

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010816\
 Data File : BF084329.D
 Acq On : 8 Jan 2016 15:50
 Operator : SJ/UM
 Sample : PB87668BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87668BS

Manual Integrations
 APPROVED

Sohil
 1/10/2016 9:51:27 AM

Quant Time: Jan 08 23:22:24 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 12:22:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	254067	20.00	ng	-0.05
21) Naphthalene-d8	8.14	136	1085572	20.00	ng	-0.05
38) Acenaphthene-d10	9.90	164	510462	20.00	ng	-0.05
63) Phenanthrene-d10	11.38	188	943168	20.00	ng	-0.05
75) Chrysene-d12	14.02	240	703757	20.00	ng	-0.05
86) Perylene-d12	15.45	264	580044	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	1278639	81.40	ng	-0.02
7) Phenol-d6	6.50	99	1766716	89.56	ng	-0.03
23) Nitrobenzene-d5	7.42	82	1520398	77.95	ng	-0.05
41) 2,4,6-Tribromophenol	10.69	330	448174	86.96	ng	-0.05
44) 2-Fluorobiphenyl	9.23	172	2607662	90.26	ng	-0.03
78) Terphenyl-d14	12.97	244	2384097	75.62	ng	-0.05

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.54	88	258340	34.72	ng	# 76
3) Pyridine	3.25	79	742970	35.81	ng	# 71
4) n-Nitrosodimethylamine	3.22	42	429014	40.29	ng	# 78
6) Aniline	6.52	93	502103	17.40	ng	# 56
8) 2-Chlorophenol	6.65	128	794743	44.60	ng	97
9) Benzaldehyde	6.40	77	167348	13.03	ng	94
10) Phenol	6.52	94	880628	39.26	ng	96
11) bis(2-Chloroethyl)ether	6.60	93	740584m	42.62	ng	
12) 1,3-Dichlorobenzene	6.80	146	745660	40.56	ng	# 94
13) 1,4-Dichlorobenzene	6.88	146	786367	42.66	ng	94
14) 1,2-Dichlorobenzene	7.02	146	656948	37.21	ng	94
15) Benzyl Alcohol	7.00	79	611384	36.84	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.14	45	1178077	37.23	ng	85
17) 2-Methylphenol	7.13	107	660893	44.25	ng	94
18) Hexachloroethane	7.37	117	293476	39.81	ng	93
19) n-Nitroso-di-n-propylamine	7.28	70	517519	38.75	ng	# 70
20) 3+4-Methylphenols	7.28	107	698686	39.80	ng	# 60
22) Acetophenone	7.28	105	1049646	40.21	ng	# 89
24) Nitrobenzene	7.45	77	891461	45.06	ng	97
25) Isophorone	7.69	82	1506578	40.39	ng	98
26) 2-Nitrophenol	7.76	139	404383	44.91	ng	# 74
27) 2,4-Dimethylphenol	7.80	122	711694	39.05	ng	97
28) bis(2-Chloroethoxy)methane	7.90	93	934133	41.00	ng	# 98
29) 2,4-Dichlorophenol	8.01	162	640089	42.16	ng	98
30) 1,2,4-Trichlorobenzene	8.09	180	663190	42.32	ng	96
31) Naphthalene	8.17	128	2036940	41.36	ng	98
32) Benzoic acid	7.93	122	320180	30.00	ng	97
33) 4-Chloroaniline	8.21	127	194103	8.60	ng	98
34) Hexachlorobutadiene	8.28	225	355624	39.47	ng	98
35) Caprolactam	8.59	113	202718m	39.61	ng	
36) 4-Chloro-3-methylphenol	8.72	107	751394	44.19	ng	94
37) 2-Methylnaphthalene	8.86	142	1429182	40.42	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	574892	39.17	ng	# 98
40) Hexachlorocyclopentadiene	9.01	237	664551	75.02	ng	97

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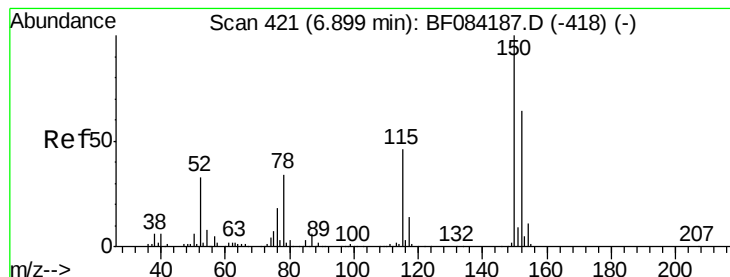
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	423530	38.58	nq	96
43) 2,4,5-Trichlorophenol	9.18	196	427684	40.63	nq	# 86
45) 1,1'-Biphenyl	9.32	154	1510879	37.24	nq	99
46) 2-Chloronaphthalene	9.34	162	1189633	37.33	nq	97
47) 2-Nitroaniline	9.45	65	500074	47.55	nq	94
48) Acenaphthylene	9.77	152	2040107	43.33	nq	98
49) Dimethylphthalate	9.63	163	1458092	39.96	nq	# 90
50) 2,6-Dinitrotoluene	9.69	165	306991	38.36	nq	# 48
51) Acenaphthene	9.94	154	1479803	46.86	nq	97
52) 3-Nitroaniline	9.86	138	218910	22.07	nq	# 80
53) 2,4-Dinitrophenol	9.96	184	258229	75.93	nq	# 86
54) Dibenzofuran	10.11	168	1801818	43.99	nq	95
55) 4-Nitrophenol	10.03	139	496327	68.94	nq	# 74
56) 2,4-Dinitrotoluene	10.10	165	464592	45.86	nq	# 79
57) Fluorene	10.45	166	1429771	45.22	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	339173	37.74	nq	96
59) Diethylphthalate	10.33	149	1441726	40.07	nq	99
60) 4-Chlorophenyl-phenylether	10.44	204	605900	45.49	nq	95
61) 4-Nitroaniline	10.48	138	365610	41.35	nq	94
62) Azobenzene	10.60	77	1641215	41.59	nq	91
64) 4,6-Dinitro-2-methylphenol	10.50	198	225047	39.06	nq	91
65) n-Nitrosodiphenylamine	10.57	169	1283177	42.55	nq	99
66) 4-Bromophenyl-phenylether	10.93	248	426432	42.01	nq	# 88
67) Hexachlorobenzene	10.99	284	439151	38.43	nq	# 76
68) Atrazine	11.09	200	391841	39.71	nq	98
69) Pentachlorophenol	11.20	266	470126	79.35	nq	98
70) Phenanthrene	11.41	178	2159497	43.77	nq	96
71) Anthracene	11.46	178	1899393	39.27	nq	98
72) Carbazole	11.62	167	1888100	39.93	nq	98
73) Di-n-butylphthalate	11.95	149	2142235	41.87	nq	# 95
74) Fluoranthene	12.59	202	2078625	40.33	nq	98
76) Benzidine	12.72	184	634643	25.15	nq	99
77) Pyrene	12.82	202	2128509	38.54	nq	98
79) Butylbenzylphthalate	13.45	149	999359	41.82	nq	95
80) Benzo(a)anthracene	14.01	228	1671277	40.44	nq	98
81) 3,3'-Dichlorobenzidine	13.97	252	349536	24.24	nq	# 94
82) Chrysene	14.05	228	1726213	43.47	nq	100
83) Bis(2-ethylhexyl)phthalate	14.01	149	1203943	39.88	nq	97
84) Di-n-octyl phthalate	14.63	149	2205623	43.27	nq	# 89
85) Indeno(1,2,3-cd)pyrene	16.84	276	1316714	41.83	nq	99
87) Benzo(b)fluoranthene	15.04	252	1858148m	48.97	nq	
88) Benzo(k)fluoranthene	15.07	252	1098290m	35.39	nq	
89) Benzo(a)pyrene	15.39	252	1350563	41.96	nq	# 98
90) Dibenzo(a,h)anthracene	16.87	278	1081223	39.04	nq	97
91) Benzo(g,h,i)perylene	17.27	276	1093917	38.14	nq	99

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



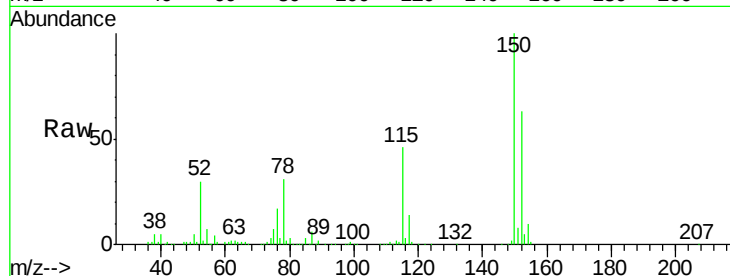
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 417
 Delta R.T. -0.05 min
 Lab File: BF084329.D
 Acq: 8 Jan 2016 15:50

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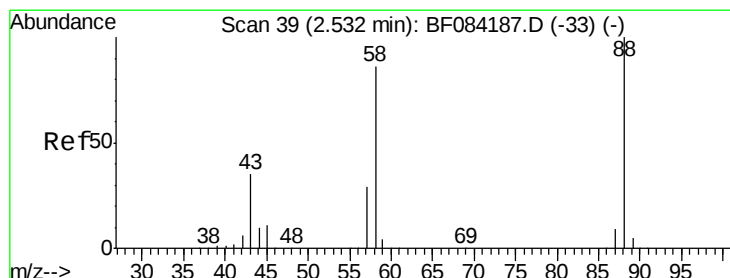
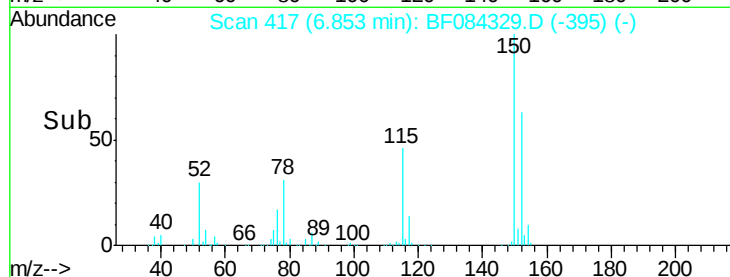
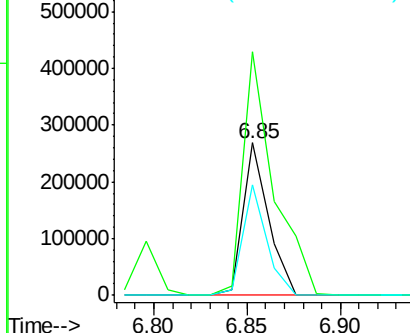
Tot Ion	Ratio	Lower	Upper
152	100		
150	159.5	123.0	184.4
115	72.8	51.4	77.2

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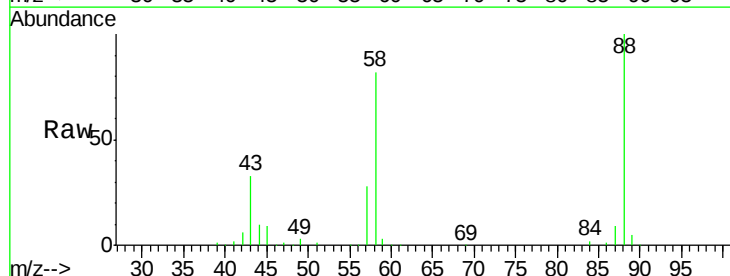


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

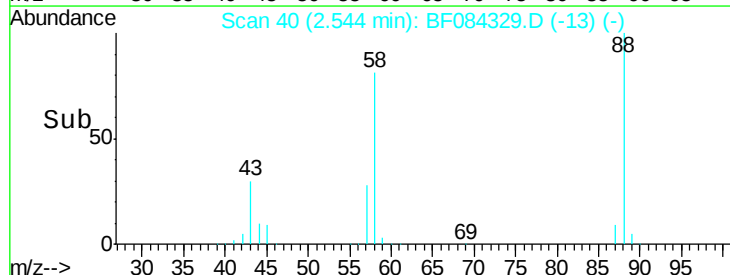
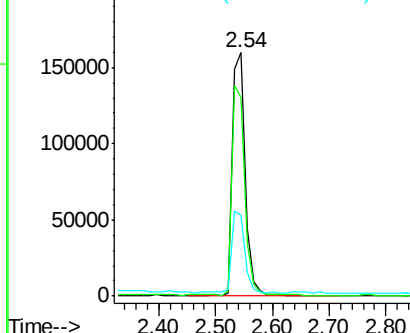


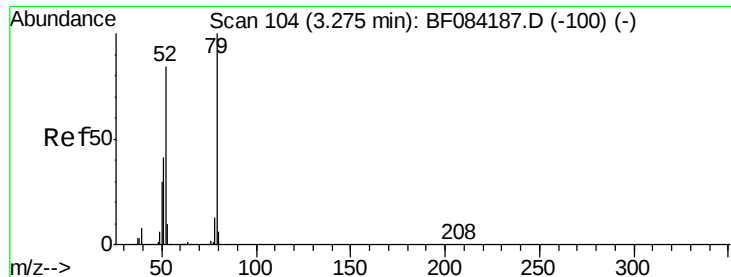
#2
 1,4-Dioxane
 Concen: 34.72 ng
 RT: 2.54 min Scan# 40
 Delta R.T. 0.01 min
 Lab File: BF084329.D
 Acq: 8 Jan 2016 15:50

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.5	51.2	76.8#
43	34.4	19.5	29.3#



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: 35.81 ng

RT: 3.25 min Scan# 102

Delta R.T. -0.02 min

Lab File: BF084329.D

Acq: 8 Jan 2016 15:50

Instrument :

BNA_F

ClientSampleId :

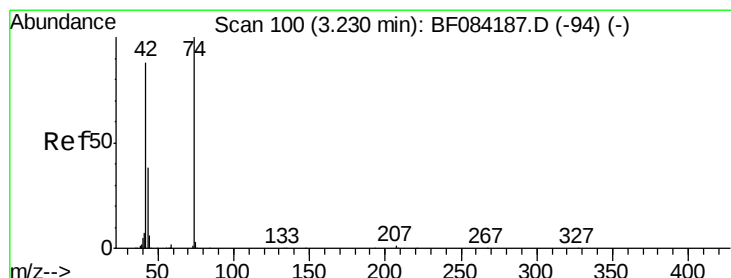
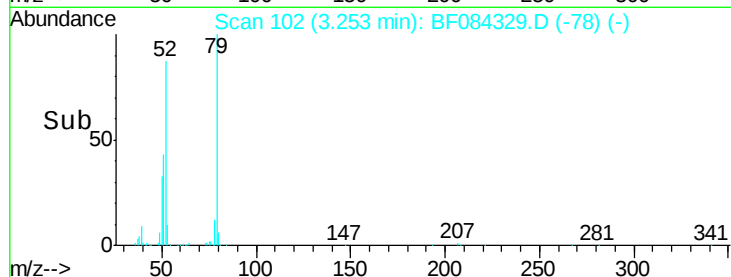
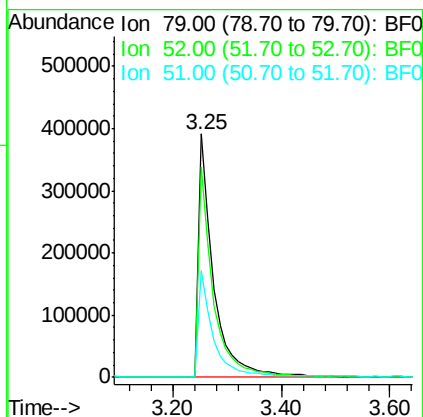
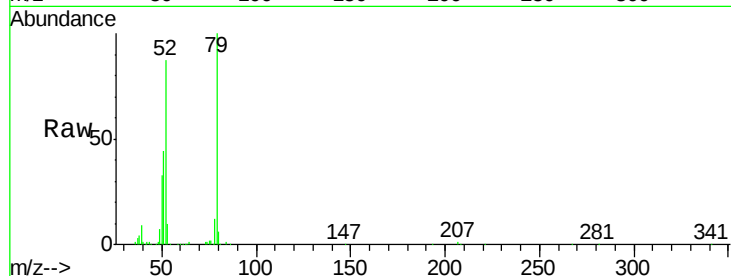
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Tot Ion	Ratio	Lower	Upper
79	100		
52	86.6	49.0	73.4#
51	43.7	25.2	37.8#



#4

n-Nitrosodimethylamine

Concen: 40.29 ng

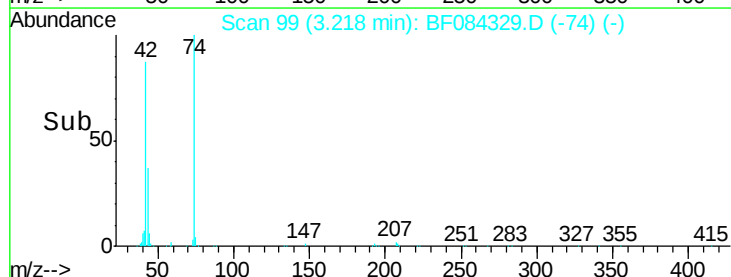
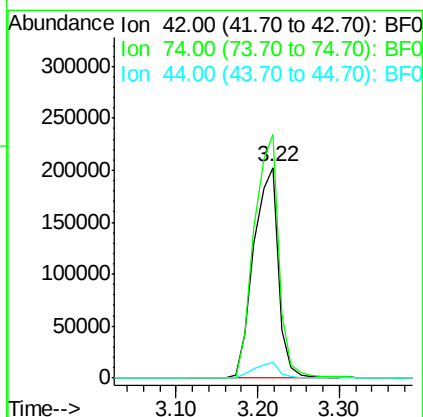
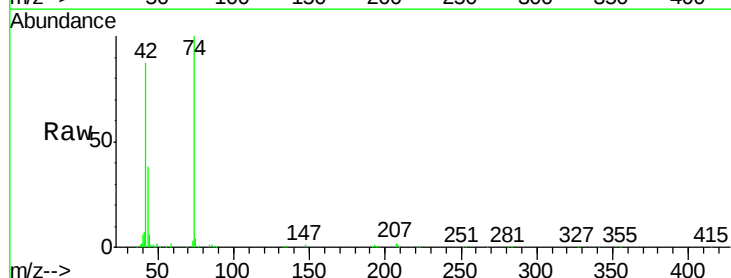
RT: 3.22 min Scan# 99

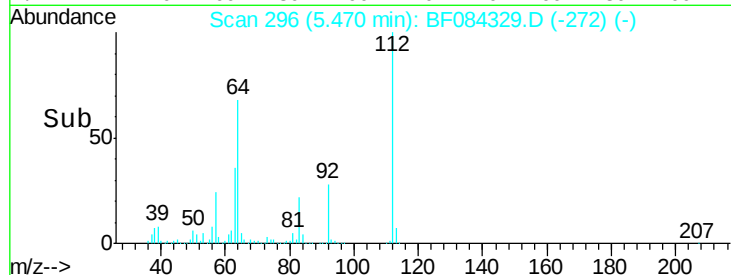
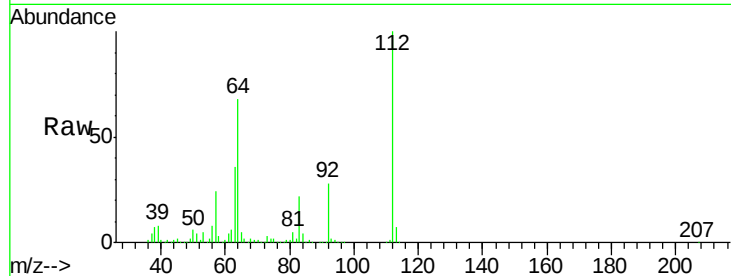
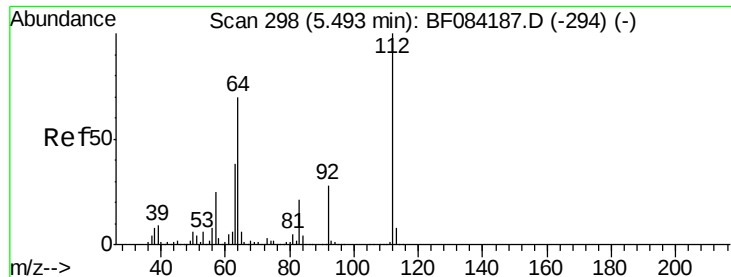
Delta R.T. -0.01 min

Lab File: BF084329.D

Acq: 8 Jan 2016 15:50

Tgt Ion	Ratio	Lower	Upper
42	100		
74	115.6	115.7	173.5#
44	7.2	5.1	7.7





#5

2-Fluorophenol

Concen: 81.40 ng

RT: 5.47 min Scan# 296

Delta R.T. -0.02 min

Lab File: BF084329.D

Acq: 8 Jan 2016 15:50

Tot Ion:	112	Resp:	1278639
Ion	Ratio	Lower	Upper
112	100		
64	67.8	36.6	55.0#
63	36.3	19.4	29.0#

Instrument :

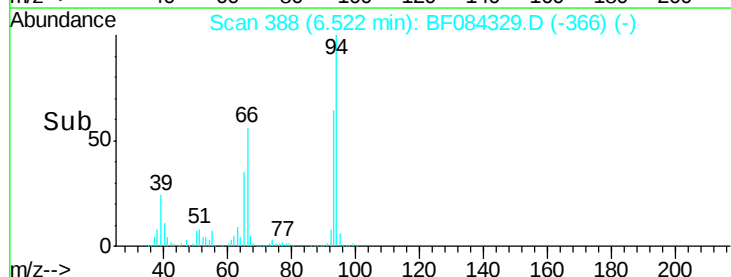
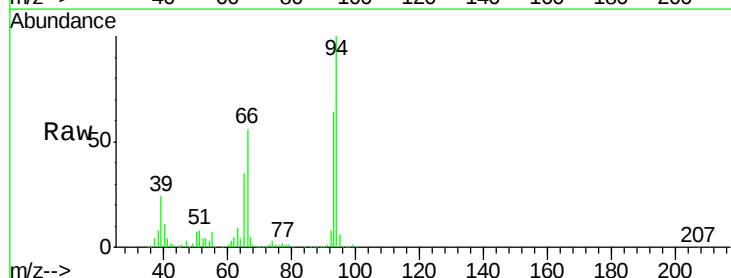
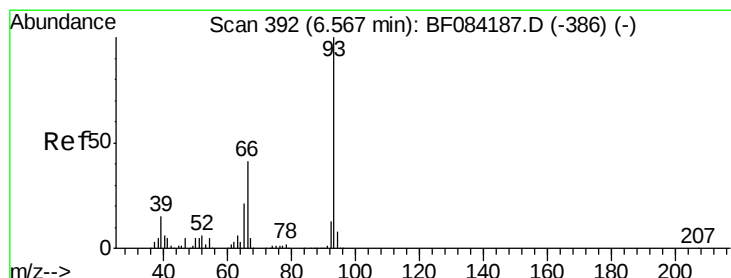
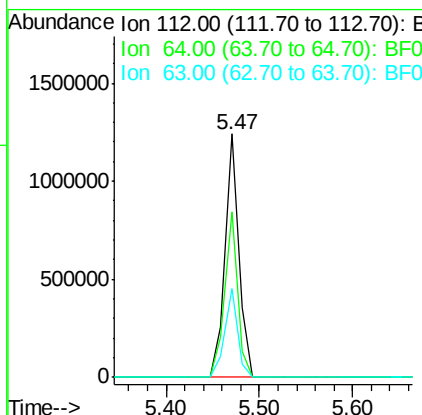
BNA_F

ClientSampleId :

PB87668BS

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#6

Aniline

Concen: 17.40 ng

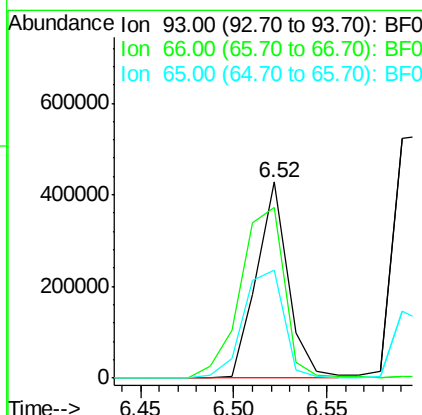
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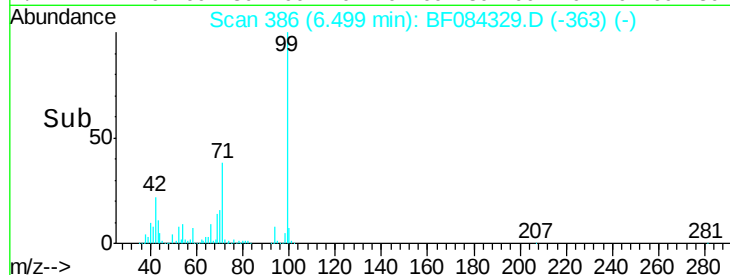
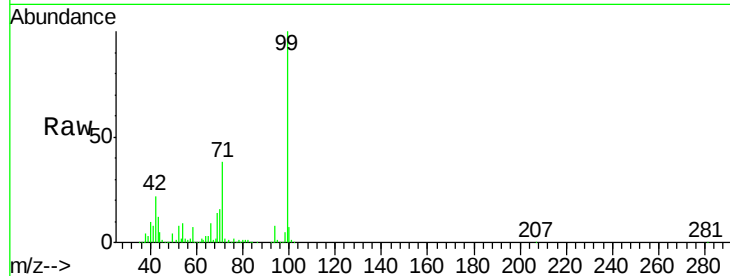
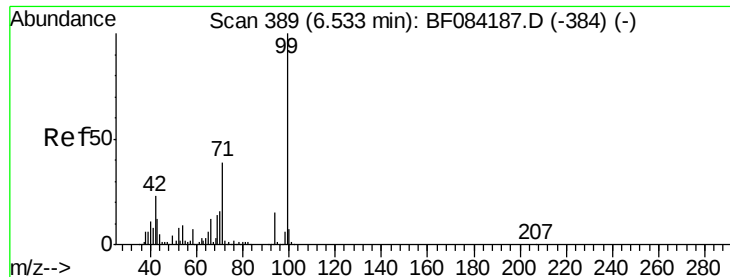
Delta R.T. -0.05 min

Lab File: BF084329.D

Acq: 8 Jan 2016 15:50

Tgt Ion:	93	Resp:	502103
Ion	Ratio	Lower	Upper
93	100		
66	86.9	44.9	67.3#
65	55.3	23.7	35.5#





#7

Phenol-d6

Concen: 89.56 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.03 min

Lab File: BF084329.D

Acq: 8 Jan 2016 15:50

Tot Ion: 99 Resp: 1766716

Ion Ratio Lower Upper

99 100

42 22.2 12.8 19.2#

71 38.1 30.9 46.3

Instrument :

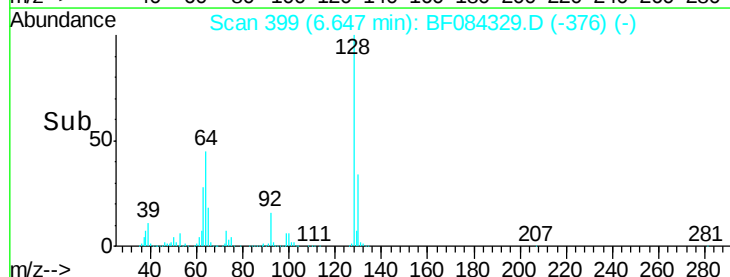
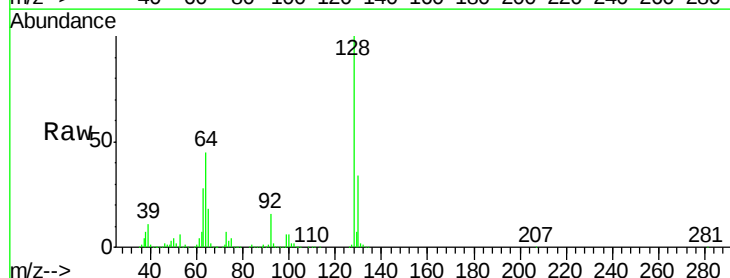
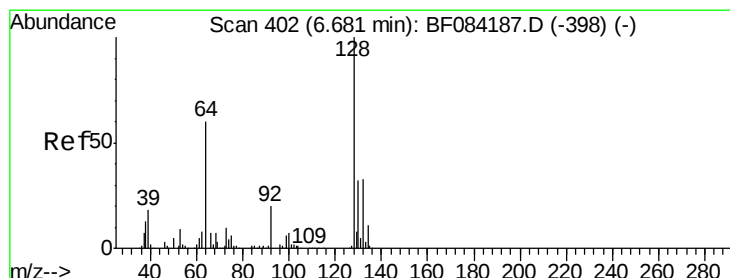
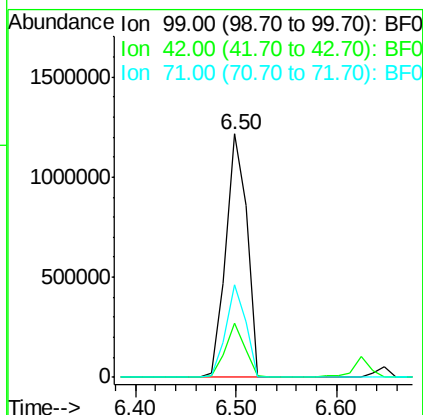
BNA_F

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#8

2-Chlorophenol

Concen: 44.60 ng

RT: 6.65 min Scan# 399

Delta R.T. -0.03 min

Lab File: BF084329.D

Acq: 8 Jan 2016 15:50

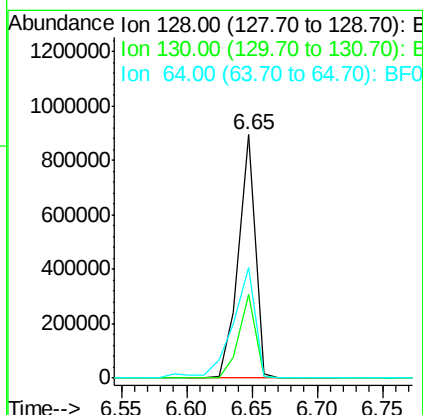
Tgt Ion: 128 Resp: 794743

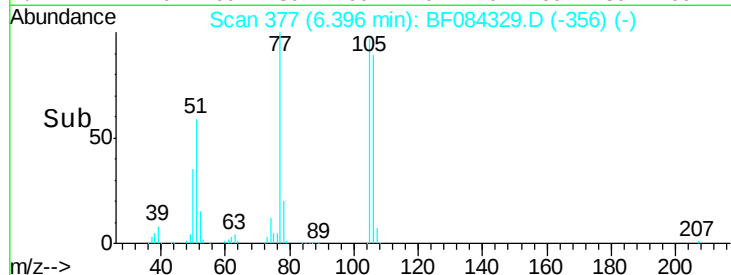
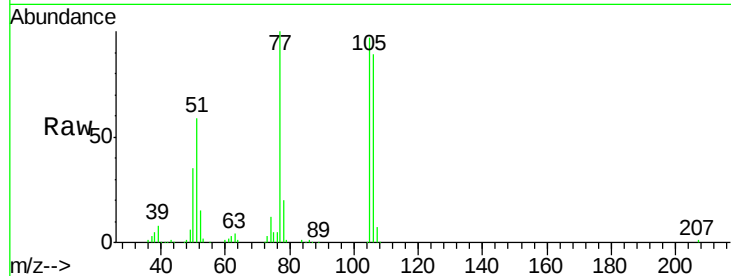
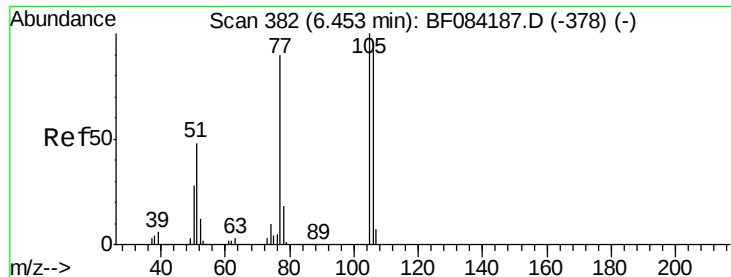
Ion Ratio Lower Upper

128 100

130 34.2 11.6 51.6

64 45.1 23.8 63.8





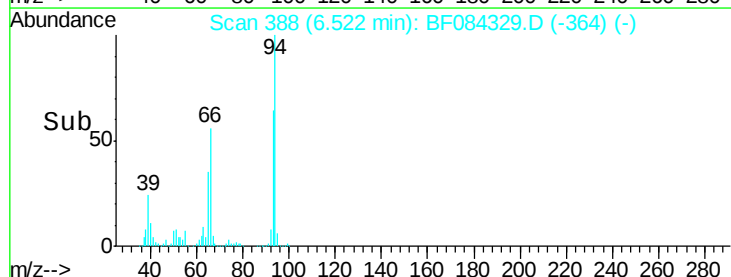
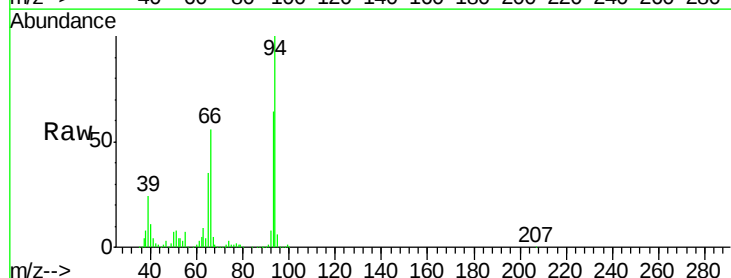
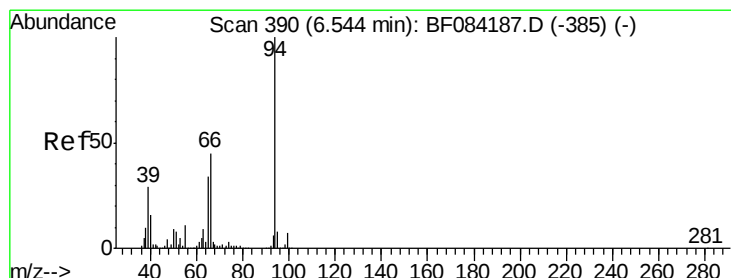
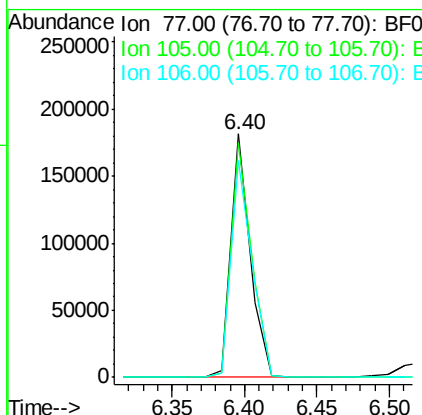
#9
Benzaldehyde
Concen: 13.03 ng
RT: 6.40 min Scan# 377
Delta R.T. -0.06 min
Lab File: BF084329.D
Acq: 8 Jan 2016 15:50

Tot Ion	Ratio	Lower	Upper
77	100		
105	96.5	83.0	123.0
106	89.2	74.6	114.6

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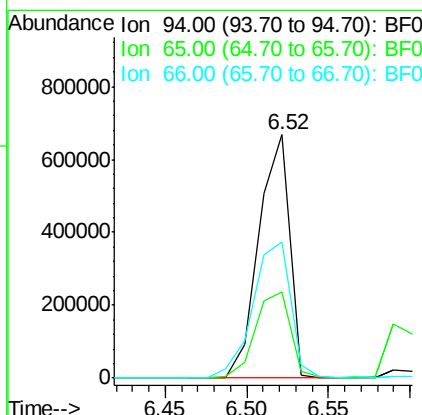
Manual Integrations
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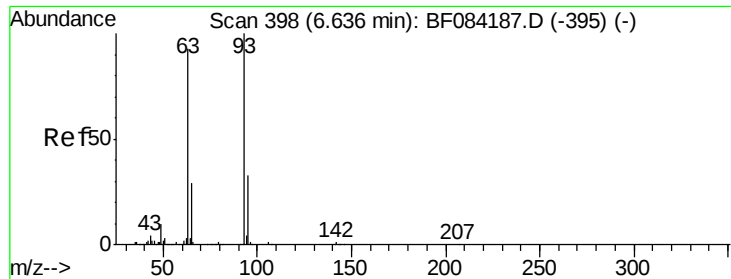
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#10
Phenol
Concen: 39.26 ng
RT: 6.52 min Scan# 388
Delta R.T. -0.02 min
Lab File: BF084329.D
Acq: 8 Jan 2016 15:50

Tgt Ion	Ratio	Lower	Upper
94	100		
65	35.4	12.9	52.9
66	55.6	32.7	72.7





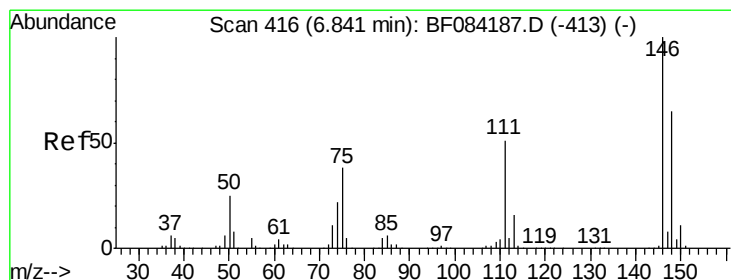
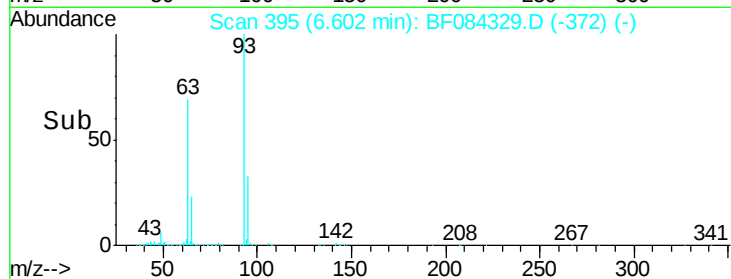
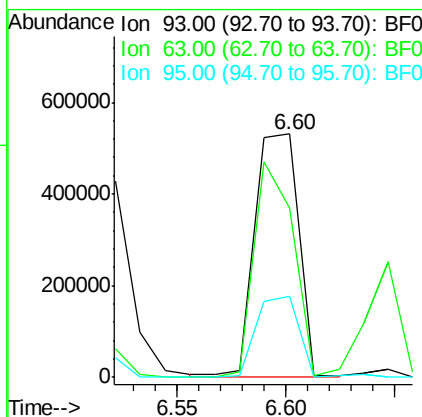
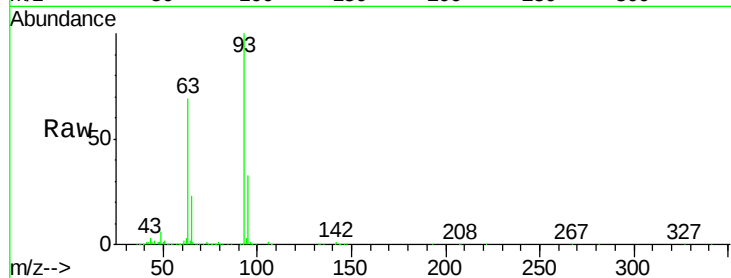
#11
bis(2-Chloroethyl)ether
Concen: 42.62 ng/ml
RT: 6.60 min Scan# 395
Delta R.T. -0.03 min
Lab File: BF084329.D
Acq: 8 Jan 2016 15:50

Instrument :
BNA_F
ClientSampleId :
PB87668BS

Tot Ion	93	Resp	740584
Ion Ratio	Lower	Upper	
93	100		
63	69.5	45.9	85.9
95	33.1	12.3	52.3

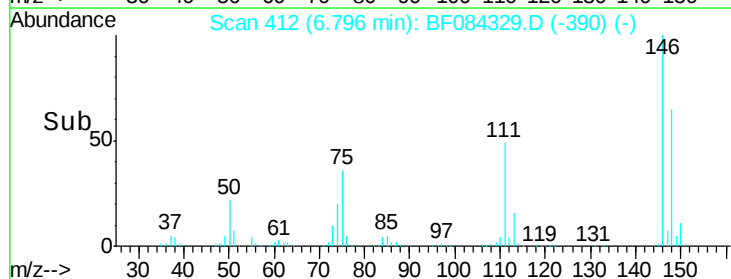
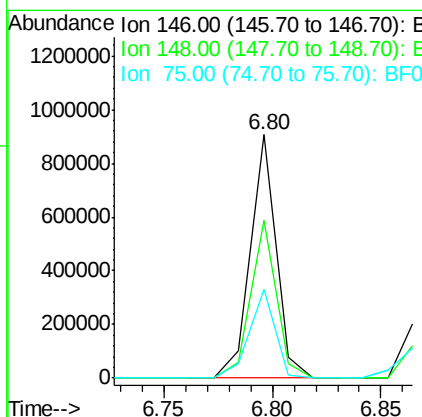
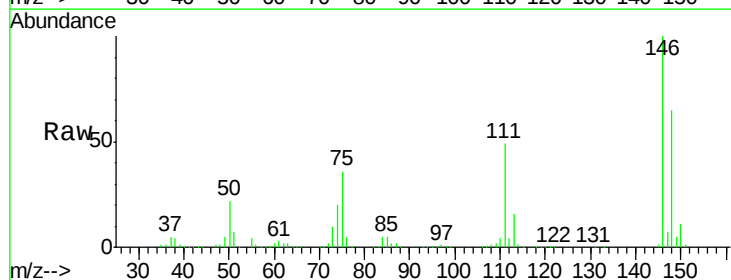
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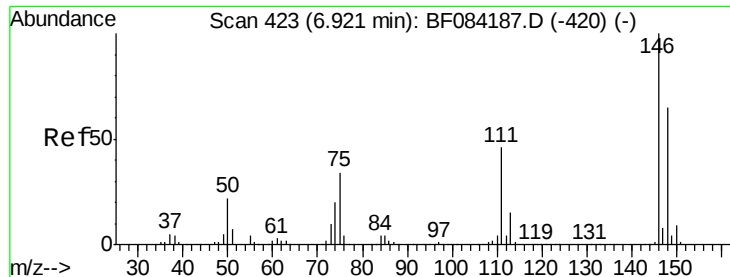
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#12
1,3-Dichlorobenzene
Concen: 40.56 ng/ml
RT: 6.80 min Scan# 412
Delta R.T. -0.05 min
Lab File: BF084329.D
Acq: 8 Jan 2016 15:50

Tgt Ion	146	Resp	745660
Ion Ratio	Lower	Upper	
146	100		
148	64.9	51.9	77.9
75	36.4	20.5	30.7#





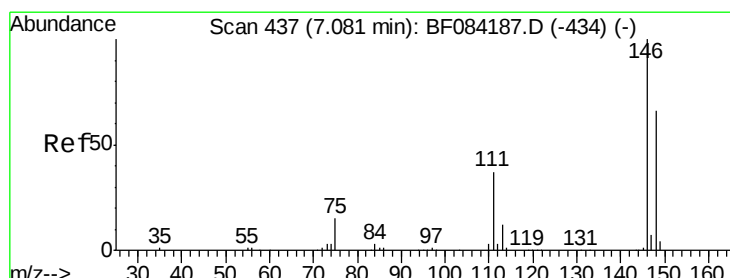
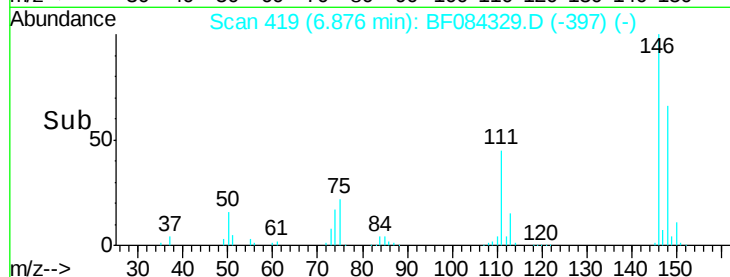
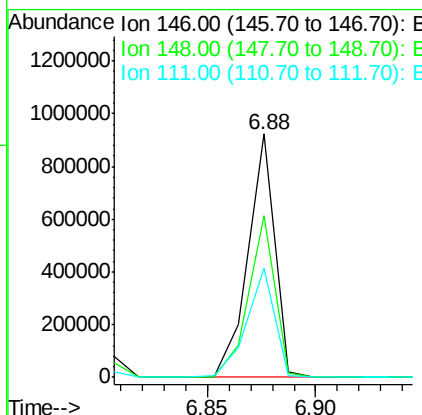
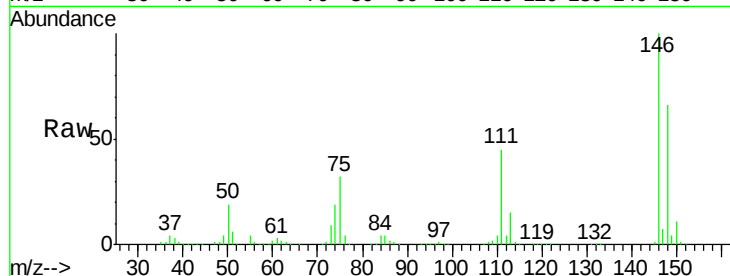
#13
 1,4-Dichlorobenzene
 Concen: 42.66 ng
 RT: 6.88 min Scan# 419
 Delta R.T. -0.05 min
 Lab File: BF084329.D
 Acq: 8 Jan 2016 15:50

Instrument :
 BNA_F
 ClientSampleId :
 PB87668BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.3	51.9	77.9
111	44.8	41.6	62.4

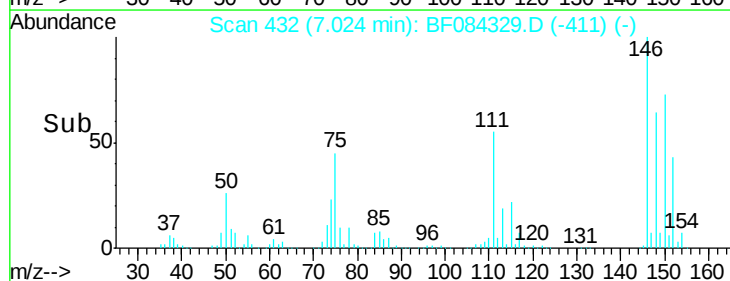
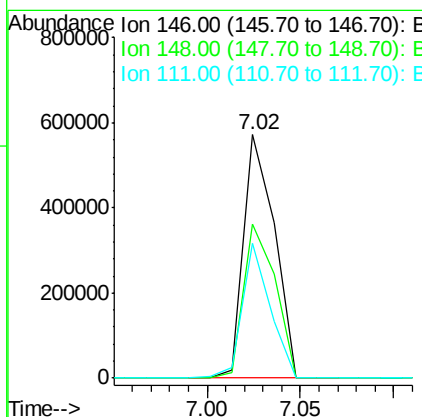
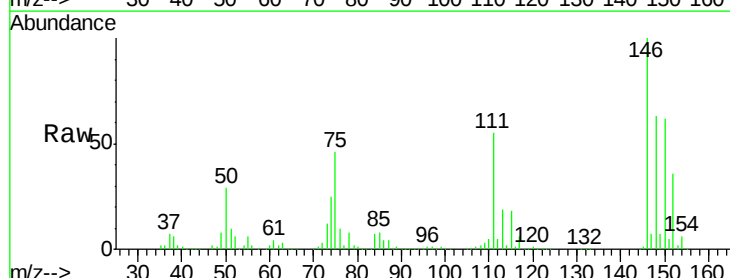
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#14
 1,2-Dichlorobenzene
 Concen: 37.21 ng
 RT: 7.02 min Scan# 432
 Delta R.T. -0.06 min
 Lab File: BF084329.D
 Acq: 8 Jan 2016 15:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.6	77.4
111	55.4	38.0	57.0





#15

Benzyl Alcohol

Concen: 36.84 ng

RT: 7.00 min Scan# 430

Delta R.T. -0.05 min

Lab File: BF084329.D

Acq: 8 Jan 2016 15:50

Instrument :

BNA_F

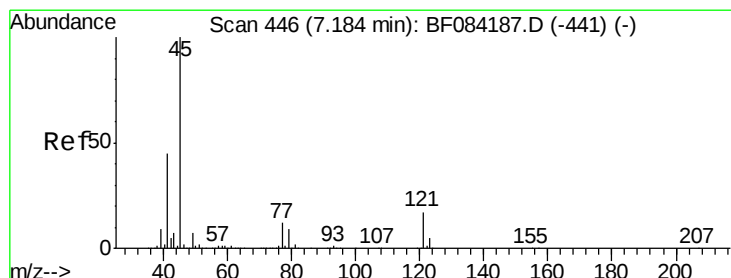
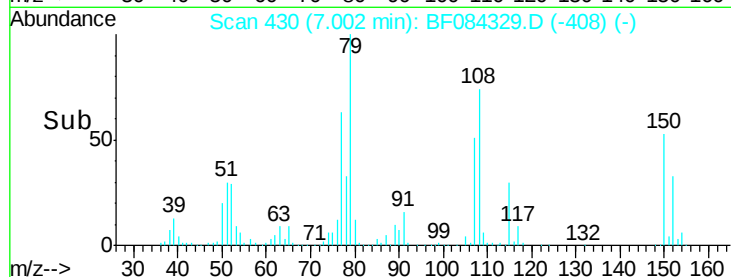
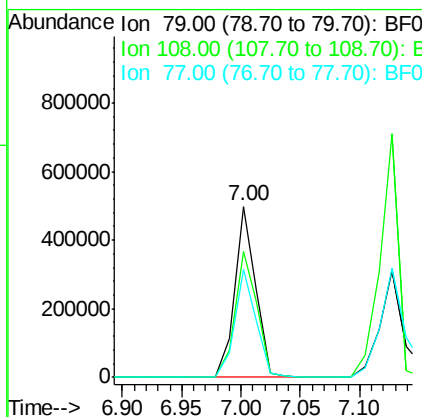
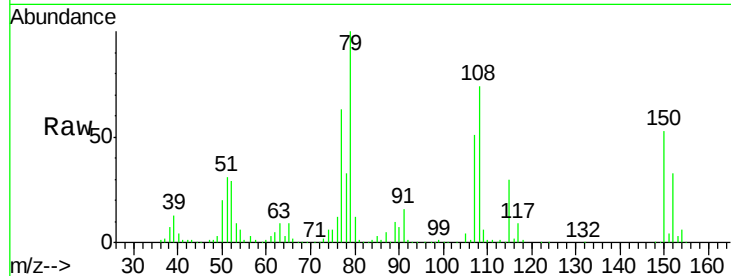
ClientSampled :

PB87668BS

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Tot Ion:	79	Resp:	611384
Ion Ratio	Lower	Upper	
79	100		
108	73.7	69.0	103.4
77	63.0	50.0	75.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.23 ng

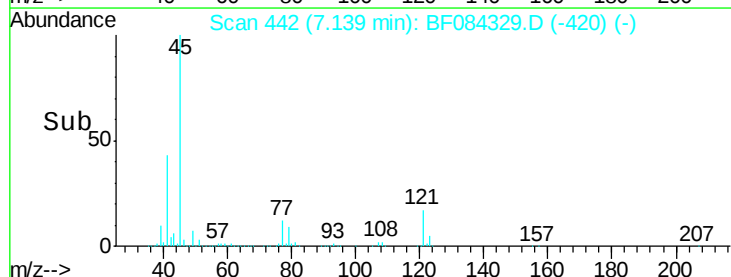
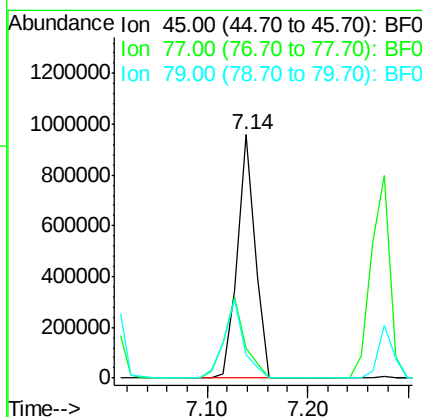
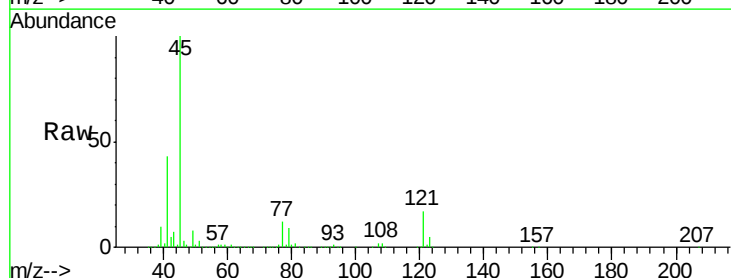
RT: 7.14 min Scan# 442

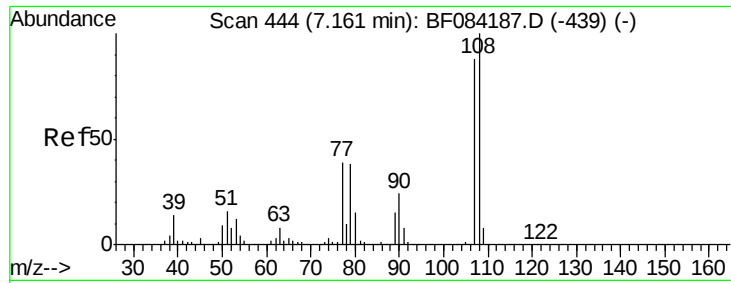
Delta R.T. -0.05 min

Lab File: BF084329.D

Acq: 8 Jan 2016 15:50

Tgt Ion:	45	Resp:	1178077
Ion Ratio	Lower	Upper	
45	100		
77	12.2	0.0	39.6
79	9.5	0.0	35.0





#17

2-Methylphenol

Concen: 44.25 ng

RT: 7.13 min Scan# 441

Delta R.T. -0.03 min

Lab File: BF084329.D

Acq: 8 Jan 2016 15:50

Instrument :

BNA_F

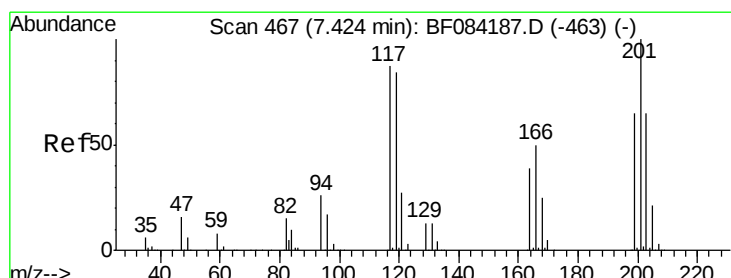
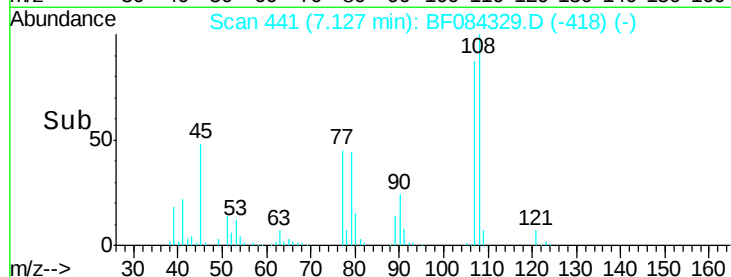
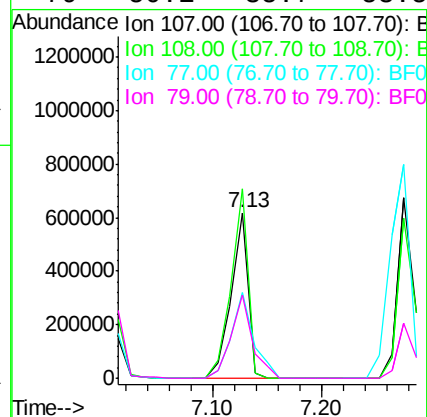
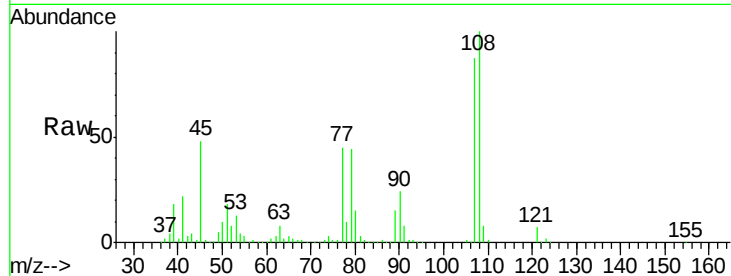
ClientSampleId :

PB87668BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	660893		
108	114.9	89.8	134.6	
77	51.8	35.7	53.5	
79	50.1	35.7	53.5	

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#18

Hexachloroethane

Concen: 39.81 ng

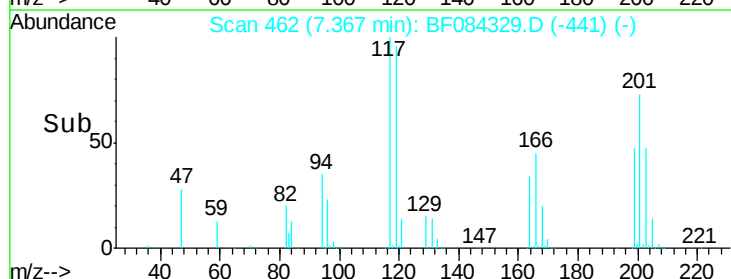
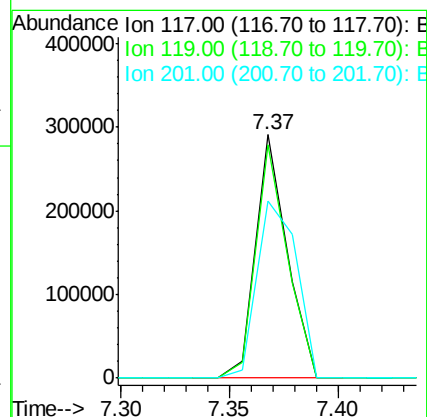
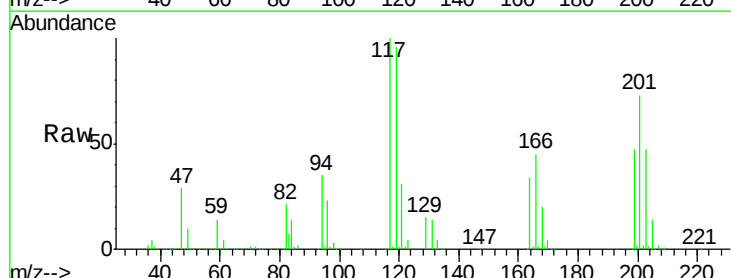
RT: 7.37 min Scan# 462

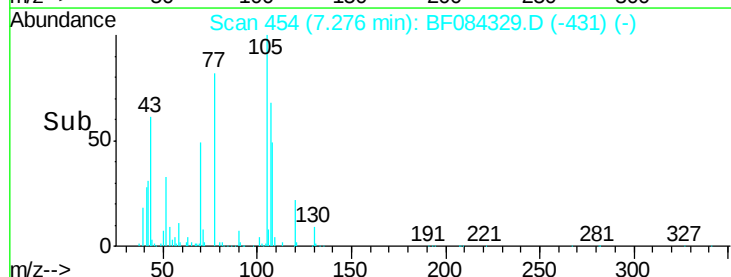
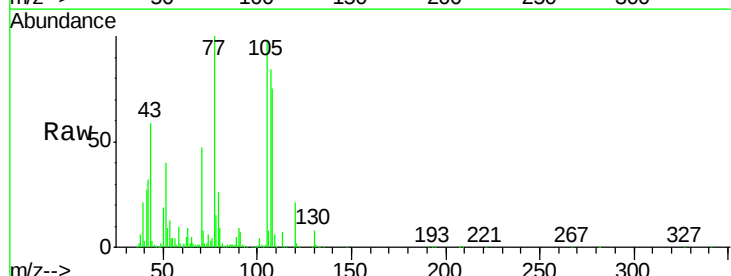
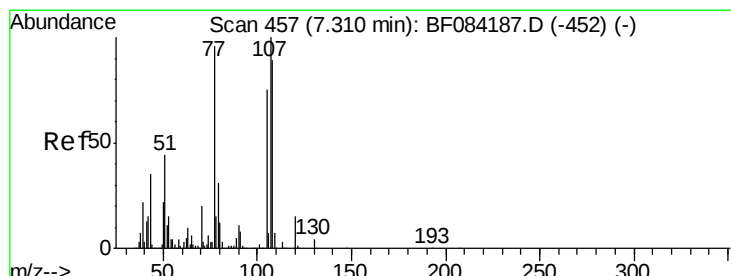
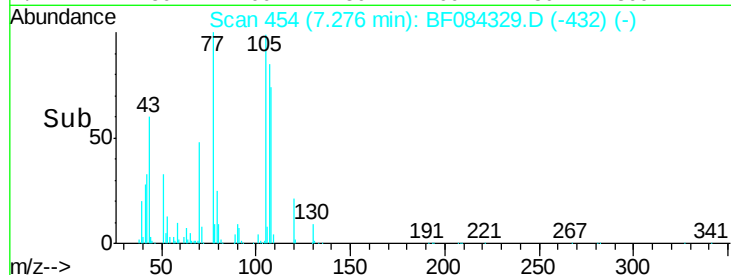
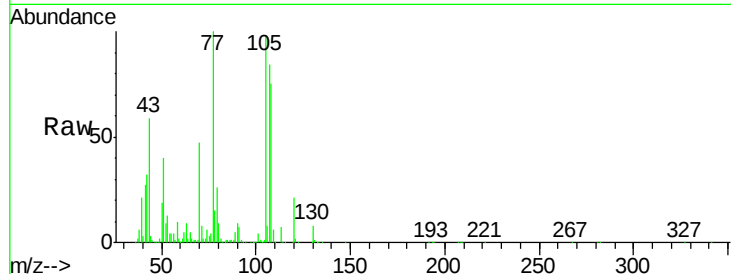
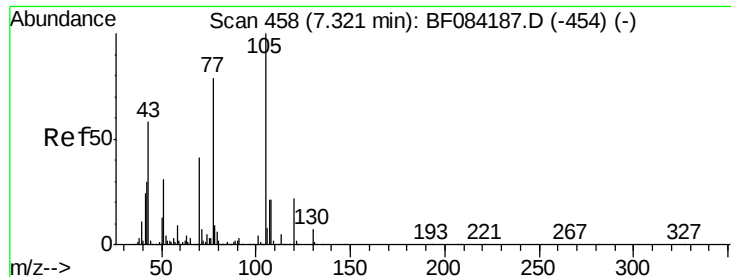
Delta R.T. -0.06 min

Lab File: BF084329.D

Acq: 8 Jan 2016 15:50

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	293476		
119	95.8	77.4	116.0	
201	73.0	68.6	103.0	





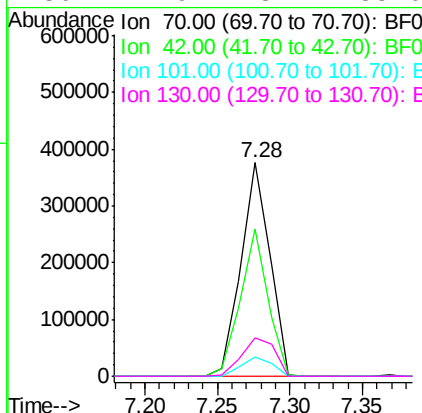
#19
n-Nitroso-di-n-propylamine
Concen: 38.75 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.05 min
Lab File: BF084329.D
Acq: 8 Jan 2016 15:50

Instrument :
BNA_F
ClientSampleId :
PB87668BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	68.8	33.3	49.9#
101	9.0	9.3	13.9#
130	17.9	23.4	35.0#

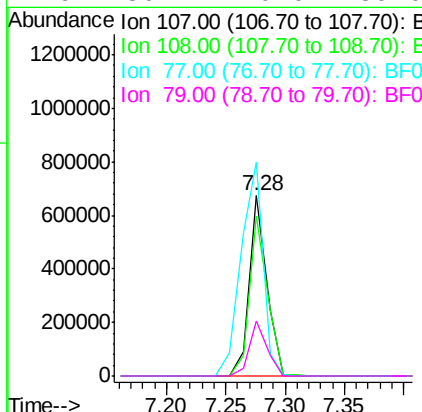
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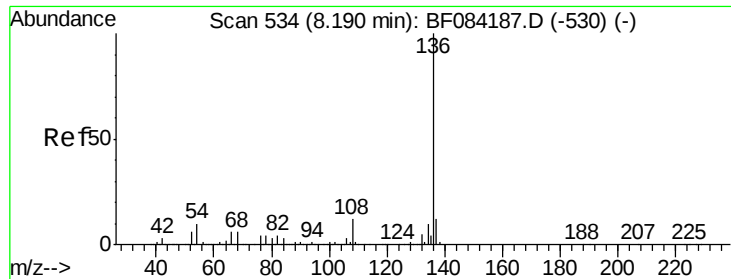
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#20
3+4-Methylphenols
Concen: 39.80 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.03 min
Lab File: BF084329.D
Acq: 8 Jan 2016 15:50

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.8	74.6	114.6
77	118.6	0.7	40.7#
79	30.7	0.0	39.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 530

Delta R.T. -0.05 min

Lab File: BF084329.D

Acq: 8 Jan 2016 15:50

Instrument :

BNA_F

ClientSampleId :

PB87668BS

Tot Ion:136 Resp: 1085572

Ion Ratio Lower Upper

136 100

137 11.6 8.7 13.1

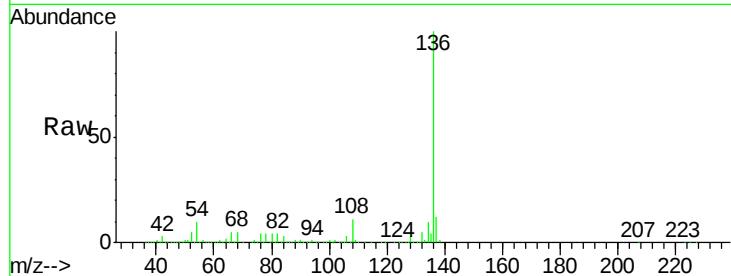
54 9.6 5.8 8.8#

68 5.4 4.2 6.2

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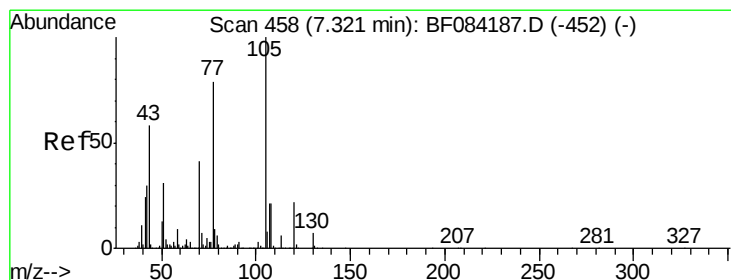
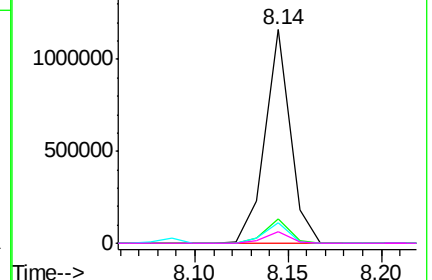
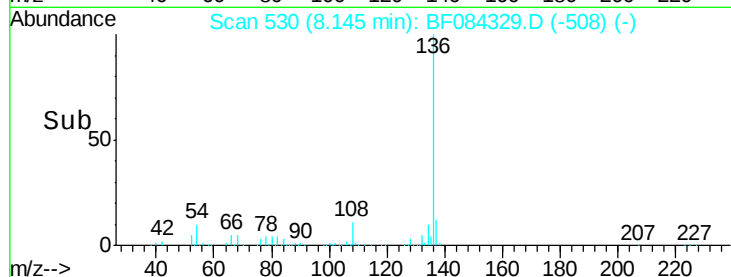


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 40.21 ng

RT: 7.28 min Scan# 454

Delta R.T. -0.05 min

Lab File: BF084329.D

Acq: 8 Jan 2016 15:50

Tgt Ion:105 Resp: 1049646

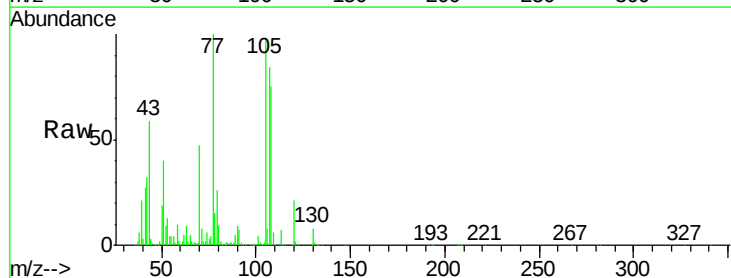
Ion Ratio Lower Upper

105 100

71 8.3 3.7 5.5#

51 41.1 25.1 37.7#

120 21.6 16.6 25.0

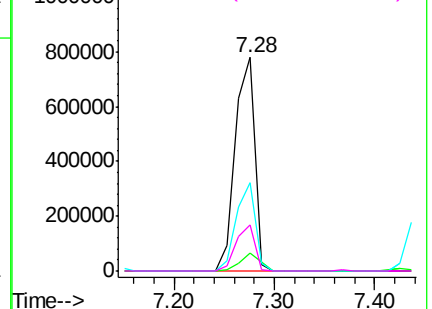
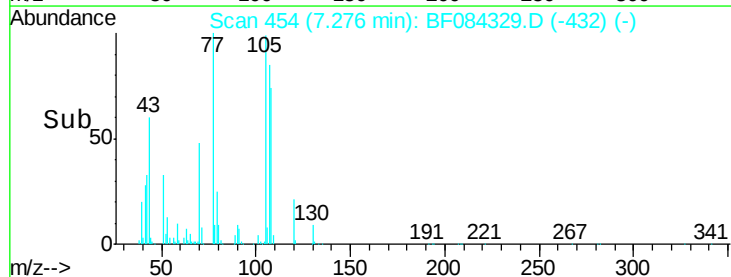


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





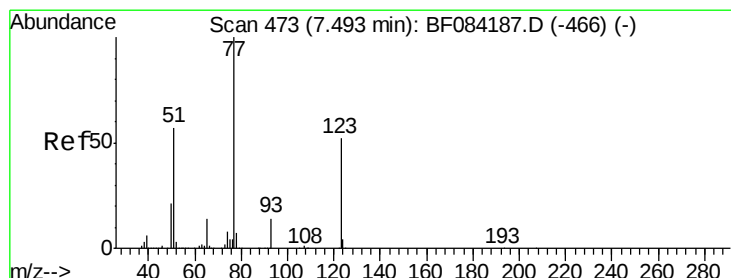
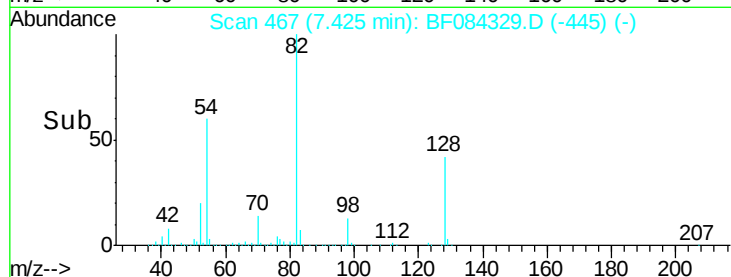
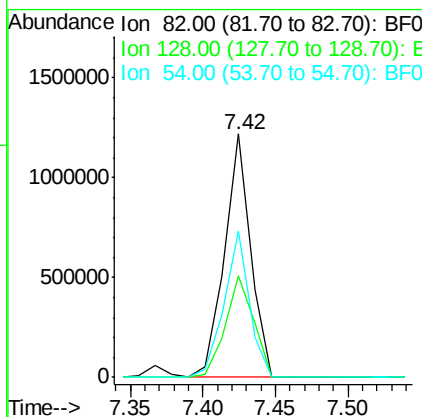
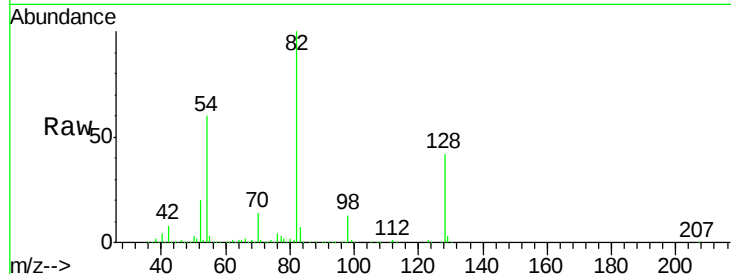
#23
 Nitrobenzene-d5
 Concen: 77.95 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.05 min
 Lab File: BF084329.D
 Acq: 8 Jan 2016 15:50

Instrument :
 BNA_F
 ClientSampleId :
 PB87668BS

Tot Ion	82	Resp	1520398
Ion Ratio	100	Lower	Upper
128	41.9	34.6	51.8
54	60.0	38.4	57.6

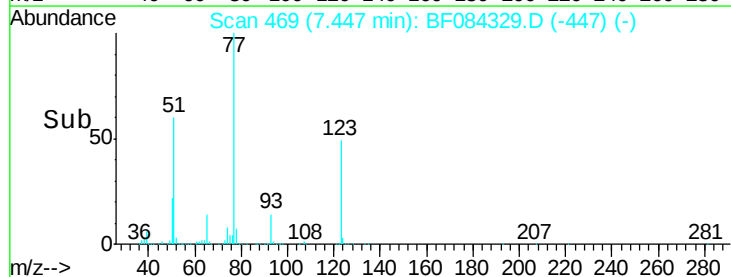
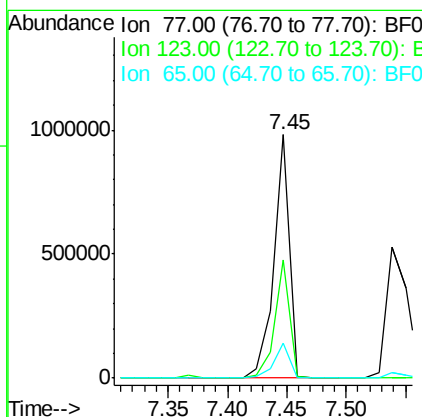
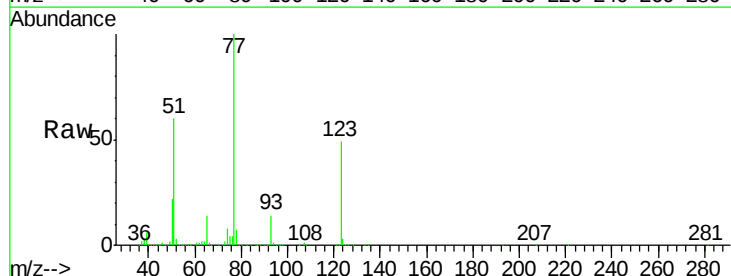
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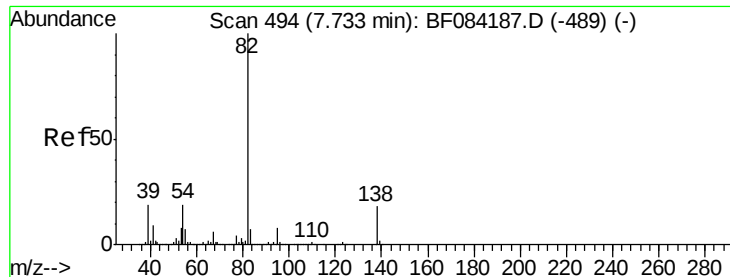
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#24
 Nitrobenzene
 Concen: 45.06 ng
 RT: 7.45 min Scan# 469
 Delta R.T. -0.05 min
 Lab File: BF084329.D
 Acq: 8 Jan 2016 15:50

Tgt Ion	77	Resp	891461
Ion Ratio	100	Lower	Upper
123	48.5	37.4	56.2
65	14.5	10.9	16.3





#25

Isophorone

Concen: 40.39 ng

RT: 7.69 min Scan# 490

Delta R.T. -0.05 min

Lab File: BF084329.D

Acq: 8 Jan 2016 15:50

Instrument :

BNA_F

ClientSampleId :

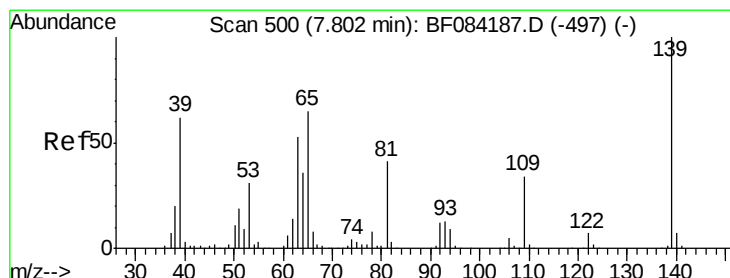
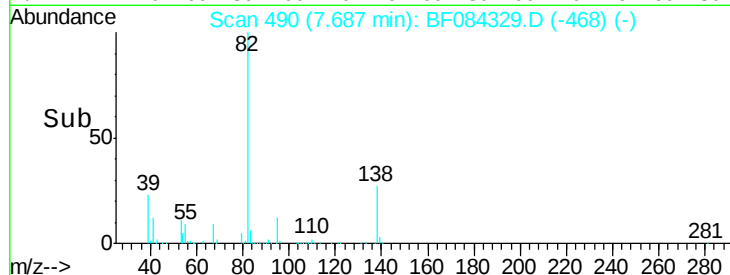
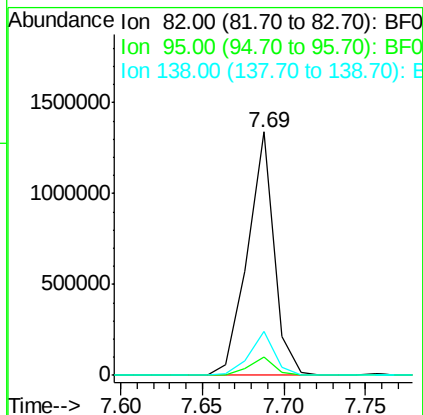
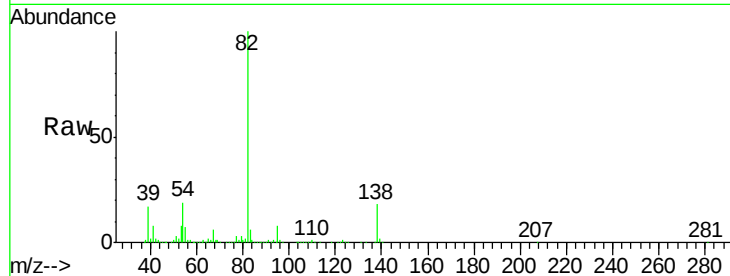
PB87668BS

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Tot Ion:	82	Resp:	1506578
Ion	Ratio	Lower	Upper
82	100		
95	7.8	6.6	10.0
138	18.1	13.6	20.4



#26

2-Nitrophenol

Concen: 44.91 ng

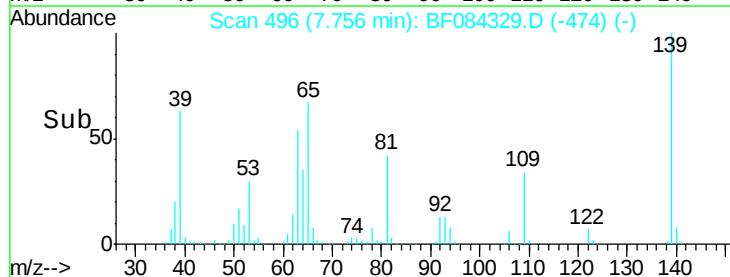
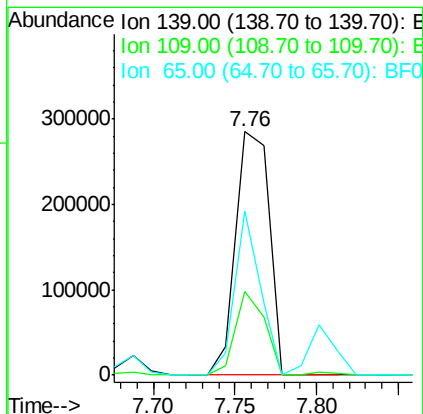
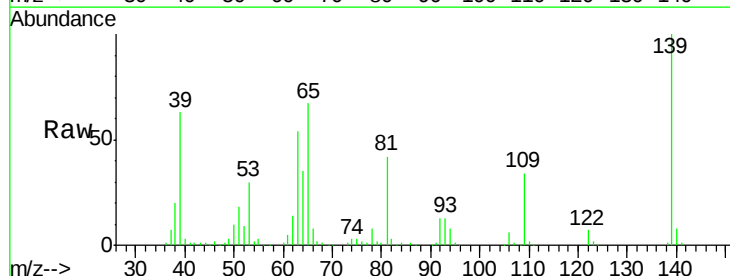
RT: 7.76 min Scan# 496

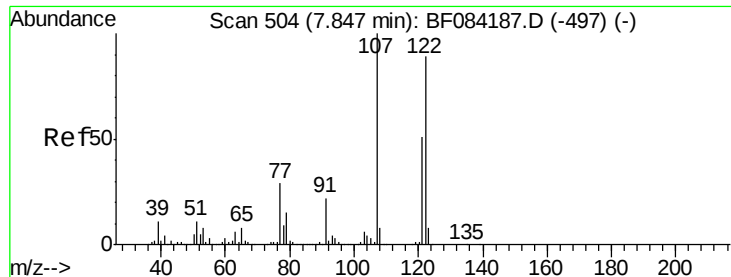
Delta R.T. -0.05 min

Lab File: BF084329.D

Acq: 8 Jan 2016 15:50

Tgt Ion:	139	Resp:	404383
Ion	Ratio	Lower	Upper
139	100		
109	34.3	25.4	38.2
65	67.3	32.3	48.5#





#27

2,4-Dimethylphenol

Concen: 39.05 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.05 min

Lab File: BF084329.D

Acq: 8 Jan 2016 15:50

Instrument :

BNA_F

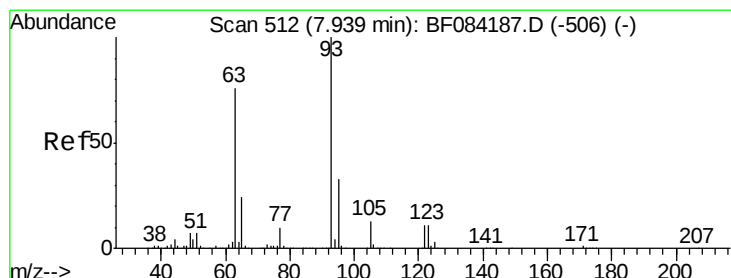
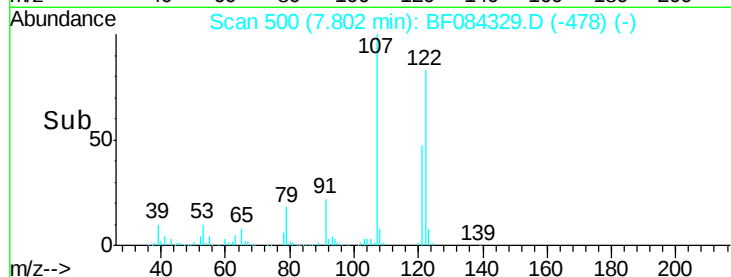
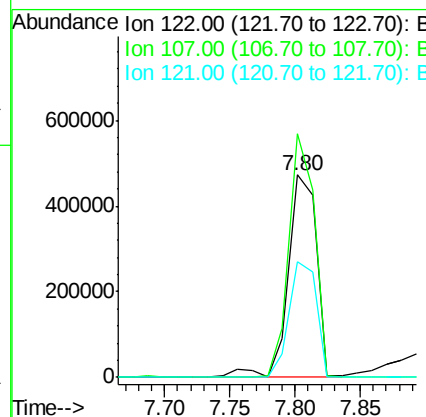
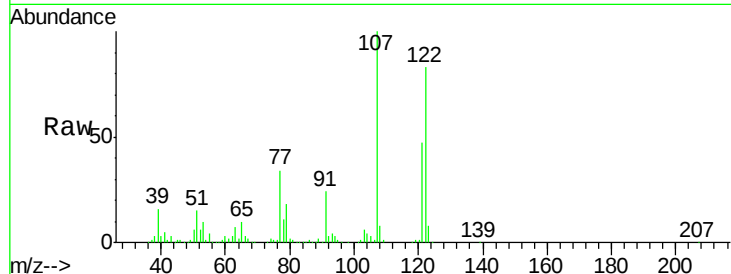
ClientSampleId :

PB87668BS

Tot Ion:	122	Resp:	711694
Ion Ratio	Lower	Upper	
122	100		
107	120.4	99.1	148.7
121	57.0	47.9	71.9

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#28

bis(2-Chloroethoxy)methane

Concen: 41.00 ng

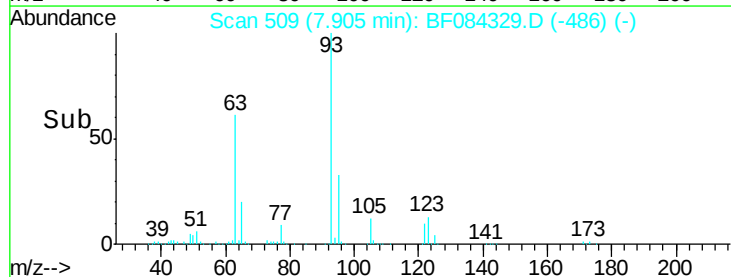
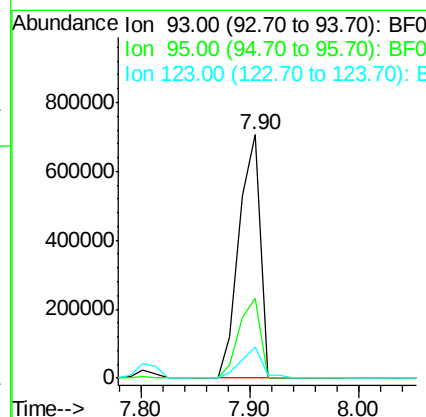
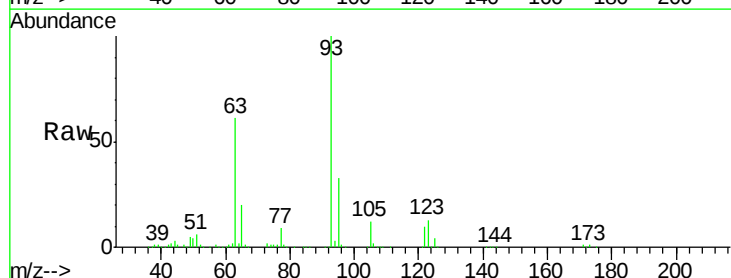
RT: 7.90 min Scan# 509

Delta R.T. -0.03 min

Lab File: BF084329.D

Acq: 8 Jan 2016 15:50

Tgt Ion:	93	Resp:	934133
Ion Ratio	Lower	Upper	
93	100		
95	32.9	25.8	38.6
123	12.9	8.6	12.8#





#29

2,4-Dichlorophenol

Concen: 42.16 ng

RT: 8.01 min Scan# 518

Delta R.T. -0.03 min

Lab File: BF084329.D

Acq: 8 Jan 2016 15:50

Instrument :

BNA_F

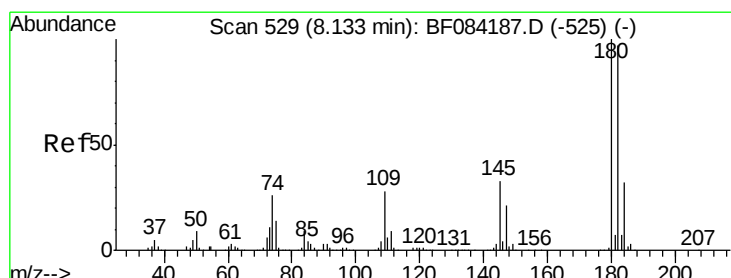
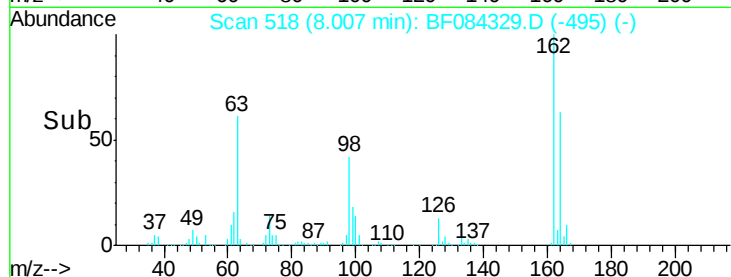
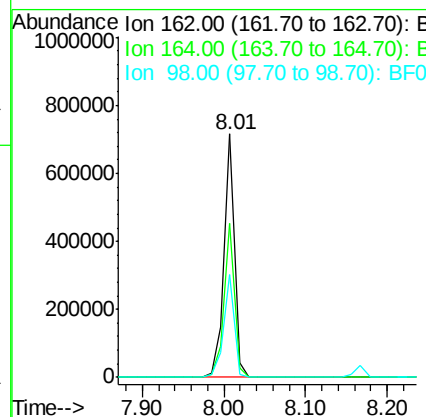
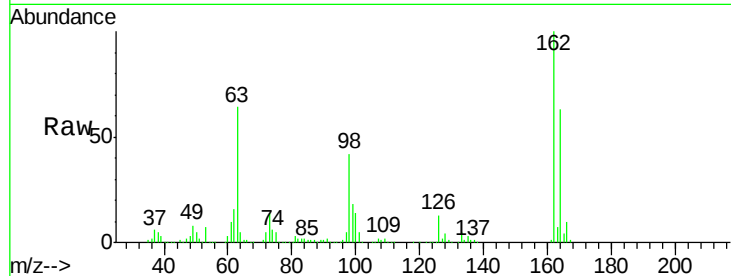
ClientSampleId :

PB87668BS

Tot Ion:	162	Resp:	640089
Ion Ratio	Lower	Upper	
162	100		
164	63.3	44.1	84.1
98	42.1	20.2	60.2

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#30

1,2,4-Trichlorobenzene

Concen: 42.32 ng

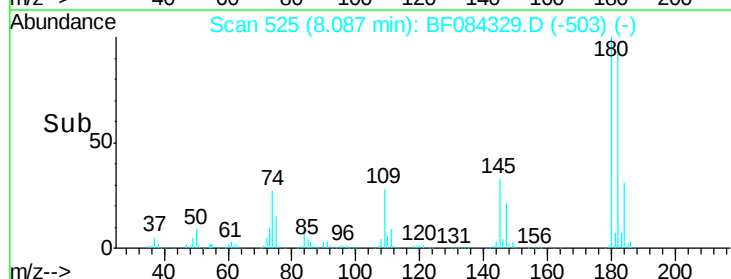
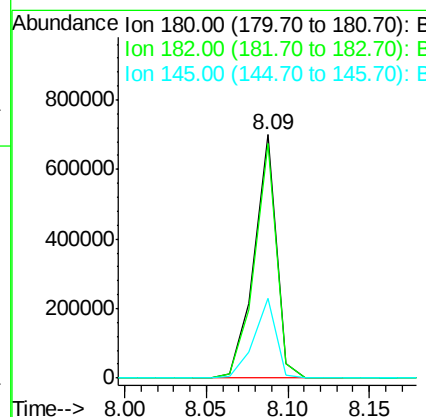
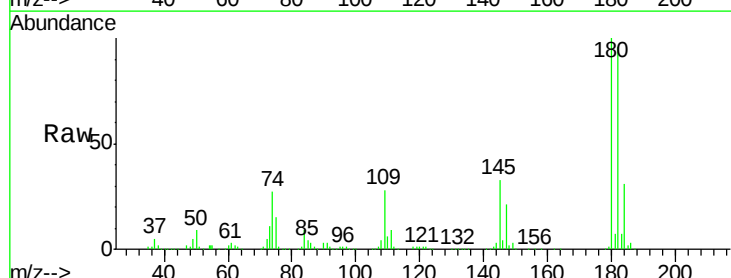
RT: 8.09 min Scan# 525

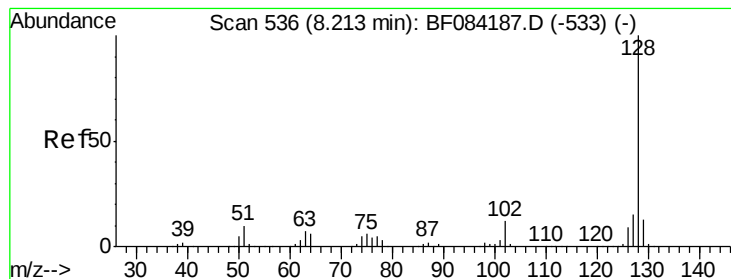
Delta R.T. -0.05 min

Lab File: BF084329.D

Acq: 8 Jan 2016 15:50

Tgt Ion:	180	Resp:	663190
Ion Ratio	Lower	Upper	
180	100		
182	96.2	76.4	114.6
145	32.6	31.6	47.4





#31

Naphthalene

Concen: 41.36 ng

RT: 8.17 min Scan# 532

Delta R.T. -0.05 min

Lab File: BF084329.D

Acq: 8 Jan 2016 15:50

Instrument :

BNA_F

ClientSampleId :

PB87668BS

Tot Ion:128 Resp: 2036940

Ion Ratio Lower Upper

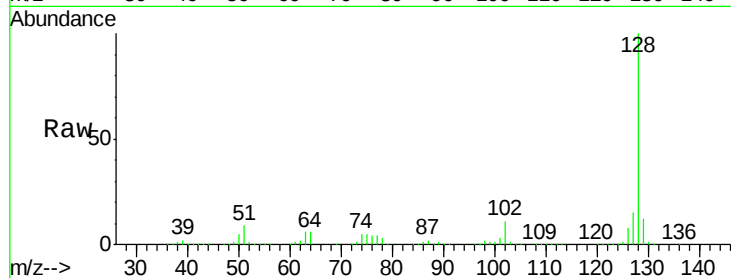
128 100

129 12.3 9.1 13.7

127 14.5 11.1 16.7

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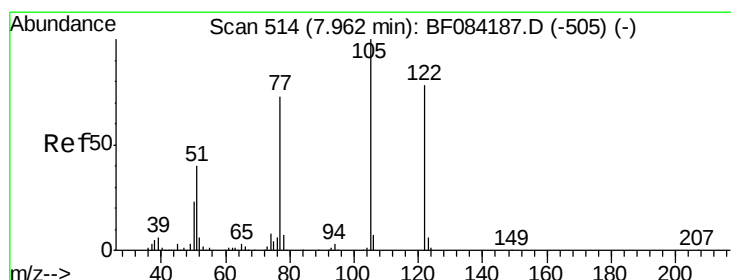
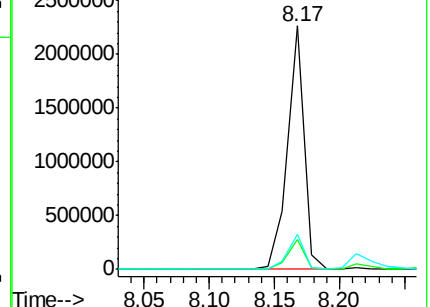
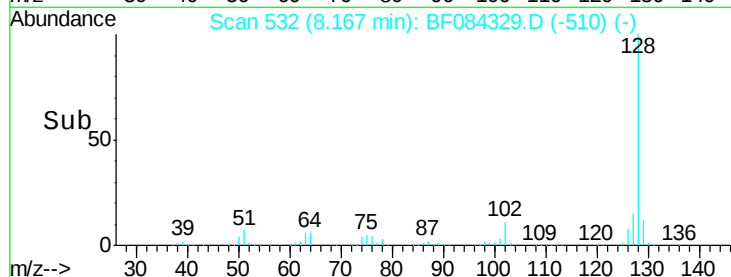
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 30.00 ng

RT: 7.93 min Scan# 511

Delta R.T. -0.03 min

Lab File: BF084329.D

Acq: 8 Jan 2016 15:50

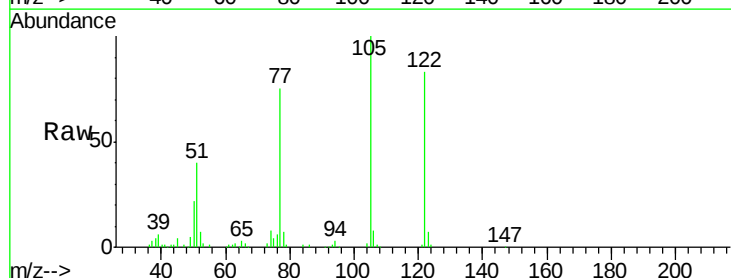
Tgt Ion:122 Resp: 320180

Ion Ratio Lower Upper

122 100

105 119.9 100.3 140.3

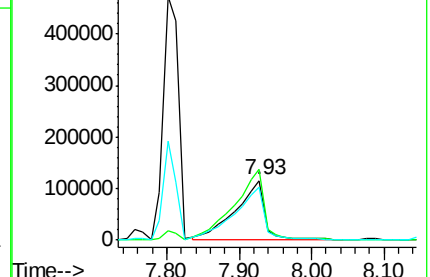
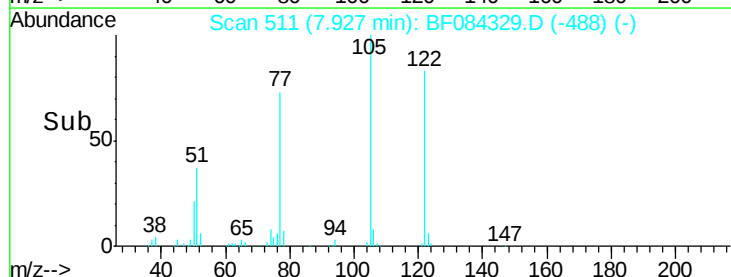
77 90.1 63.5 103.5



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





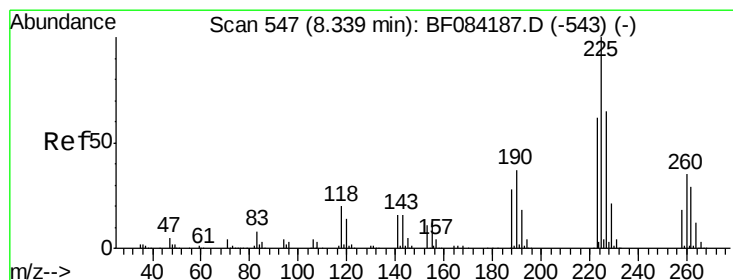
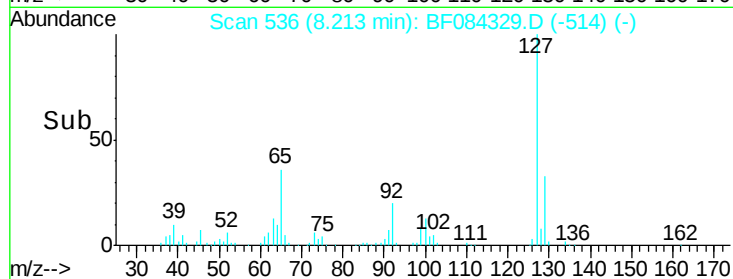
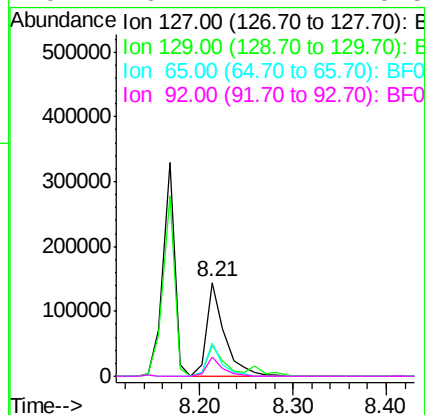
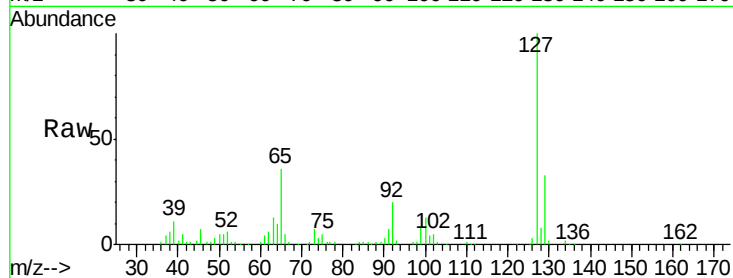
#33
 4-Chloroaniline
 Concen: 8.60 ng
 RT: 8.21 min Scan# 536
 Delta R.T. -0.05 min
 Lab File: BF084329.D
 Acq: 8 Jan 2016 15:50

Instrument :
 BNA_F
 ClientSampled :
 PB87668BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		194103		
129	32.8	26.5	39.7		
65	35.6	27.2	40.8		
92	20.2	17.7	26.5		

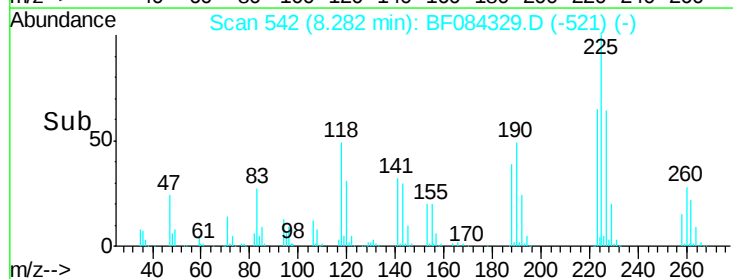
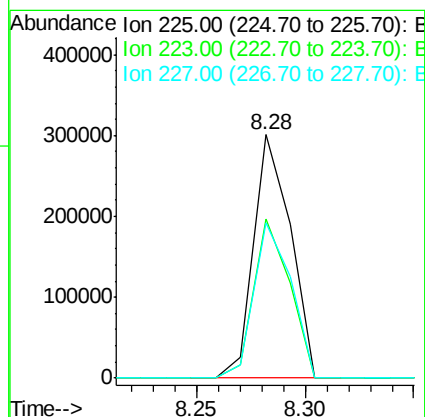
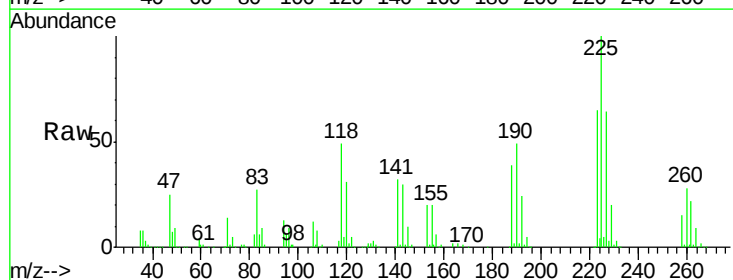
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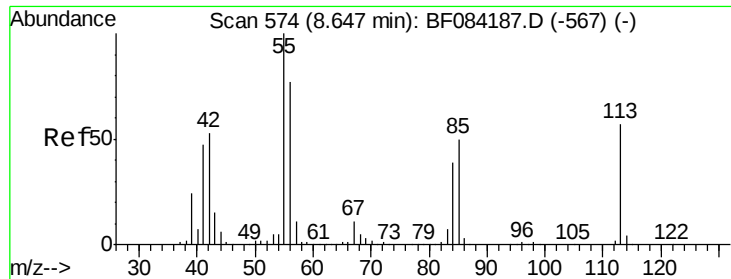
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#34
 Hexachlorobutadiene
 Concen: 39.47 ng
 RT: 8.28 min Scan# 542
 Delta R.T. -0.06 min
 Lab File: BF084329.D
 Acq: 8 Jan 2016 15:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		355624		
223	65.2	49.4	74.0		
227	63.8	50.8	76.2		





#35

Caprolactam

Concen: 39.61 ng/ml

RT: 8.59 min Scan# 569

Delta R.T. -0.06 min

Lab File: BF084329.D

Acq: 8 Jan 2016 15:50

Instrument :

BNA_F

ClientSampled :

PB87668BS

Tot Ion:113 Resp: 202718

Ion Ratio Lower Upper

113 100

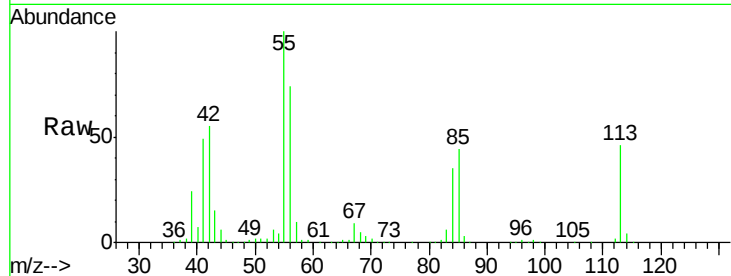
55 217.7 116.9 156.9#

56 160.7 93.8 133.8#

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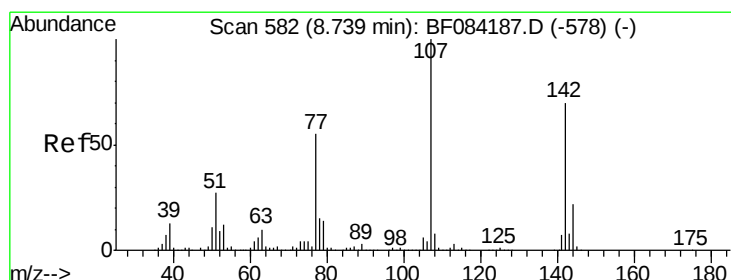
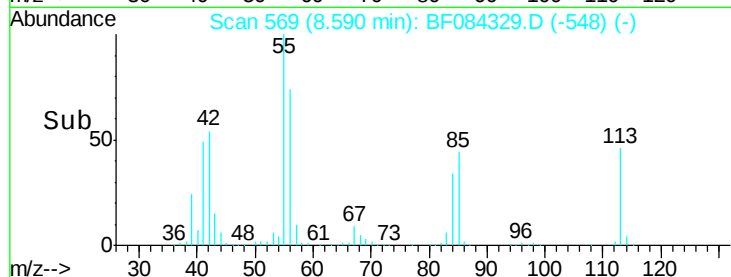
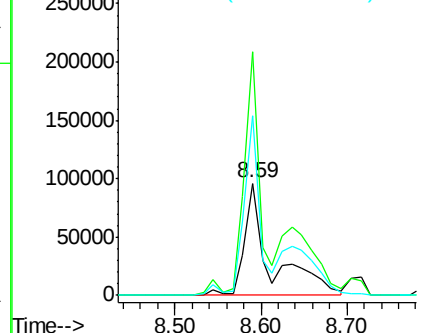
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 44.19 ng/ml

RT: 8.72 min Scan# 580

Delta R.T. -0.02 min

Lab File: BF084329.D

Acq: 8 Jan 2016 15:50

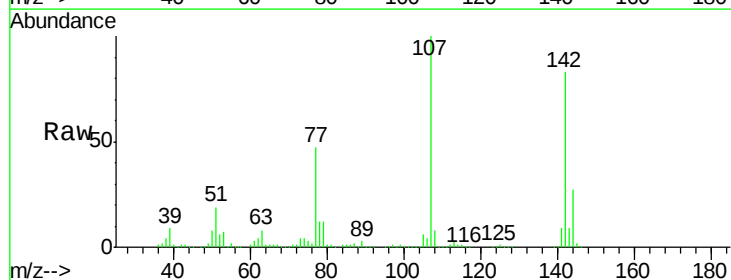
Tgt Ion:107 Resp: 751394

Ion Ratio Lower Upper

107 100

144 26.7 19.7 29.5

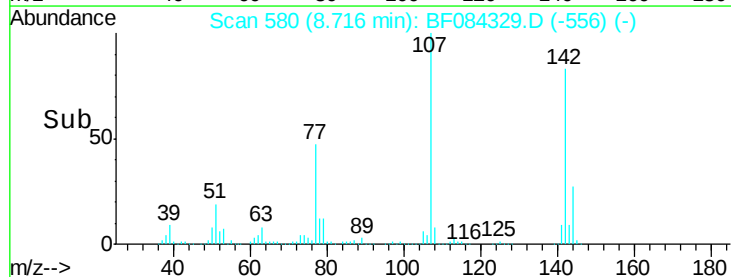
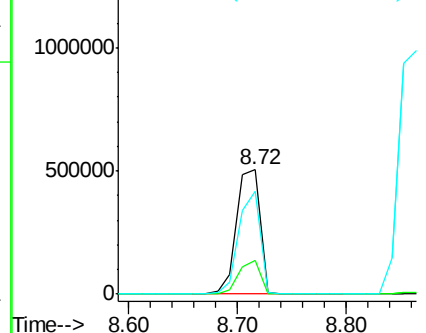
142 82.5 61.8 92.6

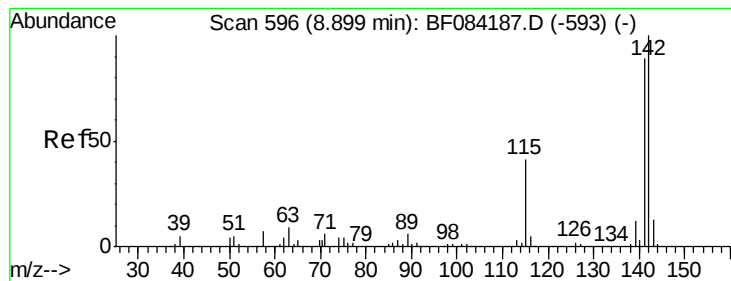


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 40.42 ng

RT: 8.86 min Scan# 593

Delta R.T. -0.03 min

Lab File: BF084329.D

Acq: 8 Jan 2016 15:50

Instrument :

BNA_F

ClientSampleId :

PB87668BS

Tot Ion:142 Resp: 1429182

Ion Ratio Lower Upper

142 100

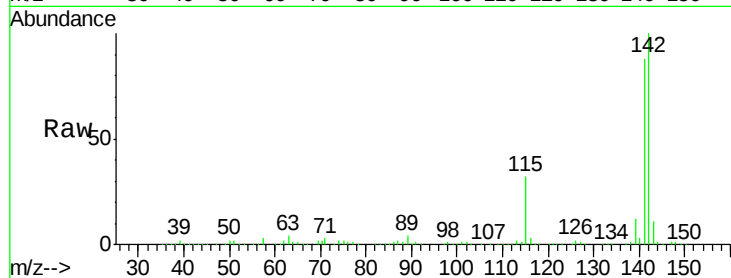
141 87.7 72.4 108.6

115 32.3 27.9 41.9

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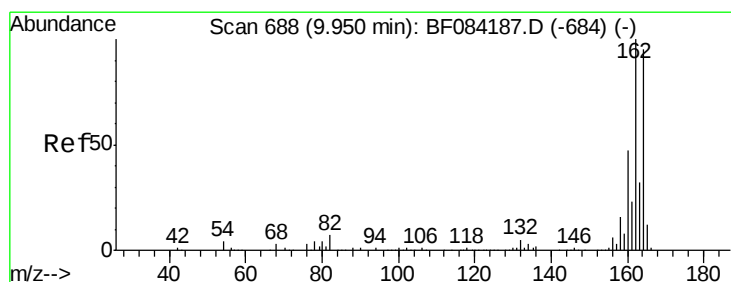
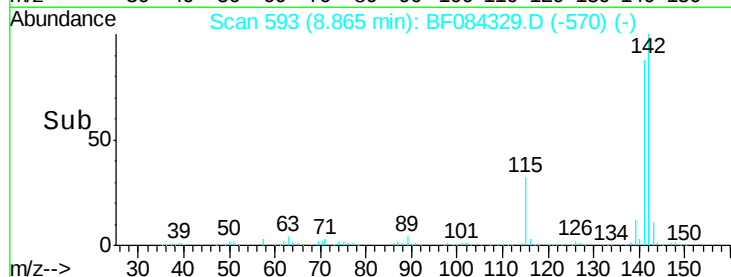
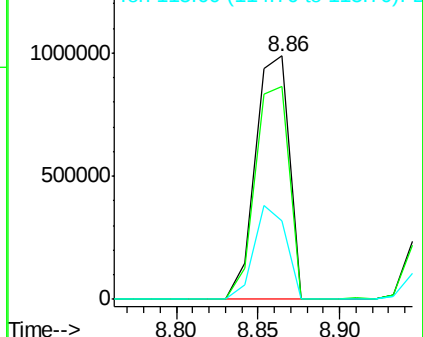
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Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.90 min Scan# 684

Delta R.T. -0.05 min

Lab File: BF084329.D

Acq: 8 Jan 2016 15:50

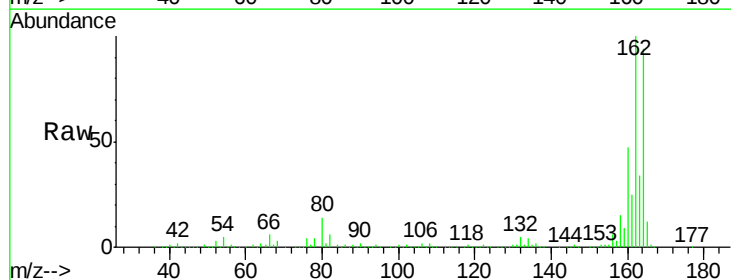
Tgt Ion:164 Resp: 510462

Ion Ratio Lower Upper

164 100

162 106.7 85.1 127.7

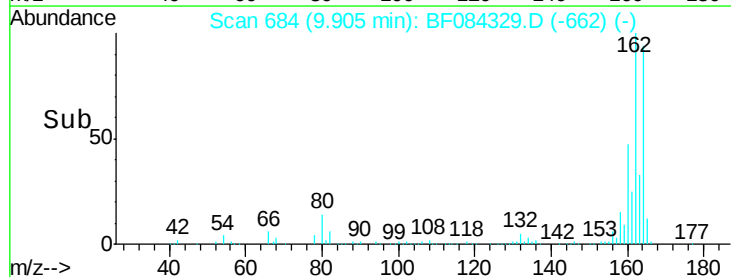
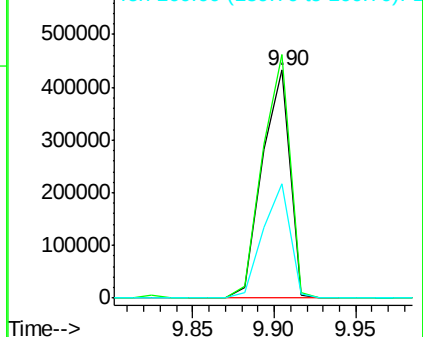
160 50.0 37.5 56.3

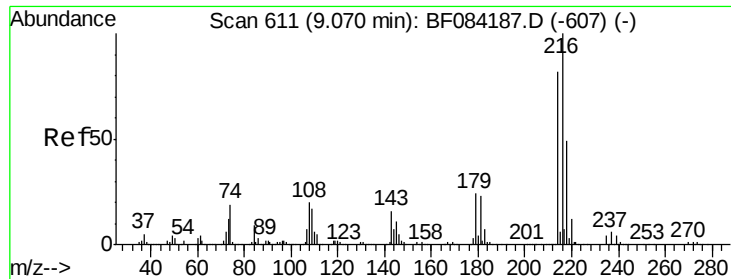


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





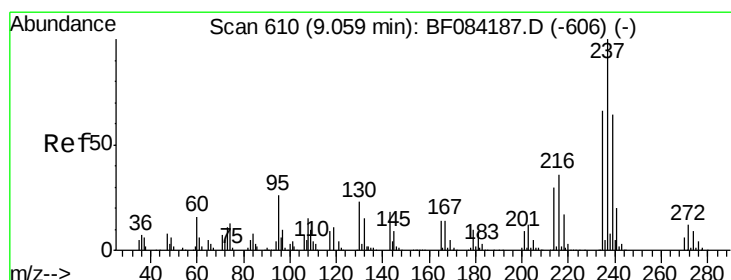
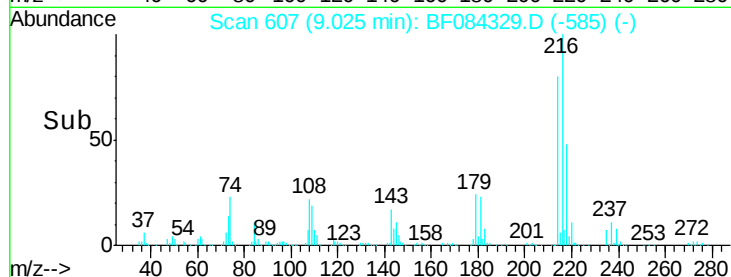
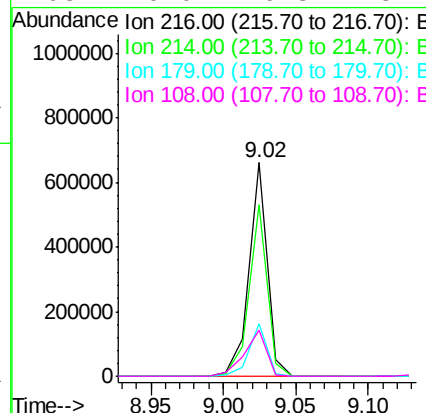
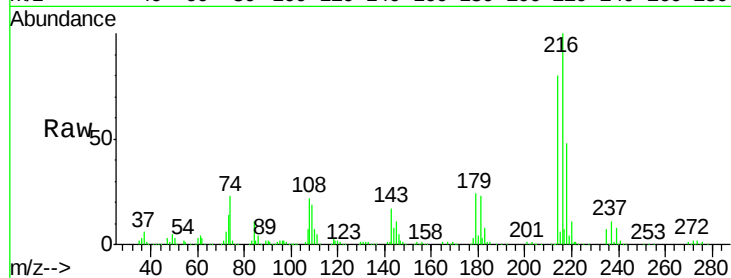
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.17 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.05 min
 Lab File: BF084329.D
 Acq: 8 Jan 2016 15:50

Instrument :
 BNA_F
 ClientSampleId :
 PB87668BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		574892		
214	79.8		64.2	96.2	
179	24.0		18.7	28.1	
108	26.0		16.8	25.2	

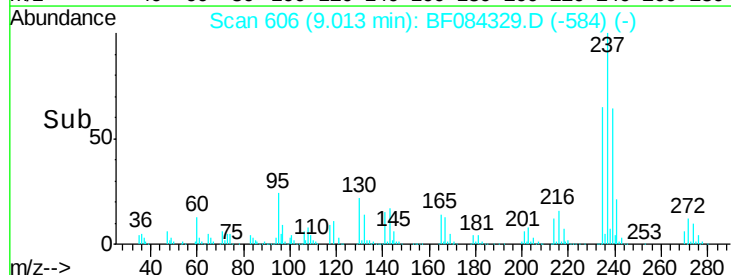
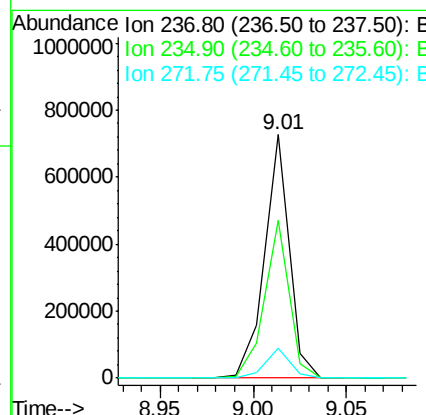
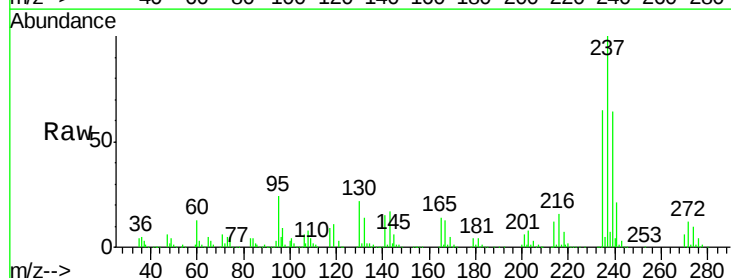
Manual Integrations
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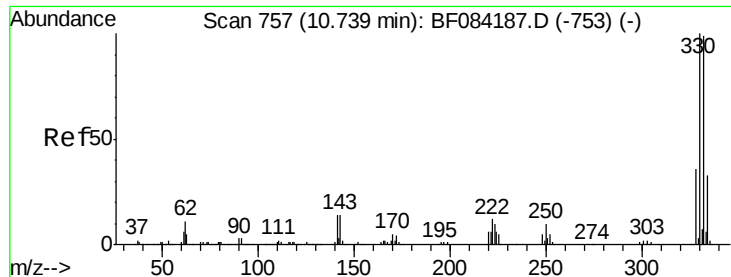
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#40
 Hexachlorocyclopentadiene
 Concen: 75.02 ng
 RT: 9.01 min Scan# 606
 Delta R.T. -0.05 min
 Lab File: BF084329.D
 Acq: 8 Jan 2016 15:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		664551		
235	65.0		43.1	83.1	
272	12.5		0.0	35.1	





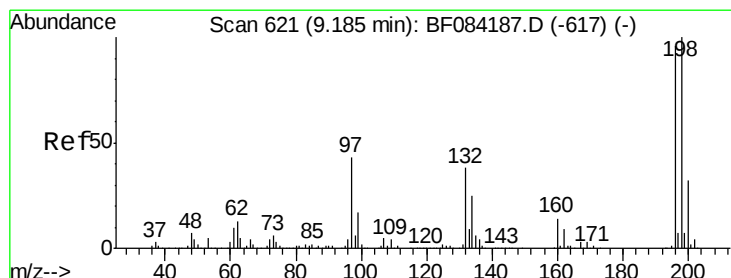
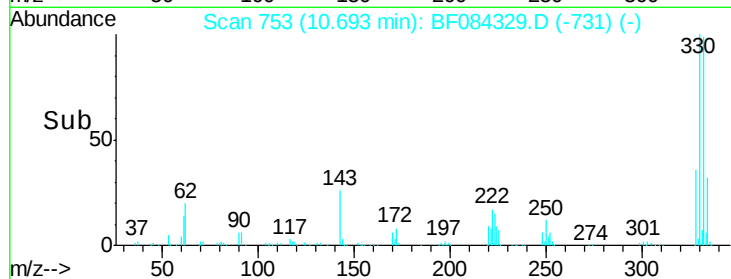
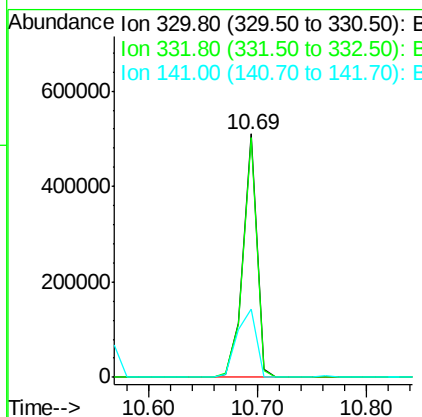
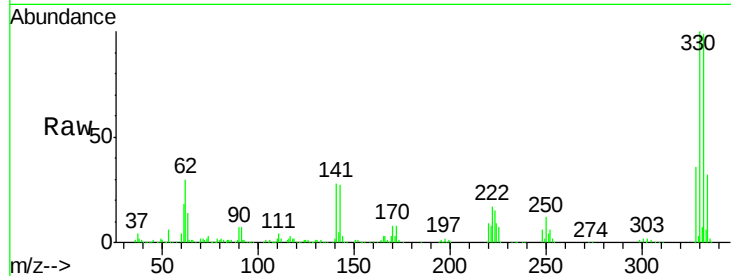
#41
 2,4,6-Tribromophenol
 Concen: 86.96 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.05 min
 Lab File: BF084329.D
 Acq: 8 Jan 2016 15:50

Instrument :
 BNA_F
 ClientSampleId :
 PB87668BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	448174		
332	98.3	76.6	114.8	
141	38.6	27.8	41.6	

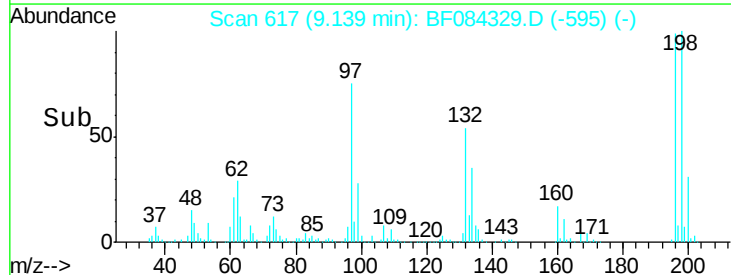
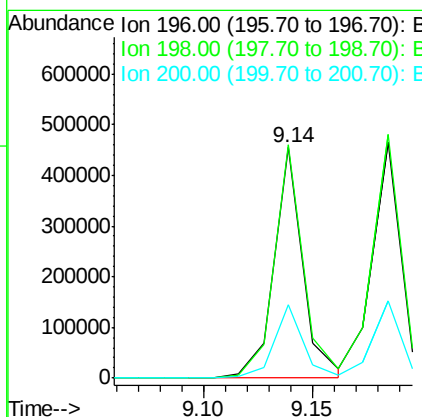
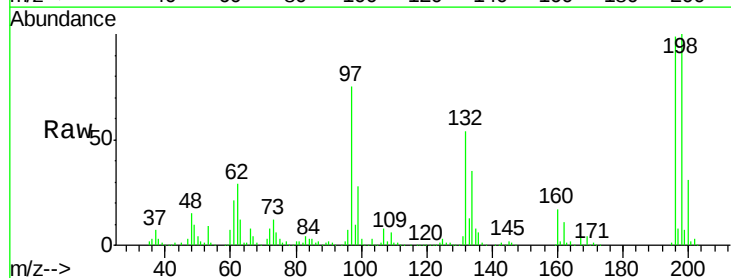
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#42
 2,4,6-Trichlorophenol
 Concen: 38.58 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.05 min
 Lab File: BF084329.D
 Acq: 8 Jan 2016 15:50

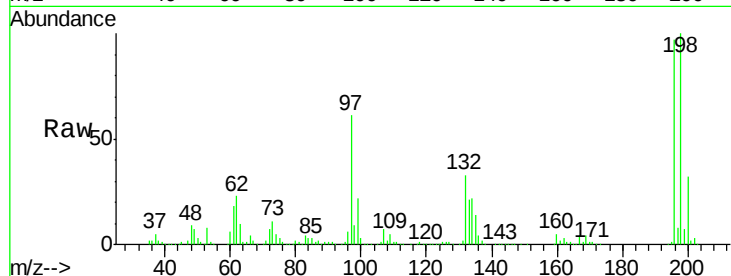
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	423530		
198	101.5	77.7	116.5	
200	31.7	24.6	37.0	





#43
 2,4,5-Trichlorophenol
 Concen: 40.63 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.03 min
 Lab File: BF084329.D
 Acq: 8 Jan 2016 15:50

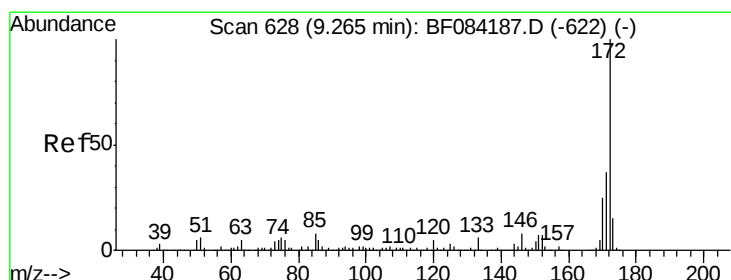
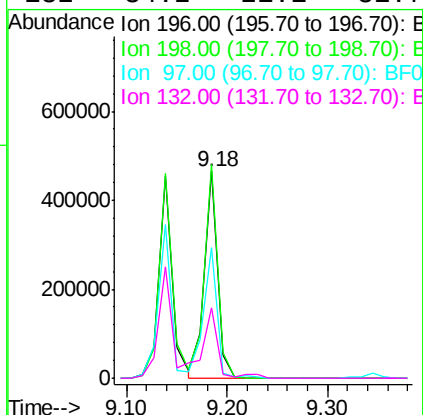
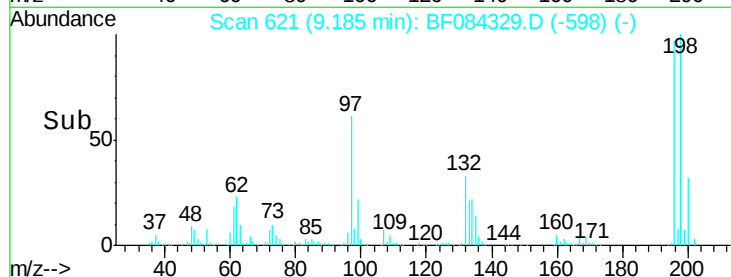
Instrument :
 BNA_F
 ClientSampleId :
 PB87668BS



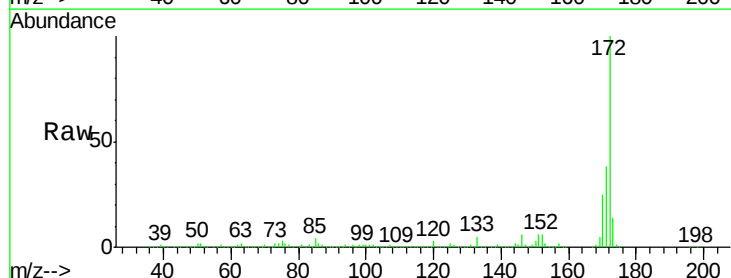
Tot Ion	Ratio	Resp	Lower	Upper
196	100	427684		
198	103.1	79.0	118.6	
97	62.8	33.0	49.6	
132	34.2	21.1	31.7	

Manual Integrations
 APPROVED

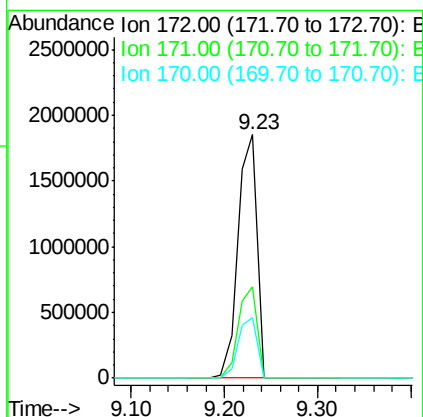
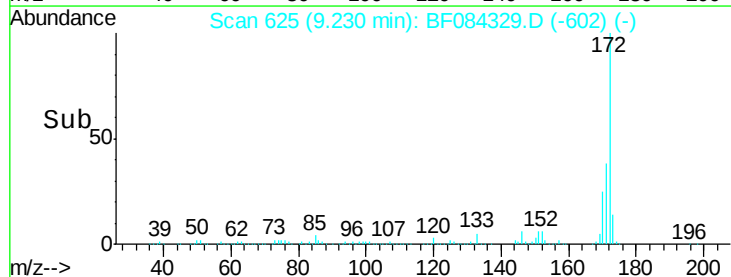
Sohil
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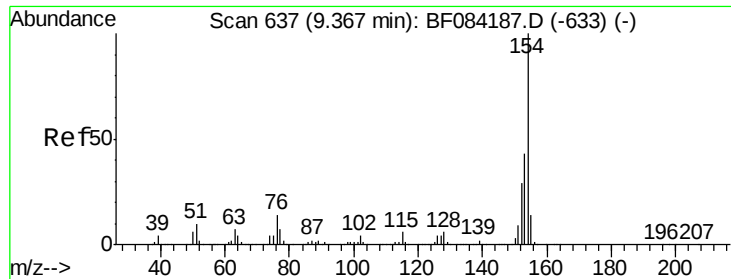


#44
 2-Fluorobiphenyl
 Concen: 90.26 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.03 min
 Lab File: BF084329.D
 Acq: 8 Jan 2016 15:50



Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2607662		
171	37.6	28.9	43.3	
170	25.0	18.6	27.8	





#45

1,1'-Biphenyl

Concen: 37.24 ng

RT: 9.32 min Scan# 633

Delta R.T. -0.05 min

Lab File: BF084329.D

Acq: 8 Jan 2016 15:50

Instrument :

BNA_F

ClientSampleId :

PB87668BS

Tot Ion:154 Resp: 1510879

Ion Ratio Lower Upper

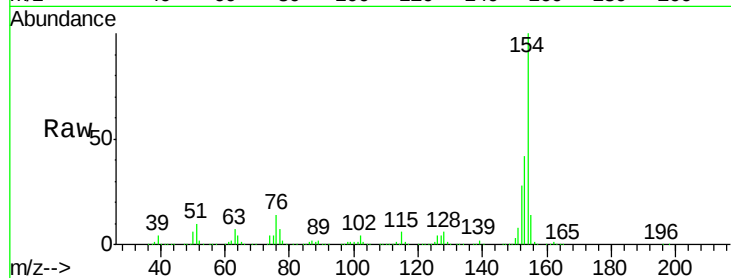
154 100

153 42.0 21.6 61.6

76 13.7 0.0 32.7

Manual Integrations
APPROVED

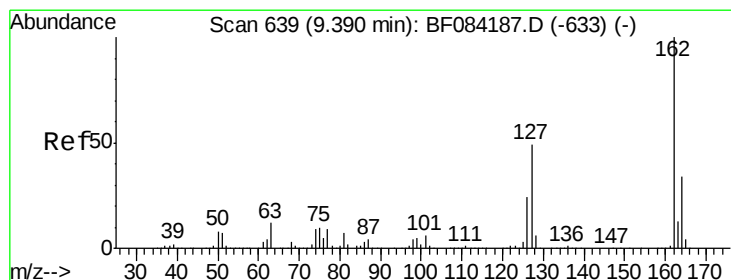
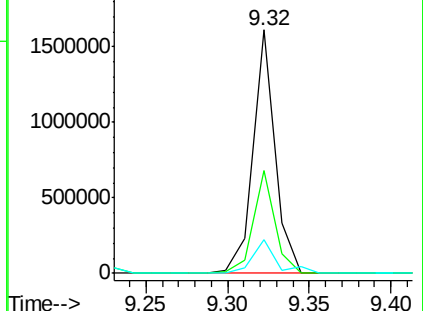
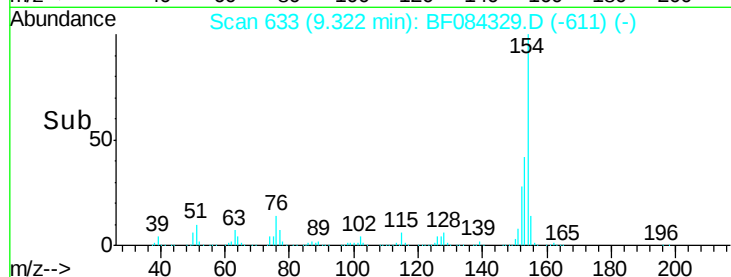
Sohil
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 37.33 ng

RT: 9.34 min Scan# 635

Delta R.T. -0.05 min

Lab File: BF084329.D

Acq: 8 Jan 2016 15:50

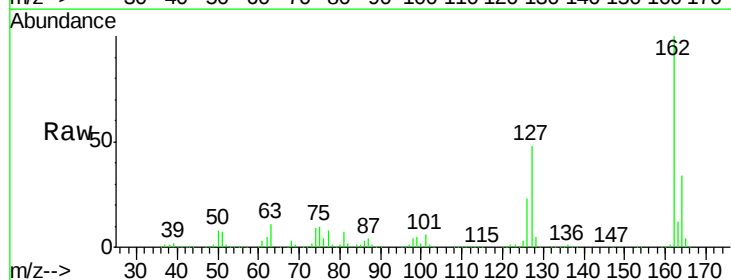
Tgt Ion:162 Resp: 1189633

Ion Ratio Lower Upper

162 100

127 47.8 40.2 60.4

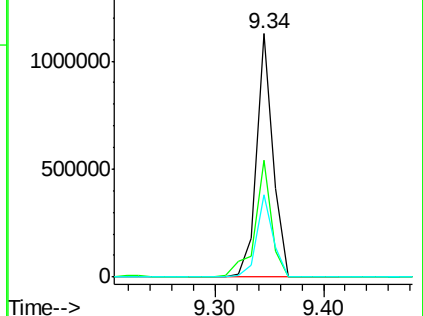
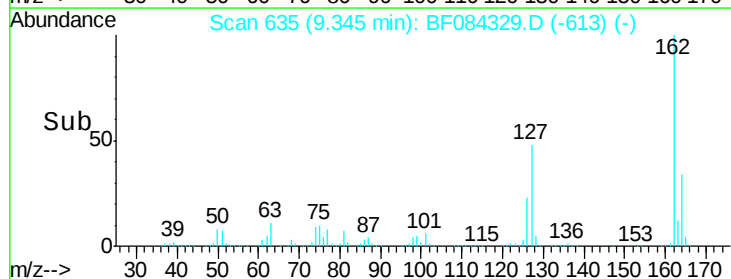
164 33.9 25.7 38.5

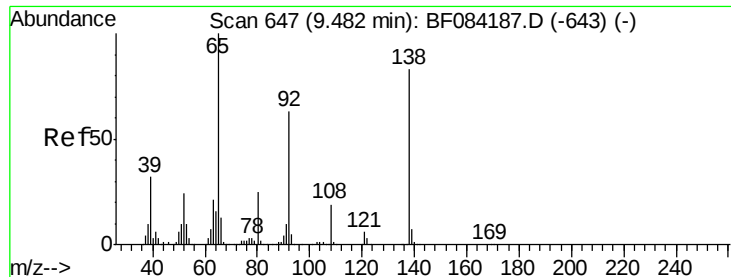


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





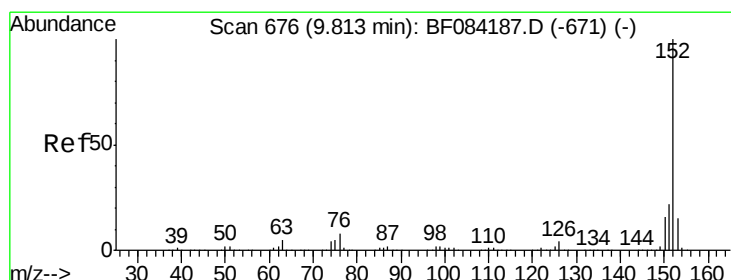
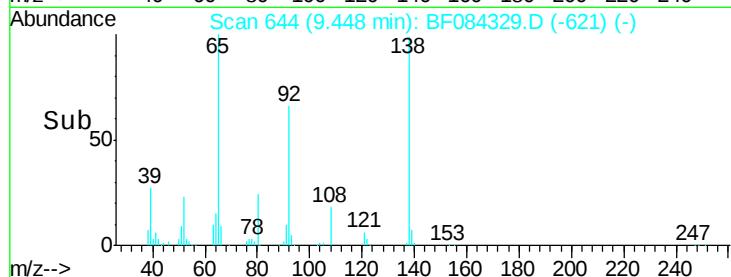
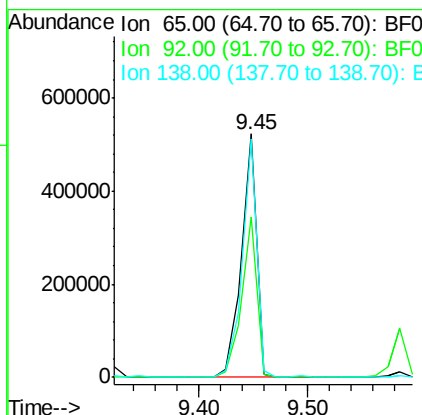
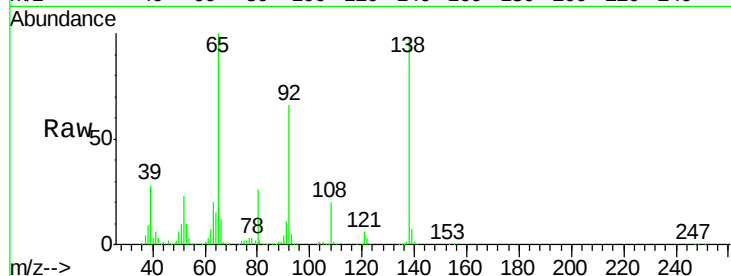
#47
2-Nitroaniline
Concen: 47.55 ng
RT: 9.45 min Scan# 644
Delta R.T. -0.03 min
Lab File: BF084329.D
Acq: 8 Jan 2016 15:50

Instrument :
BNA_F
ClientSampleId :
PB87668BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	66.0	53.4	80.2
138	98.1	71.1	106.7

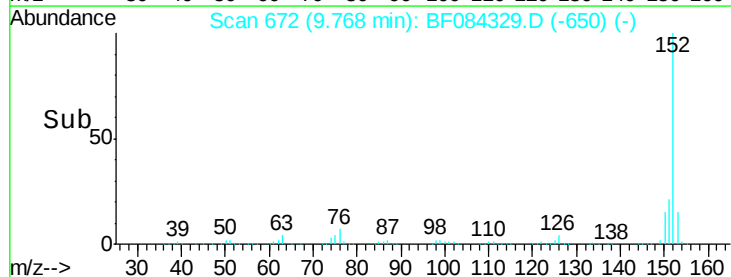
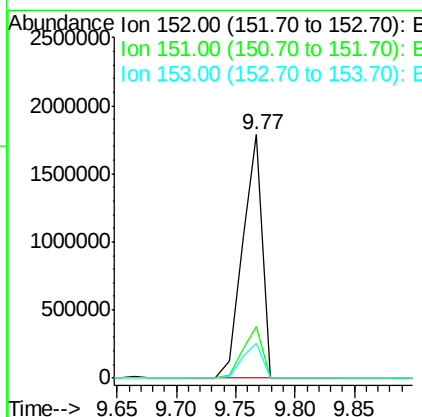
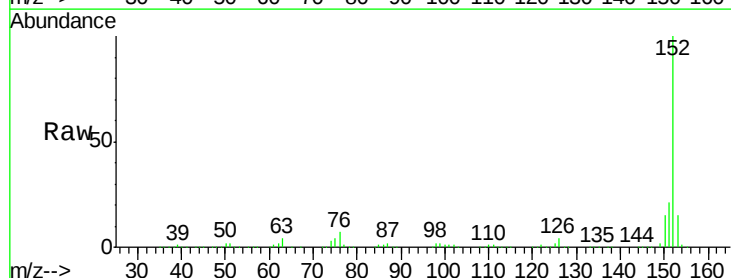
Manual Integrations
APPROVED

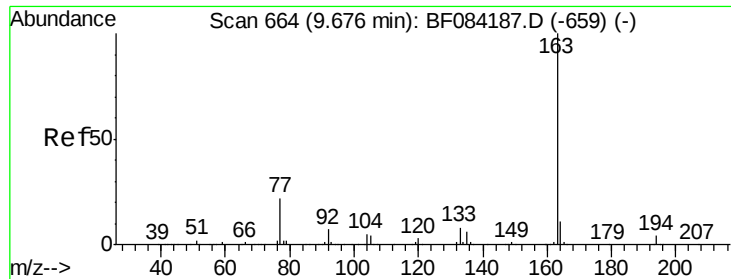
Sohil
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#48
Acenaphthylene
Concen: 43.33 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.05 min
Lab File: BF084329.D
Acq: 8 Jan 2016 15:50

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.3	24.5
153	14.6	10.4	15.6





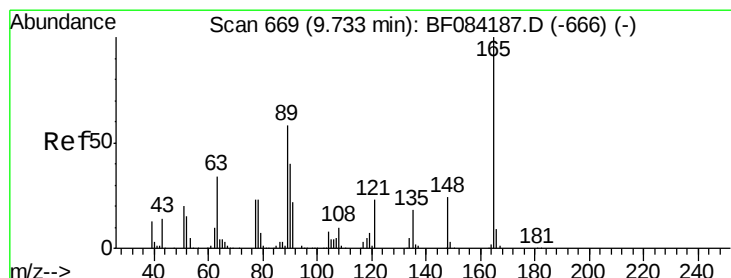
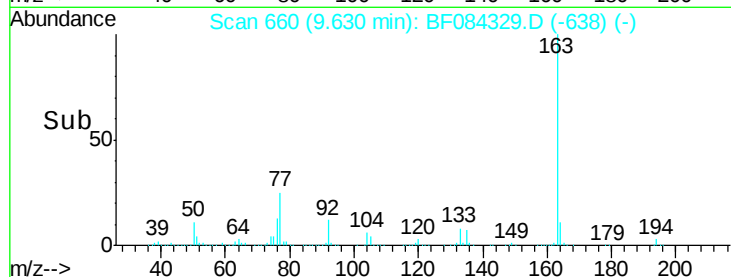
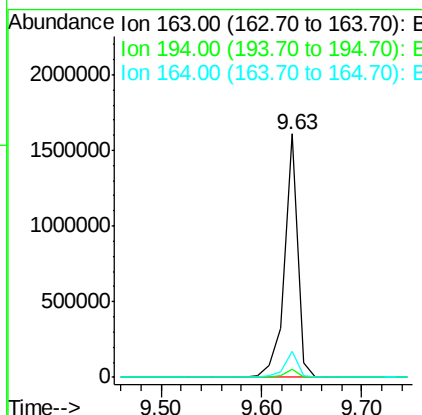
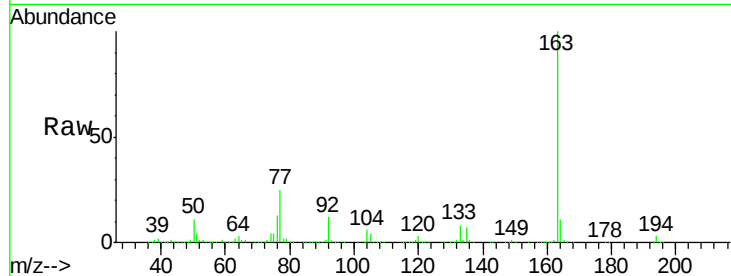
#49
Dimethylphthalate
Concen: 39.96 ng
RT: 9.63 min Scan# 660
Delta R.T. -0.05 min
Lab File: BF084329.D
Acq: 8 Jan 2016 15:50

Instrument :
BNA_F
ClientSampleId :
PB87668BS

Tot Ion:163 Resp: 1458092
Ion Ratio Lower Upper
163 100
194 3.3 8.0 12.0#
164 10.8 8.0 12.0

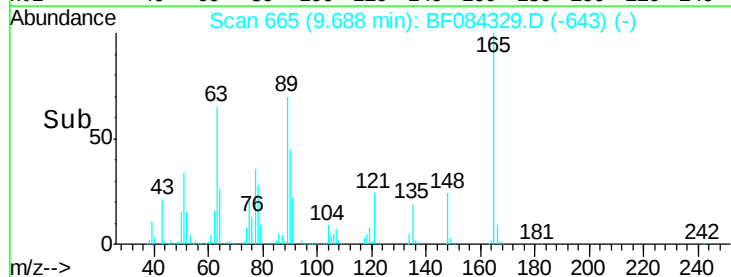
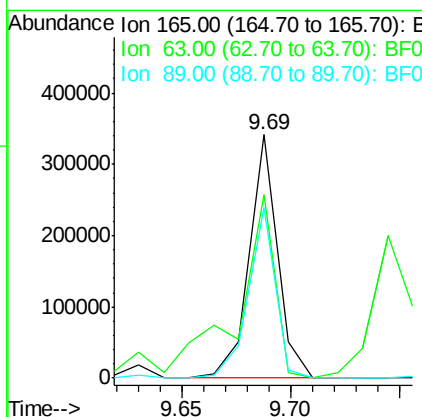
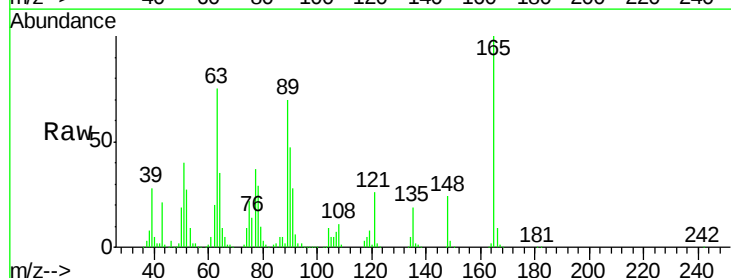
Manual Integrations
APPROVED

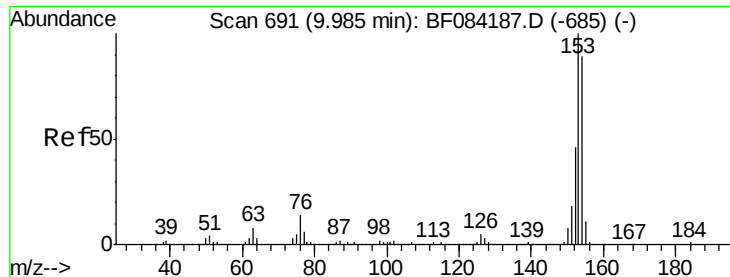
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#50
2,6-Dinitrotoluene
Concen: 38.36 ng
RT: 9.69 min Scan# 665
Delta R.T. -0.05 min
Lab File: BF084329.D
Acq: 8 Jan 2016 15:50

Tgt Ion:165 Resp: 306991
Ion Ratio Lower Upper
165 100
63 75.1 28.8 43.2#
89 69.9 35.1 52.7#





#51

Acenaphthene

Concen: 46.86 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.04 min

Lab File: BF084329.D

Acq: 8 Jan 2016 15:50

Instrument :

BNA_F

ClientSampleId :

PB87668BS

Tot Ion:154 Resp: 1479803

Ion Ratio Lower Upper

154 100

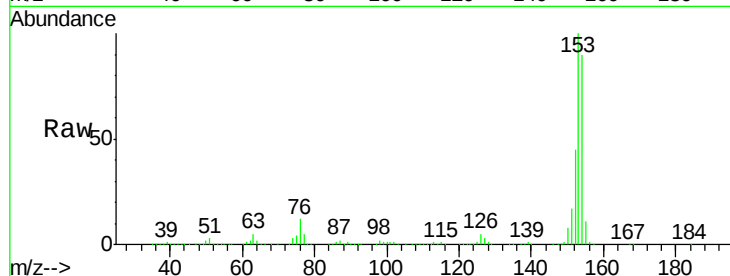
153 111.5 91.5 137.3

152 50.6 43.0 64.6

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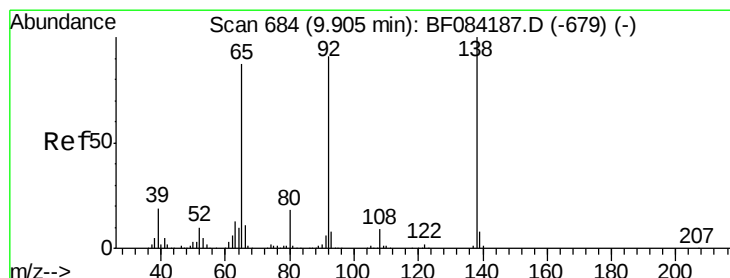
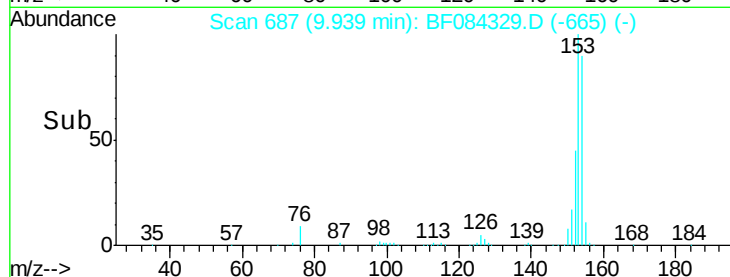
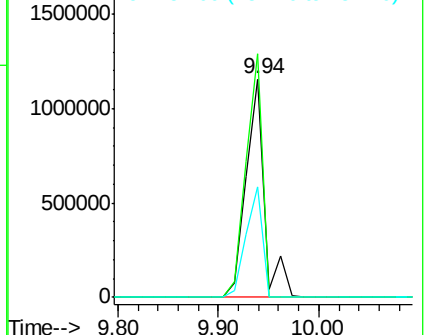
1/10/2016 9:51:27 AM



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: 22.07 ng

RT: 9.86 min Scan# 680

Delta R.T. -0.05 min

Lab File: BF084329.D

Acq: 8 Jan 2016 15:50

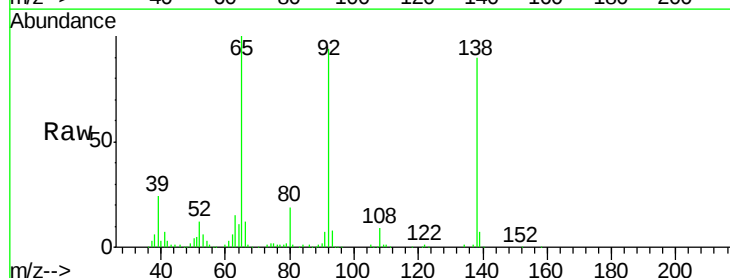
Tgt Ion:138 Resp: 218910

Ion Ratio Lower Upper

138 100

108 10.0 10.5 15.7#

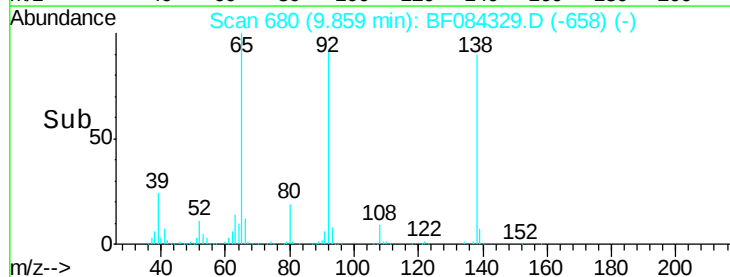
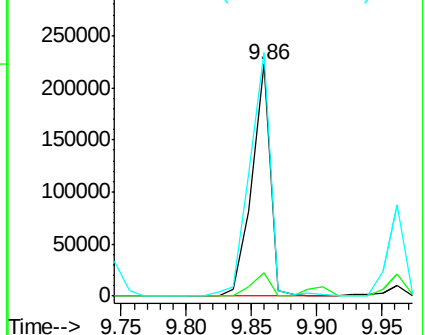
92 105.1 103.9 155.9

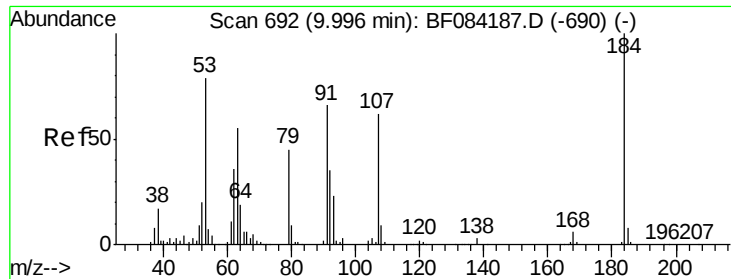


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





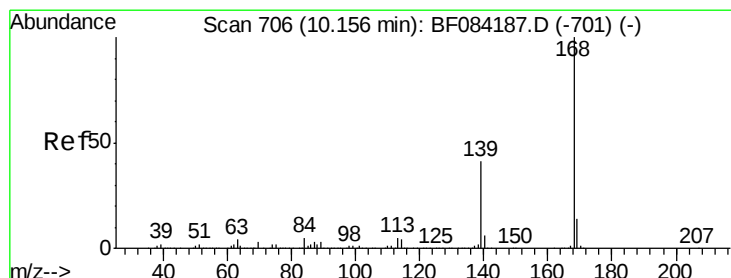
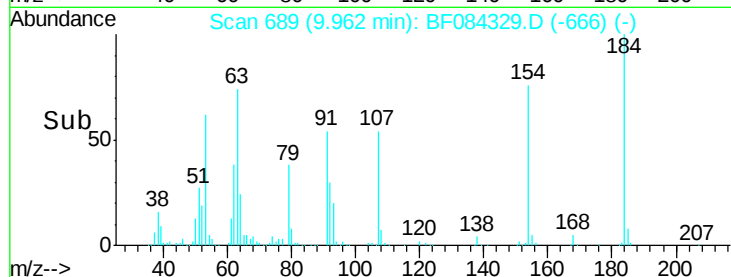
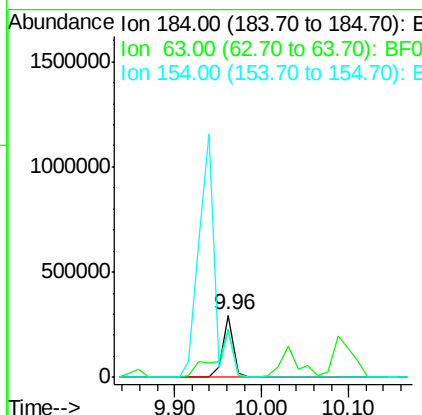
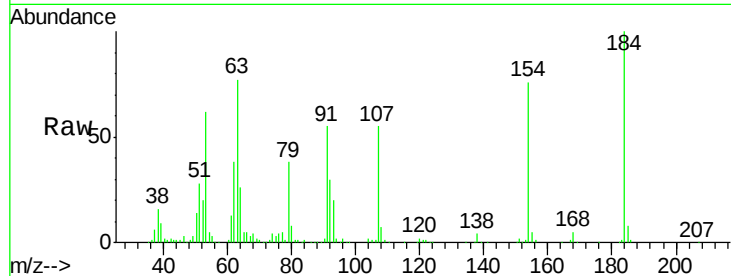
#53
2,4-Dinitrophenol
Concen: 75.93 ng
RT: 9.96 min Scan# 689
Delta R.T. -0.03 min
Lab File: BF084329.D
Acq: 8 Jan 2016 15:50

Instrument :
BNA_F
ClientSampleId :
PB87668BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	258229		
63	77.2	43.1	64.7#	
154	75.6	60.5	90.7	

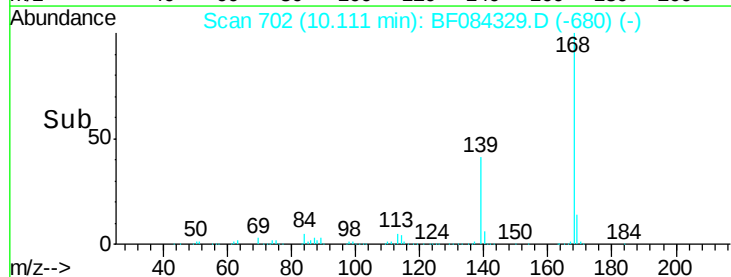
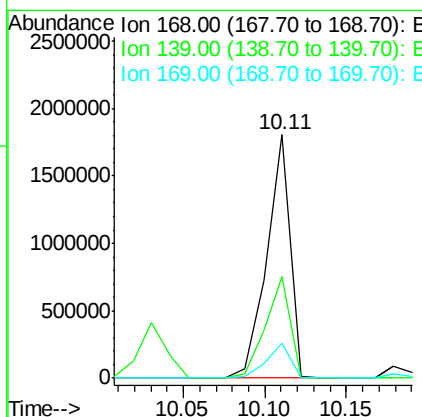
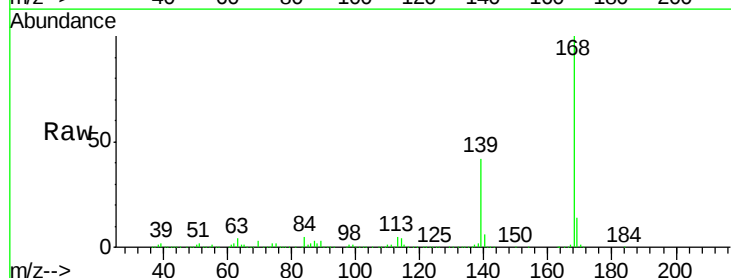
Manual Integrations
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#54
Dibenzofuran
Concen: 43.99 ng
RT: 10.11 min Scan# 702
Delta R.T. -0.05 min
Lab File: BF084329.D
Acq: 8 Jan 2016 15:50

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1801818		
139	41.8	30.5	45.7	
169	14.1	10.4	15.6	





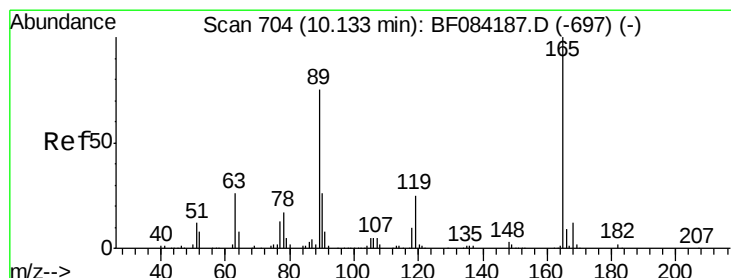
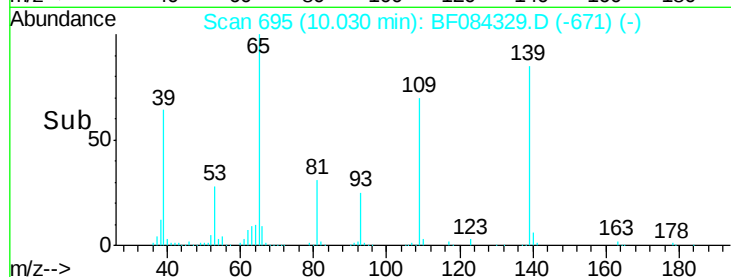
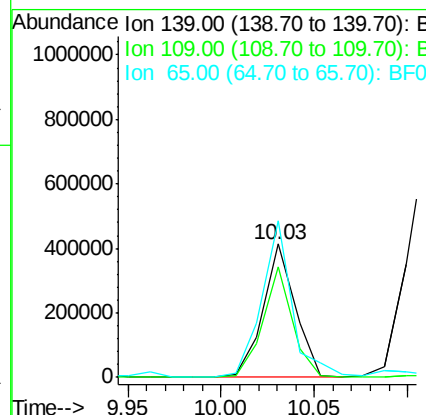
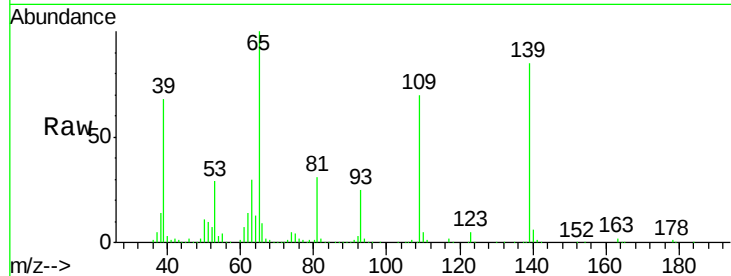
#55
4-Nitrophenol
Concen: 68.94 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.02 min
Lab File: BF084329.D
Acq: 8 Jan 2016 15:50

Instrument :
BNA_F
ClientSampleId :
PB87668BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	496327		
109	83.0	58.5	98.5	
65	117.9	57.6	97.6	

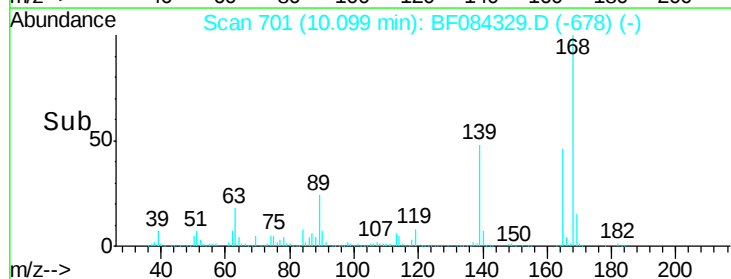
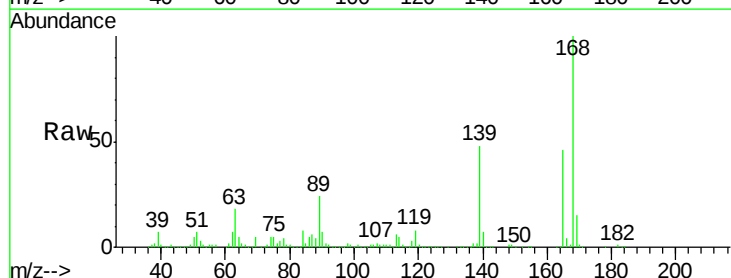
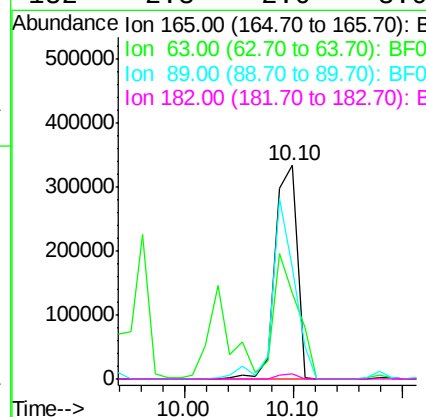
Manual Integrations
APPROVED

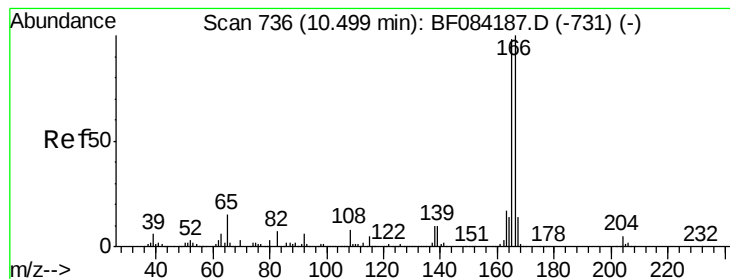
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#56
2,4-Dinitrotoluene
Concen: 45.86 ng
RT: 10.10 min Scan# 701
Delta R.T. -0.03 min
Lab File: BF084329.D
Acq: 8 Jan 2016 15:50

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	464592		
63	39.9	36.7	55.1	
89	52.1	61.9	92.9	
182	2.3	2.0	3.0	





#57

Fluorene

Concen: 45.22 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.04 min

Lab File: BF084329.D

Acq: 8 Jan 2016 15:50

Instrument :

BNA_F

ClientSampleId :

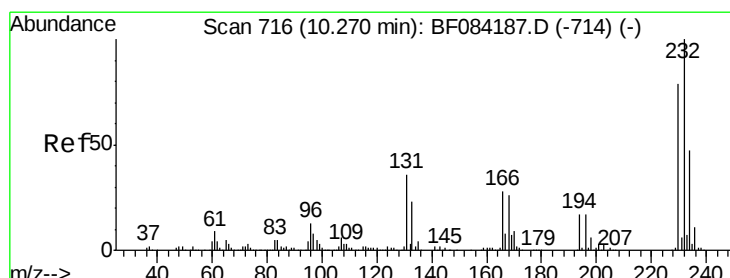
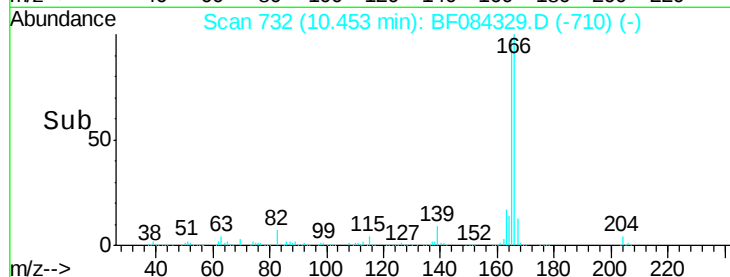
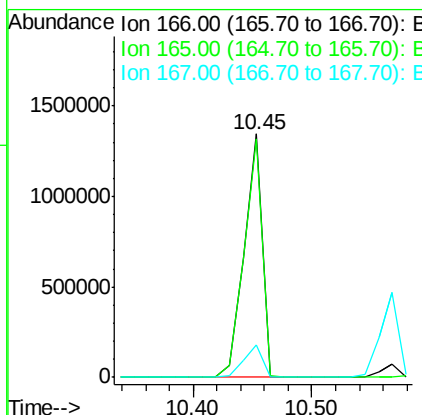
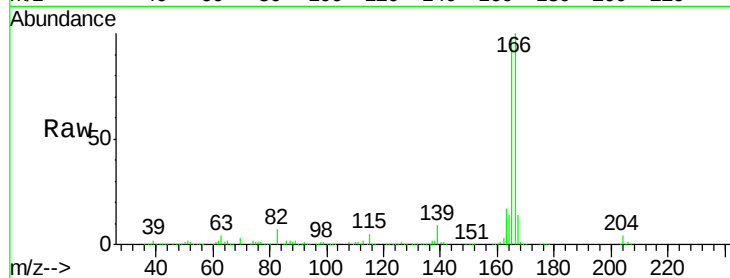
PB87668BS

Manual Integrations
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Tot	Ion:166	Resp:	1429771
Ion	Ratio	Lower	Upper
166	100		
165	97.8	79.1	118.7
167	13.5	10.4	15.6



#58

2,3,4,6-Tetrachlorophenol

Concen: 37.74 ng

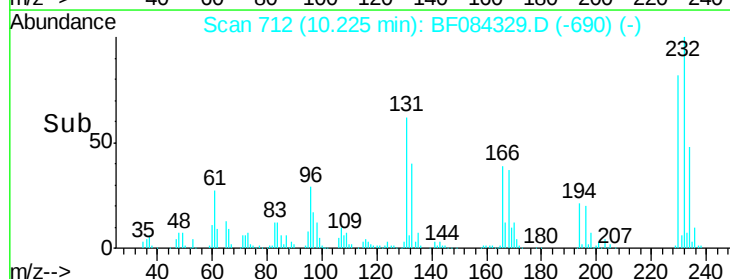
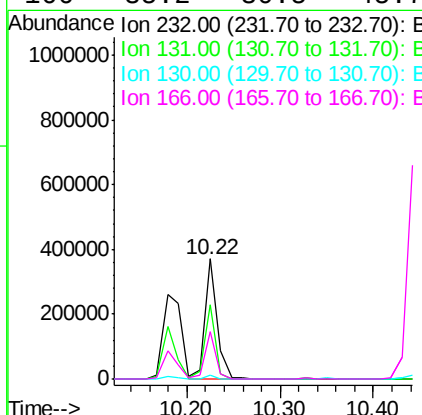
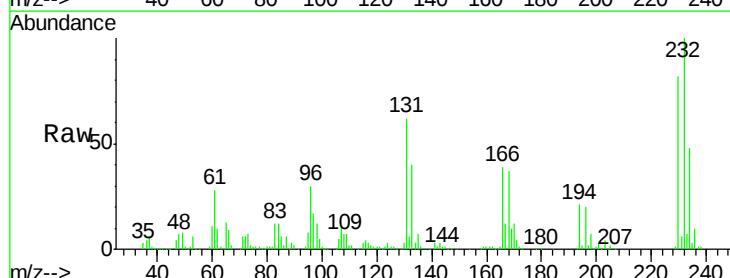
RT: 10.22 min Scan# 712

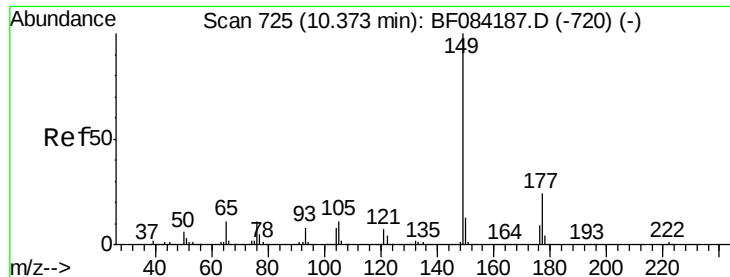
Delta R.T. -0.05 min

Lab File: BF084329.D

Acq: 8 Jan 2016 15:50

Tgt	Ion:232	Resp:	339173
Ion	Ratio	Lower	Upper
232	100		
131	55.6	47.0	70.6
130	2.9	2.0	3.0
166	35.2	30.5	45.7





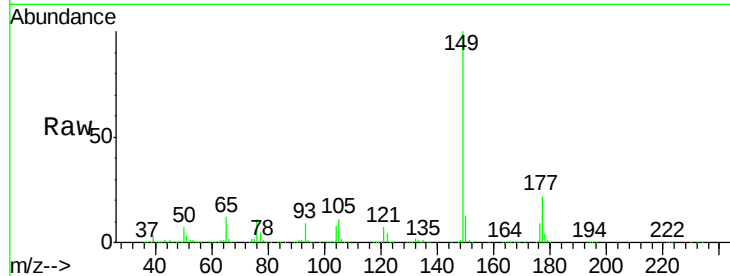
#59
Diethylphthalate
Concen: 40.07 ng
RT: 10.33 min Scan# 721
Delta R.T. -0.05 min
Lab File: BF084329.D
Acq: 8 Jan 2016 15:50

Instrument :
BNA_F
ClientSampleId :
PB87668BS

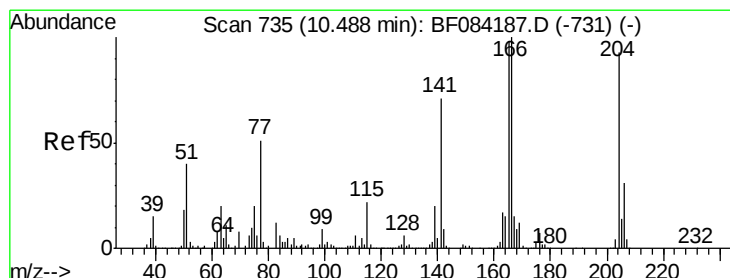
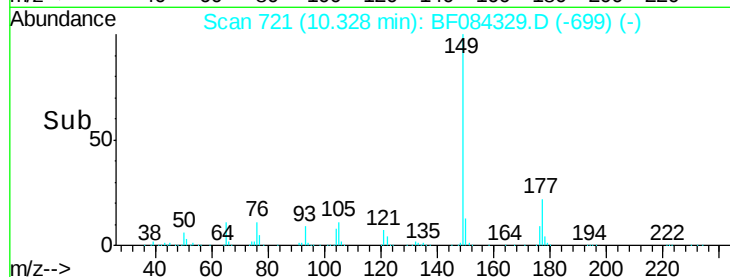
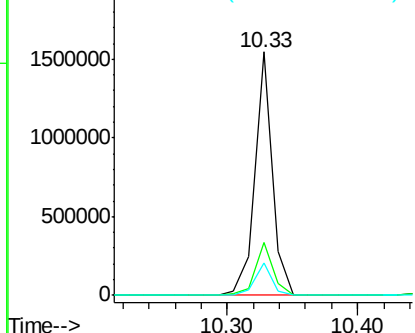
Tot Ion:149 Resp: 1441726
Ion Ratio Lower Upper
149 100
177 21.7 17.3 25.9
150 13.2 9.8 14.8

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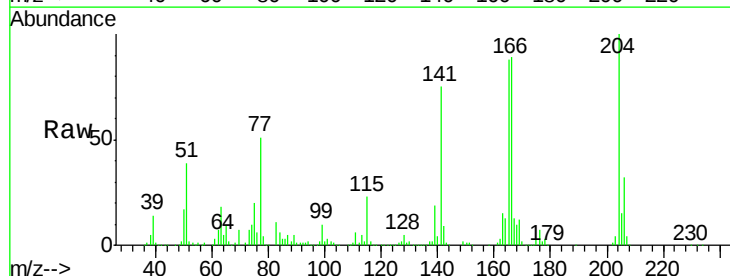


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

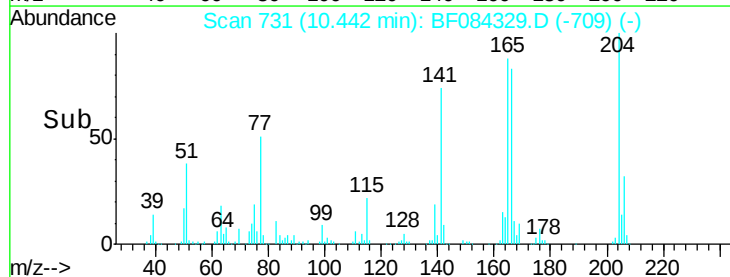
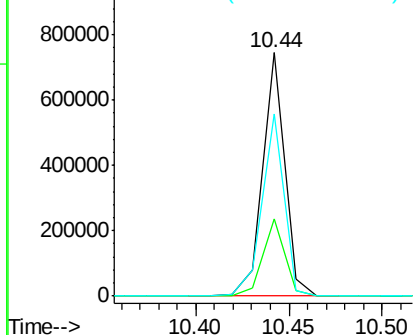


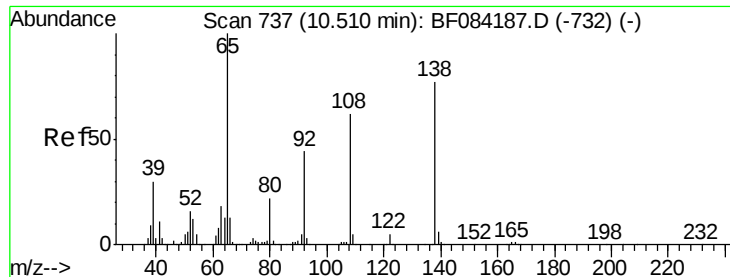
#60
4-Chlorophenyl-phenylether
Concen: 45.49 ng
RT: 10.44 min Scan# 731
Delta R.T. -0.05 min
Lab File: BF084329.D
Acq: 8 Jan 2016 15:50

Tgt Ion:204 Resp: 605900
Ion Ratio Lower Upper
204 100
206 32.0 25.7 38.5
141 74.6 55.1 82.7



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





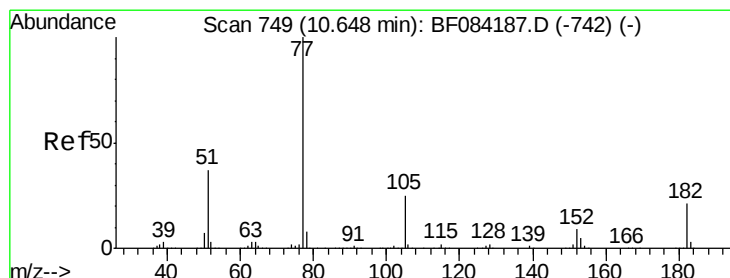
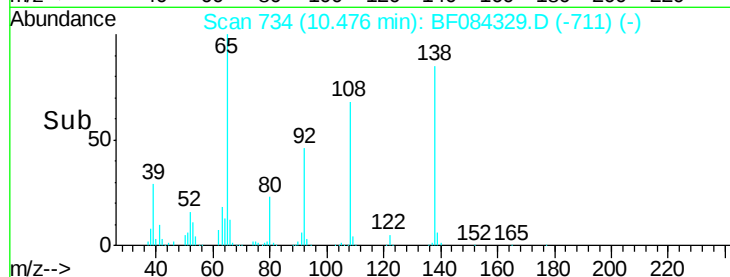
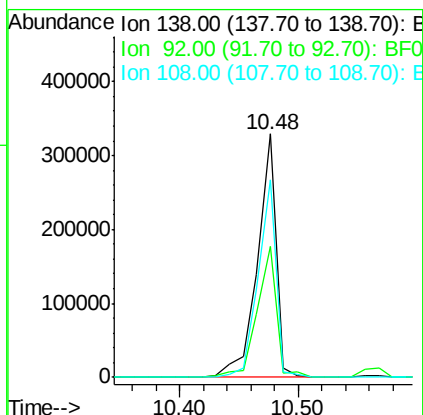
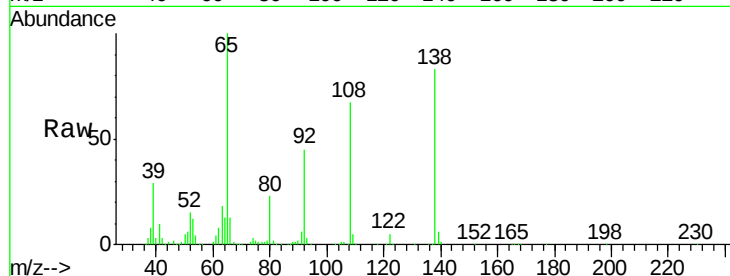
#61
4-Nitroaniline
Concen: 41.35 ng
RT: 10.48 min Scan# 734
Delta R.T. -0.03 min
Lab File: BF084329.D
Acq: 8 Jan 2016 15:50

Instrument :
BNA_F
ClientSampleId :
PB87668BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	53.8	32.6	72.6
108	80.9	68.6	108.6

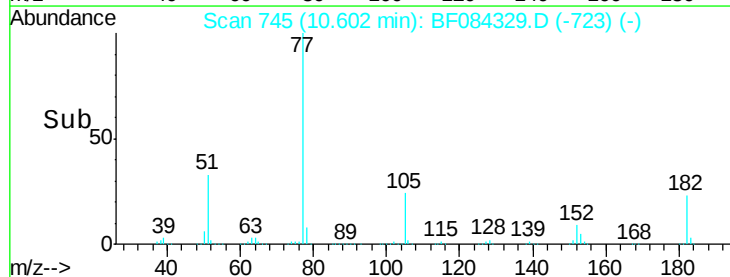
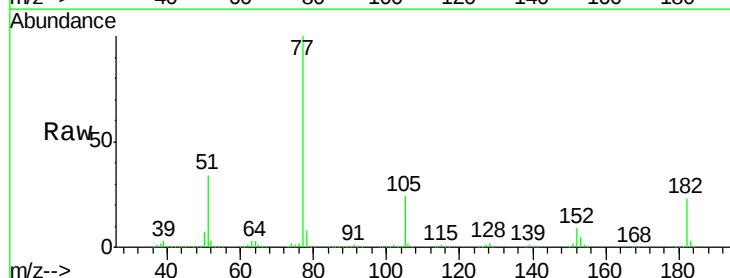
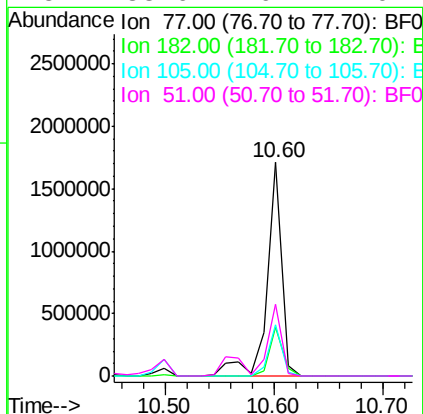
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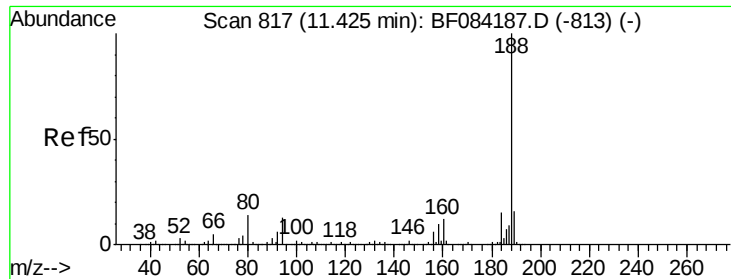
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#62
Azobenzene
Concen: 41.59 ng
RT: 10.60 min Scan# 745
Delta R.T. -0.05 min
Lab File: BF084329.D
Acq: 8 Jan 2016 15:50

Tgt Ion	Ratio	Lower	Upper
77	100		
182	22.6	8.3	48.3
105	23.8	4.6	44.6
51	33.6	6.2	46.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.38 min Scan# 813

Delta R.T. -0.05 min

Lab File: BF084329.D

Acq: 8 Jan 2016 15:50

Instrument :

BNA_F

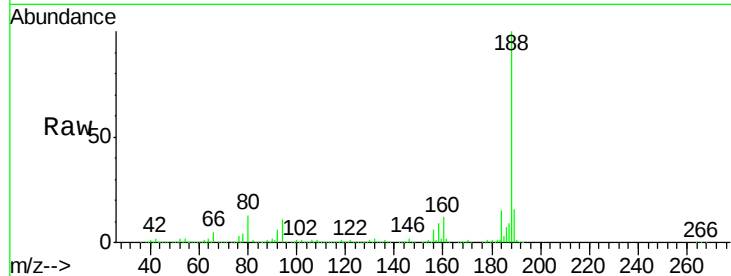
ClientSampleId :

PB87668BS

Tot Ion:188	Resp:	943168
Ion Ratio	Lower	Upper
188 100		
94 11.4	9.0	13.4
80 13.1	9.6	14.4

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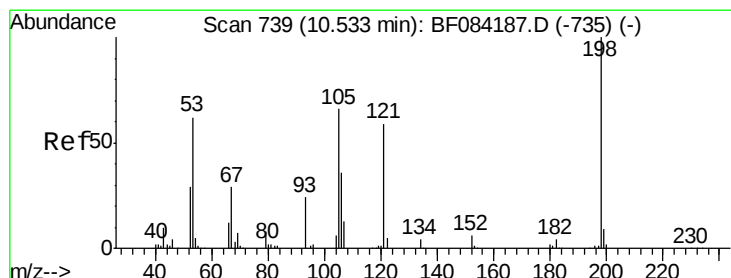
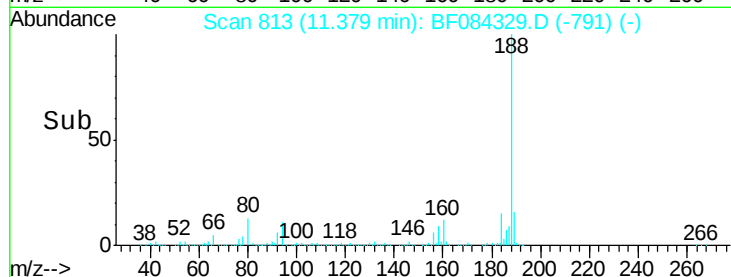
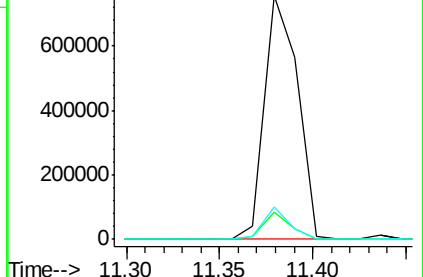
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Abundance Ion 188.00 (187.70 to 188.70): E

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: 39.06 ng

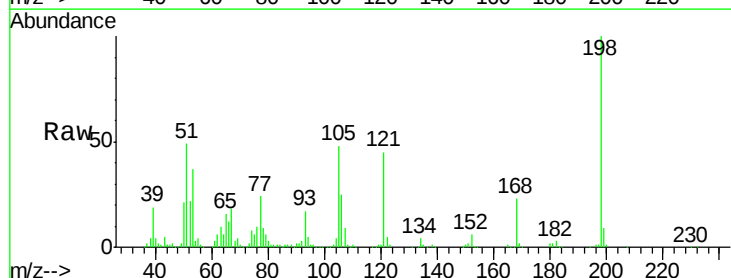
RT: 10.50 min Scan# 736

Delta R.T. -0.03 min

Lab File: BF084329.D

Acq: 8 Jan 2016 15:50

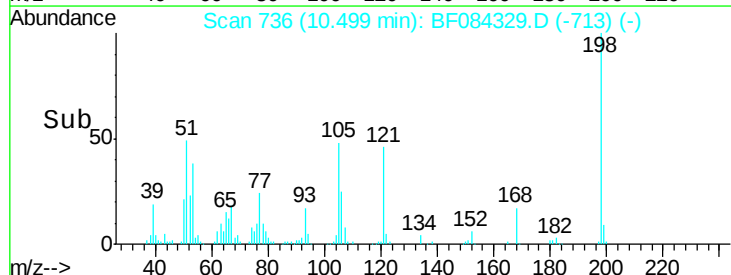
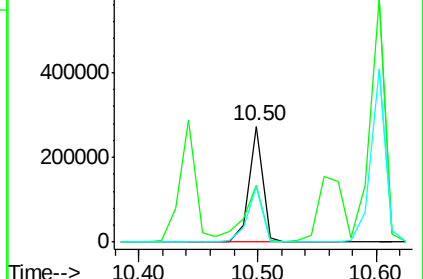
Tgt Ion:198	Resp:	225047
Ion Ratio	Lower	Upper
198 100		
51 49.0	18.9	58.9
105 47.6	26.4	66.4

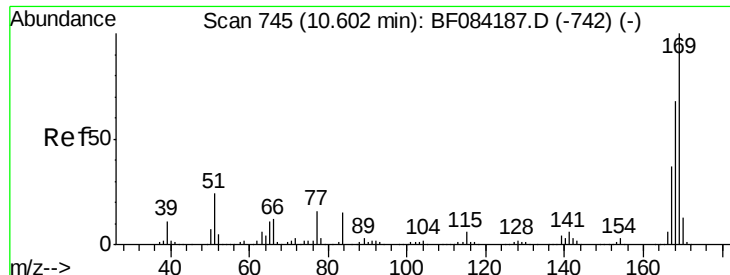


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 42.55 ng

RT: 10.57 min Scan# 742

Delta R.T. -0.03 min

Lab File: BF084329.D

Acq: 8 Jan 2016 15:50

Instrument :

BNA_F

ClientSampleId :

PB87668BS

Tot Ion:169 Resp: 1283177

Ion Ratio Lower Upper

169 100

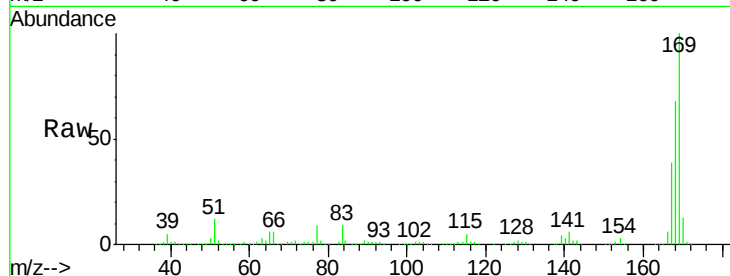
168 68.0 55.1 82.7

167 38.7 30.0 45.0

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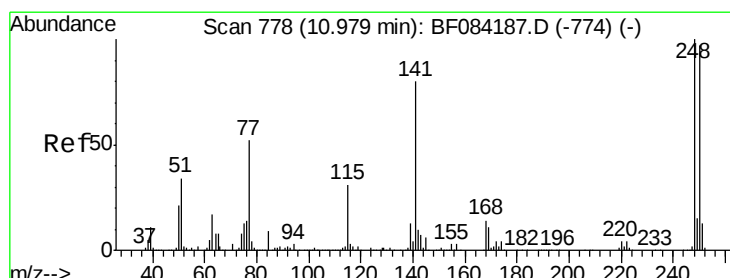
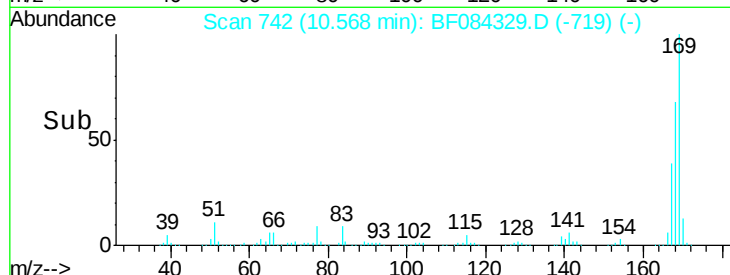
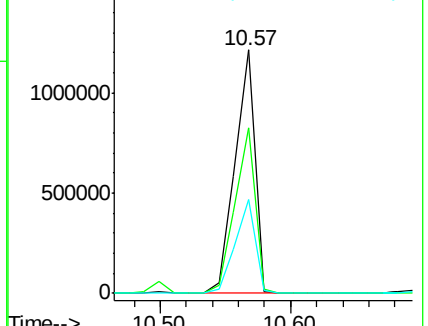
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 42.01 ng

RT: 10.93 min Scan# 774

Delta R.T. -0.05 min

Lab File: BF084329.D

Acq: 8 Jan 2016 15:50

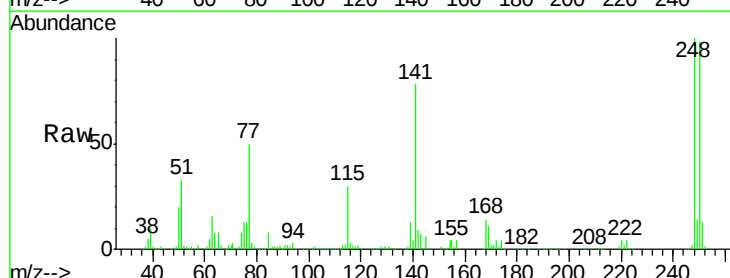
Tgt Ion:248 Resp: 426432

Ion Ratio Lower Upper

248 100

250 97.6 78.4 117.6

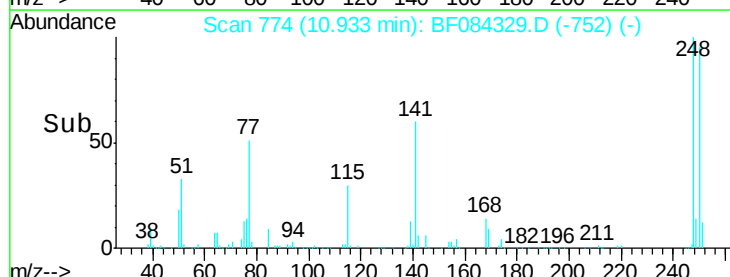
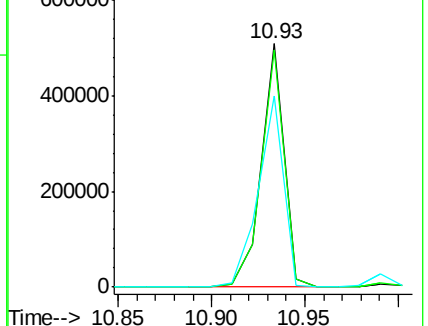
141 78.3 44.0 66.0#

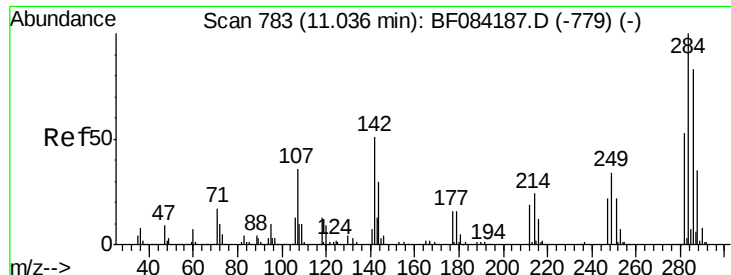


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





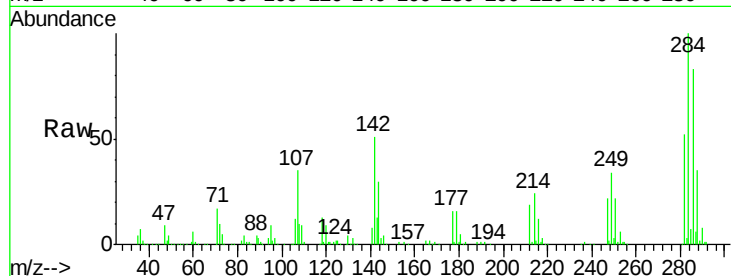
#67
Hexachlorobenzene
Concen: 38.43 ng
RT: 10.99 min Scan# 779
Delta R.T. -0.05 min
Lab File: BF084329.D
Acq: 8 Jan 2016 15:50

Instrument :
BNA_F
ClientSampled :
PB87668BS

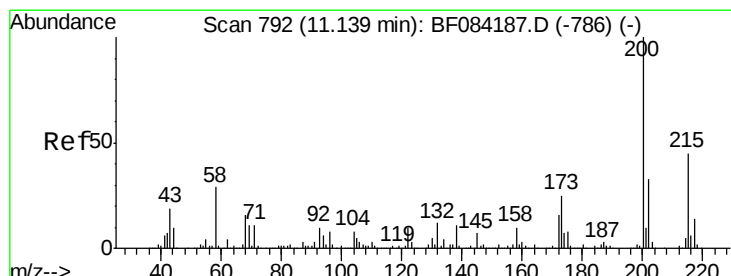
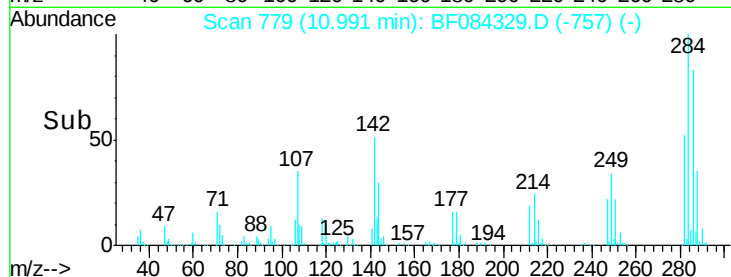
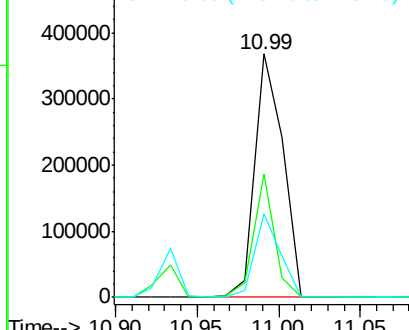
Tot Ion	Ratio	Resp	Lower	Upper
284	100	439151		
142	50.9	22.2	33.4#	
249	34.4	24.6	37.0	

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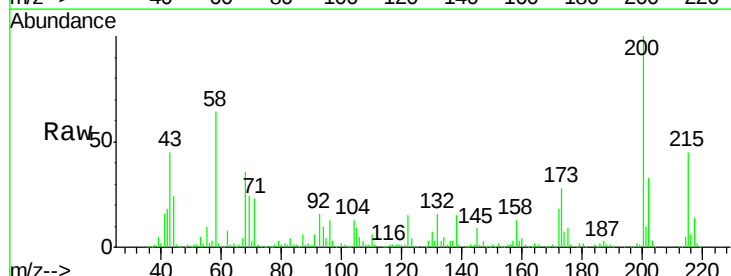


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

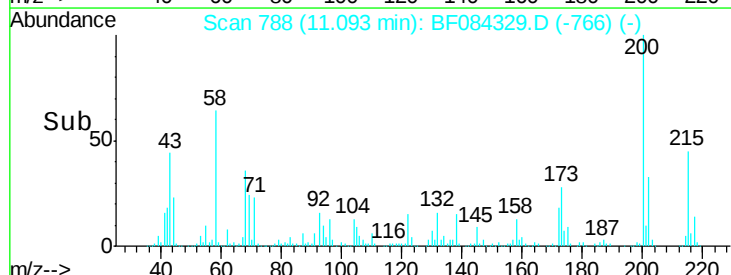
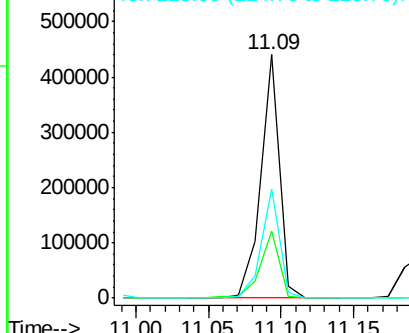


#68
Atrazine
Concen: 39.71 ng
RT: 11.09 min Scan# 788
Delta R.T. -0.05 min
Lab File: BF084329.D
Acq: 8 Jan 2016 15:50

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	391841		
173	27.5	9.5	49.5	
215	44.8	23.8	63.8	



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: 79.35 ng

RT: 11.20 min Scan# 797

Delta R.T. -0.03 min

Lab File: BF084329.D

Acq: 8 Jan 2016 15:50

Instrument :

BNA_F

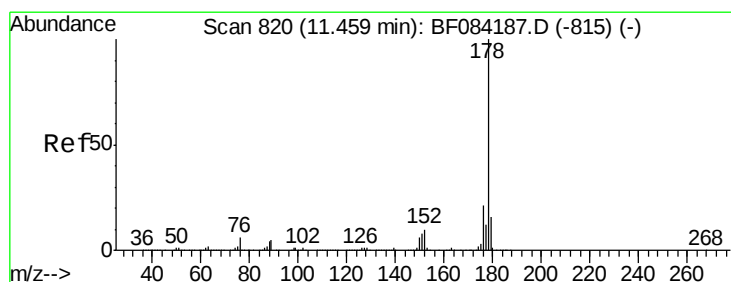
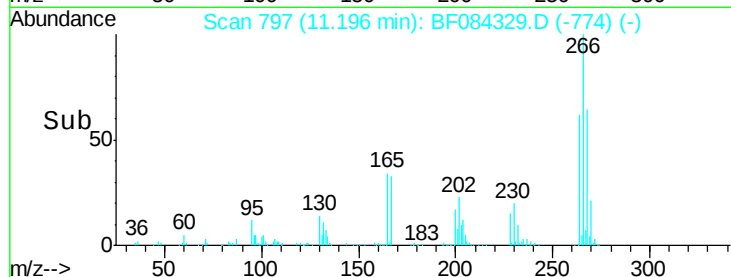
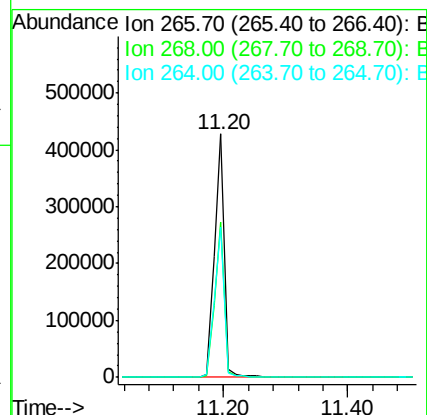
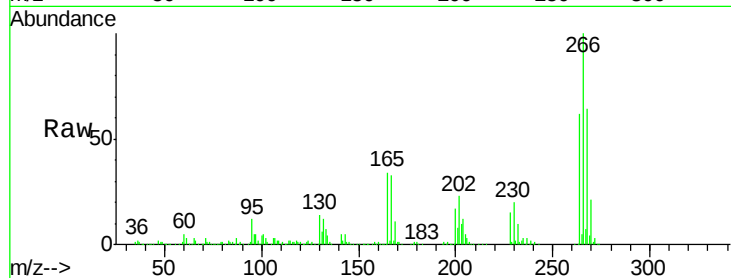
ClientSampleId :

PB87668BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	470126		
268	63.6	52.4	78.6	
264	61.8	50.2	75.2	

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#70

Phenanthrene

Concen: 43.77 ng

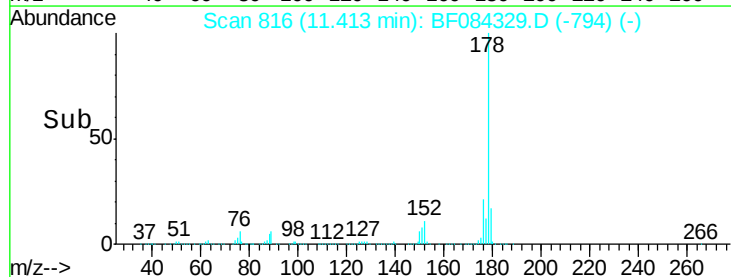
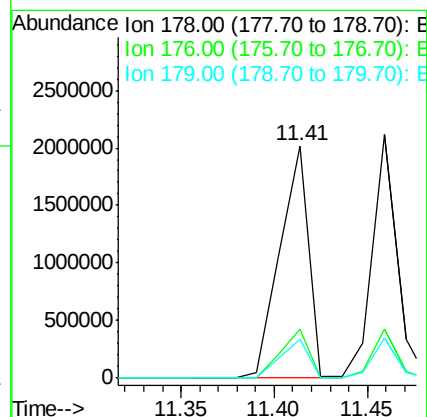
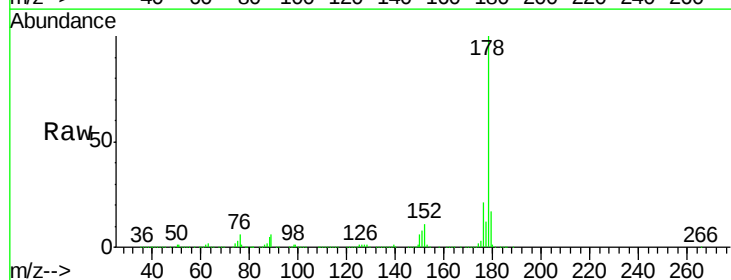
RT: 11.41 min Scan# 816

Delta R.T. -0.05 min

Lab File: BF084329.D

Acq: 8 Jan 2016 15:50

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	2159497		
176	20.9	15.3	22.9	
179	16.6	12.0	18.0	





#71
 Anthracene
 Concen: 39.27 ng
 RT: 11.46 min Scan# 820
 Delta R.T. -0.04 min
 Lab File: BF084329.D
 Acq: 8 Jan 2016 15:50

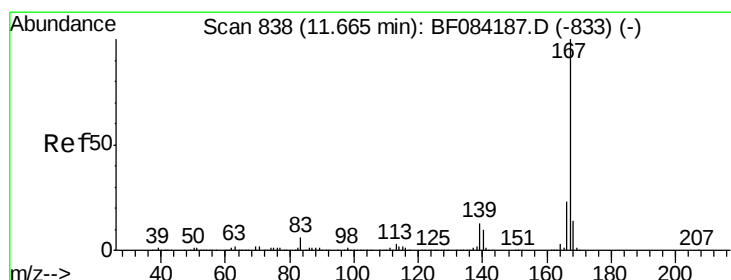
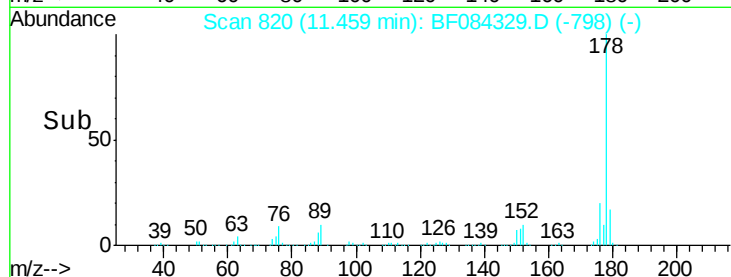
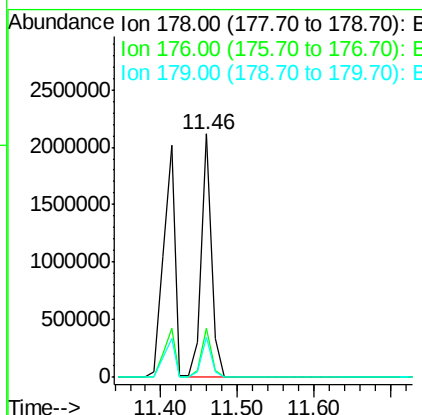
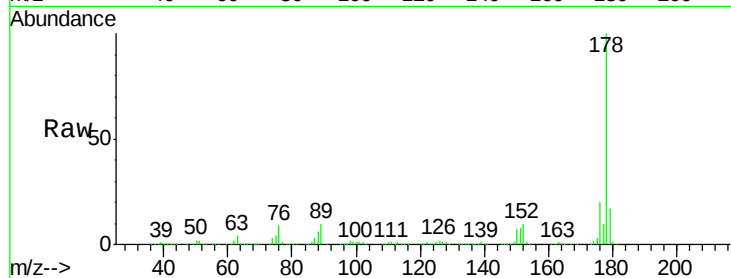
Instrument :
 BNA_F
 ClientSampled :
 PB87668BS

Tot Ion:178 Resp: 1899393

Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.4	23.0
179	16.6	12.5	18.7

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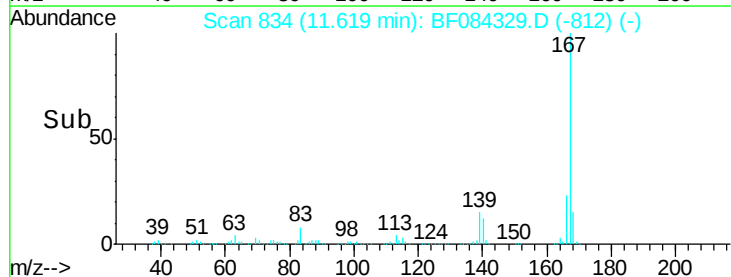
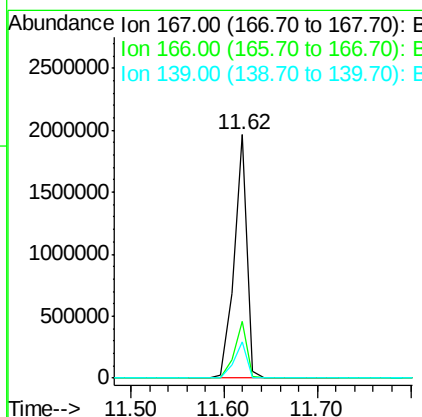
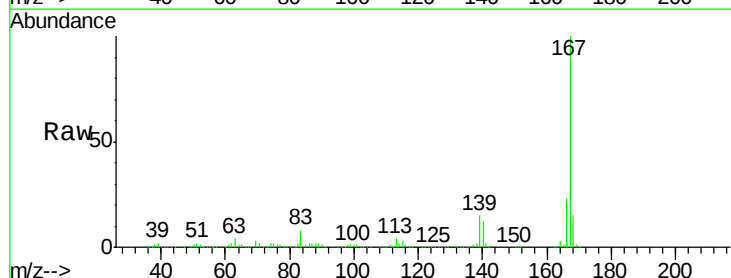
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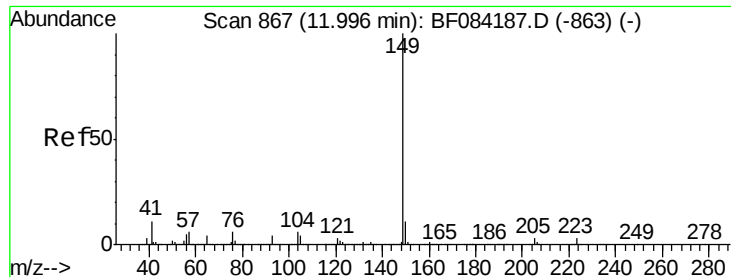


#72
 Carbazole
 Concen: 39.93 ng
 RT: 11.62 min Scan# 834
 Delta R.T. -0.05 min
 Lab File: BF084329.D
 Acq: 8 Jan 2016 15:50

Tgt Ion:167 Resp: 1888100

Ion	Ratio	Lower	Upper
167	100		
166	23.3	17.6	26.4
139	15.0	11.8	17.8





#73

Di-n-butylphthalate

Concen: 41.87 ng

RT: 11.95 min Scan# 863

Delta R.T. -0.05 min

Lab File: BF084329.D

Acq: 8 Jan 2016 15:50

Instrument :

BNA_F

ClientSampleId :

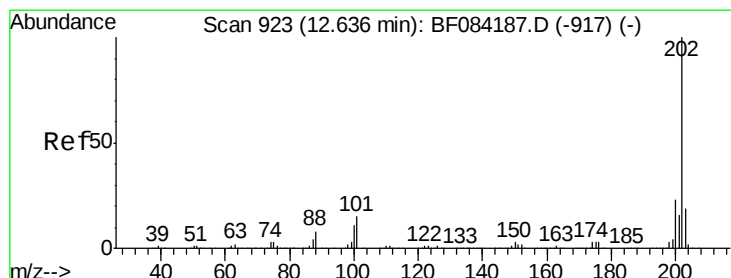
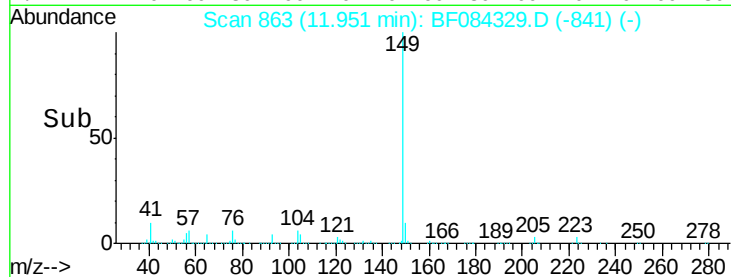
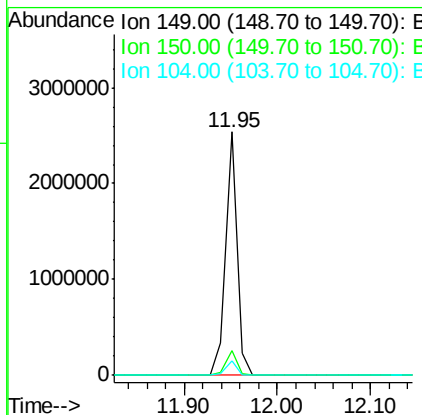
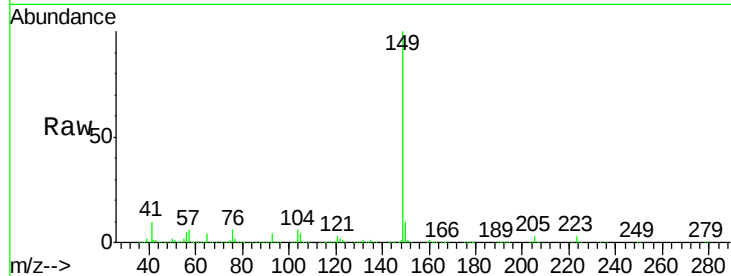
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Tot Ion	Ratio	Lower	Upper
149	100		
150	10.4	7.1	10.7
104	6.2	3.2	4.8



#74

Fluoranthene

Concen: 40.33 ng

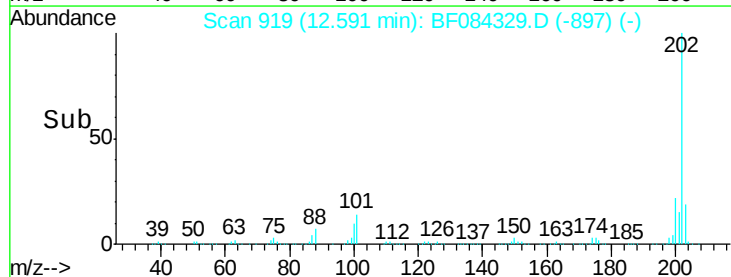
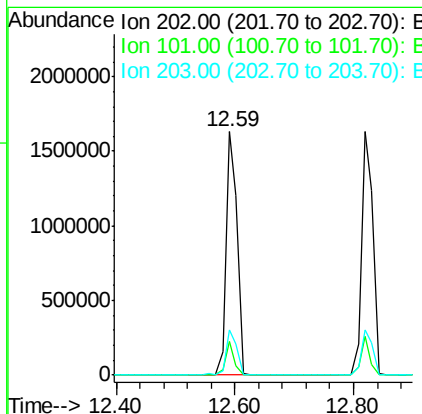
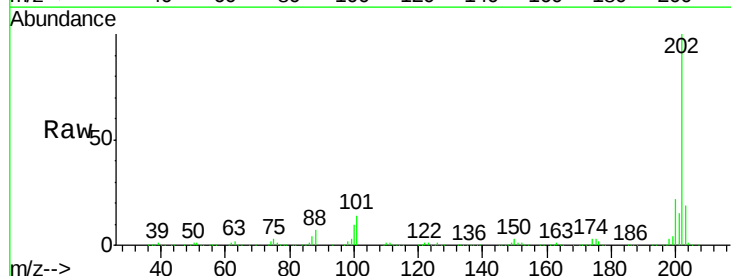
RT: 12.59 min Scan# 919

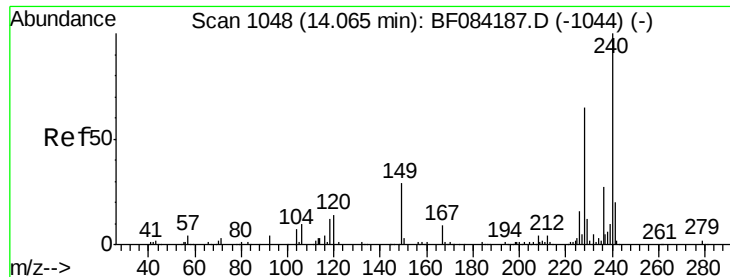
Delta R.T. -0.05 min

Lab File: BF084329.D

Acq: 8 Jan 2016 15:50

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.8	0.0	32.8
203	18.6	0.0	37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 1044

Delta R.T. -0.05 min

Lab File: BF084329.D

Acq: 8 Jan 2016 15:50

Instrument :

BNA_F

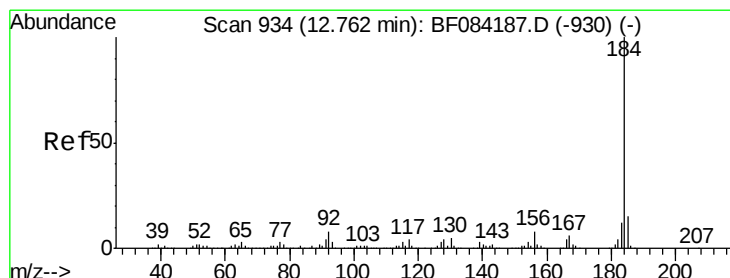
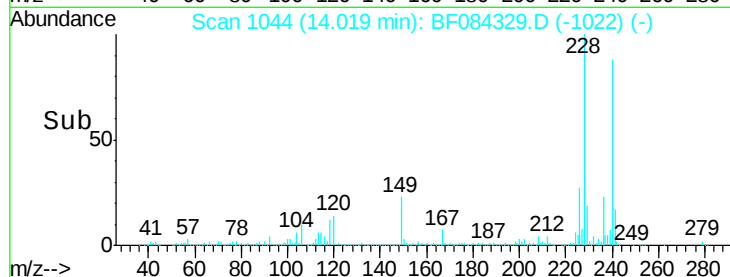
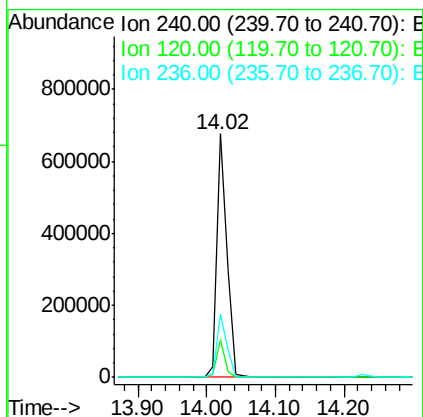
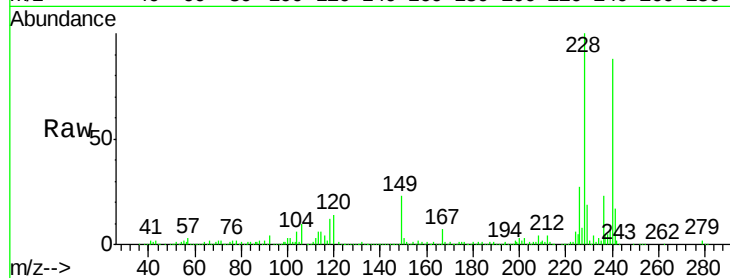
ClientSampleId :

PB87668BS

Tot Ion:	240	Resp:	703757
Ion Ratio		Lower	Upper
240	100		
120	15.6	9.5	14.3#
236	26.1	20.6	31.0

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#76

Benzidine

Concen: 25.15 ng

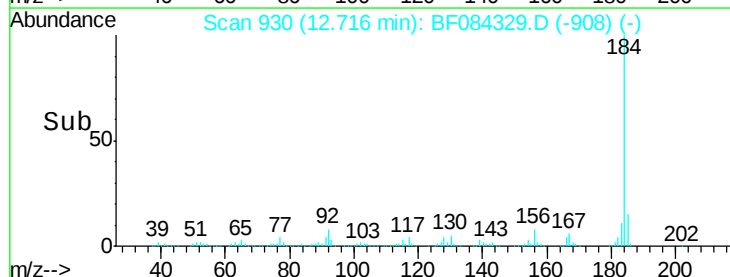
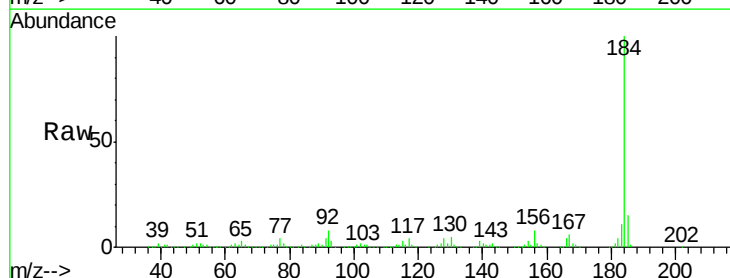
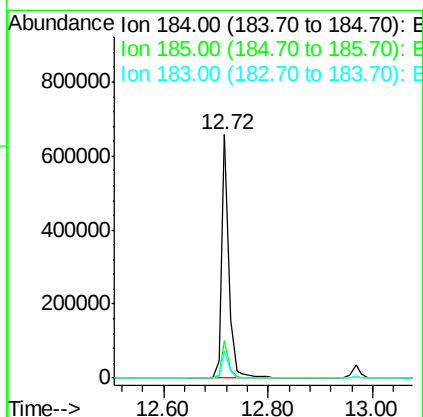
RT: 12.72 min Scan# 930

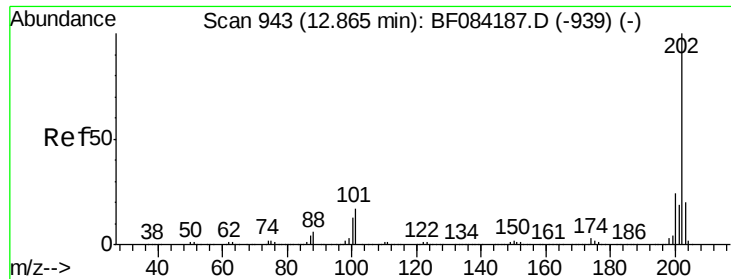
Delta R.T. -0.05 min

Lab File: BF084329.D

Acq: 8 Jan 2016 15:50

Tgt Ion:	184	Resp:	634643
Ion Ratio		Lower	Upper
184	100		
185	15.2	12.2	18.2
183	11.5	9.8	14.8





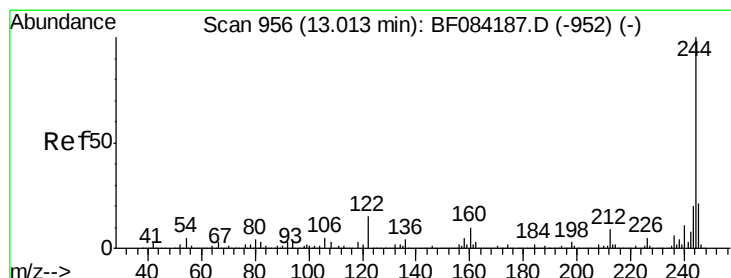
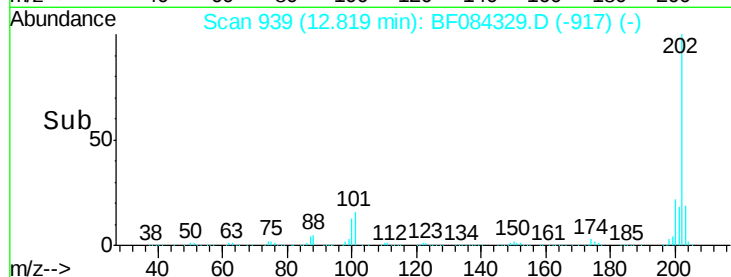
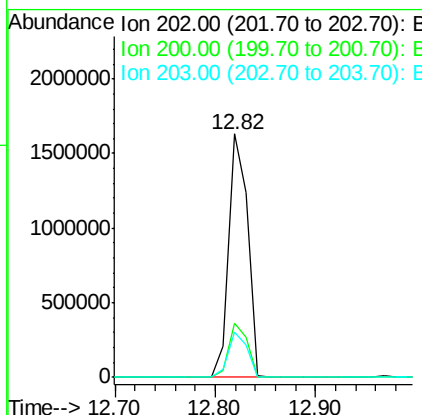
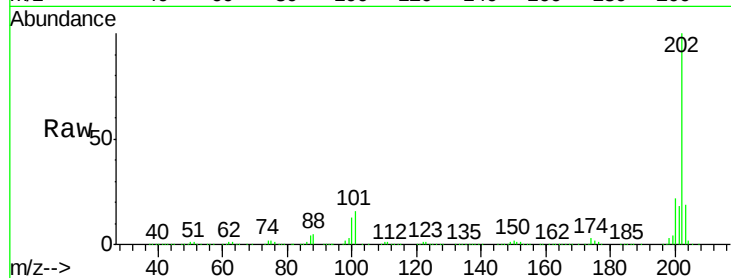
#77
Pvrene
Concen: 38.54 ng
RT: 12.82 min Scan# 939
Delta R.T. -0.05 min
Lab File: BF084329.D
Acq: 8 Jan 2016 15:50

Instrument :
BNA_F
ClientSampleId :
PB87668BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.2	25.8
203	18.8	14.3	21.5

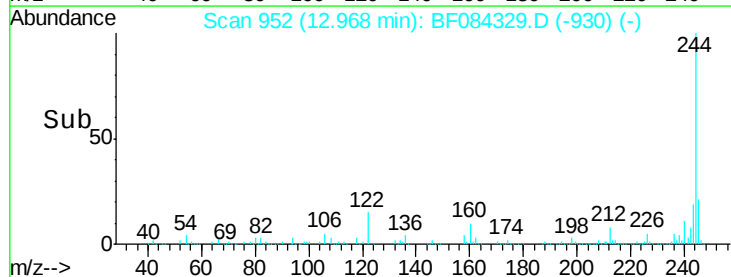
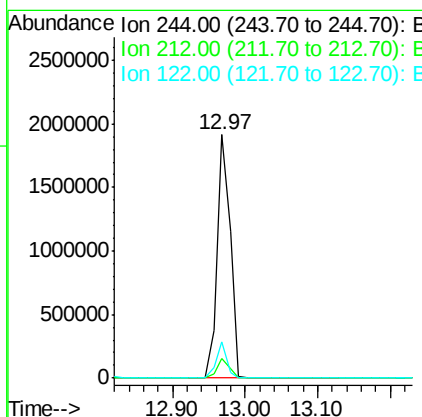
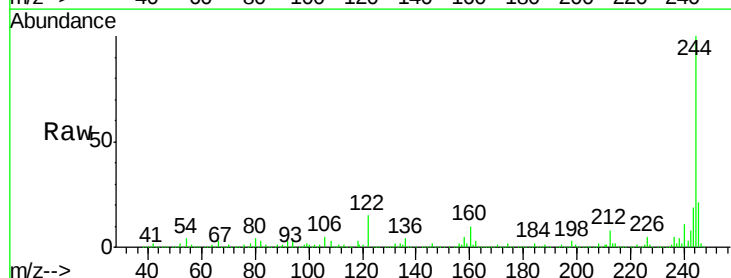
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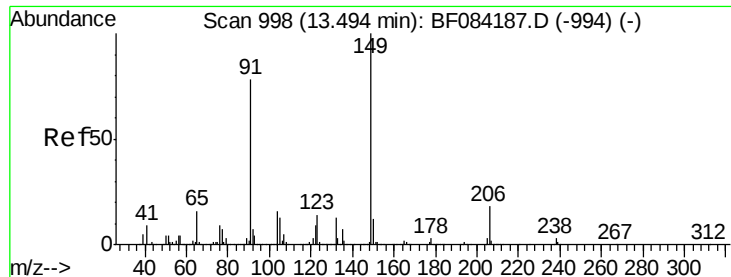
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#78
Terphenyl-d14
Concen: 75.62 ng
RT: 12.97 min Scan# 952
Delta R.T. -0.05 min
Lab File: BF084329.D
Acq: 8 Jan 2016 15:50

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.1	5.7	8.5
122	15.0	7.4	11.0





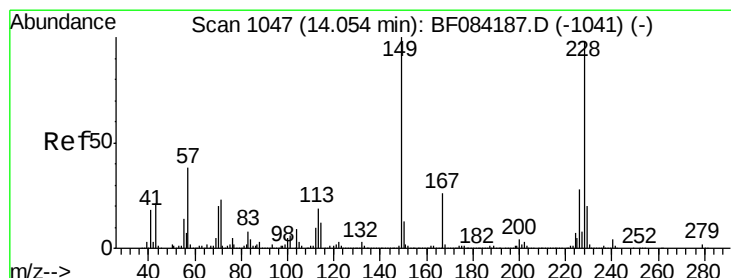
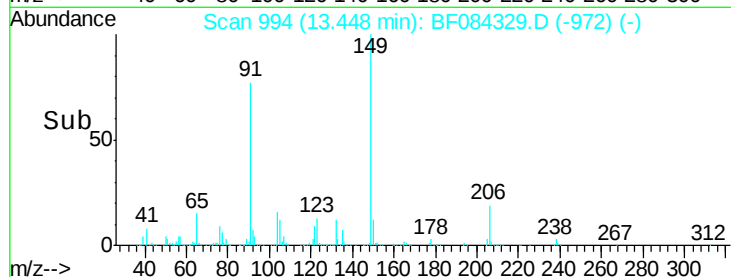
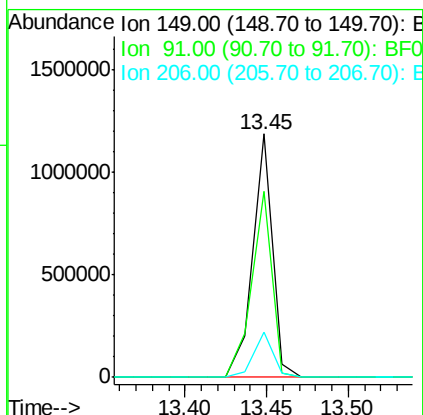
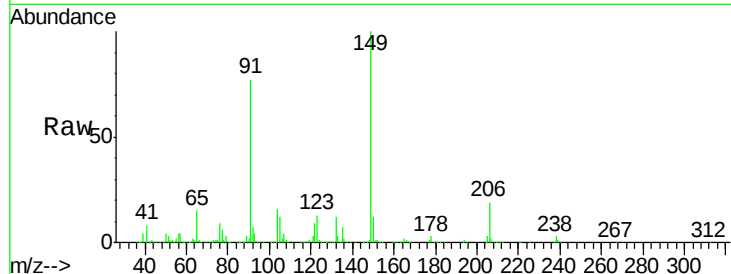
#79
Butylbenzylphthalate
Concen: 41.82 ng
RT: 13.45 min Scan# 994
Delta R.T. -0.05 min
Lab File: BF084329.D
Acq: 8 Jan 2016 15:50

Instrument :
BNA_F
ClientSampleId :
PB87668BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	999359		
91	76.5	57.6	86.4	
206	18.8	13.2	19.8	

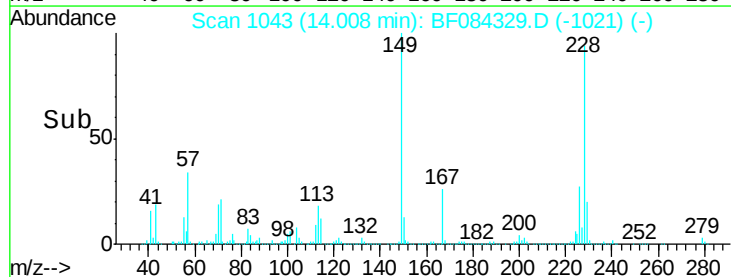
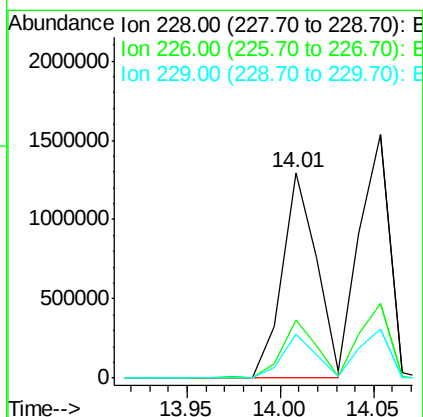
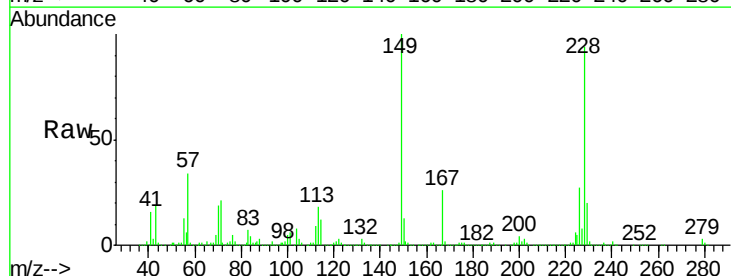
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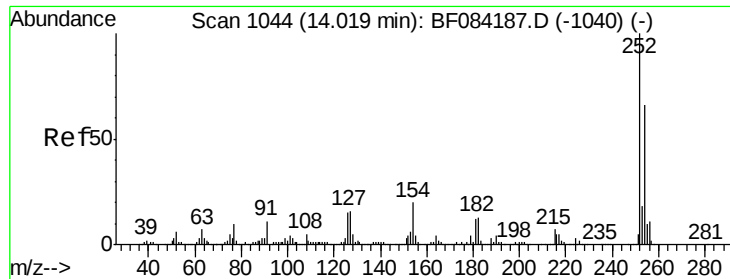
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#80
Benzo(a)anthracene
Concen: 40.44 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.05 min
Lab File: BF084329.D
Acq: 8 Jan 2016 15:50

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1671277		
226	28.1	21.8	32.6	
229	21.2	15.8	23.8	





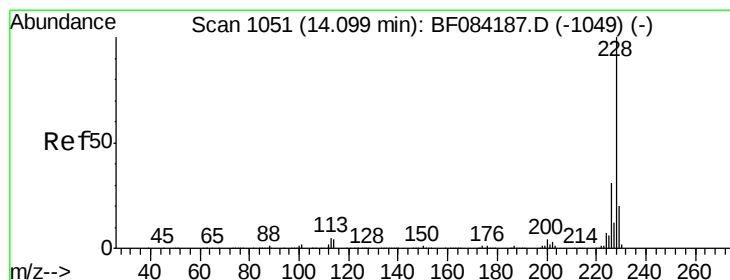
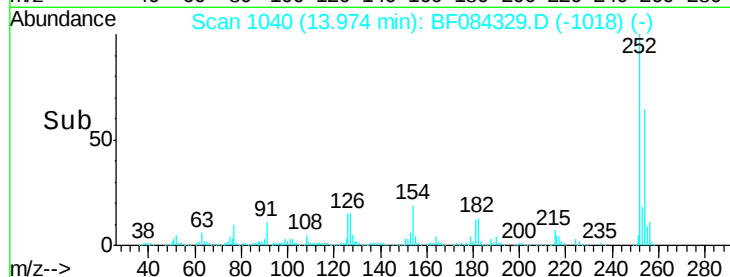
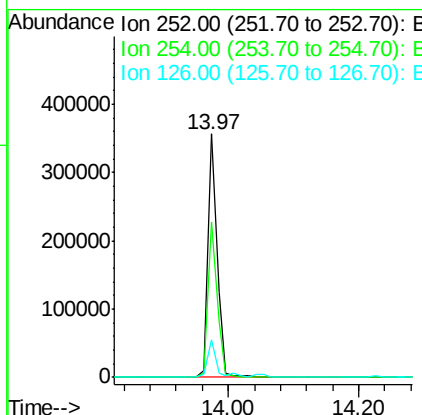
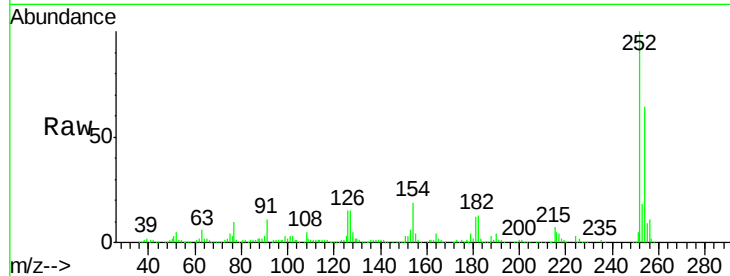
#81
 3,3'-Dichlorobenzidine
 Concen: 24.24 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. -0.05 min
 Lab File: BF084329.D
 Acq: 8 Jan 2016 15:50

Instrument :
 BNA_F
 ClientSampleId :
 PB87668BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	63.9	53.5	80.3
126	15.4	4.9	7.3

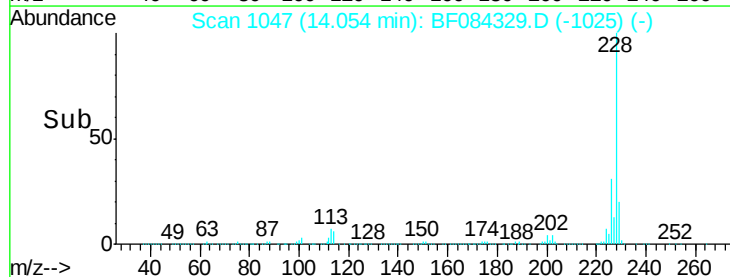
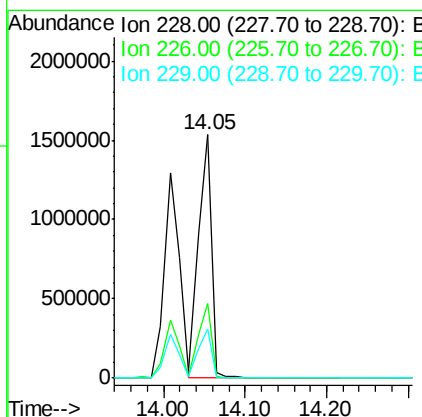
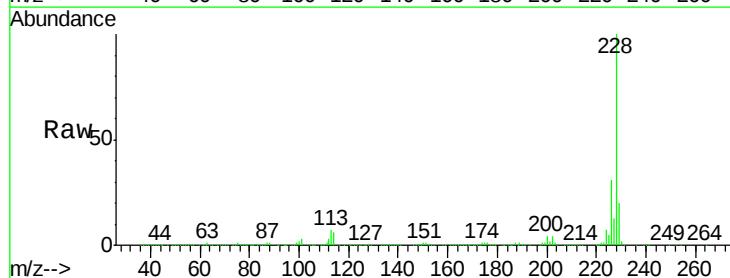
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#82
 Chrysene
 Concen: 43.47 ng
 RT: 14.05 min Scan# 1047
 Delta R.T. -0.05 min
 Lab File: BF084329.D
 Acq: 8 Jan 2016 15:50

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.6	24.3	36.5
229	20.1	16.1	24.1





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.88 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.05 min

Lab File: BF084329.D

Acq: 8 Jan 2016 15:50

Instrument :

BNA_F

ClientSampleId :

PB87668BS

Tot Ion:149 Resp: 1203943

Ion Ratio Lower Upper

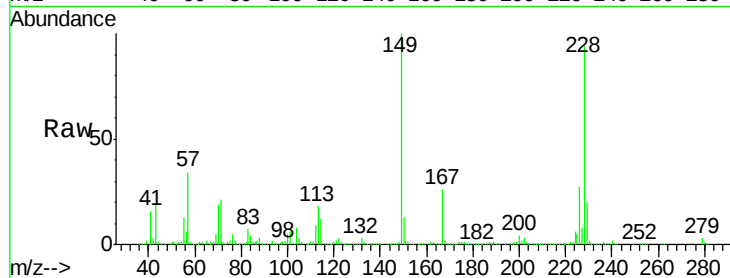
149 100

167 26.1 19.7 29.5

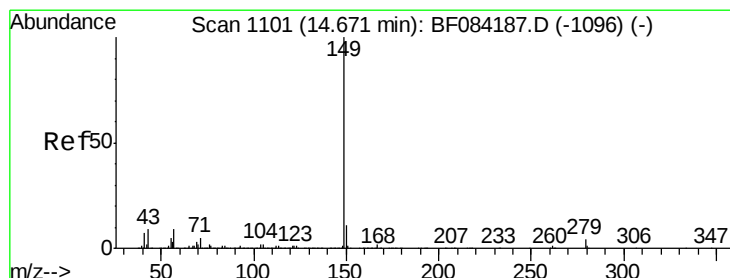
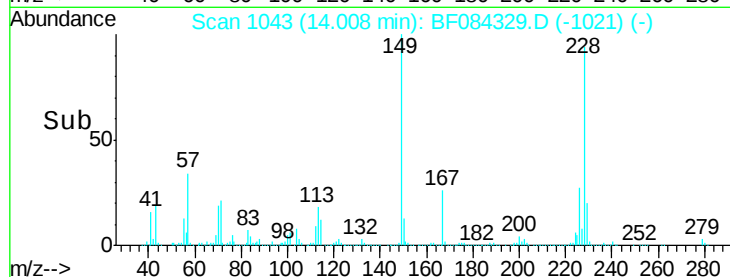
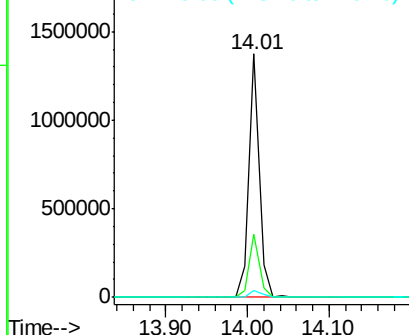
279 2.6 1.8 2.6

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 43.27 ng

RT: 14.63 min Scan# 1097

Delta R.T. -0.05 min

Lab File: BF084329.D

Acq: 8 Jan 2016 15:50

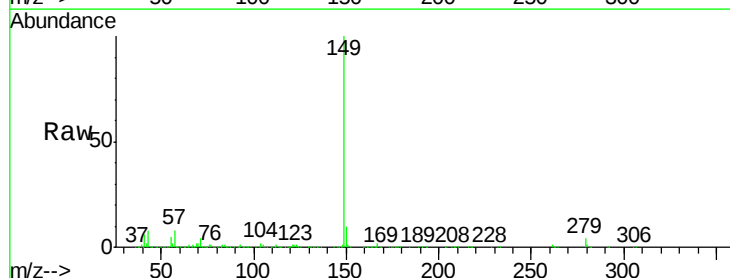
Tgt Ion:149 Resp: 2205623

Ion Ratio Lower Upper

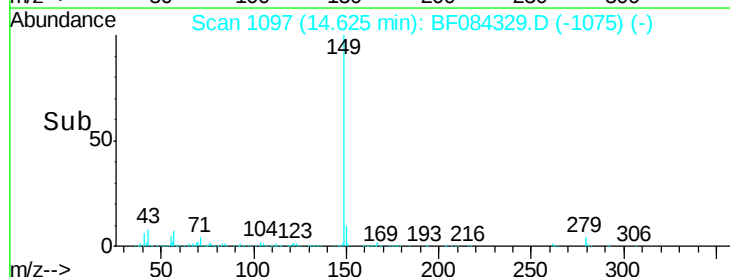
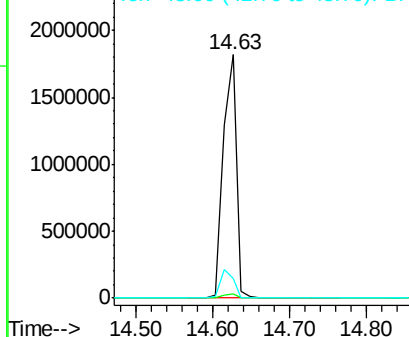
149 100

167 1.6 1.2 1.8

43 11.6 5.6 8.4#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 41.83 ng

RT: 16.84 min Scan# 1291

Delta R.T. -0.08 min

Lab File: BF084329.D

Acq: 8 Jan 2016 15:50

Instrument :

BNA_F

ClientSampleId :

PB87668BS

Tot Ion:276 Resp: 1316714

Ion Ratio Lower Upper

276 100

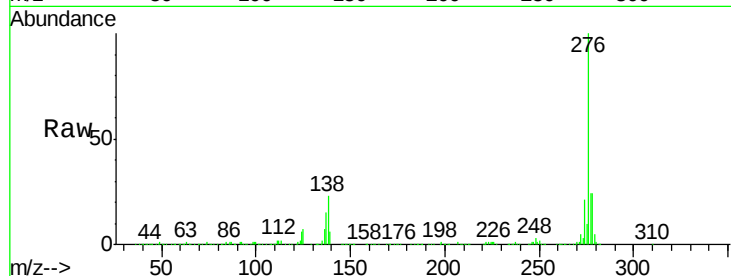
138 25.2 20.6 30.8

277 24.6 20.1 30.1

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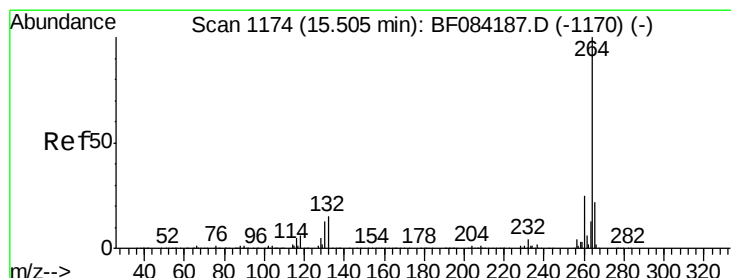
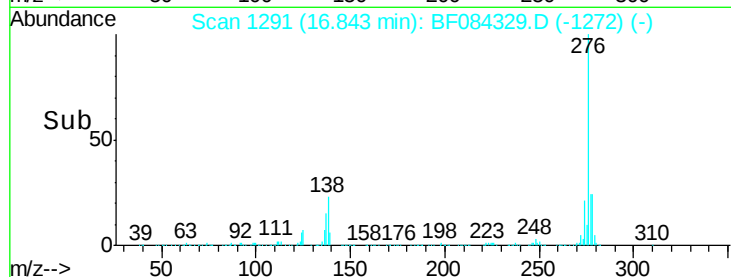
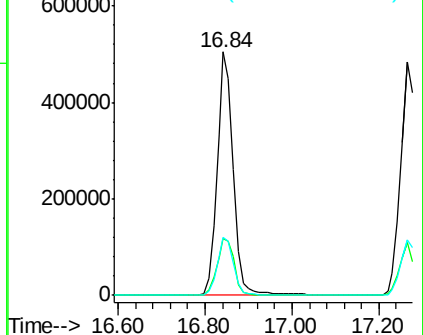
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Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.45 min Scan# 1169

Delta R.T. -0.06 min

Lab File: BF084329.D

Acq: 8 Jan 2016 15:50

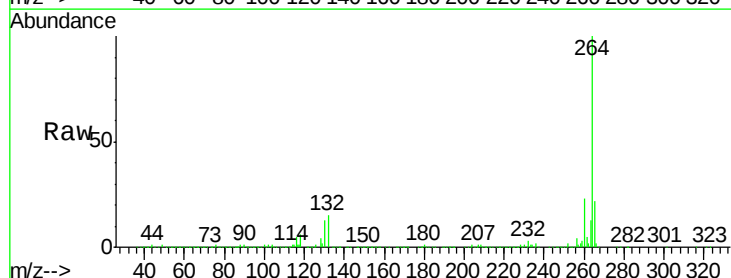
Tgt Ion:264 Resp: 580044

Ion Ratio Lower Upper

264 100

260 23.5 19.4 29.2

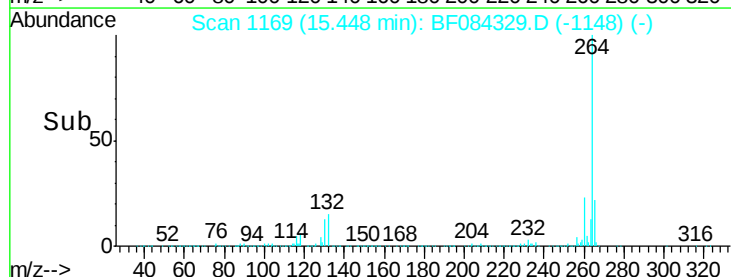
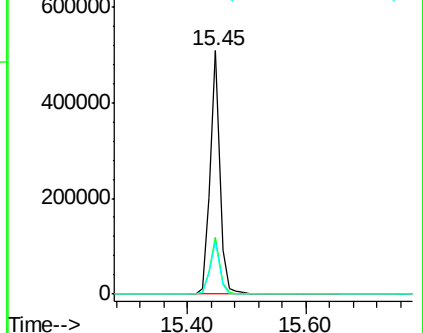
265 21.5 17.8 26.6

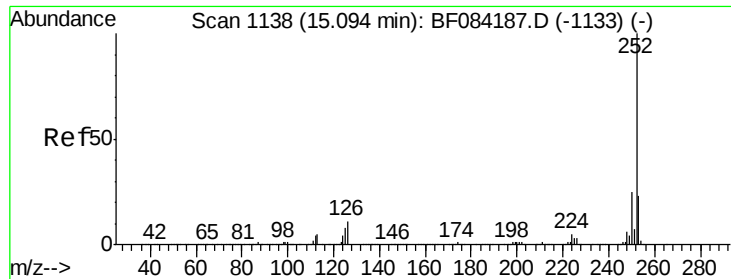


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 48.97 ng m

RT: 15.04 min Scan# 1133

Delta R.T. -0.06 min

Lab File: BF084329.D

Acq: 8 Jan 2016 15:50

Instrument :

BNA_F

ClientSampleId :

PB87668BS

Tot Ion:252 Resp: 1858148

Ion Ratio Lower Upper

252 100

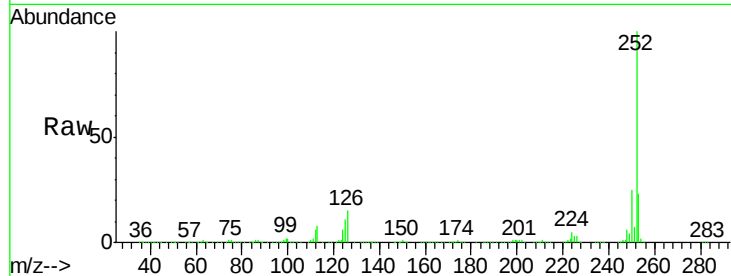
253 23.0 17.3 25.9

125 11.2 6.5 9.7#

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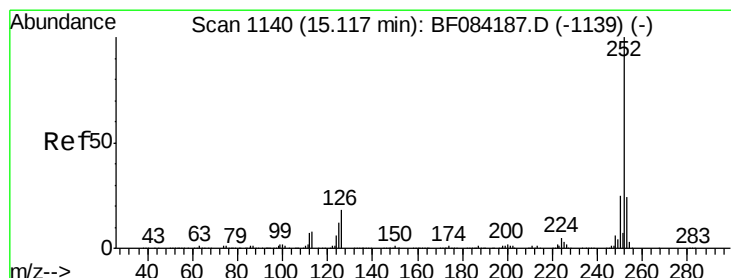
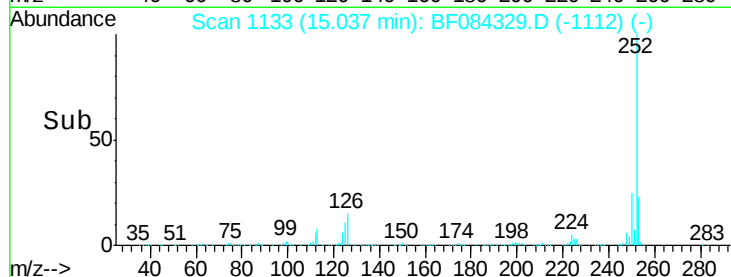
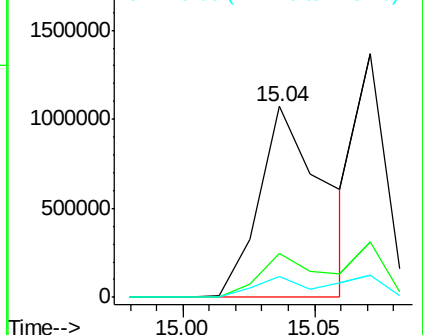
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 35.39 ng m

RT: 15.07 min Scan# 1136

Delta R.T. -0.05 min

Lab File: BF084329.D

Acq: 8 Jan 2016 15:50

Tgt Ion:252 Resp: 1098290

Ion Ratio Lower Upper

252 100

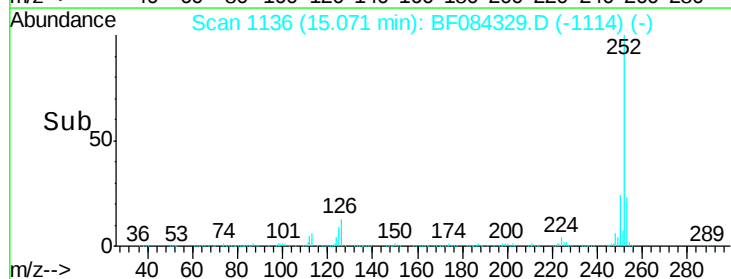
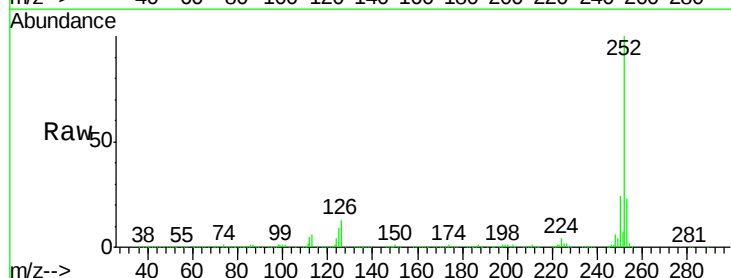
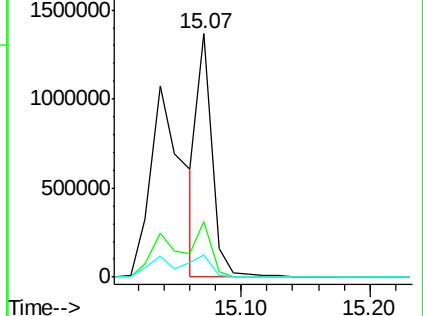
253 22.8 18.1 27.1

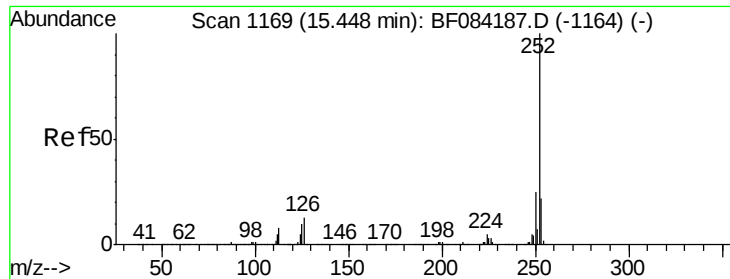
125 9.2 9.0 13.6

Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





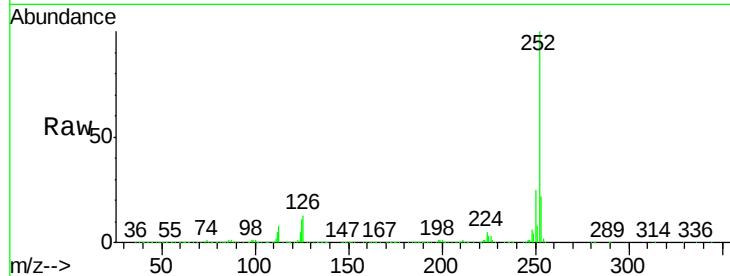
#89
Benzo(a)pyrene
Concen: 41.96 ng
RT: 15.39 min Scan# 1164
Delta R.T. -0.06 min
Lab File: BF084329.D
Acq: 8 Jan 2016 15:50

Instrument :
BNA_F
ClientSampleId :
PB87668BS

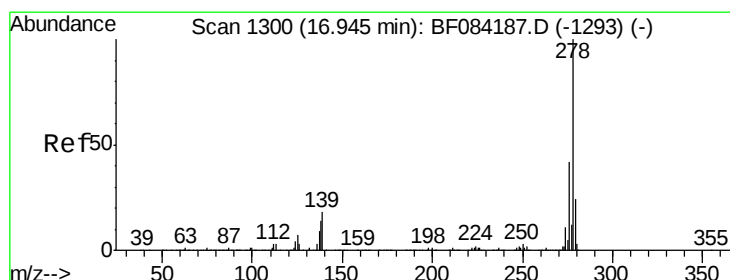
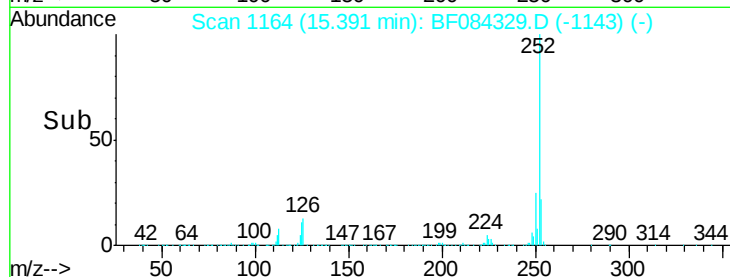
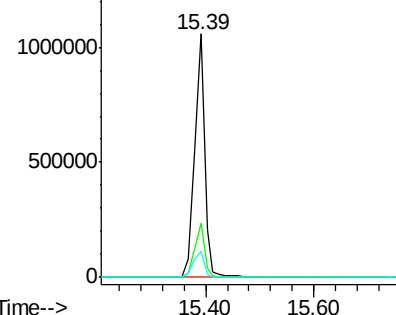
Tot Ion:252 Resp: 1350563
Ion Ratio Lower Upper
252 100
253 22.1 17.3 25.9
125 10.8 7.0 10.4#

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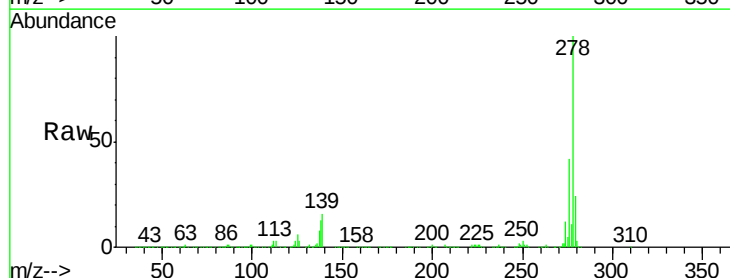


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

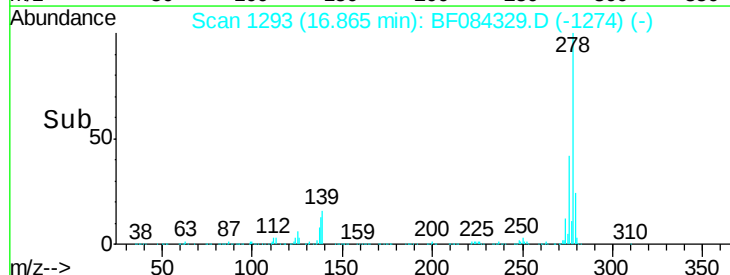
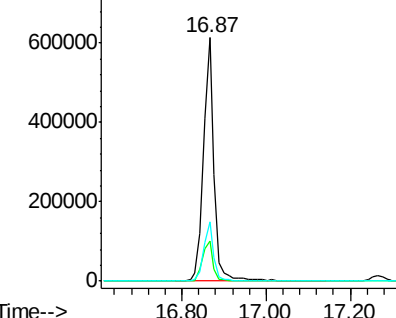


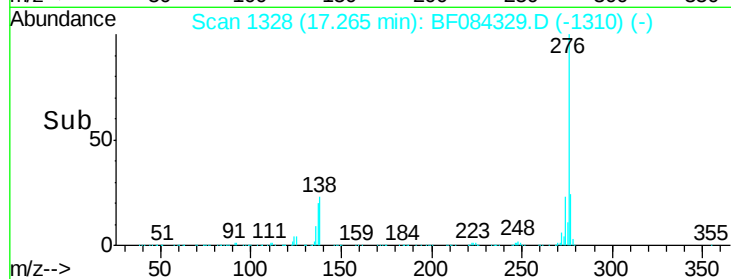
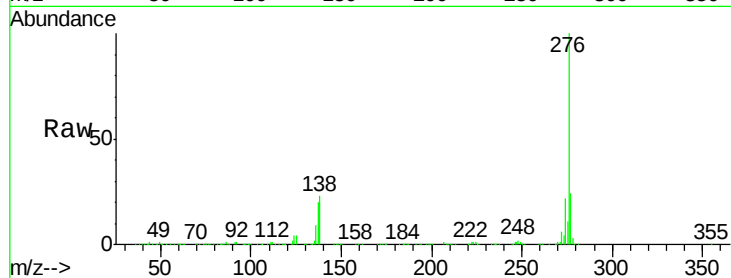
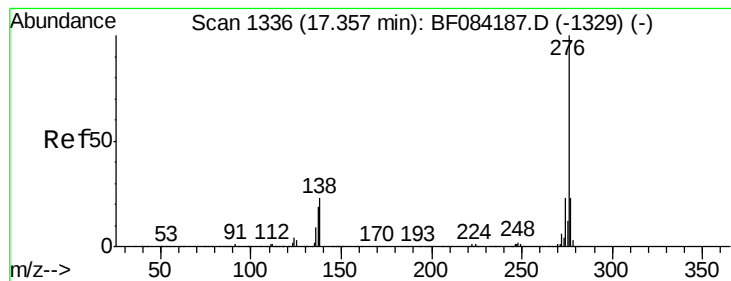
#90
Dibenzo(a,h)anthracene
Concen: 39.04 ng
RT: 16.87 min Scan# 1293
Delta R.T. -0.08 min
Lab File: BF084329.D
Acq: 8 Jan 2016 15:50

Tgt Ion:278 Resp: 1081223
Ion Ratio Lower Upper
278 100
139 16.2 15.0 22.4
279 24.4 18.9 28.3



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





#91
 Benzo(a,h,i)perylene
 Concen: 38.14 ng
 RT: 17.27 min Scan# 1328
 Delta R.T. -0.09 min
 Lab File: BF084329.D
 Acq: 8 Jan 2016 15:50

Instrument :
 BNA_F
 ClientSampleId :
 PB87668BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.8	28.2
138	22.8	17.8	26.6

Manual Integrations
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