

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123115\
 Data File : BF084209.D
 Acq On : 31 Dec 2015 21:54
 Operator : UM/SJ
 Sample : PB87627BS
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87627BS

Manual Integrations
 APPROVED

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 1/4/2016 4:29:04 PM

Quant Time: Jan 02 00:05:07 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 31 14:15:57 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	277819	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	1182841	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	538685	20.00	ng	-0.01
63) Phenanthrene-d10	11.43	188	981545	20.00	ng	0.00
75) Chrysene-d12	14.07	240	730757	20.00	ng	0.00
86) Perylene-d12	15.51	264	535804	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	1349201	78.55	ng	0.01
7) Phenol-d6	6.53	99	1907374	88.42	ng	0.00
23) Nitrobenzene-d5	7.47	82	1802183	84.80	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	443084	81.47	ng	-0.01
44) 2-Fluorobiphenyl	9.26	172	2522415	82.16	ng	0.00
78) Terphenyl-d14	13.01	244	2339134	71.45	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.61	88	306793	37.71	ng	# 71
3) Pyridine	3.34	79	925923	40.82	ng	# 74
4) n-Nitrosodimethylamine	3.30	42	490659	42.14	ng	78
6) Aniline	6.56	93	802016	25.41	ng	# 82
8) 2-Chlorophenol	6.68	128	814907	41.82	ng	87
9) Benzaldehyde	6.44	77	351283	25.01	ng	95
10) Phenol	6.54	94	1164711	47.49	ng	85
11) bis(2-Chloroethyl)ether	6.64	93	776708	40.88	ng	# 81
12) 1,3-Dichlorobenzene	6.84	146	865104m	43.03	ng	
13) 1,4-Dichlorobenzene	6.92	146	883196	43.81	ng	94
14) 1,2-Dichlorobenzene	7.07	146	772927	40.04	ng	97
15) Benzyl Alcohol	7.05	79	813509	44.83	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.18	45	1418776	41.01	ng	84
17) 2-Methylphenol	7.15	107	709898	43.47	ng	96
18) Hexachloroethane	7.41	117	336954	41.80	ng	92
19) n-Nitroso-di-n-propylamine	7.32	70	638208	43.70	ng	# 72
20) 3+4-Methylphenols	7.31	107	842897	43.91	ng	# 80
22) Acetophenone	7.31	105	1106511	38.90	ng	# 82
24) Nitrobenzene	7.48	77	828358	38.43	ng	96
25) Isophorone	7.72	82	1677624	41.27	ng	97
26) 2-Nitrophenol	7.80	139	418372	42.65	ng	# 81
27) 2,4-Dimethylphenol	7.84	122	806938	40.64	ng	96
28) bis(2-Chloroethoxy)methane	7.94	93	1014828	40.87	ng	98
29) 2,4-Dichlorophenol	8.04	162	687809	41.58	ng	97
30) 1,2,4-Trichlorobenzene	8.13	180	732390	42.89	ng	# 95
31) Naphthalene	8.21	128	2408787	44.89	ng	99
32) Benzoic acid	7.95	122	486891	39.40	ng	91
33) 4-Chloroaniline	8.26	127	384847	15.64	ng	# 91
34) Hexachlorobutadiene	8.33	225	399161	40.66	ng	97
35) Caprolactam	8.62	113	224131	40.19	ng	# 37
36) 4-Chloro-3-methylphenol	8.74	107	788308	42.55	ng	96
37) 2-Methylnaphthalene	8.90	142	1488620	38.64	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	673428	43.49	ng	98
40) Hexachlorocyclopentadiene	9.06	237	864070	92.43	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	478277	41.28	nq	96
43) 2,4,5-Trichlorophenol	9.22	196	501234	45.13	nq #	93
45) 1,1'-Biphenyl	9.37	154	1904954	44.49	nq	100
46) 2-Chloronaphthalene	9.39	162	1407586	41.86	nq	95
47) 2-Nitroaniline	9.48	65	476862	42.96	nq	97
48) Acenaphthylene	9.80	152	2109326	42.46	nq	97
49) Dimethylphthalate	9.68	163	1684792	43.75	nq #	91
50) 2,6-Dinitrotoluene	9.73	165	374493	44.34	nq	92
51) Acenaphthene	9.97	154	1551088	46.54	nq	97
52) 3-Nitroaniline	9.89	138	250206	23.91	nq #	87
53) 2,4-Dinitrophenol	10.00	184	285613	79.41	nq #	77
54) Dibenzofuran	10.16	168	2007174	46.61	nq	98
55) 4-Nitrophenol	10.05	139	603925	79.49	nq #	78
56) 2,4-Dinitrotoluene	10.13	165	553836	51.81	nq #	84
57) Fluorene	10.49	166	1417279	42.32	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.27	232	417762	44.05	nq	89
59) Diethylphthalate	10.37	149	1758539	46.31	nq	96
60) 4-Chlorophenyl-phenylether	10.49	204	719933	52.43	nq	99
61) 4-Nitroaniline	10.51	138	409329	43.87	nq	93
62) Azobenzene	10.65	77	1937349	46.52	nq	93
64) 4,6-Dinitro-2-methylphenol	10.53	198	228681	38.15	nq #	68
65) n-Nitrosodiphenylamine	10.60	169	1251359	39.87	nq	99
66) 4-Bromophenyl-phenylether	10.98	248	483459	45.76	nq	95
67) Hexachlorobenzene	11.04	284	467623	39.33	nq #	79
68) Atrazine	11.14	200	470001	45.76	nq	90
69) Pentachlorophenol	11.23	266	519059	84.19	nq	99
70) Phenanthrene	11.45	178	2246930	43.76	nq	96
71) Anthracene	11.51	178	2253207	44.77	nq	96
72) Carbazole	11.65	167	1918168	38.98	nq	98
73) Di-n-butylphthalate	12.00	149	2551413	50.23	nq #	95
74) Fluoranthene	12.64	202	2117473	39.48	nq	97
76) Benzidine	12.76	184	700300	26.73	nq	99
77) Pyrene	12.87	202	2149971	37.49	nq	97
79) Butylbenzylphthalate	13.49	149	1108413	44.67	nq #	97
80) Benzo(a)anthracene	14.05	228	1657582	38.63	nq	99
81) 3,3'-Dichlorobenzidine	14.02	252	371100	24.78	nq #	97
82) Chrysene	14.09	228	1535809	37.25	nq	98
83) Bis(2-ethylhexyl)phthalate	14.05	149	1299286	41.44	nq #	96
84) Di-n-octyl phthalate	14.66	149	2034289	38.44	nq #	86
85) Indeno(1,2,3-cd)pyrene	16.92	276	1403695	42.95	nq	99
87) Benzo(b)fluoranthene	15.08	252	1659646m	47.35	nq	
88) Benzo(k)fluoranthene	15.12	252	1069614m	37.31	nq	
89) Benzo(a)pyrene	15.44	252	1301294	43.77	nq #	95
90) Dibenzo(a,h)anthracene	16.95	278	1144339	44.73	nq	95
91) Benzo(g,h,i)perylene	17.35	276	1191956	44.99	nq	97

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

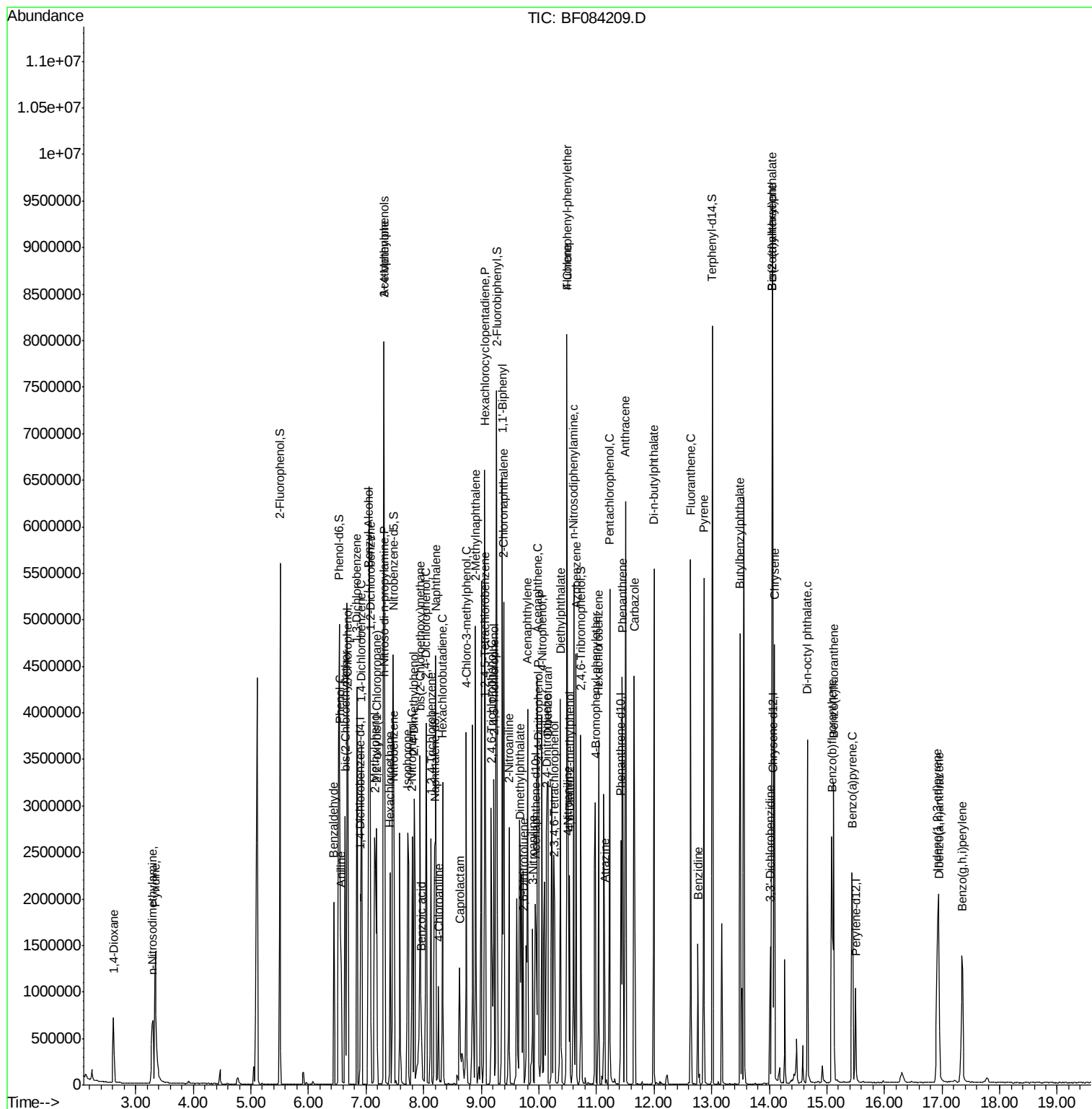
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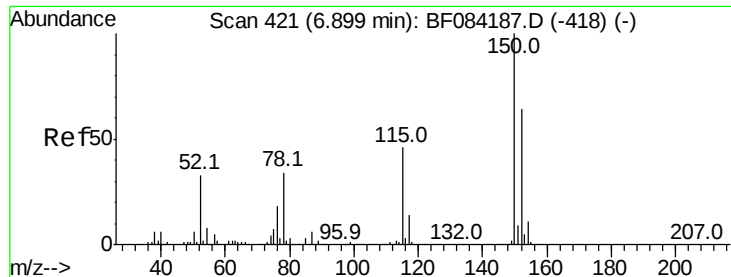
Instrument :
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Client Sample ID :
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#1

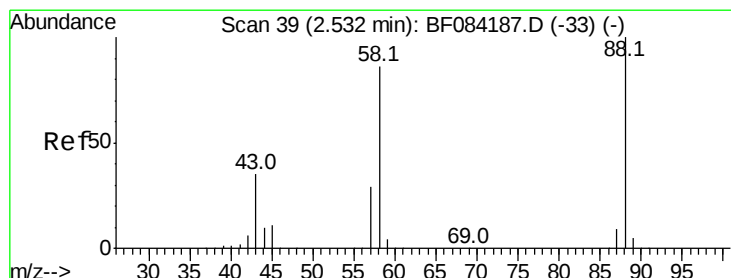
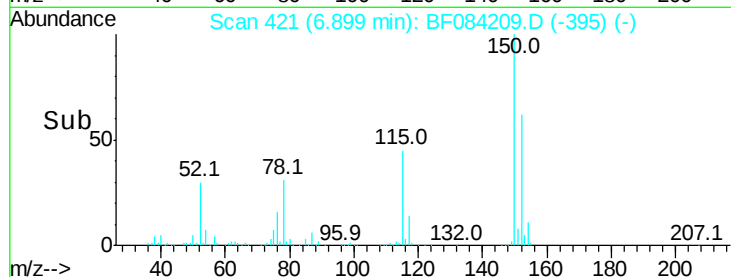
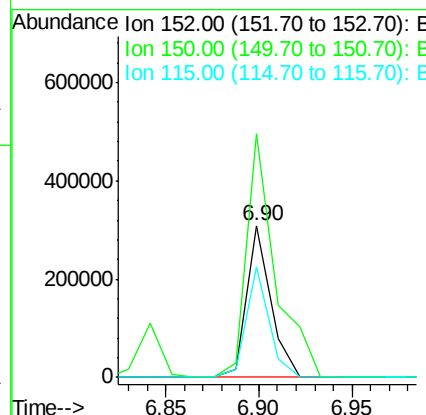
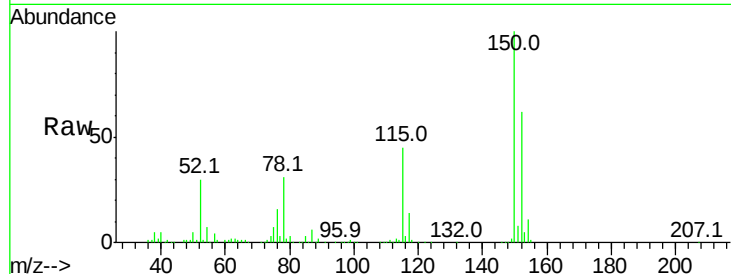
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 421
Delta R.T. 0.00 min
Lab File: BF084209.D
Acq: 31 Dec 2015 21:54

Instrument :
BNA_F
ClientSampleId :
PB87627BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.6	123.0	184.4
115	72.7	51.4	77.2

Manual Integrations
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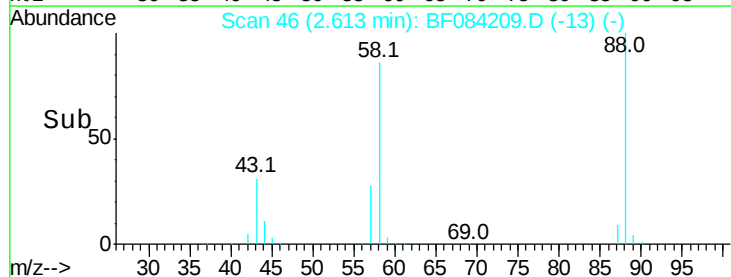
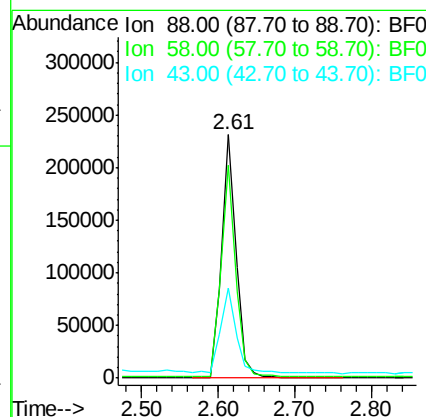
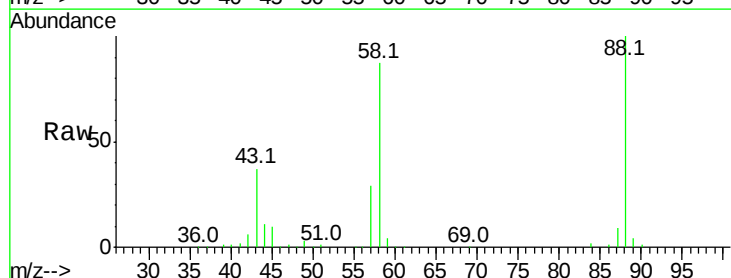
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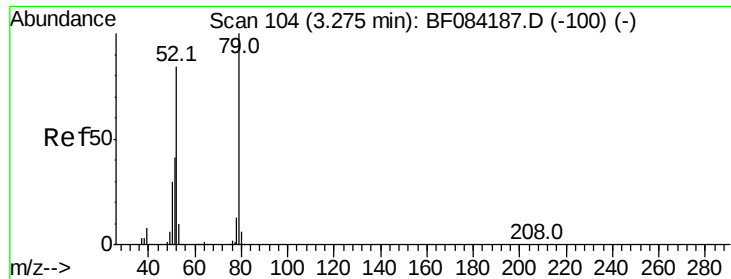


#2

1,4-Dioxane
Concen: 37.71 ng
RT: 2.61 min Scan# 46
Delta R.T. 0.08 min
Lab File: BF084209.D
Acq: 31 Dec 2015 21:54

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.7	51.2	76.8#
43	39.2	19.5	29.3#





#3

Pvridine

Concen: 40.82 ng

RT: 3.34 min Scan# 110

Delta R.T. 0.07 min

Lab File: BF084209.D

Acq: 31 Dec 2015 21:54

Instrument :

BNA_F

ClientSampleId :

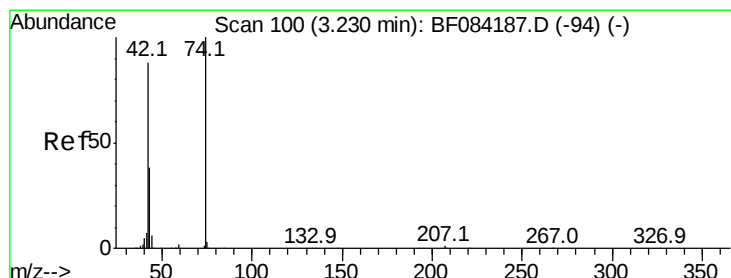
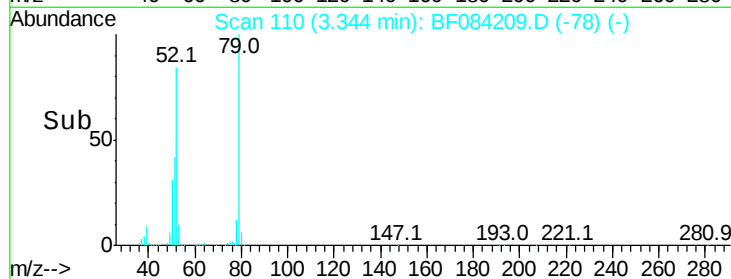
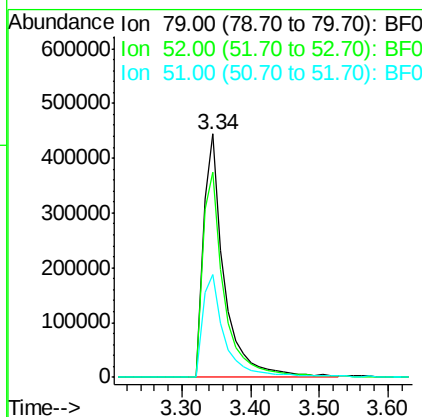
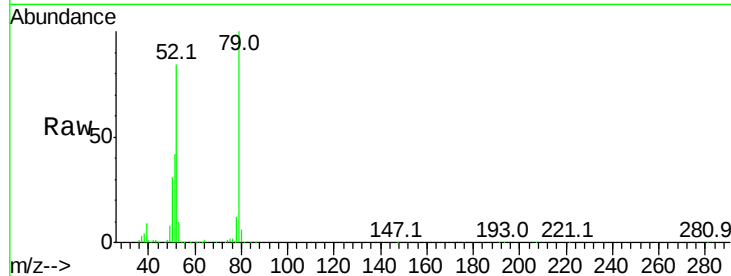
PB87627BS

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
52	84.0	49.0	73.4#		
51	42.1	25.2	37.8#		



#4

n-Nitrosodimethylamine

Concen: 42.14 ng

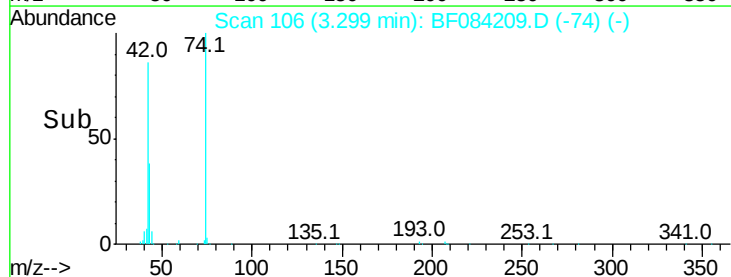
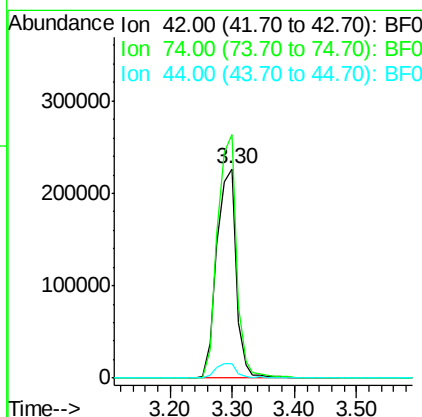
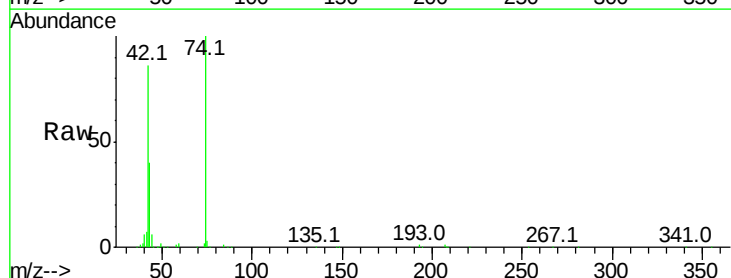
RT: 3.30 min Scan# 106

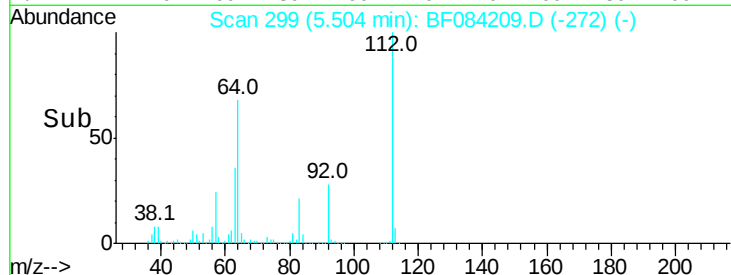
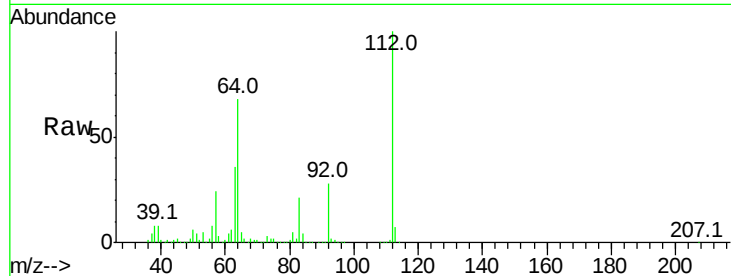
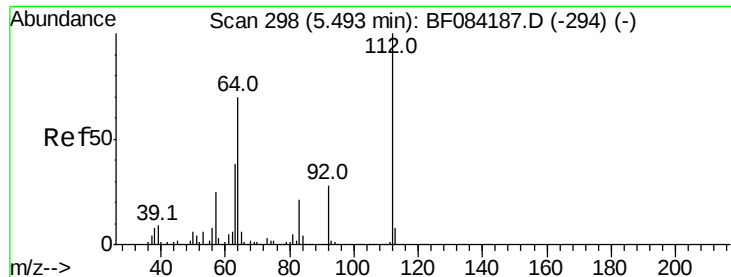
Delta R.T. 0.07 min

Lab File: BF084209.D

Acq: 31 Dec 2015 21:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100				
74	116.3	115.7	173.5		
44	7.1	5.1	7.7		





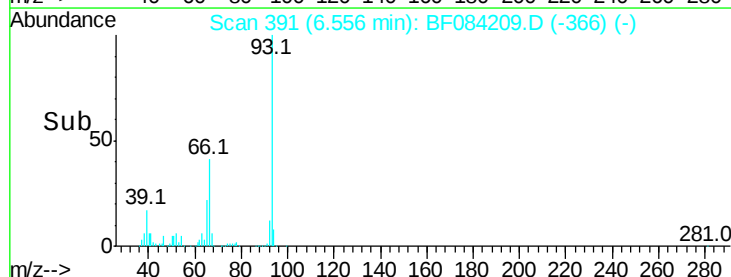
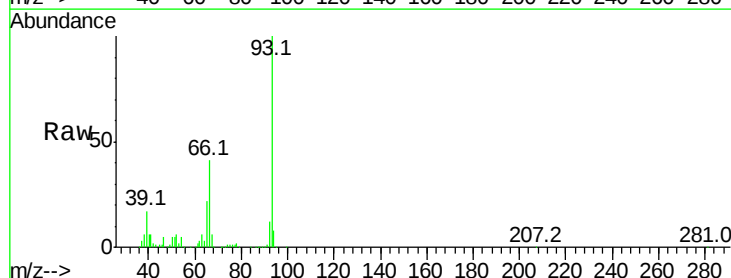
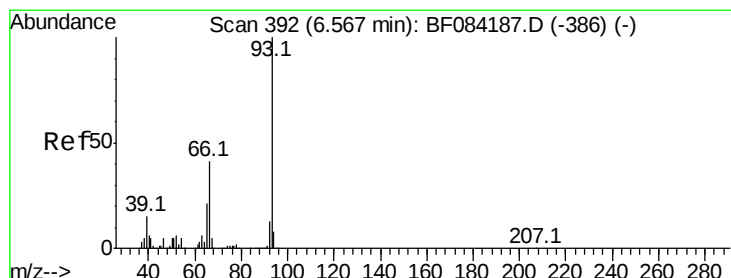
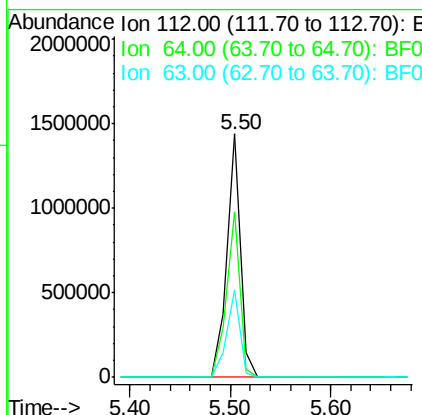
#5
2-Fluorophenol
Concen: 78.55 ng
RT: 5.50 min Scan# 299
Delta R.T. 0.01 min
Lab File: BF084209.D
Acq: 31 Dec 2015 21:54

Tot Ion	Ratio	Resp	Lower	Upper
112	100	1349201		
64	68.0	36.6	55.0#	
63	35.9	19.4	29.0#	

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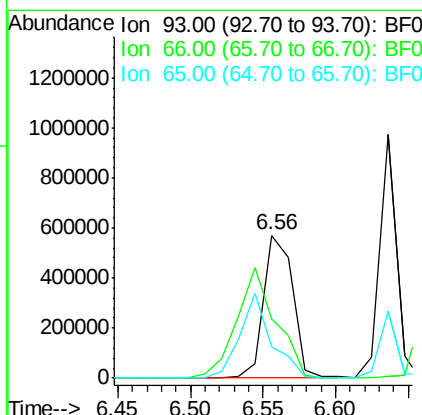
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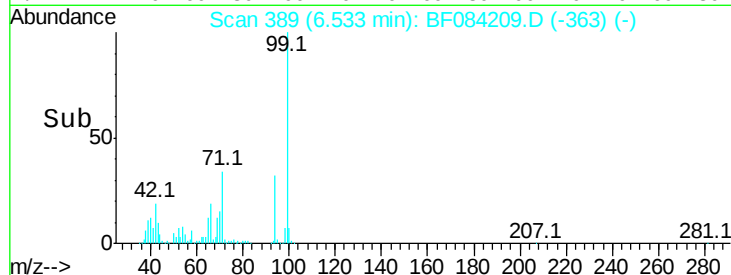
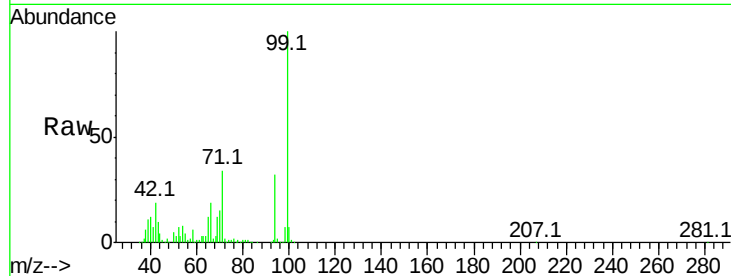
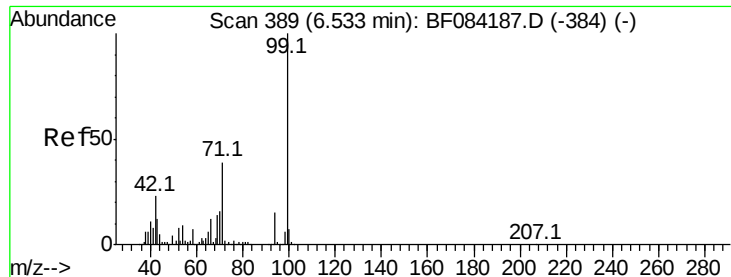
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#6
Aniline
Concen: 25.41 ng
RT: 6.56 min Scan# 391
Delta R.T. -0.01 min
Lab File: BF084209.D
Acq: 31 Dec 2015 21:54

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	802016		
66	41.5	44.9	67.3#	
65	22.0	23.7	35.5#	





#7

Phenol-d6

Concen: 88.42 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF084209.D

Acq: 31 Dec 2015 21:54

Tot Ion:	99	Resp:	1907374
Ion	Ratio	Lower	Upper
99	100		
42	19.5	12.8	19.2#
71	34.2	30.9	46.3

Instrument :

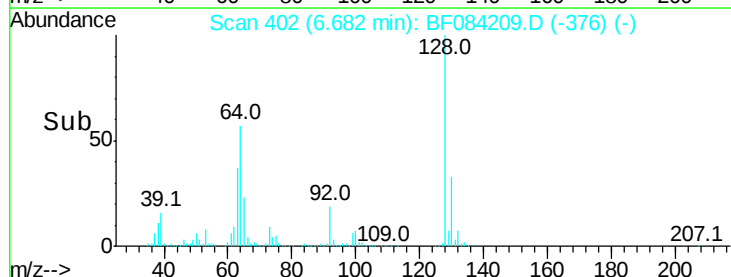
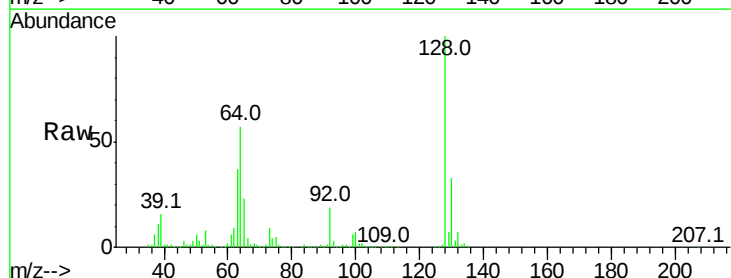
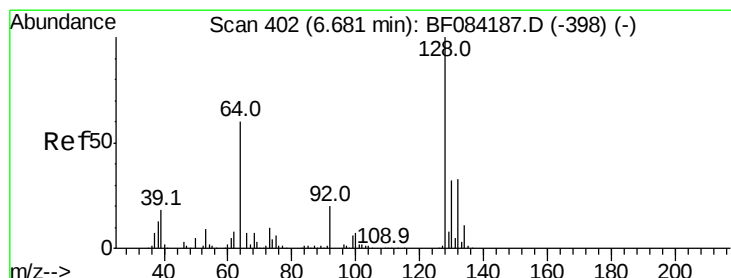
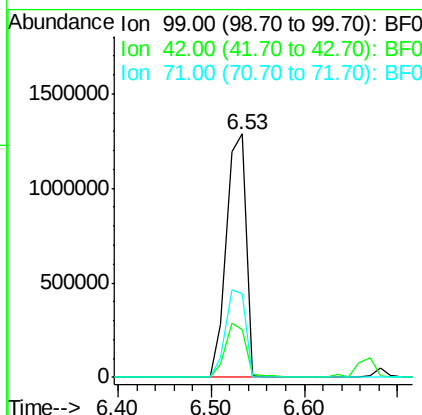
BNA_F

ClientSampleId :

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#8

2-Chlorophenol

Concen: 41.82 ng

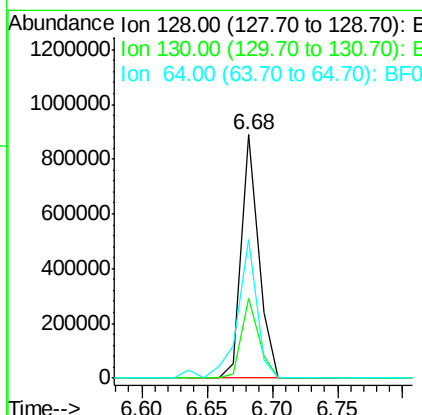
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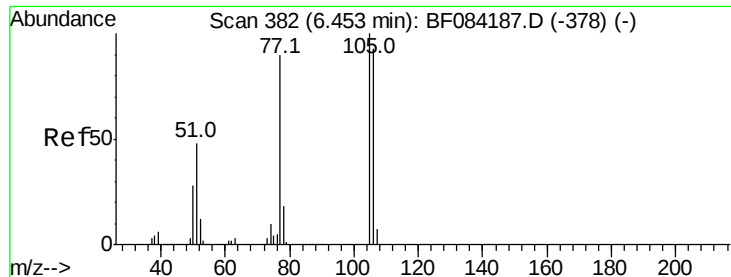
Delta R.T. 0.00 min

Lab File: BF084209.D

Acq: 31 Dec 2015 21:54

Tgt Ion:	128	Resp:	814907
Ion	Ratio	Lower	Upper
128	100		
130	33.0	11.6	51.6
64	57.2	23.8	63.8





#9

Benzaldehyde

Concen: 25.01 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF084209.D

Acq: 31 Dec 2015 21:54

Instrument :

BNA_F

ClientSampleId :

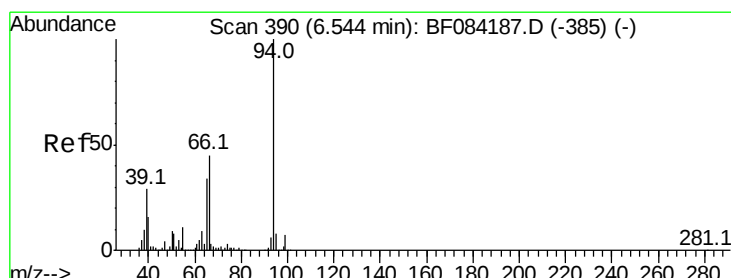
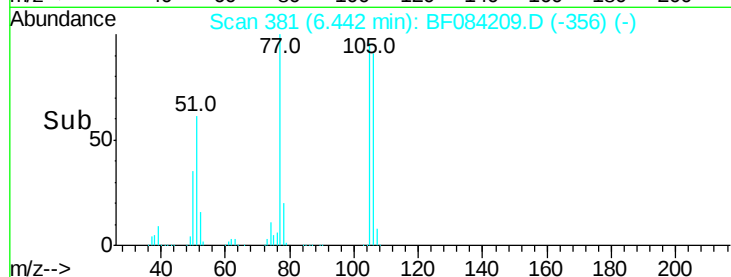
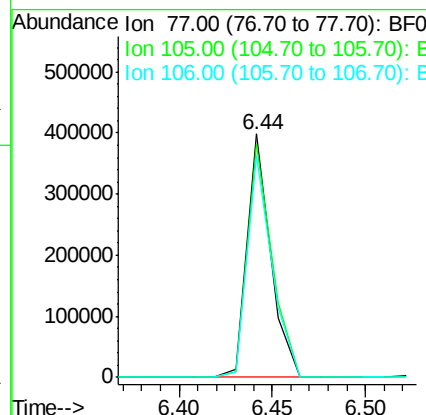
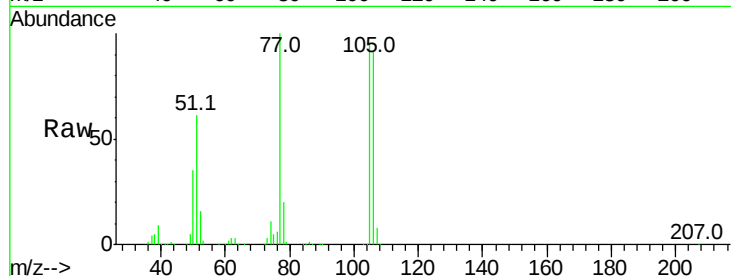
PB87627BS

Tot Ion: 77 Resp: 351283

Ion	Ratio	Lower	Upper
77	100		
105	95.8	83.0	123.0
106	91.2	74.6	114.6

Manual Integrations
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#10

Phenol

Concen: 47.49 ng

RT: 6.54 min Scan# 390

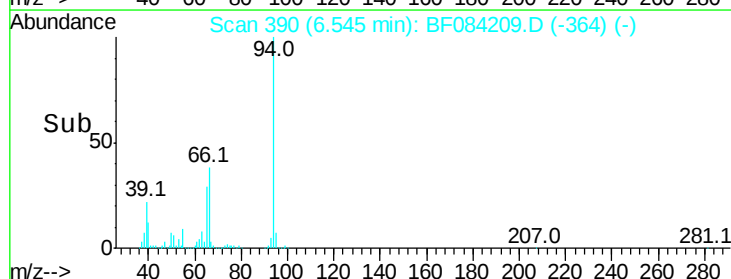
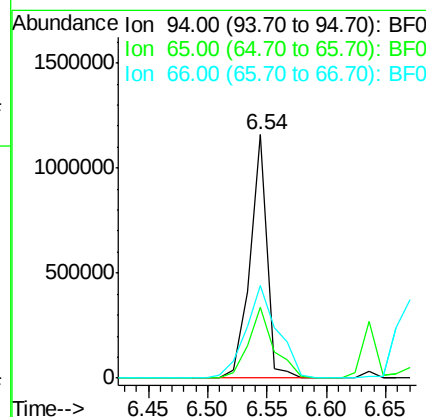
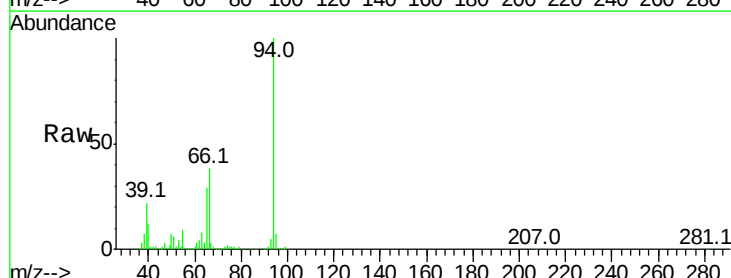
Delta R.T. 0.00 min

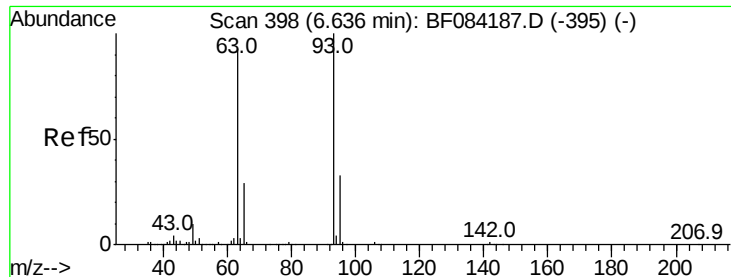
Lab File: BF084209.D

Acq: 31 Dec 2015 21:54

Tgt Ion: 94 Resp: 1164711

Ion	Ratio	Lower	Upper
94	100		
65	29.1	12.9	52.9
66	38.2	32.7	72.7





#11

bis(2-Chloroethyl)ether

Concen: 40.88 ng

RT: 6.64 min Scan# 398

Delta R.T. 0.00 min

Lab File: BF084209.D

Acq: 31 Dec 2015 21:54

Instrument :

BNA_F

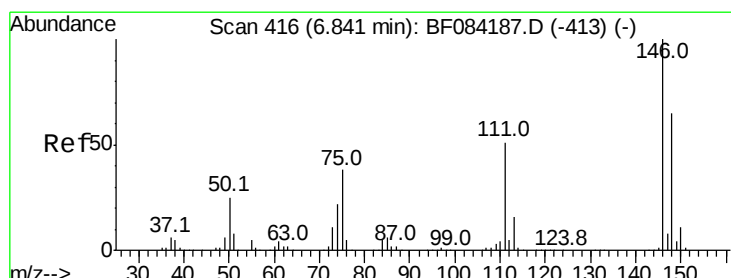
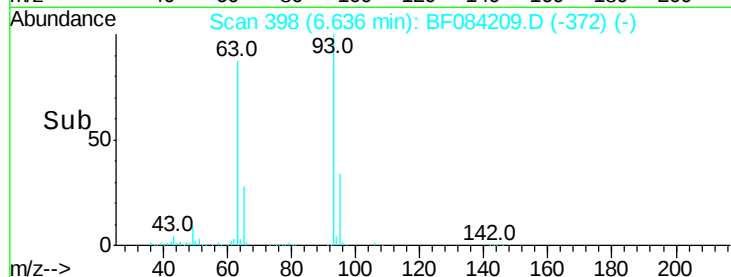
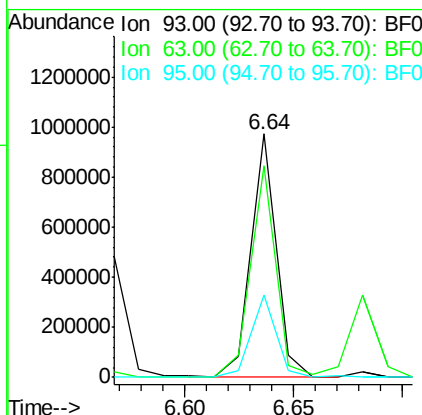
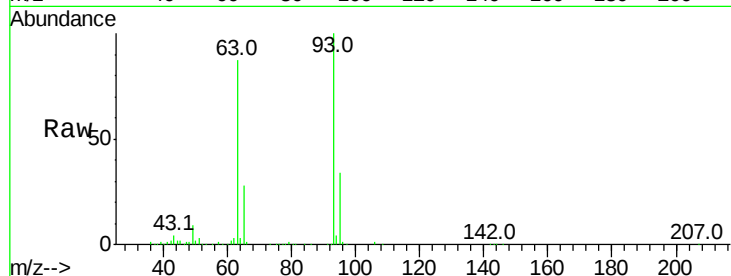
ClientSampleId :

PB87627BS

Tot Ion	93	Resp	776708
Ion	Ratio	Lower	Upper
93	100		
63	87.1	45.9	85.9#
95	33.7	12.3	52.3

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#12

1,3-Dichlorobenzene

Concen: 43.03 ng m

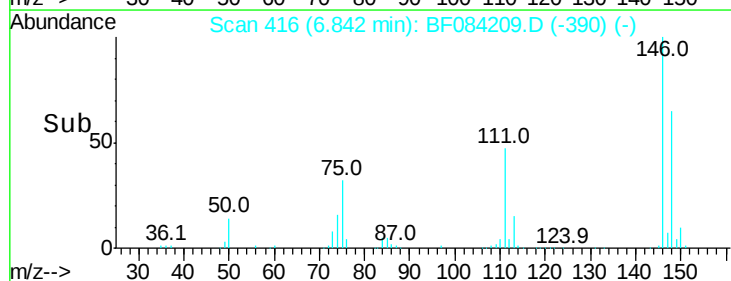
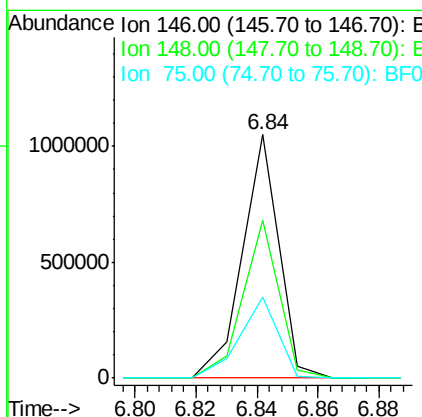
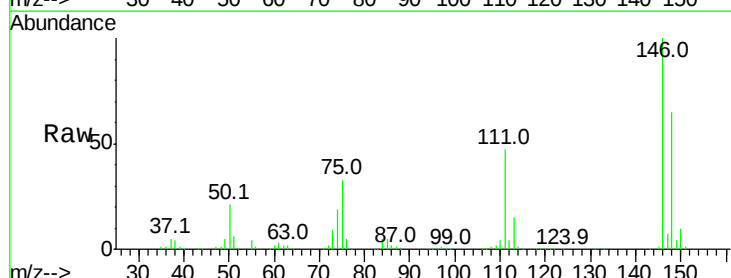
RT: 6.84 min Scan# 416

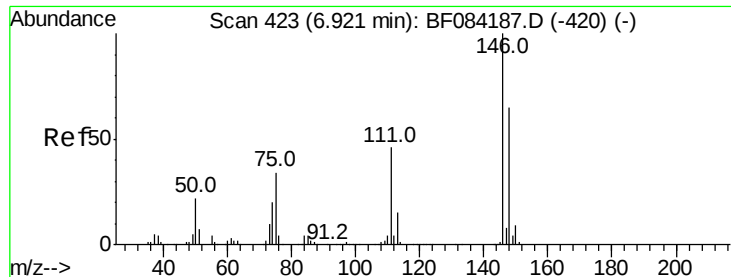
Delta R.T. 0.00 min

Lab File: BF084209.D

Acq: 31 Dec 2015 21:54

Tgt Ion	146	Resp	865104
Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.9	77.9
75	33.4	20.5	30.7#





#13

1,4-Dichlorobenzene

Concen: 43.81 ng

RT: 6.92 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF084209.D

Acq: 31 Dec 2015 21:54

Instrument :

BNA_F

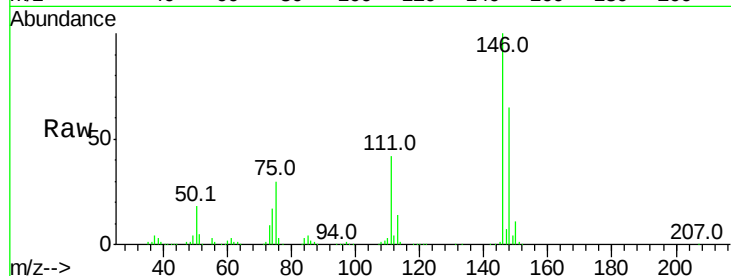
ClientSampleId :

PB87627BS

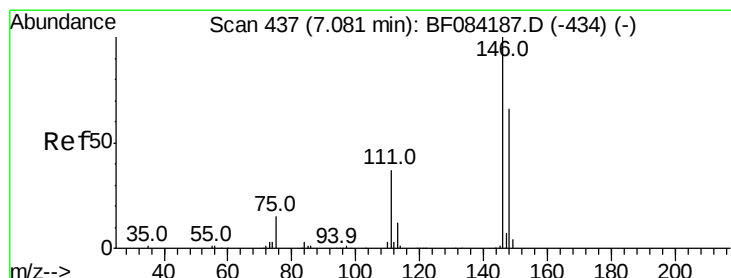
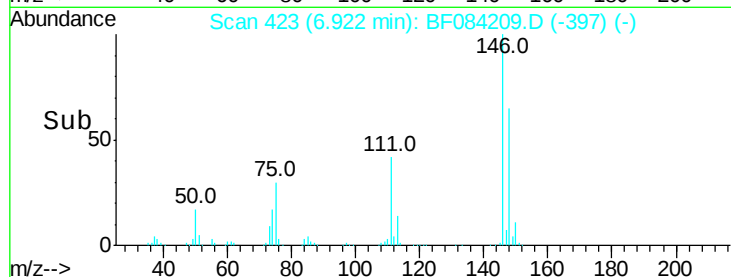
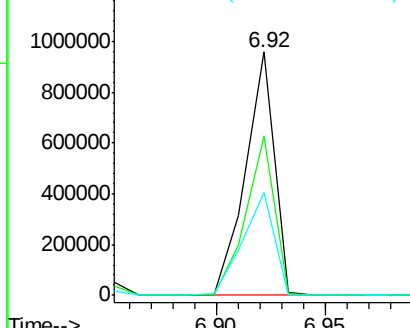
Tot Ion:	146	Resp:	883196
Ion Ratio	Lower	Upper	
146	100		
148	65.1	51.9	77.9
111	42.5	41.6	62.4

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.04 ng

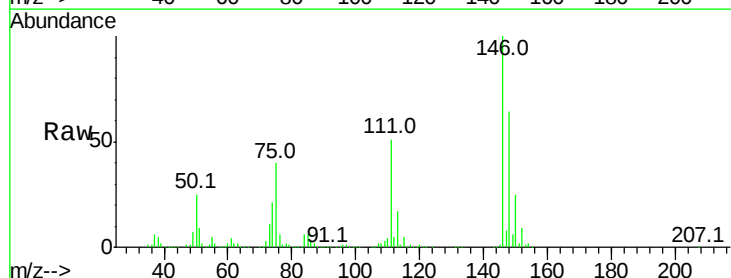
RT: 7.07 min Scan# 436

Delta R.T. -0.01 min

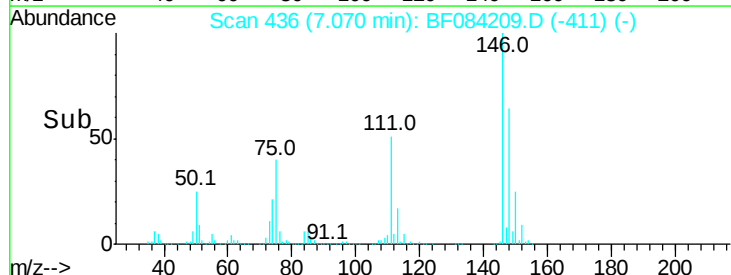
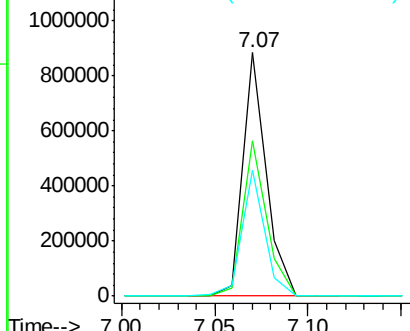
Lab File: BF084209.D

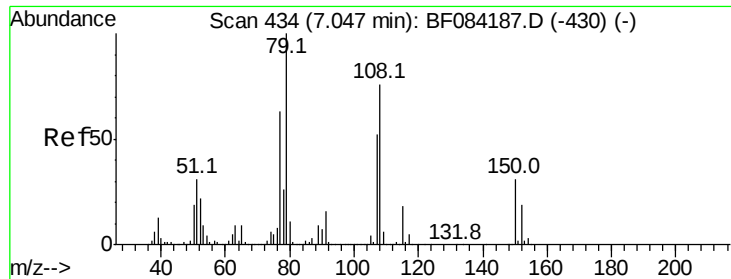
Acq: 31 Dec 2015 21:54

Tgt Ion:	146	Resp:	772927
Ion Ratio	Lower	Upper	
146	100		
148	63.7	51.6	77.4
111	51.5	38.0	57.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 44.83 ng

RT: 7.05 min Scan# 434

Delta R.T. 0.00 min

Lab File: BF084209.D

Acq: 31 Dec 2015 21:54

Instrument :

BNA_F

ClientSampleId :

PB87627BS

Tot Ion: 79 Resp: 813509

Ion Ratio Lower Upper

79 100

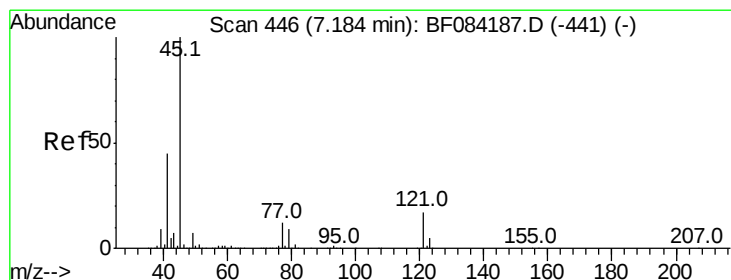
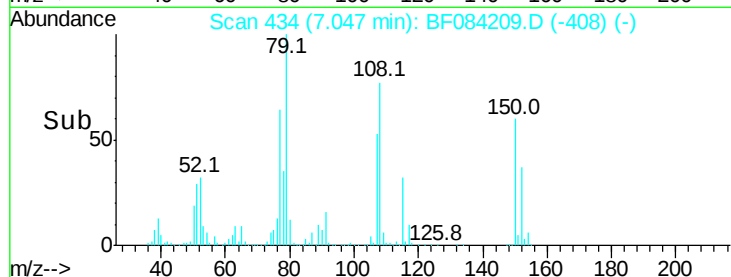
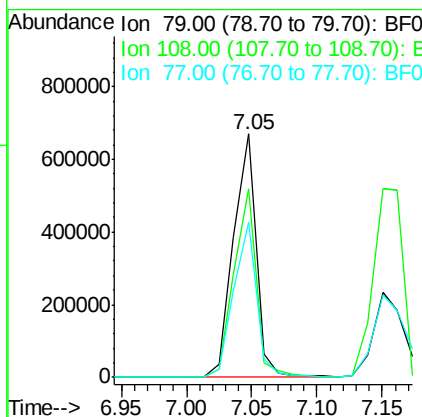
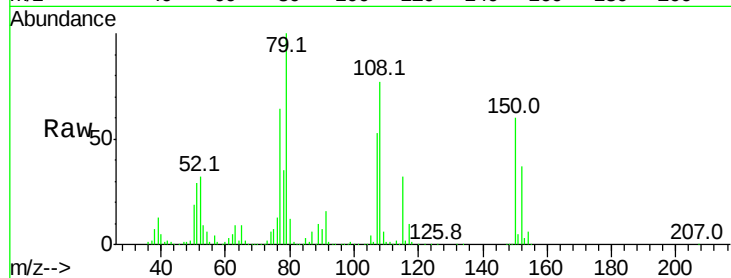
108 77.4 69.0 103.4

77 63.7 50.0 75.0

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#16

2,2'-oxybis(1-chloropropane)

Concen: 41.01 ng

RT: 7.18 min Scan# 446

Delta R.T. 0.00 min

Lab File: BF084209.D

Acq: 31 Dec 2015 21:54

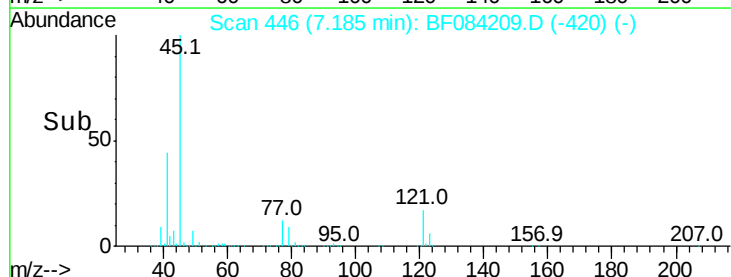
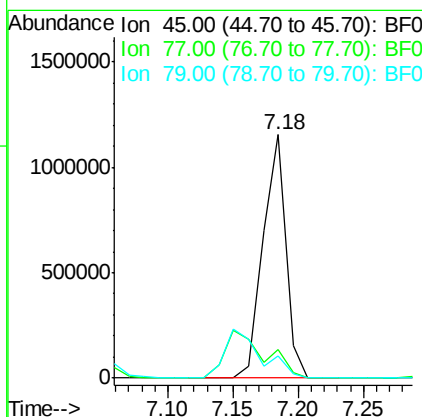
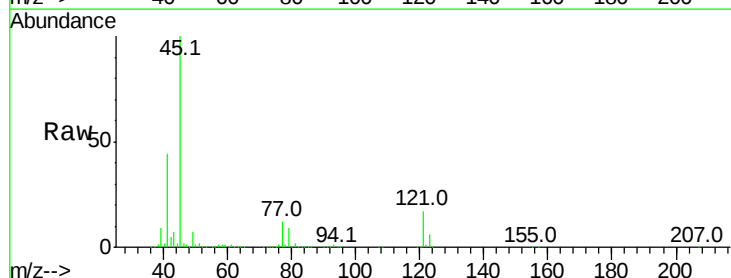
Tgt Ion: 45 Resp: 1418776

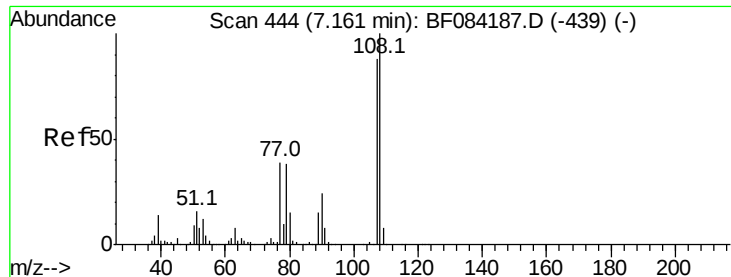
Ion Ratio Lower Upper

45 100

77 11.8 0.0 39.6

79 9.2 0.0 35.0





#17

2-Methylphenol

Concen: 43.47 ng

RT: 7.15 min Scan# 443

Delta R.T. -0.01 min

Lab File: BF084209.D

Acq: 31 Dec 2015 21:54

Instrument :

BNA_F

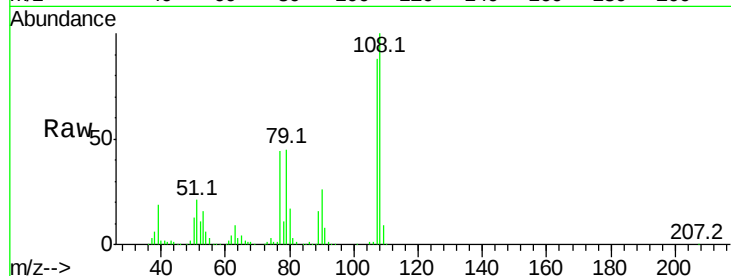
ClientSampleId :

PB87627BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	709898		
108	113.4	89.8	134.6	
77	49.7	35.7	53.5	
79	50.7	35.7	53.5	

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Abundance Ion 107.00 (106.70 to 107.70): E

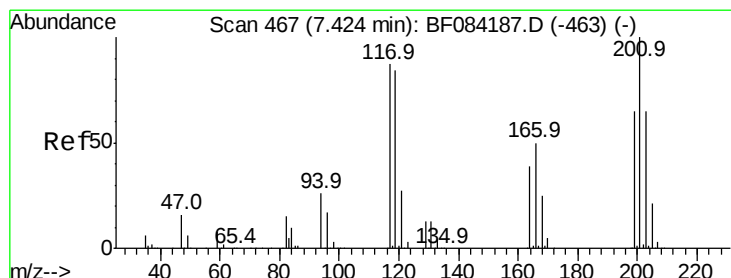
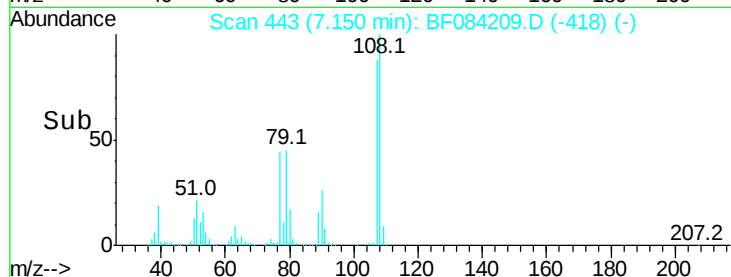
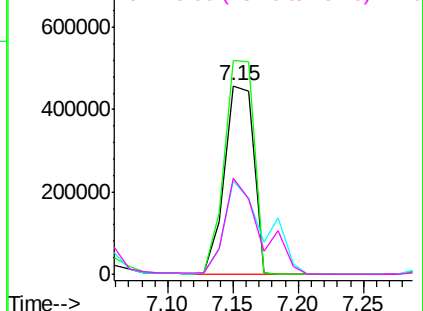
800000 Ion 108.00 (107.70 to 108.70): E

600000 Ion 77.00 (76.70 to 77.70): BF0

400000 Ion 79.00 (78.70 to 79.70): BF0

200000

0



#18

Hexachloroethane

Concen: 41.80 ng

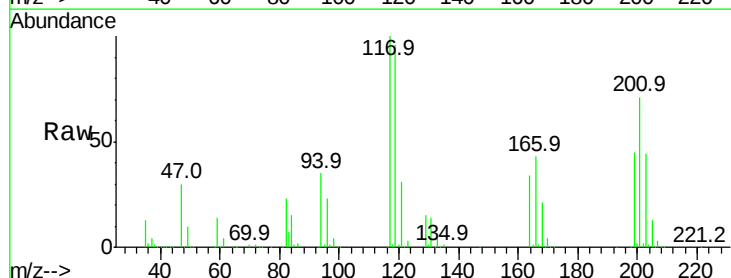
RT: 7.41 min Scan# 466

Delta R.T. -0.01 min

Lab File: BF084209.D

Acq: 31 Dec 2015 21:54

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	336954		
119	95.8	77.4	116.0	
201	71.1	68.6	103.0	



Abundance Ion 117.00 (116.70 to 117.70): E

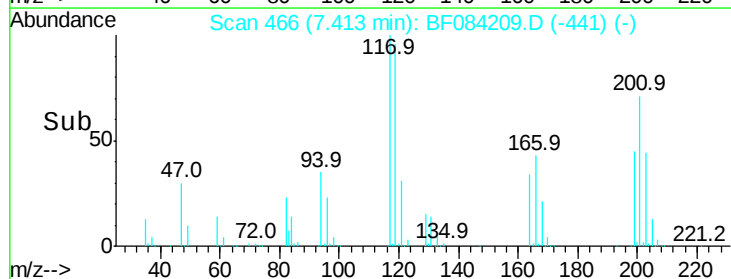
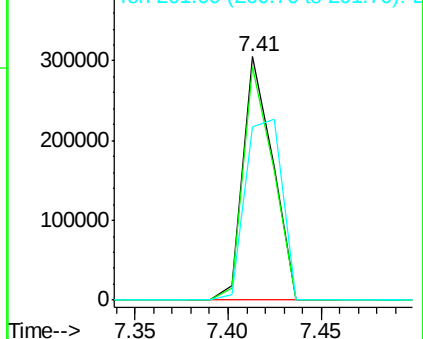
400000 Ion 119.00 (118.70 to 119.70): E

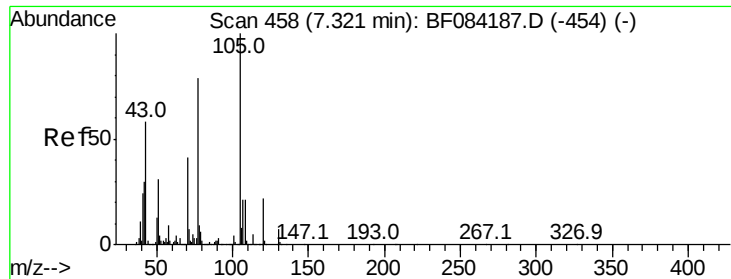
300000 Ion 201.00 (200.70 to 201.70): E

200000

100000

0





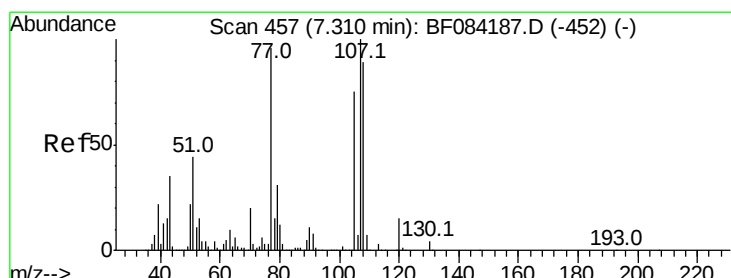
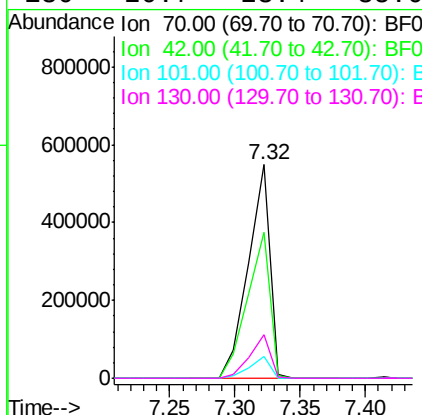
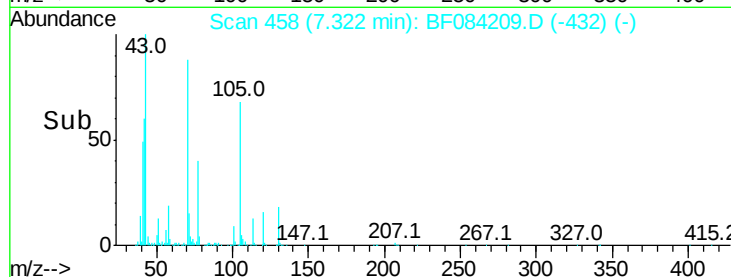
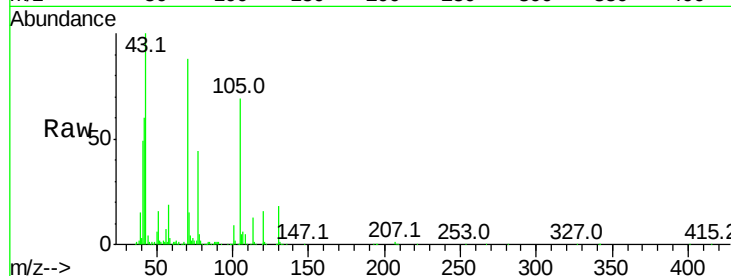
#19
n-Nitroso-di-n-propylamine
Concen: 43.70 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.00 min
Lab File: BF084209.D
Acq: 31 Dec 2015 21:54

Instrument :
BNA_F
ClientSampleId :
PB87627BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	68.3	33.3	49.9#
101	9.9	9.3	13.9
130	20.7	23.4	35.0#

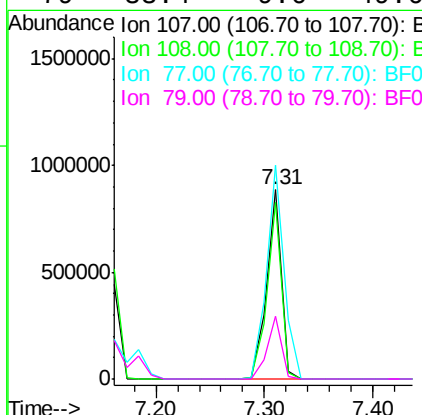
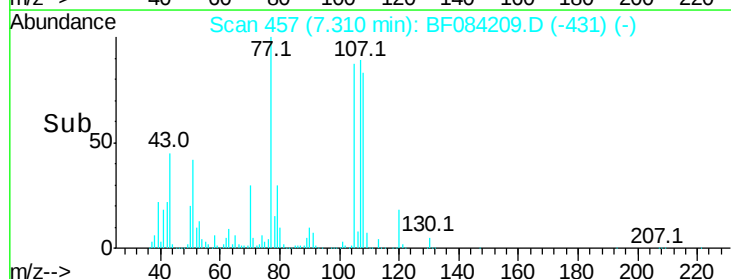
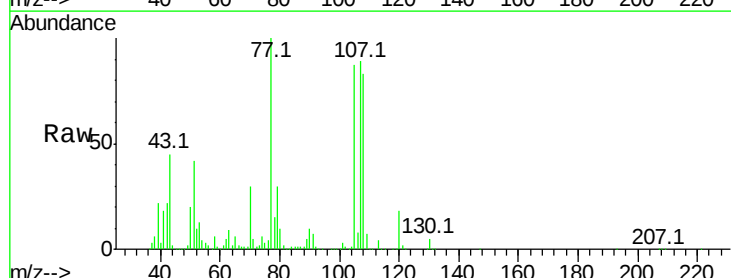
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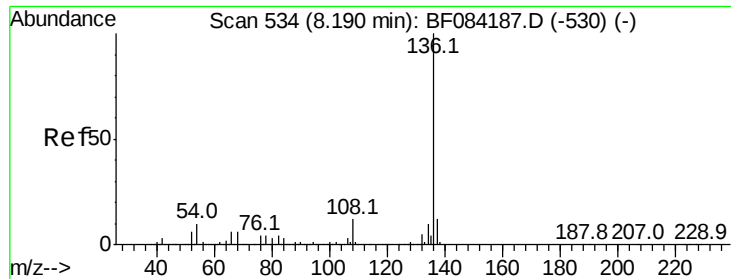
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#20
3+4-Methylphenols
Concen: 43.91 ng
RT: 7.31 min Scan# 457
Delta R.T. 0.00 min
Lab File: BF084209.D
Acq: 31 Dec 2015 21:54

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.6	64.1	104.1
77	113.0	128.9	168.9#
79	33.4	9.6	49.6





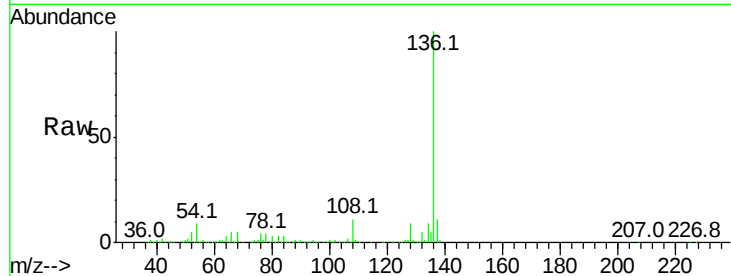
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 534
Delta R.T. 0.00 min
Lab File: BF084209.D
Acq: 31 Dec 2015 21:54

Instrument :
BNA_F
ClientSampleId :
PB87627BS

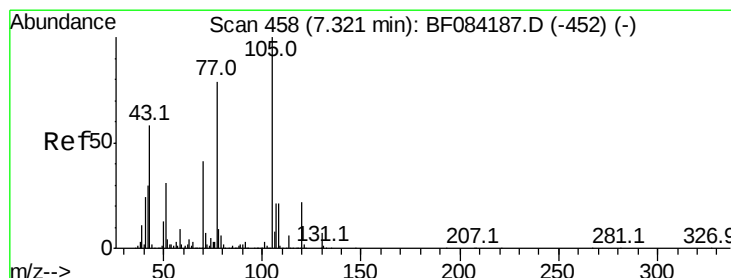
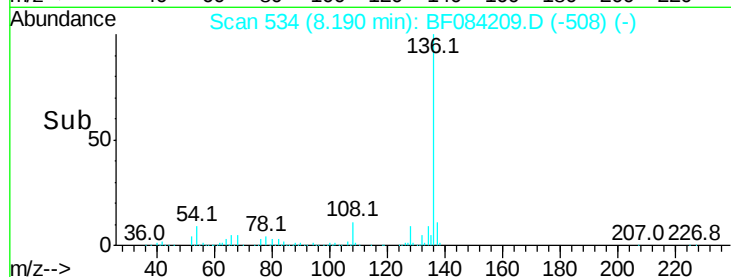
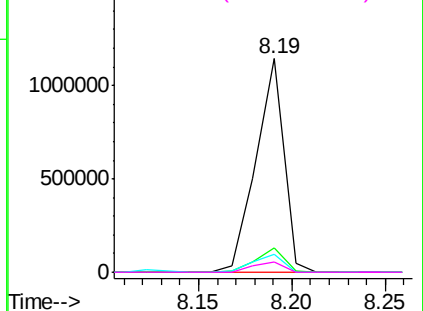
Tot Ion	Ratio	Resp	Lower	Upper
136	100	1182841		
137	11.1	8.7	13.1	
54	8.6	5.8	8.8	
68	5.1	4.2	6.2	

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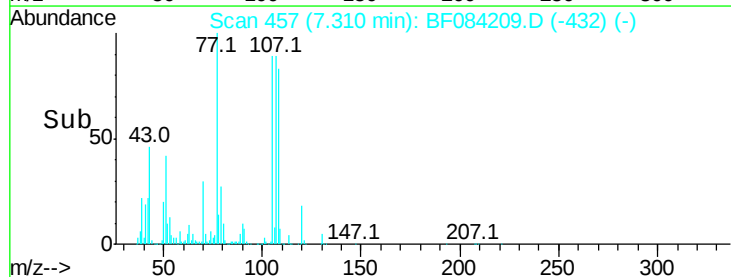
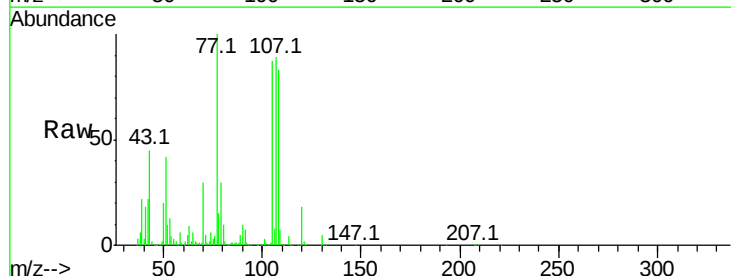
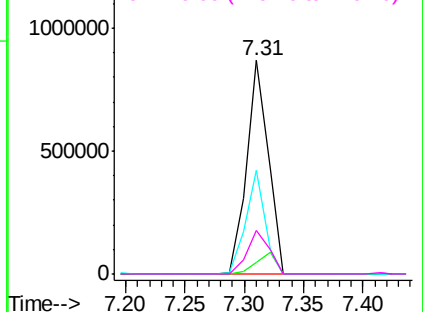
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

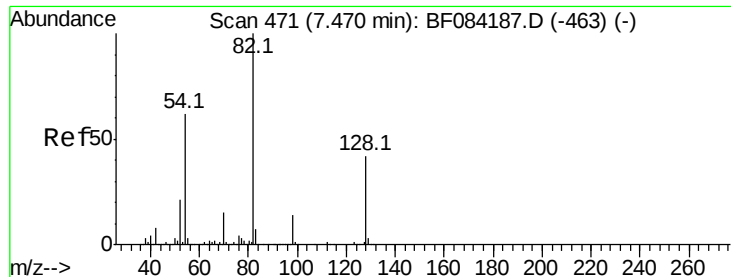


#22
Acetophenone
Concen: 38.90 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.01 min
Lab File: BF084209.D
Acq: 31 Dec 2015 21:54

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	1106511		
71	5.7	3.7	5.5#	
51	48.7	25.1	37.7#	
120	20.4	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: 84.80 ng

RT: 7.47 min Scan# 471

Delta R.T. 0.00 min

Lab File: BF084209.D

Acq: 31 Dec 2015 21:54

Instrument :

BNA_F

ClientSampleId :

PB87627BS

Tot Ion: 82 Resp: 1802183

Ion Ratio Lower Upper

82 100

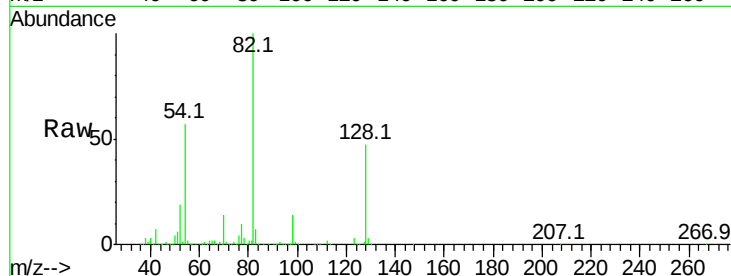
128 46.6 34.6 51.8

54 57.0 38.4 57.6

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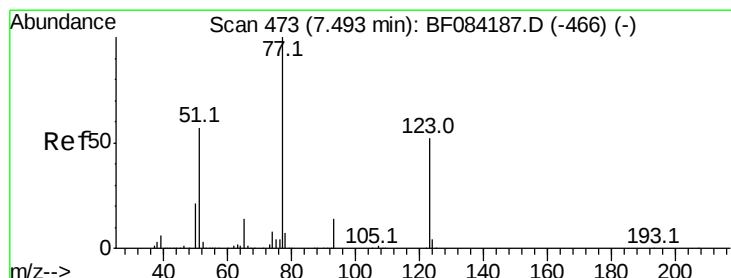
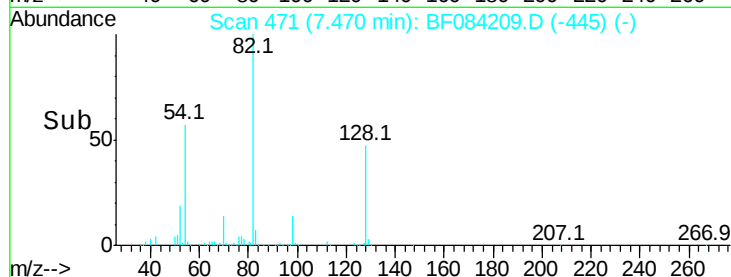
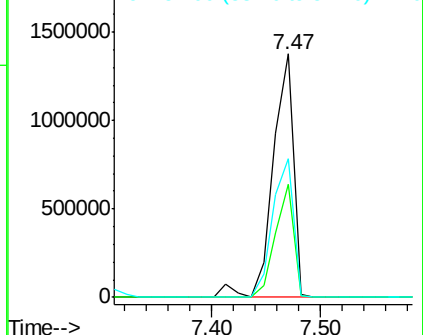
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Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 38.43 ng

RT: 7.48 min Scan# 472

Delta R.T. -0.01 min

Lab File: BF084209.D

Acq: 31 Dec 2015 21:54

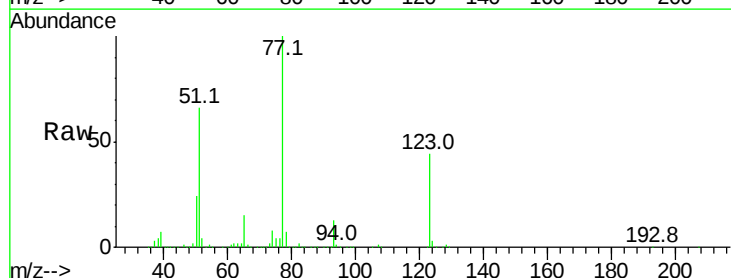
Tgt Ion: 77 Resp: 828358

Ion Ratio Lower Upper

77 100

123 43.8 37.4 56.2

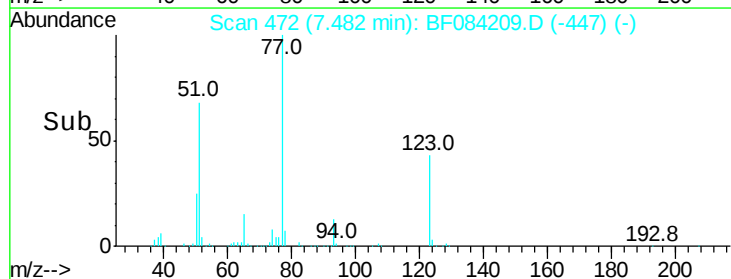
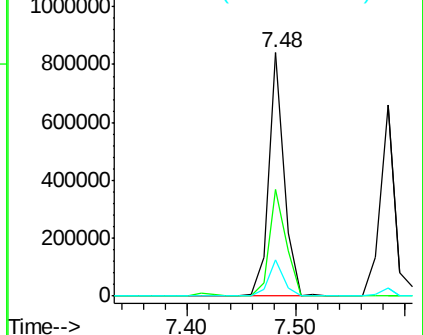
65 14.7 10.9 16.3

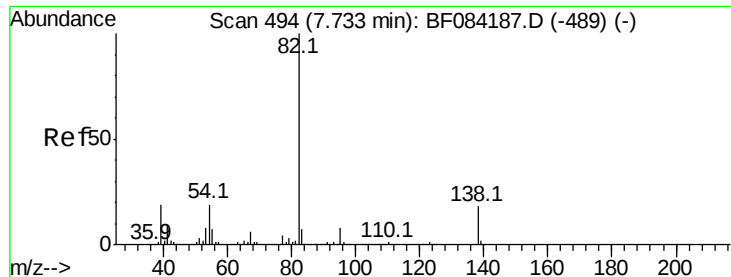


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 41.27 ng

RT: 7.72 min Scan# 493

Delta R.T. -0.01 min

Lab File: BF084209.D

Acq: 31 Dec 2015 21:54

Instrument :

BNA_F

ClientSampleId :

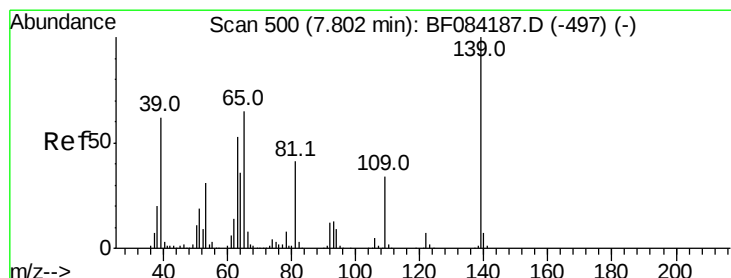
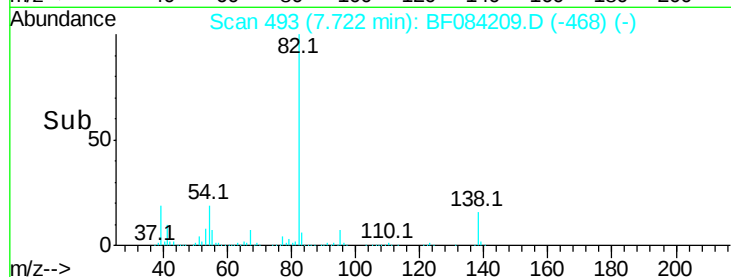
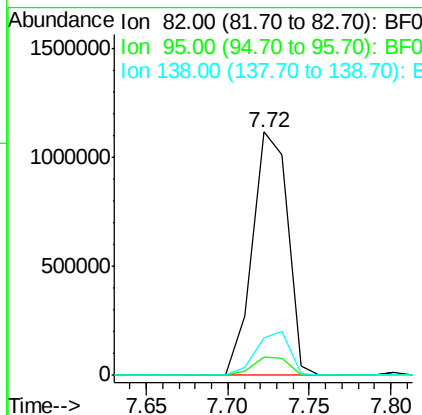
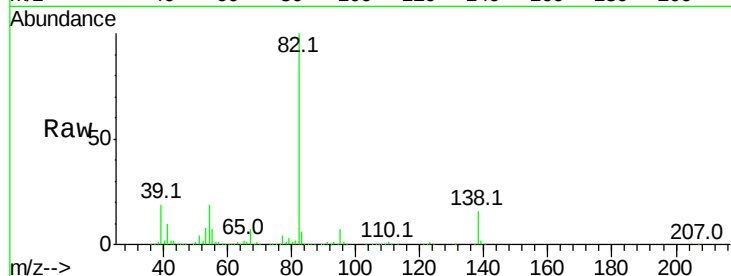
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Tot Ion:	82	Resp:	1677624
Ion	Ratio	Lower	Upper
82	100		
95	7.4	6.6	10.0
138	15.6	13.6	20.4



#26

2-Nitrophenol

Concen: 42.65 ng

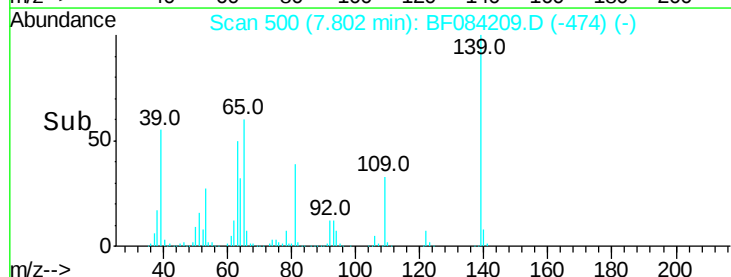
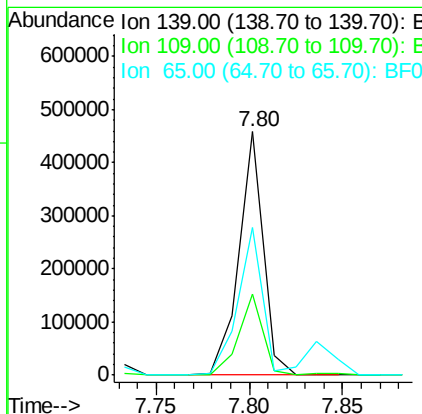
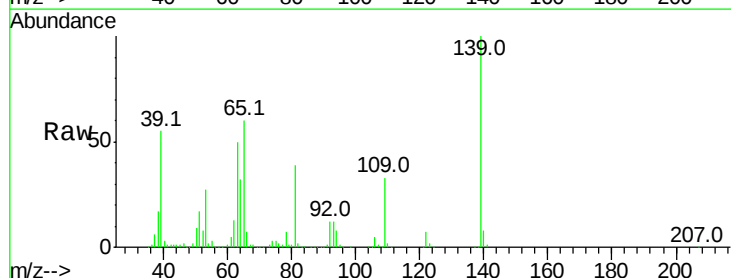
RT: 7.80 min Scan# 500

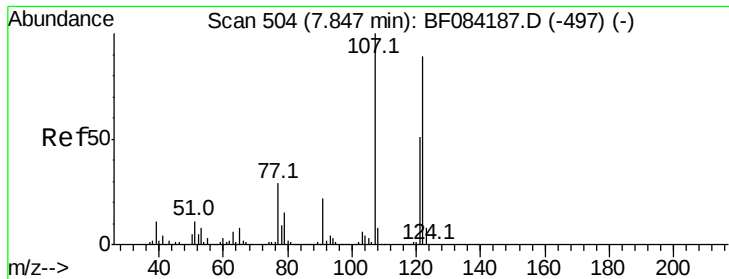
Delta R.T. 0.00 min

Lab File: BF084209.D

Acq: 31 Dec 2015 21:54

Tgt Ion:	139	Resp:	418372
Ion	Ratio	Lower	Upper
139	100		
109	33.2	25.4	38.2
65	60.5	32.3	48.5#





#27

2,4-Dimethylphenol

Concen: 40.64 ng

RT: 7.84 min Scan# 503

Delta R.T. -0.01 min

Lab File: BF084209.D

Acq: 31 Dec 2015 21:54

Instrument :

BNA_F

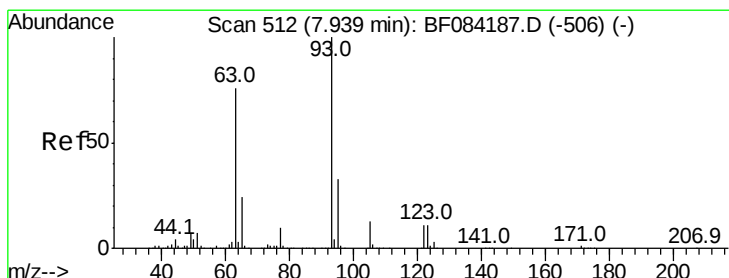
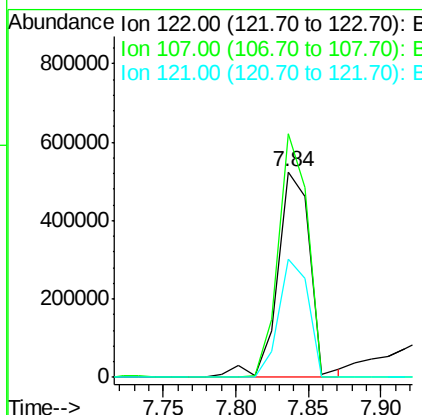
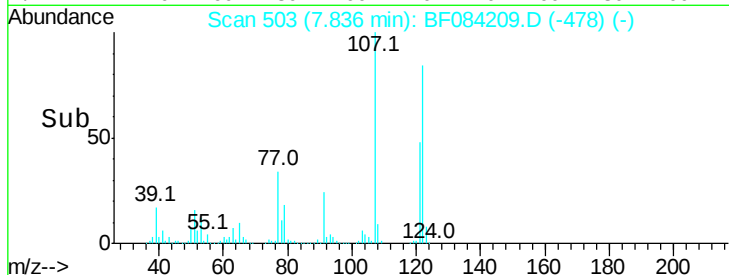
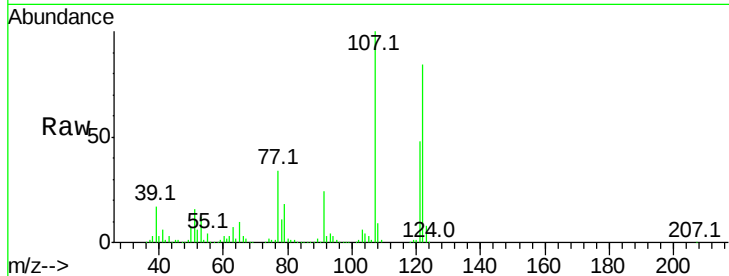
ClientSampleId :

PB87627BS

Tot Ion:	122	Resp:	806938
Ion Ratio	Lower	Upper	
122	100		
107	118.5	99.1	148.7
121	57.2	47.9	71.9

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#28

bis(2-Chloroethoxy)methane

Concen: 40.87 ng

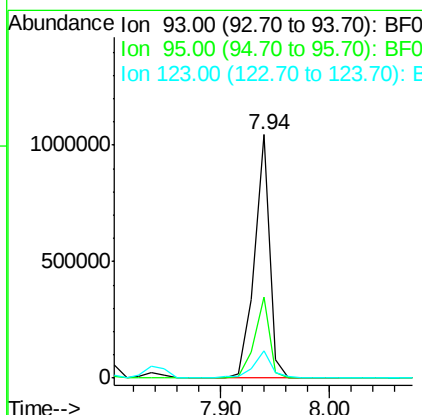
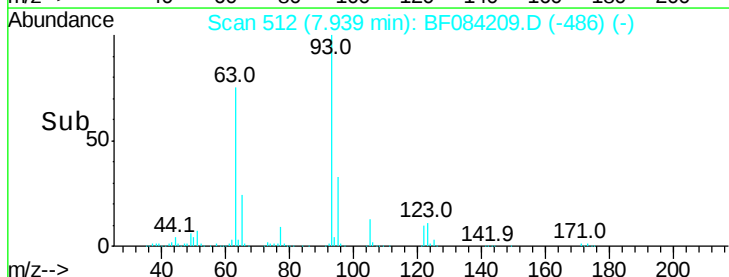
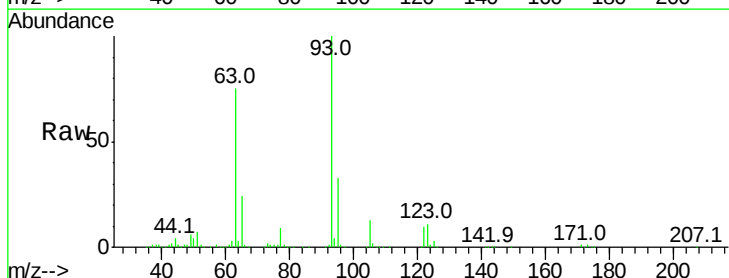
RT: 7.94 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF084209.D

Acq: 31 Dec 2015 21:54

Tgt Ion:	93	Resp:	1014828
Ion Ratio	Lower	Upper	
93	100		
95	33.3	25.8	38.6
123	11.2	8.6	12.8





#29

2,4-Dichlorophenol

Concen: 41.58 ng

RT: 8.04 min Scan# 521

Delta R.T. 0.00 min

Lab File: BF084209.D

Acq: 31 Dec 2015 21:54

Instrument :

BNA_F

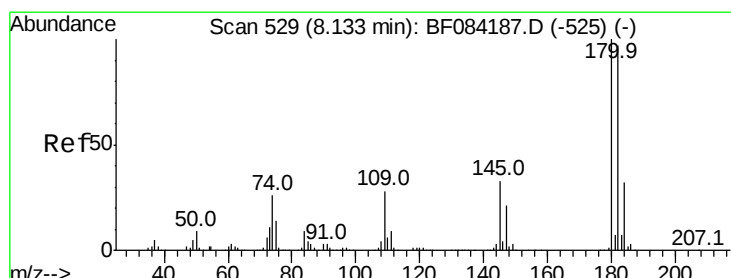
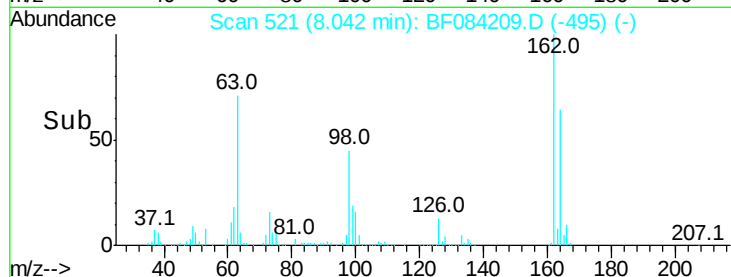
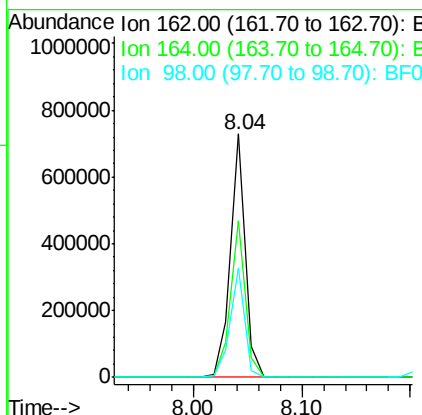
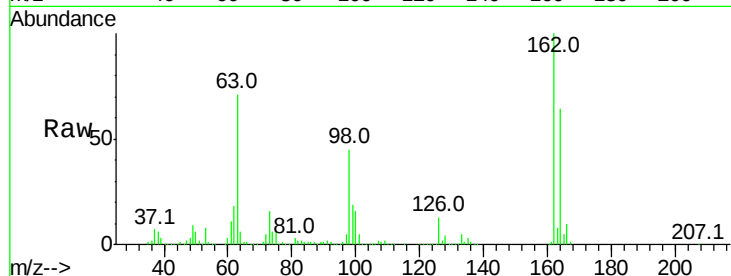
ClientSampleId :

PB87627BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	687809		
164	64.2	44.1	84.1	
98	44.7	20.2	60.2	

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#30

1,2,4-Trichlorobenzene

Concen: 42.89 ng

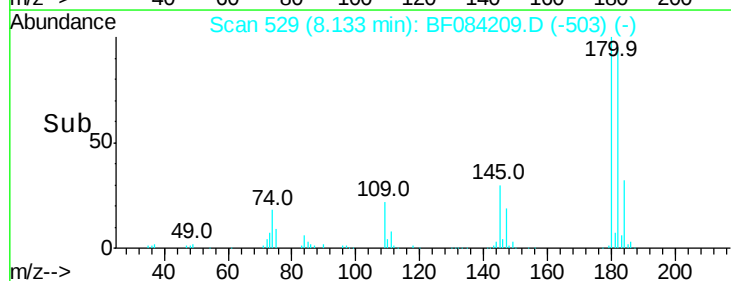
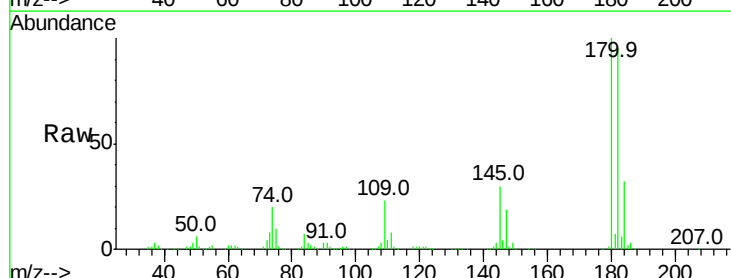
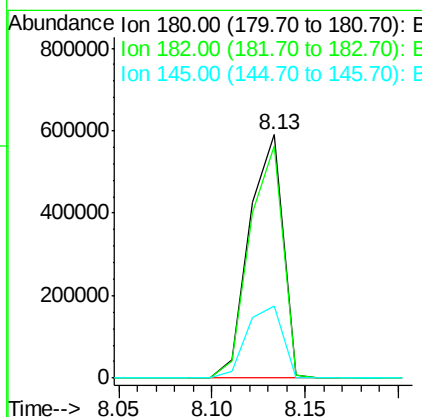
RT: 8.13 min Scan# 529

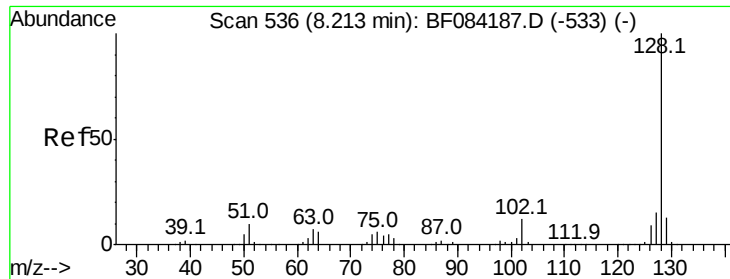
Delta R.T. 0.00 min

Lab File: BF084209.D

Acq: 31 Dec 2015 21:54

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	732390		
182	95.3	76.4	114.6	
145	29.6	31.6	47.4#	





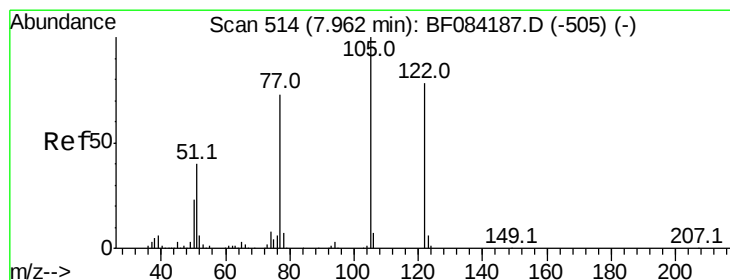
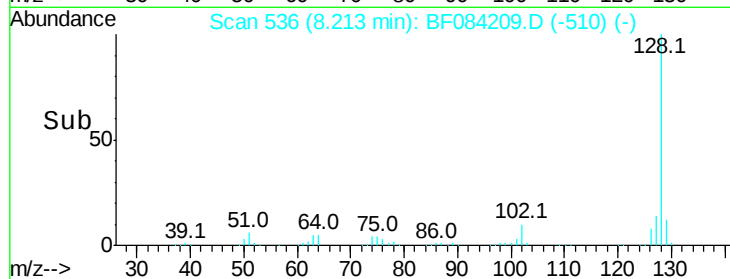
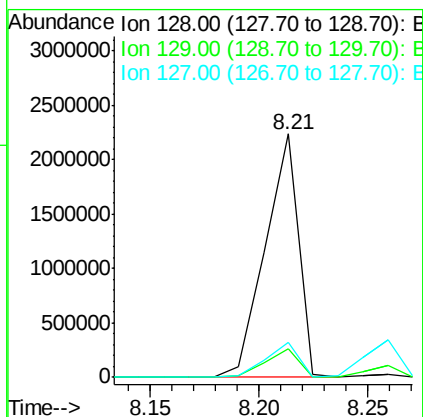
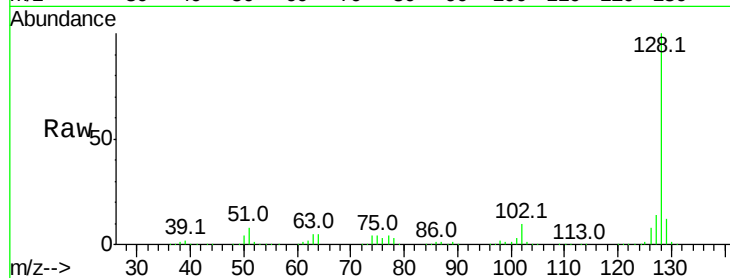
#31
Naphthalene
Concen: 44.89 ng
RT: 8.21 min Scan# 536
Delta R.T. 0.00 min
Lab File: BF084209.D
Acq: 31 Dec 2015 21:54

Instrument :
BNA_F
ClientSampleId :
PB87627BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.1	13.7
127	14.3	11.1	16.7

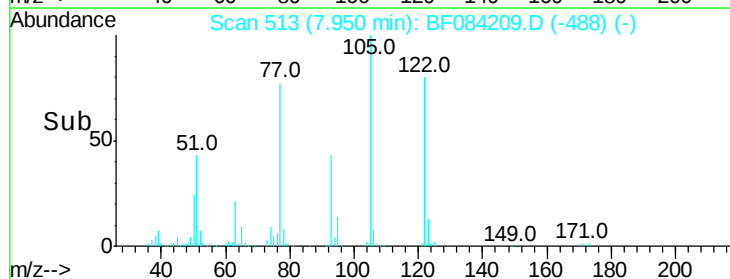
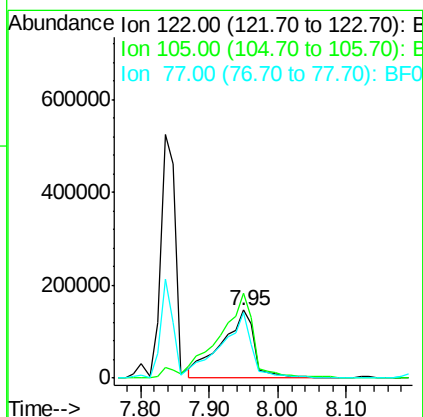
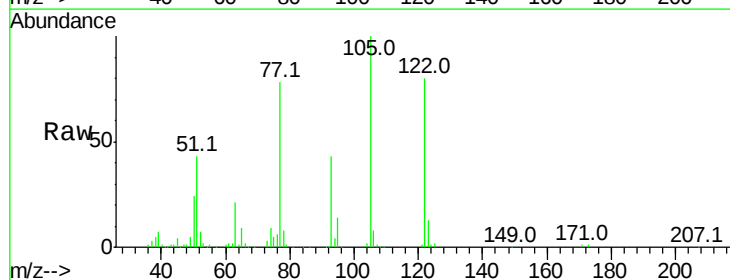
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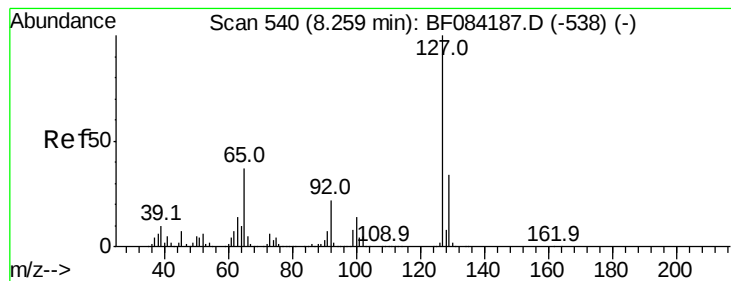
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#32
Benzoic acid
Concen: 39.40 ng
RT: 7.95 min Scan# 513
Delta R.T. -0.01 min
Lab File: BF084209.D
Acq: 31 Dec 2015 21:54

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.1	100.3	140.3
77	97.3	63.5	103.5





#33

4-Chloroaniline

Concen: 15.64 ng

RT: 8.26 min Scan# 540

Delta R.T. 0.00 min

Lab File: BF084209.D

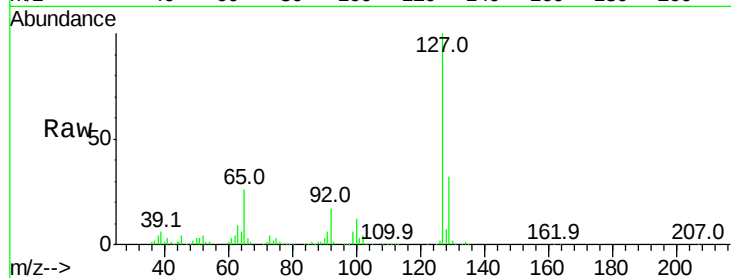
Acq: 31 Dec 2015 21:54

Instrument :

BNA_F

ClientSampleId :

PB87627BS



Tot Ion:127 Resp: 384847

Ion Ratio Lower Upper

127 100

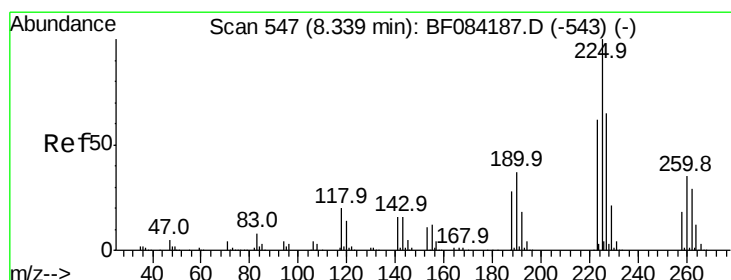
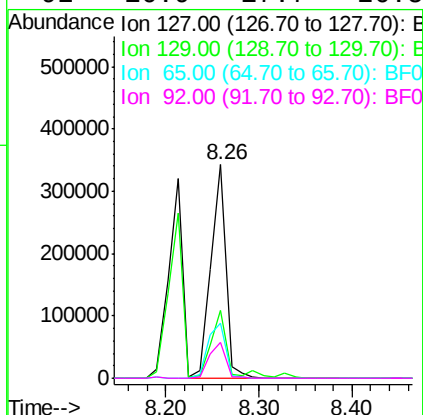
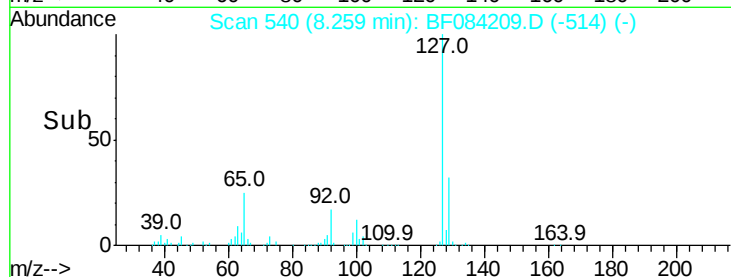
129 32.1 26.5 39.7

65 25.8 27.2 40.8#

92 16.9 17.7 26.5#

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#34

Hexachlorobutadiene

Concen: 40.66 ng

RT: 8.33 min Scan# 546

Delta R.T. -0.01 min

Lab File: BF084209.D

Acq: 31 Dec 2015 21:54

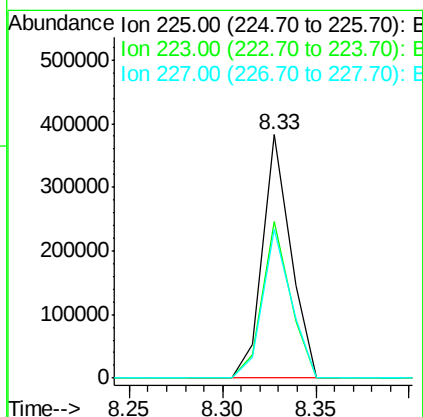
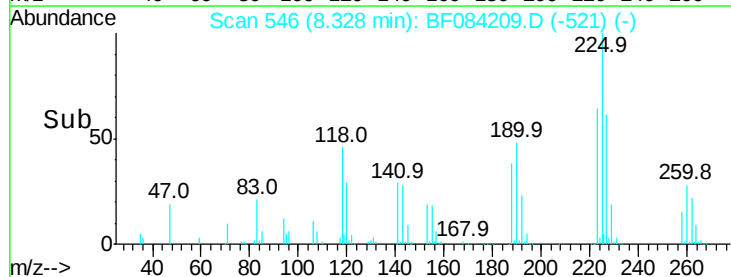
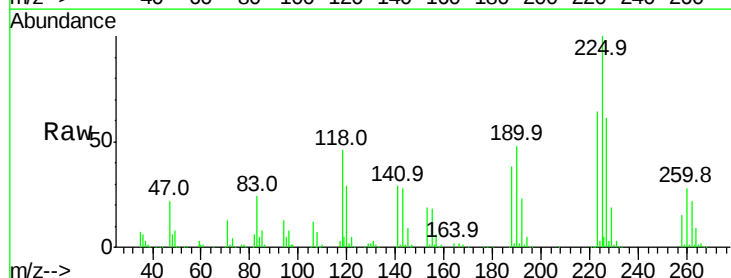
Tgt Ion:225 Resp: 399161

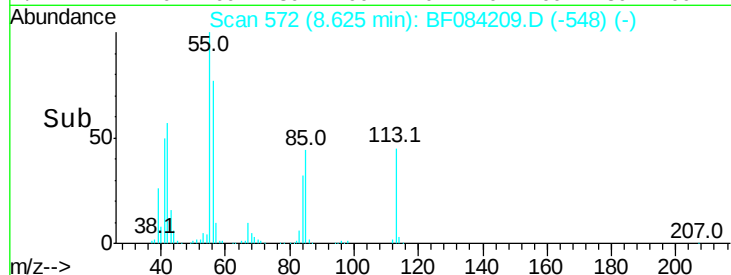
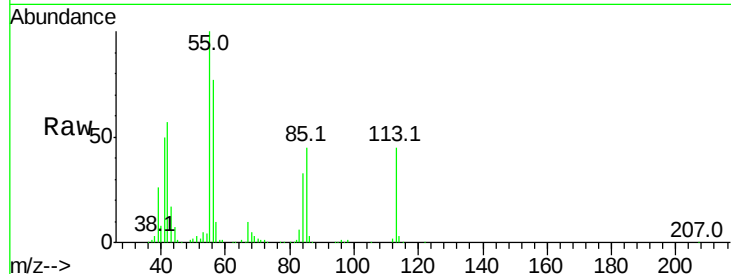
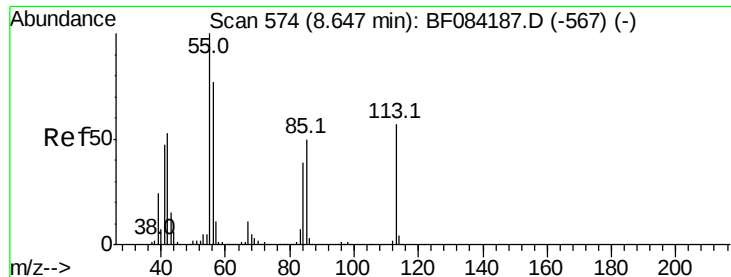
Ion Ratio Lower Upper

225 100

223 64.2 49.4 74.0

227 61.3 50.8 76.2





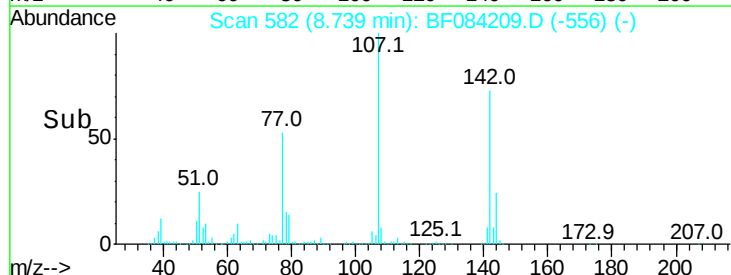
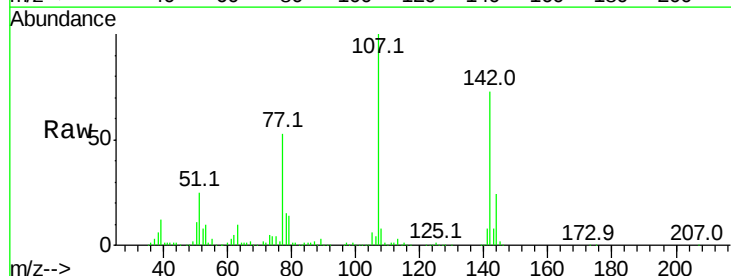
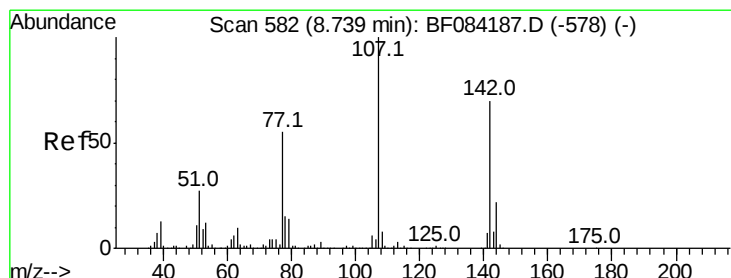
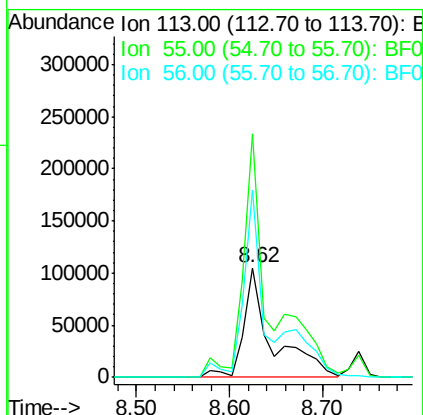
#35
Caprolactam
Concen: 40.19 ng
RT: 8.62 min Scan# 572
Delta R.T. -0.02 min
Lab File: BF084209.D
Acq: 31 Dec 2015 21:54

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
55	222.0	116.9	156.9#	
56	171.0	93.8	133.8#	

Instrument :
BNA_F
ClientSampleId :
PB87627BS

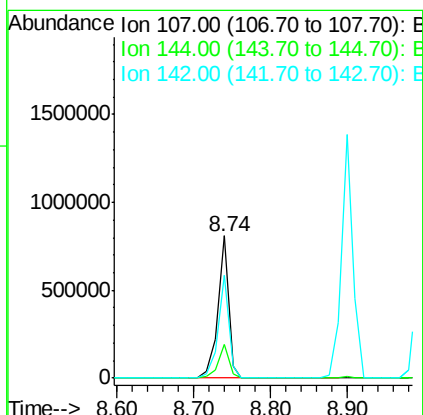
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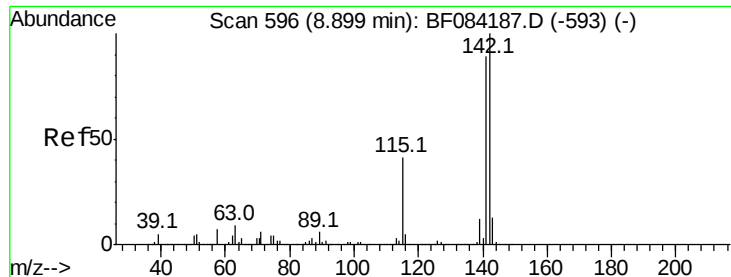
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#36
4-Chloro-3-methylphenol
Concen: 42.55 ng
RT: 8.74 min Scan# 582
Delta R.T. 0.00 min
Lab File: BF084209.D
Acq: 31 Dec 2015 21:54

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	24.1	19.7	29.5	
142	72.6	61.8	92.6	





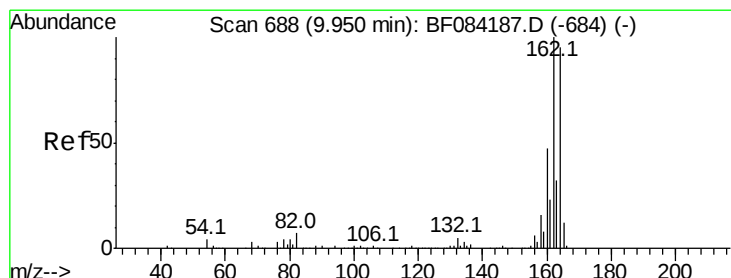
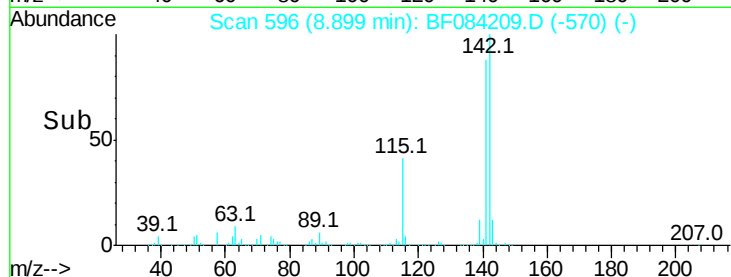
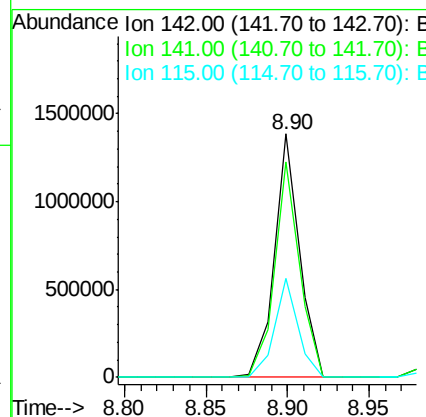
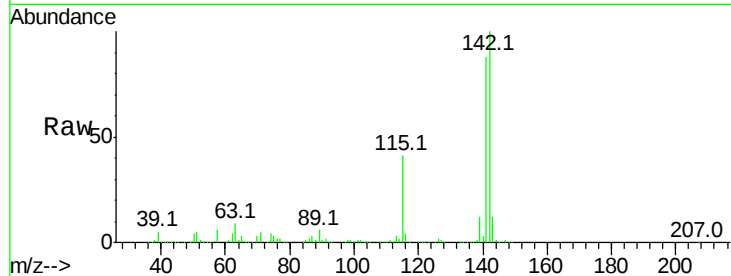
#37
2-Methylnaphthalene
Concen: 38.64 ng
RT: 8.90 min Scan# 596
Delta R.T. 0.00 min
Lab File: BF084209.D
Acq: 31 Dec 2015 21:54

Instrument :
BNA_F
ClientSampleId :
PB87627BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.3	72.4	108.6
115	40.7	27.9	41.9

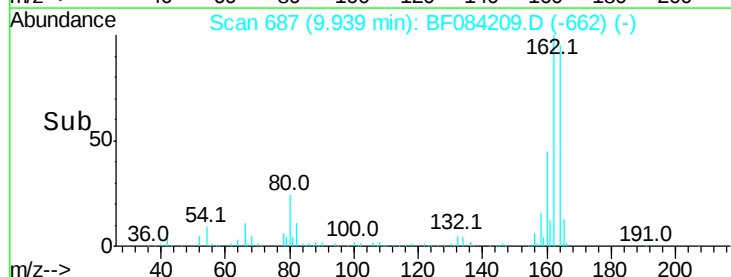
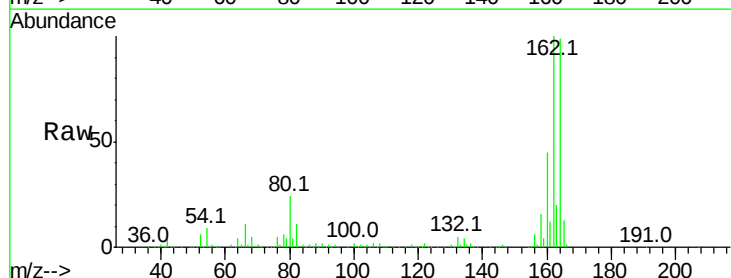
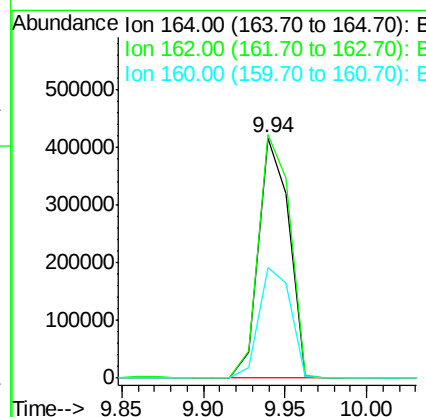
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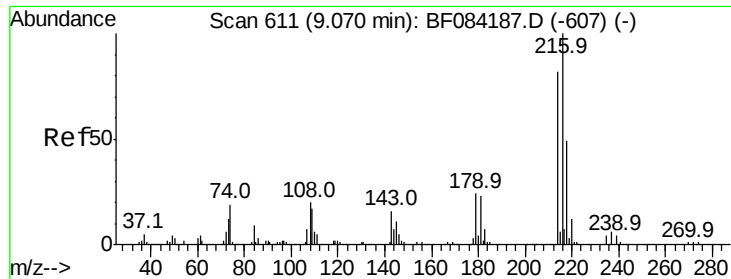
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.01 min
Lab File: BF084209.D
Acq: 31 Dec 2015 21:54

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.3	85.1	127.7
160	45.8	37.5	56.3





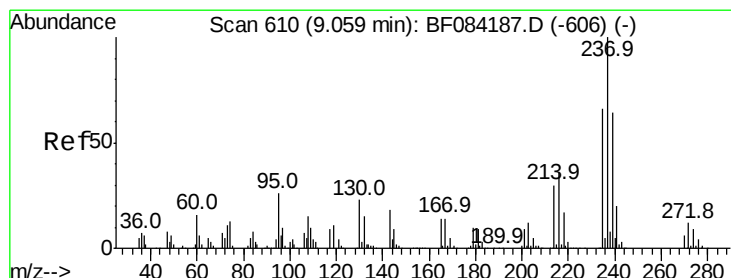
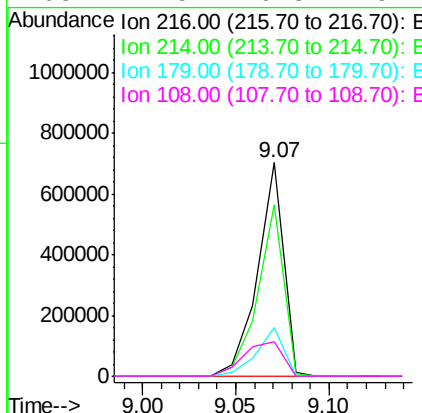
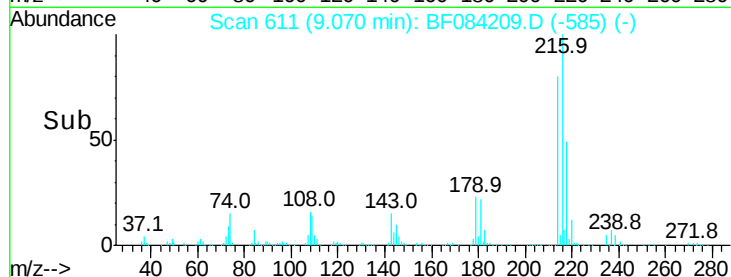
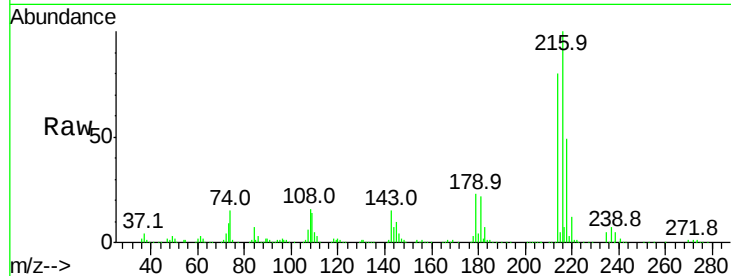
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.49 ng
 RT: 9.07 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF084209.D
 Acq: 31 Dec 2015 21:54

Instrument :
 BNA_F
 ClientSampled :
 PB87627BS

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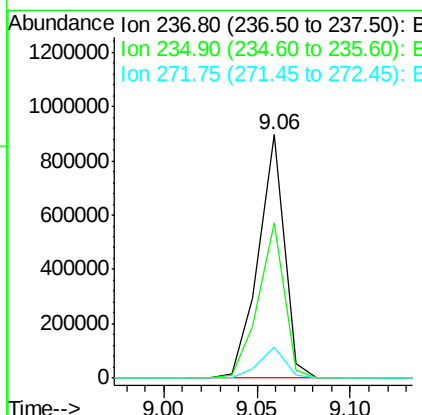
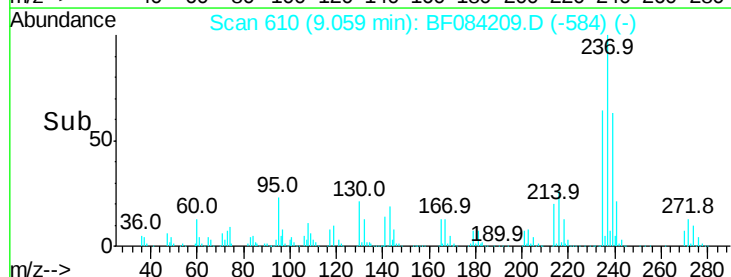
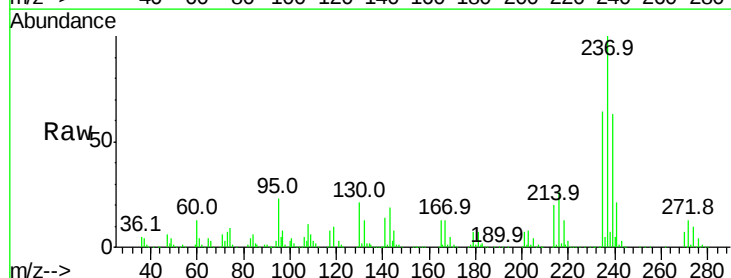
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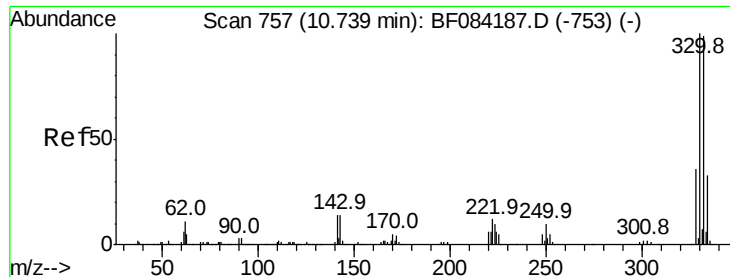
Tot Ion	Ratio	Resp	Lower	Upper
216	100	673428		
214	79.9	64.2	96.2	
179	23.5	18.7	28.1	
108	24.5	16.8	25.2	



#40
 Hexachlorocyclopentadiene
 Concen: 92.43 ng
 RT: 9.06 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: BF084209.D
 Acq: 31 Dec 2015 21:54

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	864070		
235	63.8	43.1	83.1	
272	12.6	0.0	35.1	





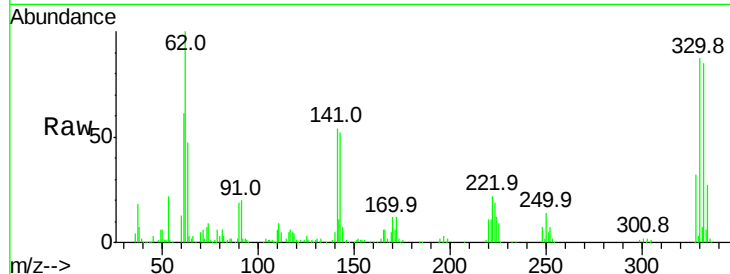
#41
 2,4,6-Tribromophenol
 Concen: 81.47 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.01 min
 Lab File: BF084209.D
 Acq: 31 Dec 2015 21:54

Instrument :
 BNA_F
 ClientSampleId :
 PB87627BS

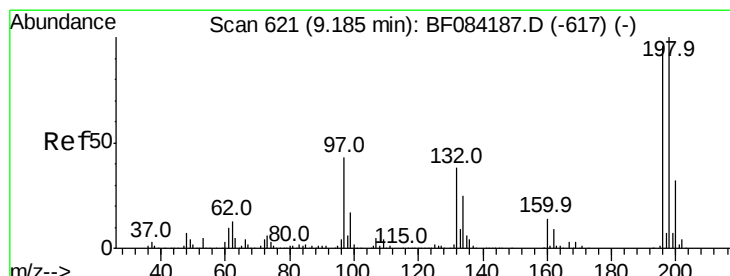
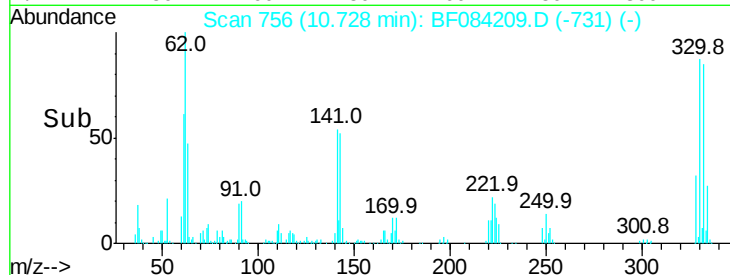
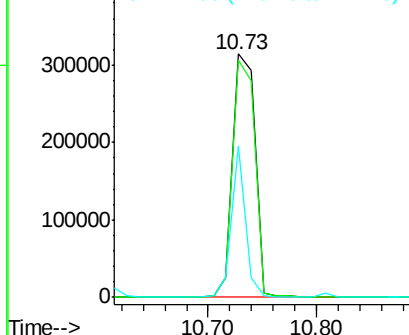
Tot Ion	Ratio	Resp	Lower	Upper
330	100	443084		
332	96.7	76.6	114.8	
141	38.8	27.8	41.6	

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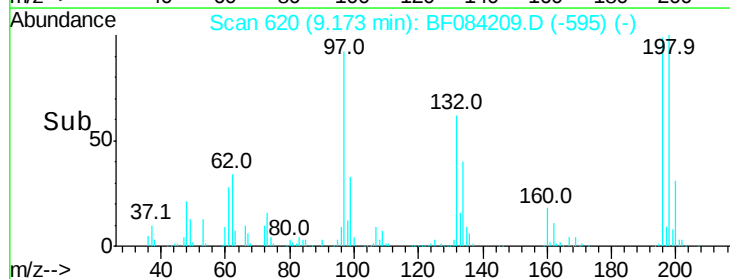
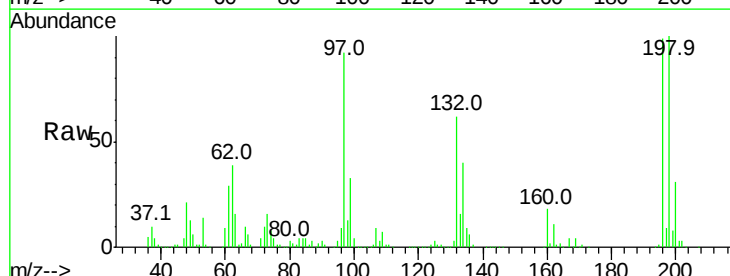
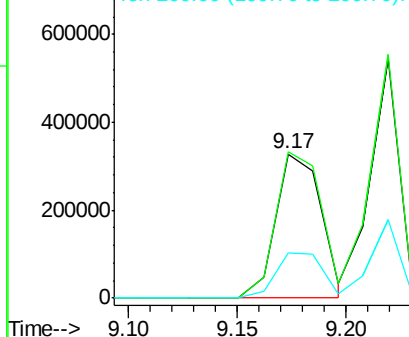
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

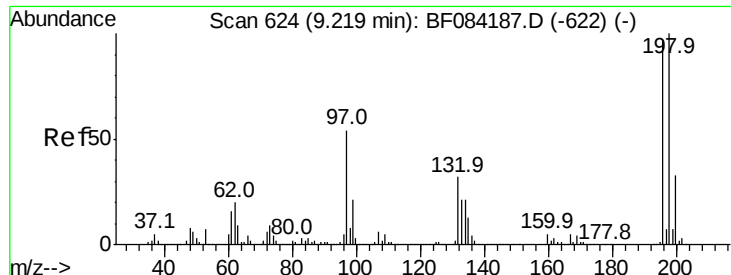


#42
 2,4,6-Trichlorophenol
 Concen: 41.28 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.01 min
 Lab File: BF084209.D
 Acq: 31 Dec 2015 21:54

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	478277		
198	101.4	77.7	116.5	
200	31.8	24.6	37.0	

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





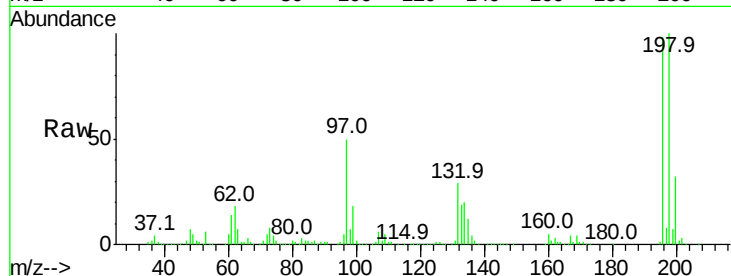
#43
 2,4,5-Trichlorophenol
 Concen: 45.13 ng
 RT: 9.22 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF084209.D
 Acq: 31 Dec 2015 21:54

Instrument :
 BNA_F
 ClientSampleId :
 PB87627BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	501234		
198	101.7	79.0	118.6	
97	50.8	33.0	49.6	
132	29.6	21.1	31.7	

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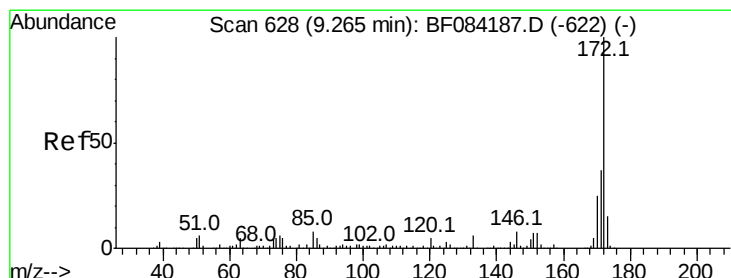
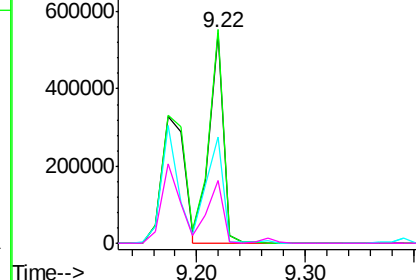
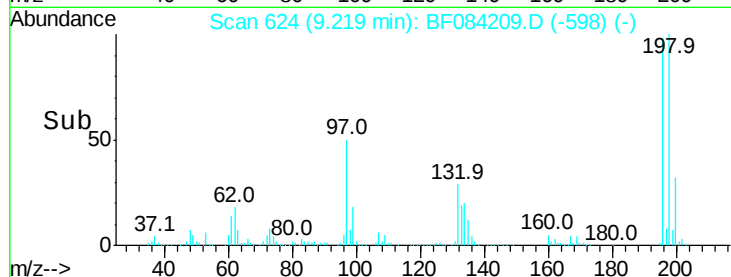
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

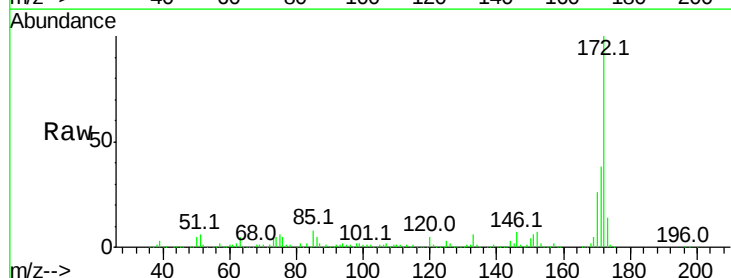
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 82.16 ng
 RT: 9.26 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF084209.D
 Acq: 31 Dec 2015 21:54

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2522415		
171	38.0	28.9	43.3	
170	25.6	18.6	27.8	

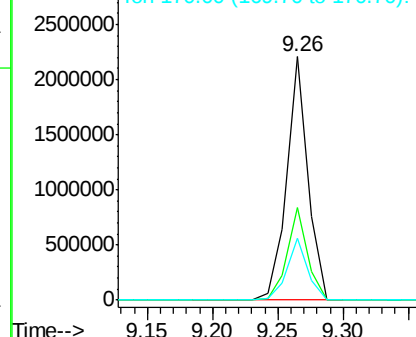
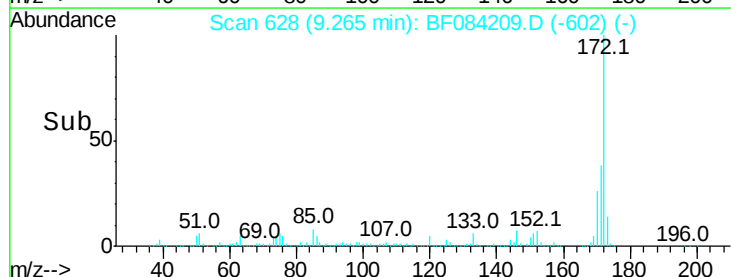


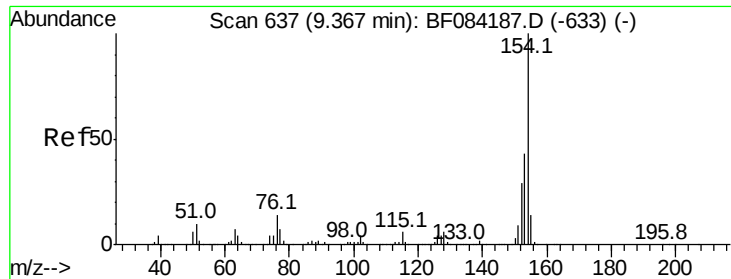
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 44.49 ng

RT: 9.37 min Scan# 637

Delta R.T. 0.00 min

Lab File: BF084209.D

Acq: 31 Dec 2015 21:54

Instrument :

BNA_F

ClientSampleId :

PB87627BS

Tot Ion:154 Resp: 1904954

Ion Ratio Lower Upper

154 100

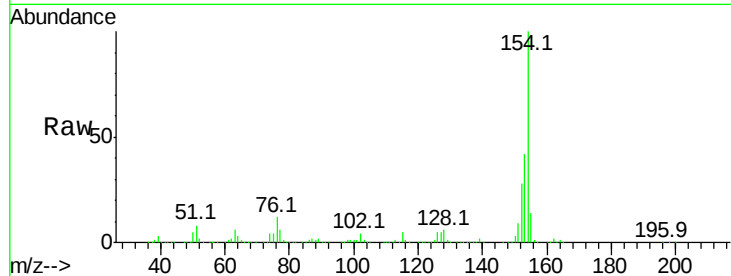
153 41.7 21.6 61.6

76 12.3 0.0 32.7

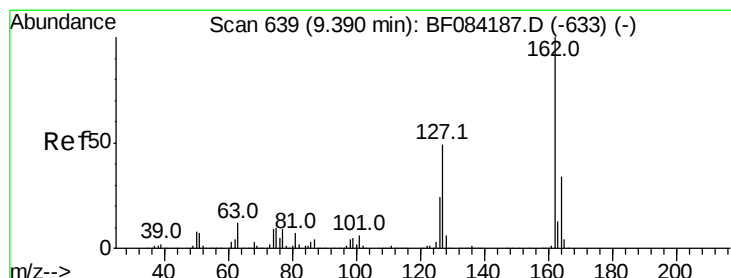
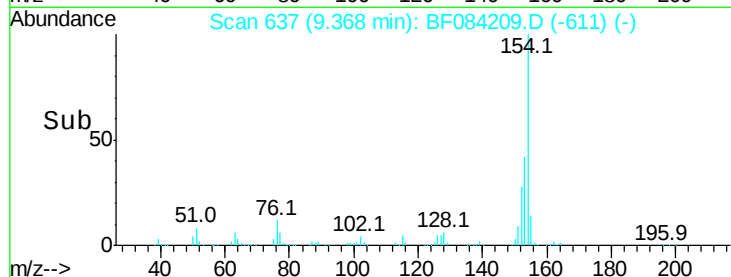
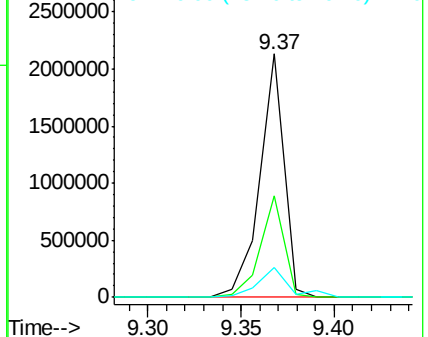
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 41.86 ng

RT: 9.39 min Scan# 639

Delta R.T. 0.00 min

Lab File: BF084209.D

Acq: 31 Dec 2015 21:54

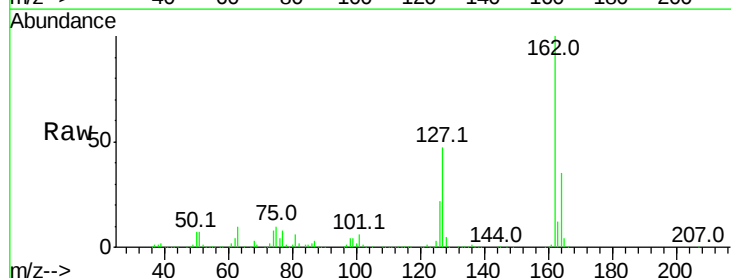
Tgt Ion:162 Resp: 1407586

Ion Ratio Lower Upper

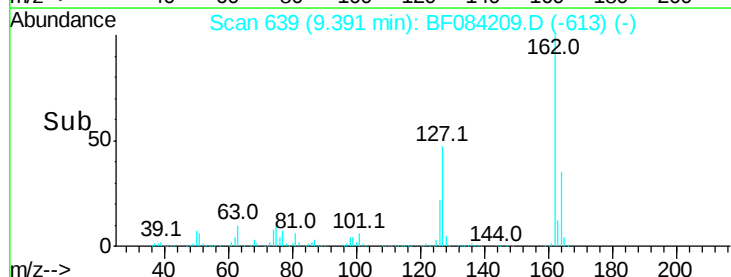
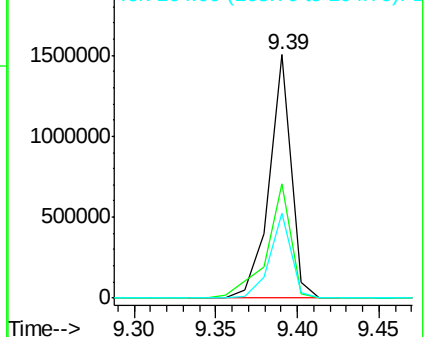
162 100

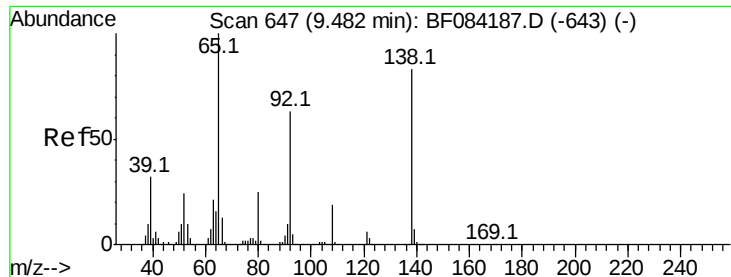
127 46.9 40.2 60.4

164 34.7 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: 42.96 ng

RT: 9.48 min Scan# 647

Delta R.T. 0.00 min

Lab File: BF084209.D

Acq: 31 Dec 2015 21:54

Instrument :

BNA_F

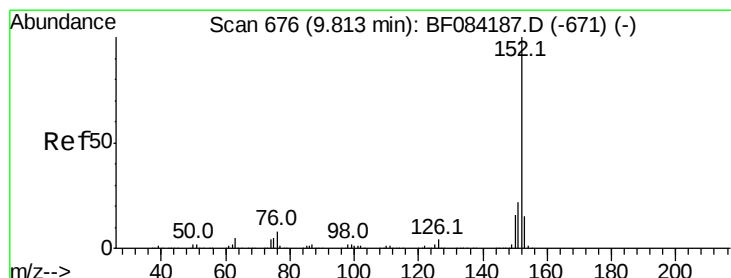
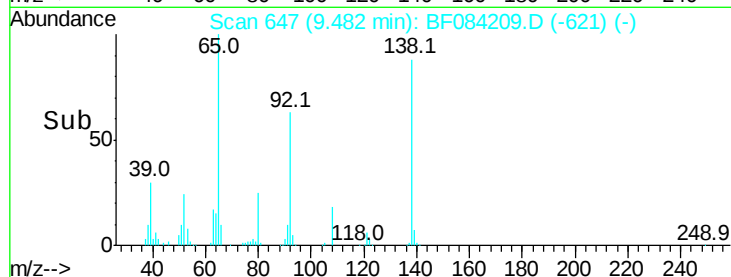
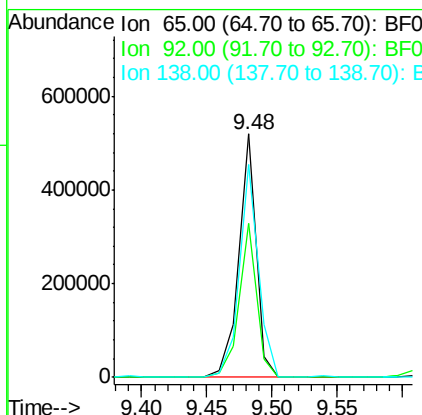
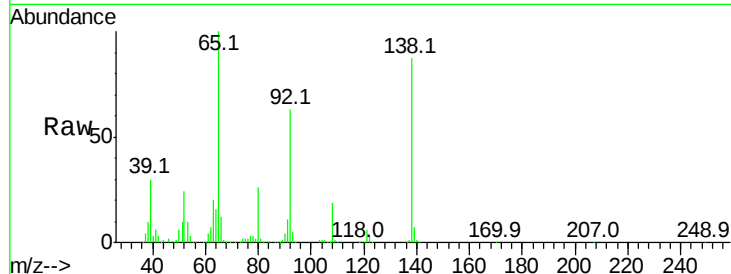
ClientSampleId :

PB87627BS

Tot Ion:	65	Resp:	476862
Ion Ratio	Lower	Upper	
65	100		
92	63.3	53.4	80.2
138	87.4	71.1	106.7

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#48

Acenaphthylene

Concen: 42.46 ng

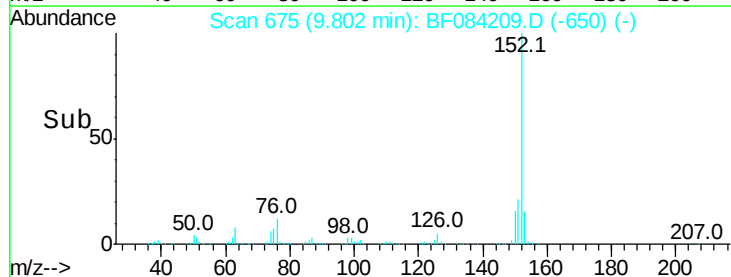
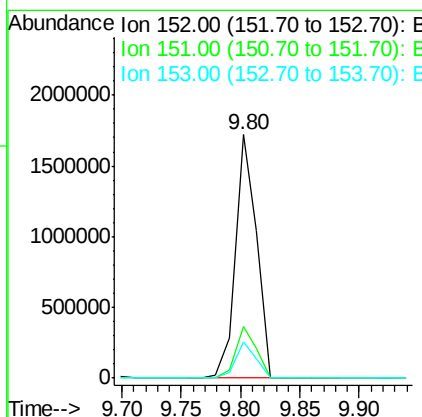
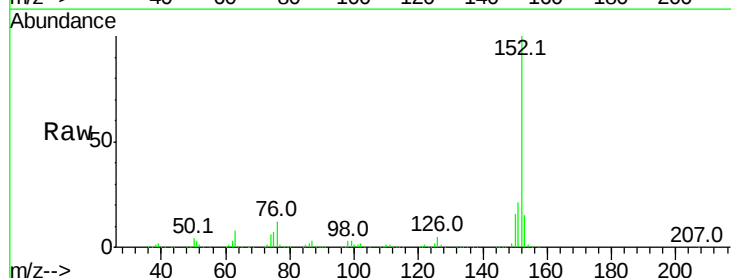
RT: 9.80 min Scan# 675

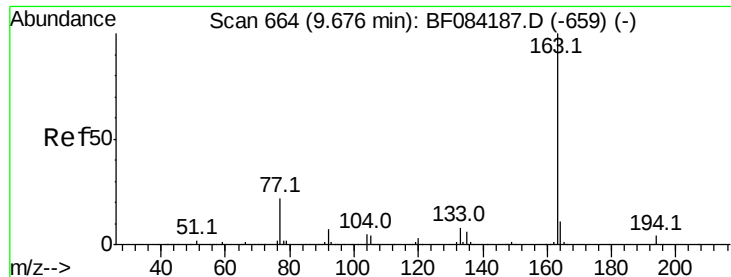
Delta R.T. -0.01 min

Lab File: BF084209.D

Acq: 31 Dec 2015 21:54

Tgt Ion:	152	Resp:	2109326
Ion Ratio	Lower	Upper	
152	100		
151	21.2	16.3	24.5
153	15.0	10.4	15.6





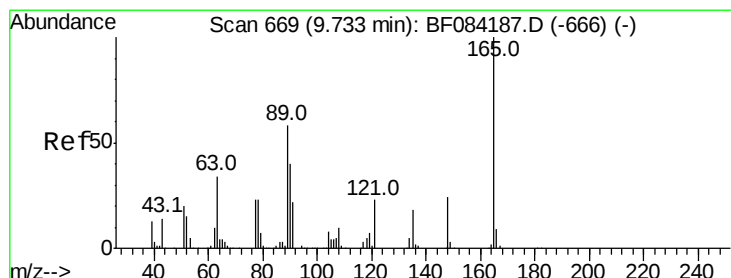
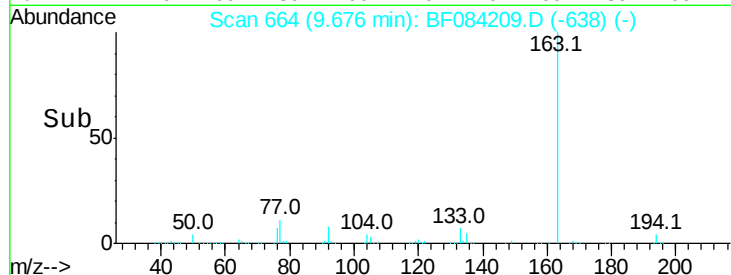
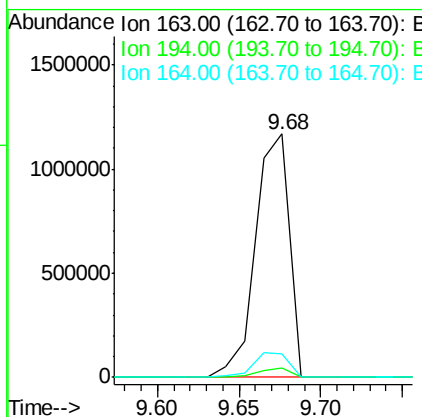
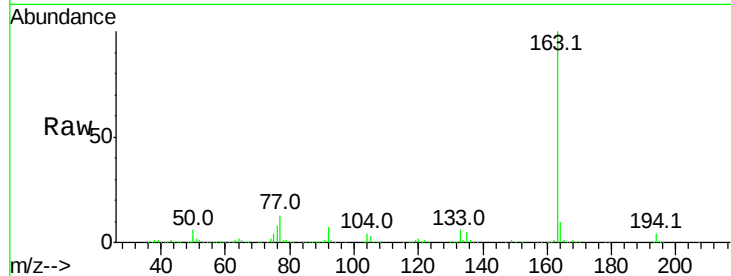
#49
Dimethylphthalate
Concen: 43.75 ng
RT: 9.68 min Scan# 664
Delta R.T. 0.00 min
Lab File: BF084209.D
Acq: 31 Dec 2015 21:54

Instrument :
BNA_F
ClientSampleId :
PB87627BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	1684792		
194	3.7	8.0	12.0#	
164	9.8	8.0	12.0	

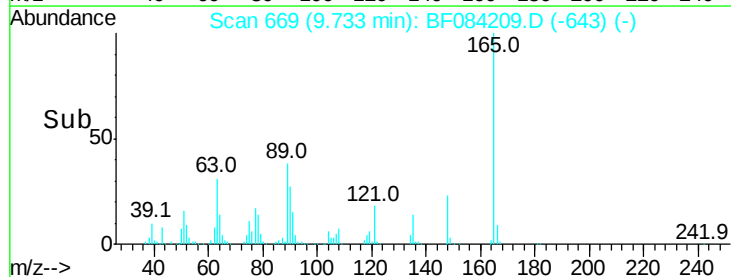
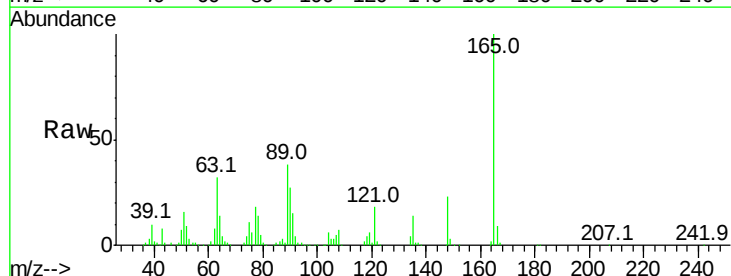
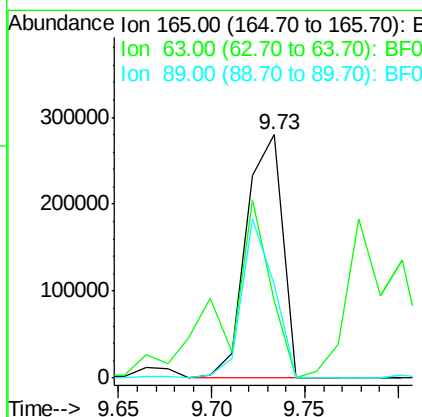
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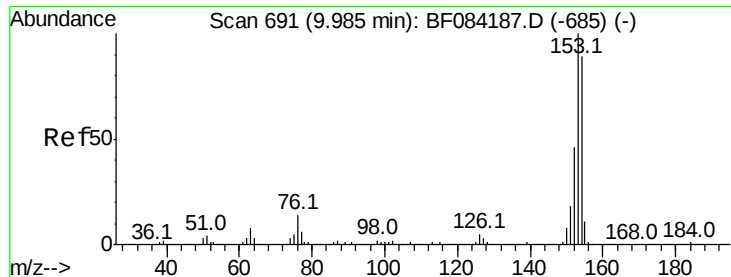
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#50
2,6-Dinitrotoluene
Concen: 44.34 ng
RT: 9.73 min Scan# 669
Delta R.T. 0.00 min
Lab File: BF084209.D
Acq: 31 Dec 2015 21:54

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	374493		
63	31.5	28.8	43.2	
89	38.3	35.1	52.7	





#51

Acenaphthene

Concen: 46.54 ng

RT: 9.97 min Scan# 690

Delta R.T. -0.01 min

Lab File: BF084209.D

Acq: 31 Dec 2015 21:54

Instrument :

BNA_F

ClientSampleId :

PB87627BS

Tot Ion:154 Resp: 1551088

Ion Ratio Lower Upper

154 100

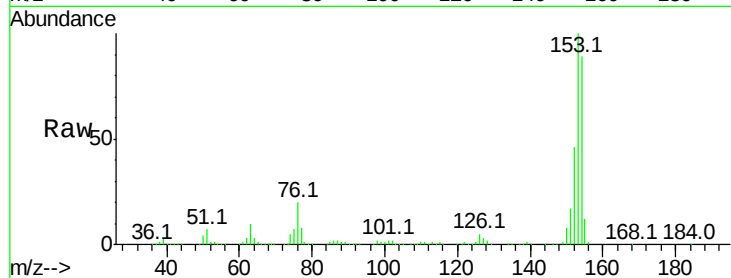
153 111.9 91.5 137.3

152 51.2 43.0 64.6

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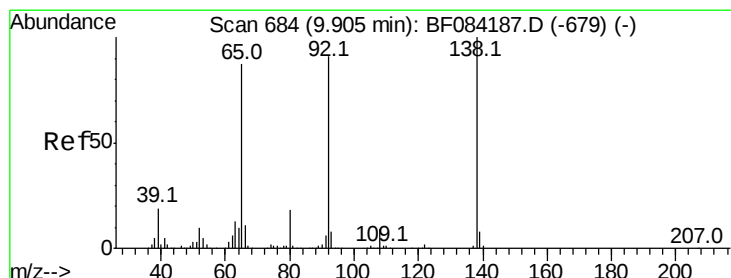
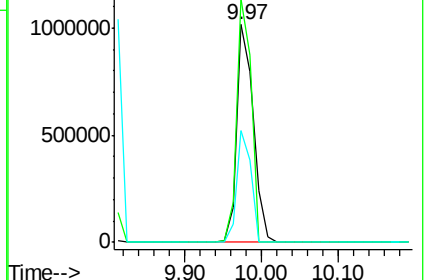
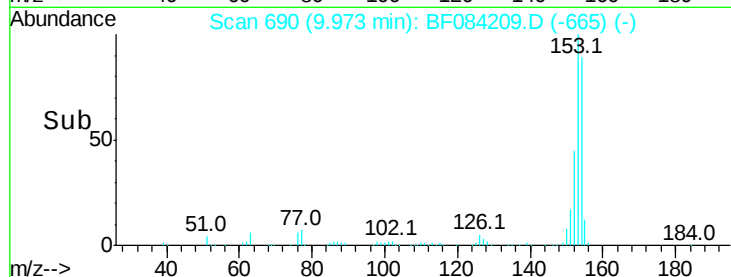
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 23.91 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF084209.D

Acq: 31 Dec 2015 21:54

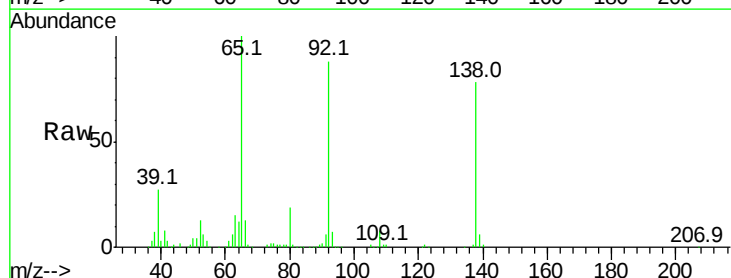
Tgt Ion:138 Resp: 250206

Ion Ratio Lower Upper

138 100

108 10.0 10.5 15.7#

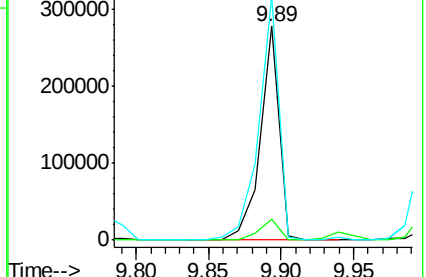
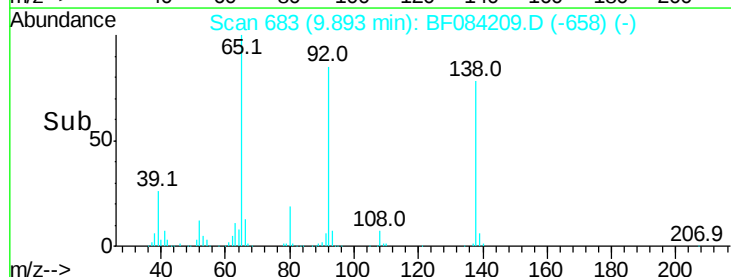
92 113.7 103.9 155.9

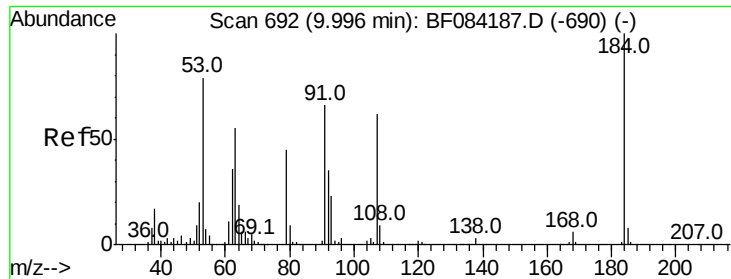


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





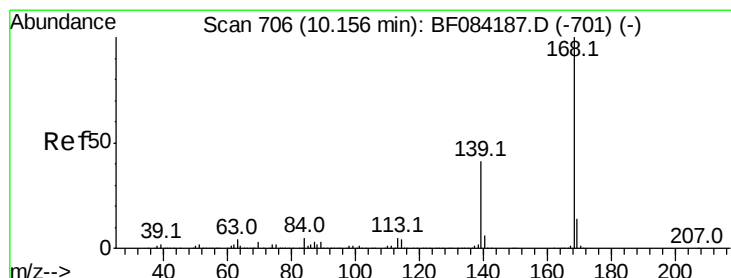
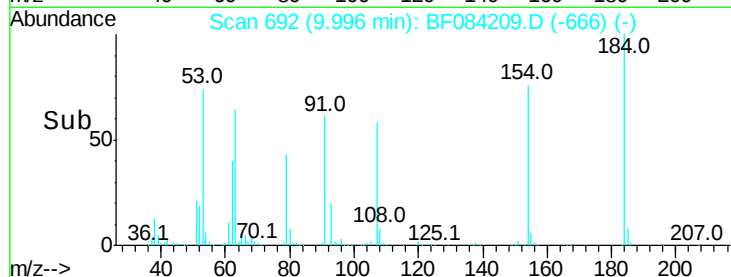
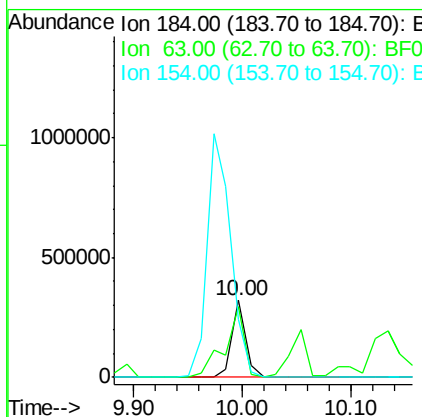
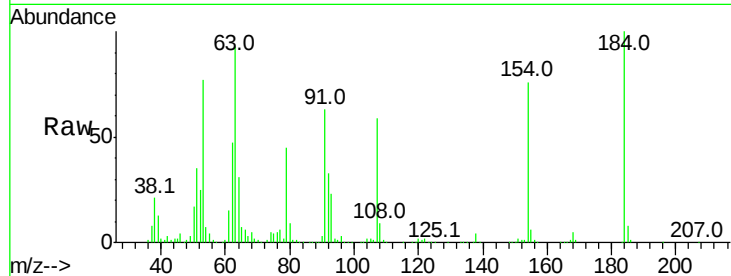
#53
2,4-Dinitrophenol
Concen: 79.41 ng
RT: 10.00 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF084209.D
Acq: 31 Dec 2015 21:54

Instrument :
BNA_F
ClientSampleId :
PB87627BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	285613		
63	92.9	43.1	64.7#	
154	75.5	60.5	90.7	

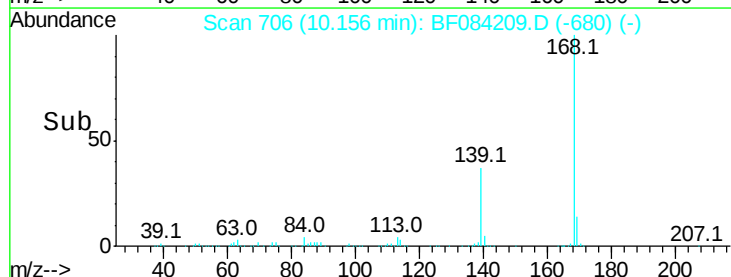
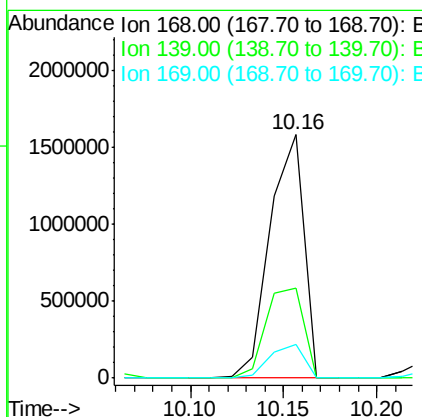
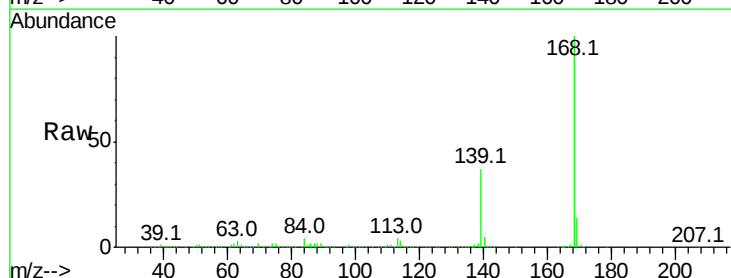
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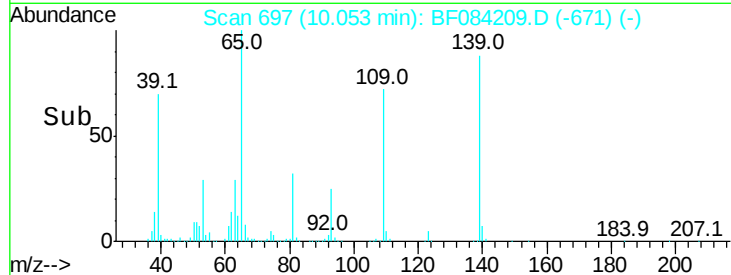
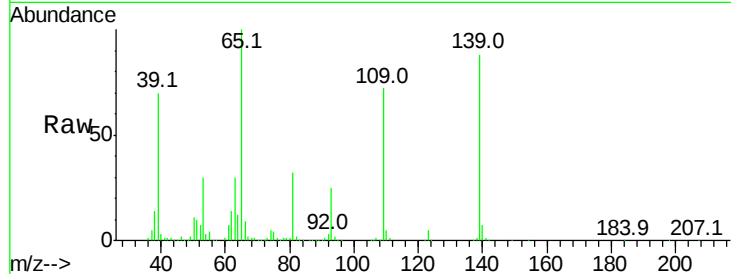
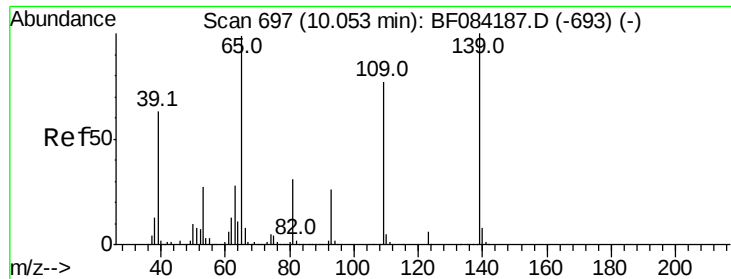
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#54
Dibenzofuran
Concen: 46.61 ng
RT: 10.16 min Scan# 706
Delta R.T. 0.00 min
Lab File: BF084209.D
Acq: 31 Dec 2015 21:54

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	2007174		
139	36.7	30.5	45.7	
169	13.7	10.4	15.6	





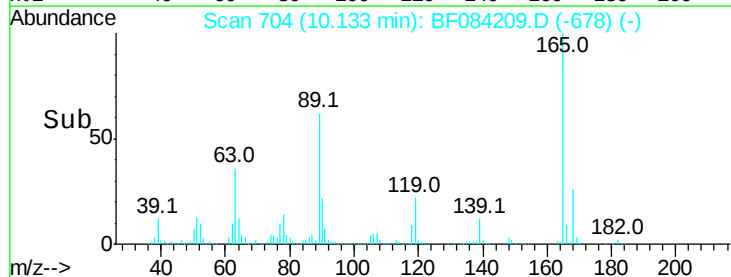
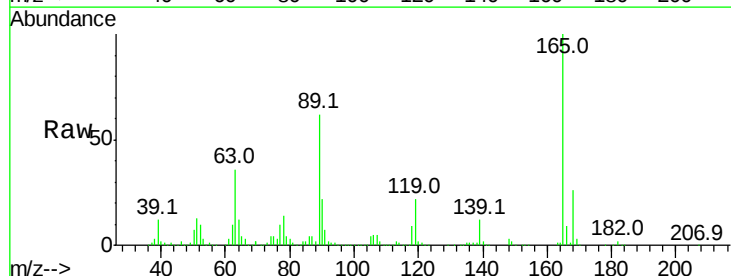
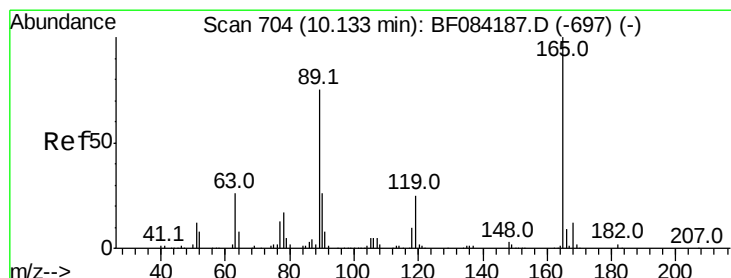
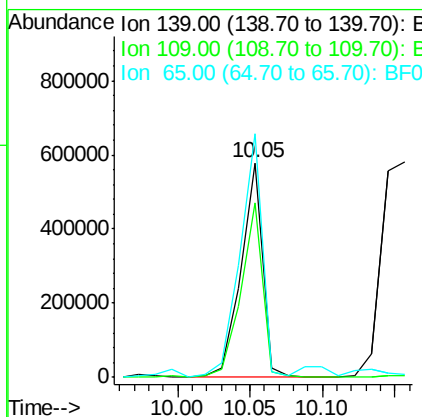
#55
4-Nitrophenol
Concen: 79.49 ng
RT: 10.05 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF084209.D
Acq: 31 Dec 2015 21:54

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	81.6	58.5	98.5	
65	113.6	57.6	97.6	

Instrument :
BNA_F
ClientSampleId :
PB87627BS

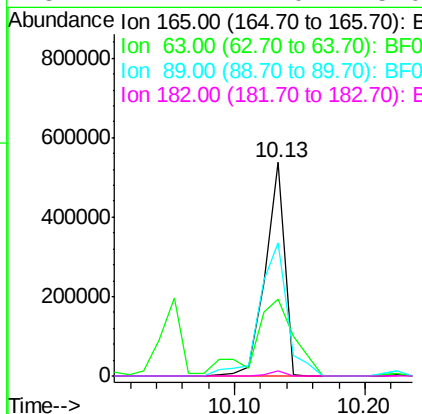
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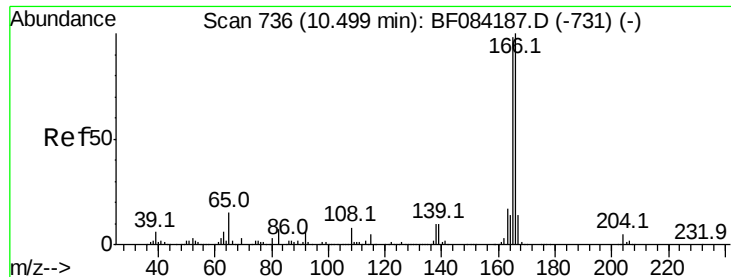
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#56
2,4-Dinitrotoluene
Concen: 51.81 ng
RT: 10.13 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF084209.D
Acq: 31 Dec 2015 21:54

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	35.9	36.7	55.1	
89	62.5	61.9	92.9	
182	2.2	2.0	3.0	





#57

Fluorene

Concen: 42.32 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF084209.D

Acq: 31 Dec 2015 21:54

Instrument :

BNA_F

ClientSampleId :

PB87627BS

Tot Ion:166 Resp: 1417279

Ion Ratio Lower Upper

166 100

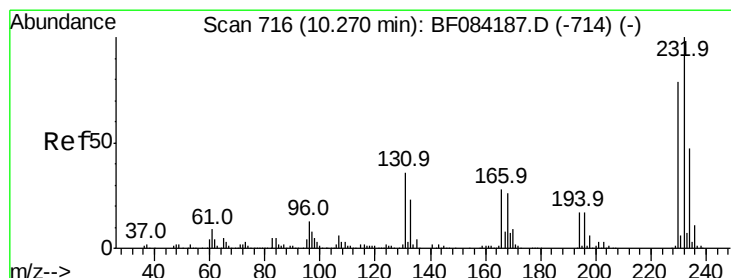
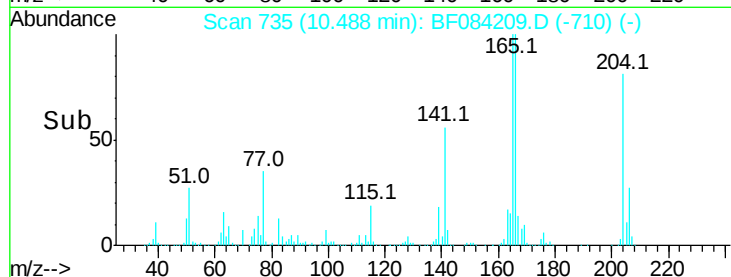
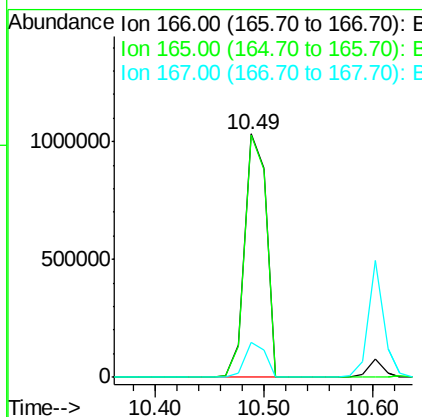
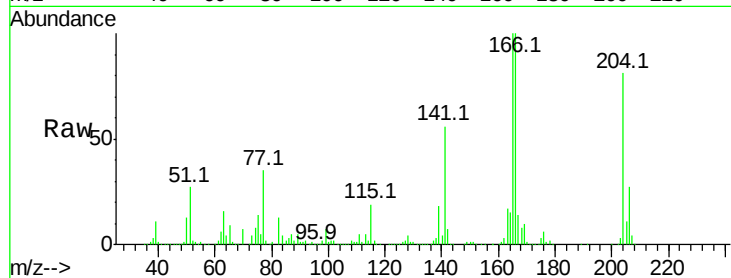
165 99.7 79.1 118.7

167 14.3 10.4 15.6

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 44.05 ng

RT: 10.27 min Scan# 716

Delta R.T. 0.00 min

Lab File: BF084209.D

Acq: 31 Dec 2015 21:54

Tgt Ion:232 Resp: 417762

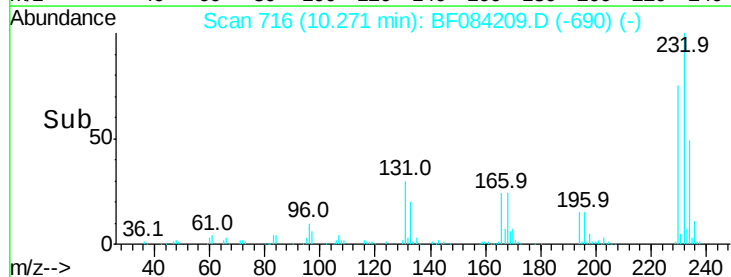
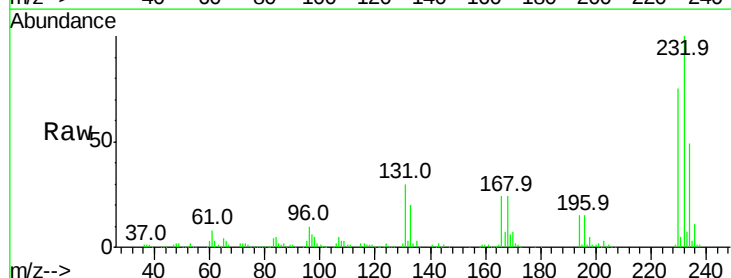
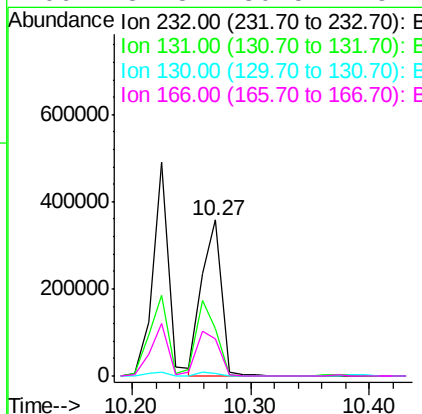
Ion Ratio Lower Upper

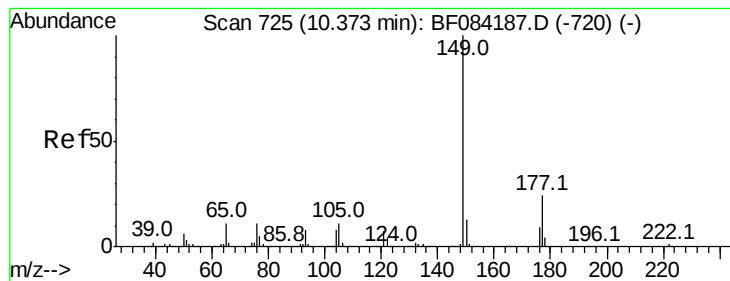
232 100

131 49.4 47.0 70.6

130 2.4 2.0 3.0

166 32.8 30.5 45.7





#59

Diethylphthalate

Concen: 46.31 ng

RT: 10.37 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF084209.D

Acq: 31 Dec 2015 21:54

Instrument :

BNA_F

ClientSampleId :

PB87627BS

Tot Ion:149 Resp: 1758539

Ion Ratio Lower Upper

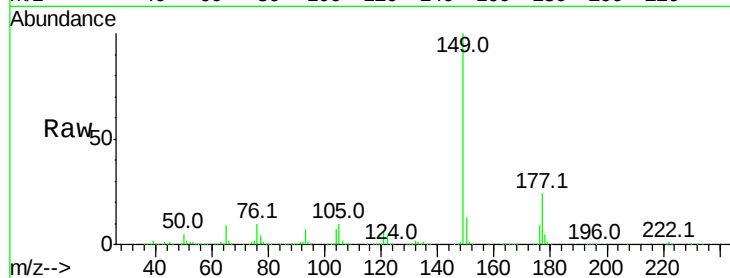
149 100

177 23.6 17.3 25.9

150 13.2 9.8 14.8

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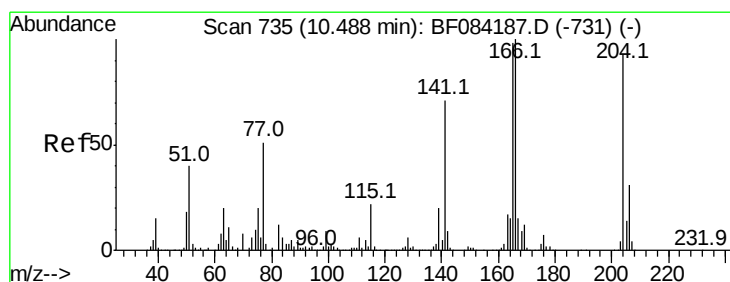
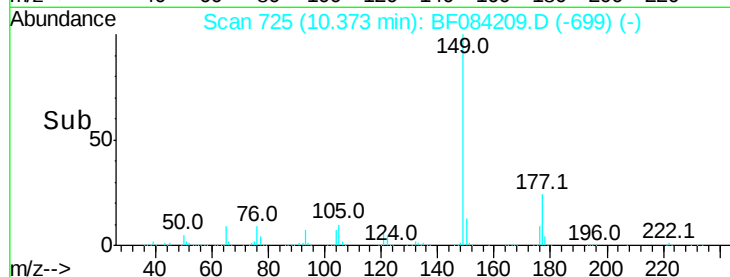
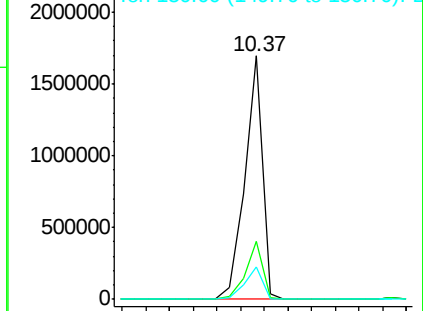
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 52.43 ng

RT: 10.49 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF084209.D

Acq: 31 Dec 2015 21:54

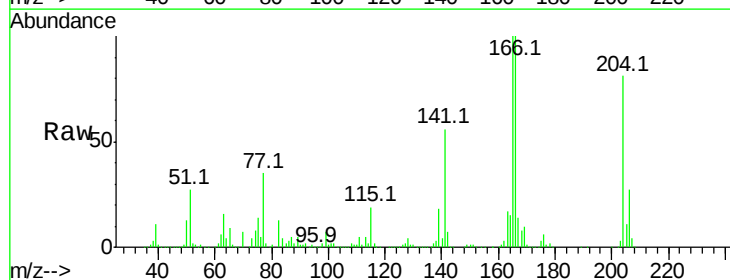
Tgt Ion:204 Resp: 719933

Ion Ratio Lower Upper

204 100

206 33.3 25.7 38.5

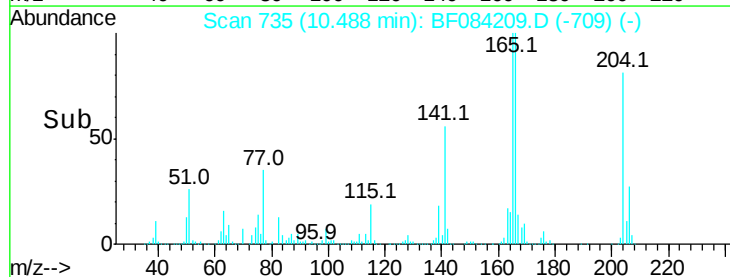
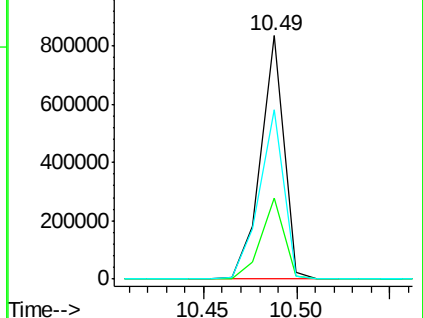
141 69.5 55.1 82.7

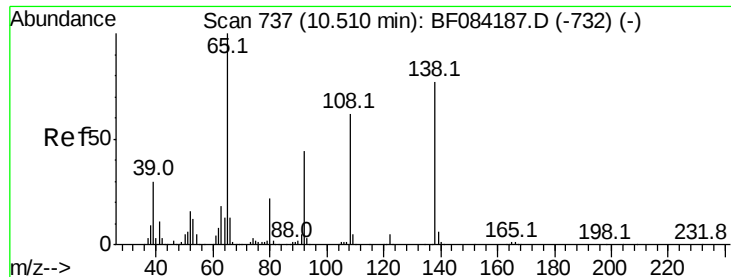


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





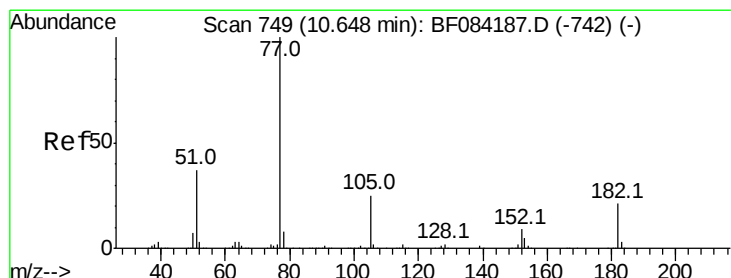
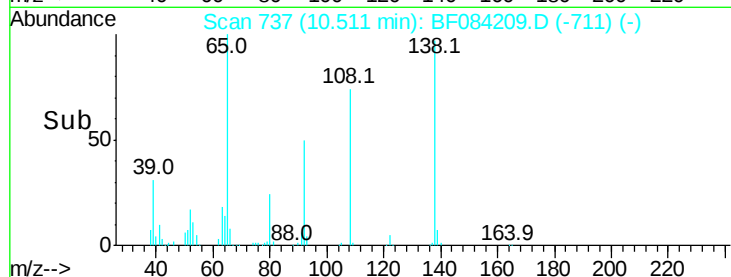
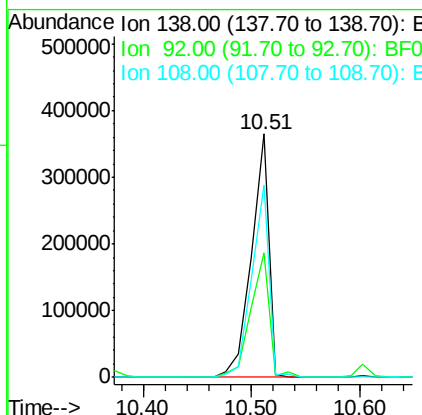
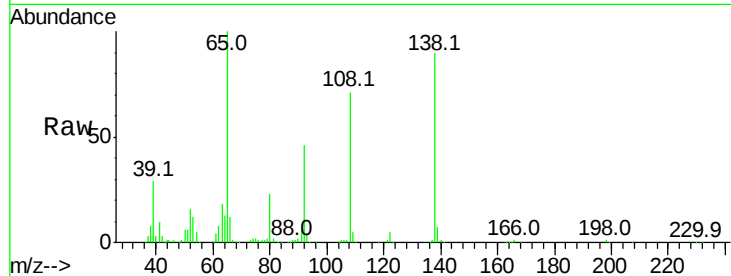
#61
4-Nitroaniline
Concen: 43.87 ng
RT: 10.51 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF084209.D
Acq: 31 Dec 2015 21:54

Instrument :
BNA_F
ClientSampleId :
PB87627BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	51.2	32.6	72.6
108	78.8	68.6	108.6

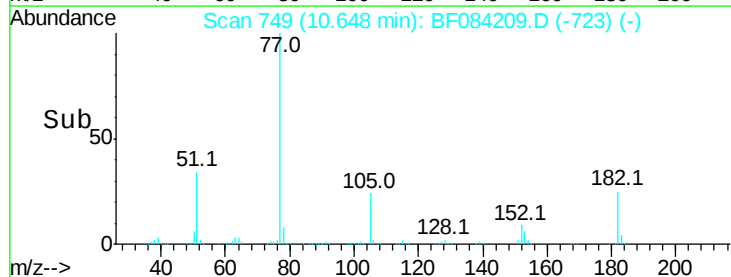
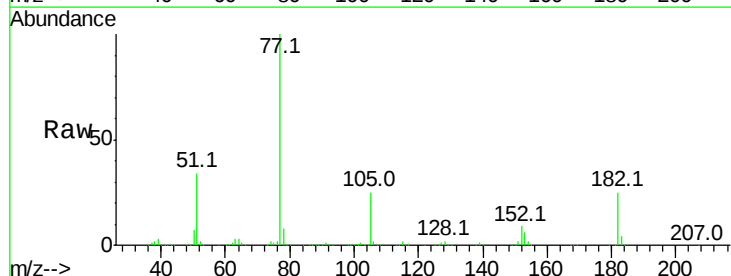
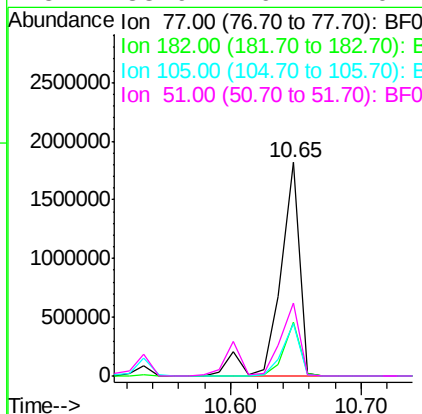
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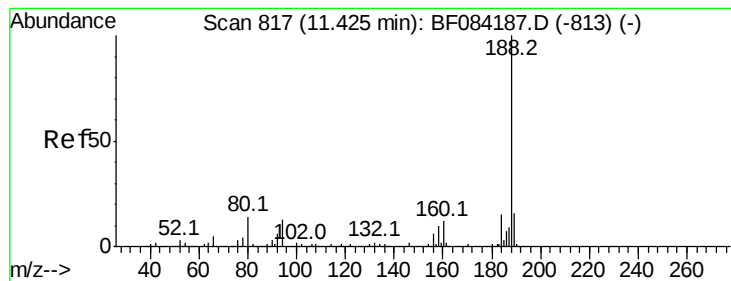
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#62
Azobenzene
Concen: 46.52 ng
RT: 10.65 min Scan# 749
Delta R.T. 0.00 min
Lab File: BF084209.D
Acq: 31 Dec 2015 21:54

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.4	8.3	48.3
105	24.9	4.6	44.6
51	33.9	6.2	46.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.43 min Scan# 817

Delta R.T. 0.00 min

Lab File: BF084209.D

Acq: 31 Dec 2015 21:54

Instrument :

BNA_F

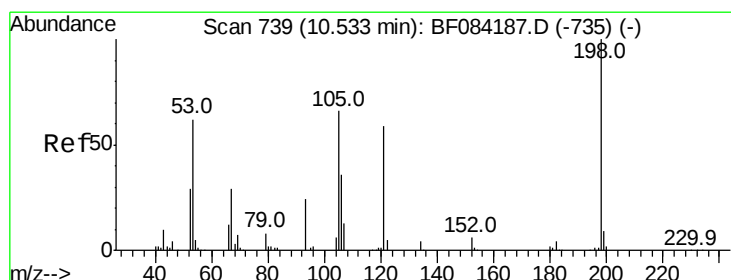
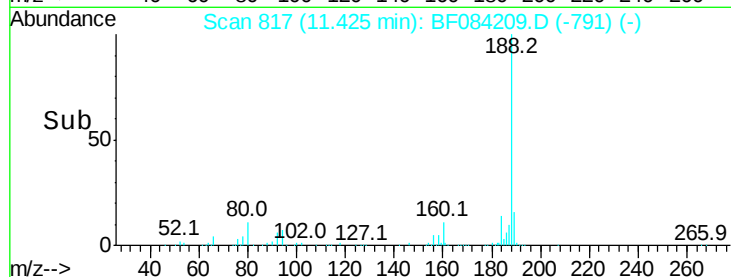
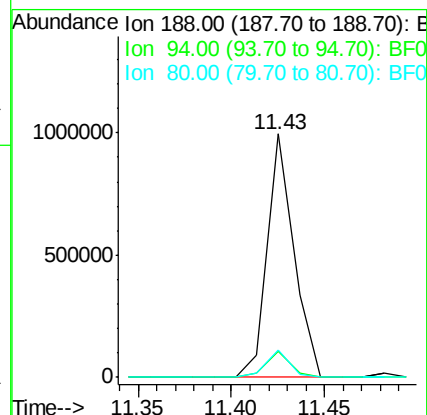
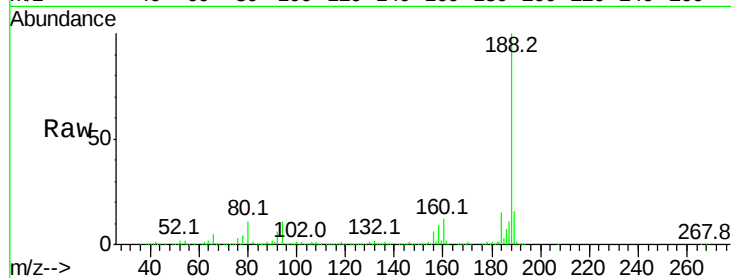
ClientSampled :

PB87627BS

Tot Ion:188	Resp: 981545
Ion Ratio	Lower Upper
188 100	
94 10.6	9.0 13.4
80 11.5	9.6 14.4

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#64

4,6-Dinitro-2-methylphenol

Concen: 38.15 ng

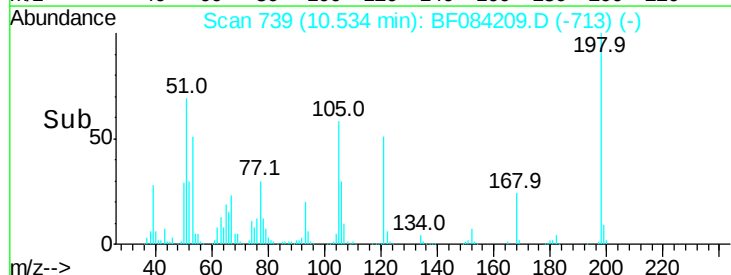
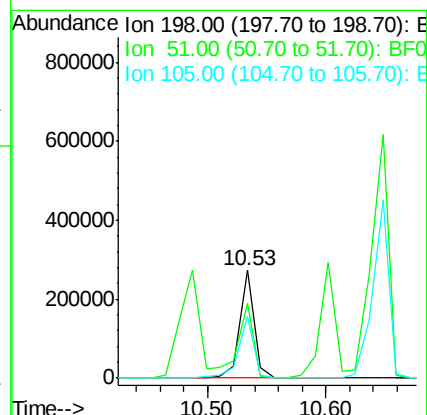
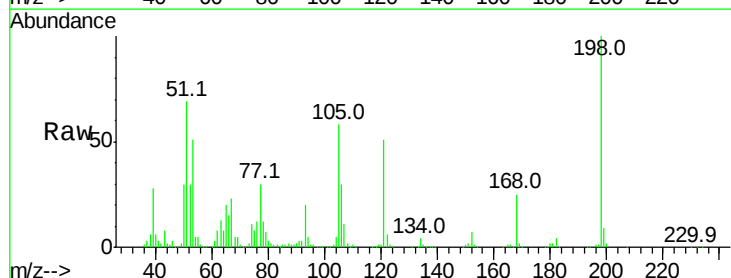
RT: 10.53 min Scan# 739

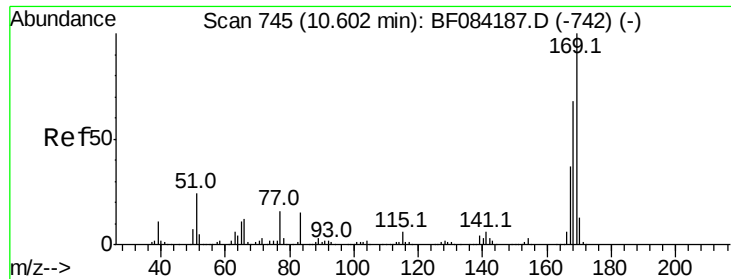
Delta R.T. 0.00 min

Lab File: BF084209.D

Acq: 31 Dec 2015 21:54

Tgt Ion:198	Resp: 228681
Ion Ratio	Lower Upper
198 100	
51 69.3	18.9 58.9#
105 58.0	26.4 66.4





#65

n-Nitrosodiphenylamine

Concen: 39.87 ng

RT: 10.60 min Scan# 745

Delta R.T. 0.00 min

Lab File: BF084209.D

Acq: 31 Dec 2015 21:54

Instrument :

BNA_F

ClientSampleId :

PB87627BS

Tot Ion:169 Resp: 1251359

Ion Ratio Lower Upper

169 100

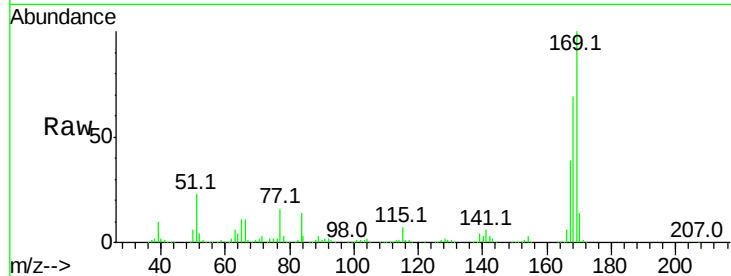
168 69.2 55.1 82.7

167 38.6 30.0 45.0

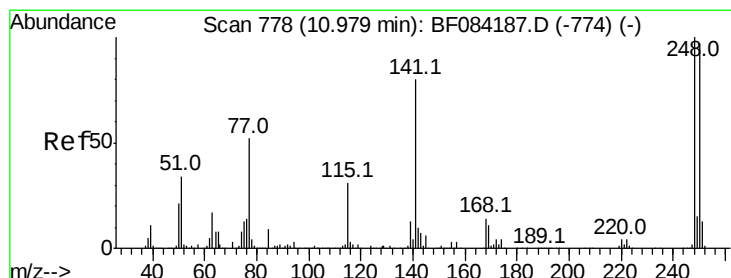
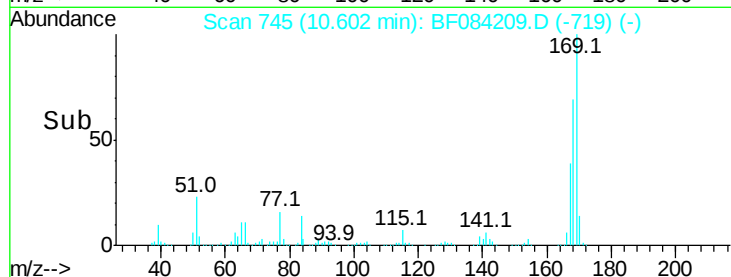
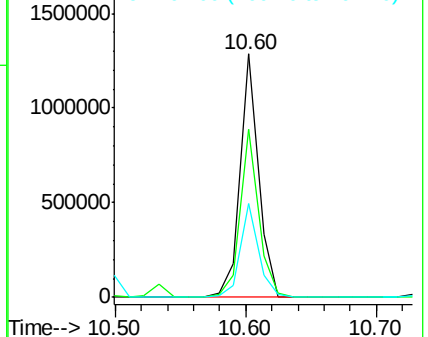
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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 45.76 ng

RT: 10.98 min Scan# 778

Delta R.T. 0.00 min

Lab File: BF084209.D

Acq: 31 Dec 2015 21:54

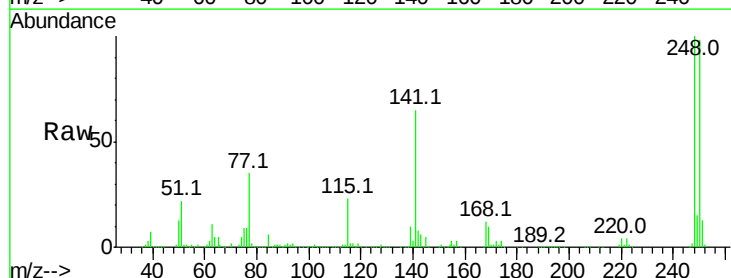
Tgt Ion:248 Resp: 483459

Ion Ratio Lower Upper

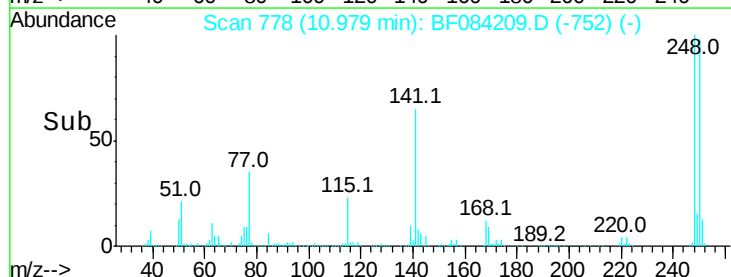
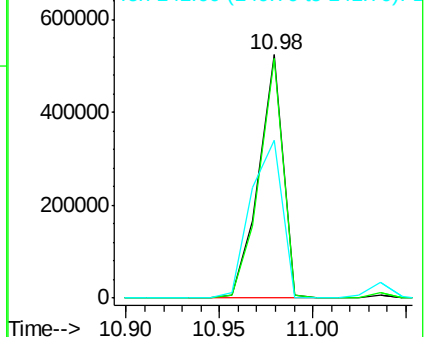
248 100

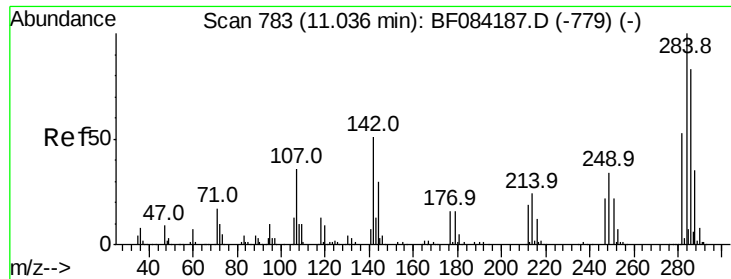
250 98.3 78.4 117.6

141 64.6 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





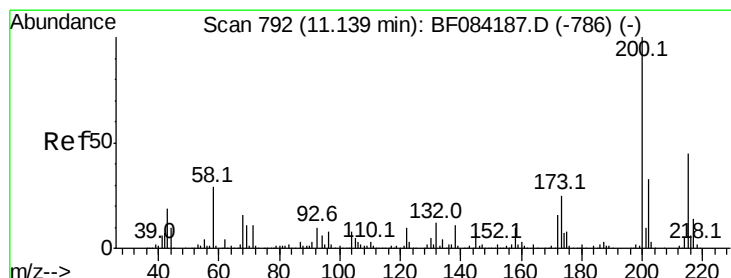
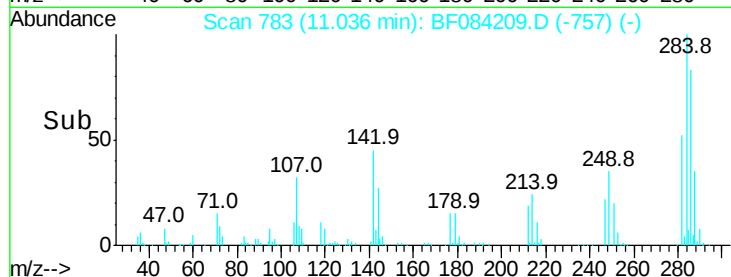
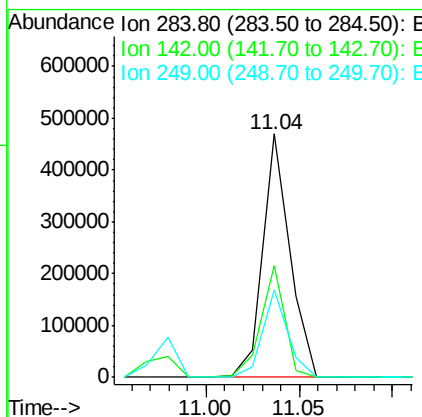
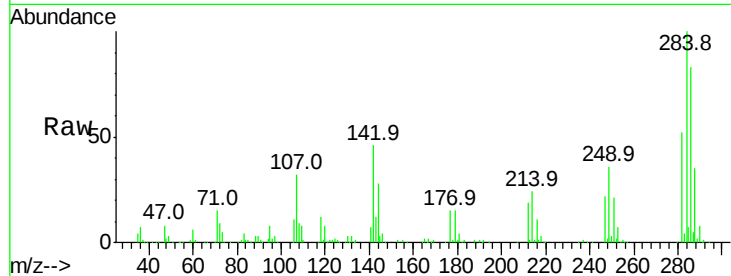
#67
Hexachlorobenzene
Concen: 39.33 ng
RT: 11.04 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF084209.D
Acq: 31 Dec 2015 21:54

Instrument :
BNA_F
ClientSampleId :
PB87627BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	45.8	22.2	33.4	#
249	35.8	24.6	37.0	

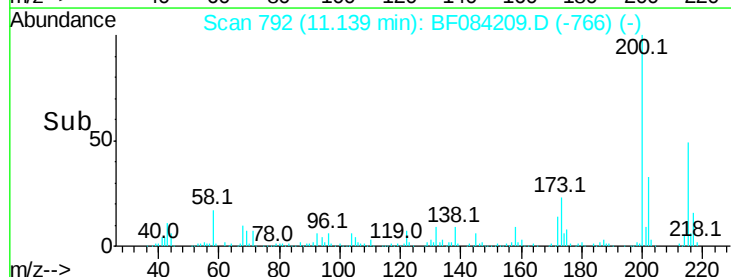
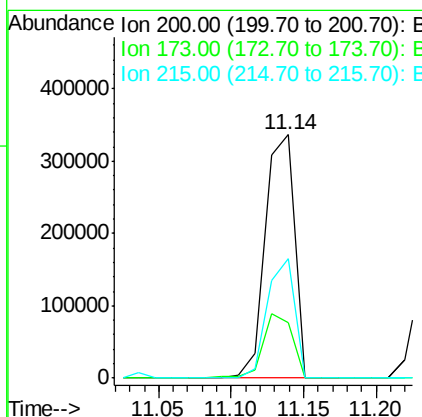
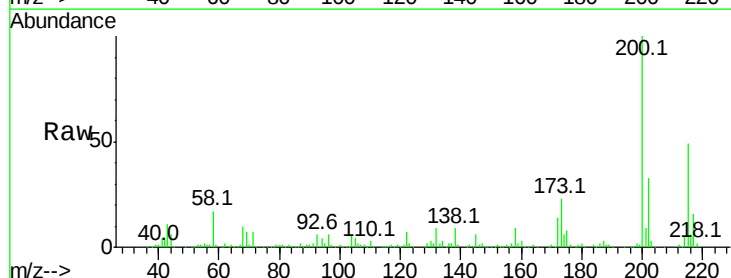
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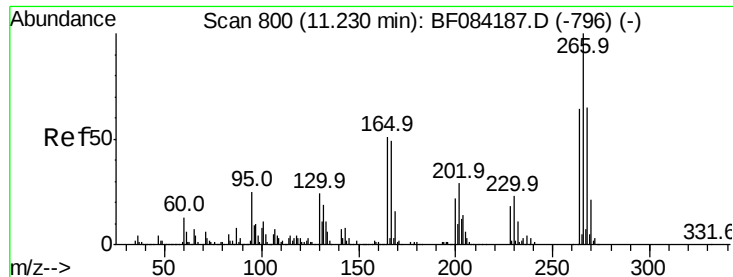
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#68
Atrazine
Concen: 45.76 ng
RT: 11.14 min Scan# 792
Delta R.T. 0.00 min
Lab File: BF084209.D
Acq: 31 Dec 2015 21:54

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	22.5	9.5	49.5	
215	48.9	23.8	63.8	





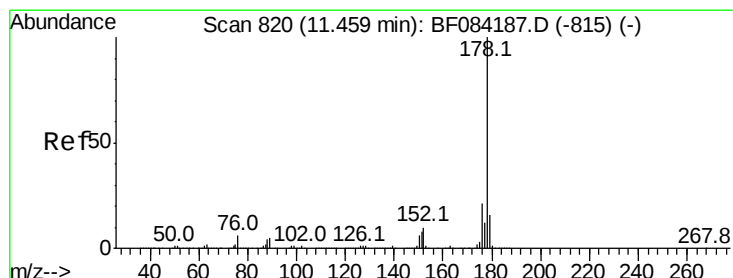
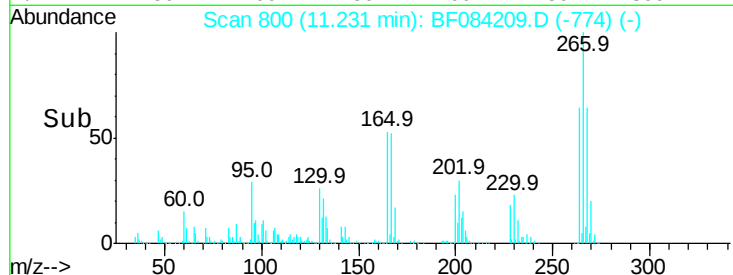
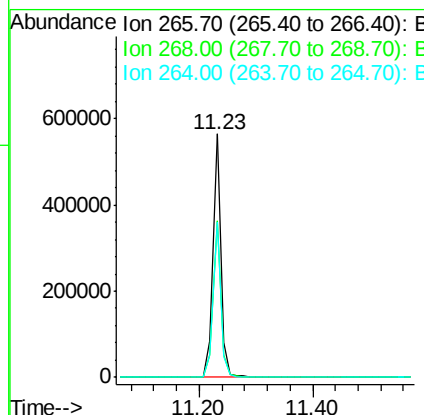
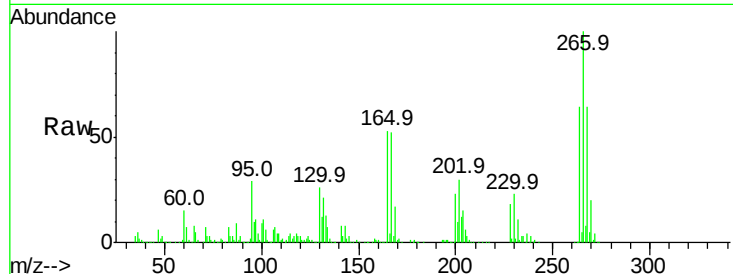
#69
Pentachlorophenol
Concen: 84.19 ng
RT: 11.23 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF084209.D
Acq: 31 Dec 2015 21:54

Instrument :
BNA_F
ClientSampleId :
PB87627BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	519059		
268	64.3	52.4	78.6	
264	63.8	50.2	75.2	

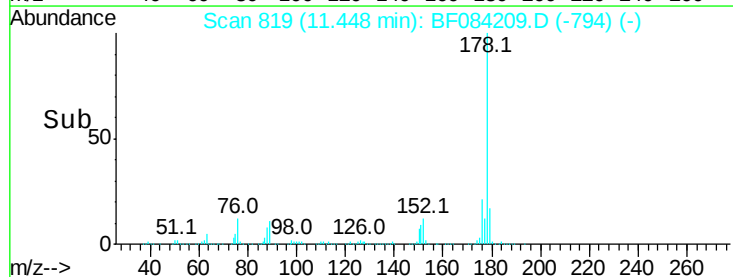
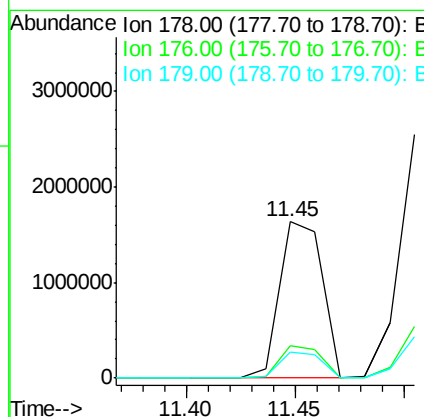
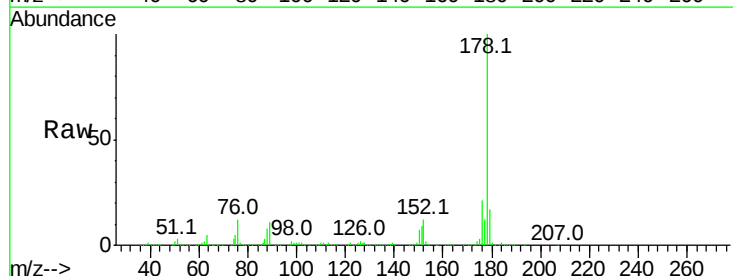
Manual Integrations
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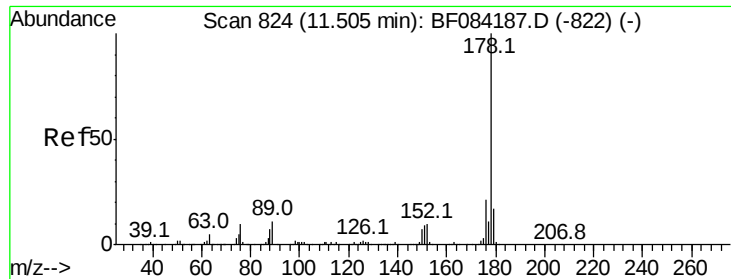
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#70
Phenanthrene
Concen: 43.76 ng
RT: 11.45 min Scan# 819
Delta R.T. -0.01 min
Lab File: BF084209.D
Acq: 31 Dec 2015 21:54

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	2246930		
176	20.7	15.3	22.9	
179	16.8	12.0	18.0	





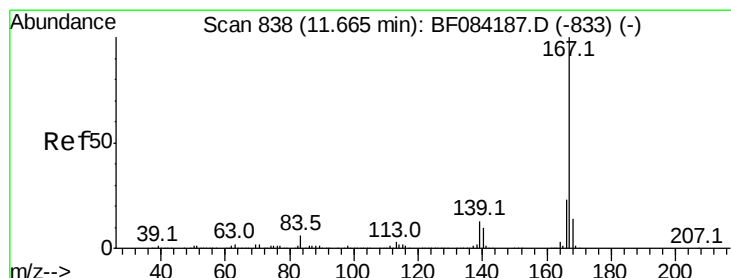
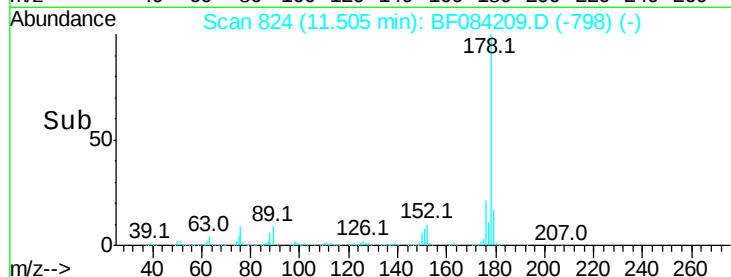
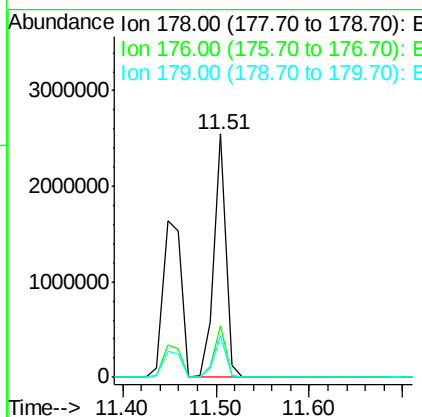
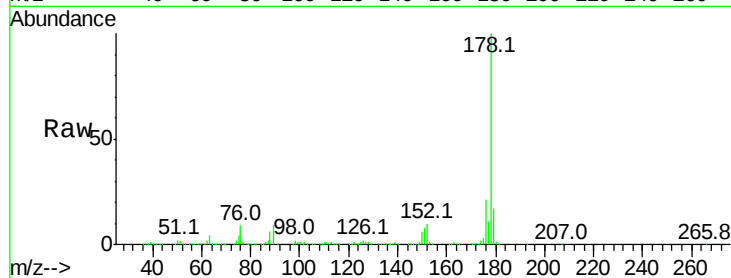
#71
 Anthracene
 Concen: 44.77 ng
 RT: 11.51 min Scan# 824
 Delta R.T. 0.00 min
 Lab File: BF084209.D
 Acq: 31 Dec 2015 21:54

Instrument :
 BNA_F
 ClientSampleId :
 PB87627BS

Tot Ion:178 Resp: 2253207
 Ion Ratio Lower Upper
 178 100
 176 21.0 15.4 23.0
 179 17.2 12.5 18.7

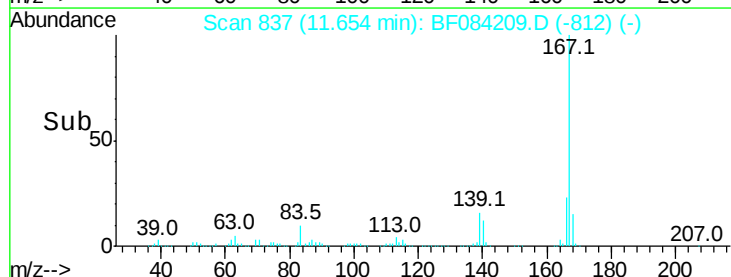
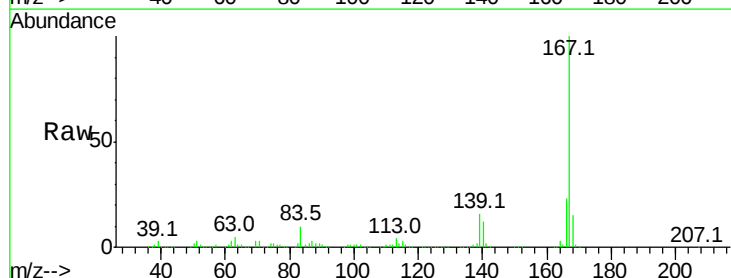
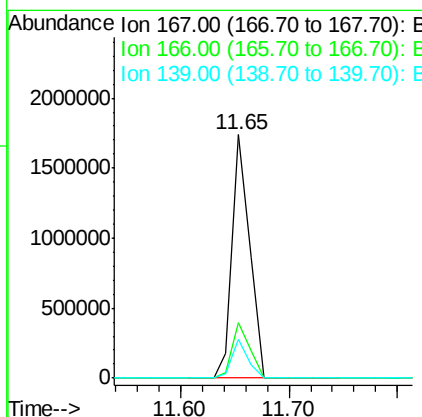
Manual Integrations
 APPROVED

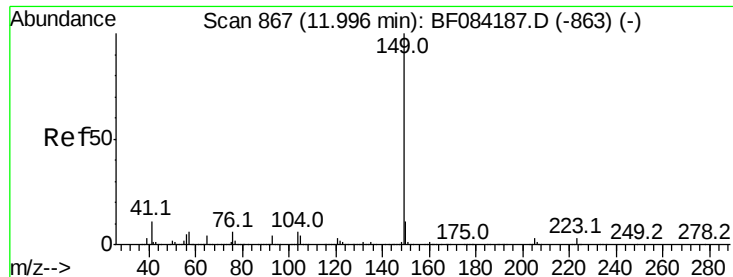
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#72
 Carbazole
 Concen: 38.98 ng
 RT: 11.65 min Scan# 837
 Delta R.T. -0.01 min
 Lab File: BF084209.D
 Acq: 31 Dec 2015 21:54

Tgt Ion:167 Resp: 1918168
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.6 26.4
 139 15.9 11.8 17.8





#73

Di-n-butylphthalate

Concen: 50.23 ng

RT: 12.00 min Scan# 867

Delta R.T. 0.00 min

Lab File: BF084209.D

Acq: 31 Dec 2015 21:54

Instrument :

BNA_F

ClientSampleId :

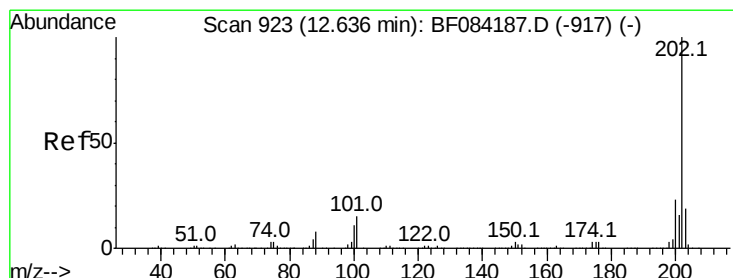
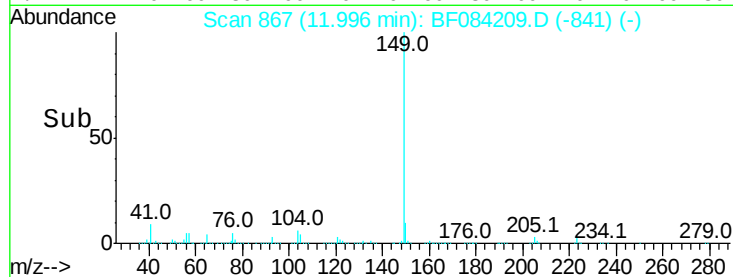
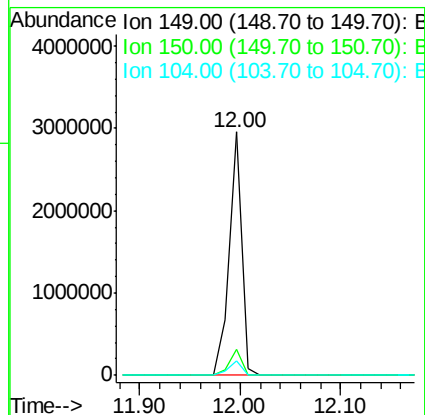
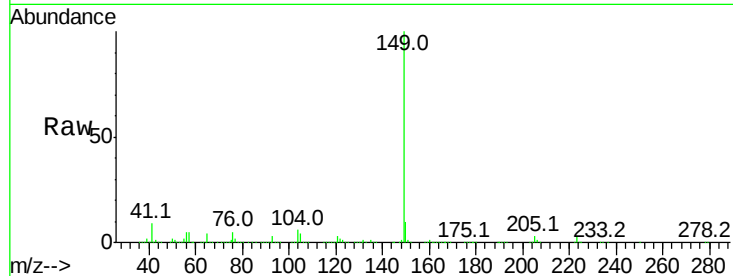
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Tot Ion	Ratio	Lower	Upper
149	100		
150	10.5	7.1	10.7
104	6.0	3.2	4.8



#74

Fluoranthene

Concen: 39.48 ng

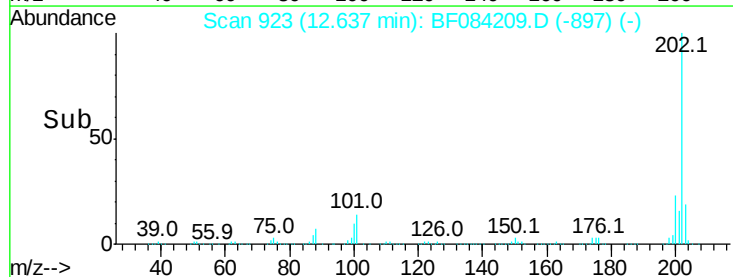
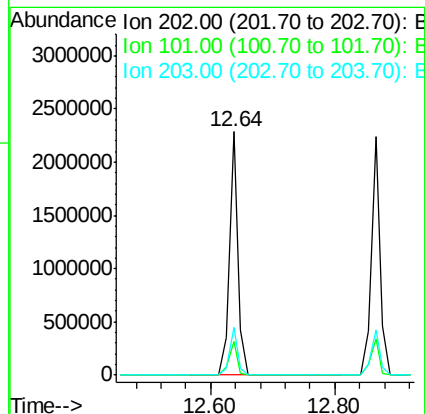
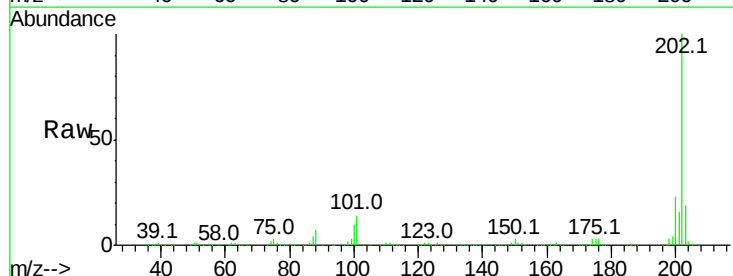
RT: 12.64 min Scan# 923

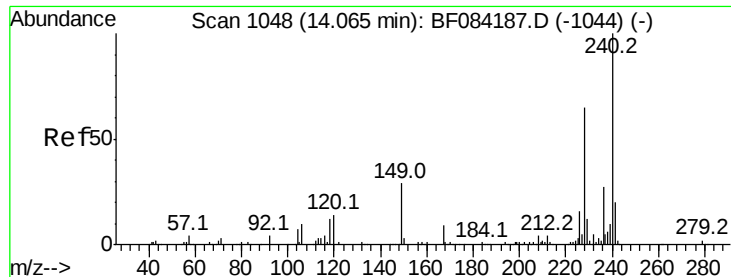
Delta R.T. 0.00 min

Lab File: BF084209.D

Acq: 31 Dec 2015 21:54

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.6	0.0	32.8
203	19.5	0.0	37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.07 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF084209.D

Acq: 31 Dec 2015 21:54

Instrument :

BNA_F

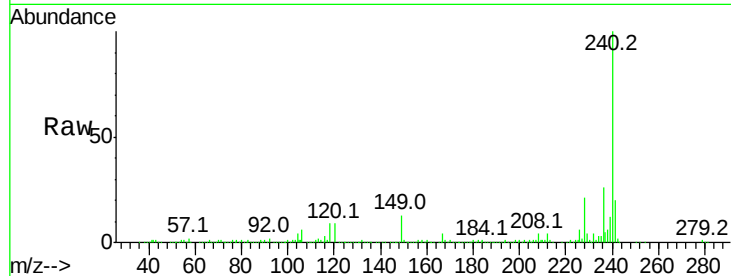
ClientSampleId :

PB87627BS

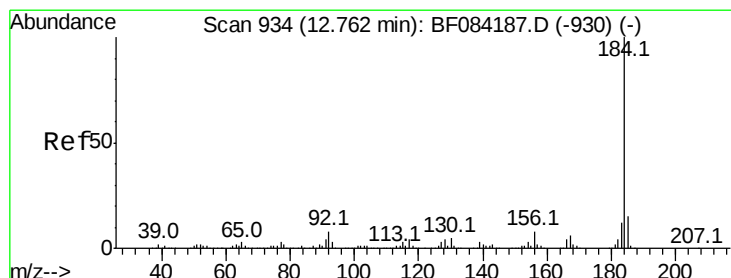
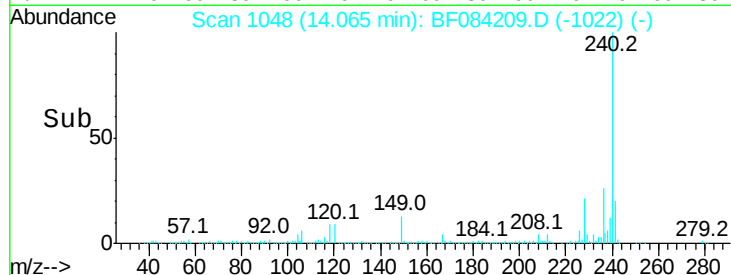
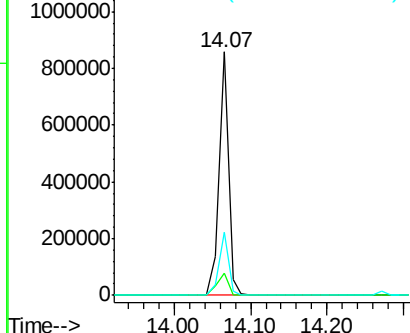
Tot Ion:	240	Resp:	730757
Ion Ratio	Lower	Upper	
240	100		
120	8.9	9.5	14.3#
236	26.1	20.6	31.0

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



#76

Benzidine

Concen: 26.73 ng

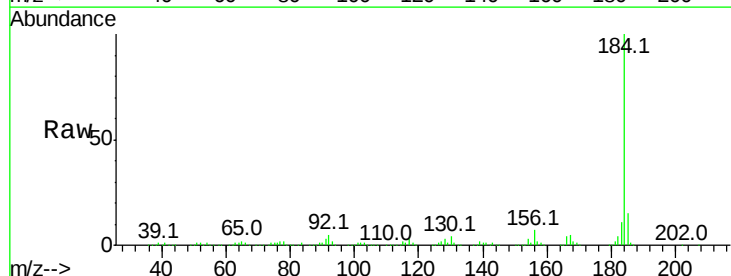
RT: 12.76 min Scan# 934

Delta R.T. 0.00 min

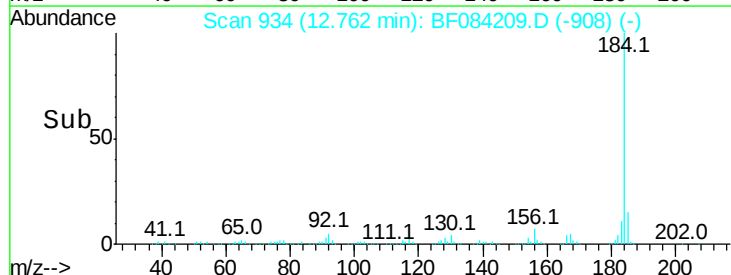
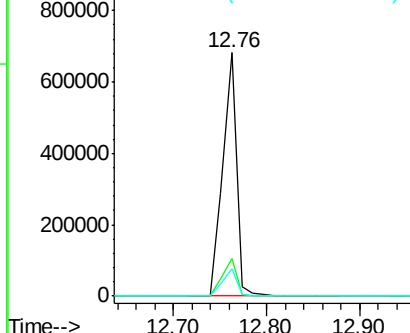
Lab File: BF084209.D

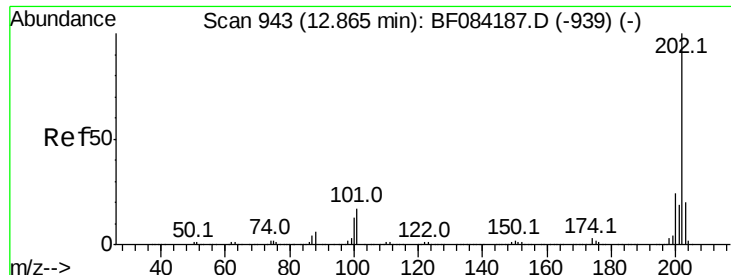
Acq: 31 Dec 2015 21:54

Tgt Ion:	184	Resp:	700300
Ion Ratio	Lower	Upper	
184	100		
185	15.4	12.2	18.2
183	11.4	9.8	14.8



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





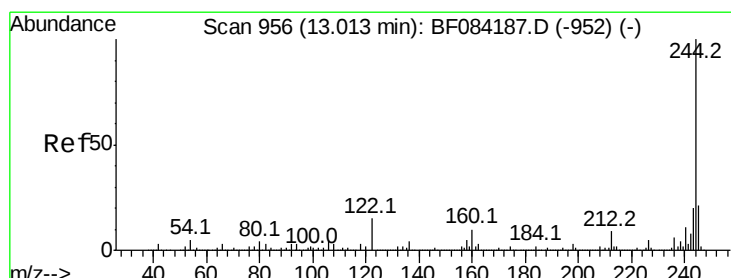
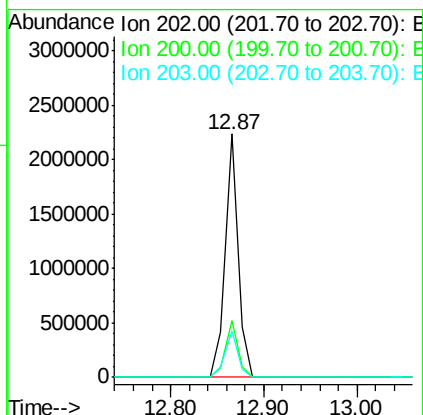
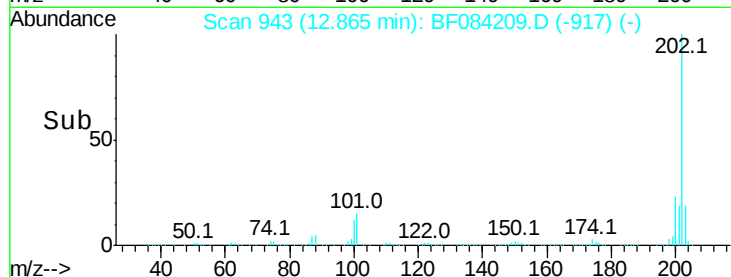
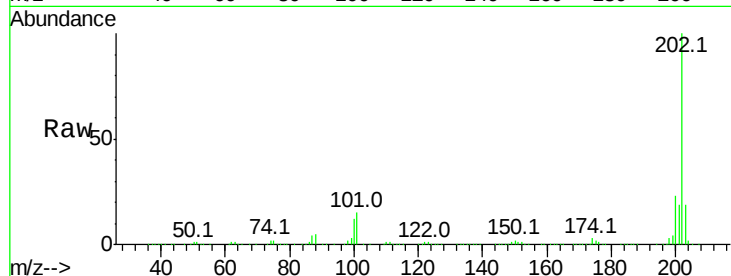
#77
Pvrene
Concen: 37.49 ng
RT: 12.87 min Scan# 943
Delta R.T. 0.00 min
Lab File: BF084209.D
Acq: 31 Dec 2015 21:54

Instrument :
BNA_F
ClientSampleId :
PB87627BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	23.1	17.2	25.8
203	19.2	14.3	21.5

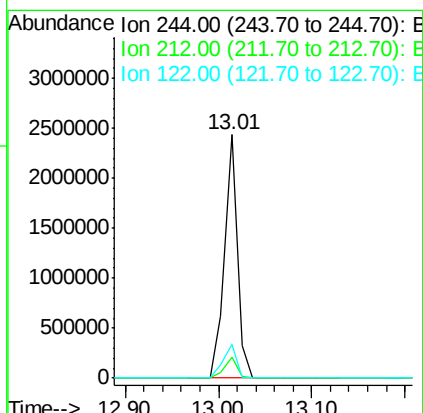
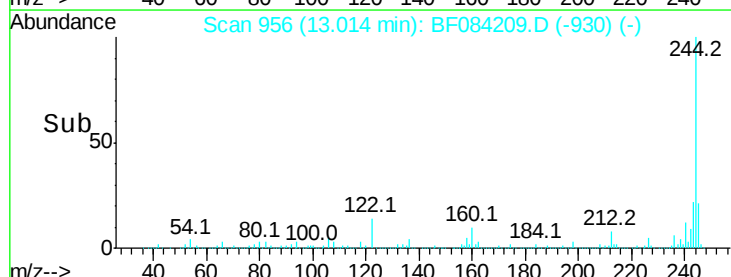
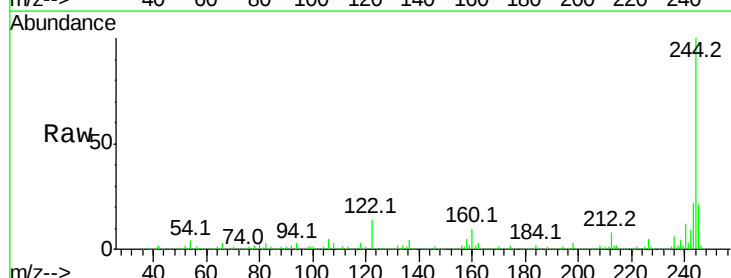
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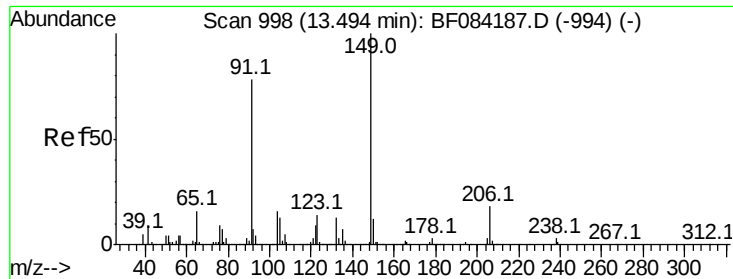
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#78
Terphenyl-d14
Concen: 71.45 ng
RT: 13.01 min Scan# 956
Delta R.T. 0.00 min
Lab File: BF084209.D
Acq: 31 Dec 2015 21:54

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.5	5.7	8.5
122	14.0	7.4	11.0





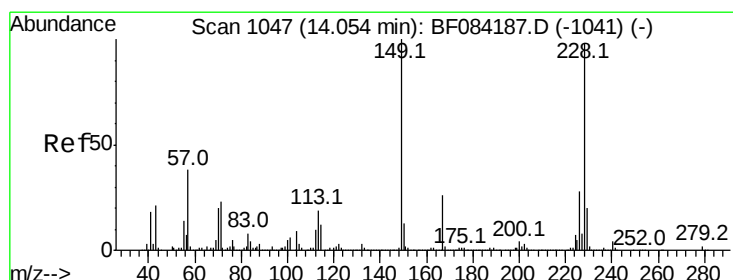
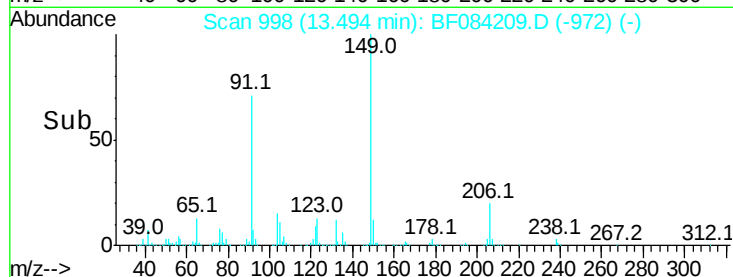
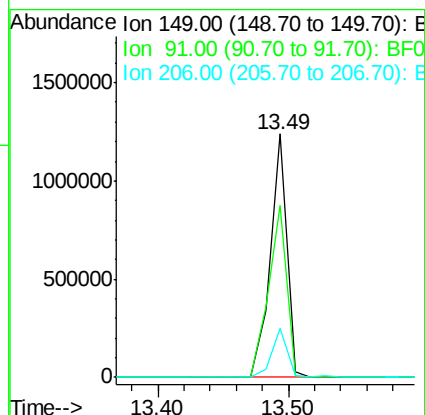
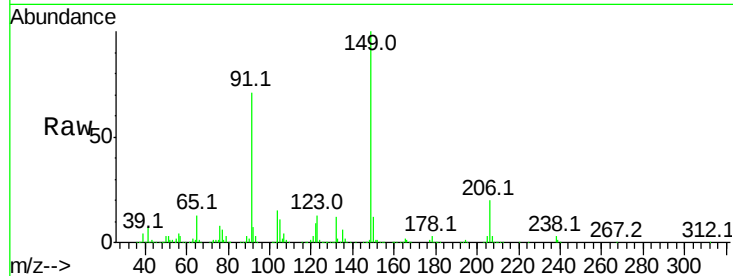
#79
Butylbenzylphthalate
Concen: 44.67 ng
RT: 13.49 min Scan# 998
Delta R.T. 0.00 min
Lab File: BF084209.D
Acq: 31 Dec 2015 21:54

Instrument :
BNA_F
ClientSampleId :
PB87627BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	70.6	57.6	86.4
206	20.3	13.2	19.8

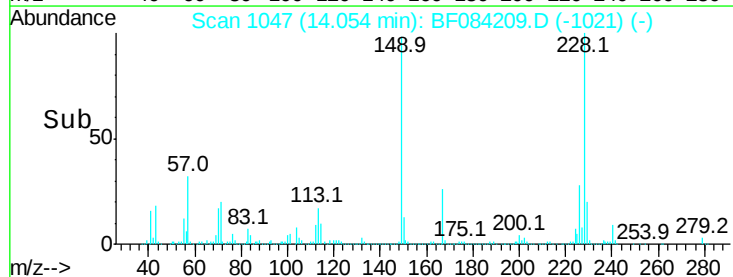
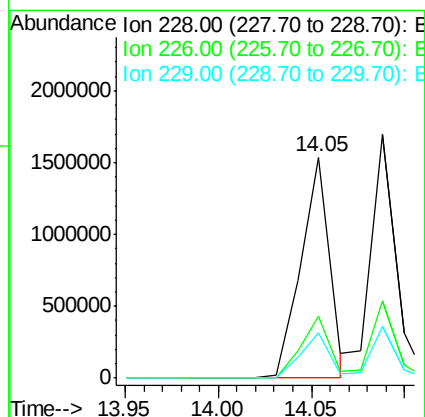
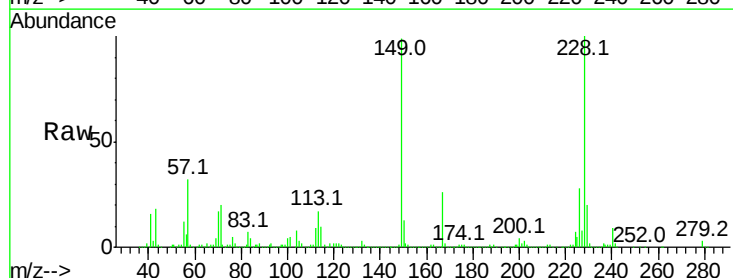
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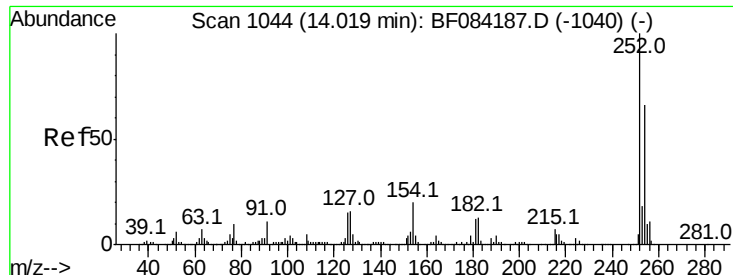
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#80
Benzo(a)anthracene
Concen: 38.63 ng
RT: 14.05 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF084209.D
Acq: 31 Dec 2015 21:54

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	21.8	32.6
229	20.2	15.8	23.8





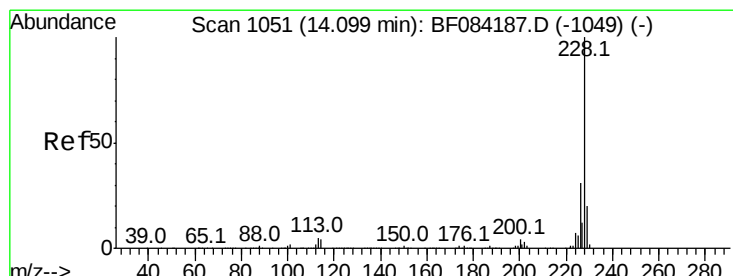
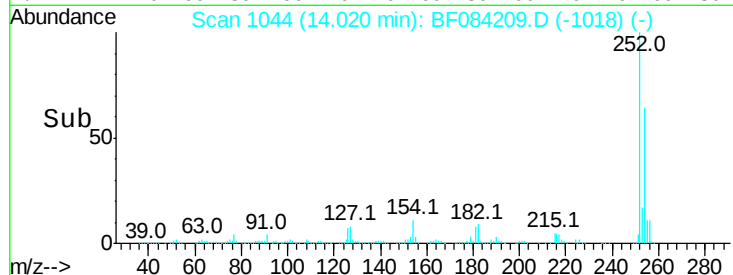
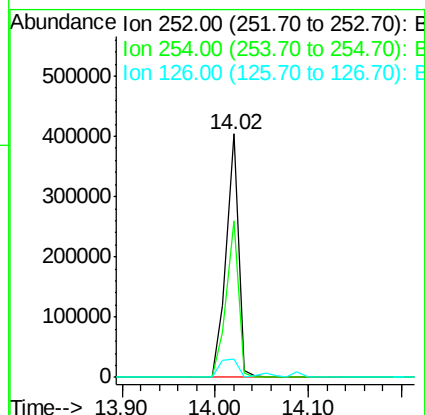
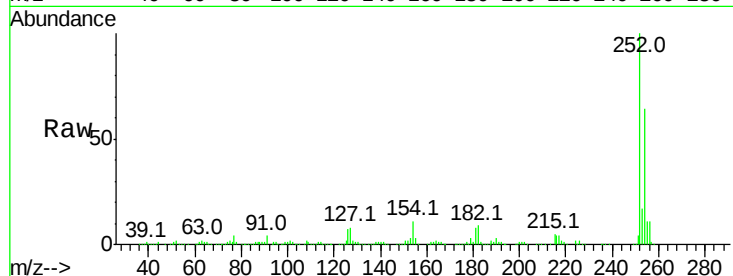
#81
 3,3'-Dichlorobenzidine
 Concen: 24.78 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BF084209.D
 Acq: 31 Dec 2015 21:54

Instrument :
 BNA_F
 ClientSampleId :
 PB87627BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	371100		
254	64.5	53.5	80.3	
126	7.5	4.9	7.3	

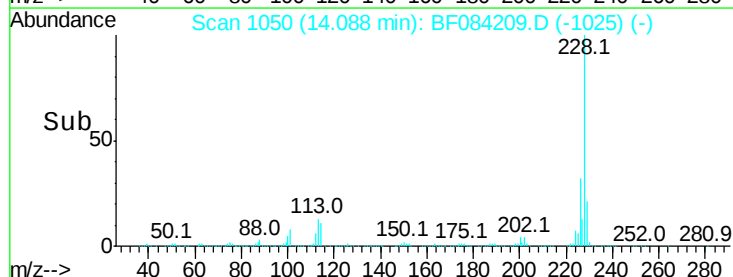
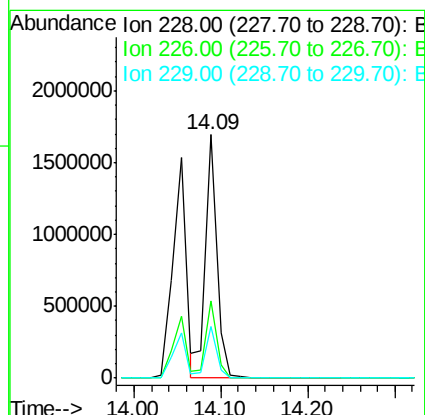
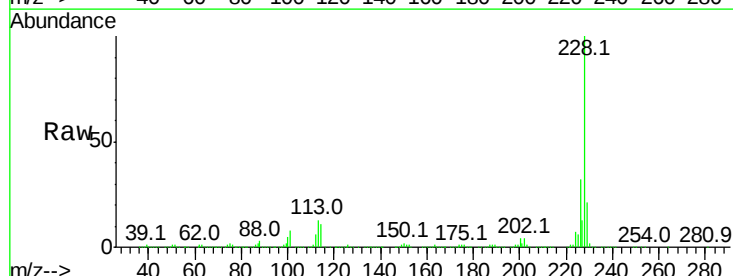
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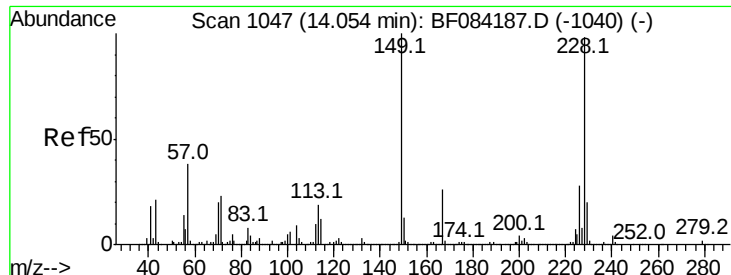
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#82
 Chrysene
 Concen: 37.25 ng
 RT: 14.09 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: BF084209.D
 Acq: 31 Dec 2015 21:54

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1535809		
226	31.9	24.3	36.5	
229	21.0	16.1	24.1	





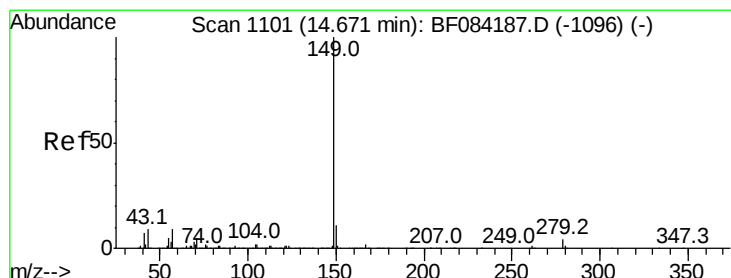
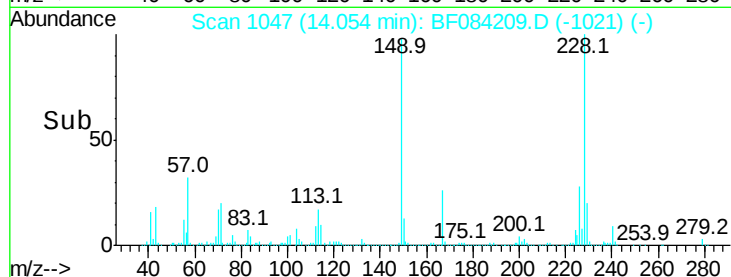
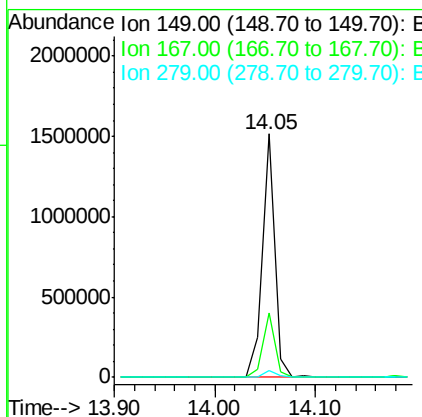
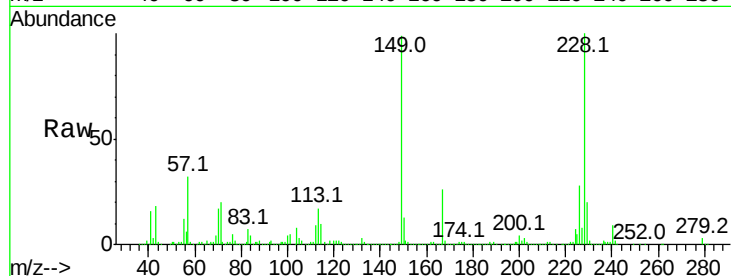
#83
Bis(2-ethylhexyl)phthalate
Concen: 41.44 ng
RT: 14.05 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF084209.D
Acq: 31 Dec 2015 21:54

Instrument :
BNA_F
ClientSampleId :
PB87627BS

Tot Ion:149 Resp: 1299286
Ion Ratio Lower Upper
149 100
167 26.4 19.7 29.5
279 2.8 1.8 2.6#

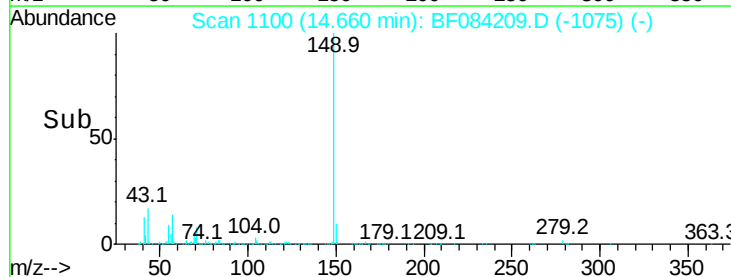
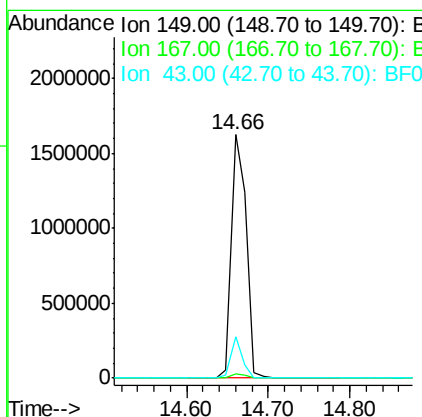
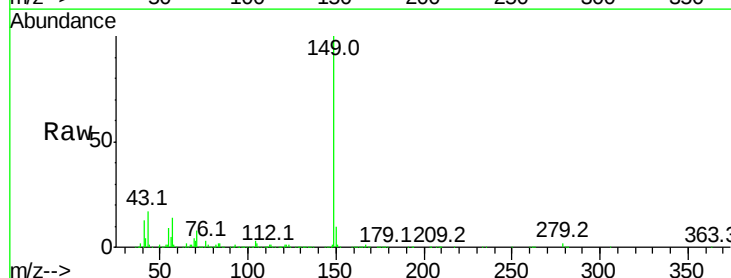
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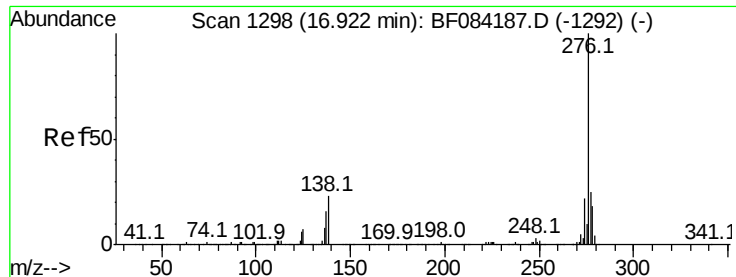
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#84
Di-n-octyl phthalate
Concen: 38.44 ng
RT: 14.66 min Scan# 1100
Delta R.T. -0.01 min
Lab File: BF084209.D
Acq: 31 Dec 2015 21:54

Tgt Ion:149 Resp: 2034289
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 12.9 5.6 8.4#





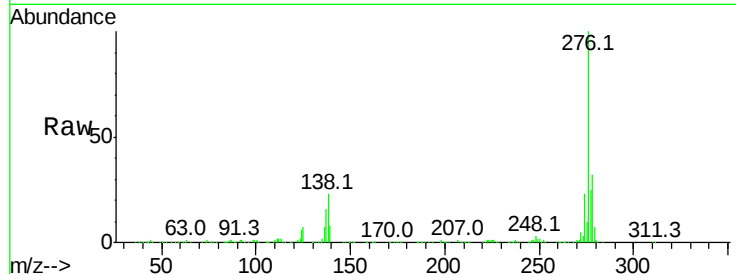
#85
Indeno(1,2,3-cd)pyrene
Concen: 42.95 ng
RT: 16.92 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BF084209.D
Acq: 31 Dec 2015 21:54

Instrument :
BNA_F
ClientSampleId :
PB87627BS

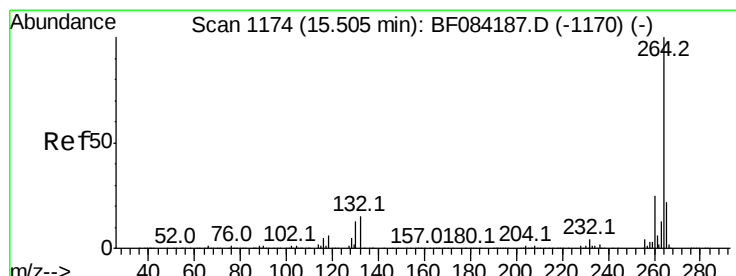
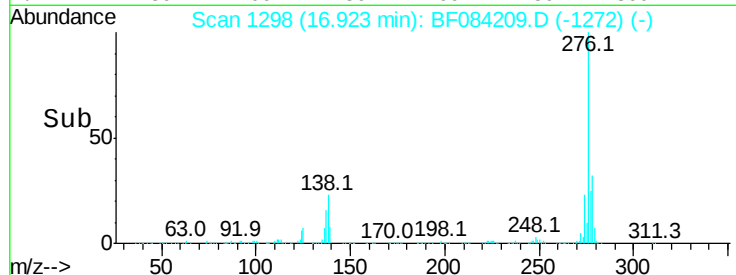
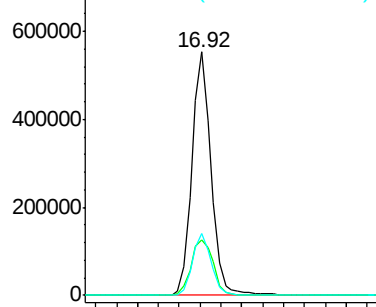
Tot Ion	Ratio	Lower	Upper
276	100		
138	26.5	20.6	30.8
277	25.1	20.1	30.1

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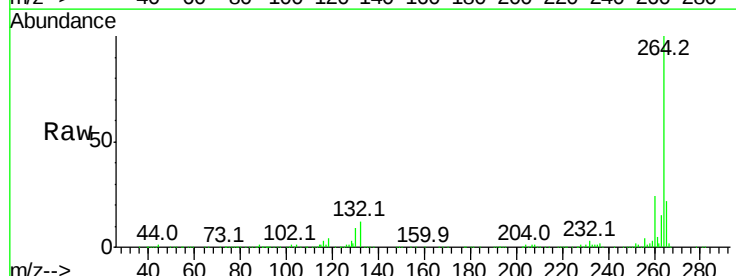


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

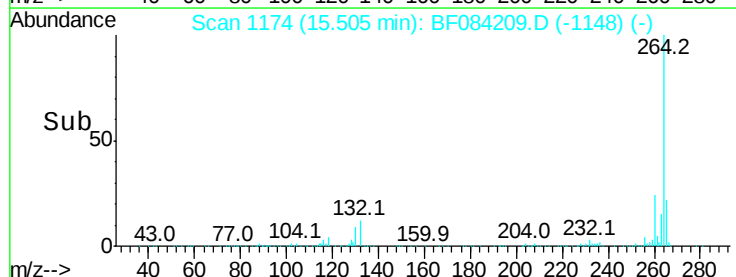
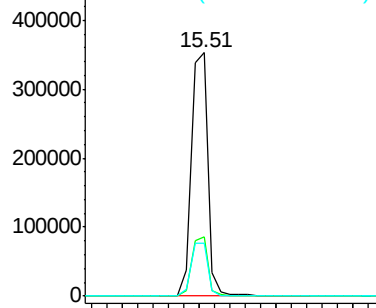


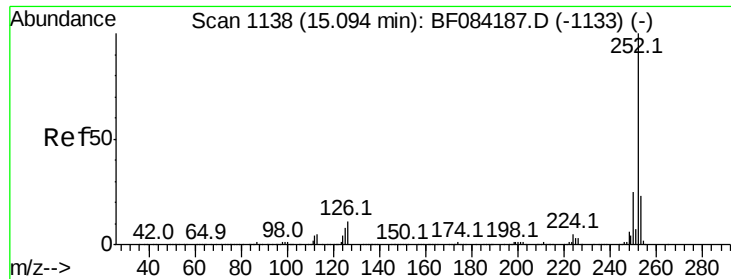
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BF084209.D
Acq: 31 Dec 2015 21:54

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.4	29.2
265	21.7	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





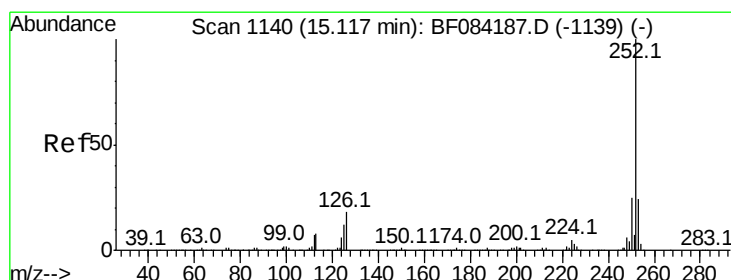
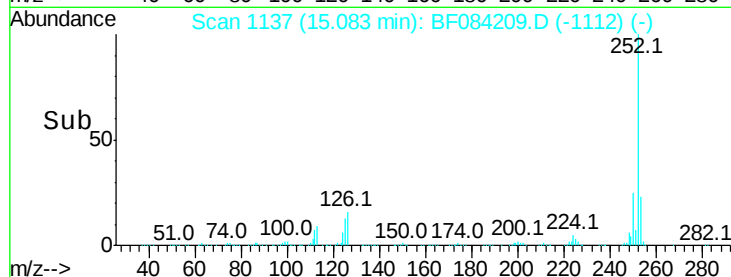
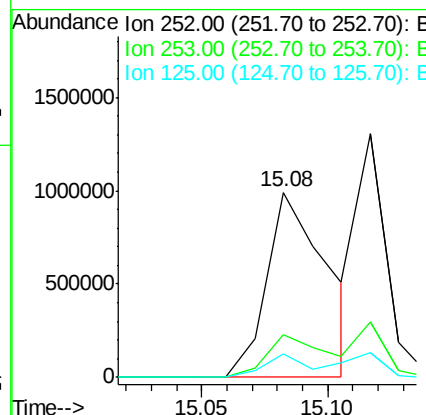
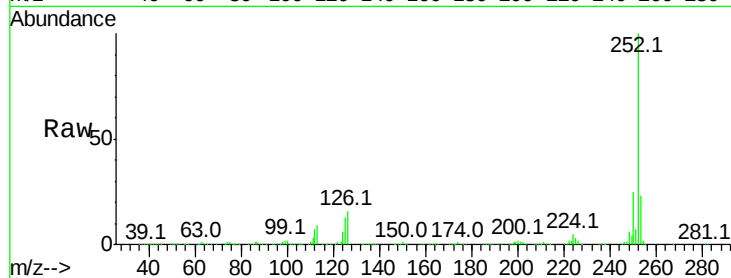
#87
Benzo(b)fluoranthene
Concen: 47.35 ng m
RT: 15.08 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BF084209.D
Acq: 31 Dec 2015 21:54

Instrument :
BNA_F
ClientSampleId :
PB87627BS

Tot Ion:252 Resp: 1659646
Ion Ratio Lower Upper
252 100
253 23.1 17.3 25.9
125 12.5 6.5 9.7#

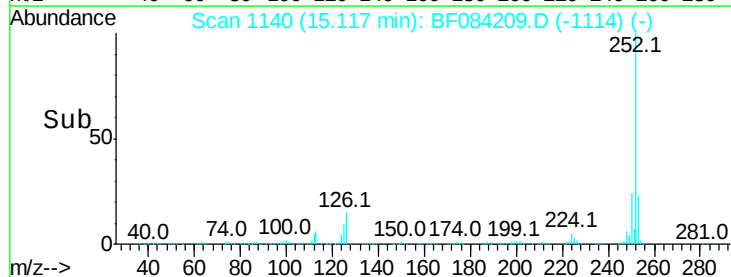
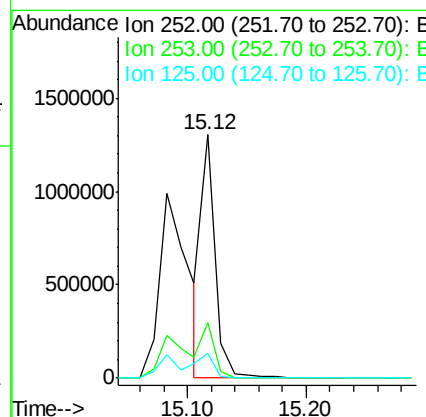
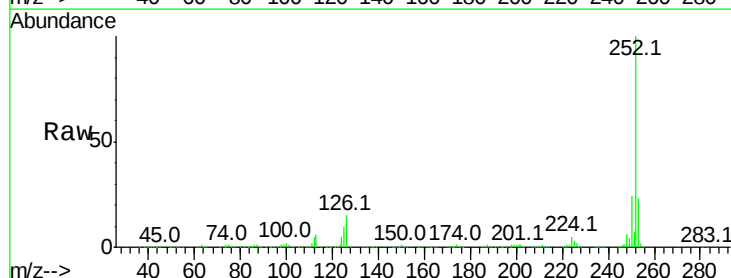
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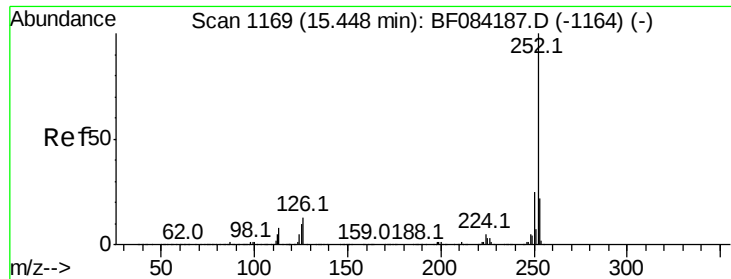
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#88
Benzo(k)fluoranthene
Concen: 37.31 ng m
RT: 15.12 min Scan# 1140
Delta R.T. 0.00 min
Lab File: BF084209.D
Acq: 31 Dec 2015 21:54

Tgt Ion:252 Resp: 1069614
Ion Ratio Lower Upper
252 100
253 22.7 18.1 27.1
125 10.0 9.0 13.6





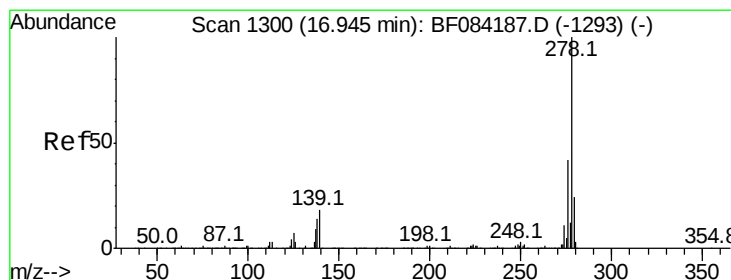
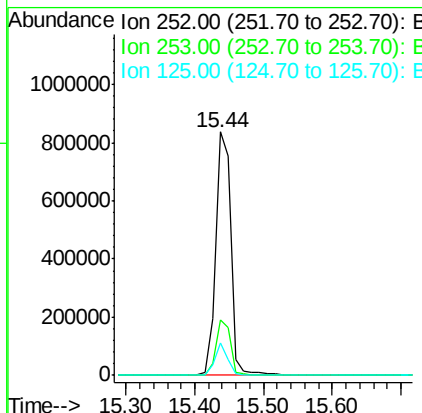
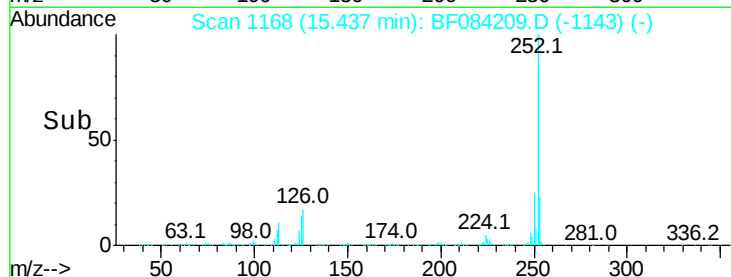
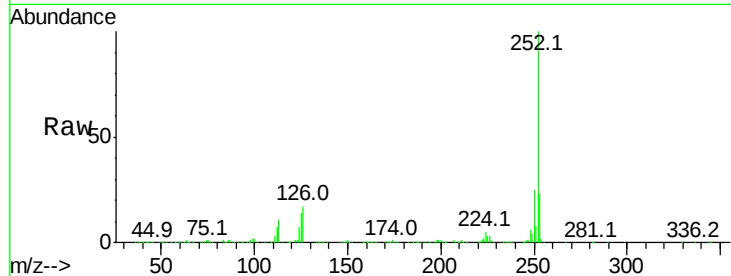
#89
Benzo(a)pyrene
Concen: 43.77 ng
RT: 15.44 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BF084209.D
Acq: 31 Dec 2015 21:54

Instrument :
BNA_F
ClientSampleId :
PB87627BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.3	25.9
125	13.6	7.0	10.4

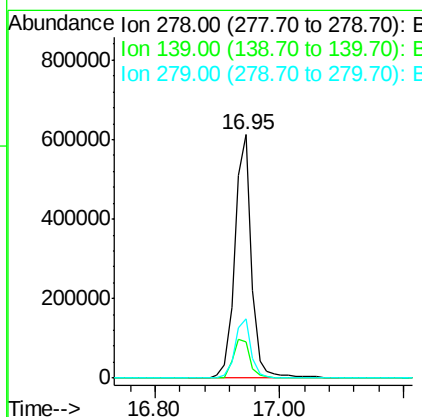
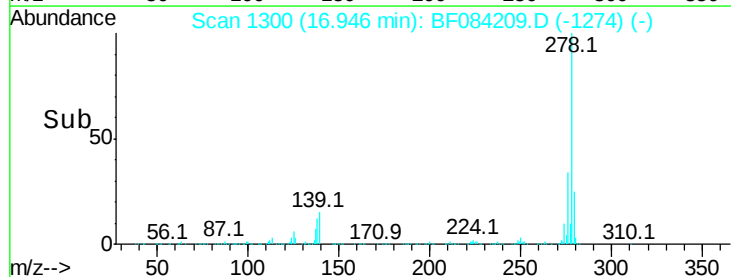
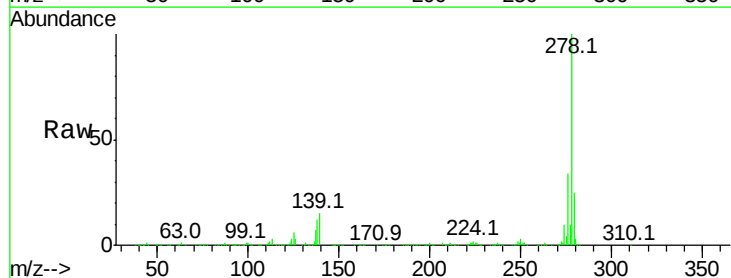
Manual Integrations
APPROVED

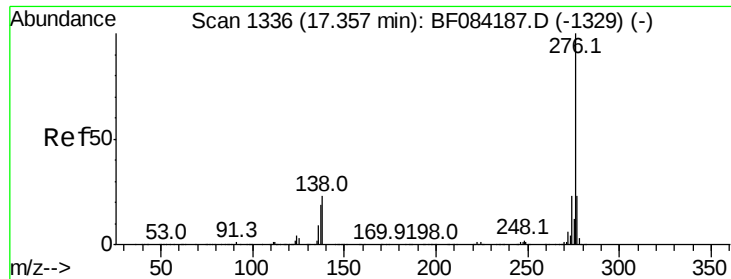
UMANGI
1/4/2016 4:29:04 PM



#90
Dibenzo(a,h)anthracene
Concen: 44.73 ng
RT: 16.95 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BF084209.D
Acq: 31 Dec 2015 21:54

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.1	15.0	22.4
279	24.5	18.9	28.3





#91
 Benzo(a,h,i)perylene
 Concen: 44.99 ng
 RT: 17.35 min Scan# 1335
 Delta R.T. -0.01 min
 Lab File: BF084209.D
 Acq: 31 Dec 2015 21:54

Instrument :
 BNA_F
 ClientSampleId :
 PB87627BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.8	28.2
138	24.5	17.8	26.6

Manual Integrations
 APPROVED

UMANGI
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