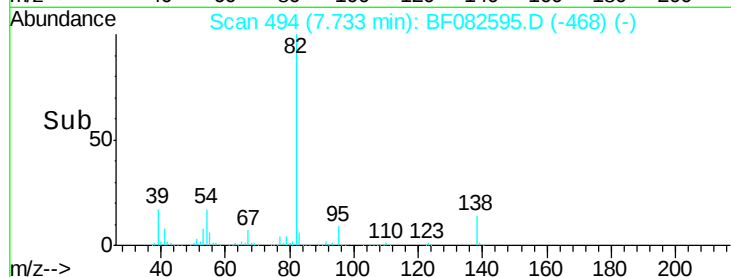
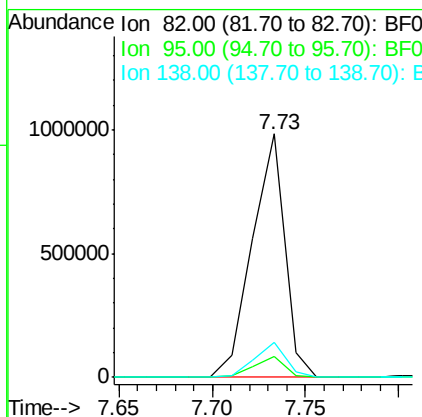
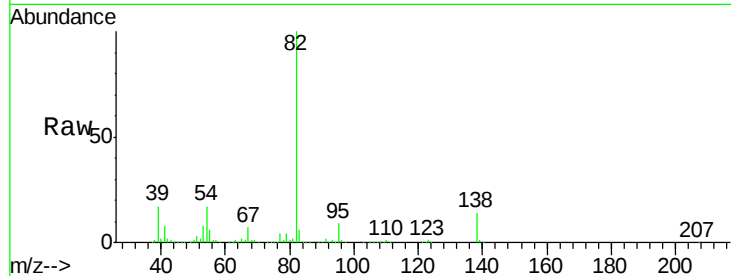
#25
Isophorone
Concen: 38.28 ng
RT: 7.73 min Scan# 494
Delta R.T. -0.00 min
Lab File: BF082595.D
Acq: 31 Oct 2015 2:30

Instrument :
BNA_F
ClientSampleId :
PB86203BS

Tot Ion	82	Resp	1188143
Ion Ratio	100	Lower	Upper
82	100		
95	8.5	6.6	9.8
138	14.3	11.4	17.0

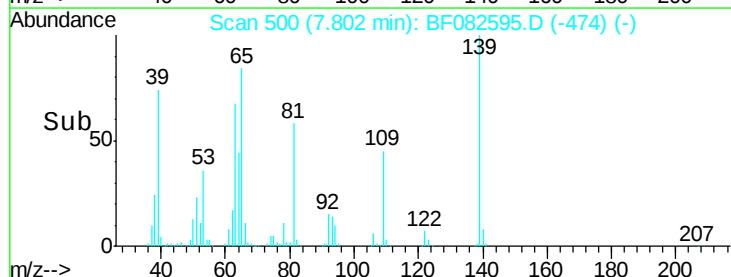
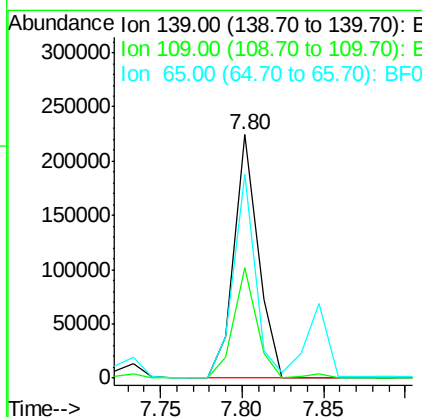
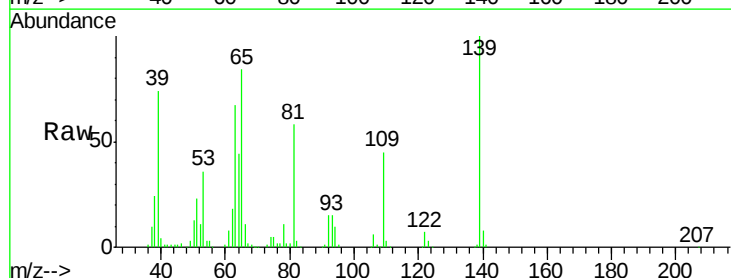
Manual Integrations
APPROVED

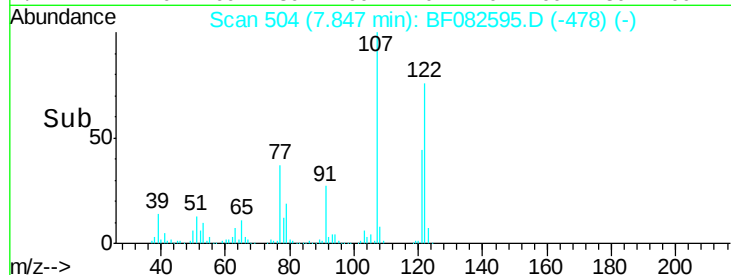
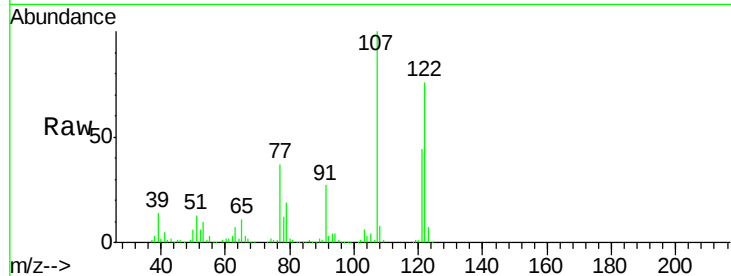
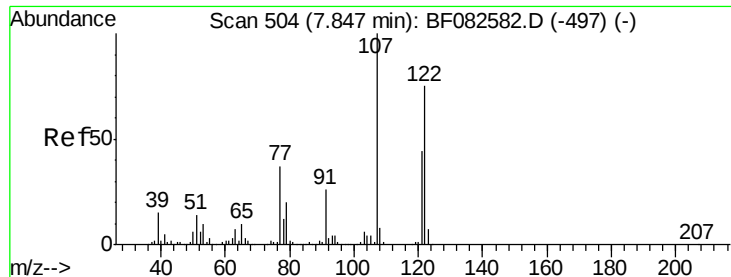
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#26
2-Nitrophenol
Concen: 37.01 ng
RT: 7.80 min Scan# 500
Delta R.T. -0.00 min
Lab File: BF082595.D
Acq: 31 Oct 2015 2:30

Tgt Ion	139	Resp	230553
Ion Ratio	100	Lower	Upper
139	100		
109	45.5	37.6	56.4
65	83.7	70.6	105.8





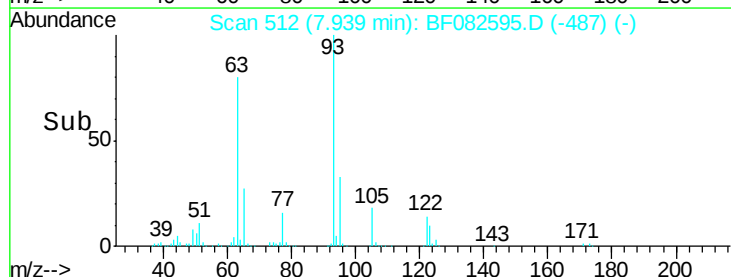
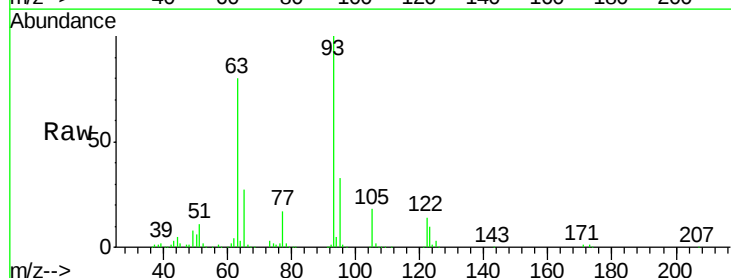
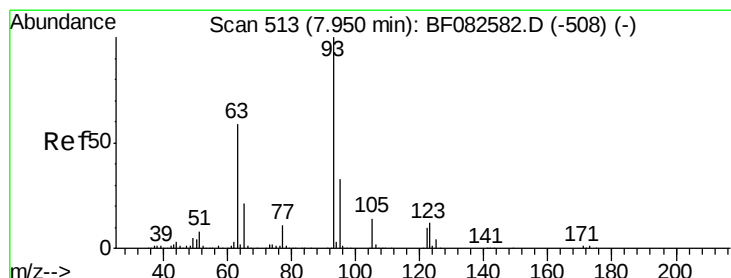
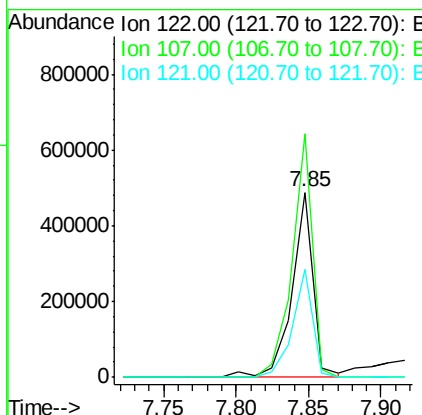
#27
2,4-Dimethylphenol
Concen: 40.80 ng
RT: 7.85 min Scan# 504
Delta R.T. -0.00 min
Lab File: BF082595.D
Acq: 31 Oct 2015 2:30

Tot Ion	Ratio	Resp	Lower	Upper
122	100	496164		
107	131.4	106.0	159.0	
121	58.0	46.7	70.1	

Instrument :
BNA_F
ClientSampleId :
PB86203BS

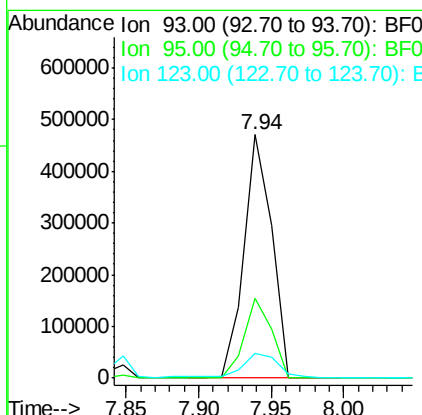
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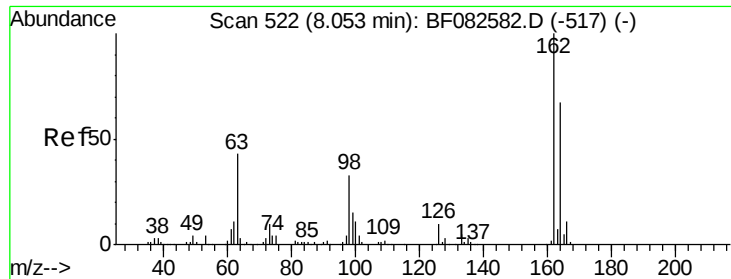
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#28
bis(2-Chloroethoxy)methane
Concen: 36.72 ng
RT: 7.94 min Scan# 512
Delta R.T. -0.01 min
Lab File: BF082595.D
Acq: 31 Oct 2015 2:30

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	623425		
95	32.9	26.6	40.0	
123	10.3	9.7	14.5	





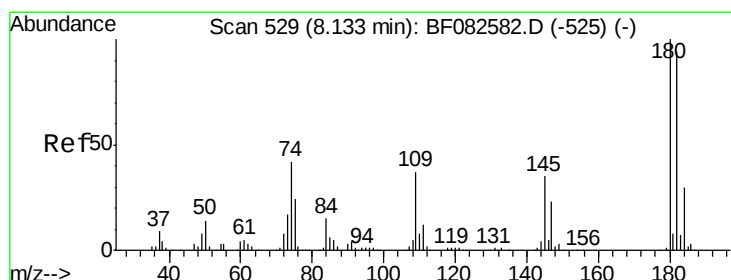
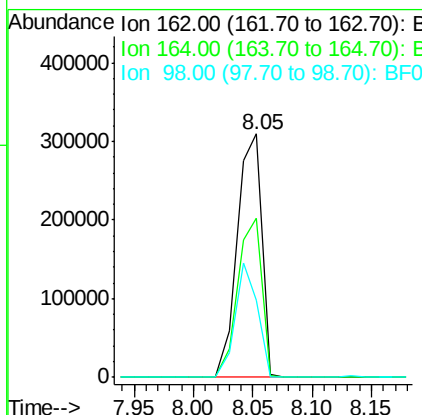
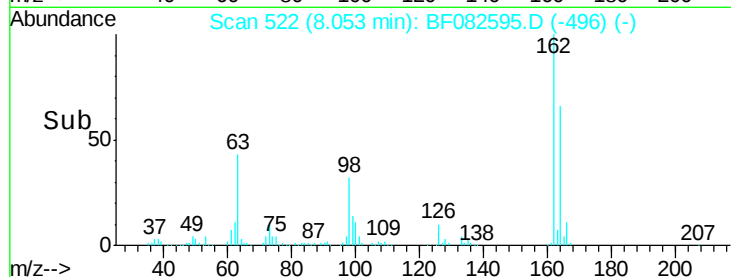
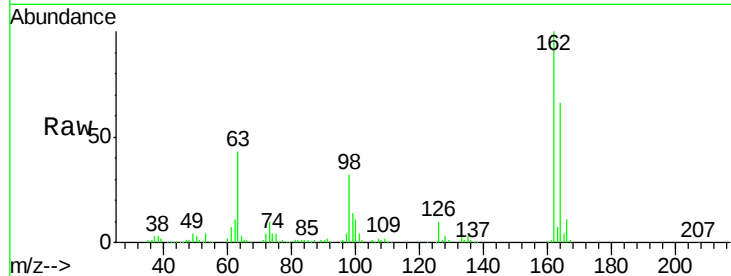
#29
 2,4-Dichlorophenol
 Concen: 40.28 ng
 RT: 8.05 min Scan# 522
 Delta R.T. -0.00 min
 Lab File: BF082595.D
 Acq: 31 Oct 2015 2:30

Instrument :
 BNA_F
 ClientSampleId :
 PB86203BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		446424		
164	65.6	46.8		86.8	
98	31.5	12.5		52.5	

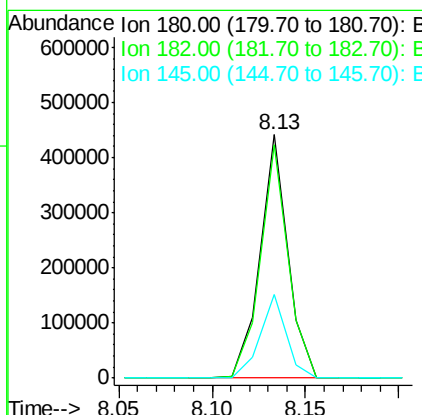
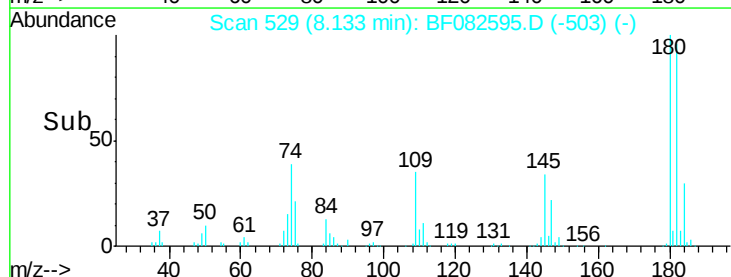
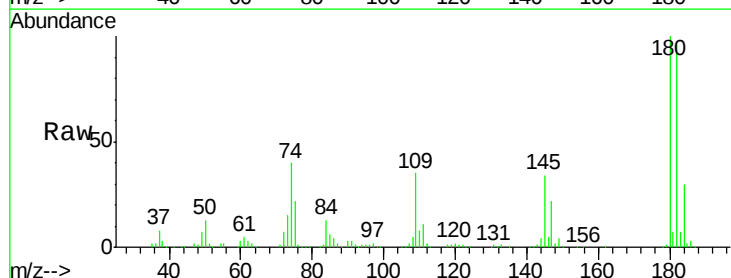
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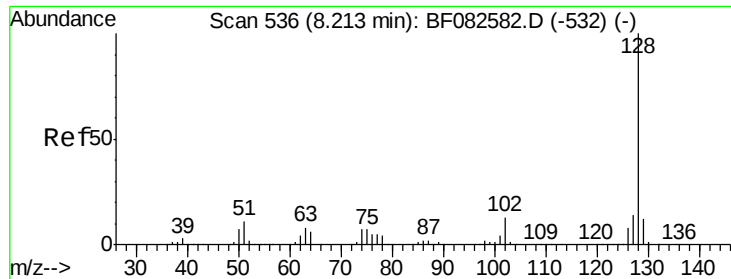
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#30
 1,2,4-Trichlorobenzene
 Concen: 36.77 ng
 RT: 8.13 min Scan# 529
 Delta R.T. -0.00 min
 Lab File: BF082595.D
 Acq: 31 Oct 2015 2:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		452259		
182	96.1	74.9		112.3	
145	34.2	27.8		41.8	





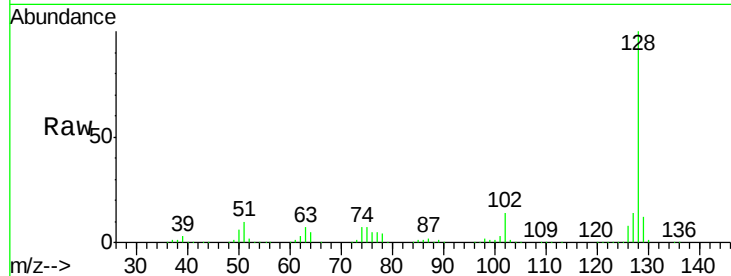
#31
Naphthalene
Concen: 35.92 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.00 min
Lab File: BF082595.D
Acq: 31 Oct 2015 2:30

Instrument :
BNA_F
ClientSampleId :
PB86203BS

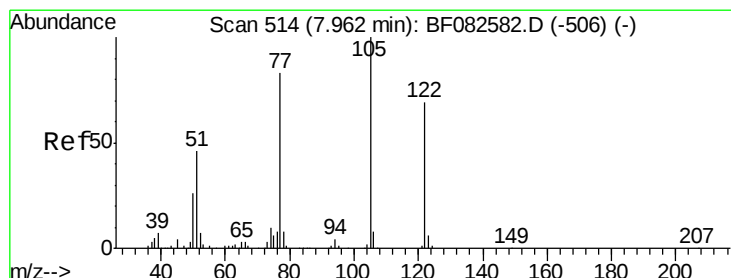
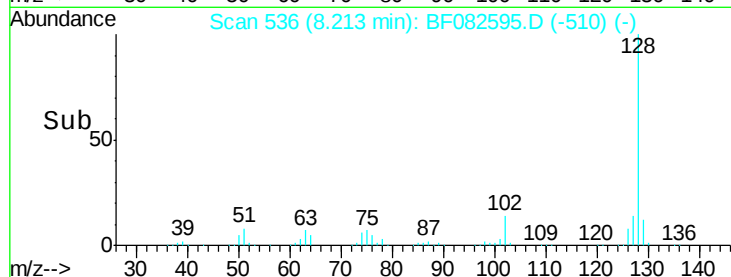
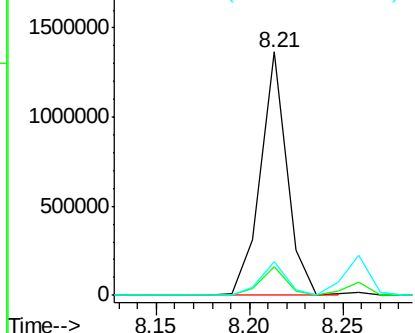
Tot Ion:128 Resp: 1339133
Ion Ratio Lower Upper
128 100
129 11.8 9.5 14.3
127 14.1 11.4 17.0

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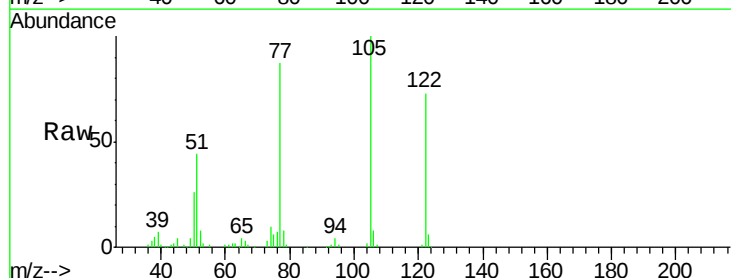


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

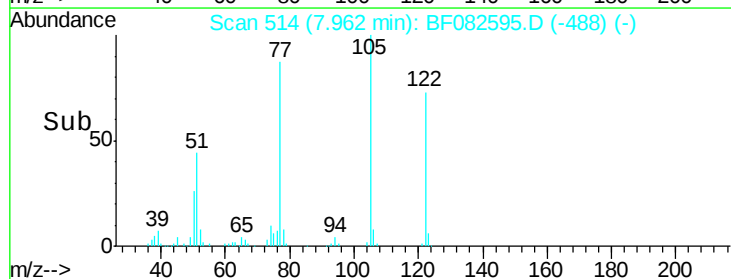
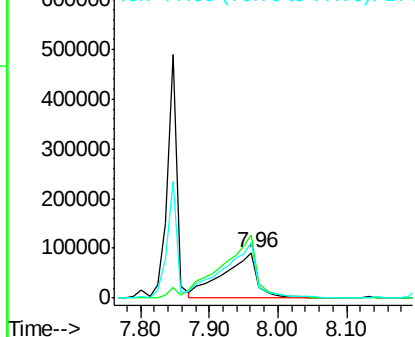


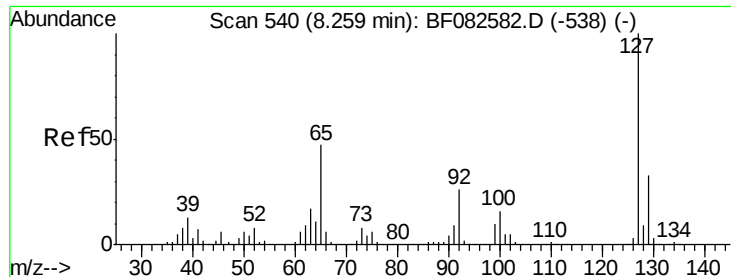
#32
Benzoic acid
Concen: 36.35 ng
RT: 7.96 min Scan# 514
Delta R.T. 0.00 min
Lab File: BF082595.D
Acq: 31 Oct 2015 2:30

Tgt Ion:122 Resp: 320630
Ion Ratio Lower Upper
122 100
105 137.8 122.6 162.6
77 120.5 100.9 140.9



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





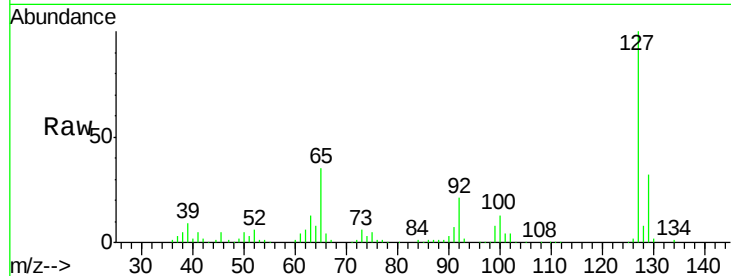
#33
4-Chloroaniline
Concen: 13.85 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.00 min
Lab File: BF082595.D
Acq: 31 Oct 2015 2:30

Instrument :
BNA_F
ClientSampleId :
PB86203BS

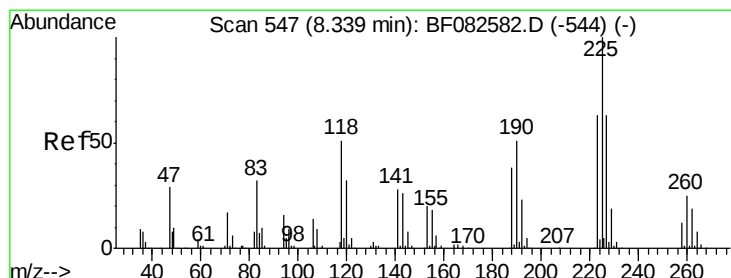
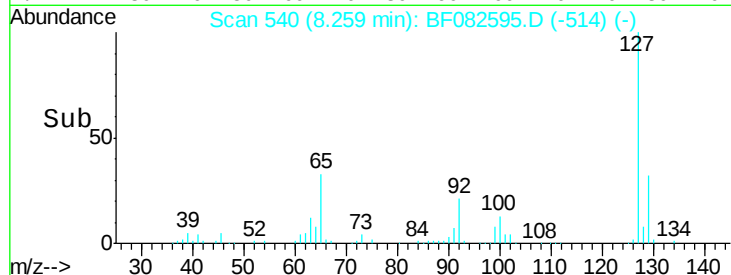
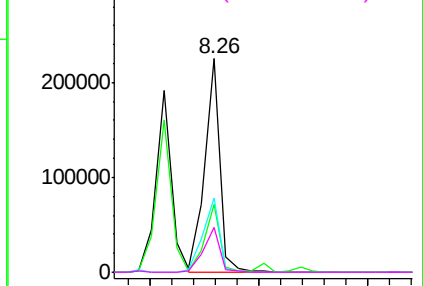
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.6	26.3	39.5		
65	34.8	37.8	56.8		
92	21.1	20.6	31.0		

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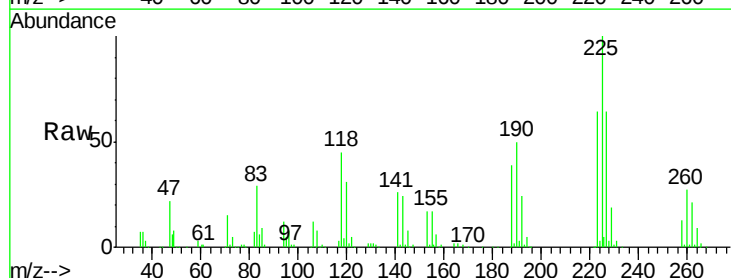


Abundance Ion 127.00 (126.70 to 127.70): E

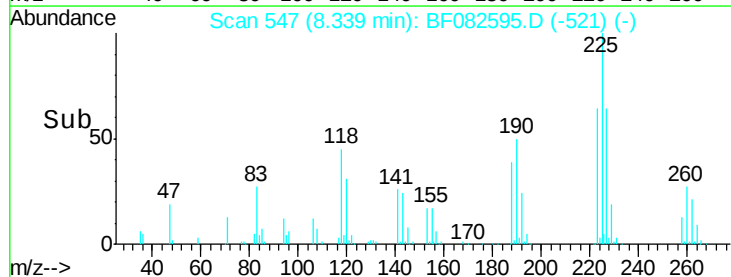
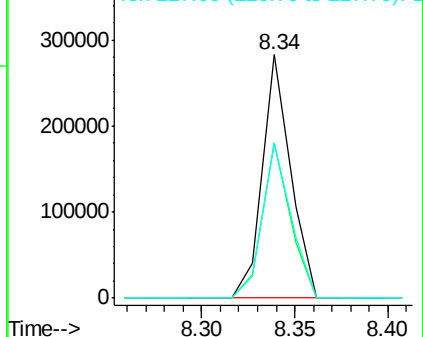


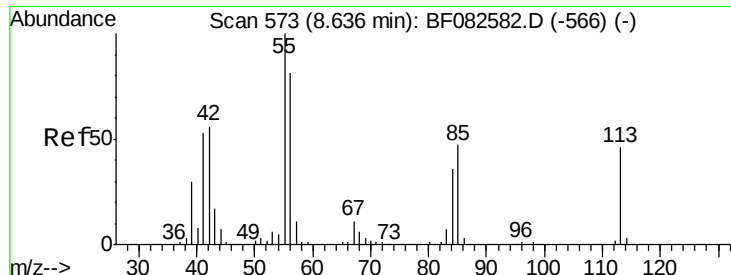
#34
Hexachlorobutadiene
Concen: 37.80 ng
RT: 8.34 min Scan# 547
Delta R.T. -0.00 min
Lab File: BF082595.D
Acq: 31 Oct 2015 2:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.0	50.5	75.7		
227	64.0	50.2	75.2		



Abundance Ion 225.00 (224.70 to 225.70): E





#35

Caprolactam

Concen: 40.14 ng

RT: 8.62 min Scan# 572

Delta R.T. -0.01 min

Lab File: BF082595.D

Acq: 31 Oct 2015 2:30

Instrument :

BNA_F

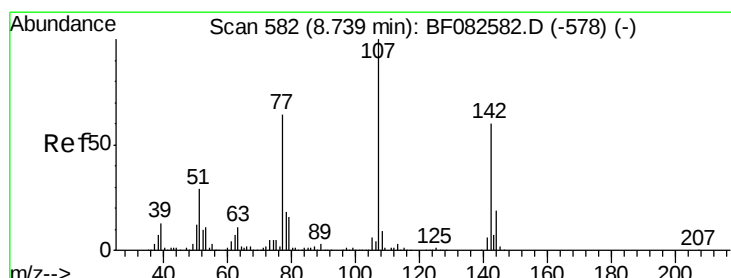
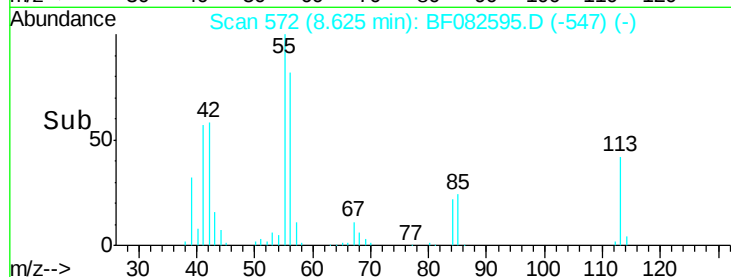
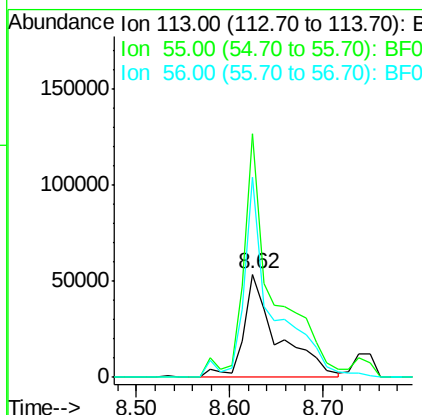
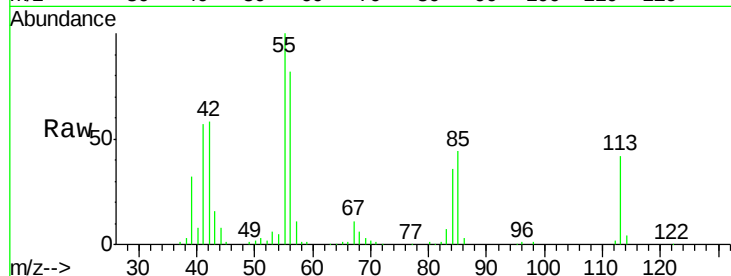
ClientSampleId :

PB86203BS

Tot Ion:	113	Resp:	136513
Ion Ratio	Lower	Upper	
113	100		
55	236.0	195.5	235.5#
56	193.6	153.5	193.5#

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#36

4-Chloro-3-methylphenol

Concen: 41.17 ng

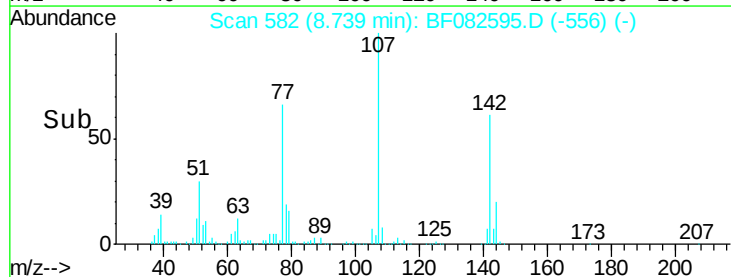
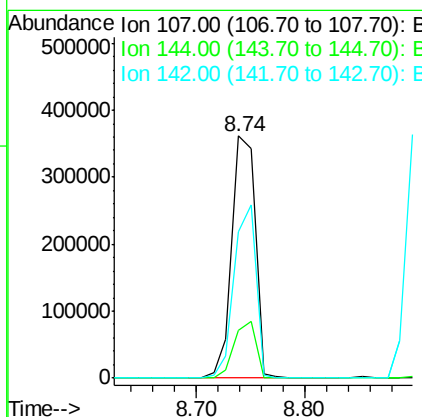
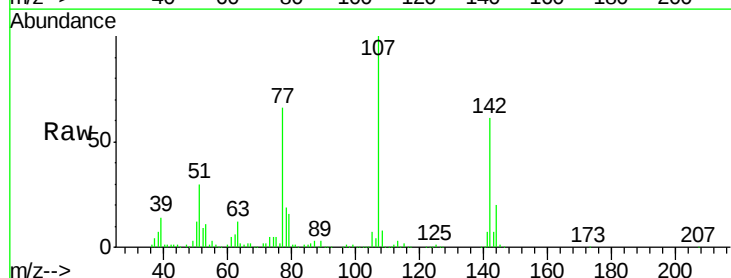
RT: 8.74 min Scan# 582

Delta R.T. -0.00 min

Lab File: BF082595.D

Acq: 31 Oct 2015 2:30

Tgt Ion:	107	Resp:	537348
Ion Ratio	Lower	Upper	
107	100		
144	19.5	15.4	23.0
142	60.6	47.8	71.8





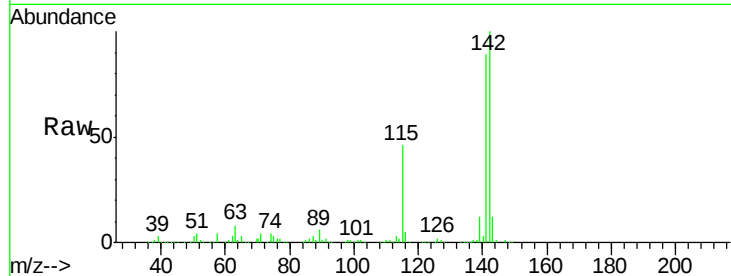
#37
2-Methylnaphthalene
Concen: 42.46 ng
RT: 8.91 min Scan# 597
Delta R.T. -0.00 min
Lab File: BF082595.D
Acq: 31 Oct 2015 2:30

Instrument :
BNA_F
ClientSampleId :
PB86203BS

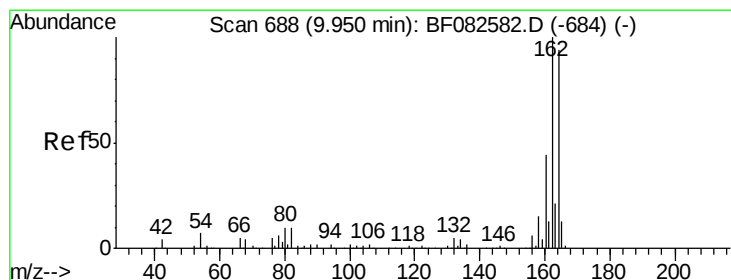
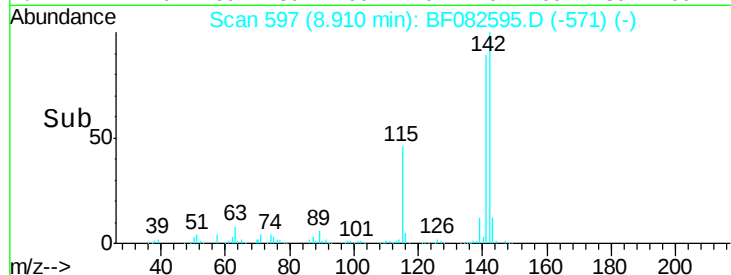
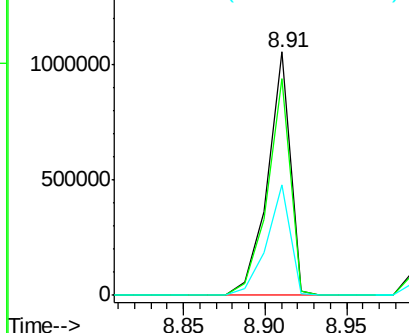
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	72.3	108.5
115	45.6	38.1	57.1

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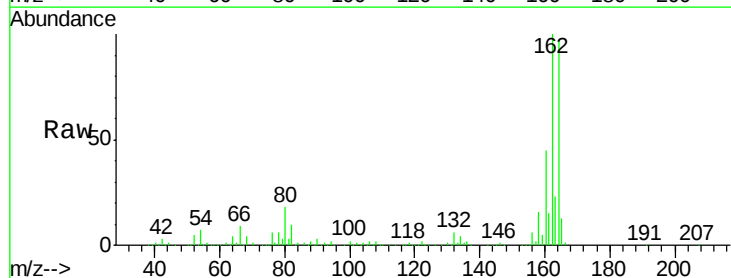


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

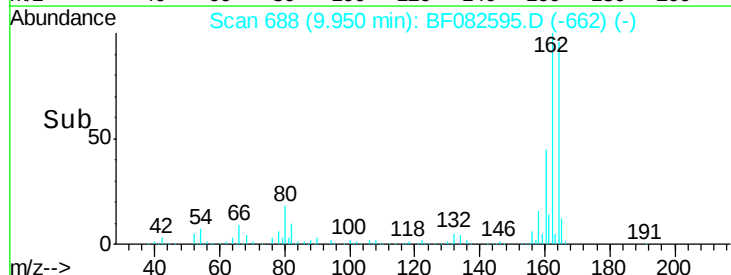
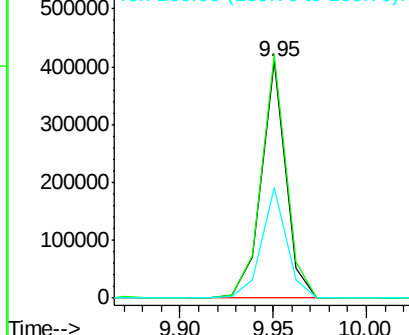


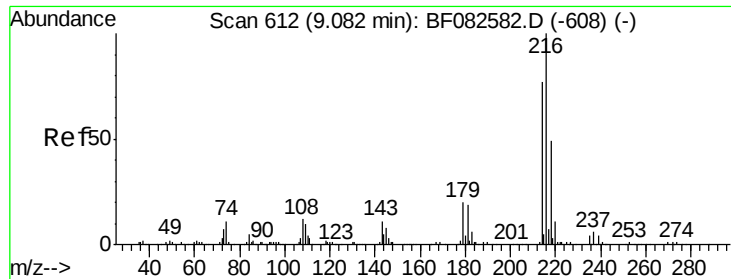
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.00 min
Lab File: BF082595.D
Acq: 31 Oct 2015 2:30

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.7	84.9	127.3
160	46.4	37.5	56.3



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.40 ng

RT: 9.08 min Scan# 612

Delta R.T. -0.00 min

Lab File: BF082595.D

Acq: 31 Oct 2015 2:30

Instrument :

BNA_F

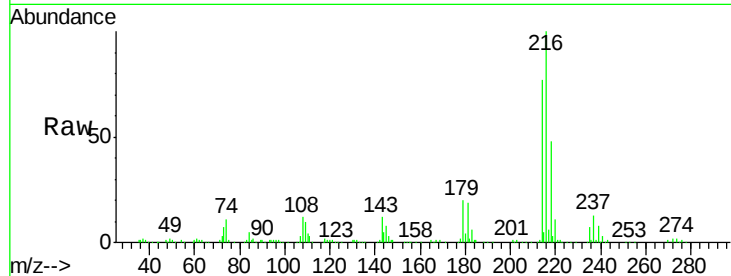
ClientSampleId :

PB86203BS

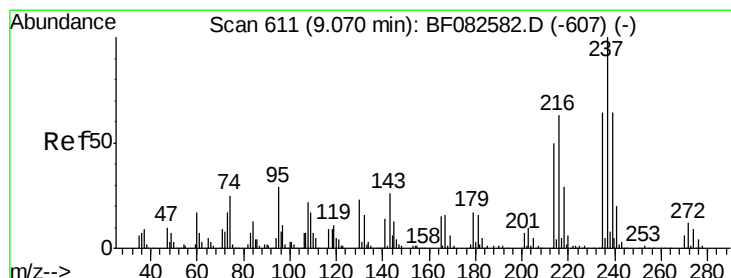
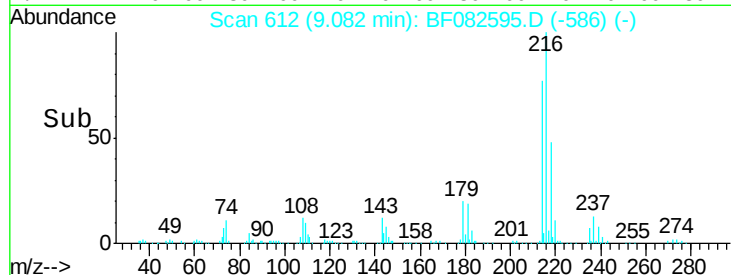
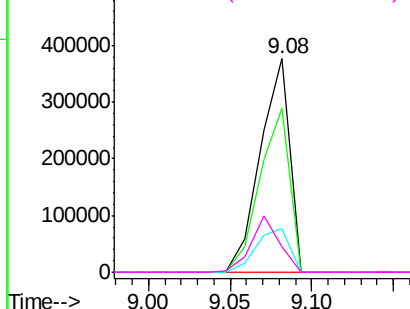
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		472685		
214	77.8	62.2	93.2		
179	22.8	18.1	27.1		
108	25.3	16.6	25.0		



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: 84.22 ng

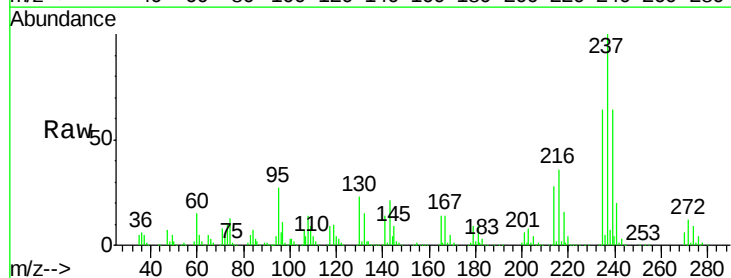
RT: 9.07 min Scan# 611

Delta R.T. -0.00 min

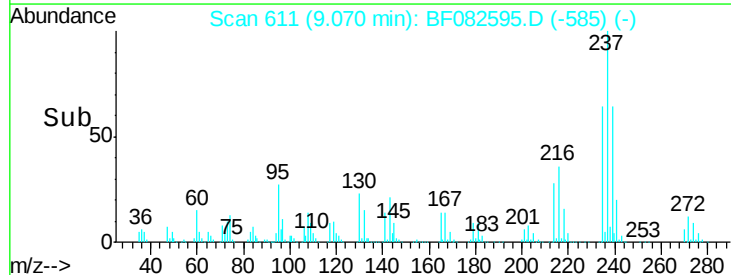
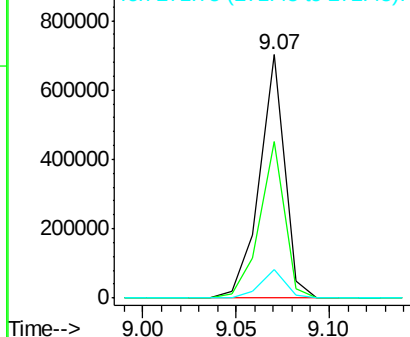
Lab File: BF082595.D

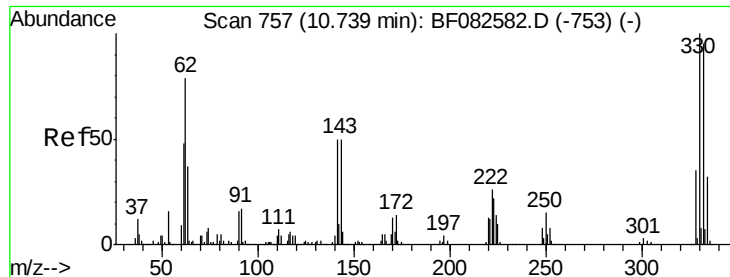
Acq: 31 Oct 2015 2:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		651653		
235	64.1	44.3	84.3		
272	11.5	0.0	31.9		



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E





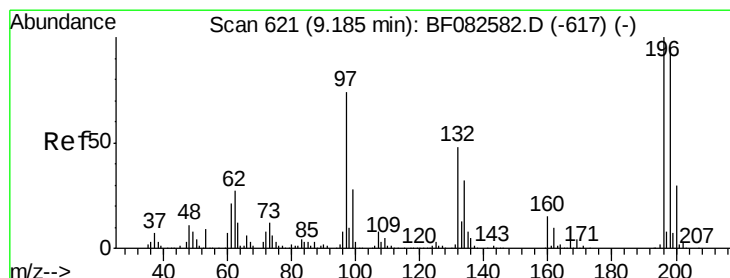
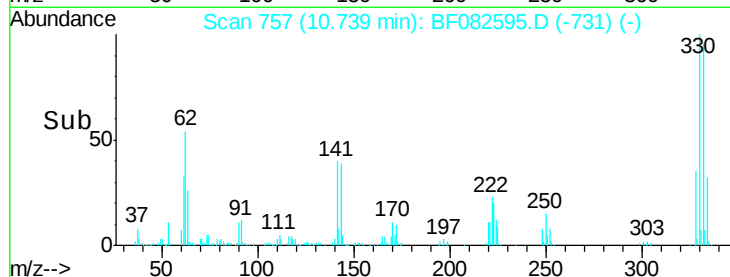
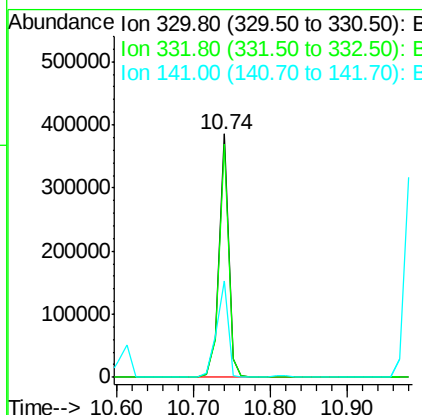
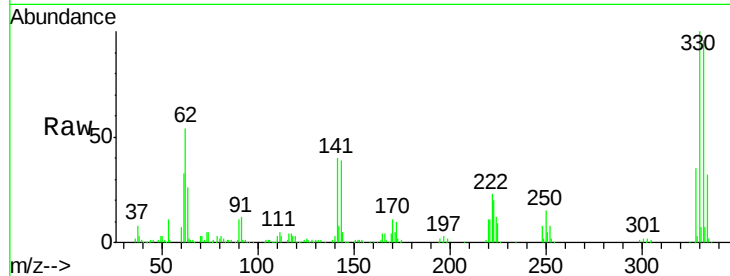
#41
 2,4,6-Tribromophenol
 Concen: 83.28 ng
 RT: 10.74 min Scan# 757
 Delta R.T. -0.00 min
 Lab File: BF082595.D
 Acq: 31 Oct 2015 2:30

Instrument :
 BNA_F
 ClientSampleId :
 PB86203BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	336176		
332	95.4	76.6	114.8	
141	46.9	41.2	61.8	

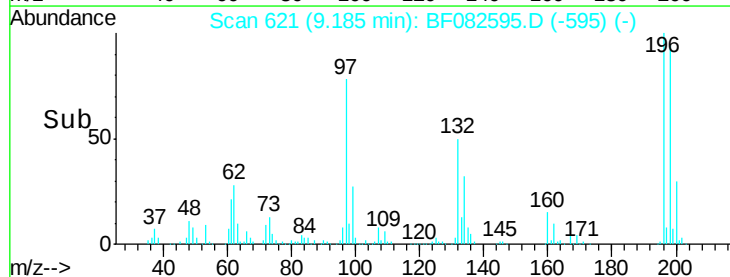
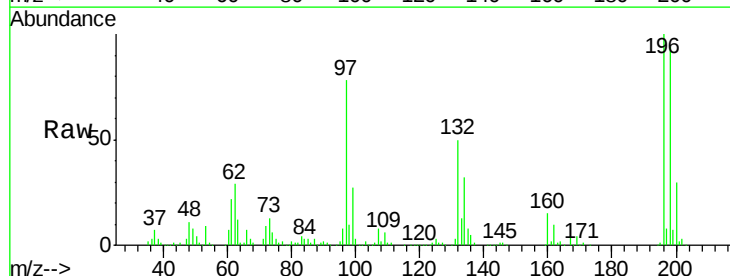
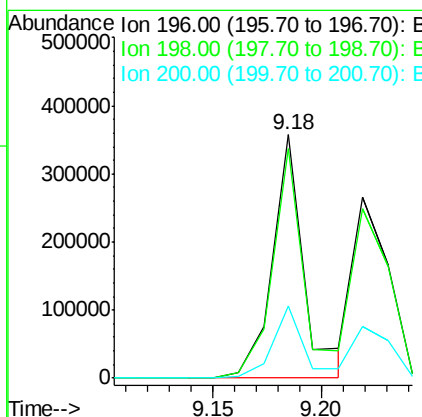
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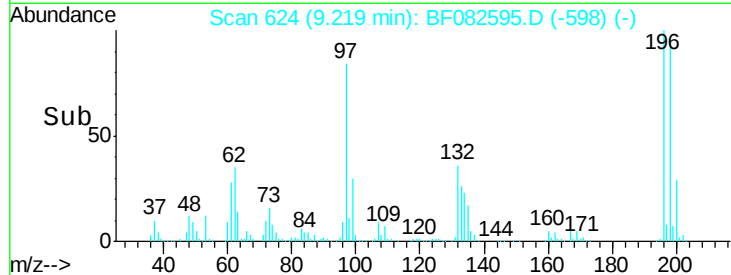
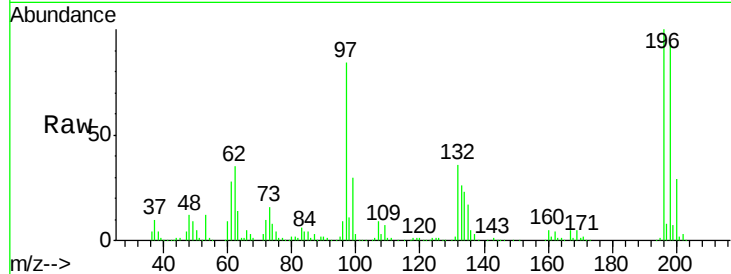
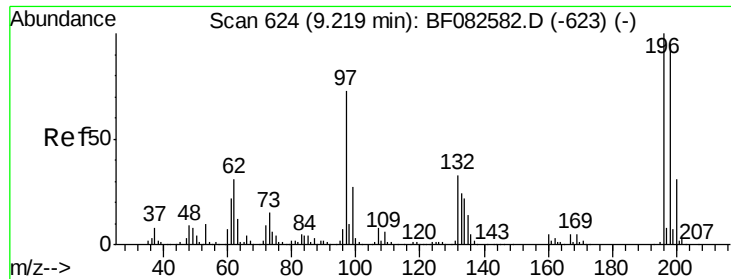
Mmdadoda
 11/2/2015 4:32:06 PM



#42
 2,4,6-Trichlorophenol
 Concen: 40.74 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.00 min
 Lab File: BF082595.D
 Acq: 31 Oct 2015 2:30

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	362065		
198	94.4	76.3	114.5	
200	29.8	23.9	35.9	





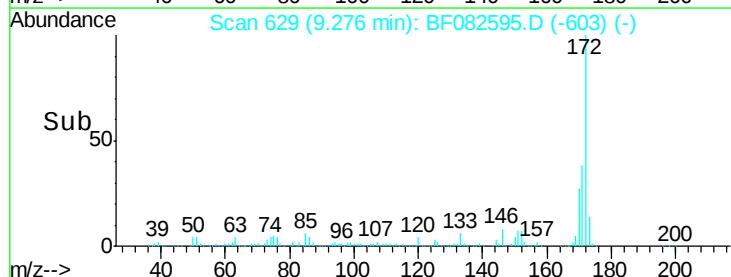
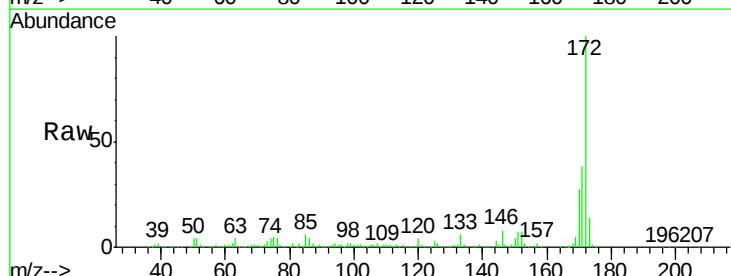
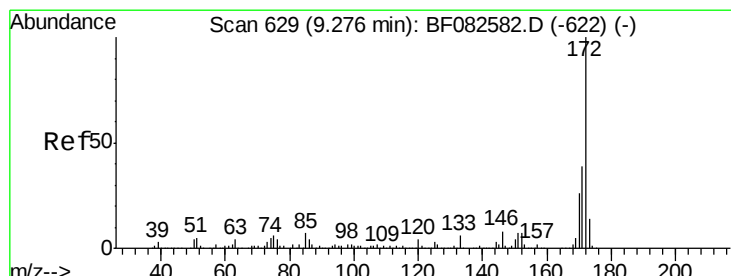
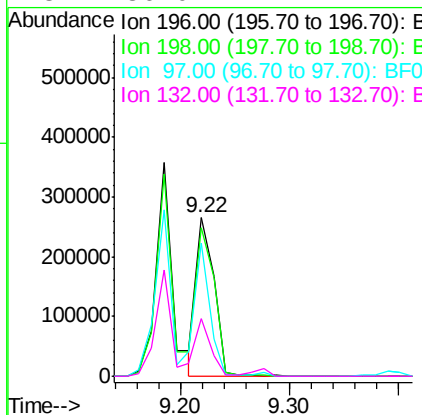
#43
2,4,5-Trichlorophenol
Concen: 34.41 ng
RT: 9.22 min Scan# 624
Delta R.T. -0.00 min
Lab File: BF082595.D
Acq: 31 Oct 2015 2:30

Tot Ion:	196	Resp:	304697
Ion Ratio	Lower	Upper	
196	100		
198	93.6	75.8	113.8
97	84.3	62.3	93.5
132	36.0	27.4	41.2

Instrument :
BNA_F
ClientSampleId :
PB86203BS

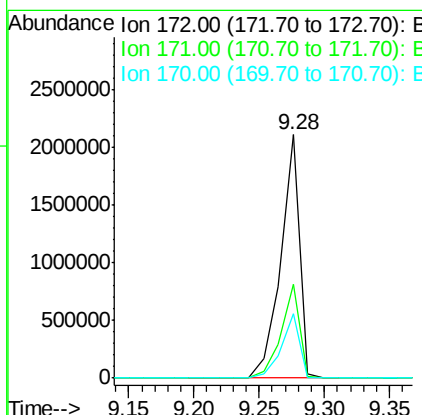
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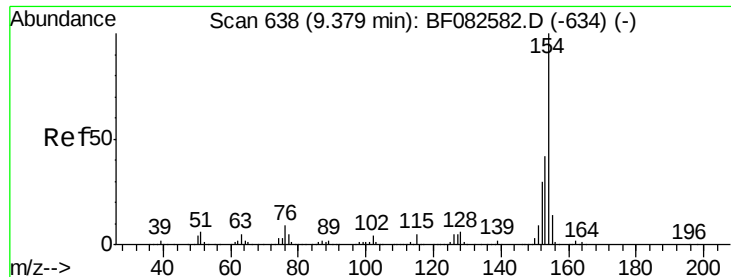
Mmdadoda
11/2/2015 4:32:06 PM



#44
2-Fluorobiphenyl
Concen: 82.15 ng
RT: 9.28 min Scan# 629
Delta R.T. -0.00 min
Lab File: BF082595.D
Acq: 31 Oct 2015 2:30

Tgt Ion:	172	Resp:	2134123
Ion Ratio	Lower	Upper	
172	100		
171	38.3	30.8	46.2
170	26.5	21.2	31.8





#45

1,1'-Biphenyl

Concen: 38.21 ng

RT: 9.38 min Scan# 638

Delta R.T. -0.00 min

Lab File: BF082595.D

Acq: 31 Oct 2015 2:30

Instrument :

BNA_F

ClientSampleId :

PB86203BS

Tot Ion:154 Resp: 1190471

Ion Ratio Lower Upper

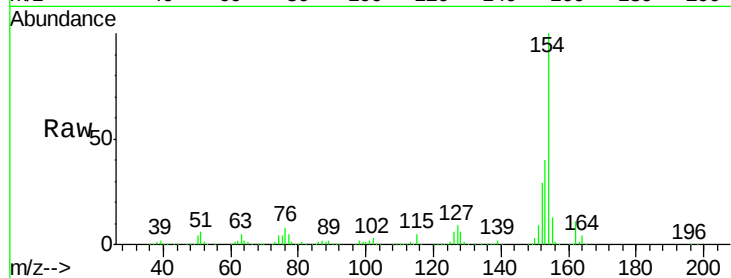
154 100

153 40.0 22.0 62.0

76 8.2 0.0 29.0

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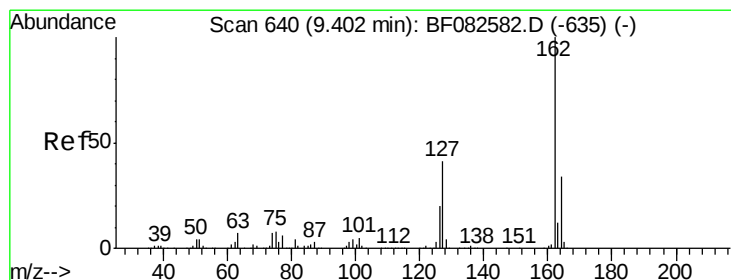
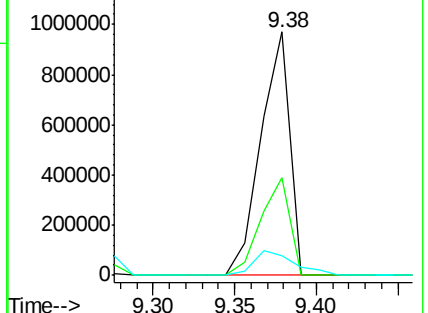
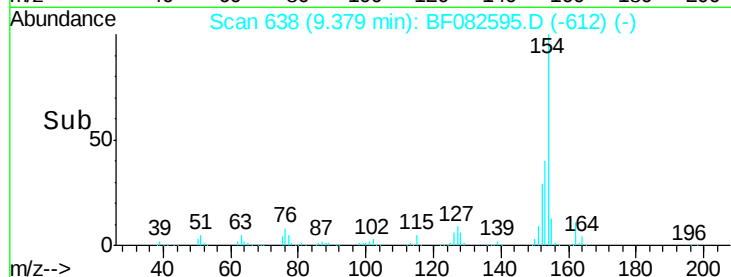
Mmdadoda
11/2/2015 4:32:06 PM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 39.07 ng

RT: 9.40 min Scan# 640

Delta R.T. -0.00 min

Lab File: BF082595.D

Acq: 31 Oct 2015 2:30

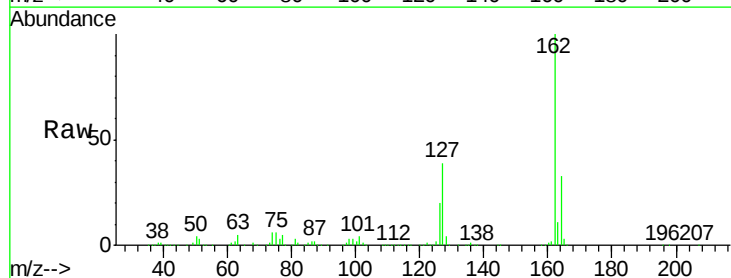
Tgt Ion:162 Resp: 950548

Ion Ratio Lower Upper

162 100

127 38.6 32.7 49.1

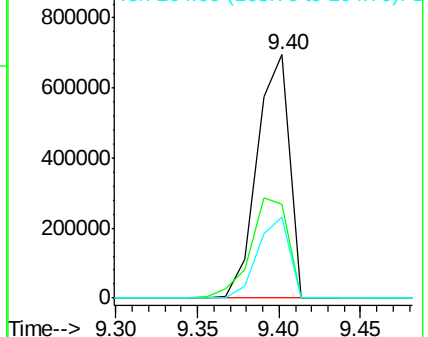
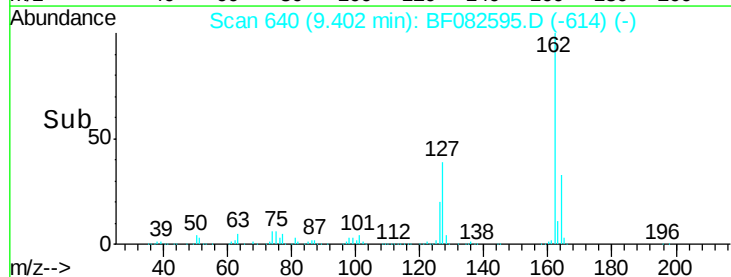
164 33.2 27.4 41.0

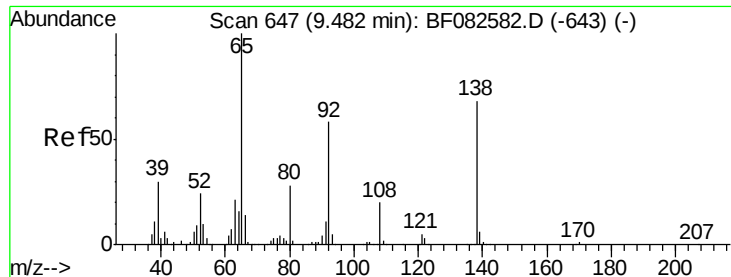


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 34.33 ng

RT: 9.48 min Scan# 647

Delta R.T. -0.00 min

Lab File: BF082595.D

Acq: 31 Oct 2015 2:30

Instrument :

BNA_F

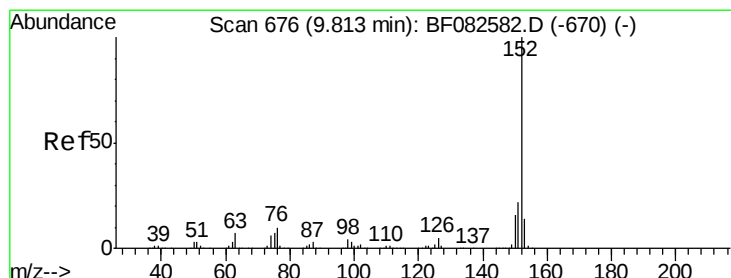
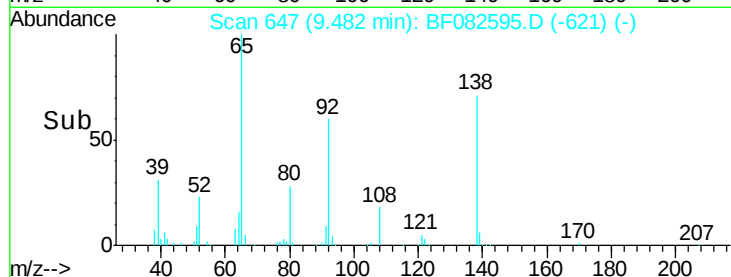
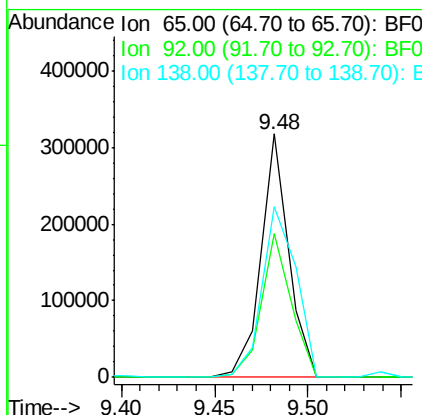
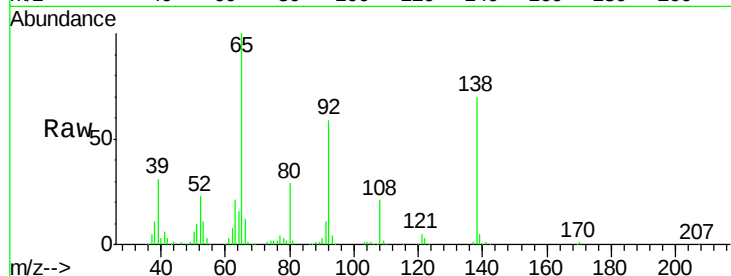
ClientSampleId :

PB86203BS

Tot Ion:	65	Resp:	324623
Ion Ratio	Lower	Upper	
65	100		
92	58.8	46.6	70.0
138	70.0	54.6	81.8

Manual Integrations
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#48

Acenaphthylene

Concen: 39.22 ng

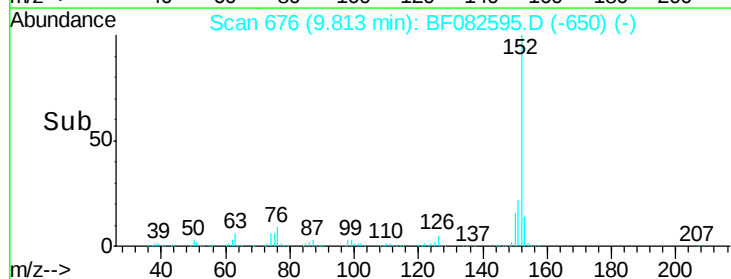
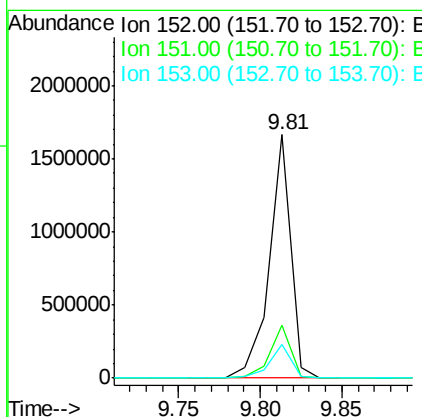
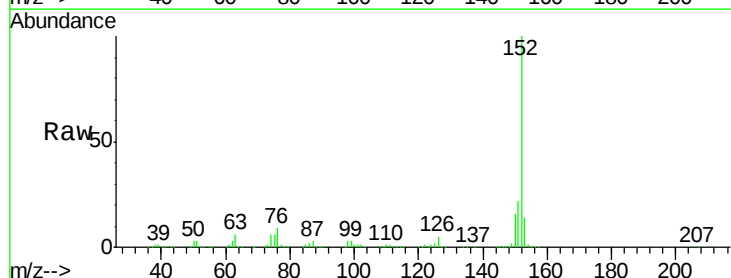
RT: 9.81 min Scan# 676

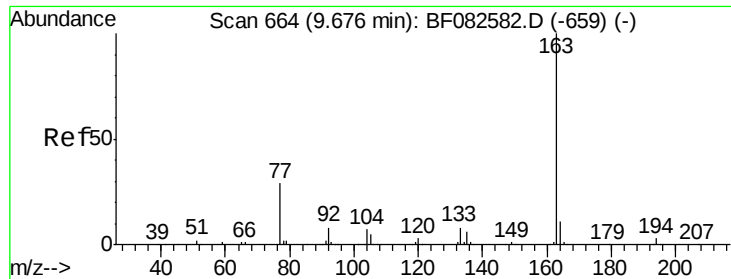
Delta R.T. -0.00 min

Lab File: BF082595.D

Acq: 31 Oct 2015 2:30

Tgt Ion:	152	Resp:	1526065
Ion Ratio	Lower	Upper	
152	100		
151	21.8	17.3	25.9
153	14.0	11.3	16.9





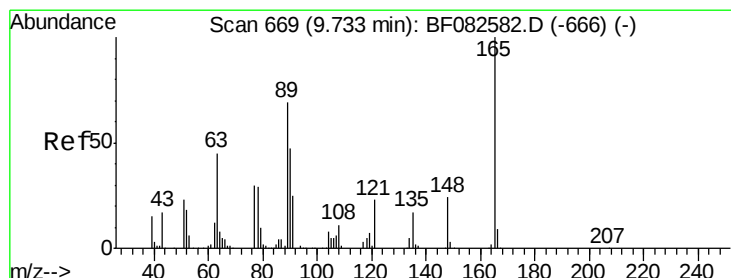
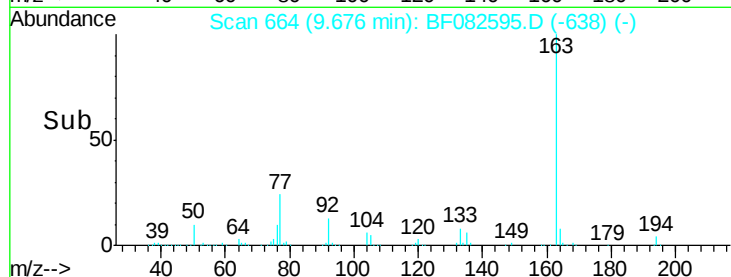
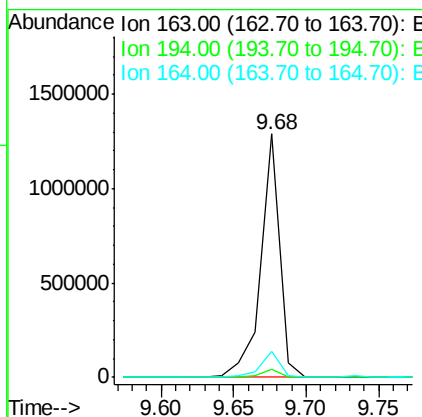
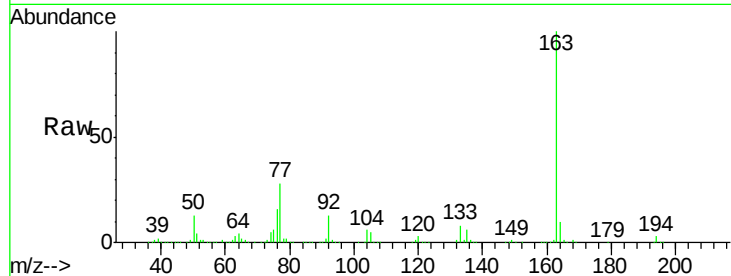
#49
Dimethylphthalate
Concen: 38.35 ng
RT: 9.68 min Scan# 664
Delta R.T. -0.00 min
Lab File: BF082595.D
Acq: 31 Oct 2015 2:30

Instrument :
BNA_F
ClientSampleId :
PB86203BS

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.6	4.0
164	10.4	8.7	13.1

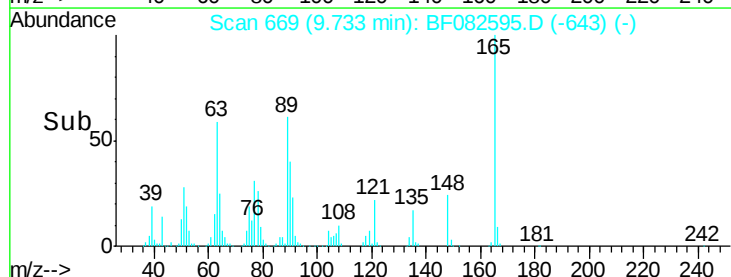
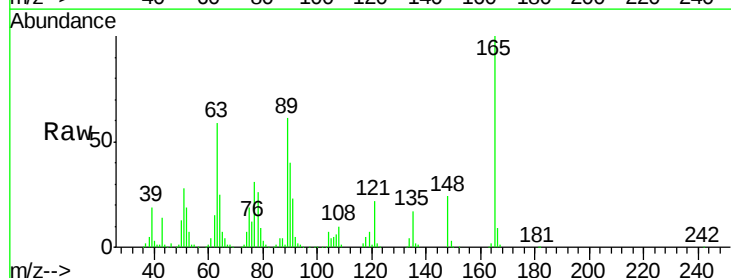
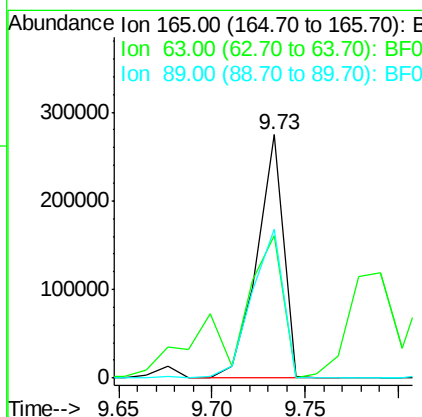
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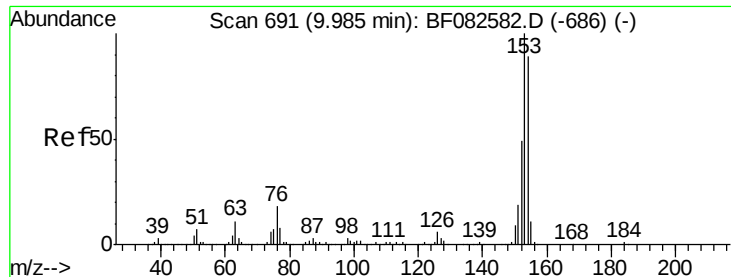
Mmdadoda
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#50
2,6-Dinitrotoluene
Concen: 43.05 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.00 min
Lab File: BF082595.D
Acq: 31 Oct 2015 2:30

Tgt Ion	Ratio	Lower	Upper
165	100		
63	58.7	55.5	83.3
89	61.1	55.0	82.6





#51

Acenaphthene

Concen: 42.00 ng

RT: 9.98 min Scan# 691

Delta R.T. -0.00 min

Lab File: BF082595.D

Acq: 31 Oct 2015 2:30

Instrument :

BNA_F

ClientSampleId :

PB86203BS

Tot Ion:154 Resp: 1037410

Ion Ratio Lower Upper

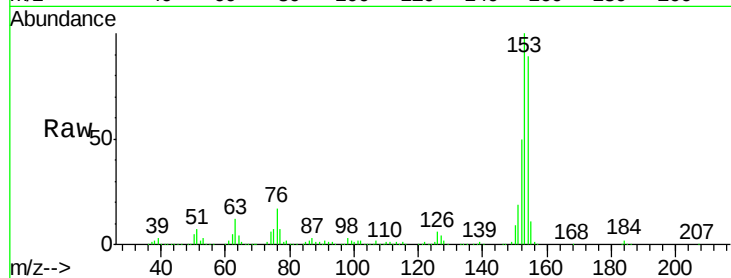
154 100

153 111.8 90.1 135.1

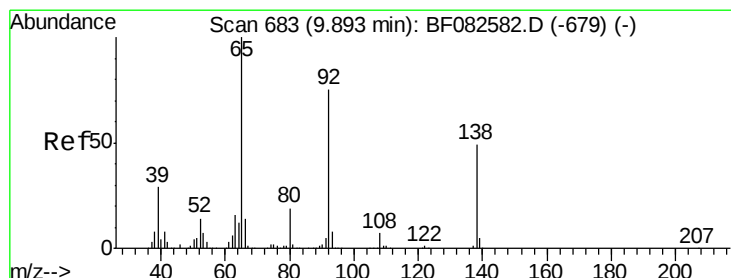
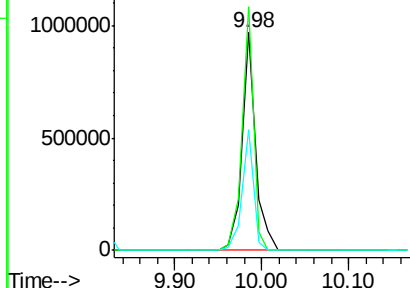
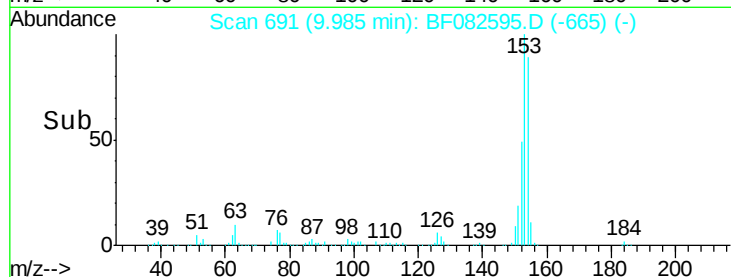
152 55.6 44.3 66.5

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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: 20.27 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.00 min

Lab File: BF082595.D

Acq: 31 Oct 2015 2:30

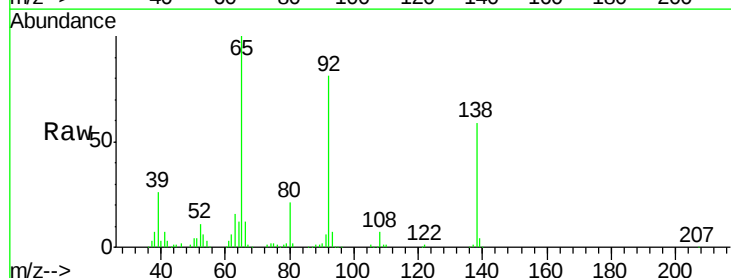
Tgt Ion:138 Resp: 140788

Ion Ratio Lower Upper

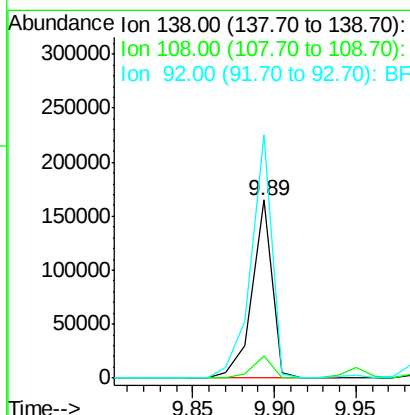
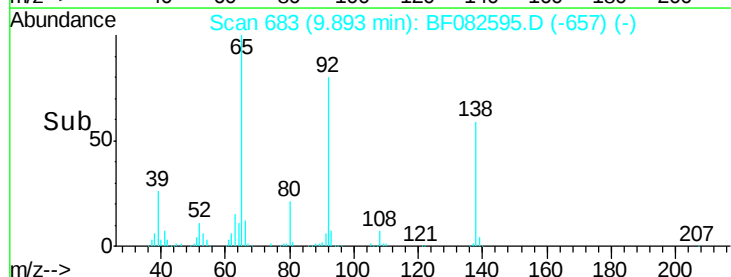
138 100

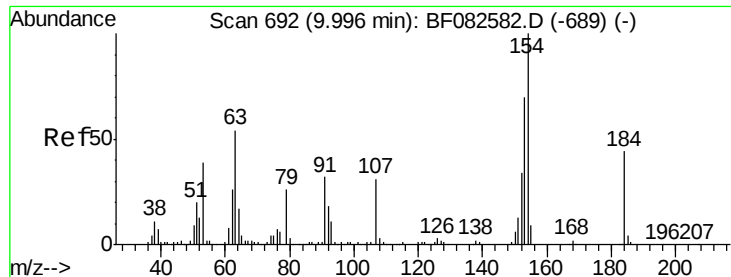
108 12.2 11.3 16.9

92 136.7 122.4 183.6



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





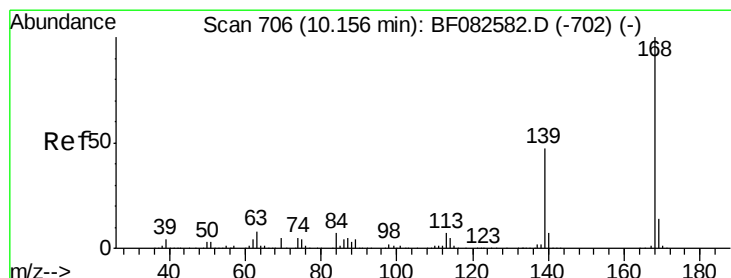
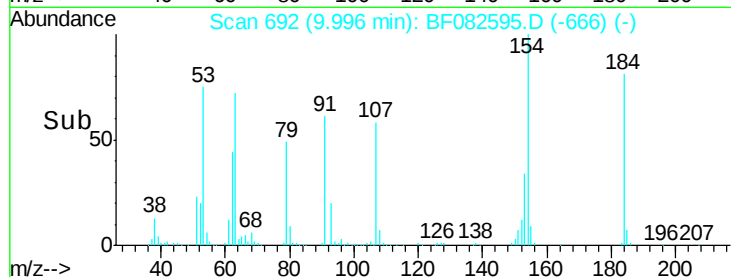
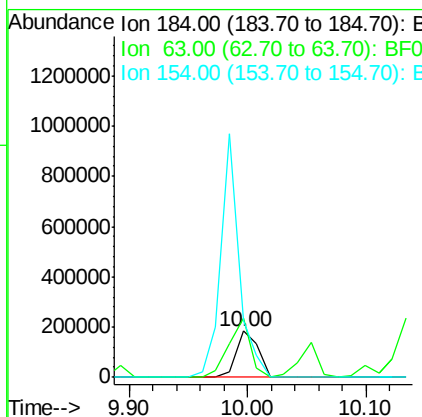
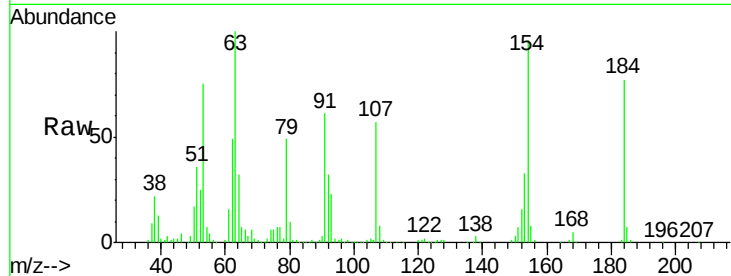
#53
2,4-Dinitrophenol
Concen: 72.28 ng
RT: 10.00 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF082595.D
Acq: 31 Oct 2015 2:30

Instrument :
BNA_F
ClientSampleId :
PB86203BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	238080		
63	129.3	98.6	148.0	
154	123.9	183.9	275.9	

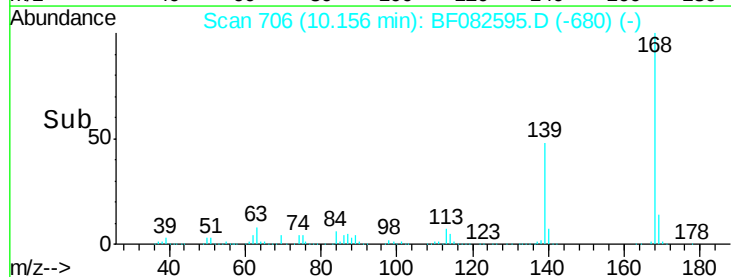
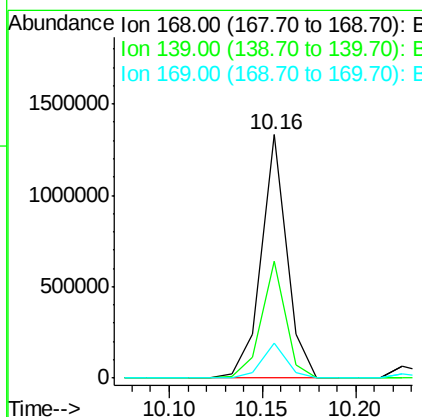
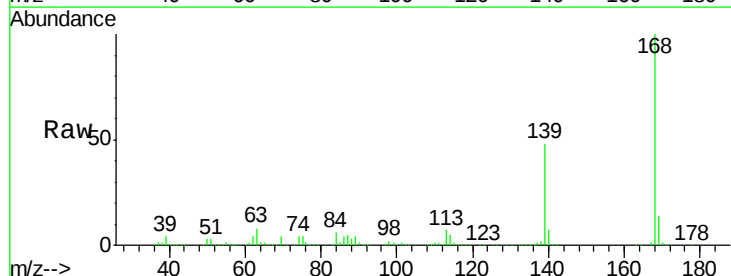
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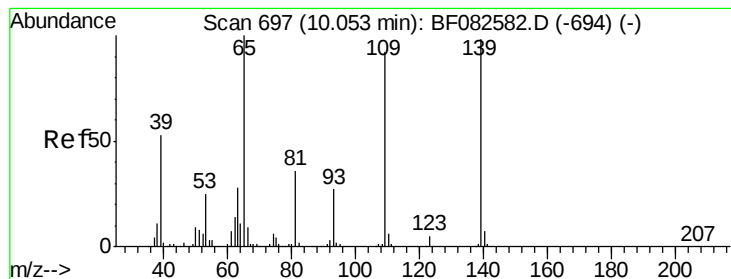
Mmdadoda
11/2/2015 4:32:06 PM



#54
Dibenzofuran
Concen: 37.57 ng
RT: 10.16 min Scan# 706
Delta R.T. -0.00 min
Lab File: BF082595.D
Acq: 31 Oct 2015 2:30

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1259412		
139	47.8	37.8	56.6	
169	14.1	11.3	16.9	





#55

4-Nitrophenol

Concen: 71.03 ng

RT: 10.05 min Scan# 697

Delta R.T. -0.00 min

Lab File: BF082595.D

Acq: 31 Oct 2015 2:30

Instrument :

BNA_F

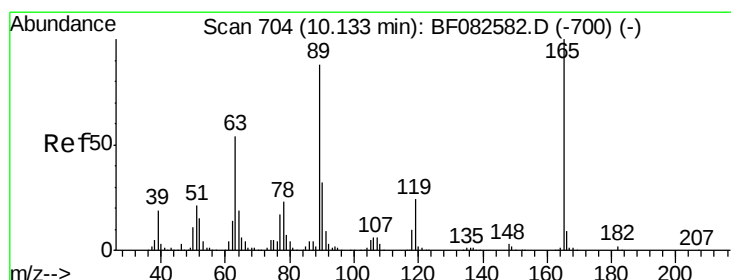
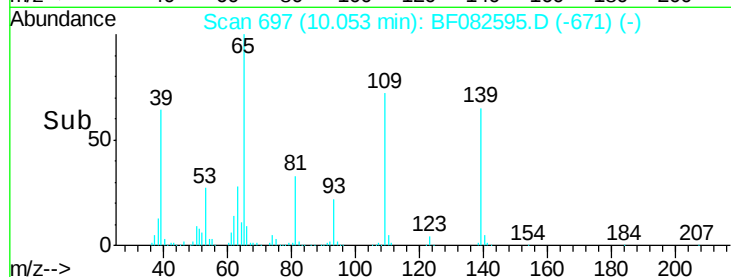
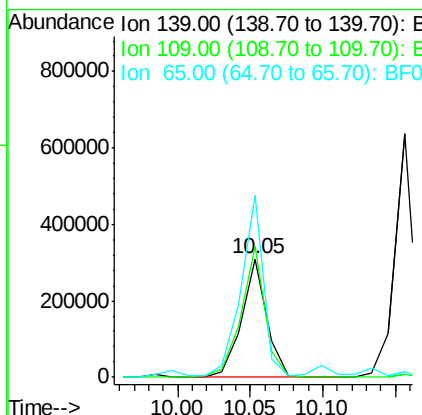
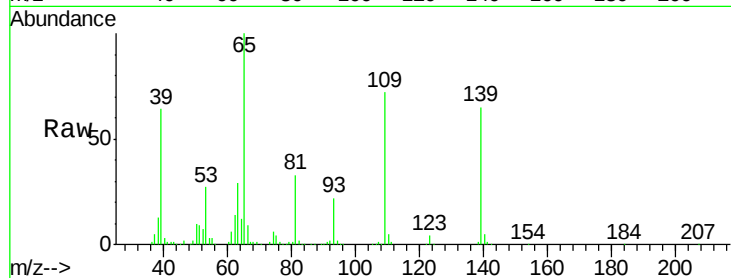
ClientSampleId :

PB86203BS

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
139	100				
109	110.8	73.7	113.7		
65	153.6	82.9	122.9#		



#56

2,4-Dinitrotoluene

Concen: 39.76 ng

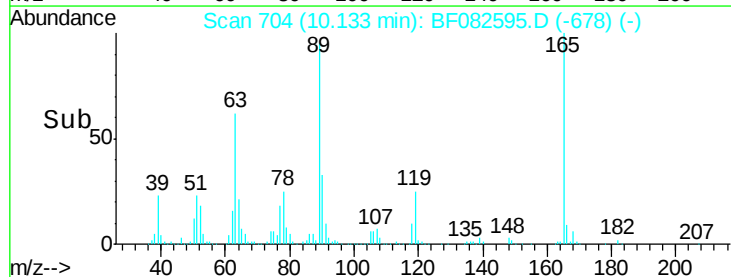
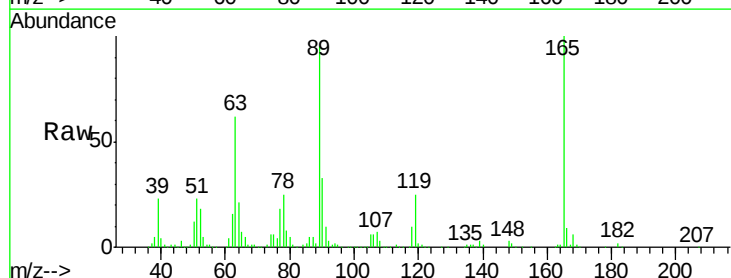
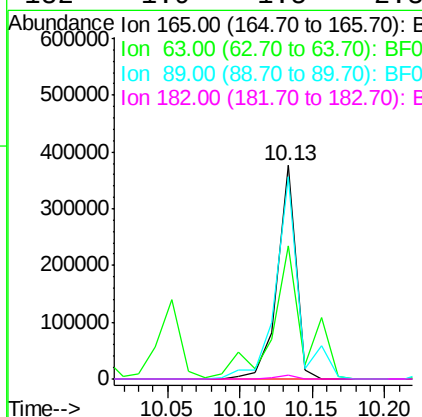
RT: 10.13 min Scan# 704

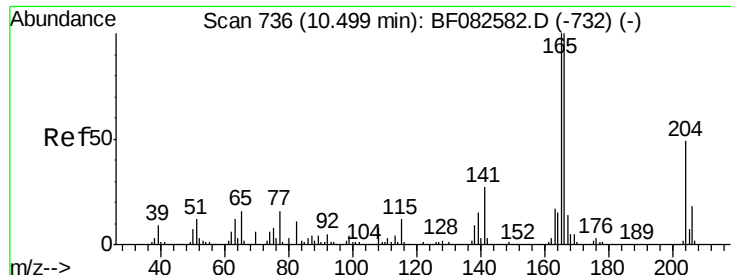
Delta R.T. -0.00 min

Lab File: BF082595.D

Acq: 31 Oct 2015 2:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
165	100				
63	62.2	43.4	65.0		
89	94.6	70.6	106.0		
182	1.9	1.5	2.3		





#57

Fluorene

Concen: 38.70 ng

RT: 10.50 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF082595.D

Acq: 31 Oct 2015 2:30

Instrument :

BNA_F

ClientSampleId :

PB86203BS

Tot Ion:166 Resp: 1046522

Ion Ratio Lower Upper

166 100

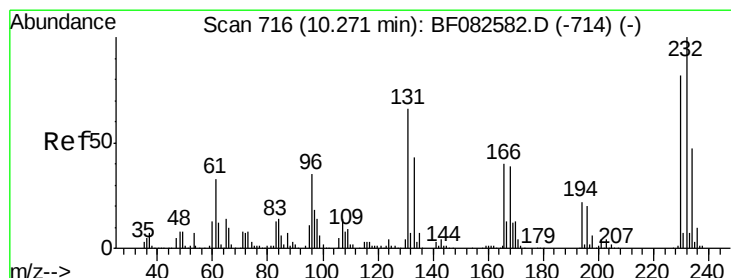
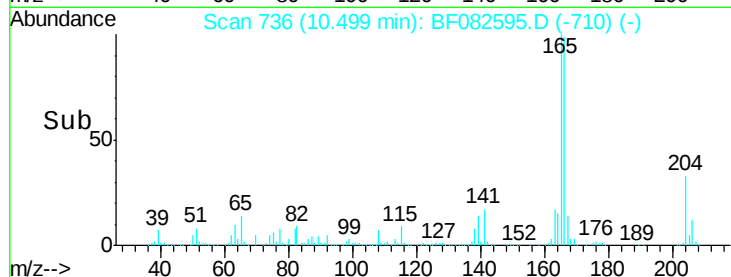
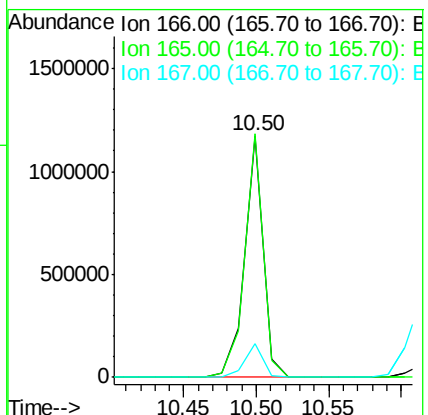
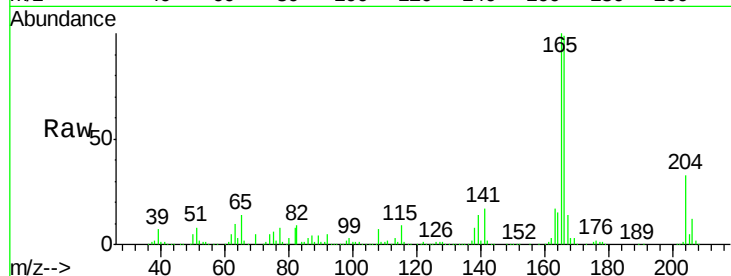
165 100.9 80.2 120.4

167 13.8 11.2 16.8

Manual Integrations
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11/2/2015 4:32:06 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 37.68 ng

RT: 10.27 min Scan# 716

Delta R.T. -0.00 min

Lab File: BF082595.D

Acq: 31 Oct 2015 2:30

Tgt Ion:232 Resp: 281977

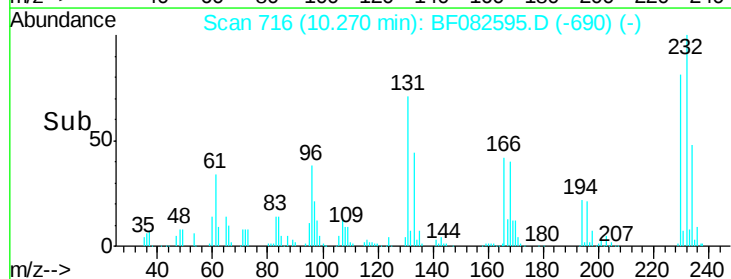
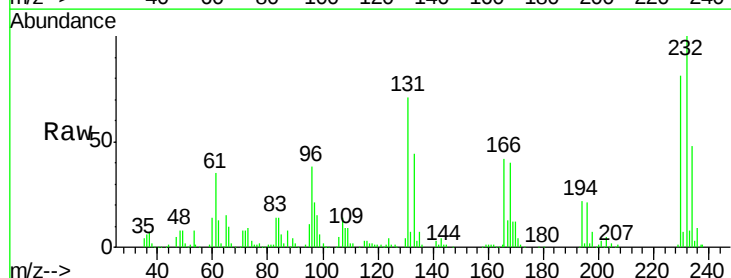
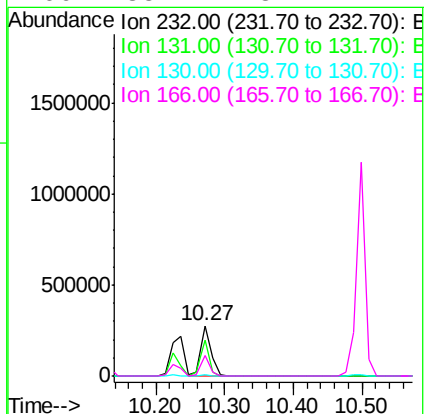
Ion Ratio Lower Upper

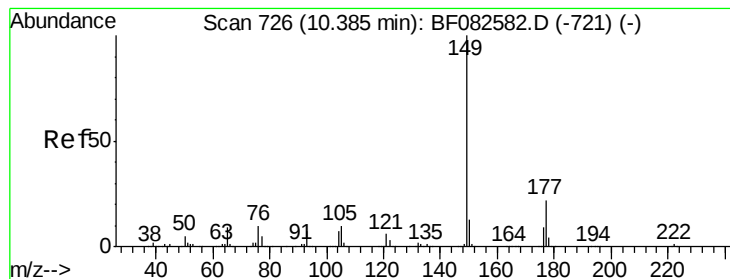
232 100

131 57.7 46.2 69.2

130 3.2 2.4 3.6

166 35.4 28.2 42.2





#59

Diethylphthalate

Concen: 39.87 ng

RT: 10.38 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF082595.D

Acq: 31 Oct 2015 2:30

Instrument :

BNA_F

ClientSampleId :

PB86203BS

Tot Ion:149 Resp: 1222690

Ion Ratio Lower Upper

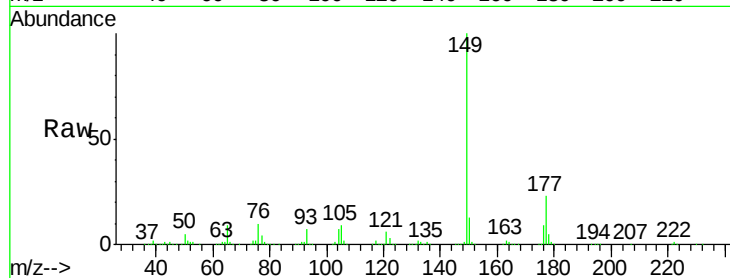
149 100

177 23.3 17.9 26.9

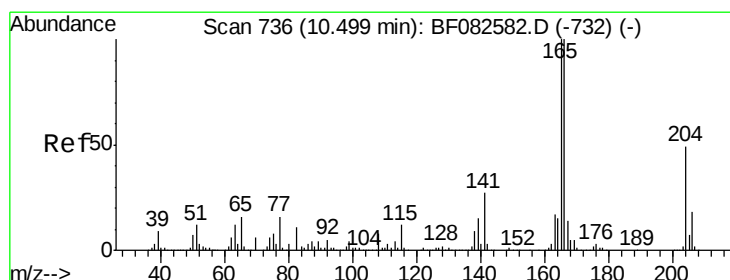
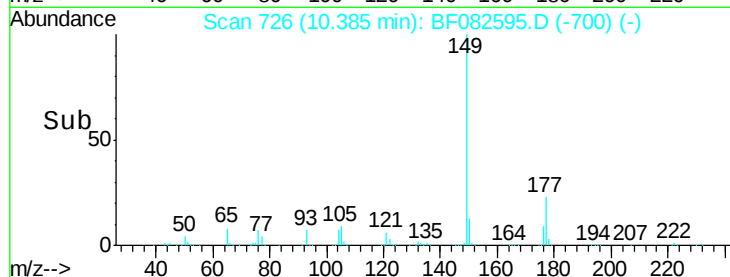
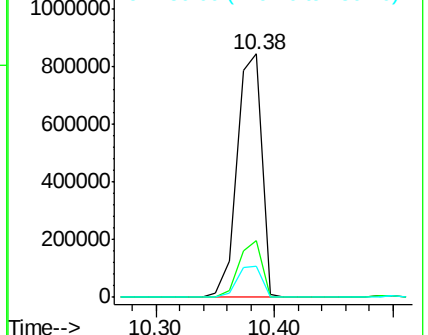
150 12.8 10.1 15.1

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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: 38.52 ng

RT: 10.50 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF082595.D

Acq: 31 Oct 2015 2:30

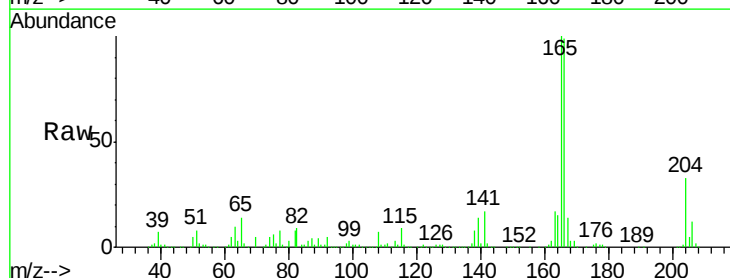
Tgt Ion:204 Resp: 506304

Ion Ratio Lower Upper

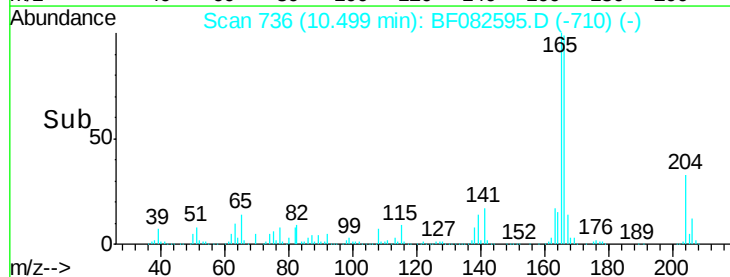
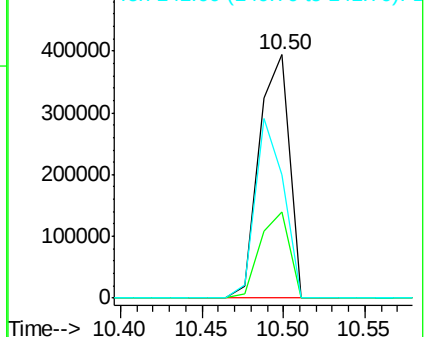
204 100

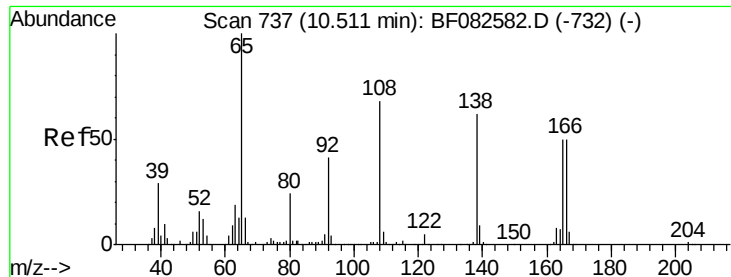
206 35.5 28.5 42.7

141 50.6 44.6 66.8



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





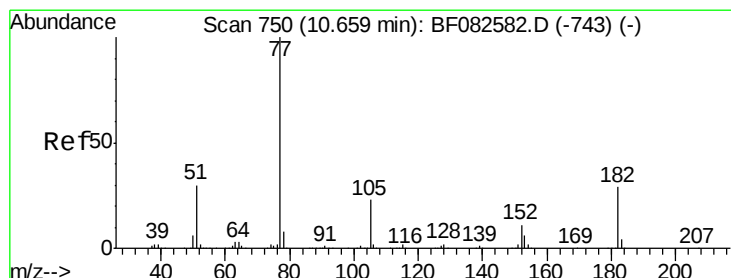
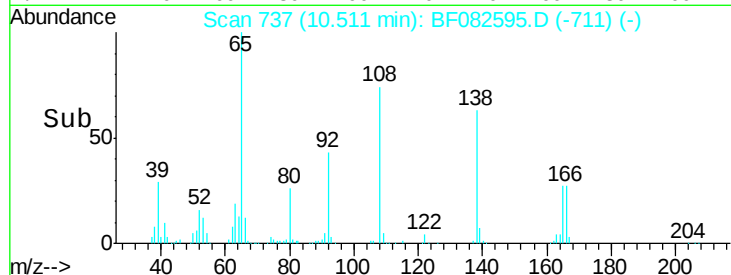
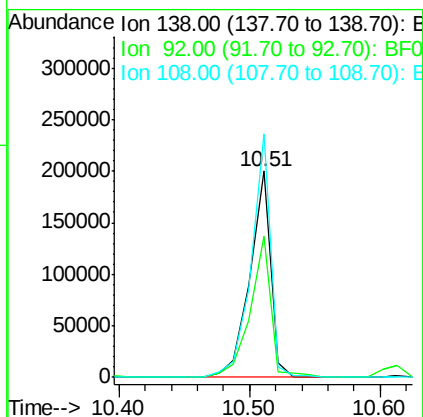
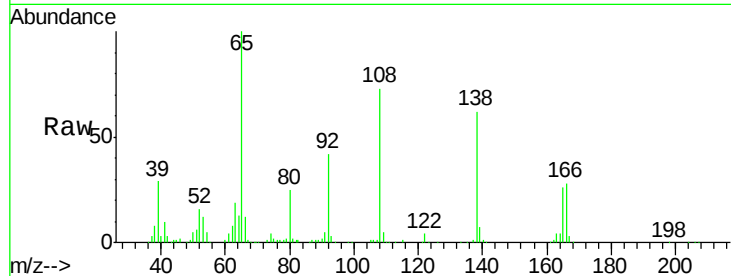
#61
4-Nitroaniline
Concen: 33.70 ng
RT: 10.51 min Scan# 737
Delta R.T. -0.00 min
Lab File: BF082595.D
Acq: 31 Oct 2015 2:30

Instrument :
BNA_F
ClientSampleId :
PB86203BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	223417		
92	68.2	45.8	85.8	
108	118.1	89.4	129.4	

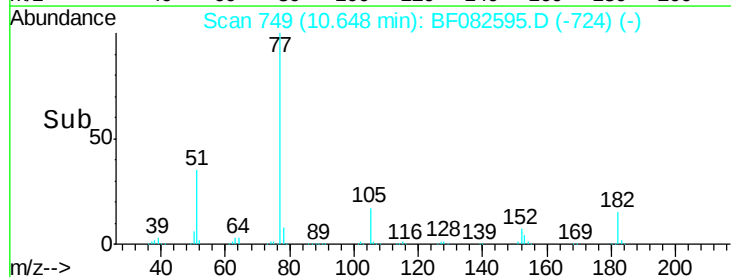
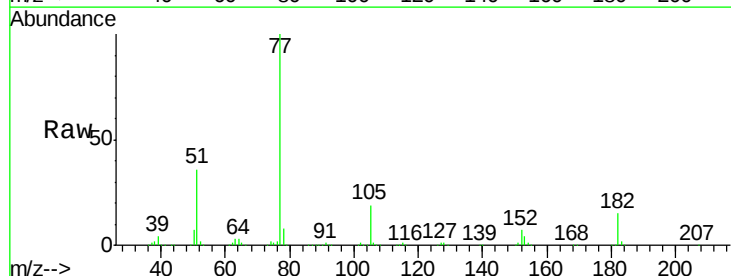
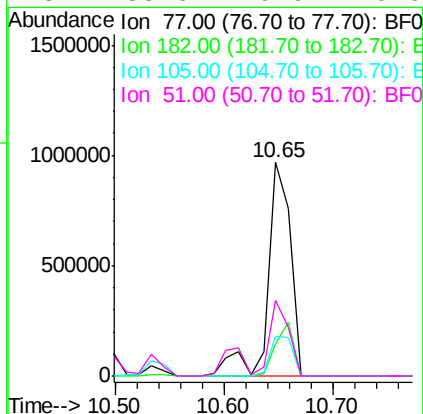
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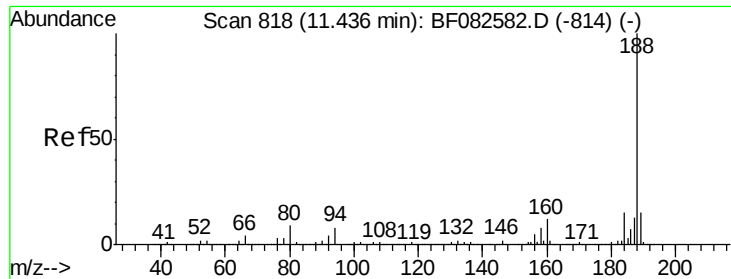
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11/2/2015 4:32:06 PM



#62
Azobenzene
Concen: 40.57 ng
RT: 10.65 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF082595.D
Acq: 31 Oct 2015 2:30

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	1403136		
182	15.0	9.3	49.3	
105	18.5	2.6	42.6	
51	35.6	9.9	49.9	





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.44 min Scan# 818

Delta R.T. -0.00 min

Lab File: BF082595.D

Acq: 31 Oct 2015 2:30

Instrument :

BNA_F

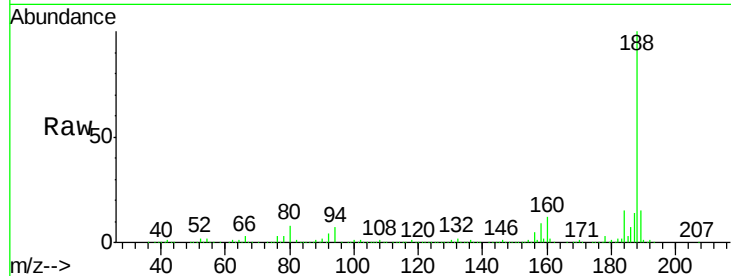
ClientSampleId :

PB86203BS

Tot Ion:	188	Resp:	709167
Ion Ratio	Lower	Upper	
188	100		
94	7.1	6.1	9.1
80	8.0	7.0	10.6

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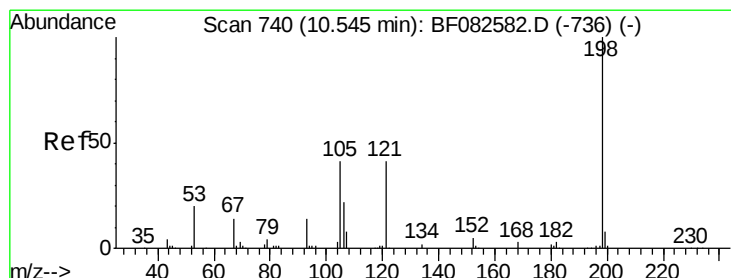
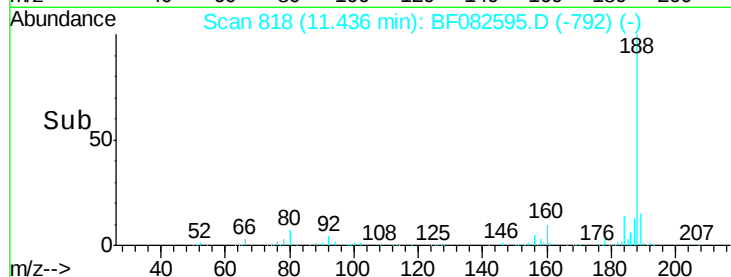
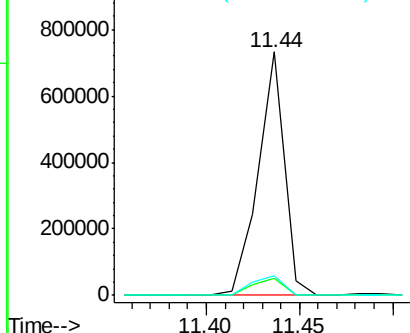
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 41.73 ng

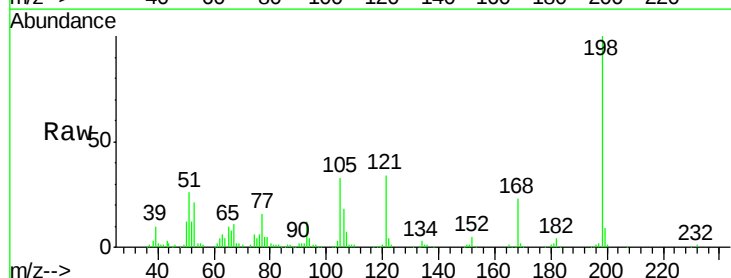
RT: 10.54 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF082595.D

Acq: 31 Oct 2015 2:30

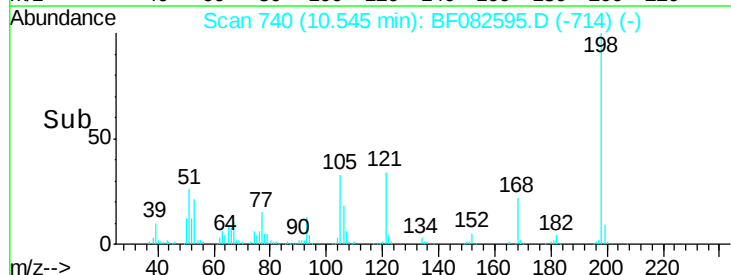
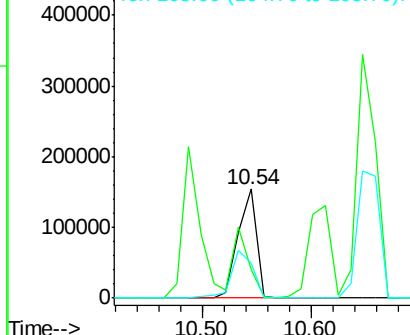
Tgt Ion:	198	Resp:	178477
Ion Ratio	Lower	Upper	
198	100		
51	26.2	17.3	57.3
105	32.5	21.7	61.7

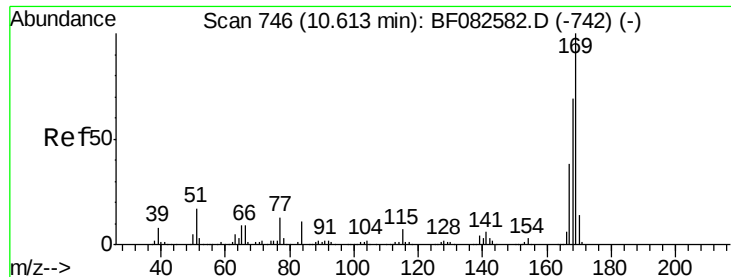


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 39.80 ng

RT: 10.61 min Scan# 746

Delta R.T. -0.00 min

Lab File: BF082595.D

Acq: 31 Oct 2015 2:30

Instrument :

BNA_F

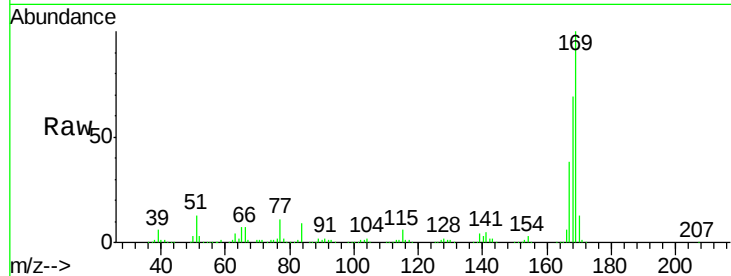
ClientSampleId :

PB86203BS

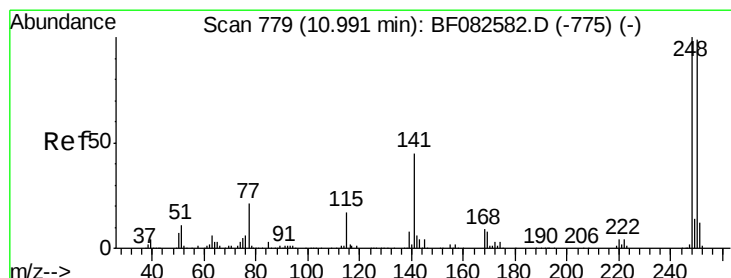
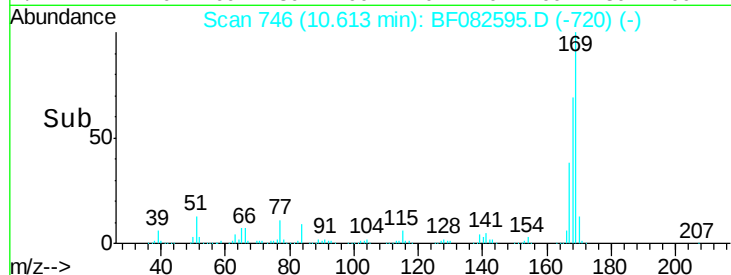
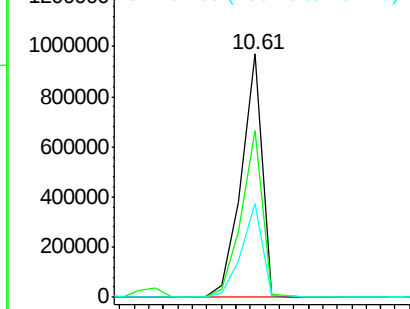
Tot Ion:	169	Resp:	970290
Ion Ratio	Lower	Upper	
169	100		
168	68.6	55.0	82.6
167	38.5	30.5	45.7

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



#66

4-Bromophenyl-phenylether

Concen: 36.78 ng

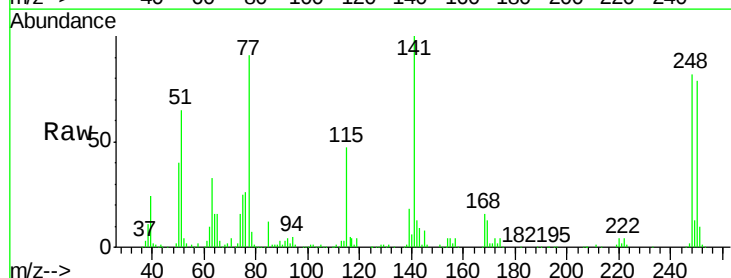
RT: 10.98 min Scan# 778

Delta R.T. -0.01 min

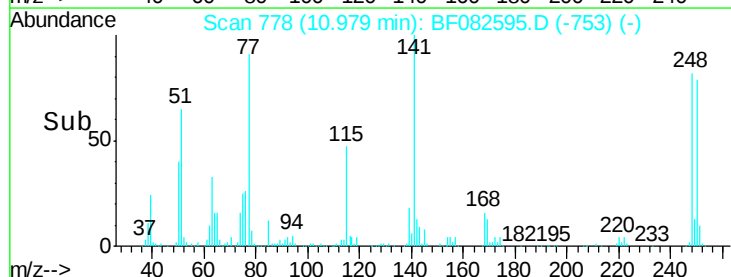
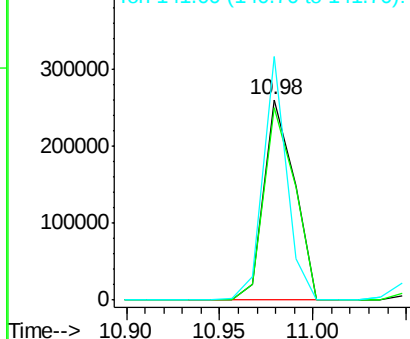
Lab File: BF082595.D

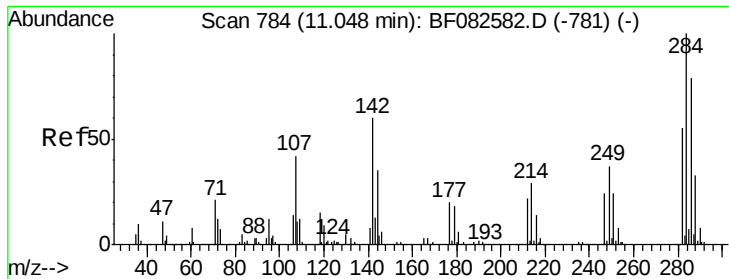
Acq: 31 Oct 2015 2:30

Tgt Ion:	248	Resp:	295550
Ion Ratio	Lower	Upper	
248	100		
250	96.0	79.4	119.2
141	121.5	36.3	54.5#



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





#67

Hexachlorobenzene

Concen: 37.41 ng

RT: 11.05 min Scan# 784

Delta R.T. -0.00 min

Lab File: BF082595.D

Acq: 31 Oct 2015 2:30

Instrument :

BNA_F

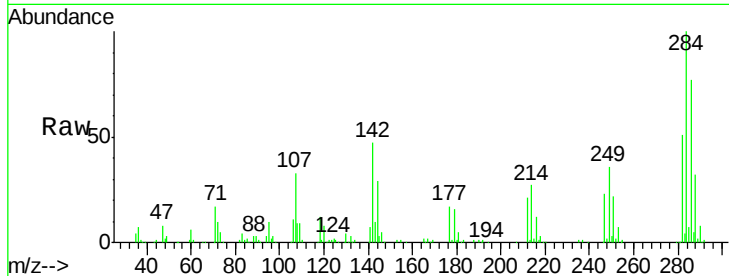
ClientSampleId :

PB86203BS

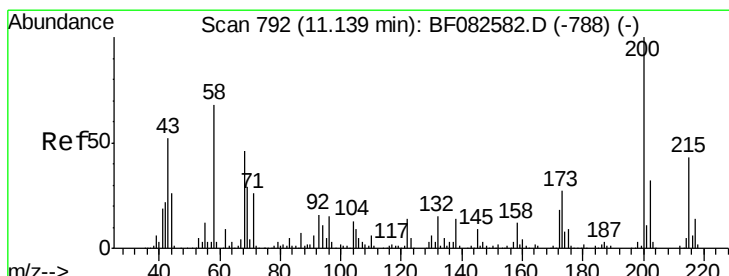
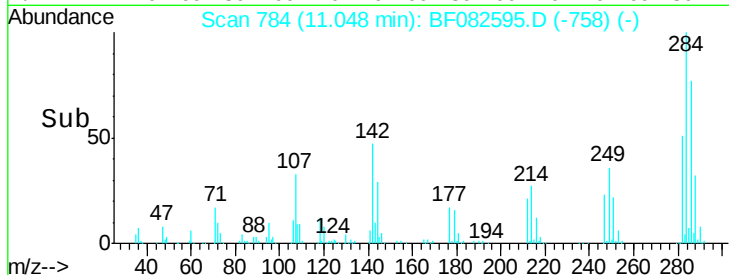
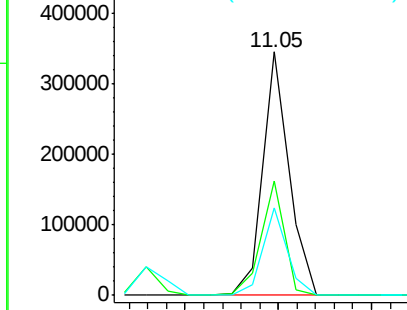
Tot Ion:	284	Resp:	333311
Ion Ratio		Lower	Upper
284	100		
142	46.8	47.9	71.9#
249	35.9	29.7	44.5

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



#68

Atrazine

Concen: 40.24 ng

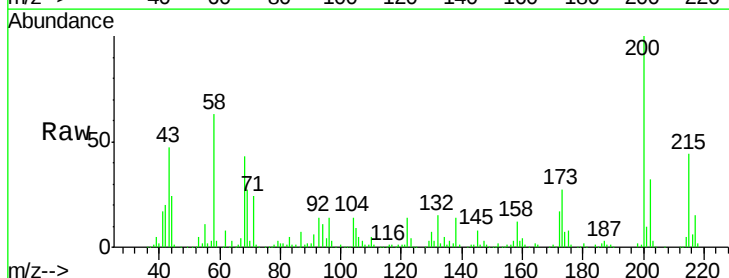
RT: 11.14 min Scan# 792

Delta R.T. -0.00 min

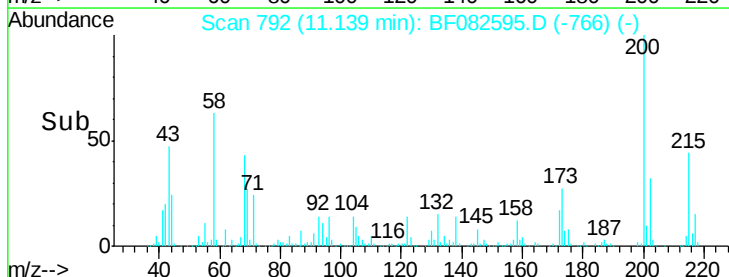
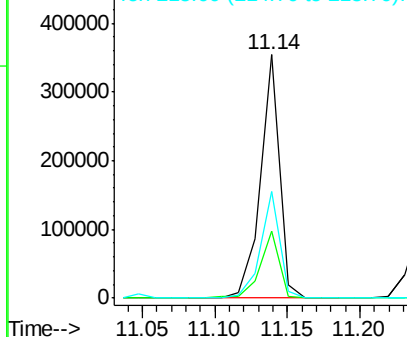
Lab File: BF082595.D

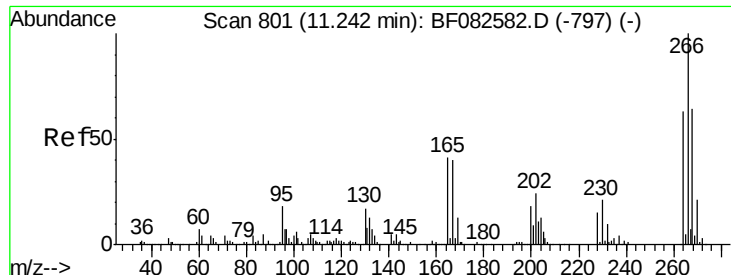
Acq: 31 Oct 2015 2:30

Tgt Ion:	200	Resp:	320948
Ion Ratio		Lower	Upper
200	100		
173	27.5	6.9	46.9
215	43.6	22.9	62.9



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





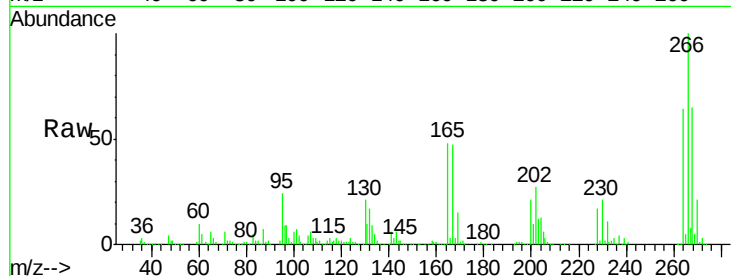
#69
 Pentachlorophenol
 Concen: 80.69 ng
 RT: 11.24 min Scan# 801
 Delta R.T. -0.00 min
 Lab File: BF082595.D
 Acq: 31 Oct 2015 2:30

Instrument :
 BNA_F
 ClientSampleId :
 PB86203BS

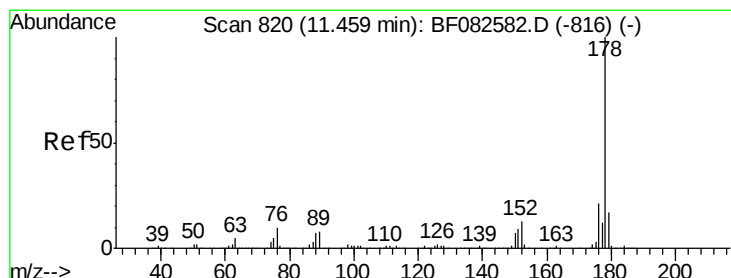
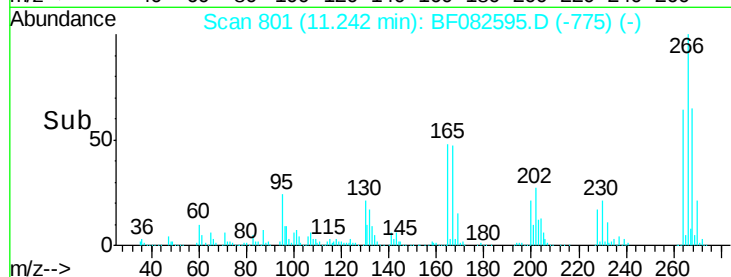
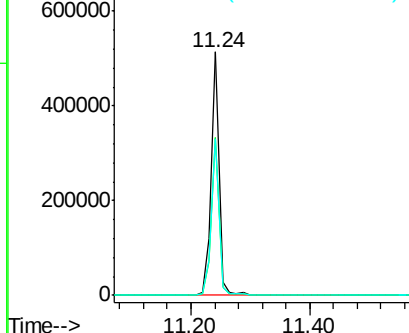
Tot Ion	Ratio	Lower	Upper
266	100		
268	64.7	51.0	76.6
264	64.4	50.6	75.8

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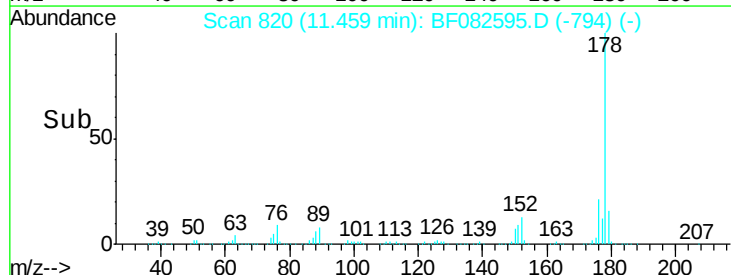
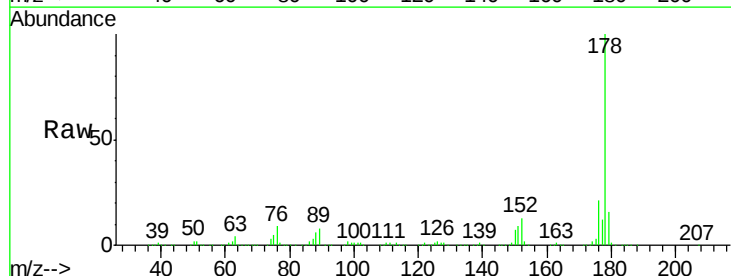
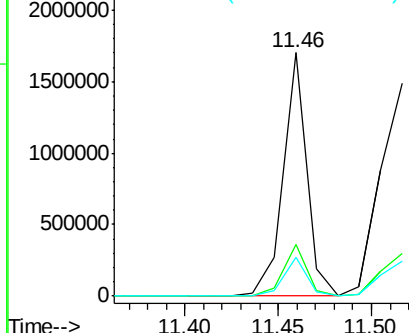
Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

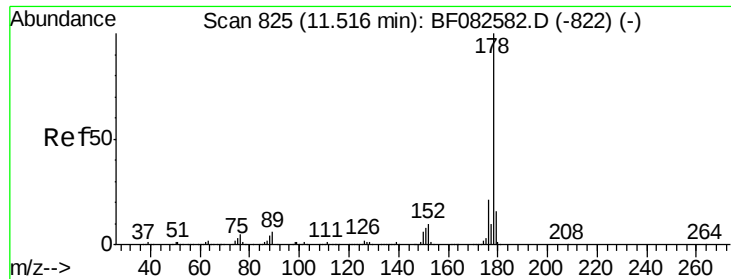


#70
 Phenanthrene
 Concen: 37.56 ng
 RT: 11.46 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BF082595.D
 Acq: 31 Oct 2015 2:30

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.0	17.0	25.4
179	16.1	13.4	20.0

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: 41.69 ng
 RT: 11.52 min Scan# 825
 Delta R.T. -0.00 min
 Lab File: BF082595.D
 Acq: 31 Oct 2015 2:30

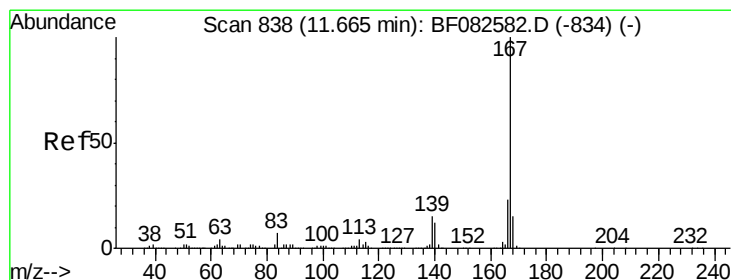
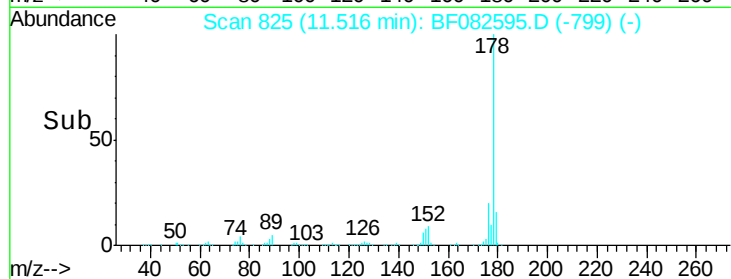
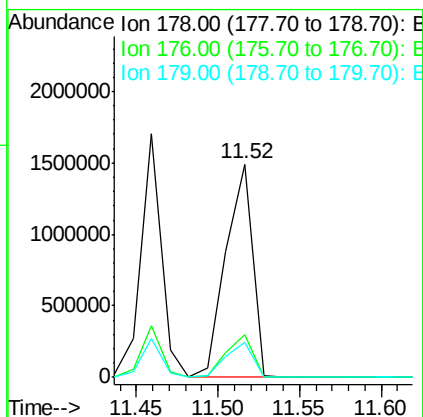
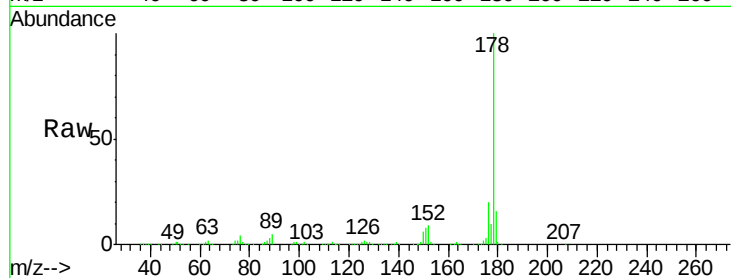
Instrument :
 BNA_F
 ClientSampleId :
 PB86203BS

Tot Ion:178 Resp: 1678968

Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.5	24.7
179	16.2	13.2	19.8

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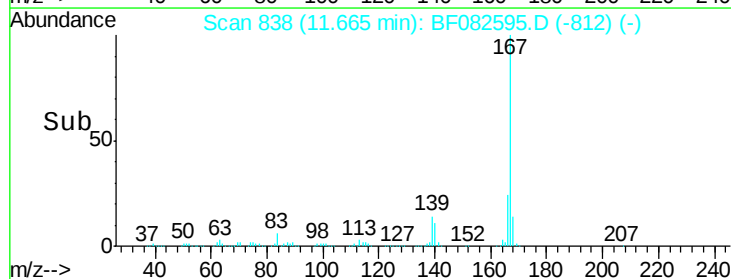
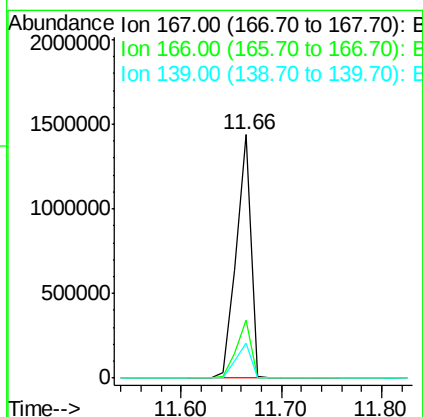
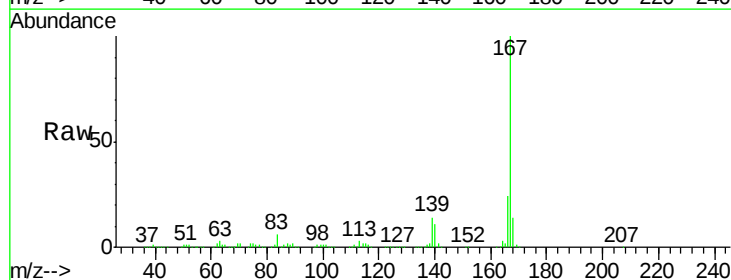
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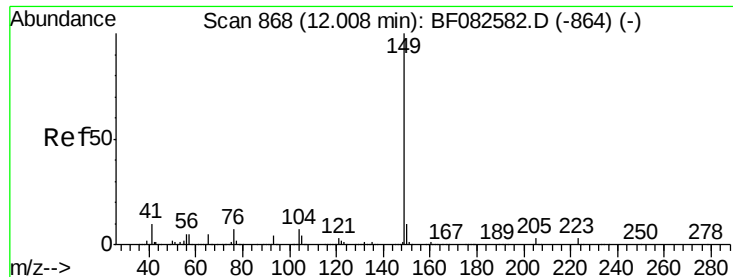


#72
 Carbazole
 Concen: 41.51 ng
 RT: 11.66 min Scan# 838
 Delta R.T. -0.00 min
 Lab File: BF082595.D
 Acq: 31 Oct 2015 2:30

Tgt Ion:167 Resp: 1456085

Ion	Ratio	Lower	Upper
167	100		
166	23.6	18.7	28.1
139	14.1	11.8	17.6





#73

Di-n-butylphthalate

Concen: 42.98 ng

RT: 12.01 min Scan# 868

Delta R.T. -0.00 min

Lab File: BF082595.D

Acq: 31 Oct 2015 2:30

Instrument :

BNA_F

ClientSampleId :

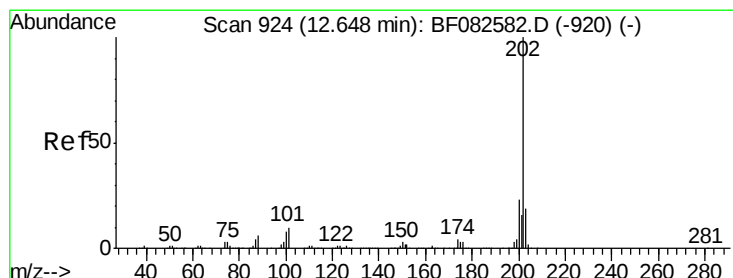
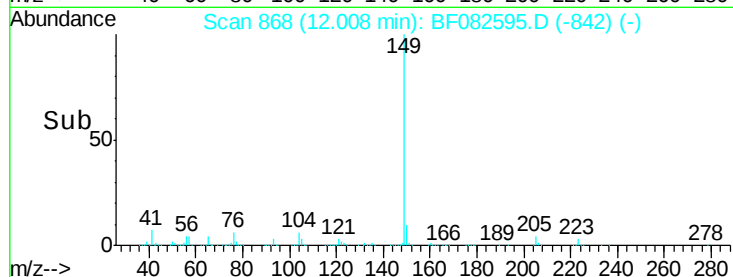
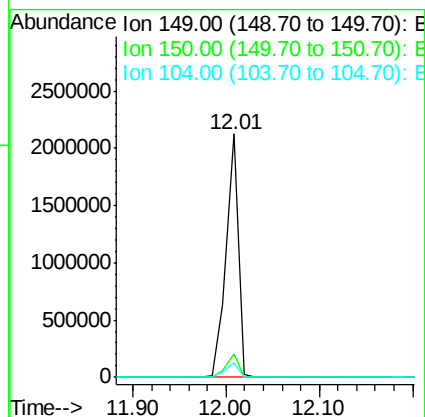
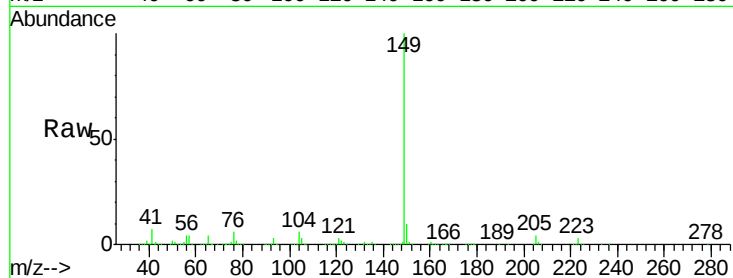
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Tot Ion:	149	Resp:	1919164
Ion	Ratio	Lower	Upper
149	100		
150	9.9	8.1	12.1
104	6.0	5.2	7.8



#74

Fluoranthene

Concen: 39.59 ng

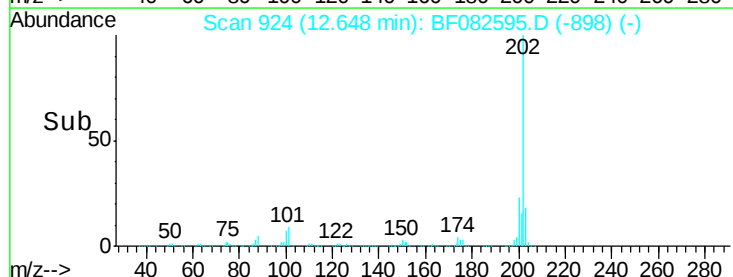
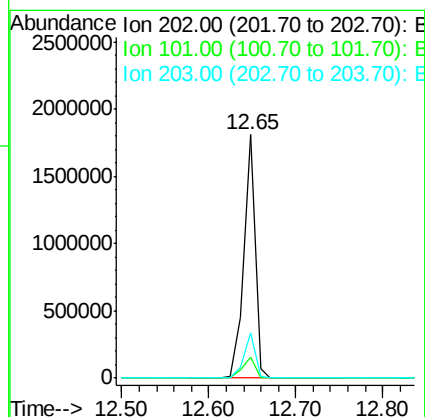
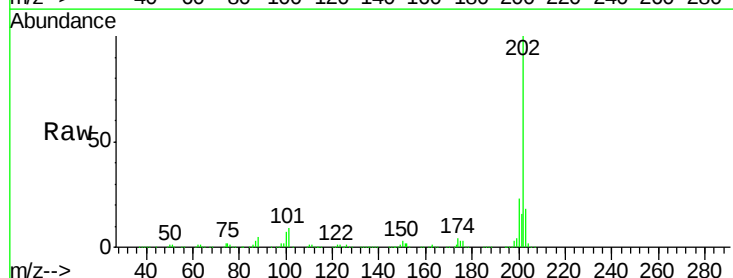
RT: 12.65 min Scan# 924

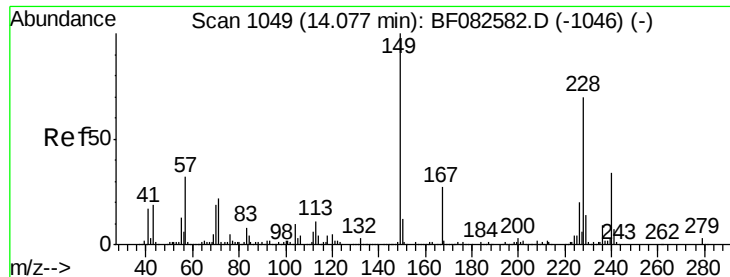
Delta R.T. -0.00 min

Lab File: BF082595.D

Acq: 31 Oct 2015 2:30

Tgt Ion:	202	Resp:	1618950
Ion	Ratio	Lower	Upper
202	100		
101	8.8	0.0	30.5
203	18.4	0.0	38.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.08 min Scan# 1049

Delta R.T. -0.00 min

Lab File: BF082595.D

Acq: 31 Oct 2015 2:30

Instrument :

BNA_F

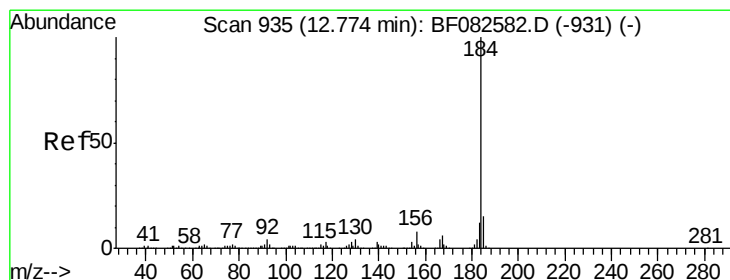
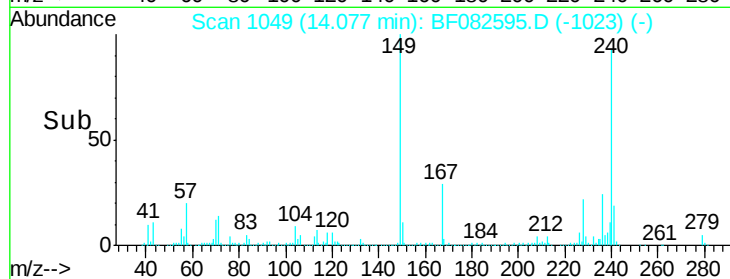
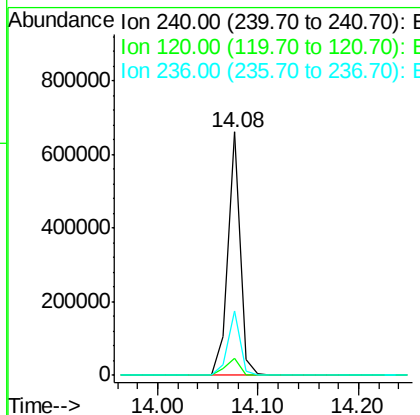
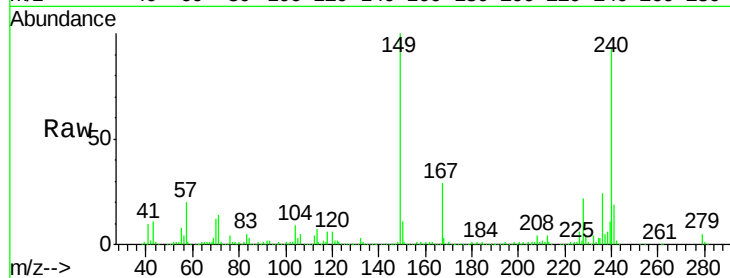
ClientSampleId :

PB86203BS

Tot Ion:	240	Resp:	562783
Ion Ratio		Lower	Upper
240	100		
120	6.8	10.9	16.3#
236	26.3	21.6	32.4

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#76

Benzidine

Concen: 17.14 ng

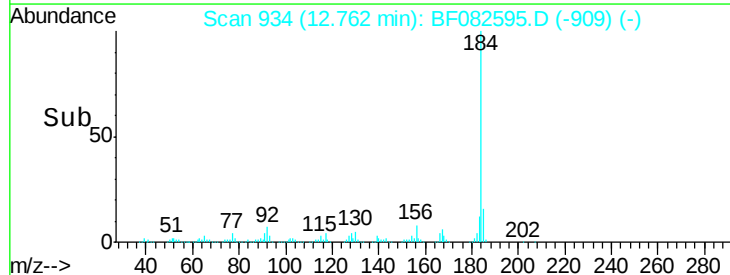
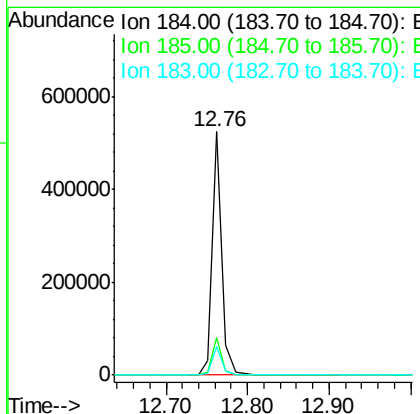
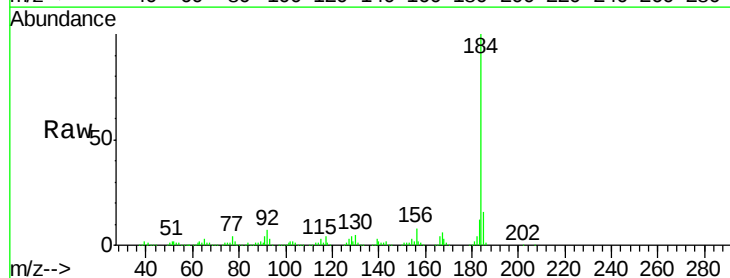
RT: 12.76 min Scan# 934

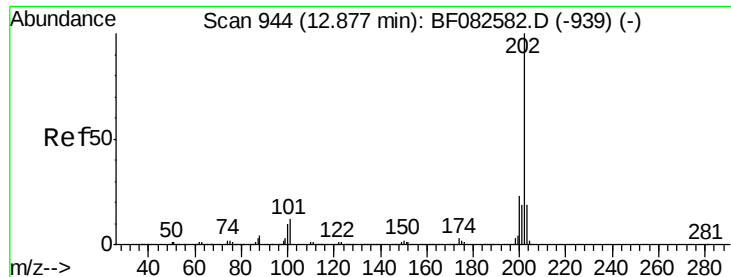
Delta R.T. -0.01 min

Lab File: BF082595.D

Acq: 31 Oct 2015 2:30

Tgt Ion:	184	Resp:	435045
Ion Ratio		Lower	Upper
184	100		
185	15.7	12.0	18.0
183	11.8	9.6	14.4





#77

Pvrene

Concen: 39.09 ng

RT: 12.88 min Scan# 944

Delta R.T. -0.00 min

Lab File: BF082595.D

Acq: 31 Oct 2015 2:30

Instrument :

BNA_F

ClientSampleId :

PB86203BS

Tot Ion:202 Resp: 1628938

Ion Ratio Lower Upper

202 100

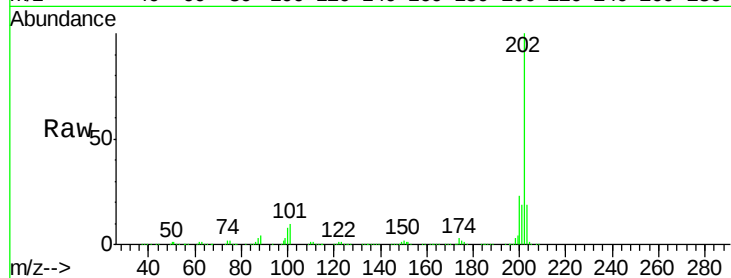
200 23.4 18.7 28.1

203 18.8 14.8 22.2

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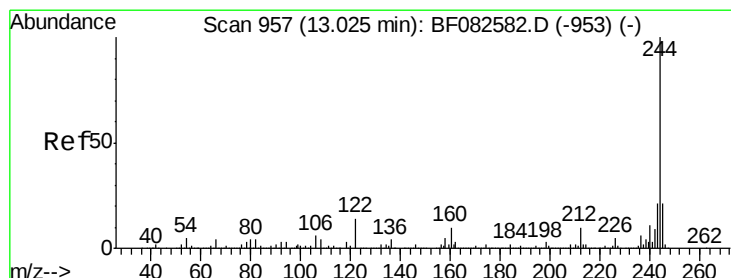
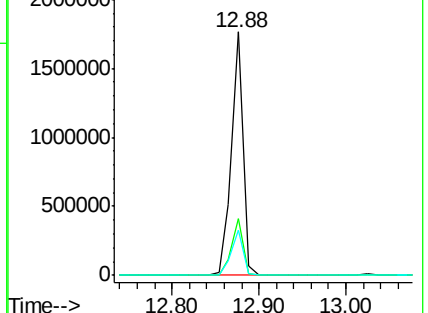
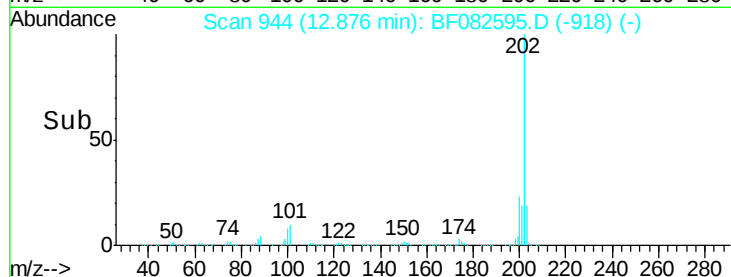
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 75.41 ng

RT: 13.03 min Scan# 957

Delta R.T. -0.00 min

Lab File: BF082595.D

Acq: 31 Oct 2015 2:30

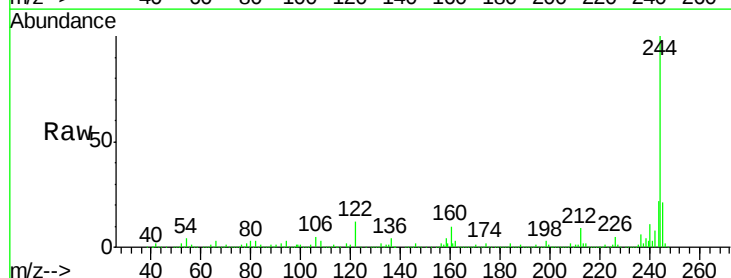
Tgt Ion:244 Resp: 1939342

Ion Ratio Lower Upper

244 100

212 9.2 7.6 11.4

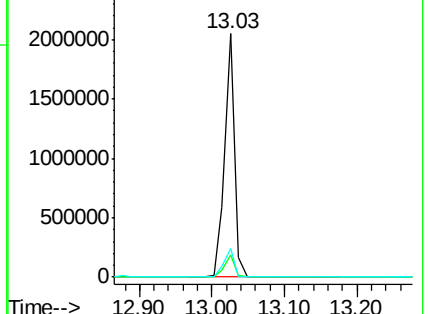
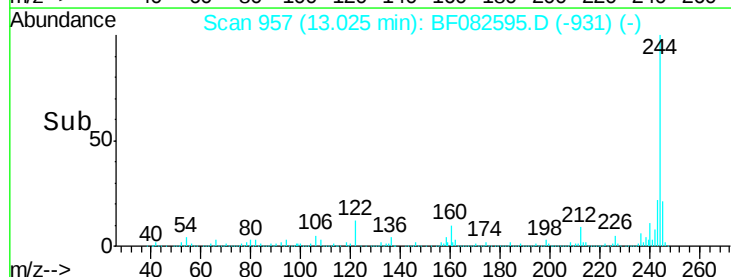
122 11.6 11.3 16.9

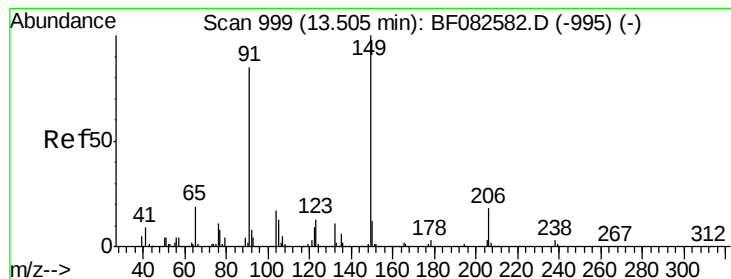


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 42.04 ng

RT: 13.51 min Scan# 999

Delta R.T. -0.00 min

Lab File: BF082595.D

Acq: 31 Oct 2015 2:30

Instrument :

BNA_F

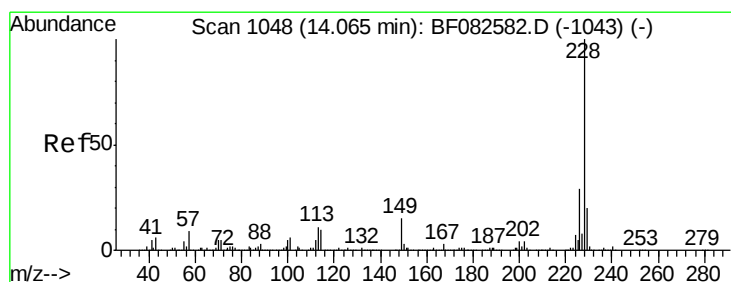
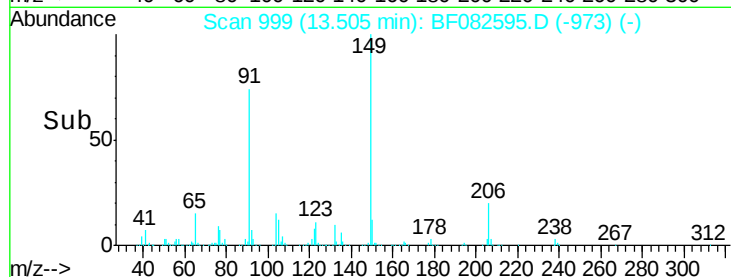
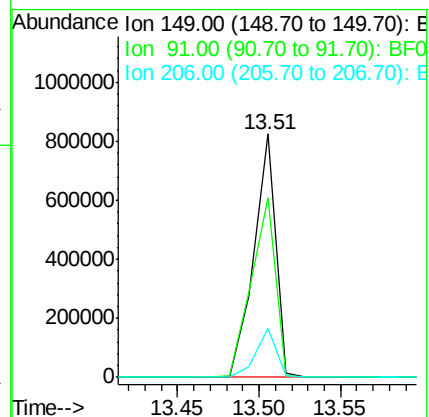
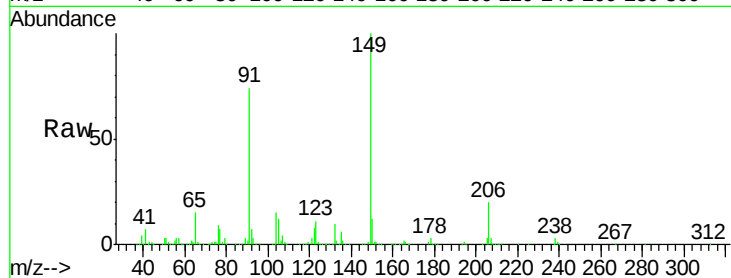
ClientSampleID :

PB86203BS

Tot Ion:	149	Resp:	767303
Ion Ratio	Lower	Upper	
149	100		
91	73.8	67.7	101.5
206	20.3	14.6	22.0

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#80

Benzo(a)anthracene

Concen: 38.97 ng

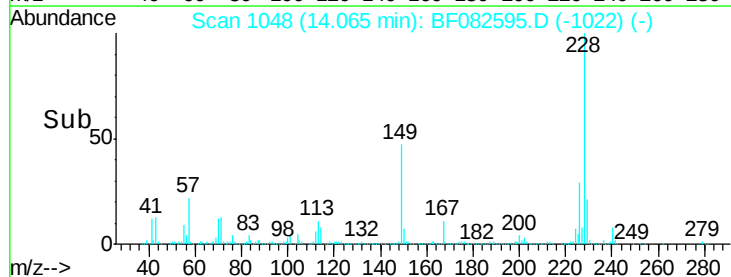
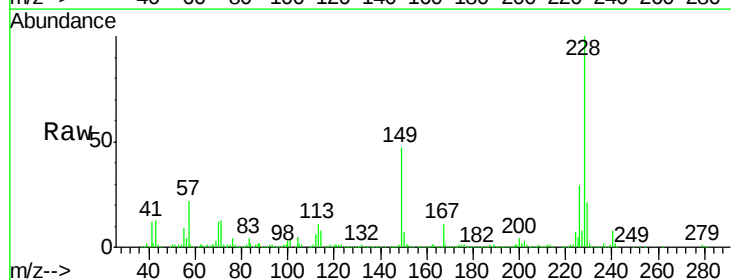
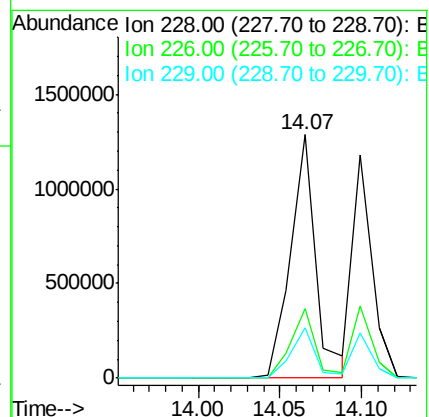
RT: 14.07 min Scan# 1048

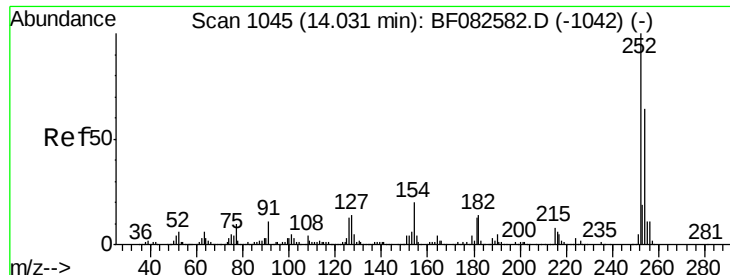
Delta R.T. -0.00 min

Lab File: BF082595.D

Acq: 31 Oct 2015 2:30

Tgt Ion:	228	Resp:	1393062
Ion Ratio	Lower	Upper	
228	100		
226	28.6	23.4	35.2
229	20.8	16.3	24.5





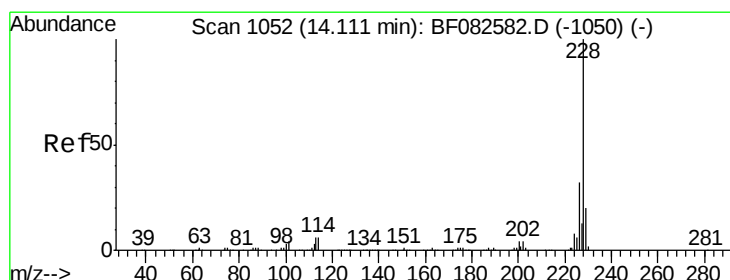
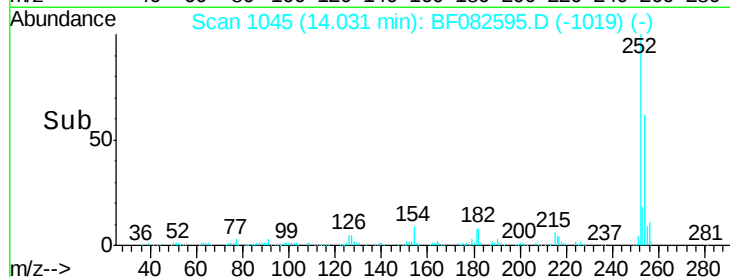
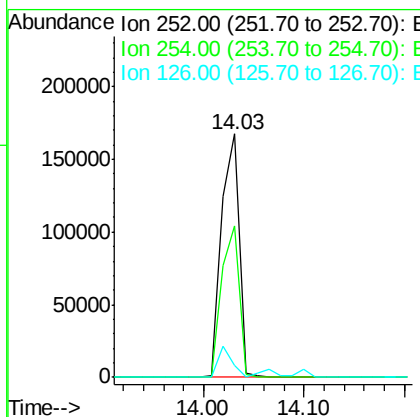
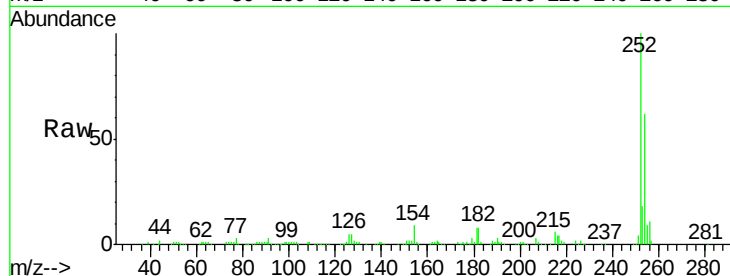
#81
 3,3'-Dichlorobenzidine
 Concen: 16.70 ng
 RT: 14.03 min Scan# 1045
 Delta R.T. -0.00 min
 Lab File: BF082595.D
 Acq: 31 Oct 2015 2:30

Instrument :
 BNA_F
 ClientSampleId :
 PB86203BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	62.1	51.4	77.0
126	4.9	10.7	16.1

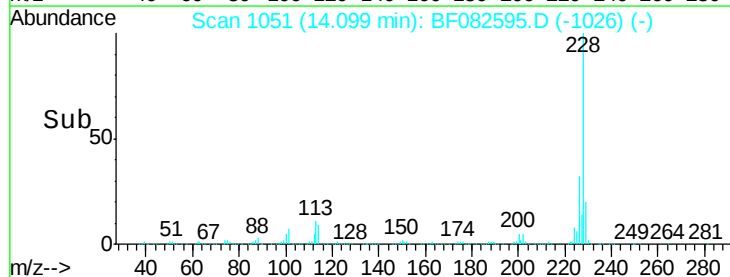
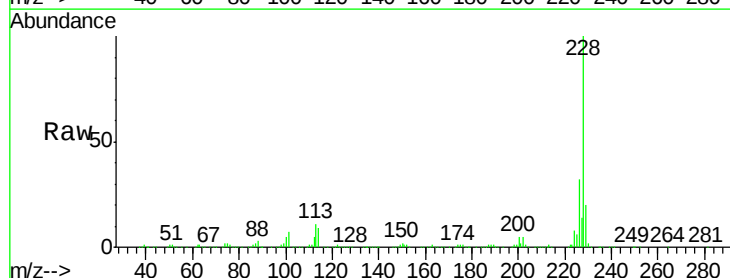
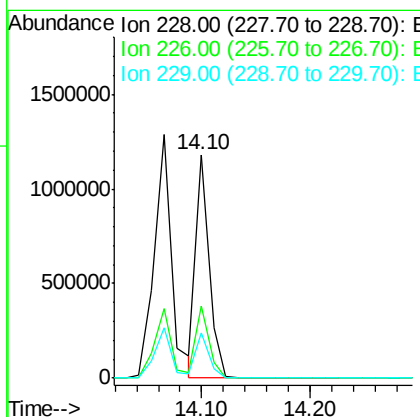
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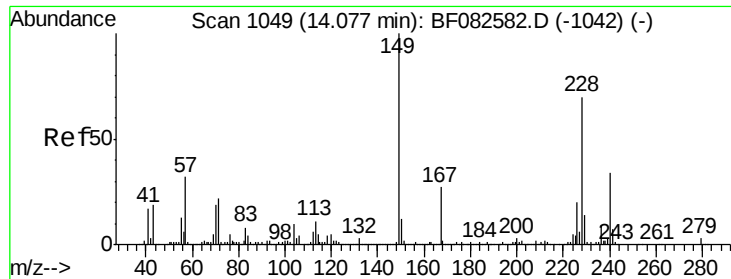
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 11/2/2015 4:32:06 PM



#82
 Chrysene
 Concen: 31.13 ng
 RT: 14.10 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: BF082595.D
 Acq: 31 Oct 2015 2:30

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	32.3	25.5	38.3
229	20.4	16.3	24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.13 ng

RT: 14.08 min Scan# 1049

Delta R.T. -0.00 min

Lab File: BF082595.D

Acq: 31 Oct 2015 2:30

Instrument :

BNA_F

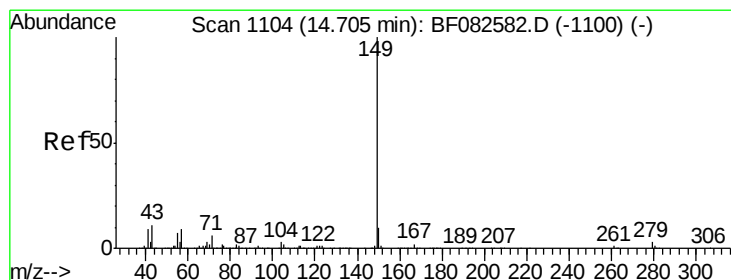
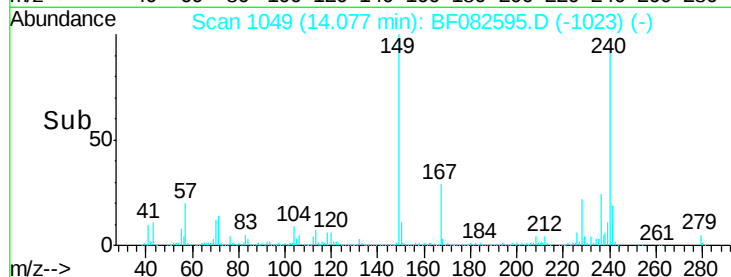
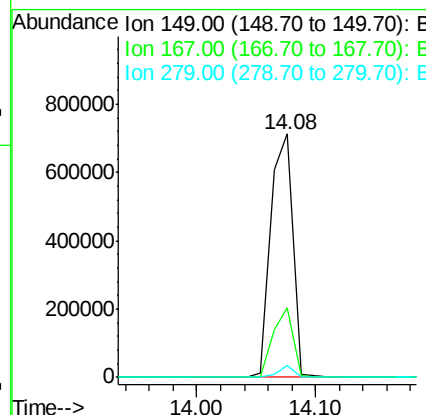
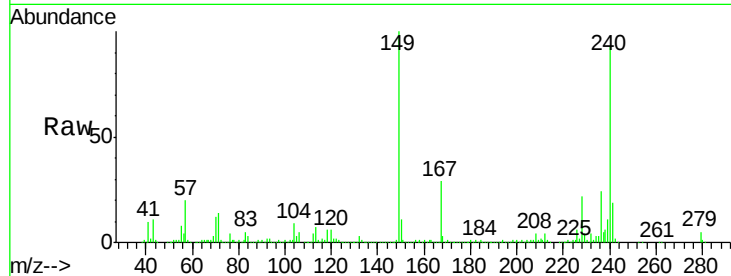
ClientSampleId :

PB86203BS

Tot Ion:	149	Resp:	925857
Ion Ratio	Lower	Upper	
149	100		
167	28.6	21.2	31.8
279	4.9	2.2	3.2#

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#84

Di-n-octyl phthalate

Concen: 38.12 ng

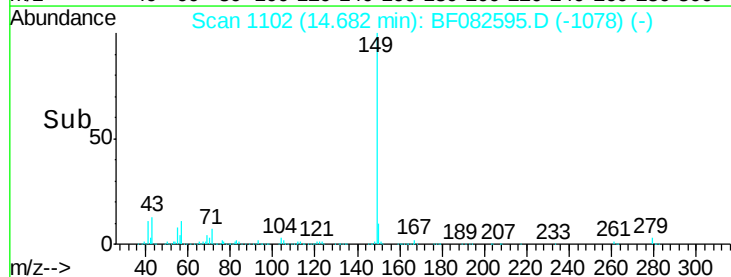
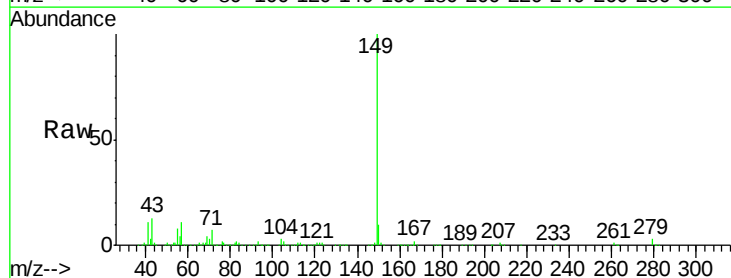
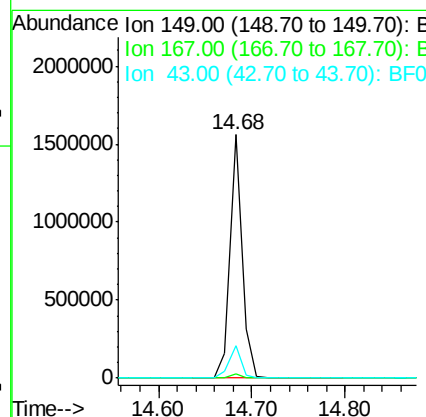
RT: 14.68 min Scan# 1102

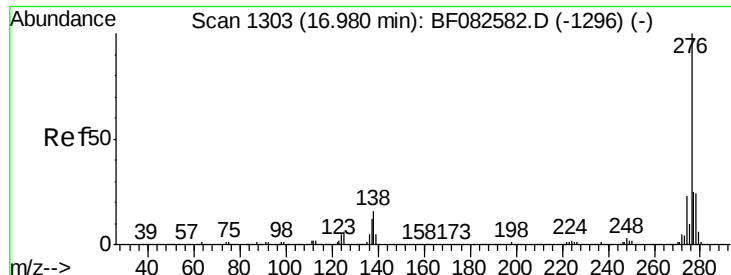
Delta R.T. -0.02 min

Lab File: BF082595.D

Acq: 31 Oct 2015 2:30

Tgt Ion:	149	Resp:	1406883
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	13.0	10.1	15.1





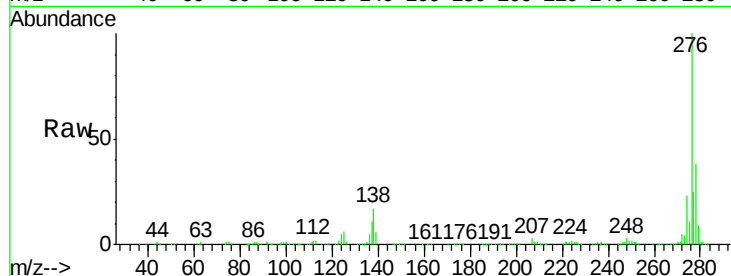
#85
Indeno(1,2,3-cd)pyrene
Concen: 36.94 ng
RT: 16.96 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BF082595.D
Acq: 31 Oct 2015 2:30

Instrument :
BNA_F
ClientSampleId :
PB86203BS

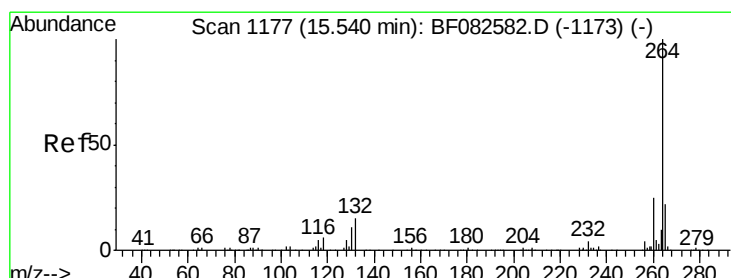
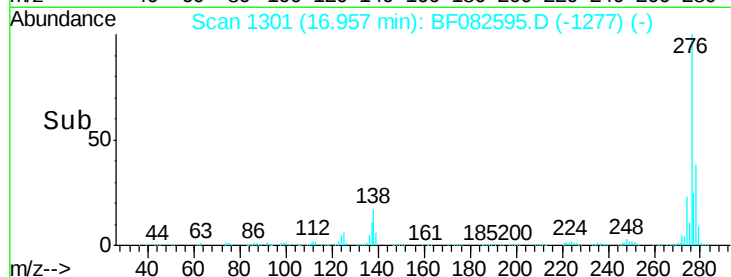
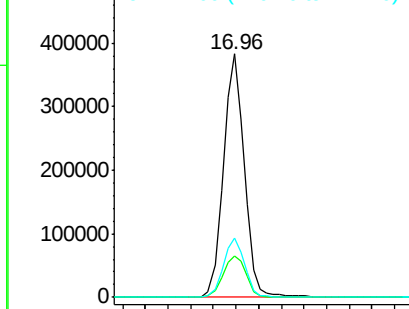
Tot Ion	Ratio	Lower	Upper
276	100		
138	18.7	15.3	22.9
277	24.8	20.2	30.4

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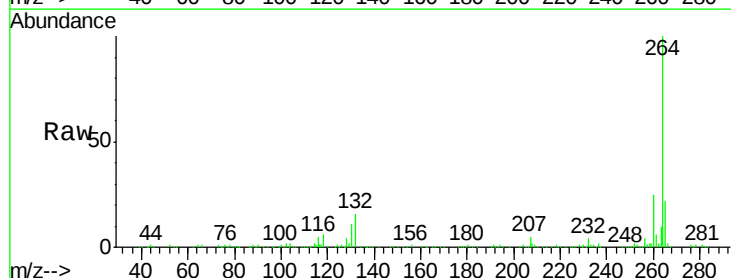


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

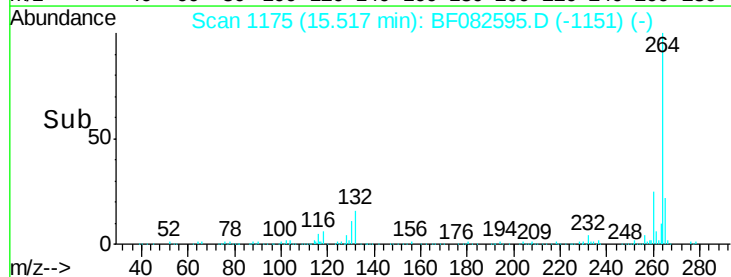
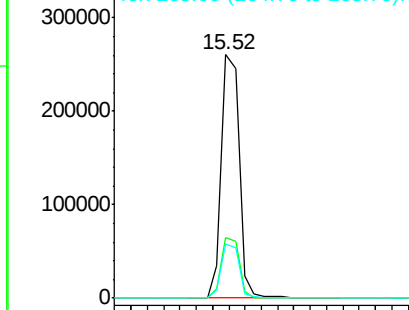


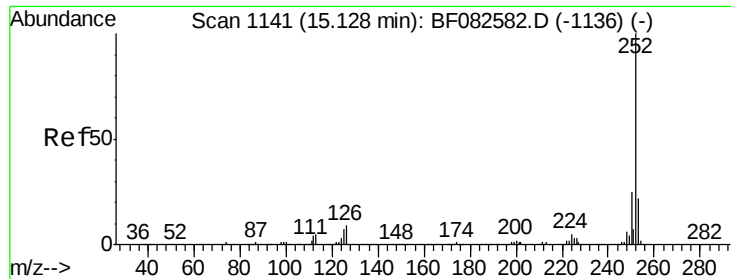
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.52 min Scan# 1175
Delta R.T. -0.02 min
Lab File: BF082595.D
Acq: 31 Oct 2015 2:30

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.8	29.6
265	22.4	17.4	26.0



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





#87

Benzo(b)fluoranthene

Concen: 35.28 ng

RT: 15.11 min Scan# 1139

Delta R.T. -0.02 min

Lab File: BF082595.D

Acq: 31 Oct 2015 2:30

Instrument :

BNA_F

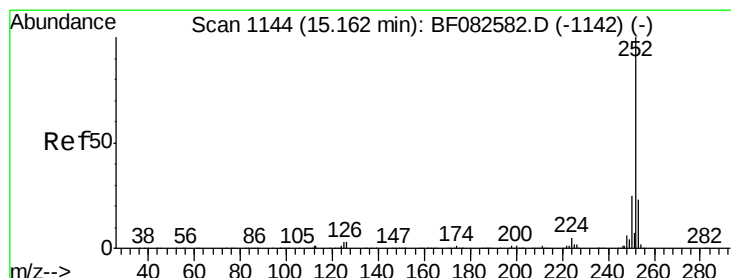
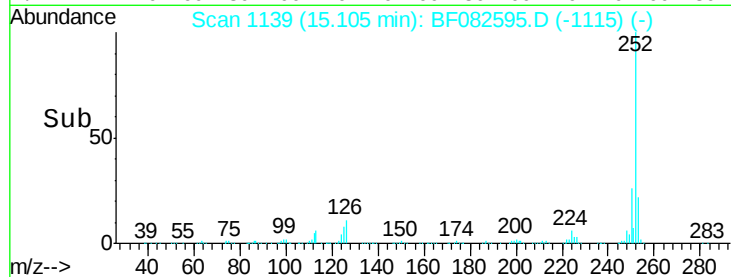
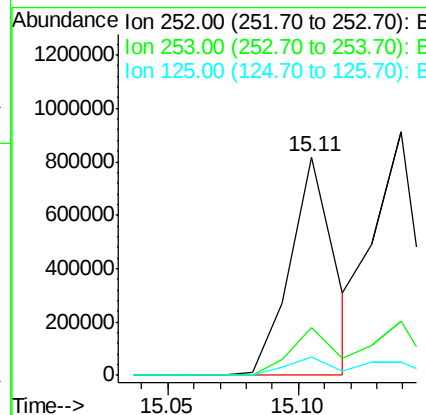
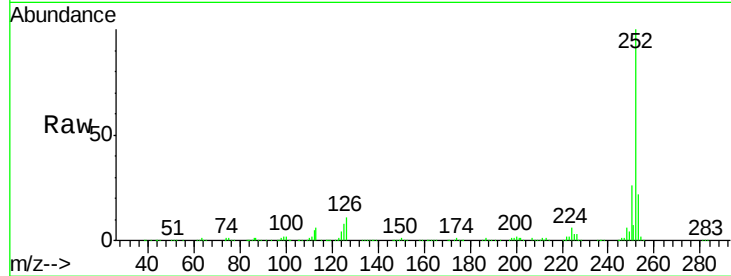
ClientSampleId :

PB86203BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.8
125	8.2	5.4	8.2

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#88

Benzo(k)fluoranthene

Concen: 48.96 ng m

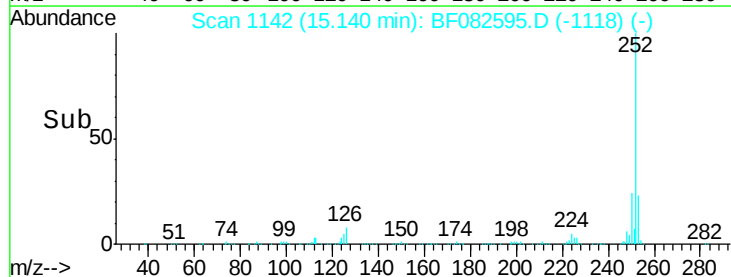
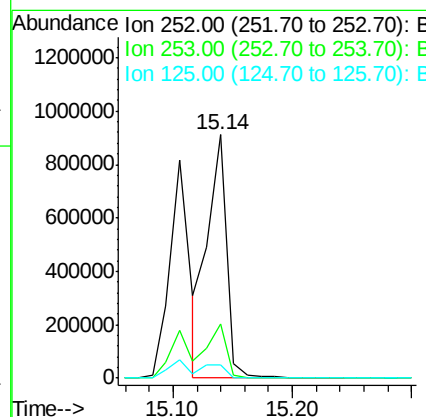
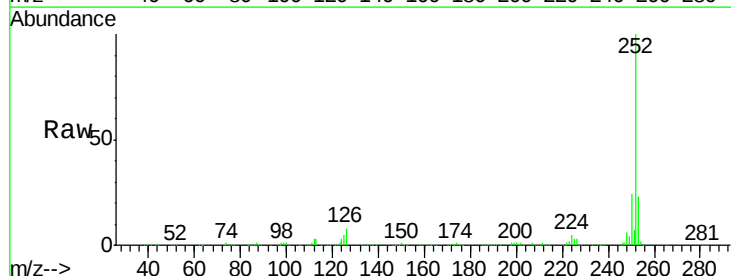
RT: 15.14 min Scan# 1142

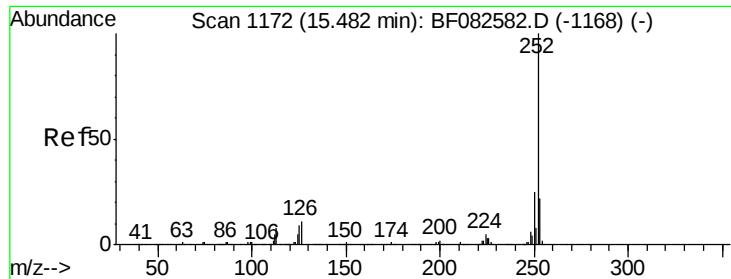
Delta R.T. -0.02 min

Lab File: BF082595.D

Acq: 31 Oct 2015 2:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	5.4	3.5	5.3#





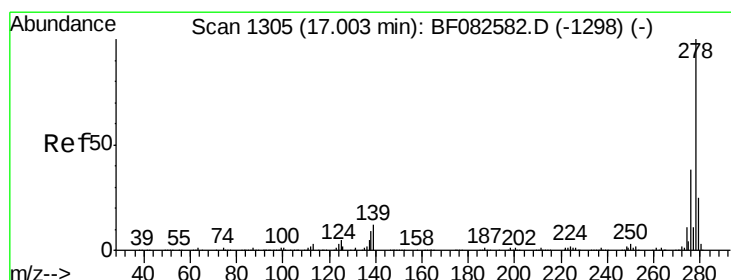
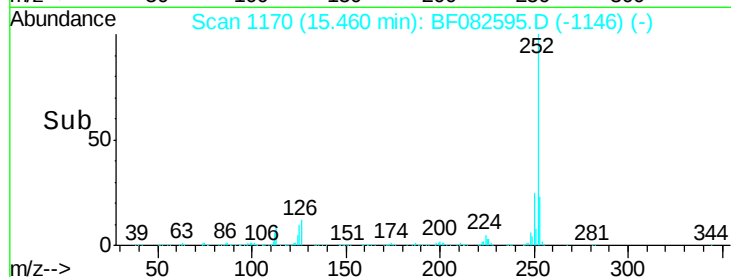
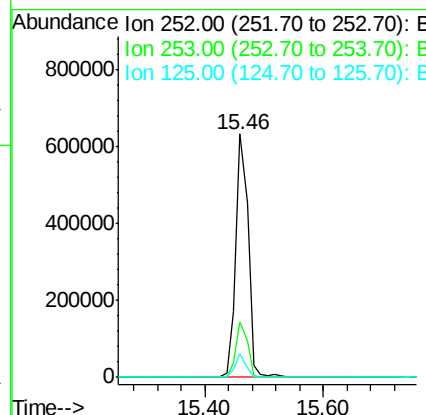
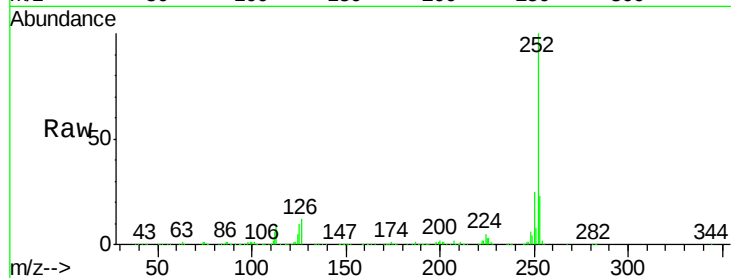
#89
Benzo(a)pyrene
Concen: 42.25 ng
RT: 15.46 min Scan# 1170
Delta R.T. -0.02 min
Lab File: BF082595.D
Acq: 31 Oct 2015 2:30

Instrument :
BNA_F
ClientSampleId :
PB86203BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.3	25.9
125	9.9	7.1	10.7

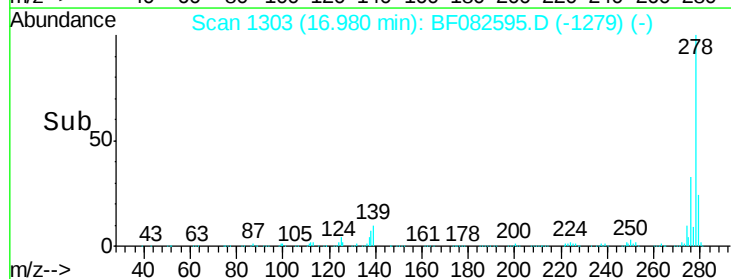
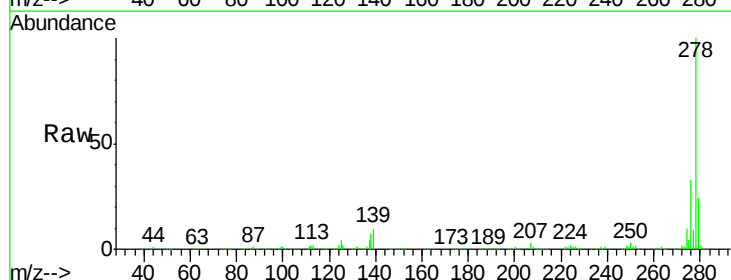
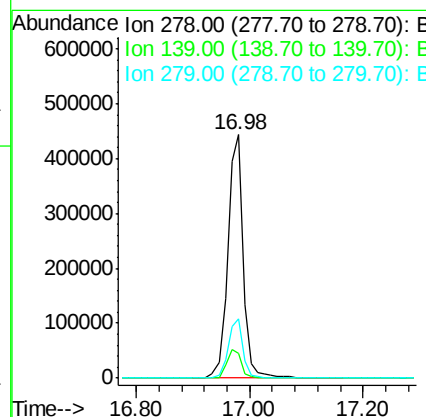
Manual Integrations
APPROVED

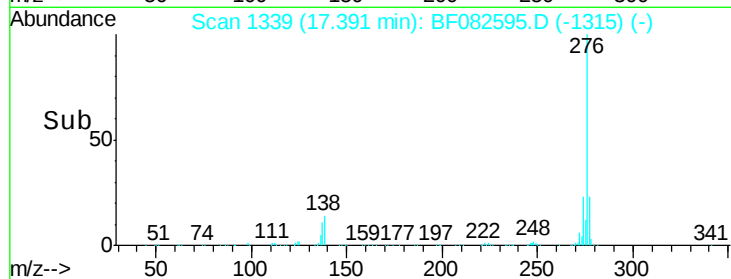
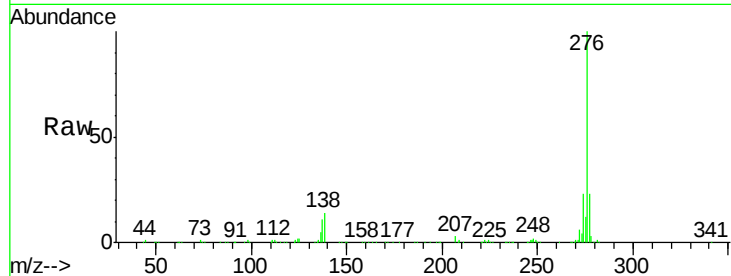
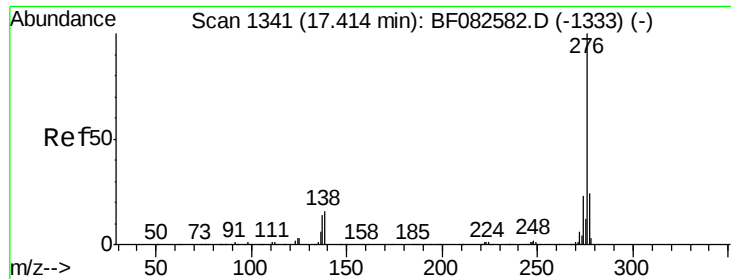
Mmdadoda
11/2/2015 4:32:06 PM



#90
Dibenzo(a,h)anthracene
Concen: 41.78 ng
RT: 16.98 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BF082595.D
Acq: 31 Oct 2015 2:30

Tgt Ion	Ratio	Lower	Upper
278	100		
139	10.3	9.9	14.9
279	24.1	19.6	29.4





#91

Benzo(a,h,i)perylene

Concen: 41.72 ng

RT: 17.39 min Scan# 1339

Delta R.T. -0.02 min

Lab File: BF082595.D

Acq: 31 Oct 2015 2:30

Tot Ion:	276	Resp:	813276
Ion Ratio	Lower	Upper	
276	100		
277	23.4	19.2	28.8
138	13.7	13.1	19.7

Instrument :

BNA_F

ClientSampleId :

PB86203BS

Manual Integrations
APPROVED

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