

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010716\
 Data File : BF084310.D
 Acq On : 7 Jan 2016 17:29
 Operator : SJ/UM
 Sample : H1028-04MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW002MSD

Manual Integrations
 APPROVED

UMANGI
 1/8/2016 10:42:58 AM

Quant Time: Jan 08 01:10:17 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 12:22:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	230853	20.00	ng	-0.03
21) Naphthalene-d8	8.16	136	998091	20.00	ng	-0.03
38) Acenaphthene-d10	9.90	164	448686	20.00	ng	-0.05
63) Phenanthrene-d10	11.39	188	811805	20.00	ng	-0.03
75) Chrysene-d12	14.03	240	702116	20.00	ng	-0.03
86) Perylene-d12	15.46	264	555121	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1372315	96.15	ng	-0.01
7) Phenol-d6	6.51	99	1876615	104.69	ng	-0.02
23) Nitrobenzene-d5	7.44	82	1134132	63.24	ng	-0.03
41) 2,4,6-Tribromophenol	10.70	330	467753	103.26	ng	-0.03
44) 2-Fluorobiphenyl	9.23	172	1744817	67.07	ng	-0.03
78) Terphenyl-d14	12.98	244	1824307	58.00	ng	-0.03

Target Compounds						Qvalue
2) 1,4-Dioxane	2.51	88	193005	28.55	ng	# 72
3) Pyridine	3.24	79	485641	25.76	ng	# 76
4) n-Nitrosodimethylamine	3.18	42	306355	31.66	ng	79
6) Aniline	6.53	93	635228	24.22	ng	# 83
8) 2-Chlorophenol	6.66	128	584811	36.12	ng	98
9) Benzaldehyde	6.41	77	155242	13.30	ng	92
10) Phenol	6.53	94	658285	32.30	ng	79
11) bis(2-Chloroethyl)ether	6.60	93	540847	34.26	ng	# 80
12) 1,3-Dichlorobenzene	6.81	146	562277m	33.66	ng	
13) 1,4-Dichlorobenzene	6.89	146	599972	35.82	ng	94
14) 1,2-Dichlorobenzene	7.04	146	511466	31.88	ng	95
15) Benzyl Alcohol	7.01	79	468302	31.06	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.15	45	888213	30.89	ng	84
17) 2-Methylphenol	7.14	107	465143	34.27	ng	95
18) Hexachloroethane	7.38	117	211279	31.54	ng	93
19) n-Nitroso-di-n-propylamine	7.29	70	403120	33.22	ng	# 74
20) 3+4-Methylphenols	7.29	107	537415	33.69	ng	# 71
22) Acetophenone	7.28	105	773140	32.21	ng	# 93
24) Nitrobenzene	7.46	77	627603	34.50	ng	89
25) Isophorone	7.70	82	1113887	32.48	ng	96
26) 2-Nitrophenol	7.77	139	276583	33.41	ng	# 77
27) 2,4-Dimethylphenol	7.81	122	469841	28.04	ng	96
28) bis(2-Chloroethoxy)methane	7.90	93	633911	30.26	ng	99
29) 2,4-Dichlorophenol	8.02	162	489200	35.05	ng	98
30) 1,2,4-Trichlorobenzene	8.10	180	493515	34.25	ng	# 96
31) Naphthalene	8.18	128	1561559	34.48	ng	99
32) Benzoic acid	7.89	122	70167	11.91	ng	95
33) 4-Chloroaniline	8.22	127	391003	18.83	ng	97
34) Hexachlorobutadiene	8.29	225	261850	31.61	ng	98
35) Caprolactam	8.59	113	151467m	32.19	ng	
36) 4-Chloro-3-methylphenol	8.72	107	493015	31.53	ng	93
37) 2-Methylnaphthalene	8.86	142	978249	30.09	ng	95
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	454525	35.24	ng	98
40) Hexachlorocyclopentadiene	9.02	237	508809	65.34	ng	98

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Quant Time: Jan 08 01:10:17 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 12:22:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	327020	33.89	nq	95
43) 2,4,5-Trichlorophenol	9.20	196	317331	34.30	nq	95
45) 1,1'-Biphenyl	9.33	154	1283796	36.00	nq	99
46) 2-Chloronaphthalene	9.36	162	951556	33.97	nq	94
47) 2-Nitroaniline	9.46	65	317034	34.29	nq #	59
48) Acenaphthylene	9.77	152	1375799	33.25	nq	97
49) Dimethylphthalate	9.64	163	1328425	41.41	nq #	91
50) 2,6-Dinitrotoluene	9.70	165	274186	38.97	nq #	87
51) Acenaphthene	9.94	154	963124	34.70	nq	98
52) 3-Nitroaniline	9.87	138	235958	27.07	nq #	70
53) 2,4-Dinitrophenol	9.97	184	143195	49.21	nq #	74
54) Dibenzofuran	10.11	168	1252415	34.12	nq #	90
55) 4-Nitrophenol	10.04	139	454109	71.76	nq	90
56) 2,4-Dinitrotoluene	10.10	165	363523	40.83	nq	95
57) Fluorene	10.45	166	894143	31.45	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.24	232	270597	34.26	nq	92
59) Diethylphthalate	10.34	149	1135182	35.89	nq	98
60) 4-Chlorophenyl-phenylether	10.45	204	484579	40.52	nq	92
61) 4-Nitroaniline	10.48	138	232817	29.96	nq	95
62) Azobenzene	10.61	77	1215619	35.04	nq	96
64) 4,6-Dinitro-2-methylphenol	10.50	198	129184	26.98	nq #	45
65) n-Nitrosodiphenylamine	10.57	169	828208	31.91	nq	99
66) 4-Bromophenyl-phenylether	10.94	248	299643	34.29	nq	96
67) Hexachlorobenzene	11.00	284	317864	32.32	nq #	89
68) Atrazine	11.10	200	308378	36.31	nq	92
69) Pentachlorophenol	11.20	266	259393	50.87	nq	98
70) Phenanthrene	11.41	178	1392356	32.79	nq	97
71) Anthracene	11.47	178	1551308	37.27	nq	99
72) Carbazole	11.63	167	1404260	34.51	nq	98
73) Di-n-butylphthalate	11.96	149	1743355	38.89	nq #	97
74) Fluoranthene	12.60	202	1450132	32.69	nq	98
76) Benzidine	12.73	184	633273	25.16	nq	98
77) Pyrene	12.83	202	1516361	27.52	nq	97
79) Butylbenzylphthalate	13.46	149	740659	31.06	nq #	84
80) Benzo(a)anthracene	14.02	228	1188474	28.83	nq	98
81) 3,3'-Dichlorobenzidine	13.99	252	344883	23.97	nq #	97
82) Chrysene	14.05	228	1149394	29.01	nq	99
83) Bis(2-ethylhexyl)phthalate	14.02	149	956524	31.76	nq #	96
84) Di-n-octyl phthalate	14.63	149	1574773	30.97	nq #	87
85) Indeno(1,2,3-cd)pyrene	16.85	276	1019061	32.45	nq	99
87) Benzo(b)fluoranthene	15.05	252	1094504	30.14	nq	98
88) Benzo(k)fluoranthene	15.07	252	1031365m	34.73	nq	
89) Benzo(a)pyrene	15.40	252	994919	32.30	nq	98
90) Dibenzo(a,h)anthracene	16.88	278	851024	32.11	nq	96
91) Benzo(g,h,i)perylene	17.28	276	848427	30.91	nq	98

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

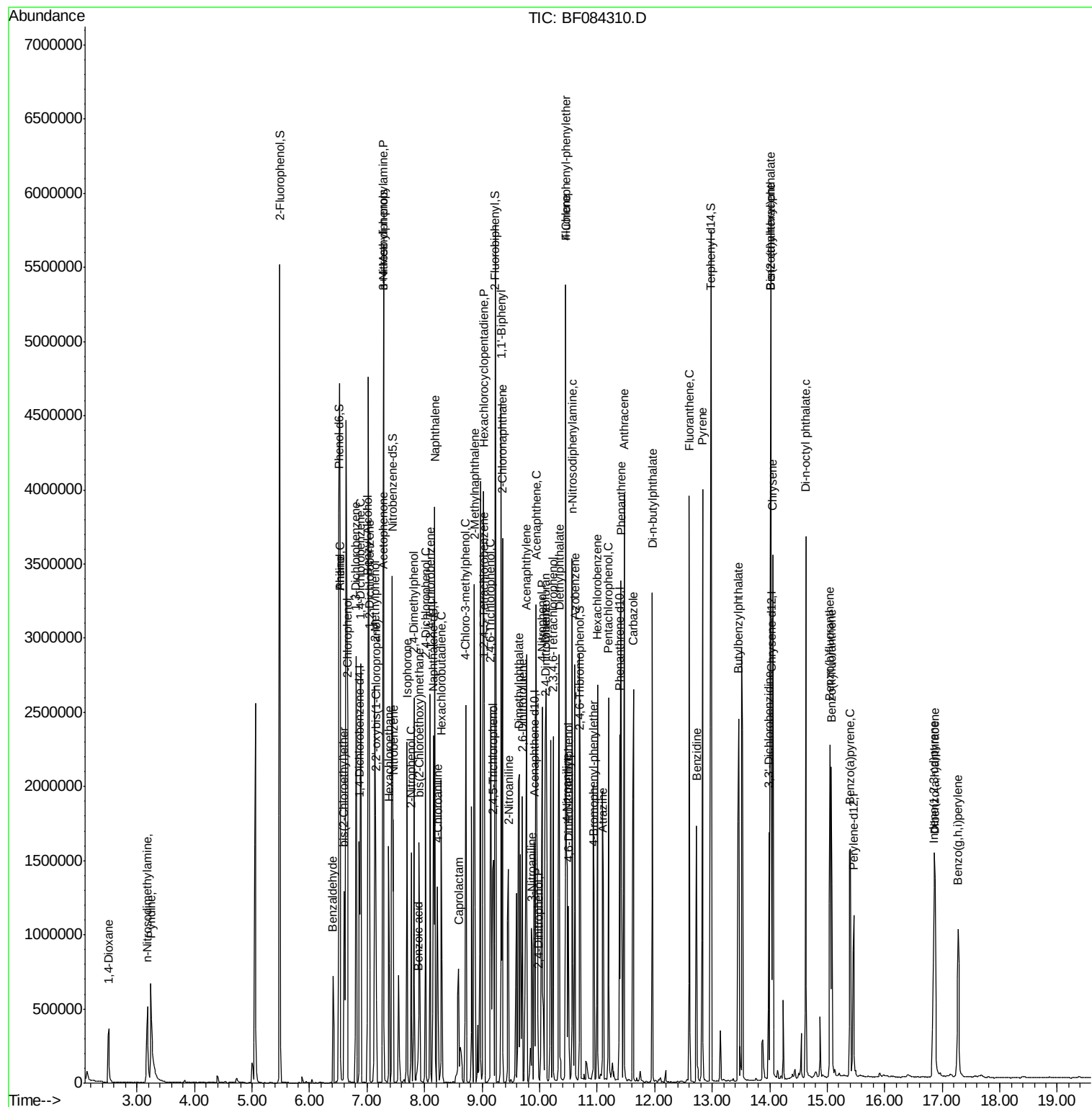
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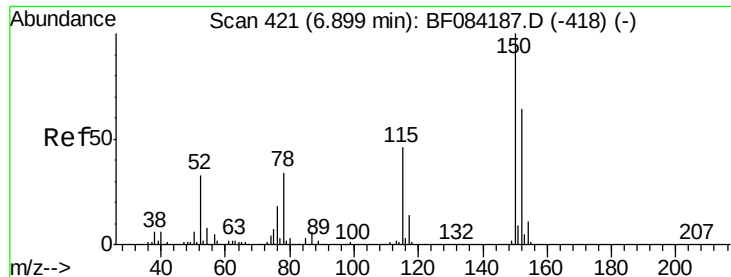
Instrument :
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 ClientSampleId :
 SW002MSD

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#1

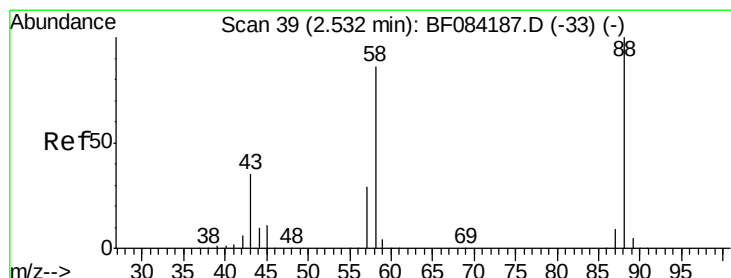
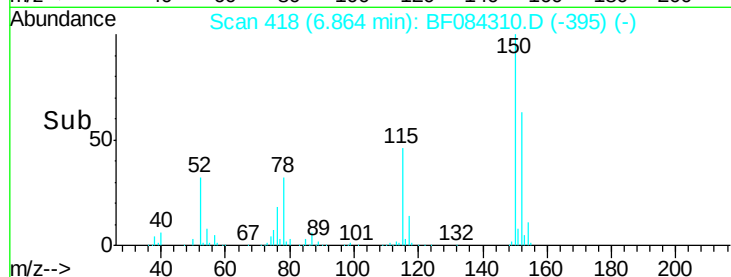
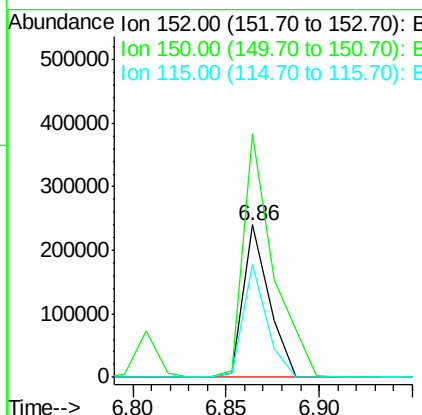
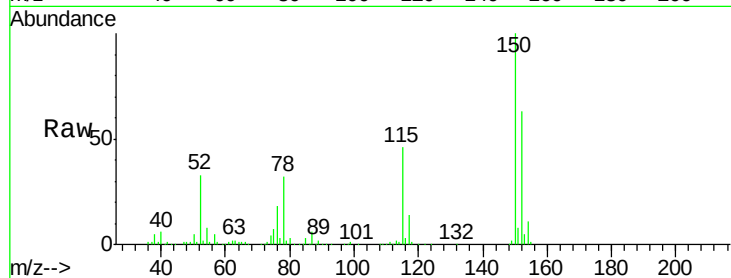
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 418
Delta R.T. -0.03 min
Lab File: BF084310.D
Acq: 7 Jan 2016 17:29

Instrument :
BNA_F
ClientSampleId :
SW002MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.6	123.0	184.4
115	73.9	51.4	77.2

Manual Integrations
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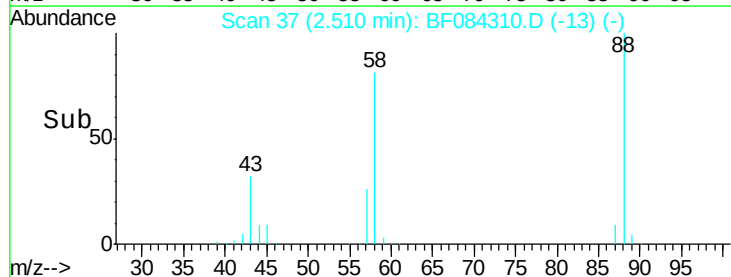
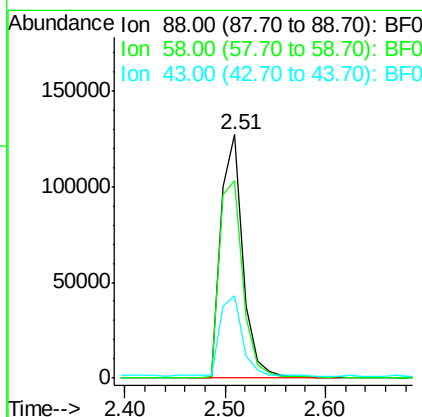
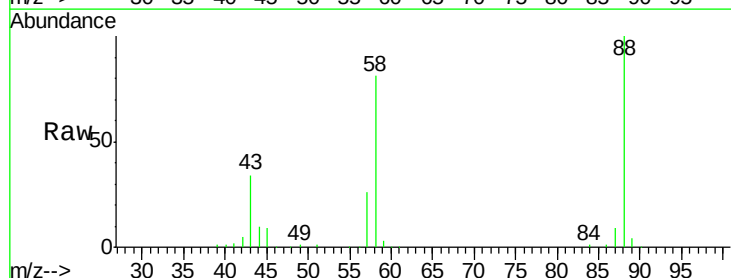
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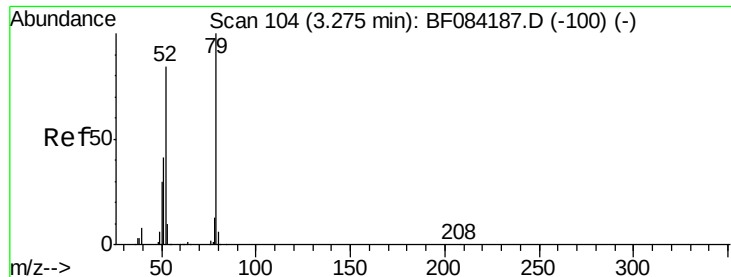


#2

1,4-Dioxane
Concen: 28.55 ng
RT: 2.51 min Scan# 37
Delta R.T. -0.02 min
Lab File: BF084310.D
Acq: 7 Jan 2016 17:29

Tgt Ion	Ratio	Lower	Upper
88	100		
58	88.1	51.2	76.8#
43	34.8	19.5	29.3#





#3

Pvridine

Concen: 25.76 ng

RT: 3.24 min Scan# 101

Delta R.T. -0.03 min

Lab File: BF084310.D

Acq: 7 Jan 2016 17:29

Instrument :

BNA_F

ClientSampleId :

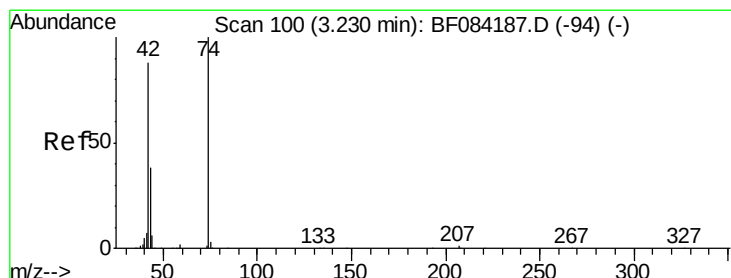
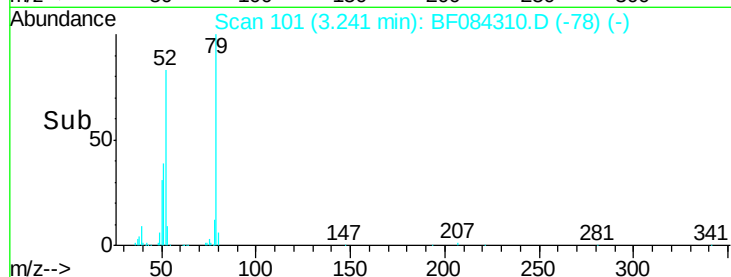
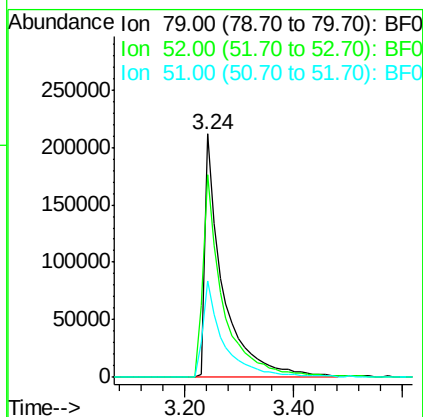
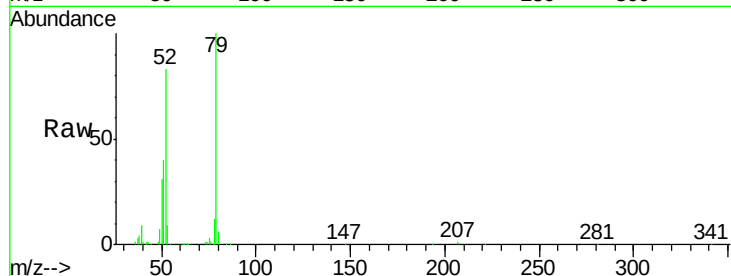
SW002MSD

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Tot Ion	Ratio	Lower	Upper
79	100		
52	83.5	49.0	73.4#
51	39.7	25.2	37.8#



#4

n-Nitrosodimethylamine

Concen: 31.66 ng

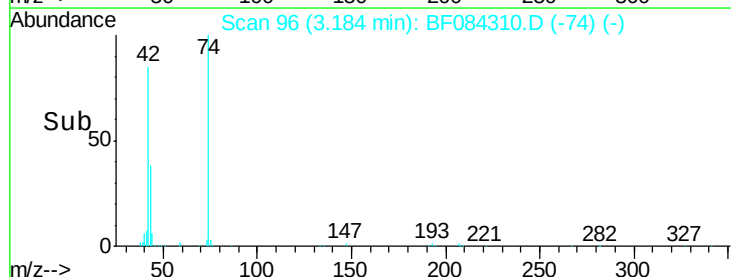
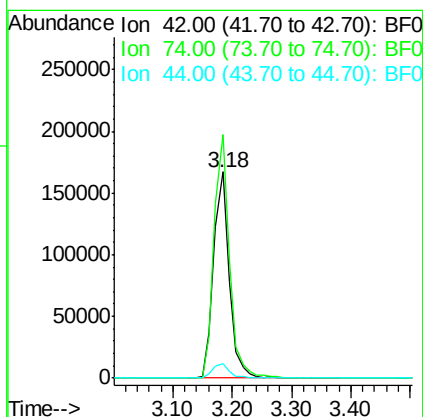
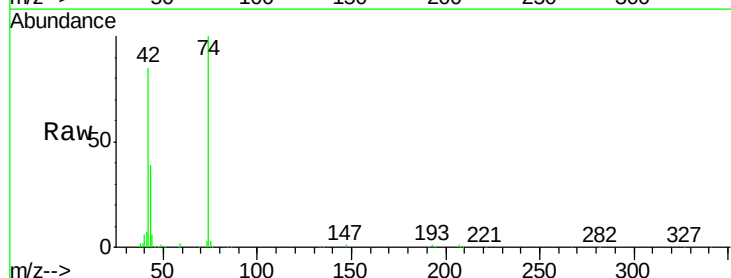
RT: 3.18 min Scan# 96

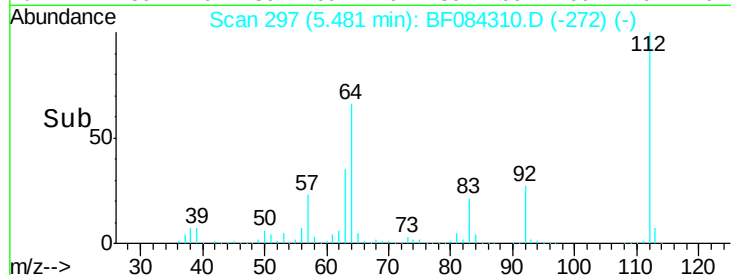
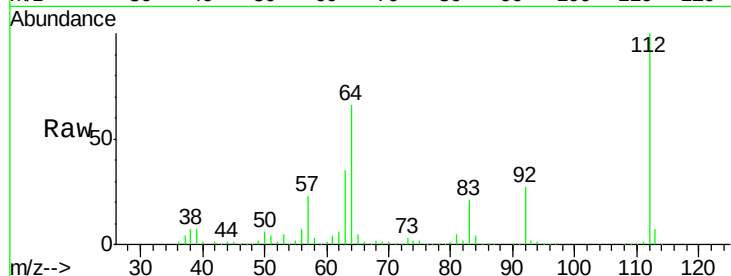
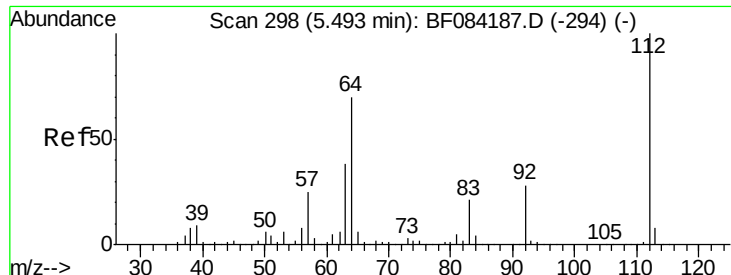
Delta R.T. -0.05 min

Lab File: BF084310.D

Acq: 7 Jan 2016 17:29

Tgt Ion	Ratio	Lower	Upper
42	100		
74	118.0	115.7	173.5
44	7.1	5.1	7.7





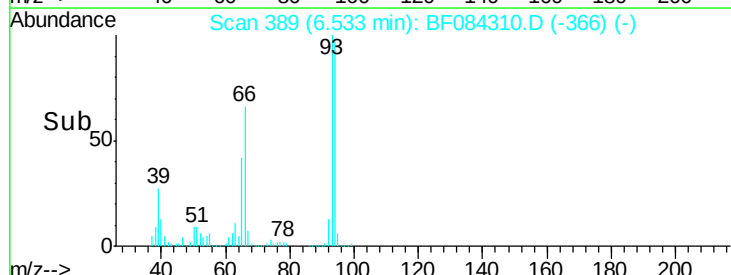
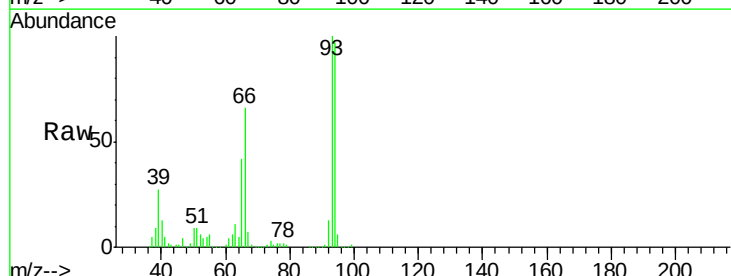
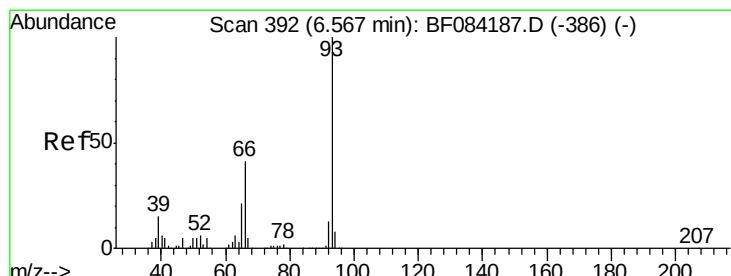
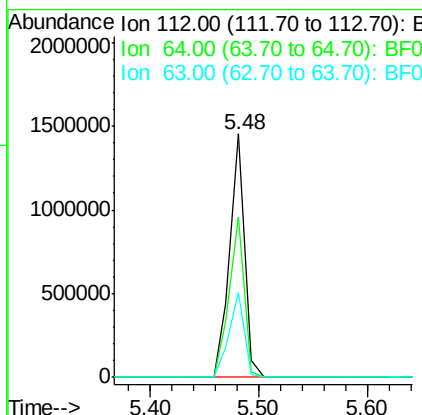
#5
2-Fluorophenol
Concen: 96.15 ng
RT: 5.48 min Scan# 297
Delta R.T. -0.01 min
Lab File: BF084310.D
Acq: 7 Jan 2016 17:29

Instrument :
BNA_F
ClientSampleId :
SW002MSD

Tot Ion	Ratio	Lower	Upper
112	100		
64	66.1	36.6	55.0#
63	35.0	19.4	29.0#

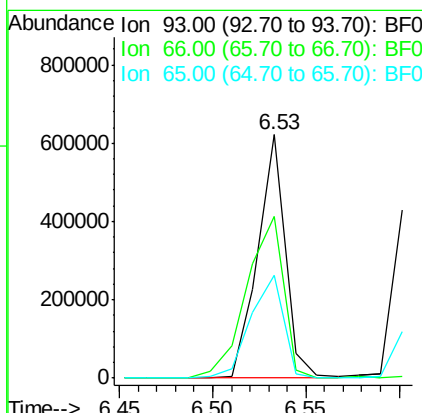
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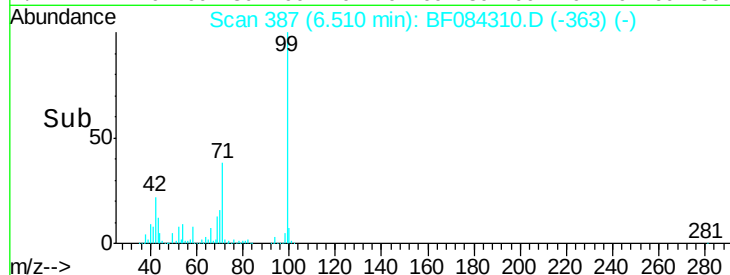
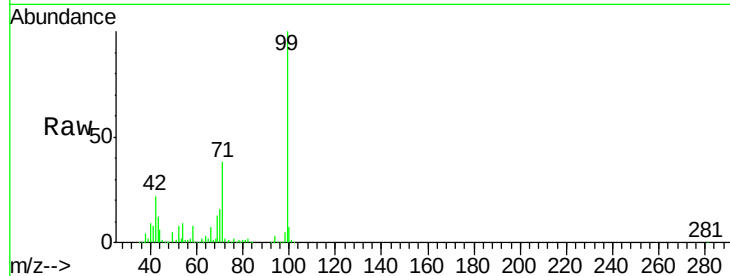
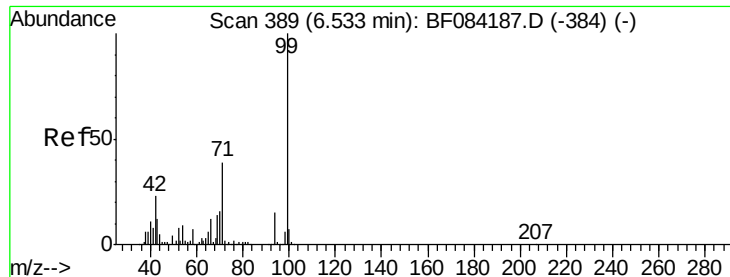
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#6
Aniline
Concen: 24.22 ng
RT: 6.53 min Scan# 389
Delta R.T. -0.03 min
Lab File: BF084310.D
Acq: 7 Jan 2016 17:29

Tgt Ion	Ratio	Lower	Upper
93	100		
66	66.3	44.9	67.3
65	42.0	23.7	35.5#





#7

Phenol-d6

Concen: 104.69 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.02 min

Lab File: BF084310.D

Acq: 7 Jan 2016 17:29

Tot Ion:	99	Resp:	1876615
Ion	Ratio	Lower	Upper
99	100		
42	22.4	12.8	19.2#
71	38.0	30.9	46.3

Instrument :

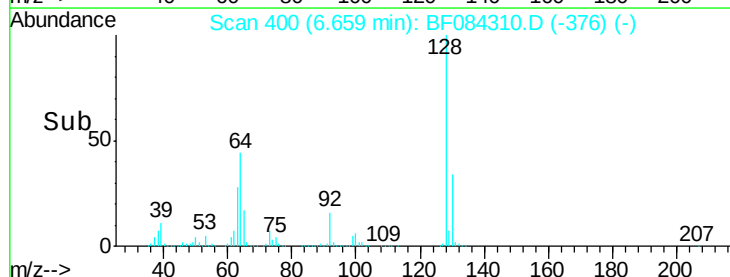
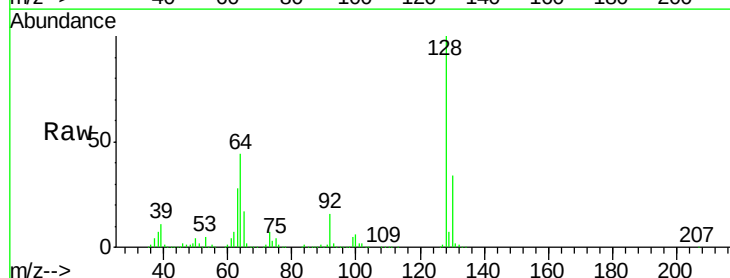
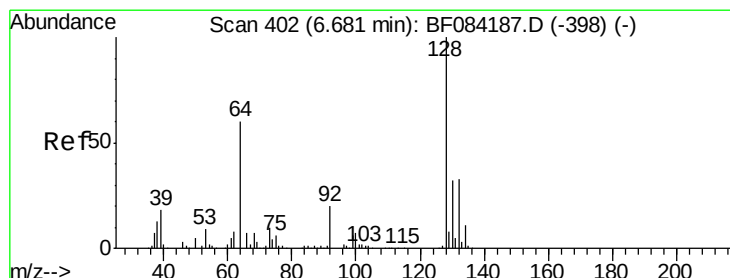
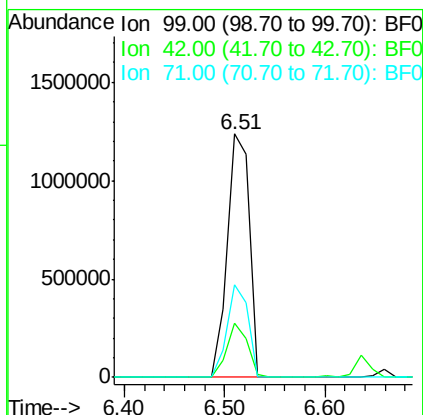
BNA_F

ClientSampleId :

SW002MSD

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#8

2-Chlorophenol

Concen: 36.12 ng

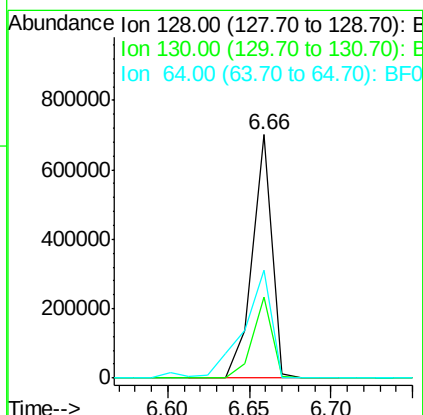
RT: 6.66 min Scan# 400

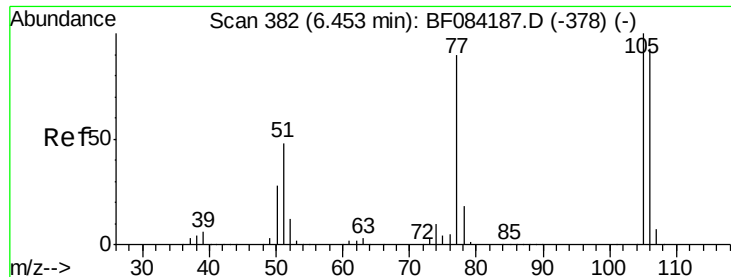
Delta R.T. -0.02 min

Lab File: BF084310.D

Acq: 7 Jan 2016 17:29

Tgt Ion:	128	Resp:	584811
Ion	Ratio	Lower	Upper
128	100		
130	33.5	11.6	51.6
64	44.4	23.8	63.8





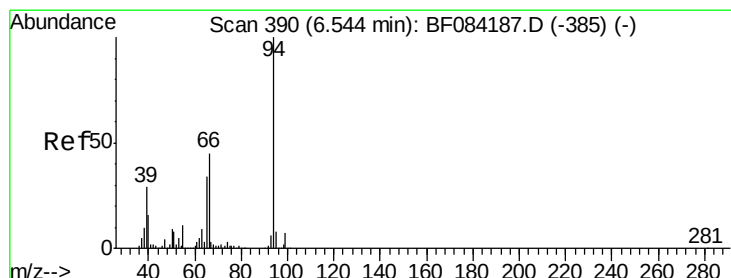
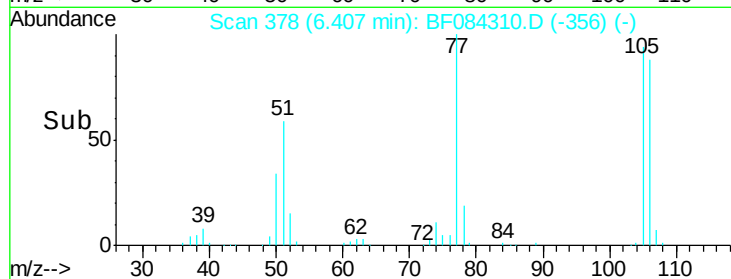
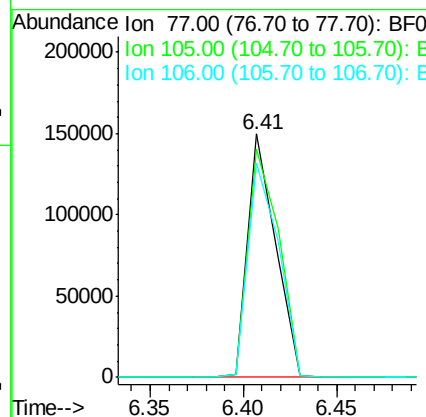
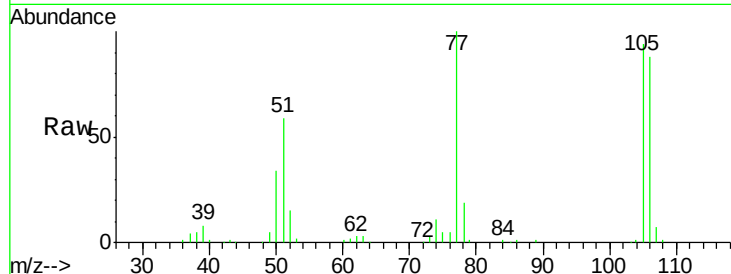
#9
Benzaldehyde
Concen: 13.30 ng
RT: 6.41 min Scan# 378
Delta R.T. -0.04 min
Lab File: BF084310.D
Acq: 7 Jan 2016 17:29

Instrument :
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Tot Ion	Ratio	Lower	Upper
77	100		
105	93.7	83.0	123.0
106	88.2	74.6	114.6

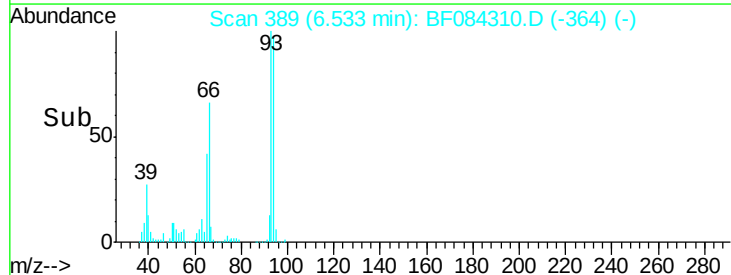
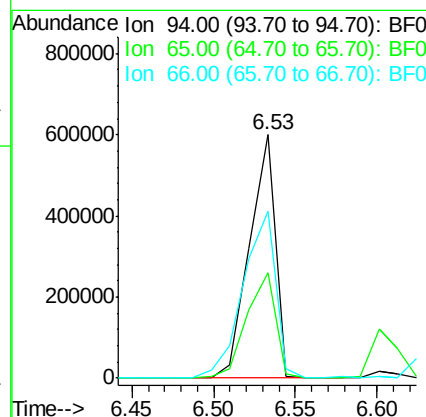
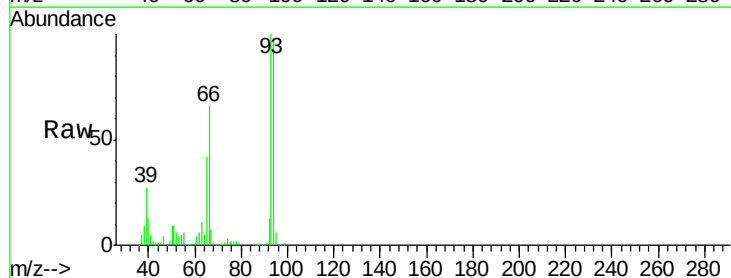
Manual Integrations
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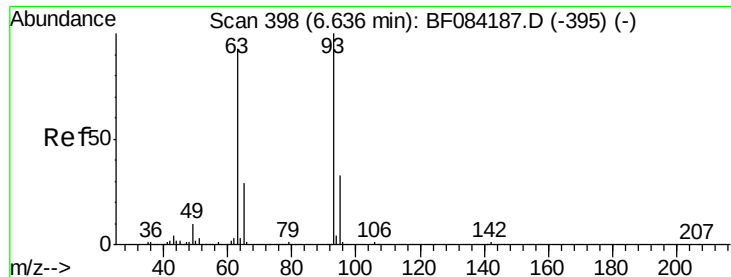
UMANGI
1/8/2016 10:42:58 AM



#10
Phenol
Concen: 32.30 ng
RT: 6.53 min Scan# 389
Delta R.T. -0.01 min
Lab File: BF084310.D
Acq: 7 Jan 2016 17:29

Tgt Ion	Ratio	Lower	Upper
94	100		
65	43.5	12.9	52.9
66	68.6	32.7	72.7





#11

bis(2-Chloroethyl)ether

Concen: 34.26 ng

RT: 6.60 min Scan# 395

Delta R.T. -0.03 min

Lab File: BF084310.D

Acq: 7 Jan 2016 17:29

Instrument :

BNA_F

ClientSampleId :

SW002MSD

Tot Ion: 93 Resp: 540847
Ion Ratio Lower Upper

93 100

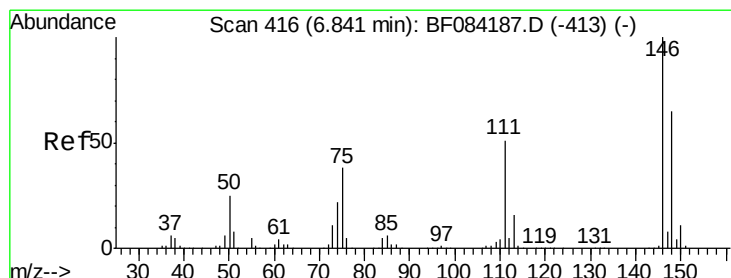
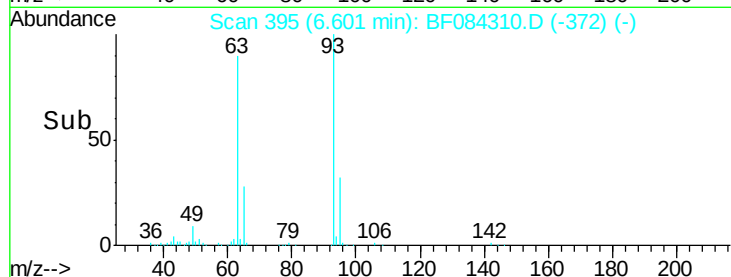
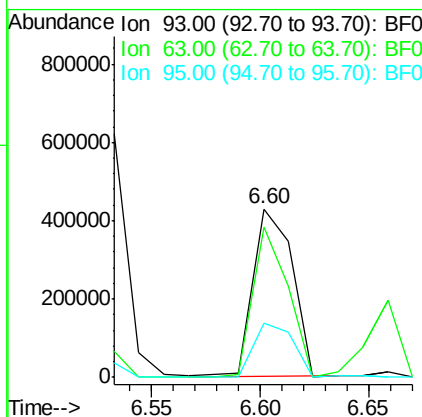
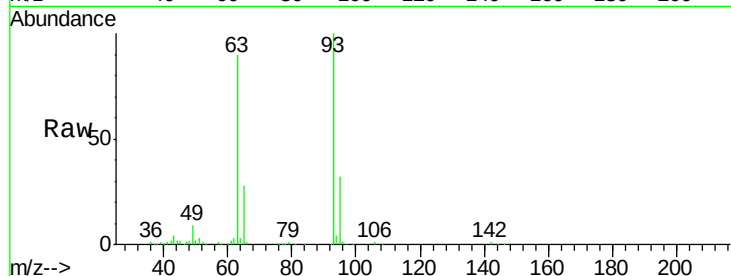
63 89.7 45.9 85.9#

95 32.3 12.3 52.3

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#12

1,3-Dichlorobenzene

Concen: 33.66 ng m

RT: 6.81 min Scan# 413

Delta R.T. -0.03 min

Lab File: BF084310.D

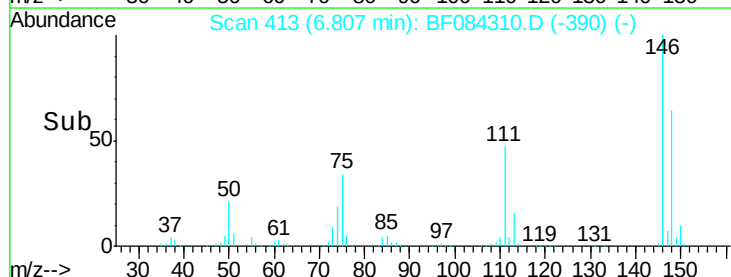
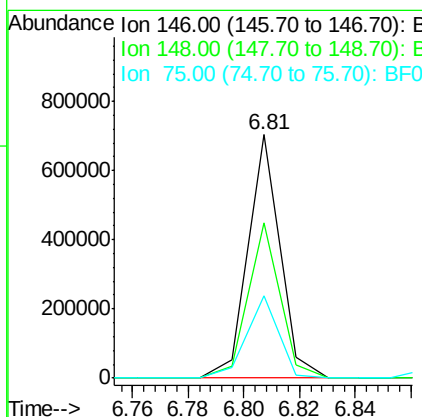
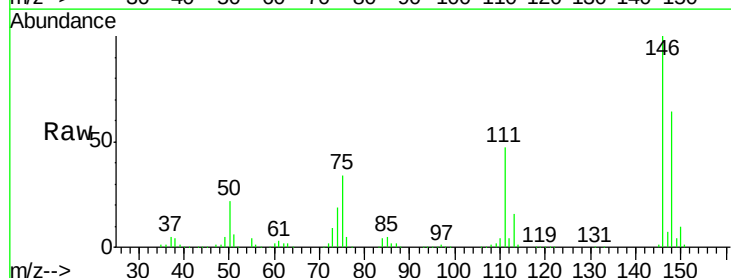
Acq: 7 Jan 2016 17:29

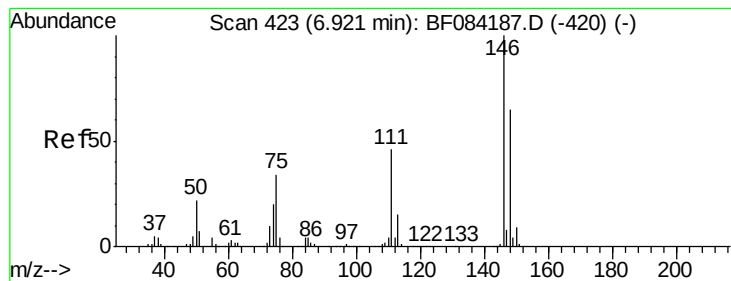
Tgt Ion: 146 Resp: 562277
Ion Ratio Lower Upper

146 100

148 63.7 51.9 77.9

75 34.0 20.5 30.7#





#13

1,4-Dichlorobenzene

Concen: 35.82 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.03 min

Lab File: BF084310.D

Acq: 7 Jan 2016 17:29

Instrument :

BNA_F

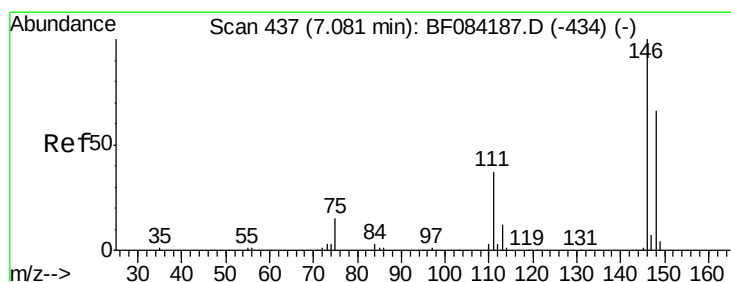
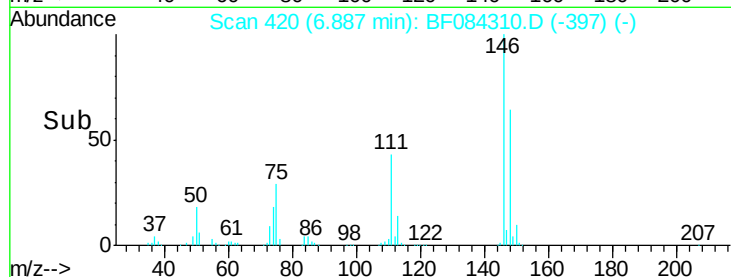
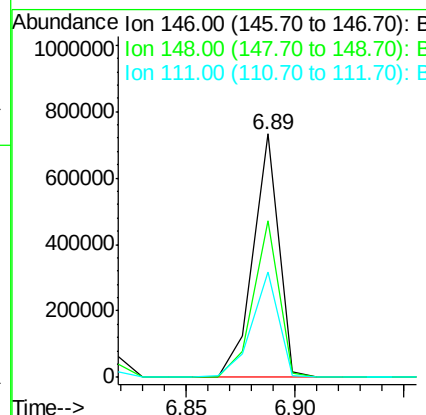
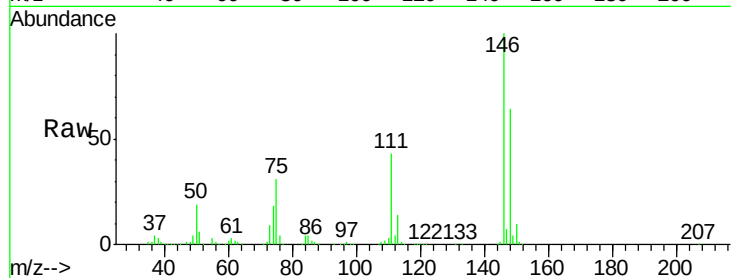
ClientSampled :

SW002MSD

Tot Ion:	146	Resp:	599972
Ion Ratio	Lower	Upper	
146	100		
148	64.5	51.9	77.9
111	43.2	41.6	62.4

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 31.88 ng

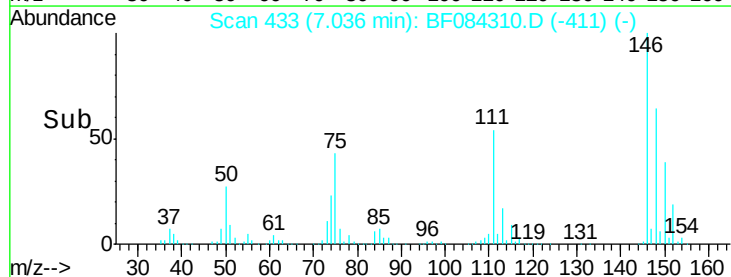
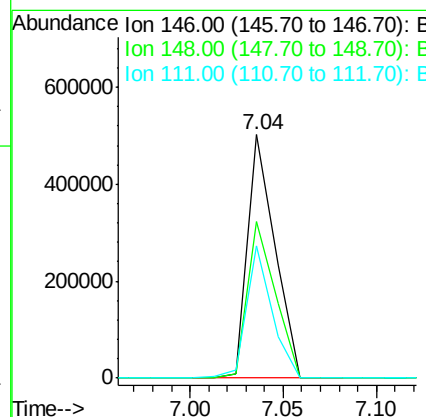
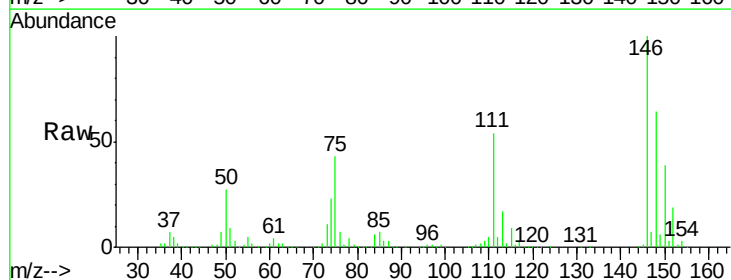
RT: 7.04 min Scan# 433

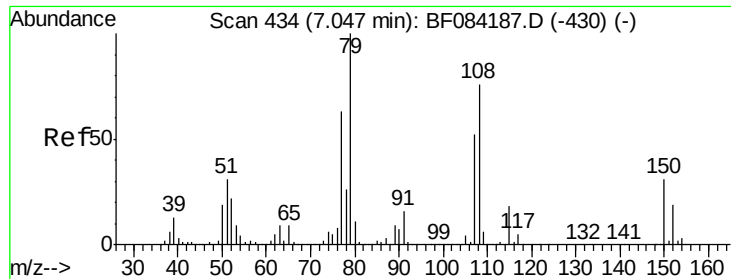
Delta R.T. -0.05 min

Lab File: BF084310.D

Acq: 7 Jan 2016 17:29

Tgt Ion:	146	Resp:	511466
Ion Ratio	Lower	Upper	
146	100		
148	64.1	51.6	77.4
111	54.2	38.0	57.0





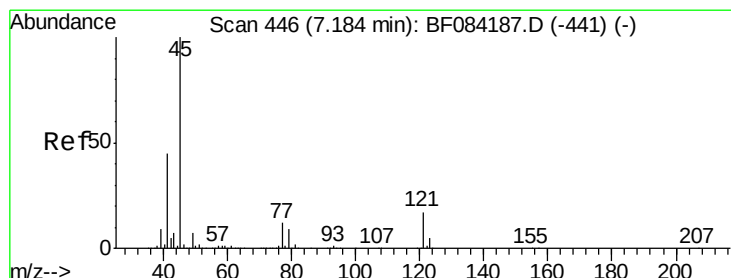
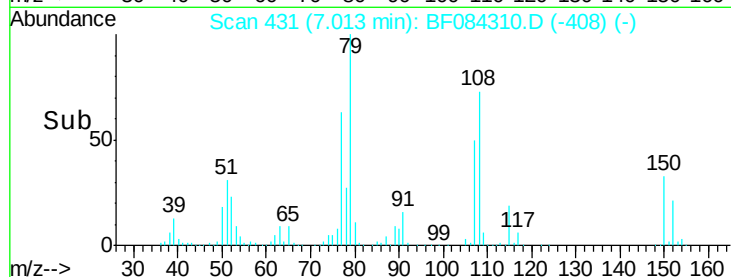
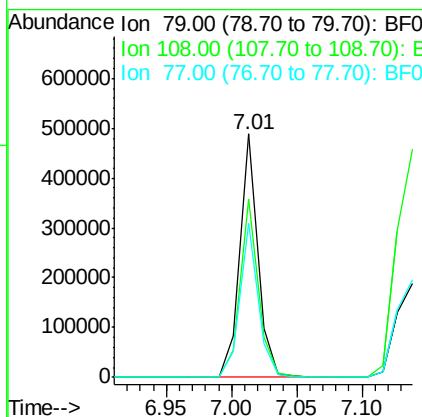
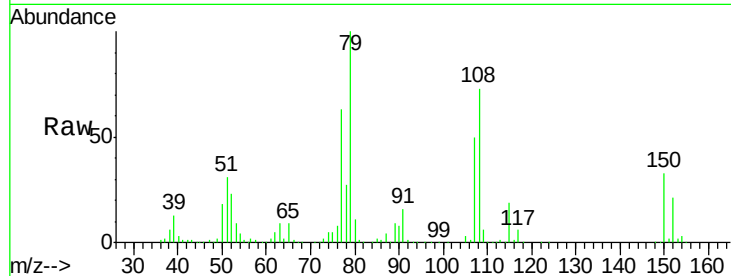
#15
Benzyl Alcohol
Concen: 31.06 ng
RT: 7.01 min Scan# 431
Delta R.T. -0.03 min
Lab File: BF084310.D
Acq: 7 Jan 2016 17:29

Instrument :
BNA_F
ClientSampleId :
SW002MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	73.4	69.0	103.4
77	63.1	50.0	75.0

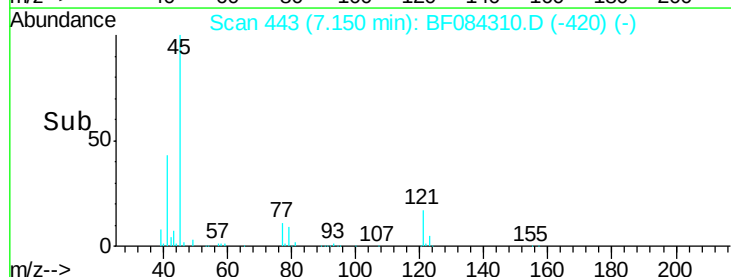
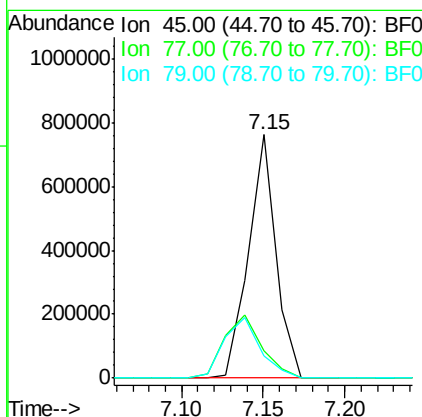
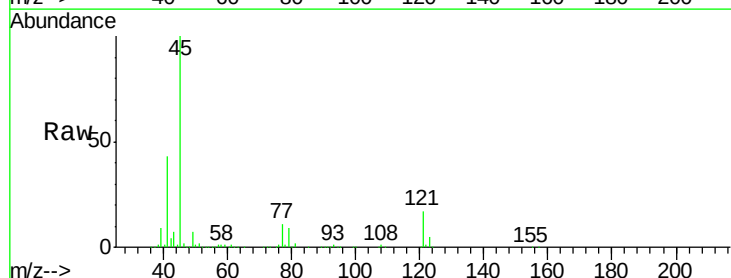
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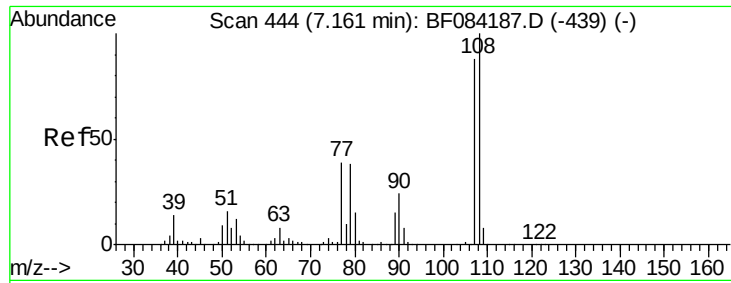
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#16
2,2'-oxybis(1-chloropropane)
Concen: 30.89 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.03 min
Lab File: BF084310.D
Acq: 7 Jan 2016 17:29

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.4	0.0	39.6
79	8.9	0.0	35.0





#17

2-Methylphenol

Concen: 34.27 ng

RT: 7.14 min Scan# 442

Delta R.T. -0.02 min

Lab File: BF084310.D

Acq: 7 Jan 2016 17:29

Instrument :

BNA_F

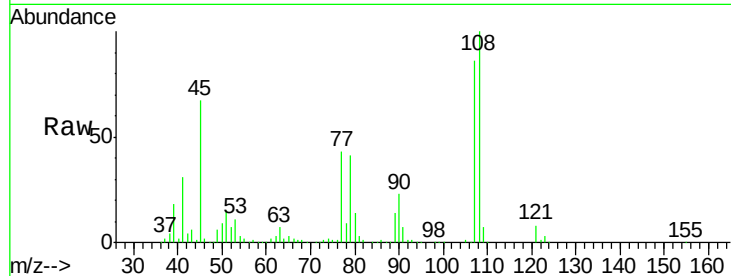
ClientSampleId :

SW002MSD

Tot Ion:	107	Resp:	465143
Ion Ratio	Lower	Upper	
107	100		
108	115.8	89.8	134.6
77	49.7	35.7	53.5
79	47.6	35.7	53.5

Manual Integrations
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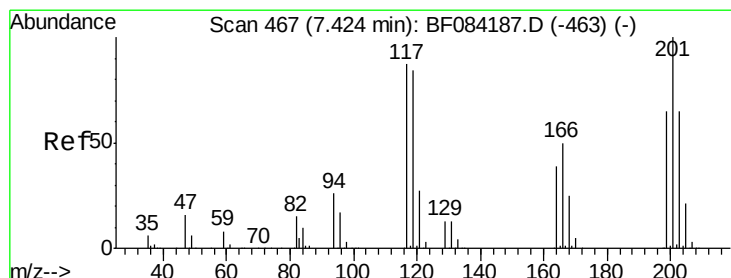
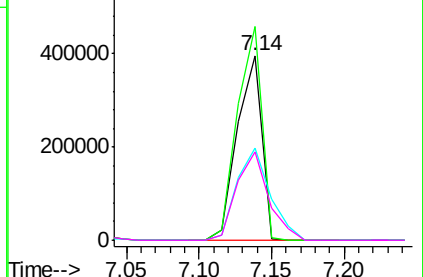
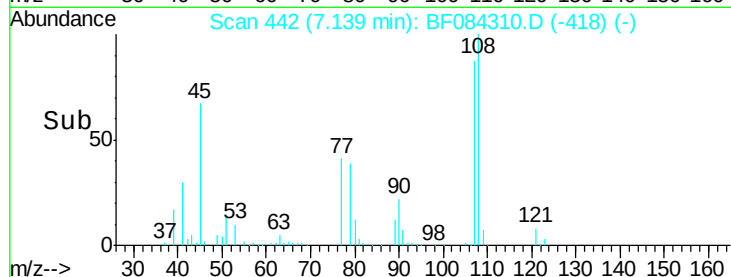


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 31.54 ng

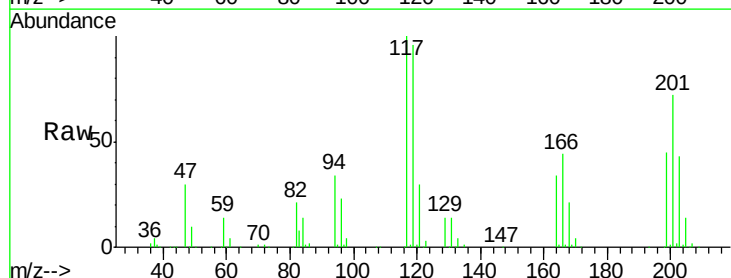
RT: 7.38 min Scan# 463

Delta R.T. -0.05 min

Lab File: BF084310.D

Acq: 7 Jan 2016 17:29

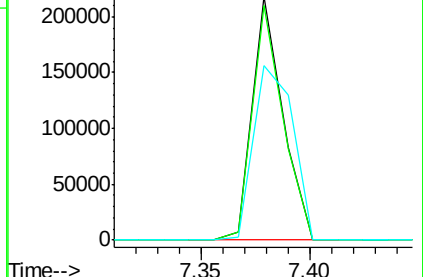
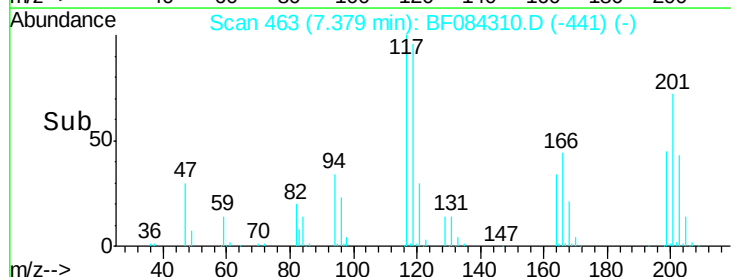
Tgt Ion:	117	Resp:	211279
Ion Ratio	Lower	Upper	
117	100		
119	96.3	77.4	116.0
201	71.8	68.6	103.0

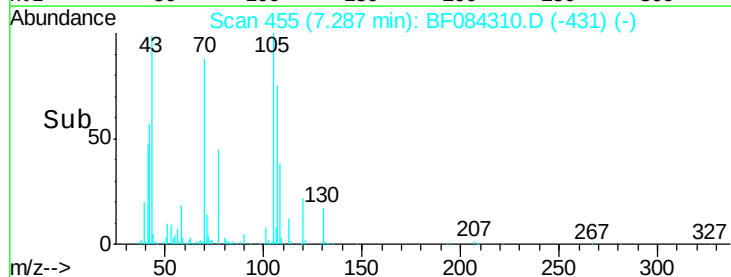
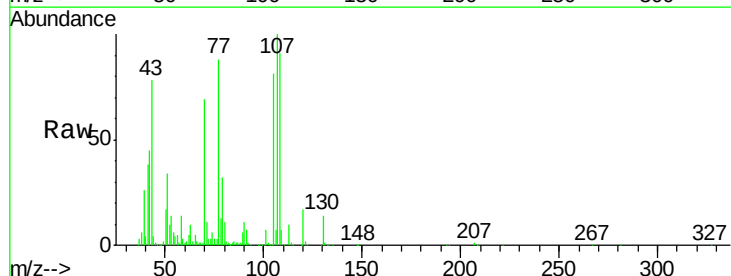
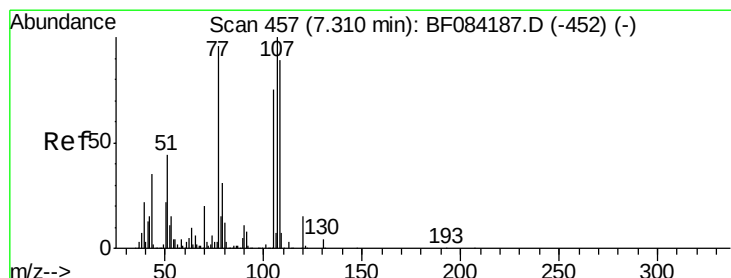
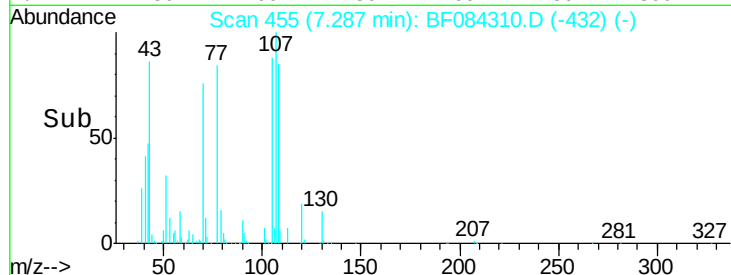
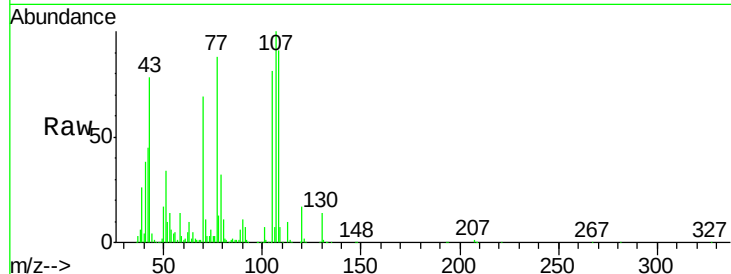
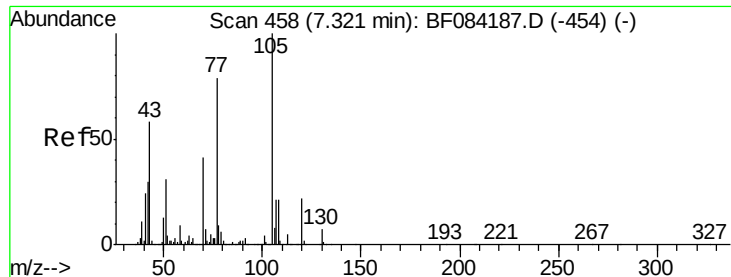


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





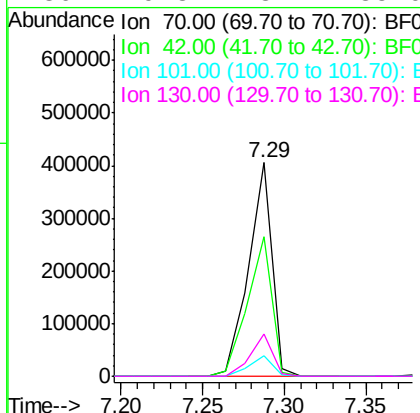
#19
n-Nitroso-di-n-propylamine
Concen: 33.22 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.03 min
Lab File: BF084310.D
Acq: 7 Jan 2016 17:29

Instrument :
BNA_F
ClientSampleId :
SW002MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	65.6	33.3	49.9#
101	9.8	9.3	13.9
130	19.8	23.4	35.0#

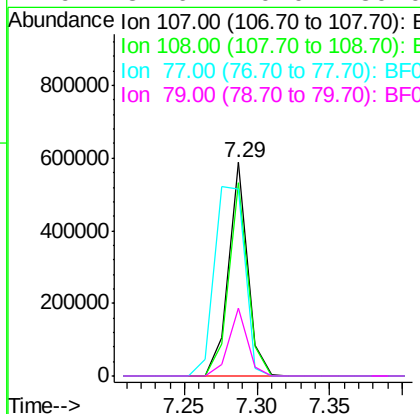
Manual Integrations
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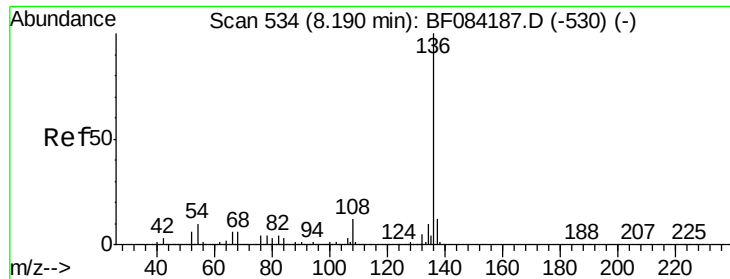
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#20
3+4-Methylphenols
Concen: 33.69 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.02 min
Lab File: BF084310.D
Acq: 7 Jan 2016 17:29

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.8	74.6	114.6
77	87.8	0.7	40.7#
79	31.6	0.0	39.0





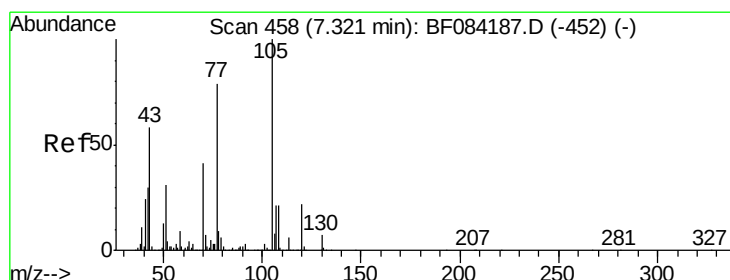
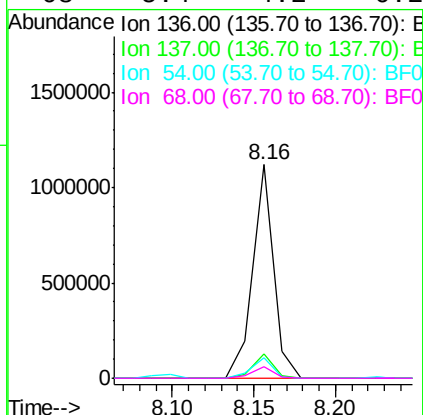
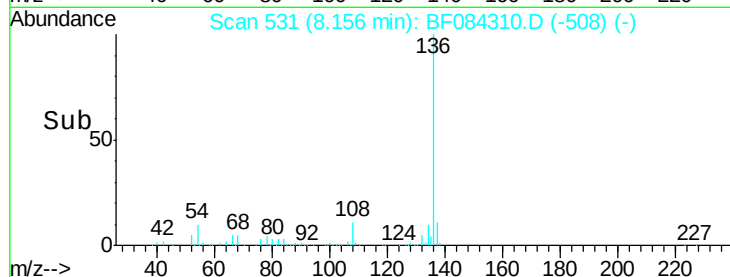
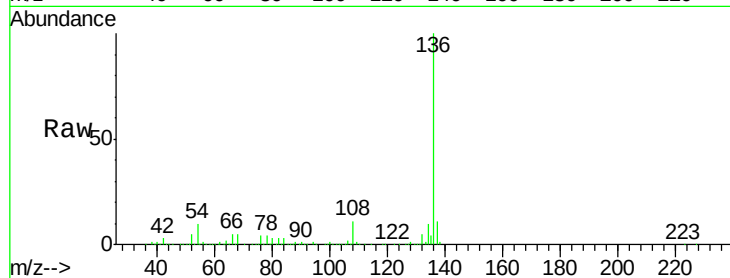
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.03 min
Lab File: BF084310.D
Acq: 7 Jan 2016 17:29

Instrument :
BNA_F
ClientSampleId :
SW002MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		998091		
137	11.3		8.7	13.1	
54	9.8		5.8	8.8#	
68	5.4		4.2	6.2	

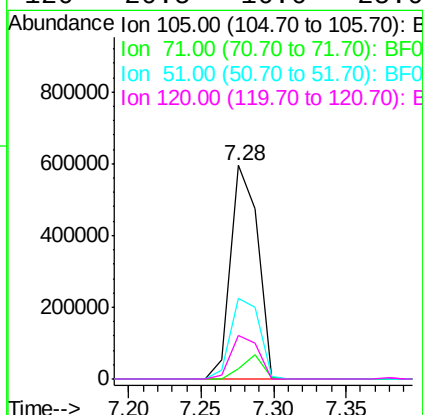
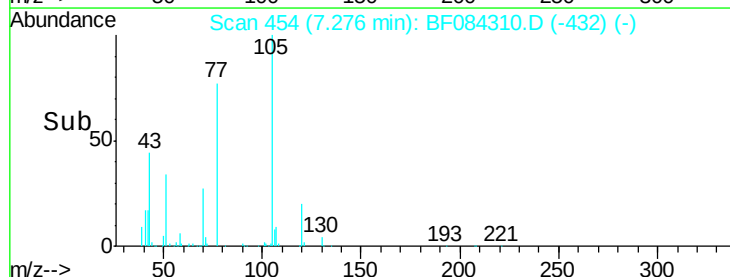
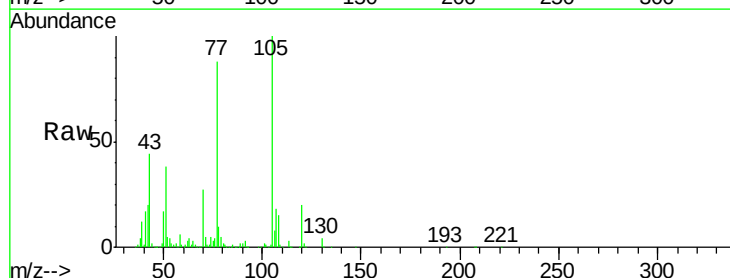
Manual Integrations
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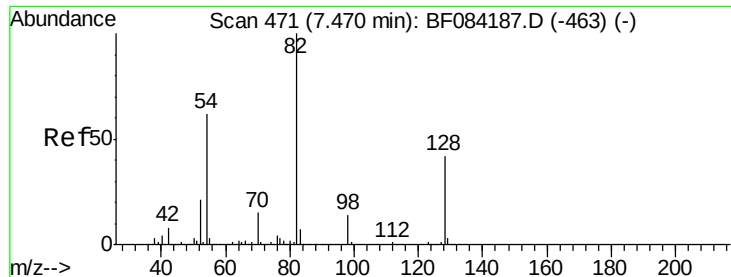
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#22
Acetophenone
Concen: 32.21 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.05 min
Lab File: BF084310.D
Acq: 7 Jan 2016 17:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		773140		
71	4.8		3.7	5.5	
51	37.8		25.1	37.7#	
120	20.5		16.6	25.0	





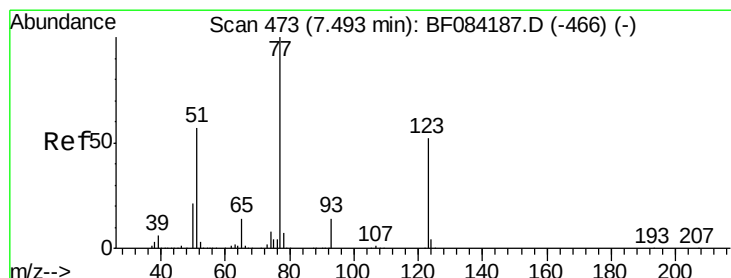
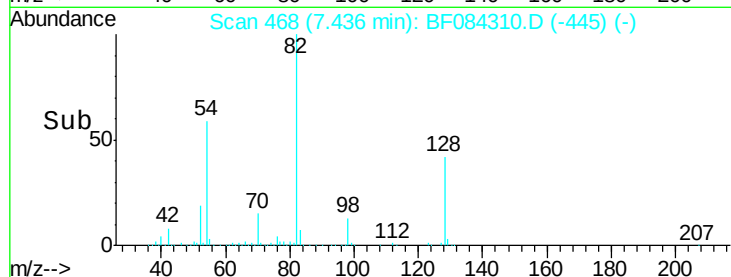
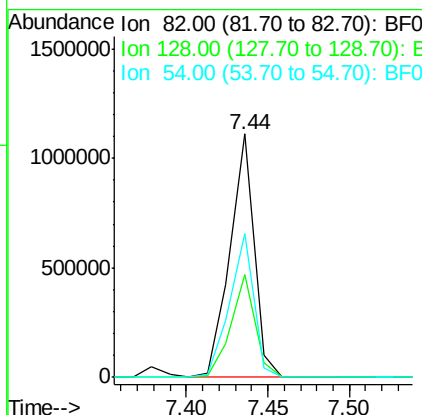
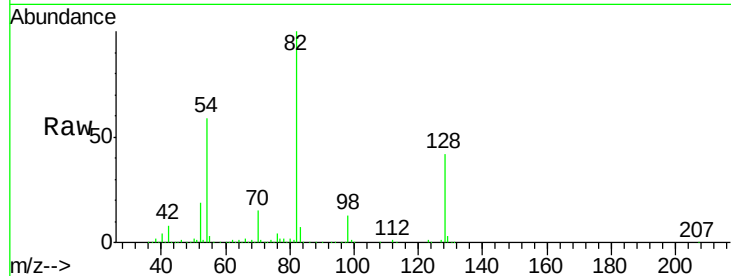
#23
 Nitrobenzene-d5
 Concen: 63.24 ng
 RT: 7.44 min Scan# 468
 Delta R.T. -0.03 min
 Lab File: BF084310.D
 Acq: 7 Jan 2016 17:29

Instrument :
 BNA_F
 ClientSampleId :
 SW002MSD

Tot Ion	82	Resp	1134132
Ion Ratio	100	Lower	Upper
128	42.4	34.6	51.8
54	59.2	38.4	57.6

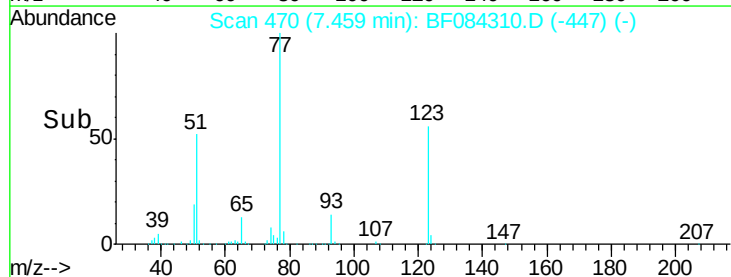
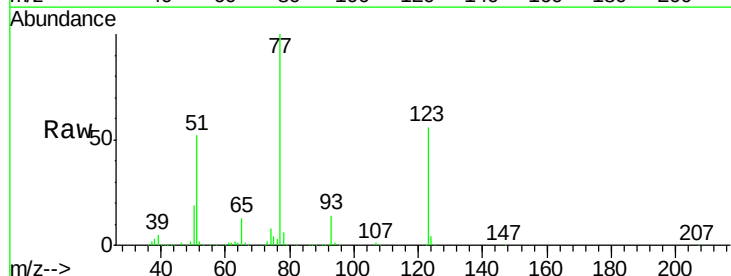
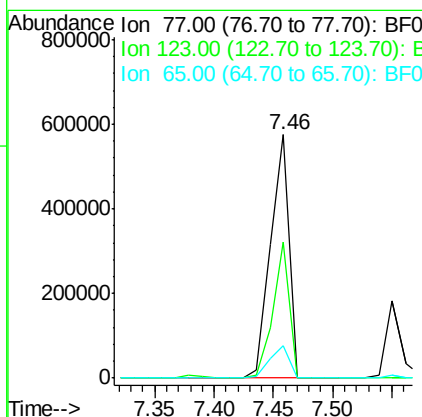
Manual Integrations
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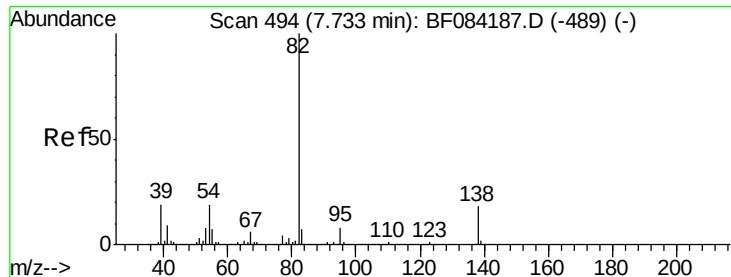
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#24
 Nitrobenzene
 Concen: 34.50 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.03 min
 Lab File: BF084310.D
 Acq: 7 Jan 2016 17:29

Tgt Ion	77	Resp	627603
Ion Ratio	100	Lower	Upper
123	55.7	37.4	56.2
65	13.2	10.9	16.3





#25

Isophorone

Concen: 32.48 ng

RT: 7.70 min Scan# 491

Delta R.T. -0.03 min

Lab File: BF084310.D

Acq: 7 Jan 2016 17:29

Instrument :

BNA_F

ClientSampled :

SW002MSD

Tot Ion: 82 Resp: 1113887

Ion Ratio Lower Upper

82 100

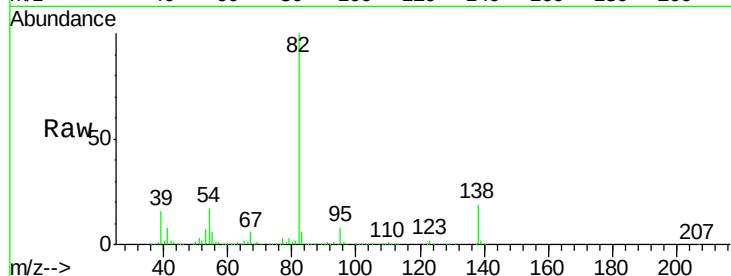
95 7.9 6.6 10.0

138 19.3 13.6 20.4

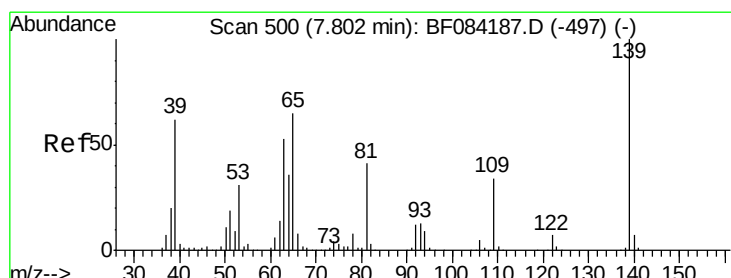
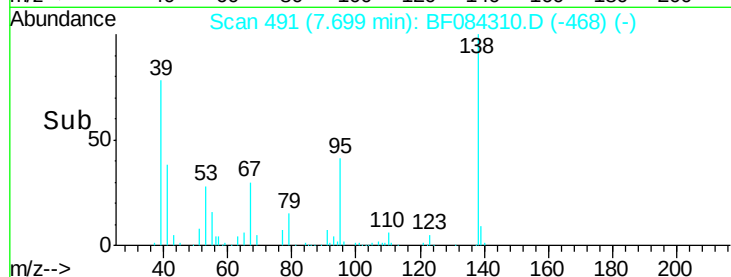
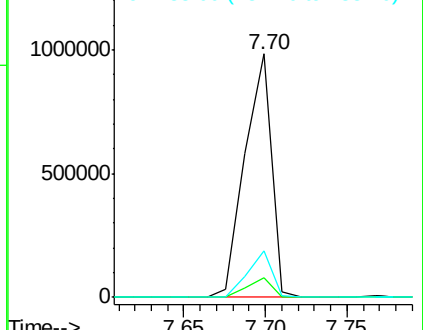
Manual Integrations
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Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 33.41 ng

RT: 7.77 min Scan# 497

Delta R.T. -0.03 min

Lab File: BF084310.D

Acq: 7 Jan 2016 17:29

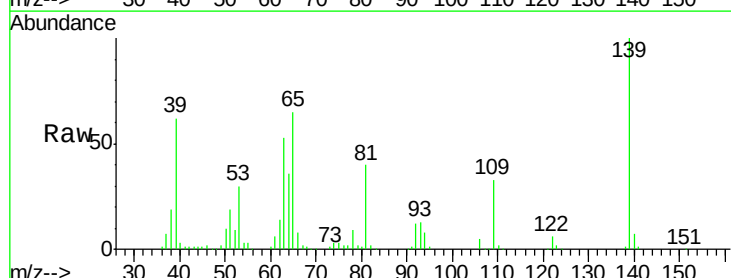
Tgt Ion: 139 Resp: 276583

Ion Ratio Lower Upper

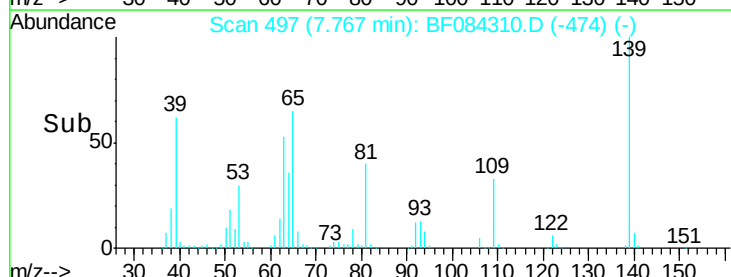
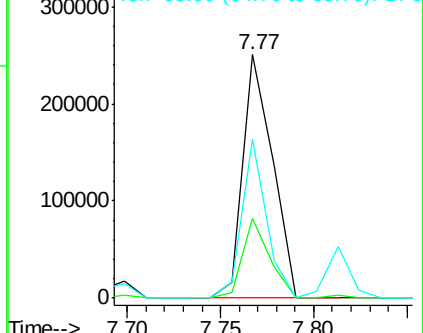
139 100

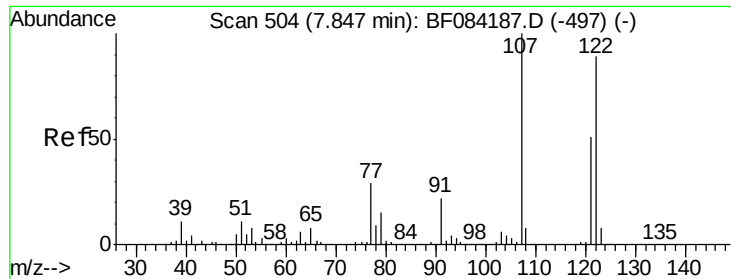
109 32.8 25.4 38.2

65 65.4 32.3 48.5#



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





#27

2,4-Dimethylphenol

Concen: 28.04 ng

RT: 7.81 min Scan# 501

Delta R.T. -0.03 min

Lab File: BF084310.D

Acq: 7 Jan 2016 17:29

Instrument :

BNA_F

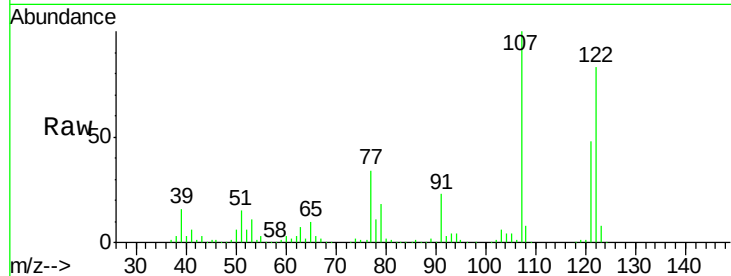
ClientSampleId :

SW002MSD

Tot Ion:	122	Resp:	469841
Ion Ratio	Lower	Upper	
122	100		
107	119.8	99.1	148.7
121	57.0	47.9	71.9

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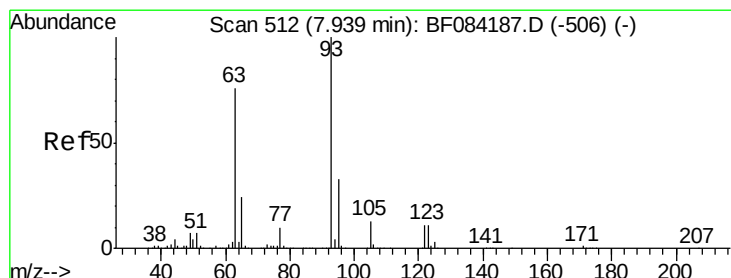
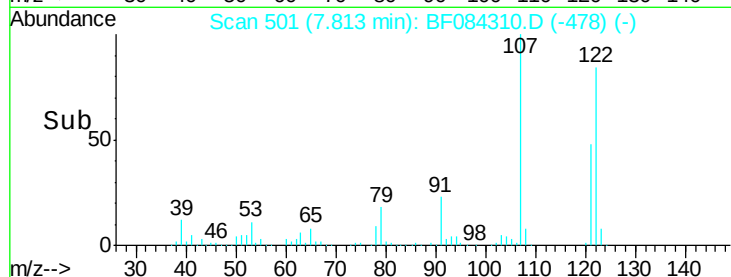
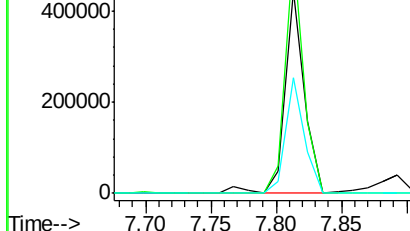
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Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 30.26 ng

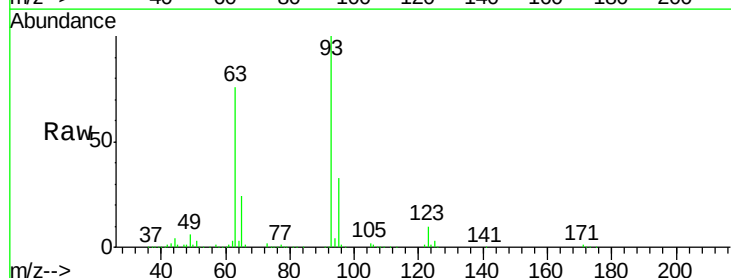
RT: 7.90 min Scan# 509

Delta R.T. -0.03 min

Lab File: BF084310.D

Acq: 7 Jan 2016 17:29

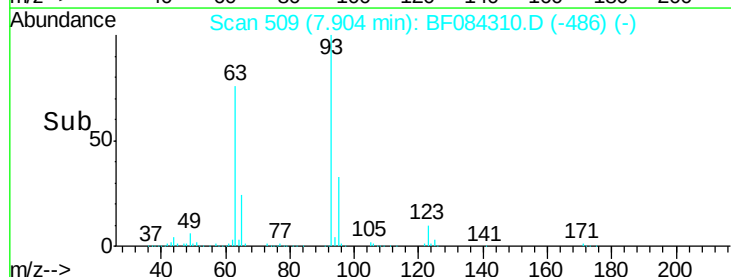
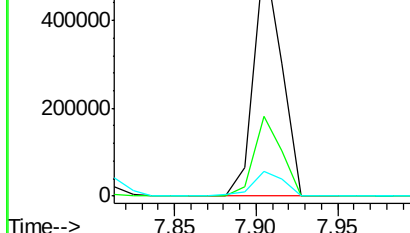
Tgt Ion:	93	Resp:	633911
Ion Ratio	Lower	Upper	
93	100		
95	32.7	25.8	38.6
123	10.0	8.6	12.8

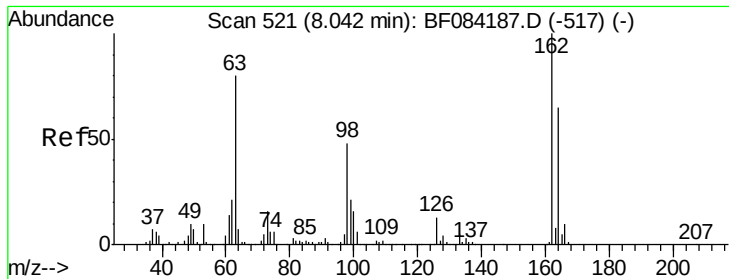


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





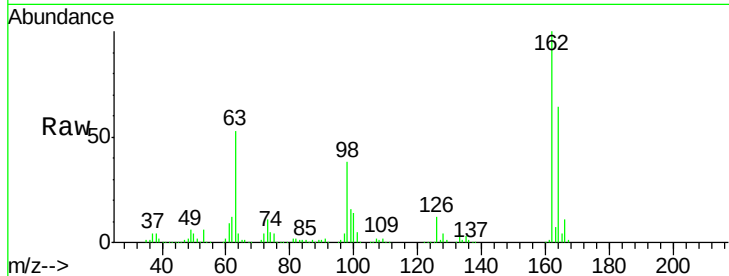
#29
 2,4-Dichlorophenol
 Concen: 35.05 ng
 RT: 8.02 min Scan# 519
 Delta R.T. -0.02 min
 Lab File: BF084310.D
 Acq: 7 Jan 2016 17:29

Instrument :
 BNA_F
 ClientSampleId :
 SW002MSD

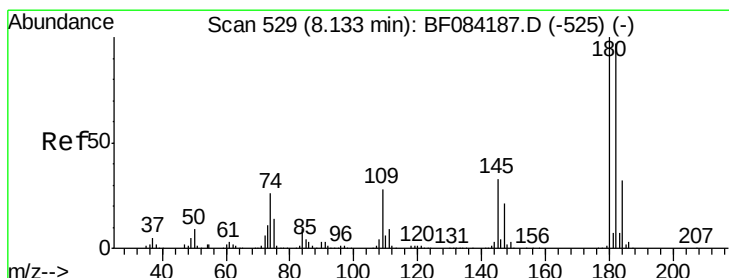
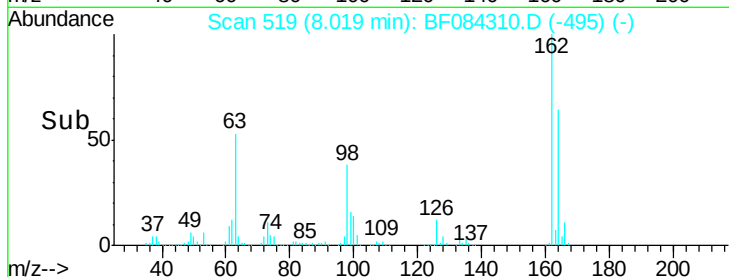
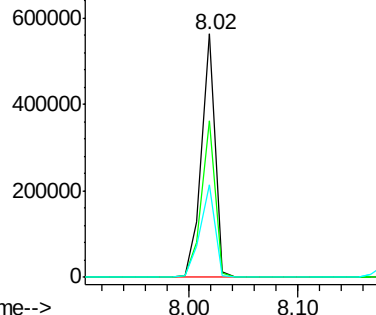
Tot Ion	Ratio	Resp	Lower	Upper
162	100	489200		
164	64.3	44.1	84.1	
98	37.9	20.2	60.2	

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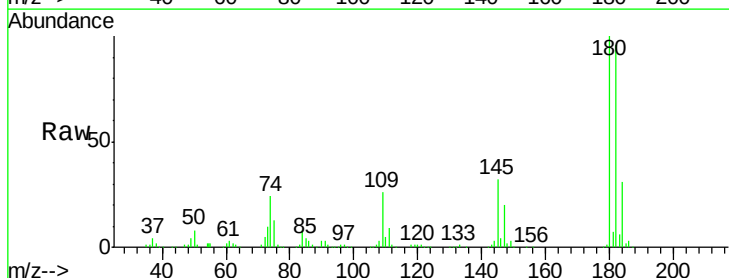


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

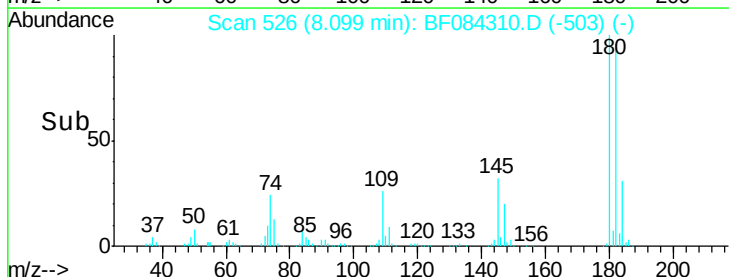
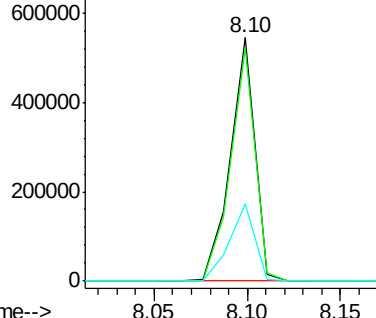


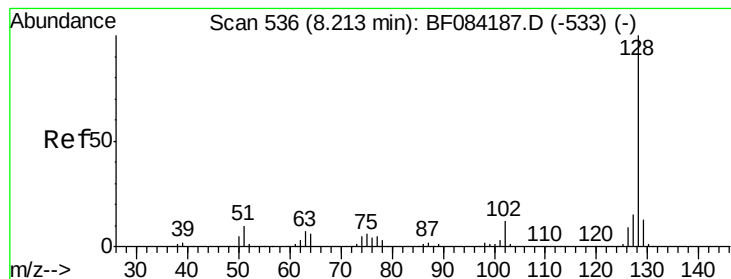
#30
 1,2,4-Trichlorobenzene
 Concen: 34.25 ng
 RT: 8.10 min Scan# 526
 Delta R.T. -0.03 min
 Lab File: BF084310.D
 Acq: 7 Jan 2016 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	493515		
182	96.1	76.4	114.6	
145	31.6	31.6	47.4	



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 34.48 ng

RT: 8.18 min Scan# 533

Delta R.T. -0.03 min

Lab File: BF084310.D

Acq: 7 Jan 2016 17:29

Instrument :

BNA_F

ClientSampleId :

SW002MSD

Tot Ion:128 Resp: 1561559

Ion Ratio Lower Upper

128 100

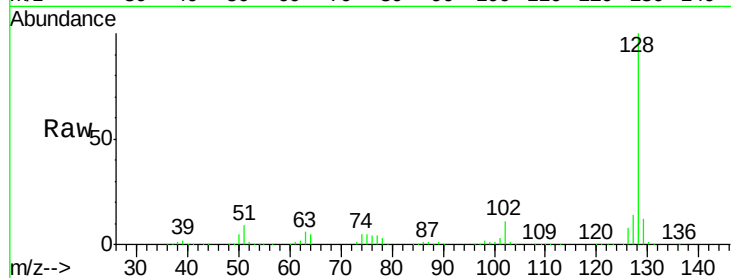
129 11.9 9.1 13.7

127 14.2 11.1 16.7

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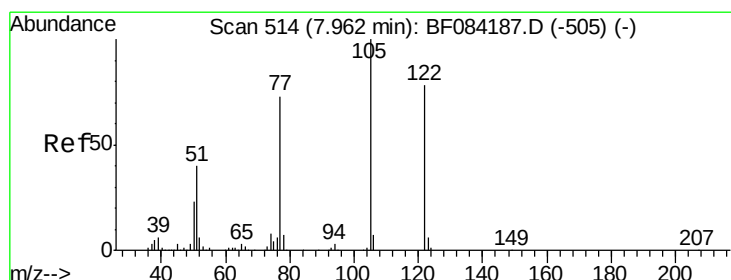
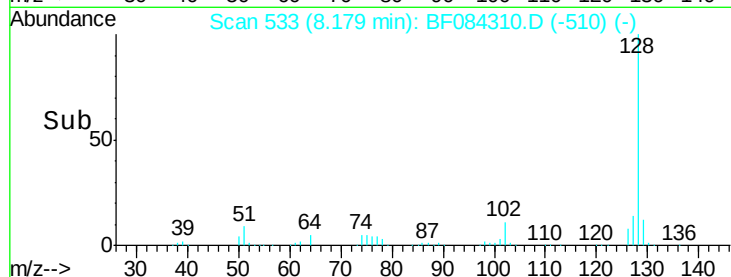
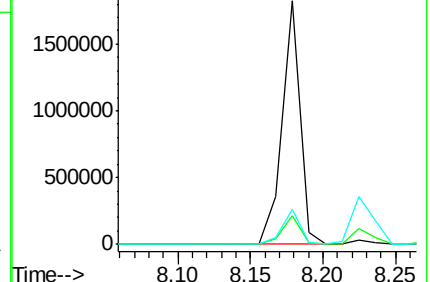
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 11.91 ng

RT: 7.89 min Scan# 508

Delta R.T. -0.07 min

Lab File: BF084310.D

Acq: 7 Jan 2016 17:29

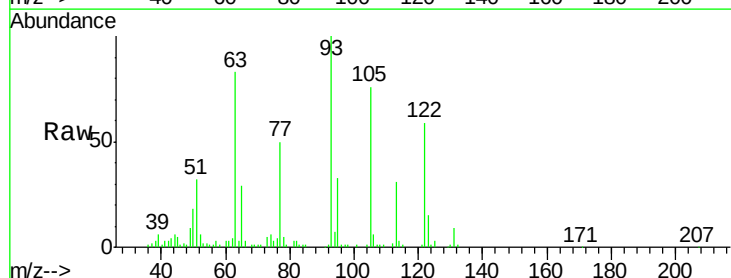
Tgt Ion:122 Resp: 70167

Ion Ratio Lower Upper

122 100

105 129.0 100.3 140.3

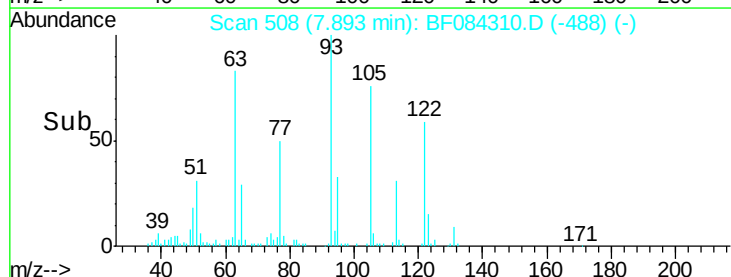
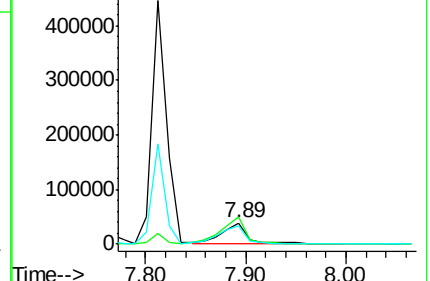
77 85.1 63.5 103.5

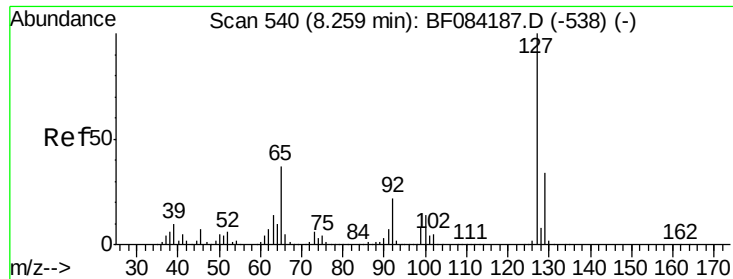


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





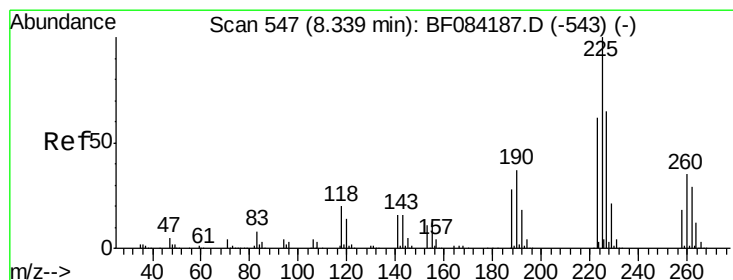
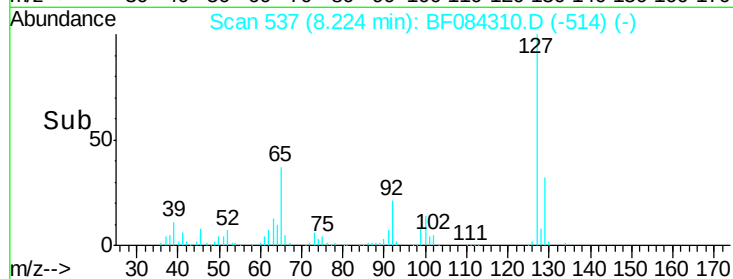
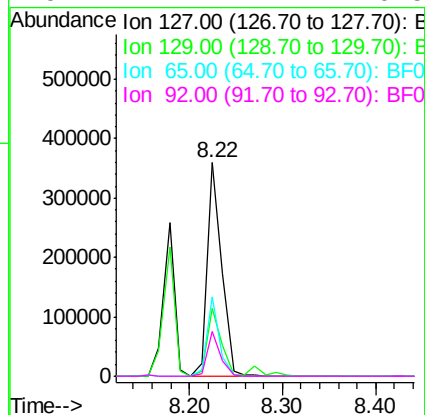
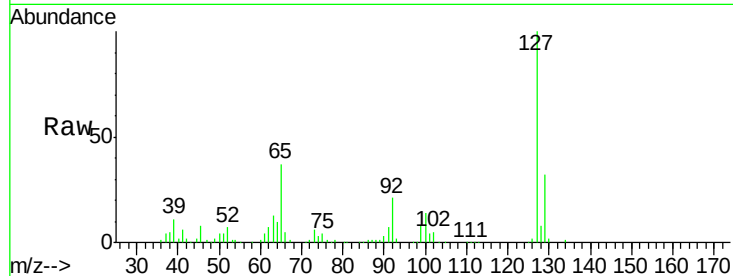
#33
4-Chloroaniline
Concen: 18.83 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.03 min
Lab File: BF084310.D
Acq: 7 Jan 2016 17:29

Instrument :
BNA_F
ClientSampleId :
SW002MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		391003		
129	32.0	26.5	39.7		
65	37.2	27.2	40.8		
92	21.2	17.7	26.5		

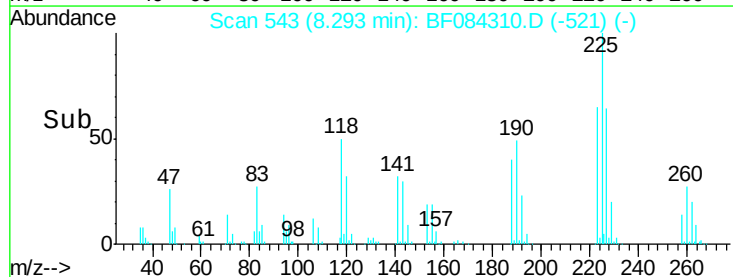
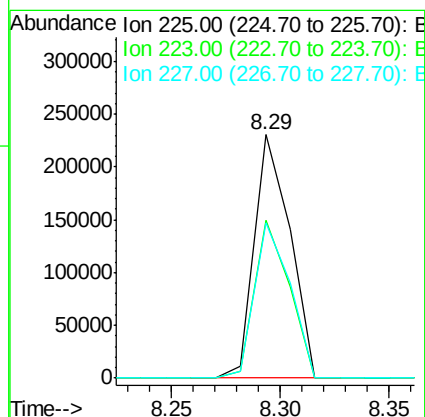
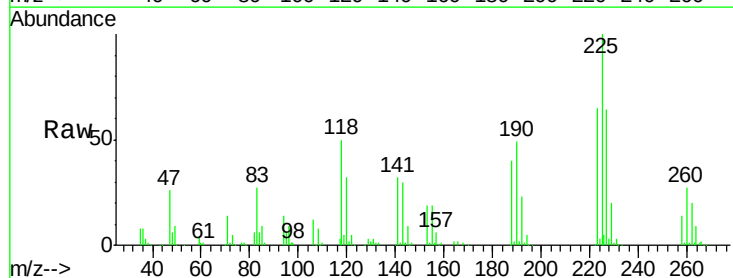
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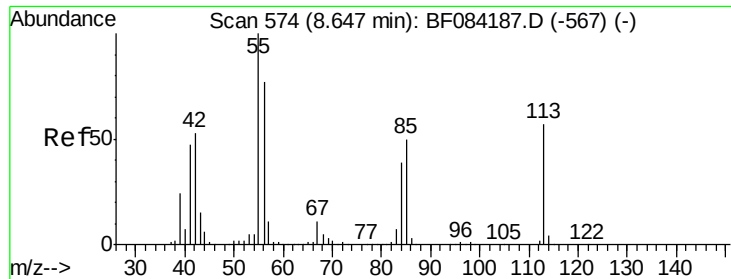
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#34
Hexachlorobutadiene
Concen: 31.61 ng
RT: 8.29 min Scan# 543
Delta R.T. -0.05 min
Lab File: BF084310.D
Acq: 7 Jan 2016 17:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		261850		
223	64.7	49.4	74.0		
227	63.8	50.8	76.2		





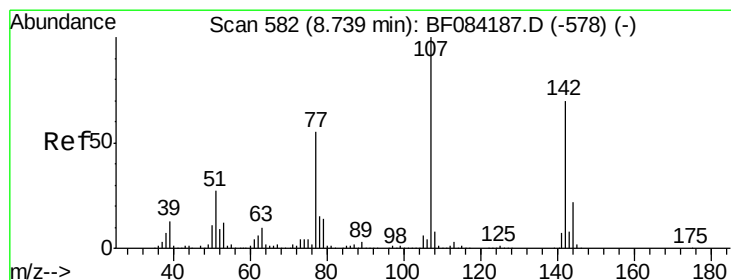
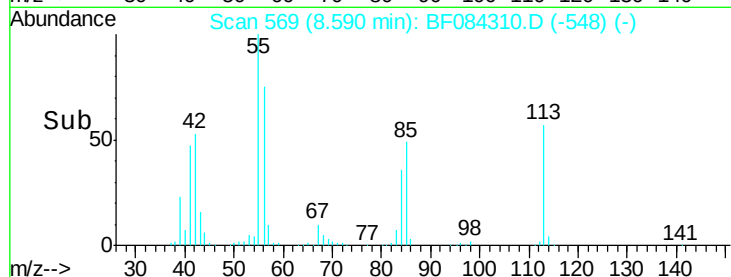
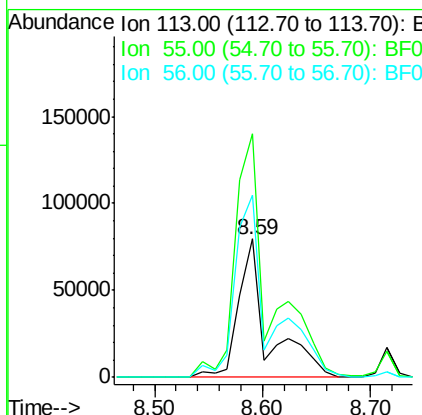
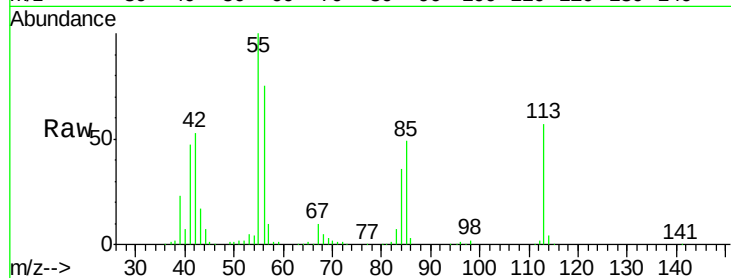
#35
 Caprolactam
 Concen: 32.19 ng/ml
 RT: 8.59 min Scan# 569
 Delta R.T. -0.06 min
 Lab File: BF084310.D
 Acq: 7 Jan 2016 17:29

Instrument :
 BNA_F
 ClientSampleId :
 SW002MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	176.2	116.9	156.9#
56	132.2	93.8	133.8

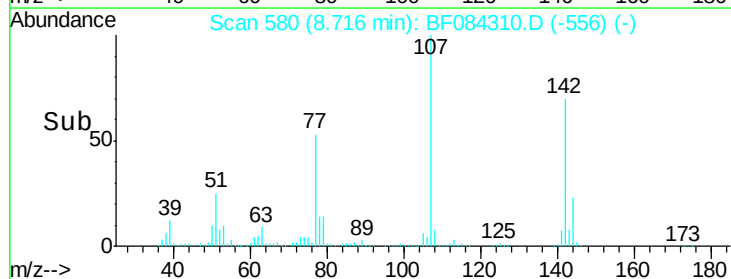
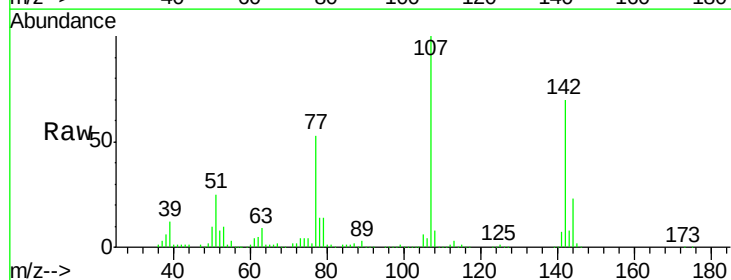
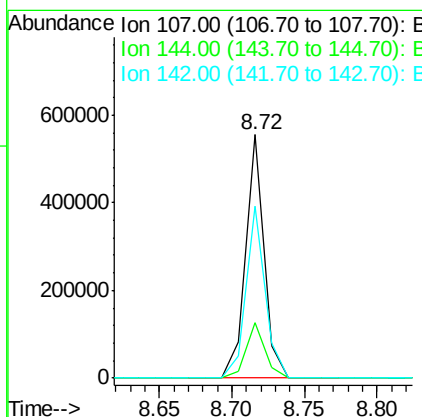
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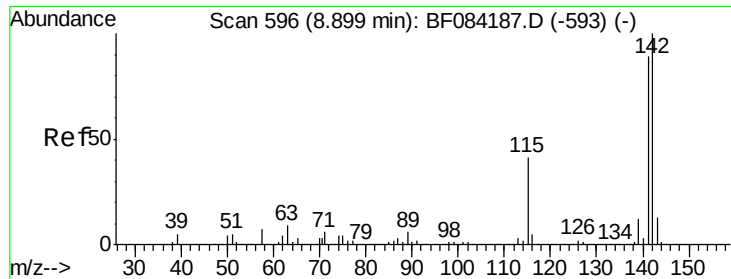
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#36
 4-Chloro-3-methylphenol
 Concen: 31.53 ng/ml
 RT: 8.72 min Scan# 580
 Delta R.T. -0.02 min
 Lab File: BF084310.D
 Acq: 7 Jan 2016 17:29

Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.8	19.7	29.5
142	70.4	61.8	92.6





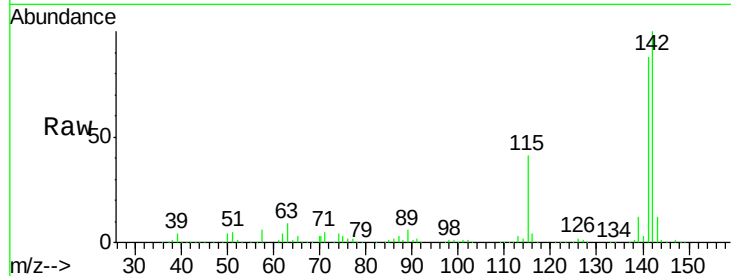
#37
2-Methylnaphthalene
Concen: 30.09 ng
RT: 8.86 min Scan# 593
Delta R.T. -0.03 min
Lab File: BF084310.D
Acq: 7 Jan 2016 17:29

Instrument :
BNA_F
ClientSampleId :
SW002MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.9	72.4	108.6
115	40.6	27.9	41.9

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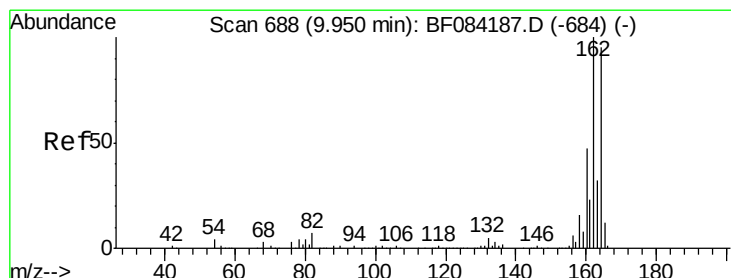
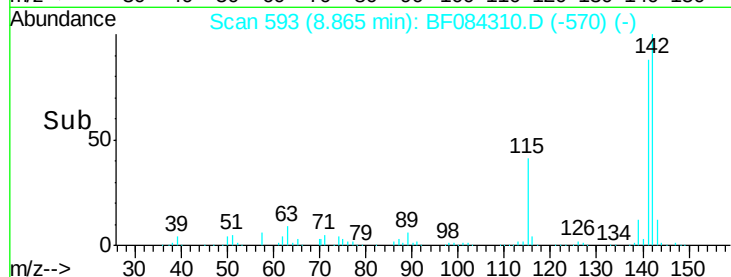
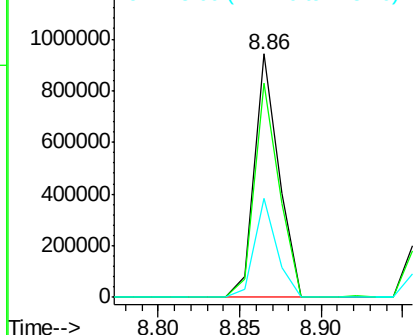


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.05 min
Lab File: BF084310.D
Acq: 7 Jan 2016 17:29

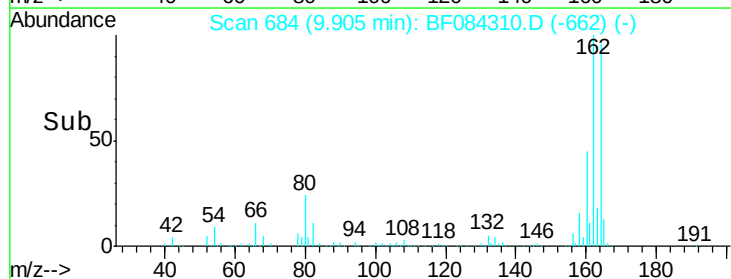
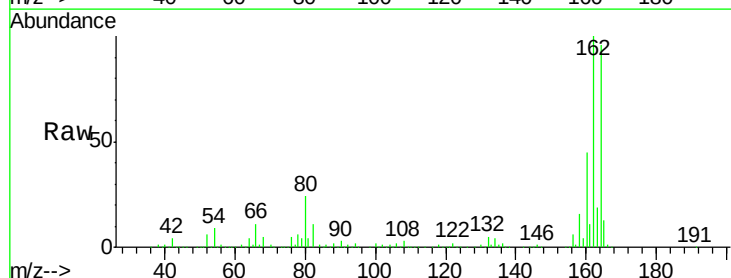
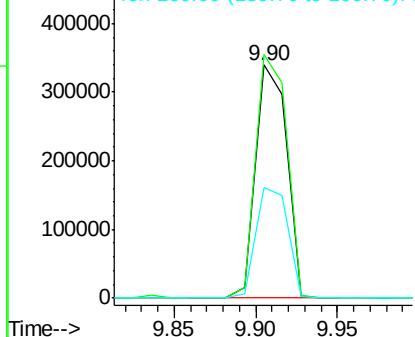
Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.4	85.1	127.7
160	47.2	37.5	56.3

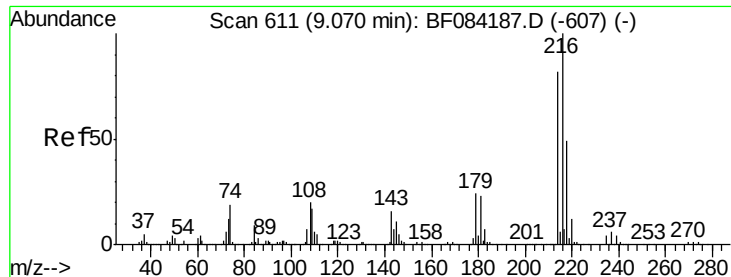
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.24 ng

RT: 9.04 min Scan# 608

Delta R.T. -0.03 min

Lab File: BF084310.D

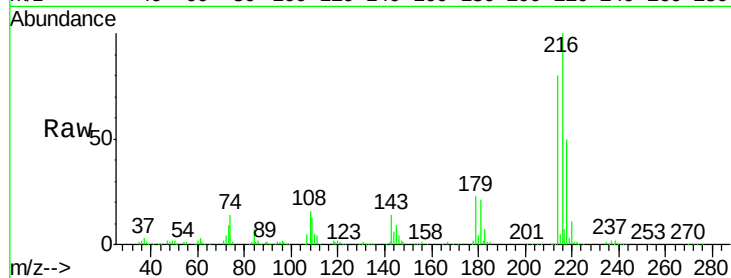
Acq: 7 Jan 2016 17:29

Instrument :

BNA_F

ClientSampleId :

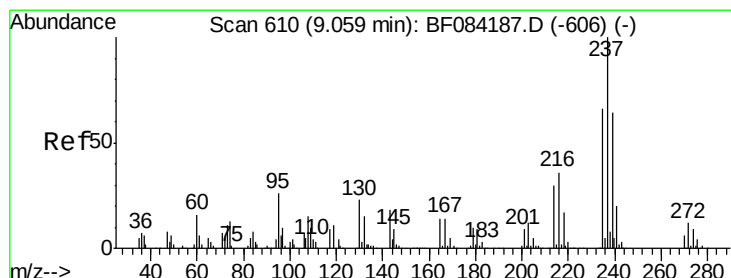
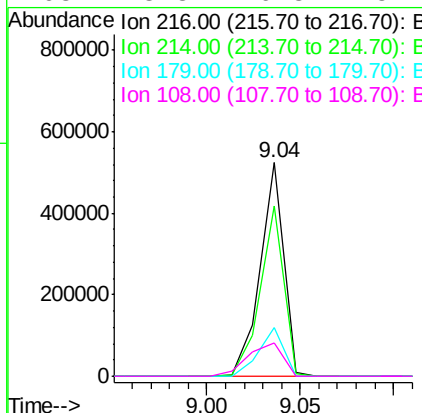
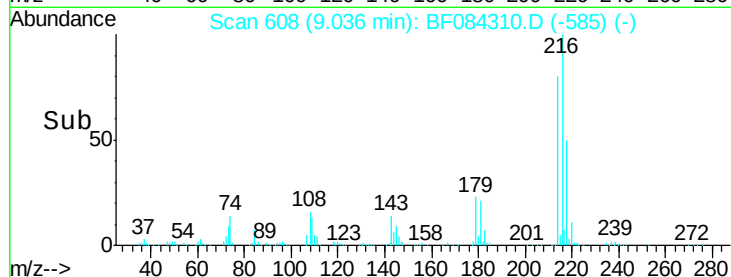
SW002MSD



Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		454525		
214	79.5	64.2	96.2		
179	24.1	18.7	28.1		
108	23.3	16.8	25.2		

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#40

Hexachlorocyclopentadiene

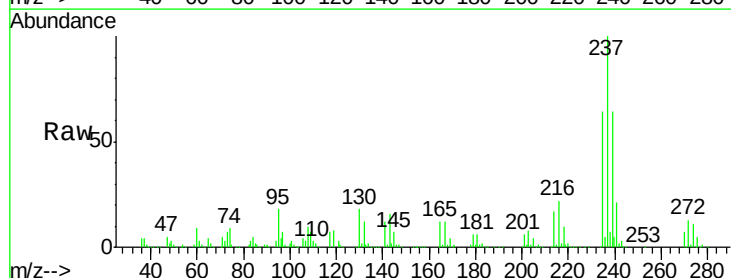
Concen: 65.34 ng

RT: 9.02 min Scan# 607

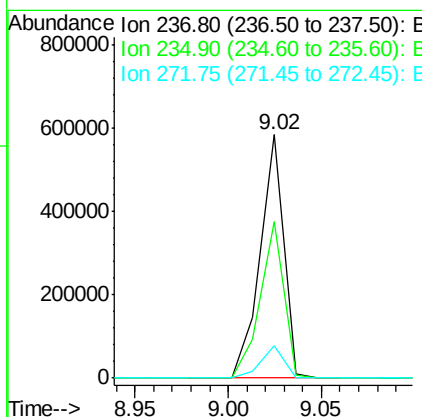
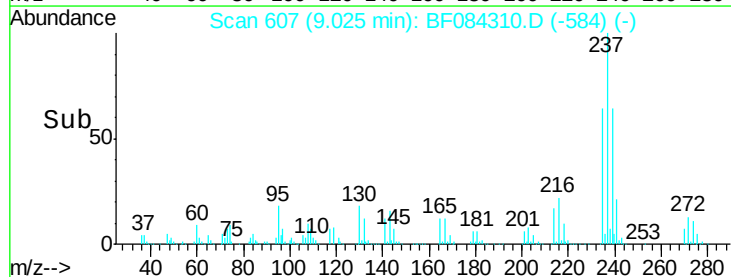
Delta R.T. -0.03 min

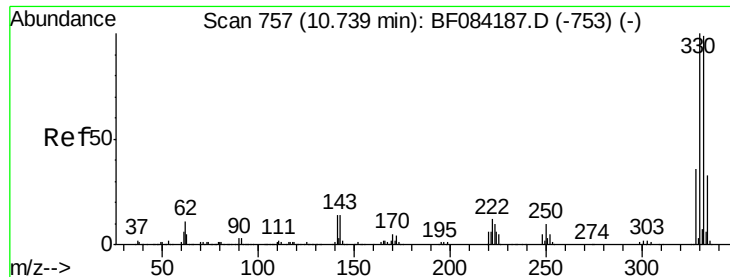
Lab File: BF084310.D

Acq: 7 Jan 2016 17:29



Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		508809		
235	64.3	43.1	83.1		
272	13.2	0.0	35.1		





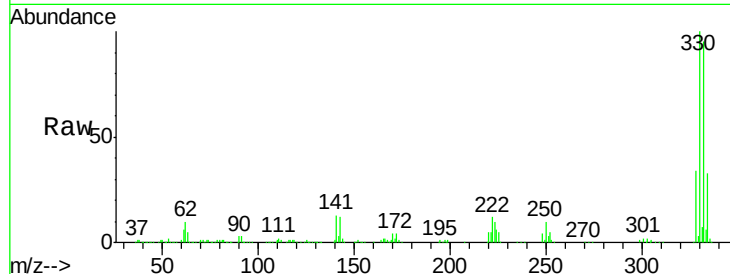
#41
 2,4,6-Tribromophenol
 Concen: 103.26 ng
 RT: 10.70 min Scan# 754
 Delta R.T. -0.03 min
 Lab File: BF084310.D
 Acq: 7 Jan 2016 17:29

Instrument :
 BNA_F
 ClientSampleId :
 SW002MSD

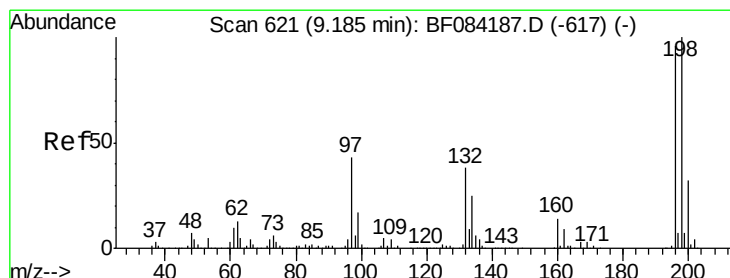
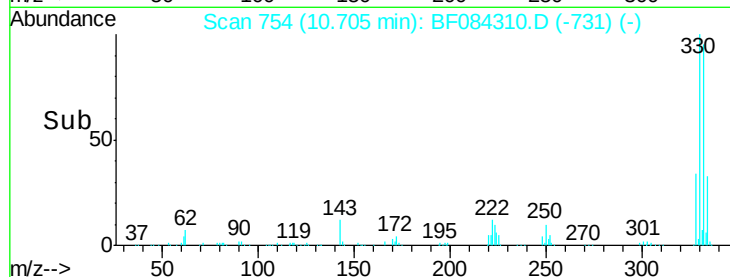
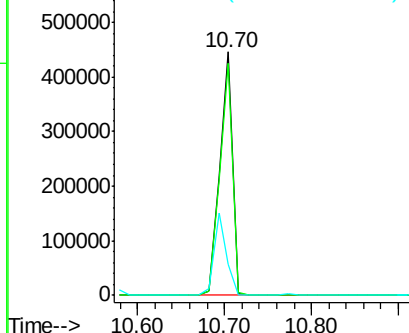
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.7	76.6	114.8	
141	32.5	27.8	41.6	

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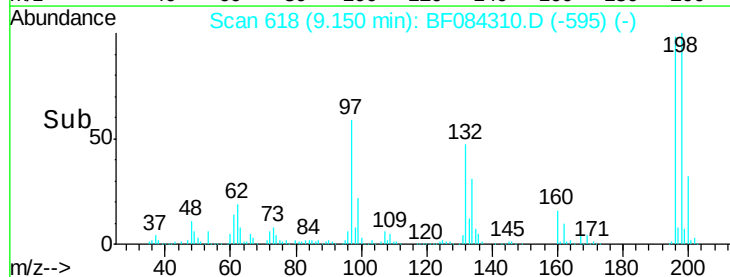
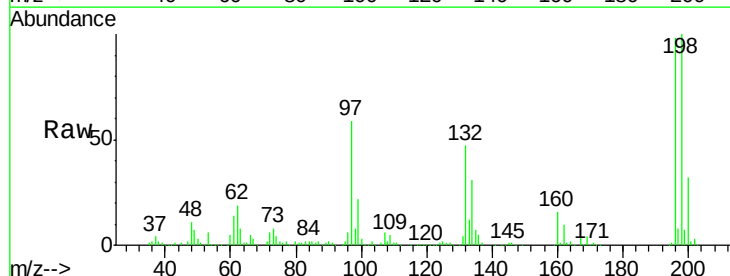
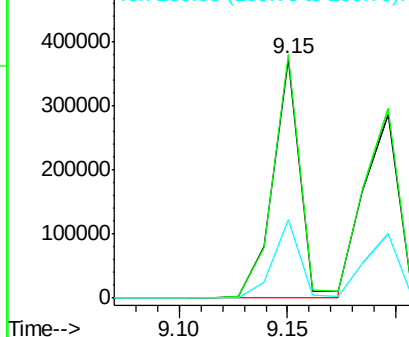
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

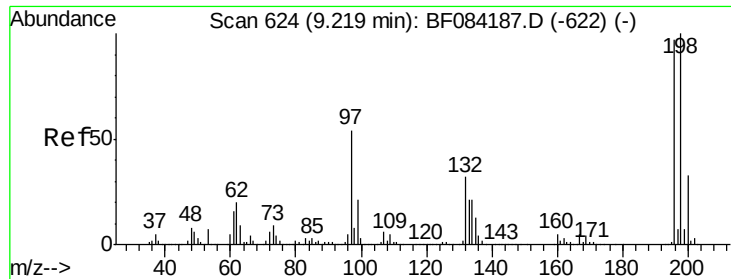


#42
 2,4,6-Trichlorophenol
 Concen: 33.89 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.03 min
 Lab File: BF084310.D
 Acq: 7 Jan 2016 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	101.9	77.7	116.5	
200	32.7	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





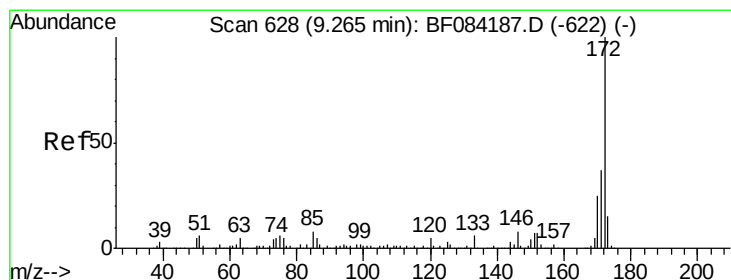
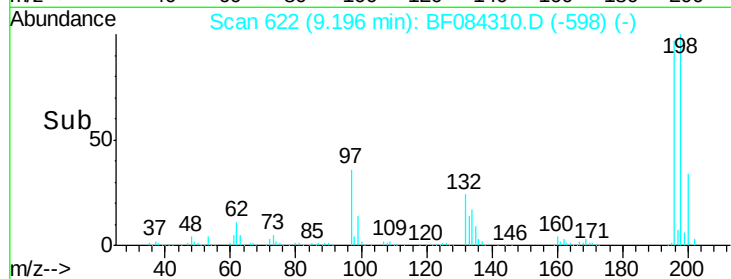
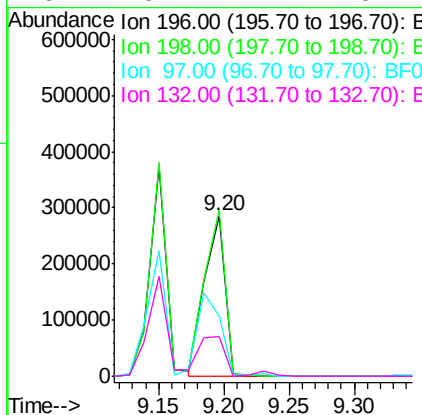
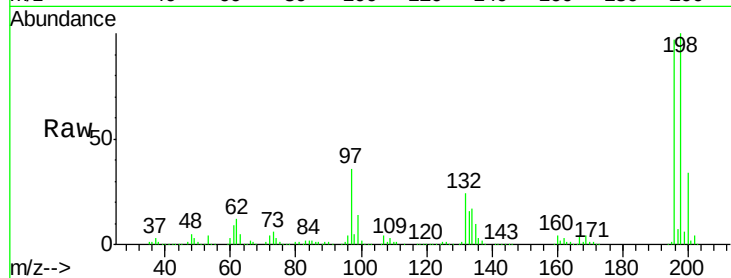
#43
 2,4,5-Trichlorophenol
 Concen: 34.30 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.02 min
 Lab File: BF084310.D
 Acq: 7 Jan 2016 17:29

Instrument :
 BNA_F
 ClientSampleId :
 SW002MSD

Tot Ion	196	Resp	317331
Ion Ratio	Lower	Upper	
196	100		
198	103.4	79.0	118.6
97	37.6	33.0	49.6
132	25.1	21.1	31.7

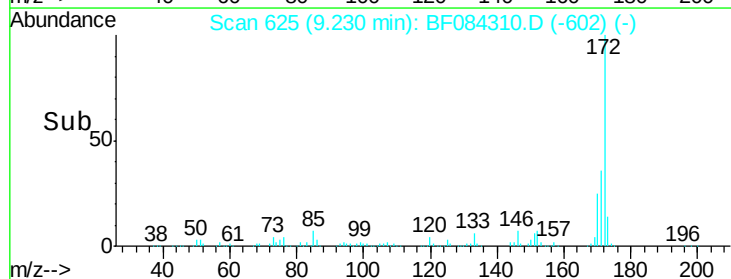
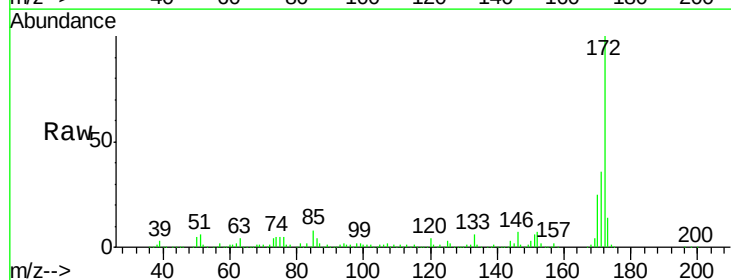
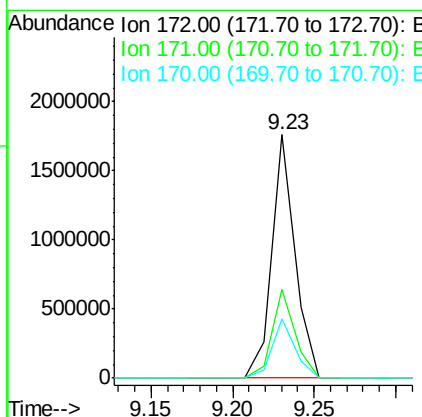
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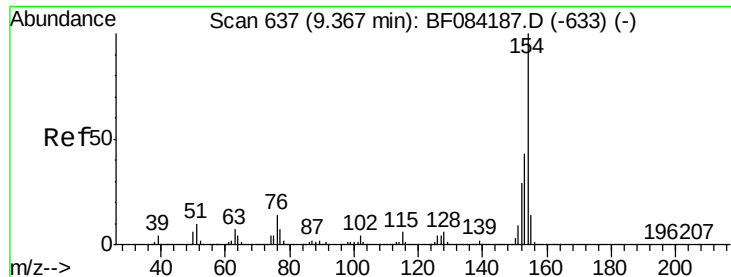
UMANGI
 1/8/2016 10:42:58 AM



#44
 2-Fluorobiphenyl
 Concen: 67.07 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.03 min
 Lab File: BF084310.D
 Acq: 7 Jan 2016 17:29

Tgt Ion	172	Resp	1744817
Ion Ratio	Lower	Upper	
172	100		
171	36.5	28.9	43.3
170	24.6	18.6	27.8





#45

1,1'-Biphenyl

Concen: 36.00 ng

RT: 9.33 min Scan# 634

Delta R.T. -0.03 min

Lab File: BF084310.D

Acq: 7 Jan 2016 17:29

Instrument :

BNA_F

ClientSampleId :

SW002MSD

Tot Ion:154 Resp: 1283796

Ion Ratio Lower Upper

154 100

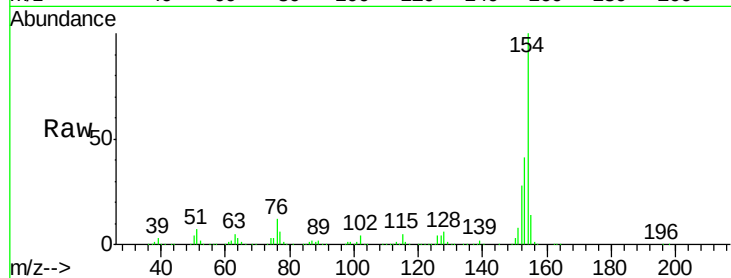
153 40.9 21.6 61.6

76 11.7 0.0 32.7

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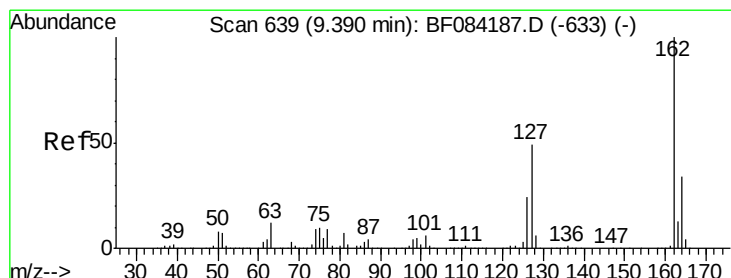
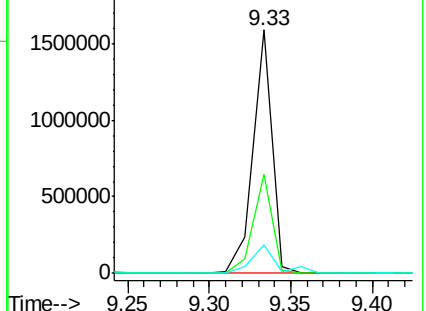
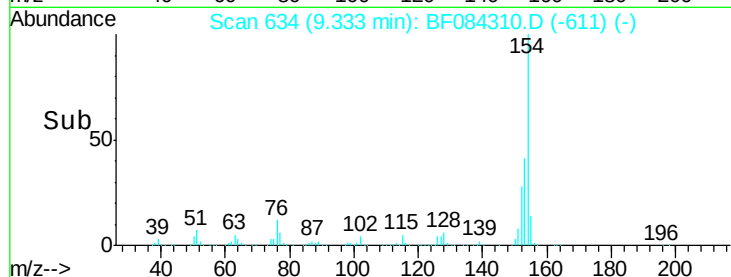
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 33.97 ng

RT: 9.36 min Scan# 636

Delta R.T. -0.03 min

Lab File: BF084310.D

Acq: 7 Jan 2016 17:29

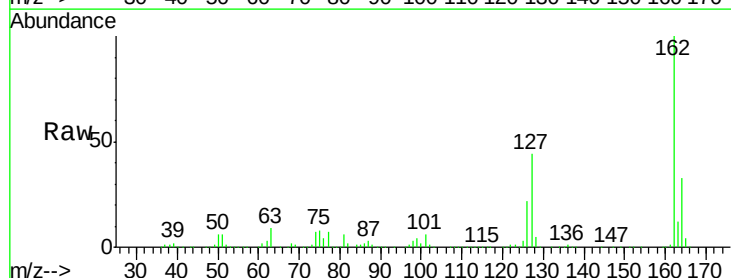
Tgt Ion:162 Resp: 951556

Ion Ratio Lower Upper

162 100

127 44.4 40.2 60.4

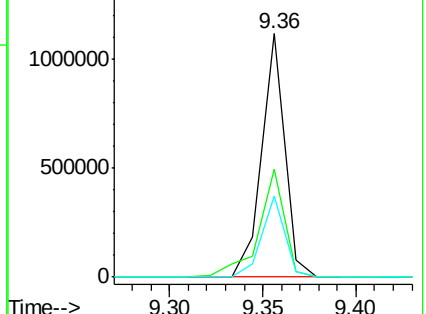
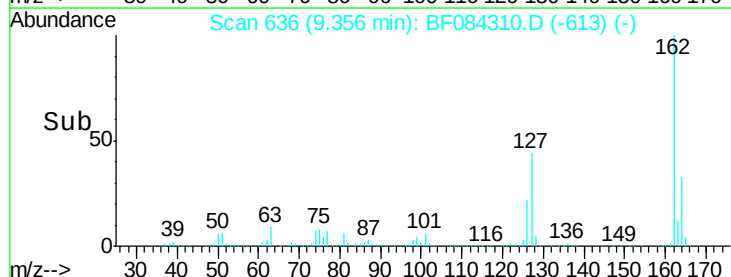
164 33.1 25.7 38.5

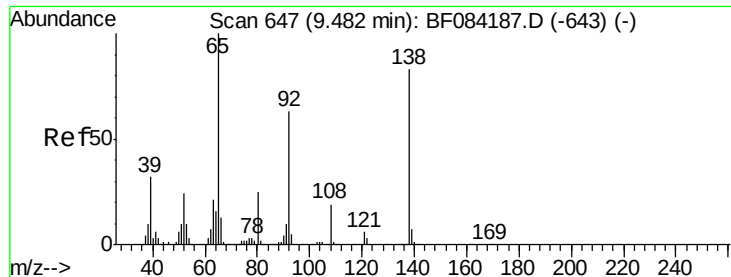


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 34.29 ng

RT: 9.46 min Scan# 645

Delta R.T. -0.02 min

Lab File: BF084310.D

Acq: 7 Jan 2016 17:29

Instrument :

BNA_F

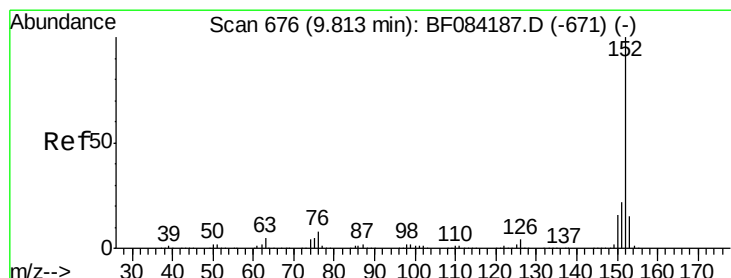
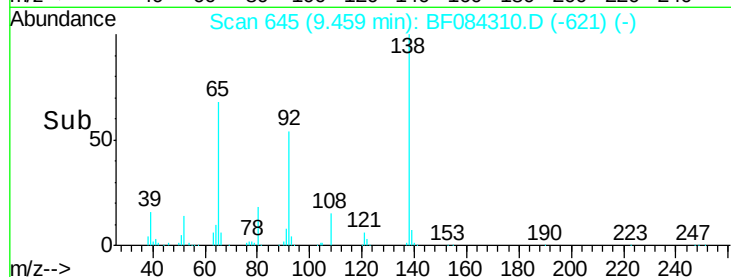
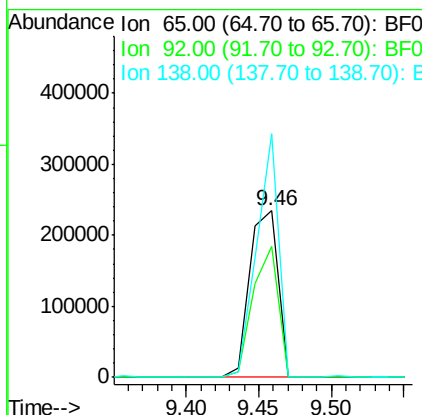
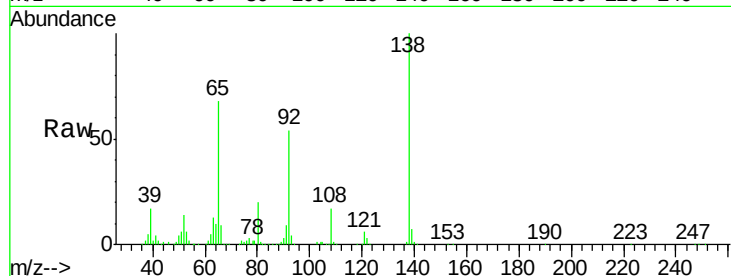
ClientSampleId :

SW002MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	78.4	53.4	80.2
138	146.1	71.1	106.7

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#48

Acenaphthylene

Concen: 33.25 ng

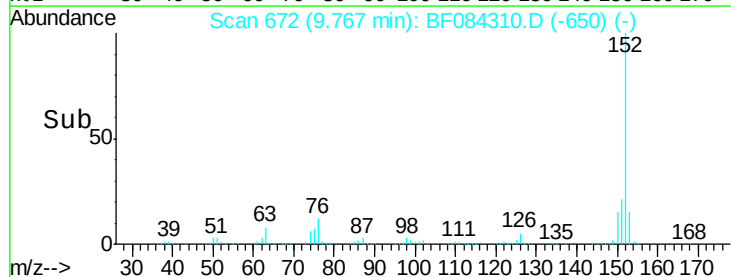
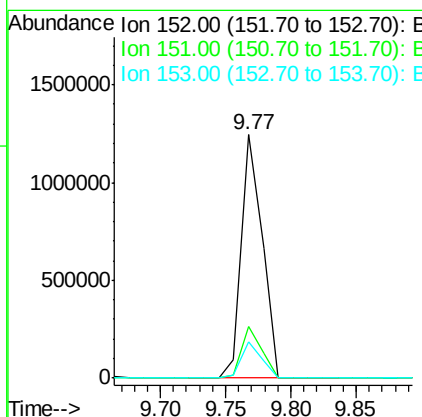
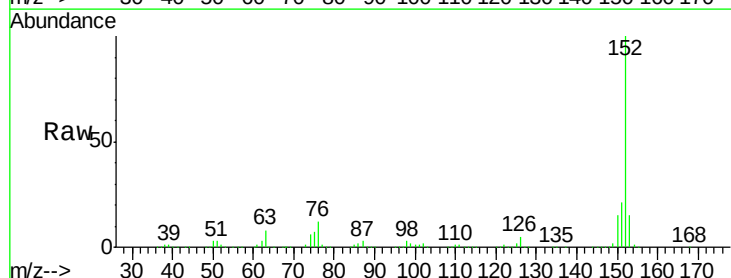
RT: 9.77 min Scan# 672

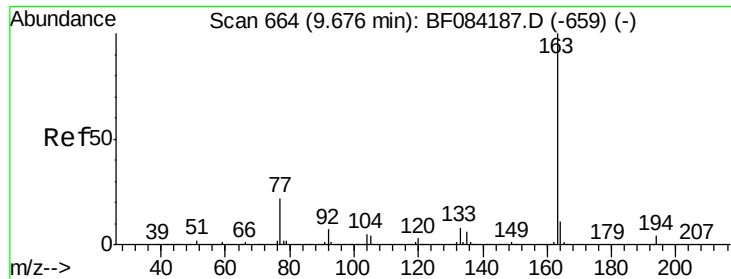
Delta R.T. -0.05 min

Lab File: BF084310.D

Acq: 7 Jan 2016 17:29

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.3	24.5
153	15.1	10.4	15.6





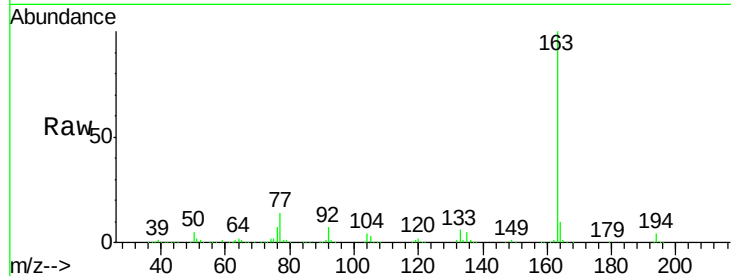
#49
Dimethylphthalate
Concen: 41.41 ng
RT: 9.64 min Scan# 661
Delta R.T. -0.03 min
Lab File: BF084310.D
Acq: 7 Jan 2016 17:29

Instrument :
BNA_F
ClientSampleId :
SW002MSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	1328425		
194	3.7		8.0	12.0#
164	9.7		8.0	12.0

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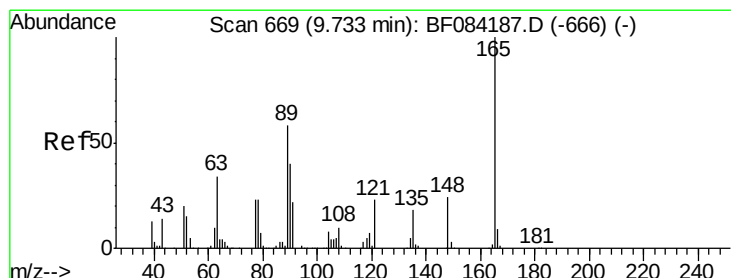
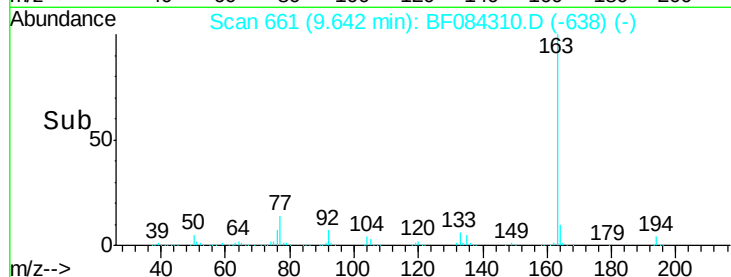
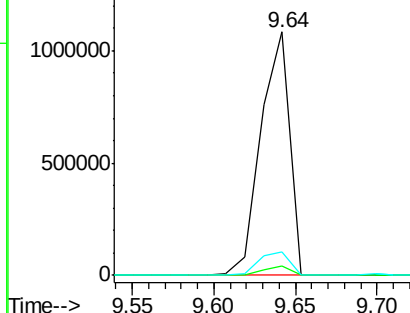


Abundance

Ion 163.00 (162.70 to 163.70): E

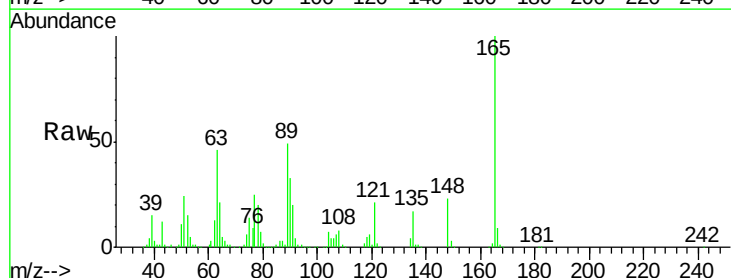
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50
2,6-Dinitrotoluene
Concen: 38.97 ng
RT: 9.70 min Scan# 666
Delta R.T. -0.03 min
Lab File: BF084310.D
Acq: 7 Jan 2016 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	274186		
63	46.5		28.8	43.2#
89	49.2		35.1	52.7

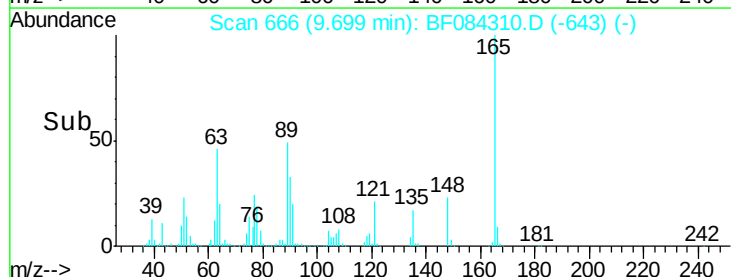
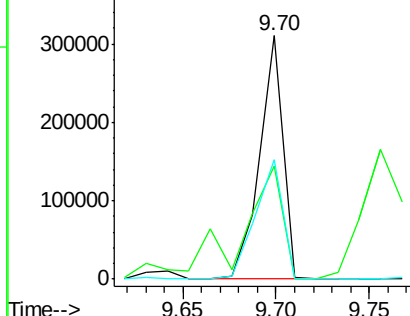


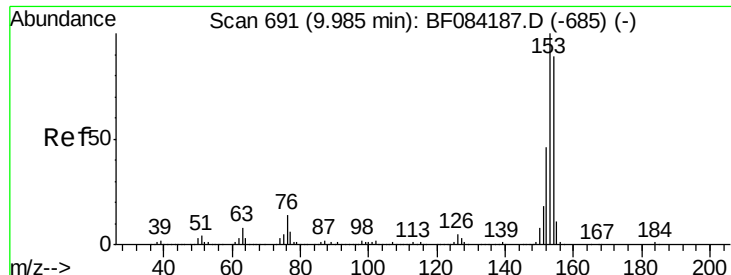
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 34.70 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.05 min

Lab File: BF084310.D

Acq: 7 Jan 2016 17:29

Instrument :

BNA_F

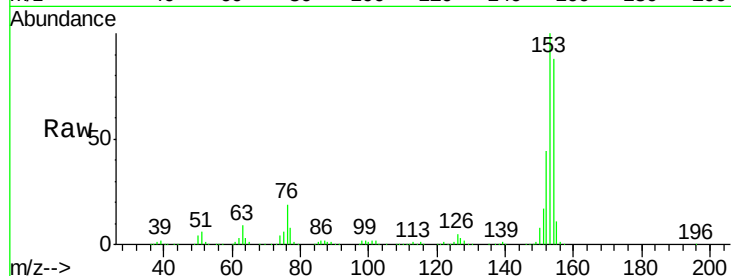
ClientSampleId :

SW002MSD

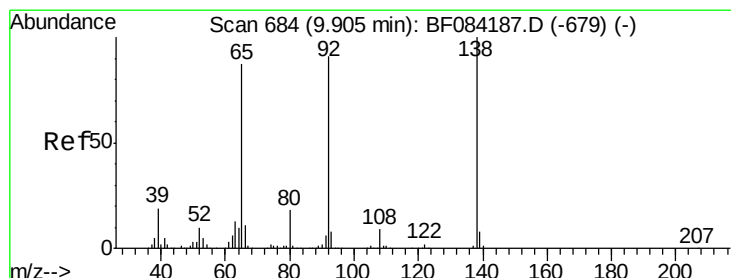
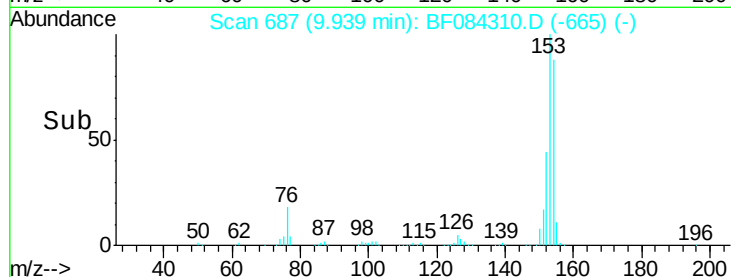
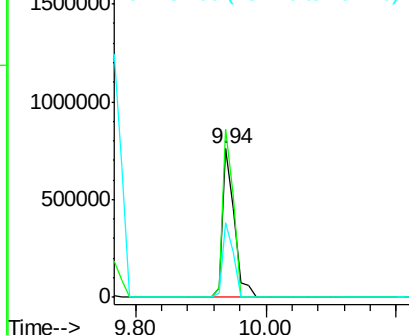
Tot Ion:	154	Resp:	963124
Ion Ratio	Lower	Upper	
154	100		
153	113.1	91.5	137.3
152	50.3	43.0	64.6

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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: 27.07 ng

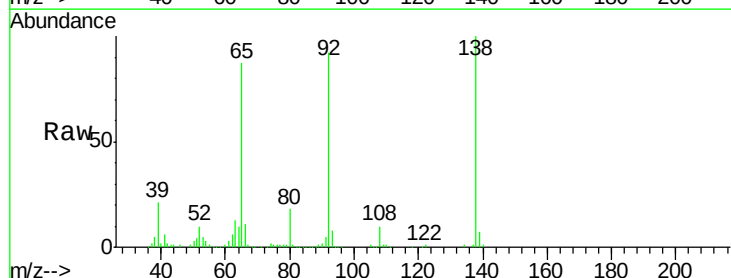
RT: 9.87 min Scan# 681

Delta R.T. -0.03 min

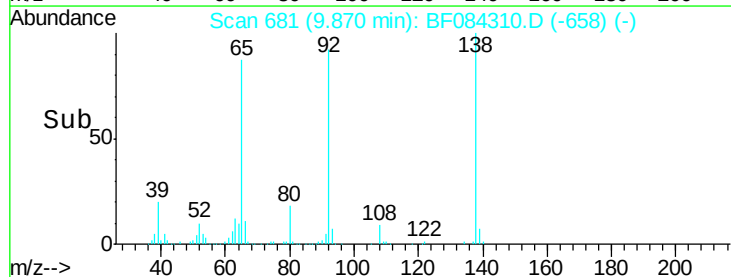
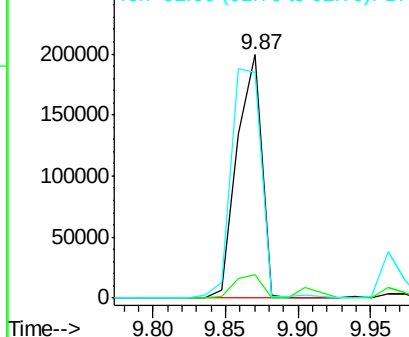
Lab File: BF084310.D

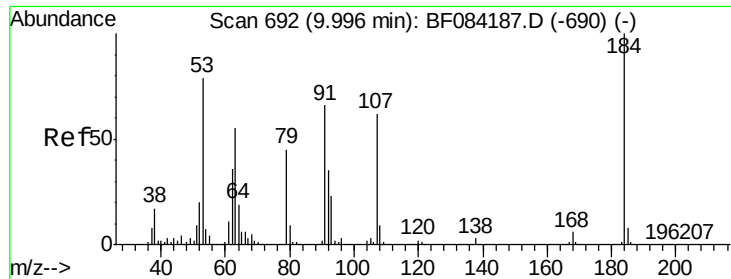
Acq: 7 Jan 2016 17:29

Tgt Ion:	138	Resp:	235958
Ion Ratio	Lower	Upper	
138	100		
108	9.6	10.5	15.7#
92	92.5	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





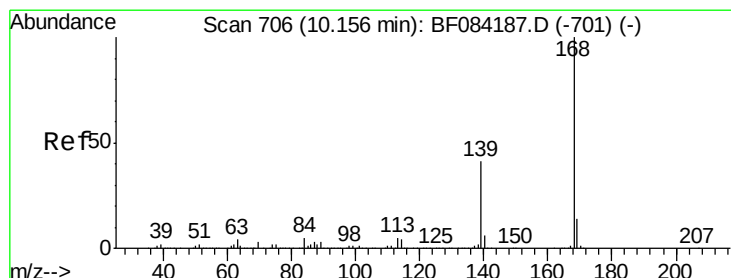
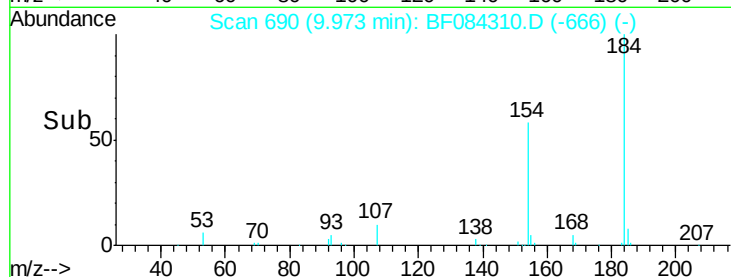
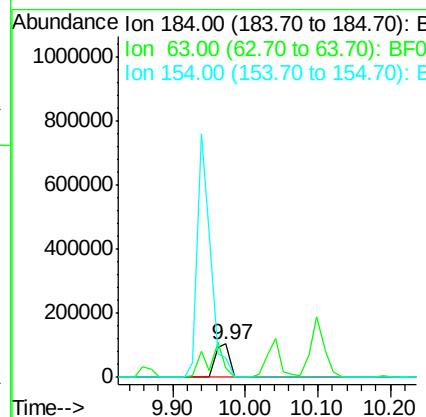
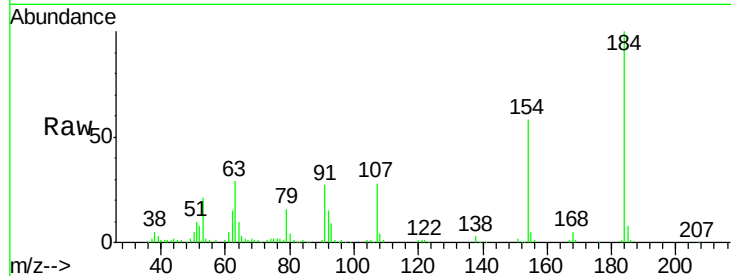
#53
2,4-Dinitrophenol
Concen: 49.21 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.02 min
Lab File: BF084310.D
Acq: 7 Jan 2016 17:29

Instrument :
BNA_F
ClientSampleId :
SW002MSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100	143195		
63	29.2	43.1	64.7#	
154	58.2	60.5	90.7#	

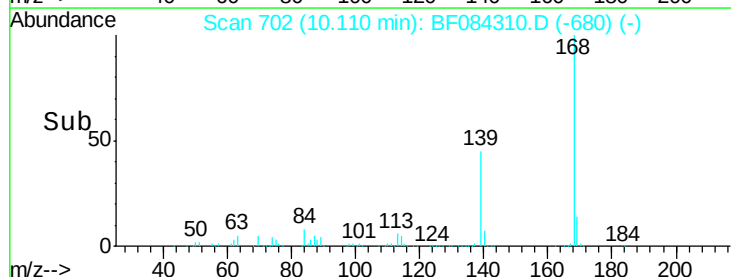
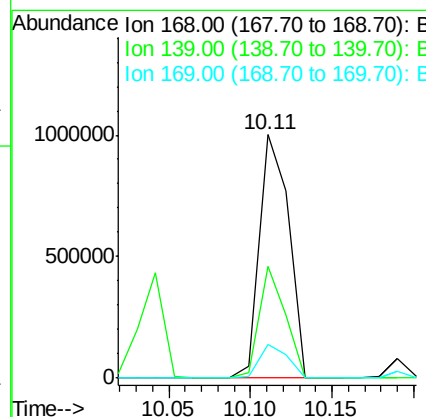
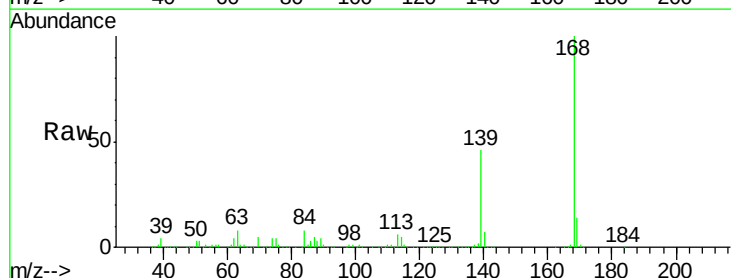
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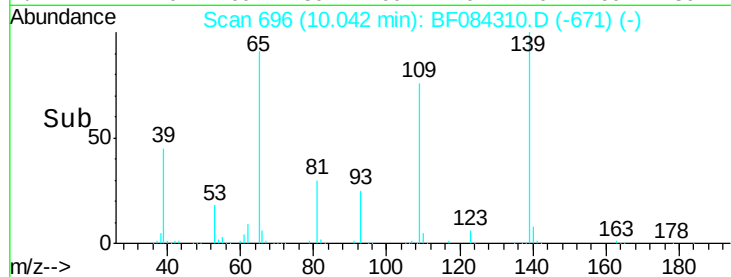
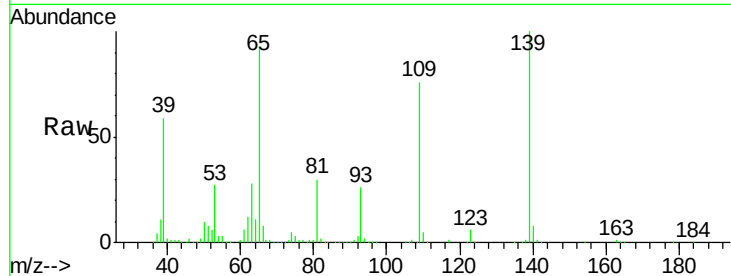
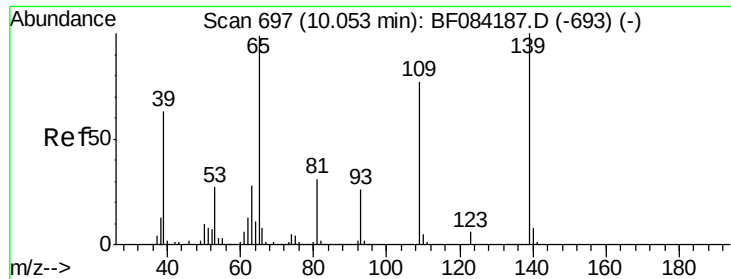
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#54
Dibenzofuran
Concen: 34.12 ng
RT: 10.11 min Scan# 702
Delta R.T. -0.05 min
Lab File: BF084310.D
Acq: 7 Jan 2016 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1252415		
139	46.1	30.5	45.7#	
169	13.9	10.4	15.6	





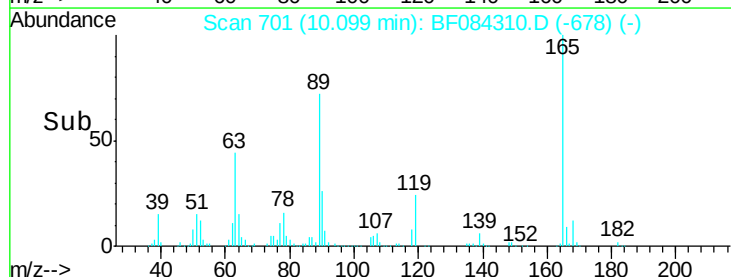
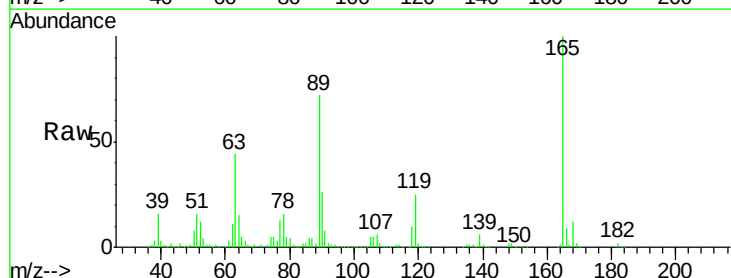
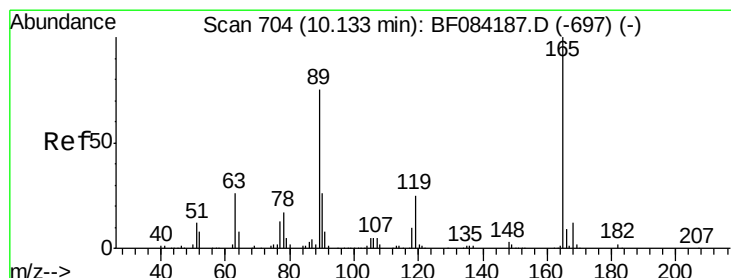
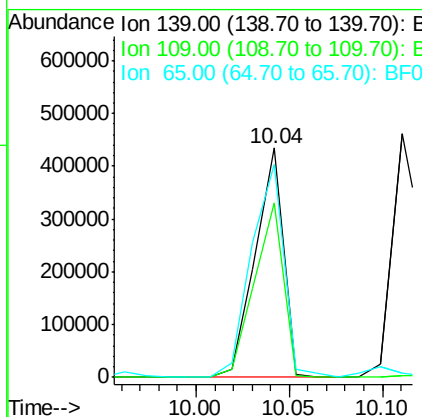
#55
4-Nitrophenol
Concen: 71.76 ng
RT: 10.04 min Scan# 696
Delta R.T. -0.01 min
Lab File: BF084310.D
Acq: 7 Jan 2016 17:29

Tot Ion	Ratio	Resp	Lower	Upper
139	100	454109		
109	76.0	58.5	98.5	
65	93.0	57.6	97.6	

Instrument :
BNA_F
ClientSampleId :
SW002MSD

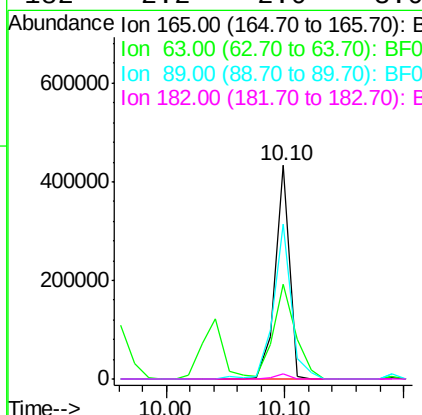
Manual Integrations
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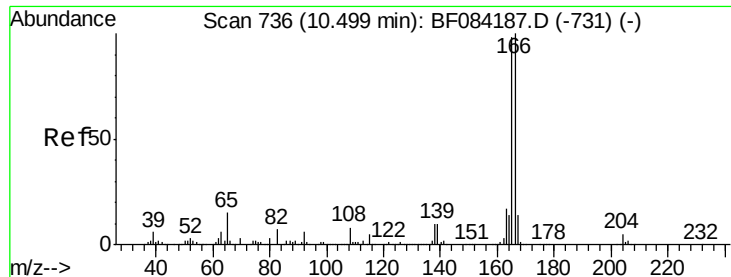
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#56
2,4-Dinitrotoluene
Concen: 40.83 ng
RT: 10.10 min Scan# 701
Delta R.T. -0.03 min
Lab File: BF084310.D
Acq: 7 Jan 2016 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	363523		
63	44.1	36.7	55.1	
89	72.4	61.9	92.9	
182	2.2	2.0	3.0	





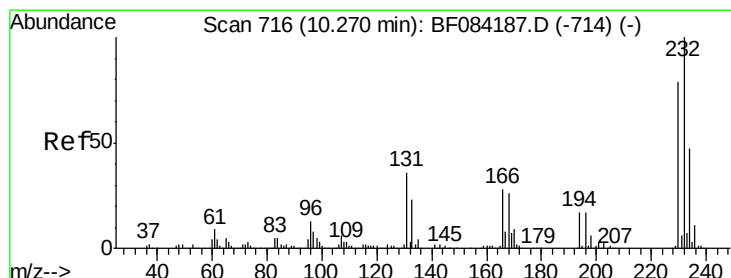
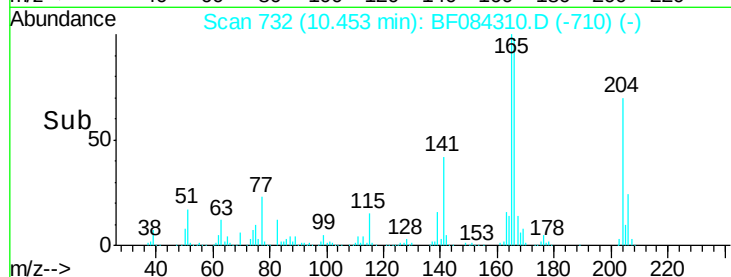
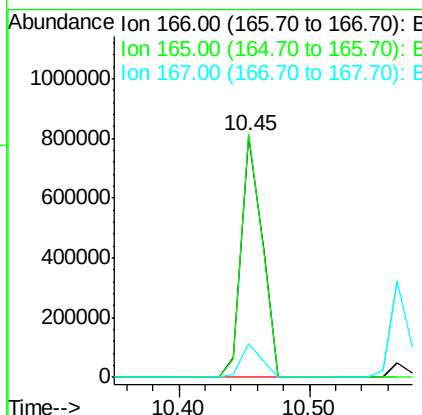
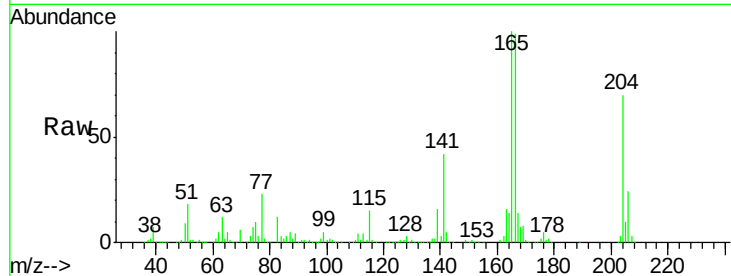
#57
 Fluorene
 Concen: 31.45 ng
 RT: 10.45 min Scan# 732
 Delta R.T. -0.04 min
 Lab File: BF084310.D
 Acq: 7 Jan 2016 17:29

Instrument :
 BNA_F
 ClientSampleId :
 SW002MSD

Tot Ion	Ratio	Lower	Upper
166	100		
165	100.9	79.1	118.7
167	14.0	10.4	15.6

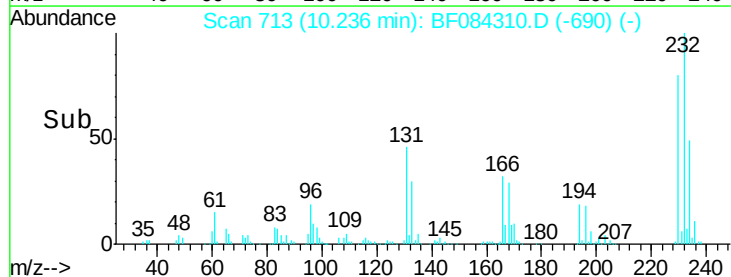
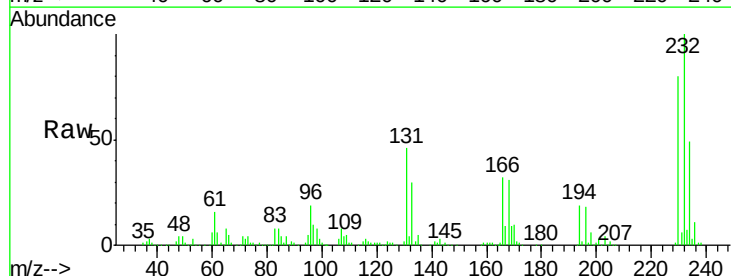
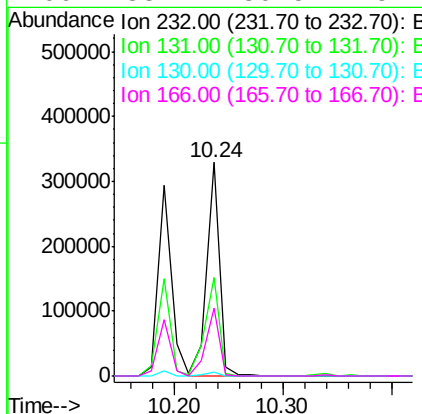
Manual Integrations
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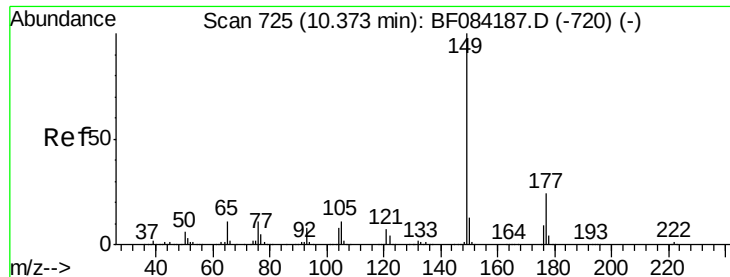
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 34.26 ng
 RT: 10.24 min Scan# 713
 Delta R.T. -0.03 min
 Lab File: BF084310.D
 Acq: 7 Jan 2016 17:29

Tgt Ion	Ratio	Lower	Upper
232	100		
131	52.3	47.0	70.6
130	2.3	2.0	3.0
166	33.4	30.5	45.7





#59

Diethylphthalate

Concen: 35.89 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.03 min

Lab File: BF084310.D

Acq: 7 Jan 2016 17:29

Instrument :

BNA_F

ClientSampleId :

SW002MSD

Tot Ion:149 Resp: 1135182

Ion Ratio Lower Upper

149 100

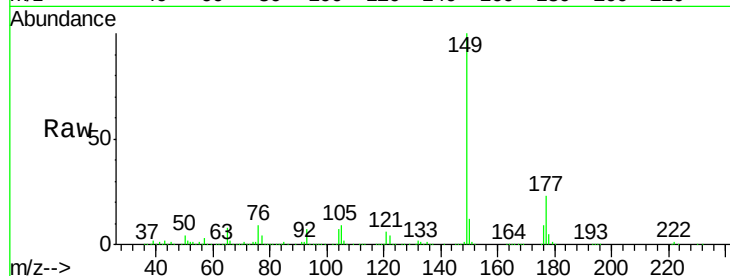
177 23.4 17.3 25.9

150 12.4 9.8 14.8

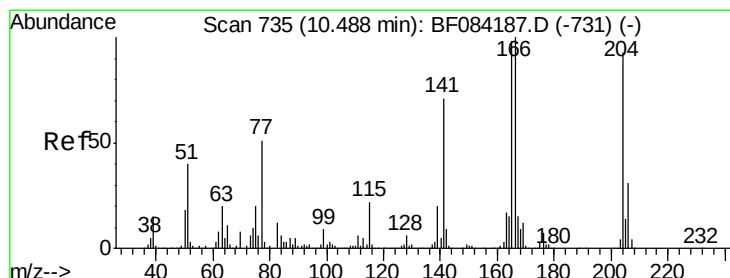
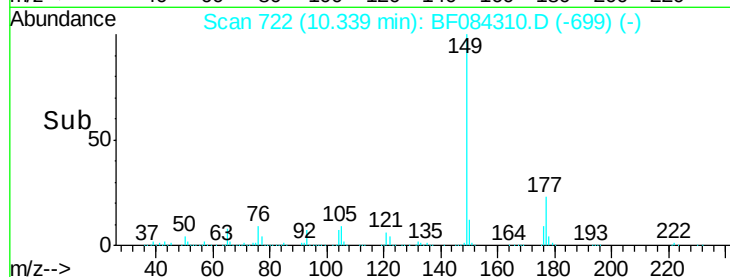
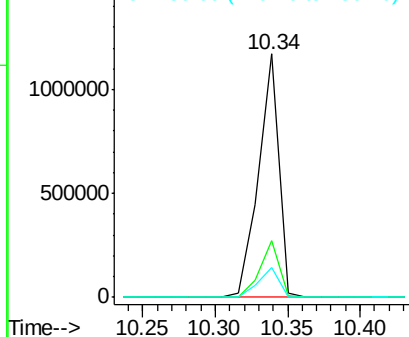
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 40.52 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.03 min

Lab File: BF084310.D

Acq: 7 Jan 2016 17:29

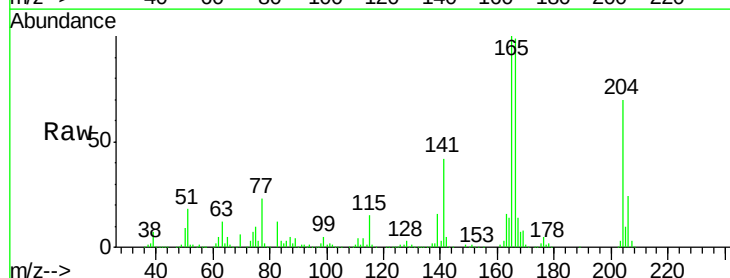
Tgt Ion:204 Resp: 484579

Ion Ratio Lower Upper

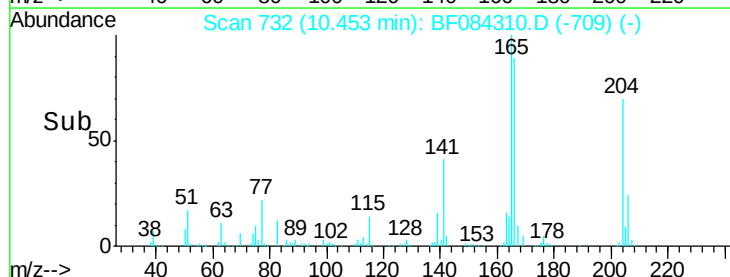
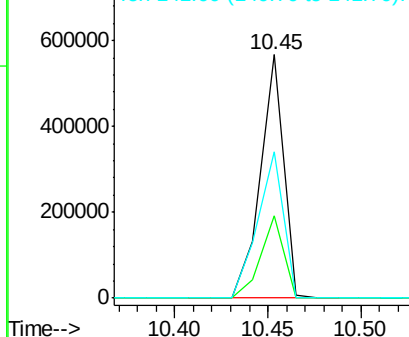
204 100

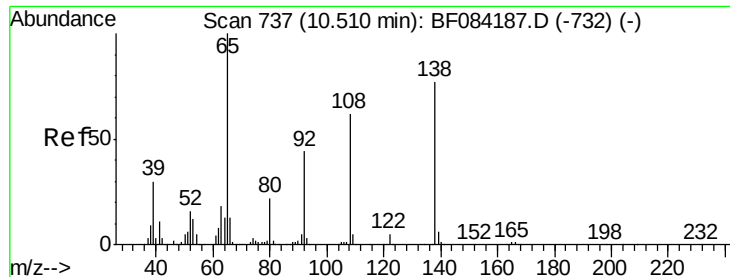
206 33.8 25.7 38.5

141 60.3 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





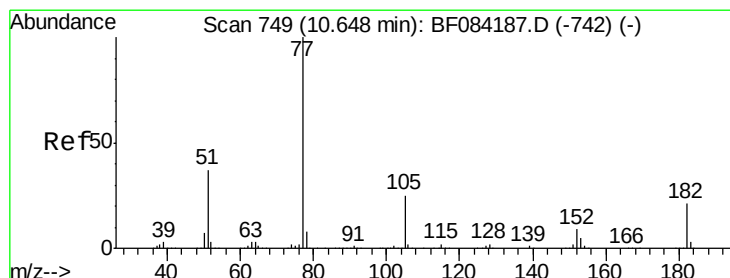
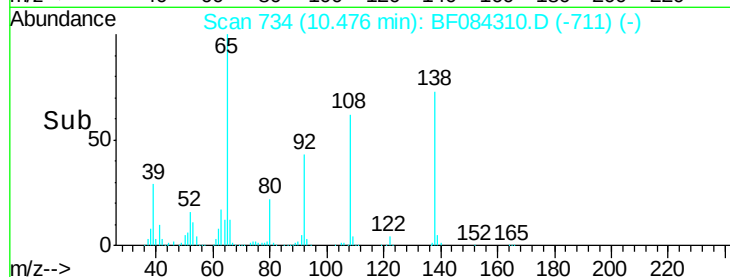
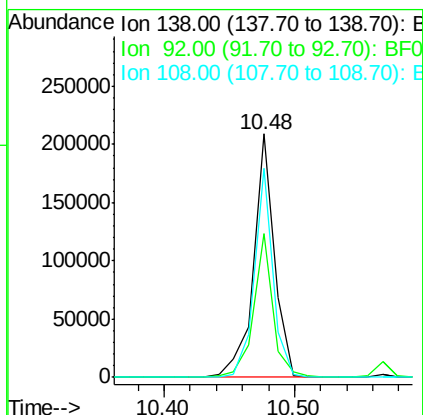
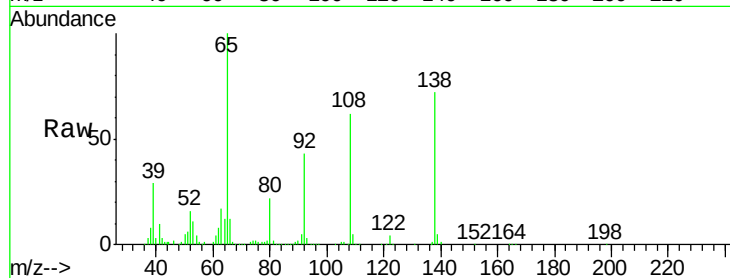
#61
4-Nitroaniline
Concen: 29.96 ng
RT: 10.48 min Scan# 734
Delta R.T. -0.03 min
Lab File: BF084310.D
Acq: 7 Jan 2016 17:29

Instrument :
BNA_F
ClientSampleId :
SW002MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	58.8	32.6	72.6
108	86.1	68.6	108.6

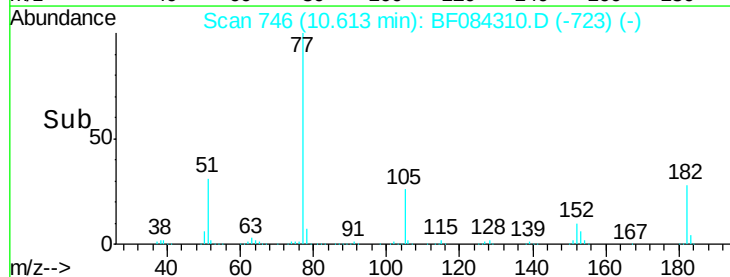
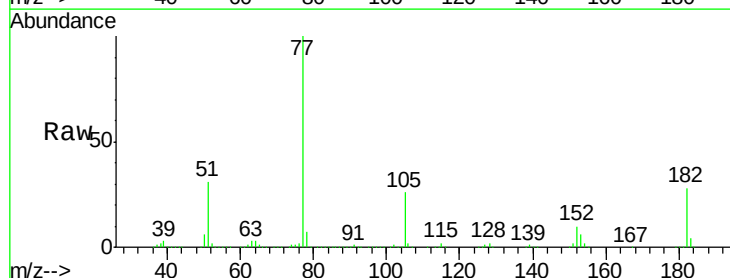
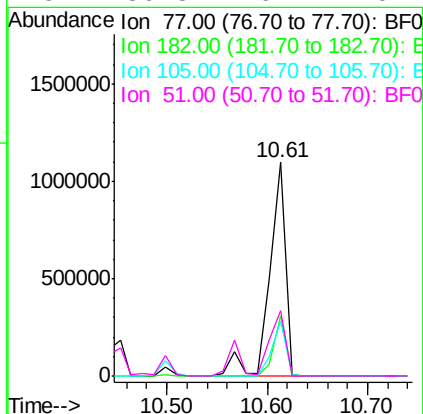
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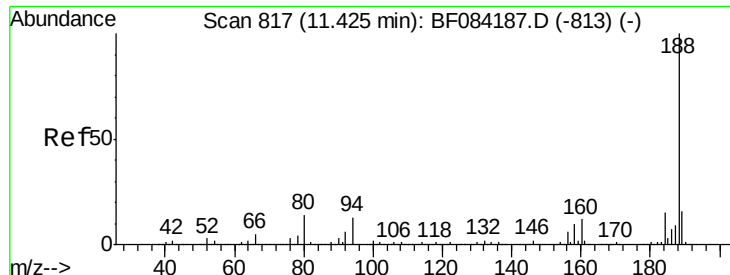
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#62
Azobenzene
Concen: 35.04 ng
RT: 10.61 min Scan# 746
Delta R.T. -0.03 min
Lab File: BF084310.D
Acq: 7 Jan 2016 17:29

Tgt Ion	Ratio	Lower	Upper
77	100		
182	28.0	8.3	48.3
105	25.8	4.6	44.6
51	30.8	6.2	46.2





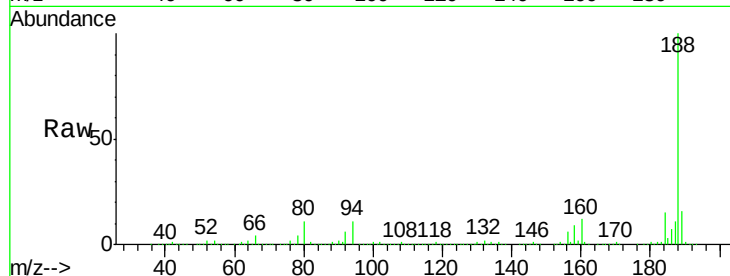
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.03 min
Lab File: BF084310.D
Acq: 7 Jan 2016 17:29

Instrument :
BNA_F
ClientSampleId :
SW002MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	10.6	9.0	13.4
80	11.1	9.6	14.4

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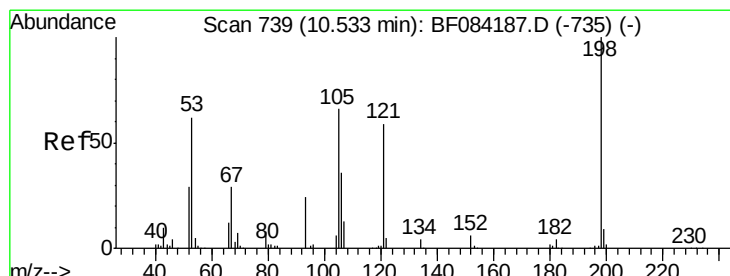
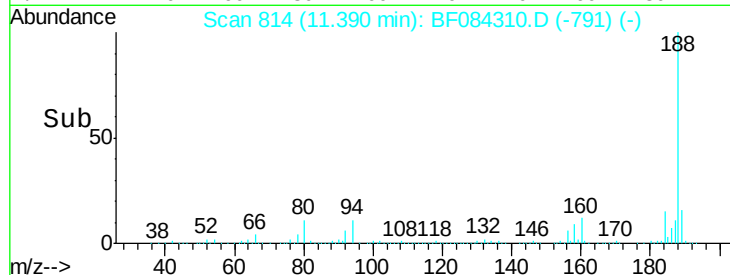
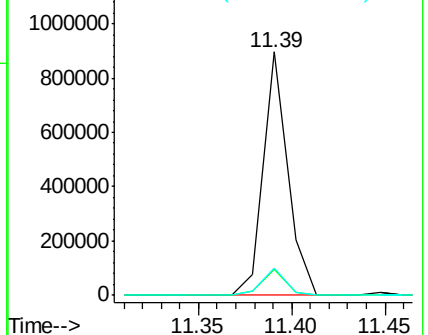
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



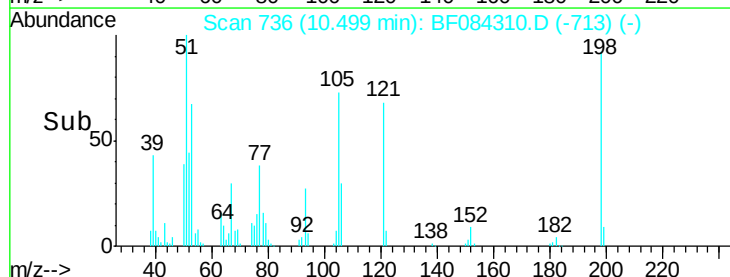
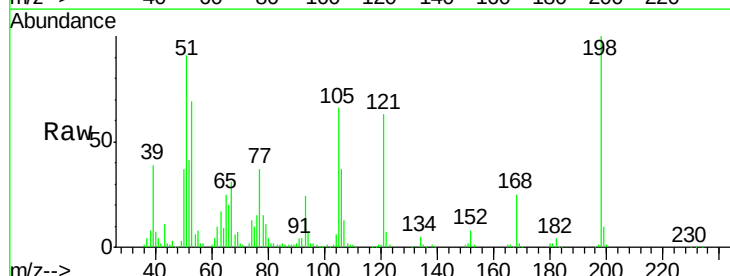
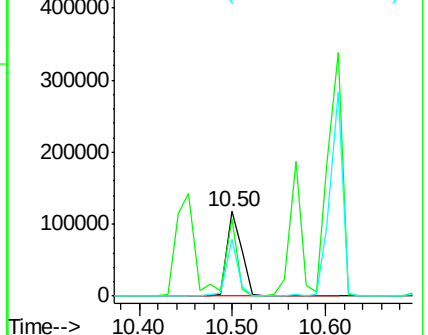
#64
4,6-Dinitro-2-methylphenol
Concen: 26.98 ng
RT: 10.50 min Scan# 736
Delta R.T. -0.03 min
Lab File: BF084310.D
Acq: 7 Jan 2016 17:29

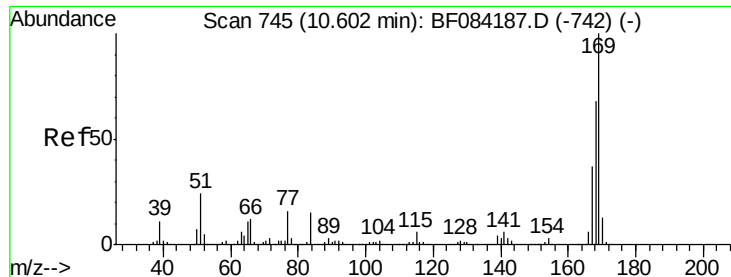
Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	90.6	18.9	58.9#
105	66.2	26.4	66.4

Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 31.91 ng

RT: 10.57 min Scan# 742

Delta R.T. -0.03 min

Lab File: BF084310.D

Acq: 7 Jan 2016 17:29

Instrument :

BNA_F

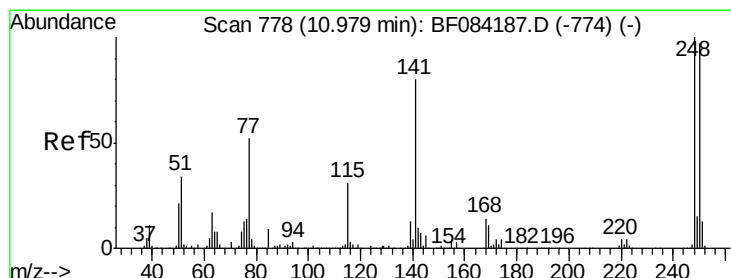
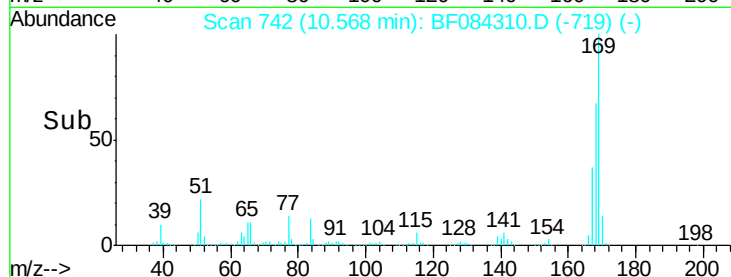
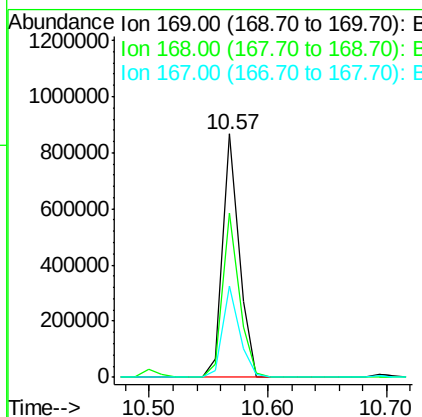
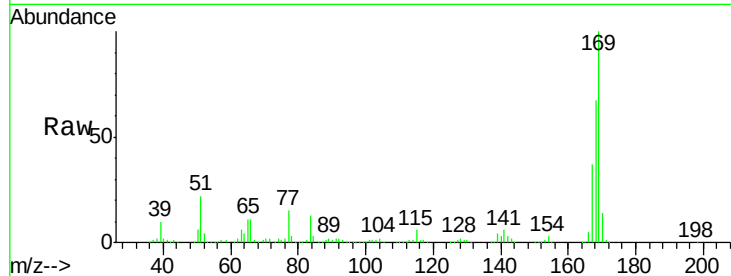
ClientSampleId :

SW002MSD

Tot Ion:	169	Resp:	828208
Ion Ratio	Lower	Upper	
169	100		
168	67.3	55.1	82.7
167	37.3	30.0	45.0

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#66

4-Bromophenyl-phenylether

Concen: 34.29 ng

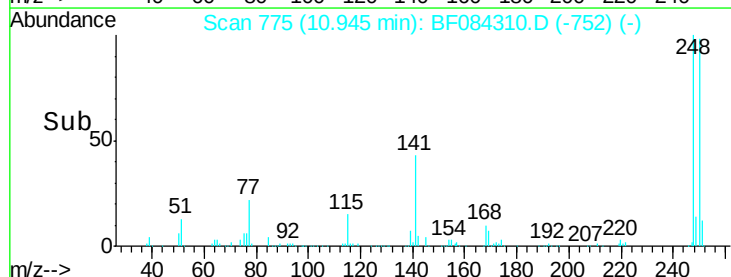
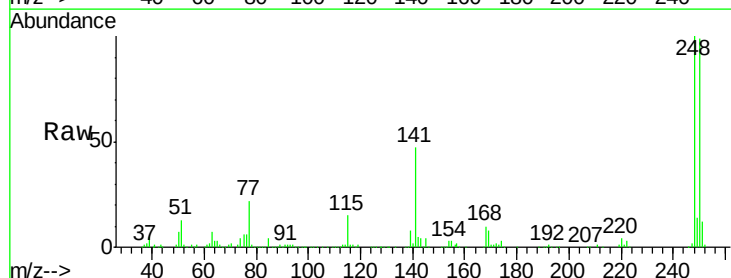
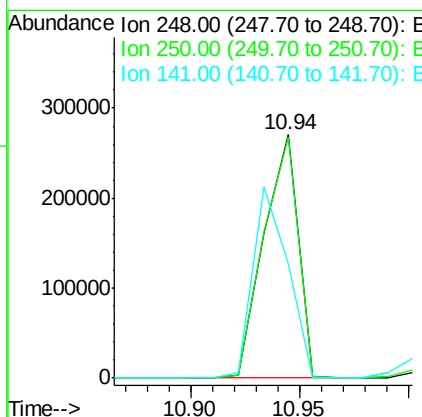
RT: 10.94 min Scan# 775

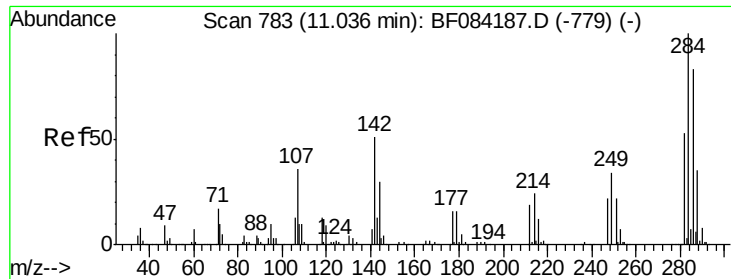
Delta R.T. -0.03 min

Lab File: BF084310.D

Acq: 7 Jan 2016 17:29

Tgt Ion:	248	Resp:	299643
Ion Ratio	Lower	Upper	
248	100		
250	98.7	78.4	117.6
141	47.2	44.0	66.0





#67

Hexachlorobenzene

Concen: 32.32 ng

RT: 11.00 min Scan# 780

Delta R.T. -0.03 min

Lab File: BF084310.D

Acq: 7 Jan 2016 17:29

Instrument :

BNA_F

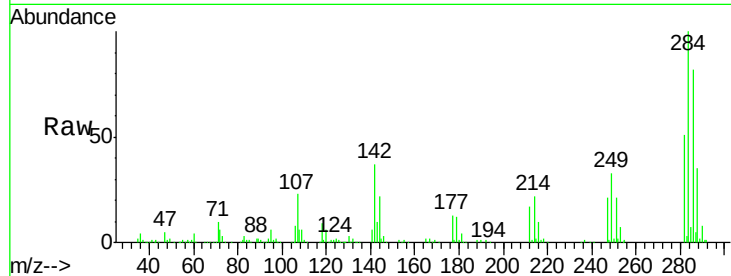
ClientSampleId :

SW002MSD

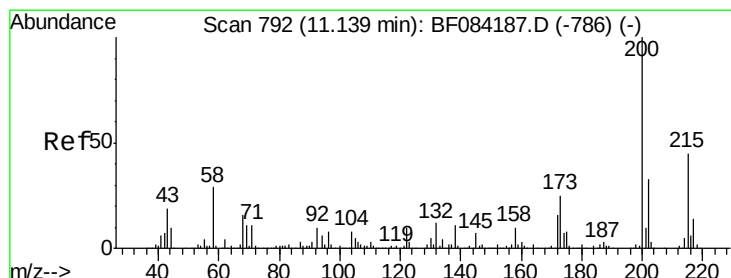
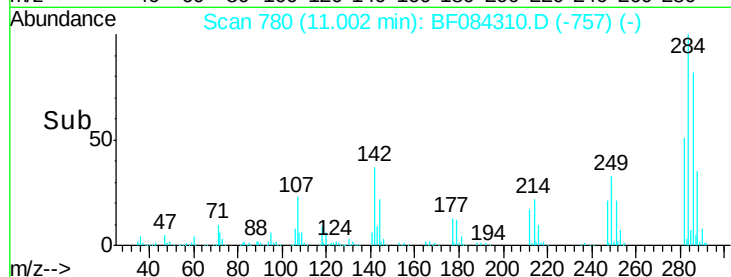
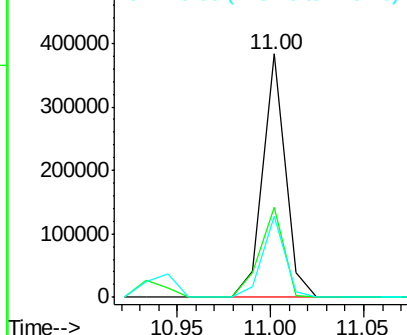
Tot Ion:	284	Resp:	317864
Ion Ratio	Lower	Upper	
284	100		
142	37.1	22.2	33.4#
249	33.1	24.6	37.0

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



#68

Atrazine

Concen: 36.31 ng

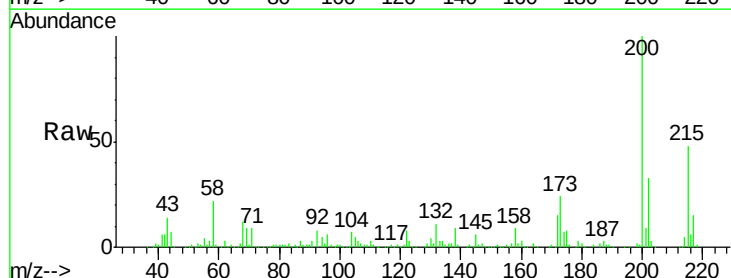
RT: 11.10 min Scan# 789

Delta R.T. -0.03 min

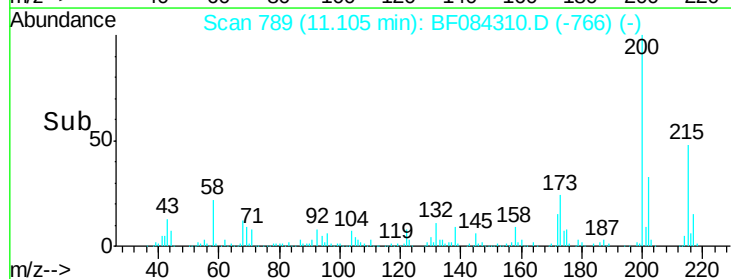
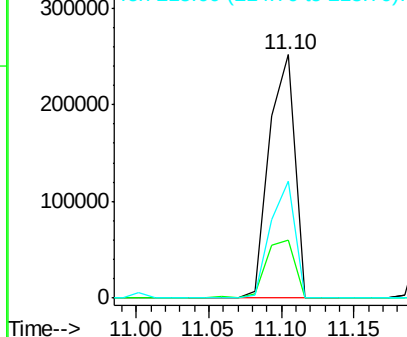
Lab File: BF084310.D

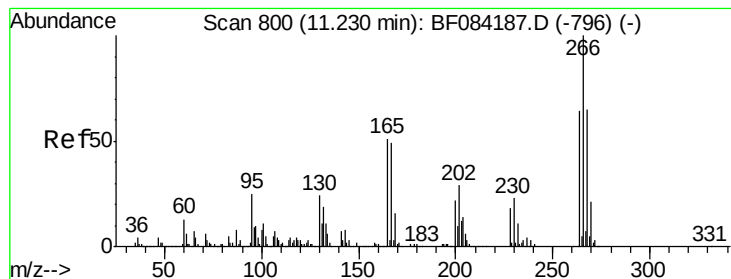
Acq: 7 Jan 2016 17:29

Tgt Ion:	200	Resp:	308378
Ion Ratio	Lower	Upper	
200	100		
173	23.8	9.5	49.5
215	48.0	23.8	63.8



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





#69

Pentachlorophenol

Concen: 50.87 ng

RT: 11.20 min Scan# 797

Delta R.T. -0.03 min

Lab File: BF084310.D

Acq: 7 Jan 2016 17:29

Instrument :

BNA_F

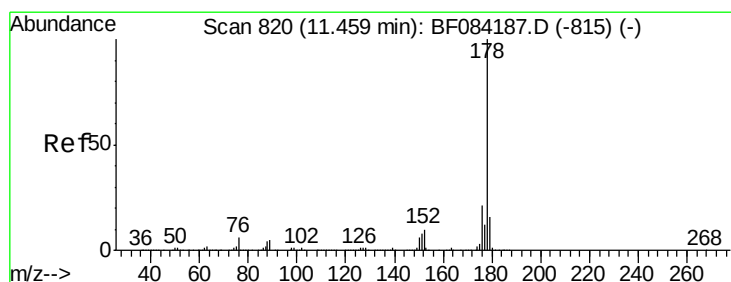
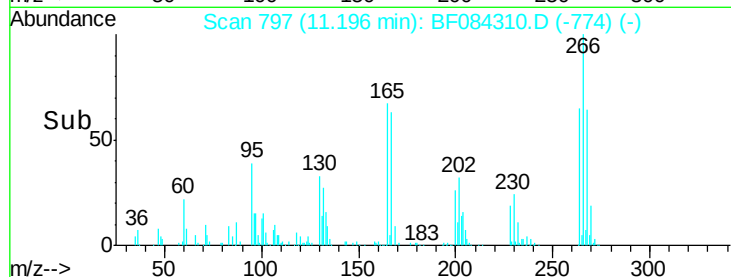
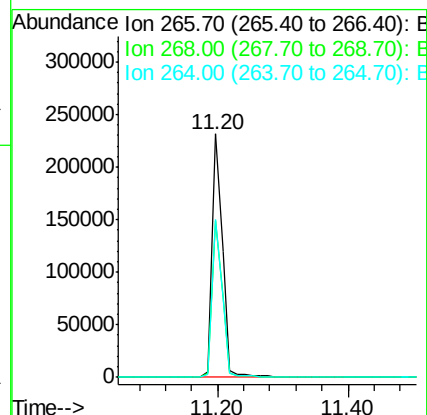
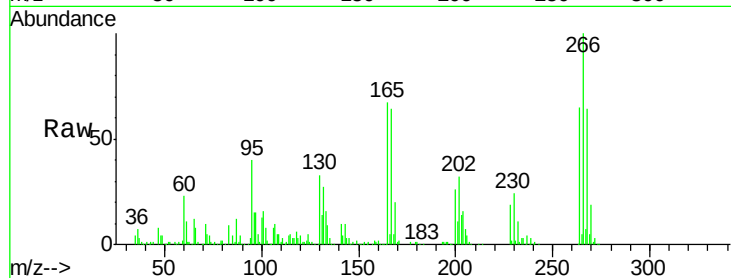
ClientSampleId :

SW002MSD

Tot Ion:	266	Resp:	259393
Ion Ratio	Lower	Upper	
266	100		
268	64.4	52.4	78.6
264	64.8	50.2	75.2

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#70

Phenanthrene

Concen: 32.79 ng

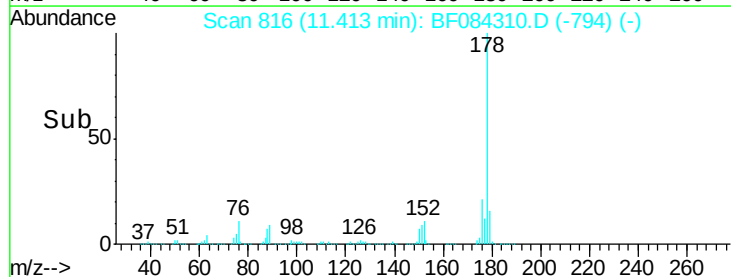
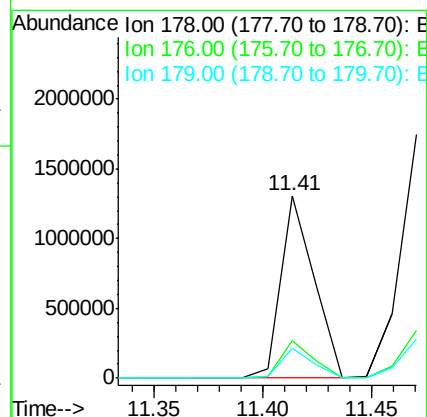
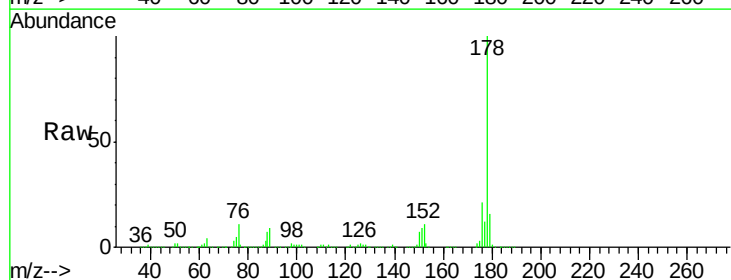
RT: 11.41 min Scan# 816

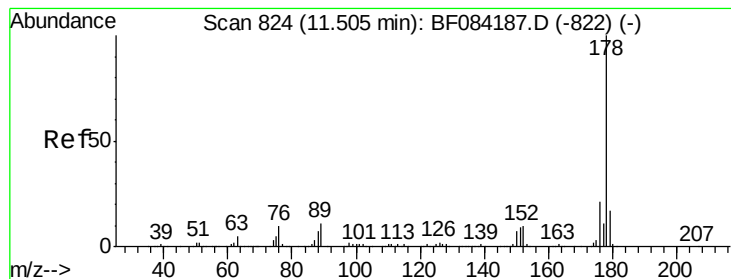
Delta R.T. -0.05 min

Lab File: BF084310.D

Acq: 7 Jan 2016 17:29

Tgt Ion:	178	Resp:	1392356
Ion Ratio	Lower	Upper	
178	100		
176	20.6	15.3	22.9
179	16.4	12.0	18.0





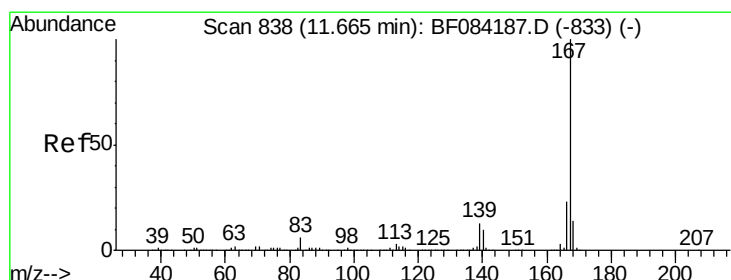
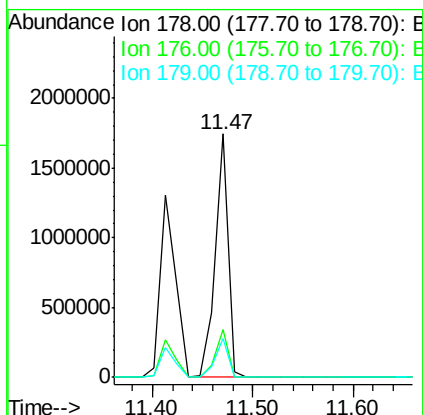
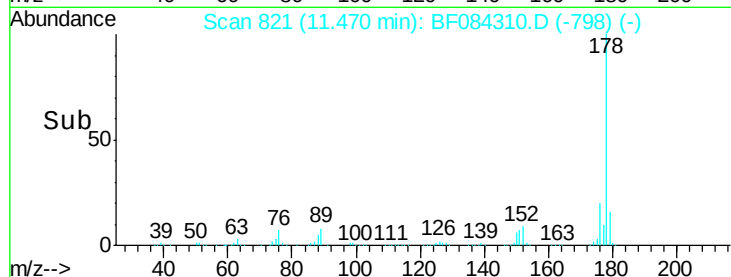
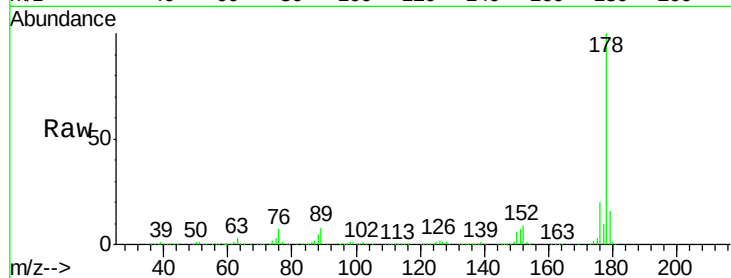
#71
 Anthracene
 Concen: 37.27 ng
 RT: 11.47 min Scan# 821
 Delta R.T. -0.03 min
 Lab File: BF084310.D
 Acq: 7 Jan 2016 17:29

Instrument :
 BNA_F
 ClientSampleId :
 SW002MSD

Tot Ion:178 Resp: 1551308
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.4 23.0
 179 16.0 12.5 18.7

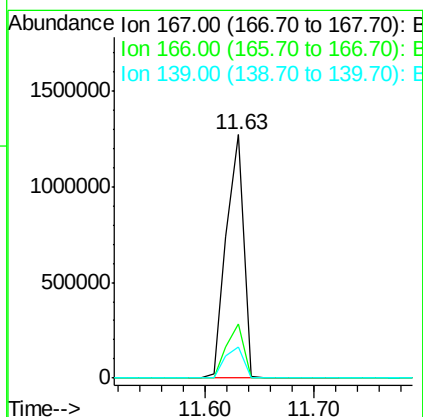
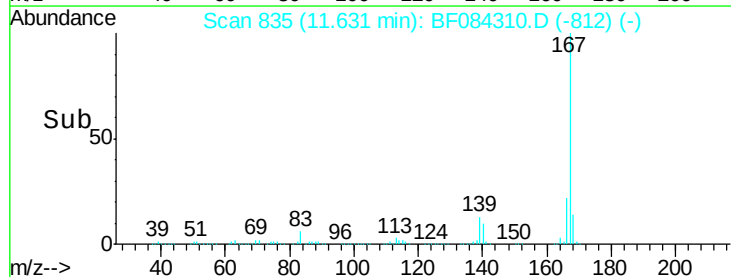
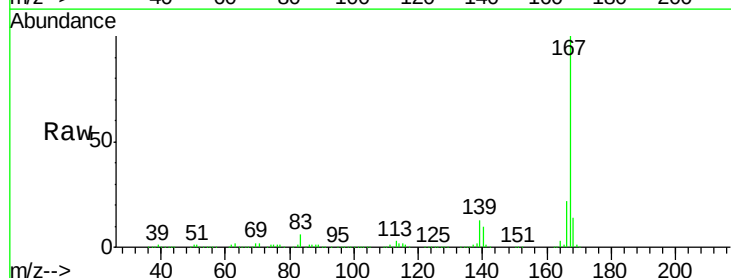
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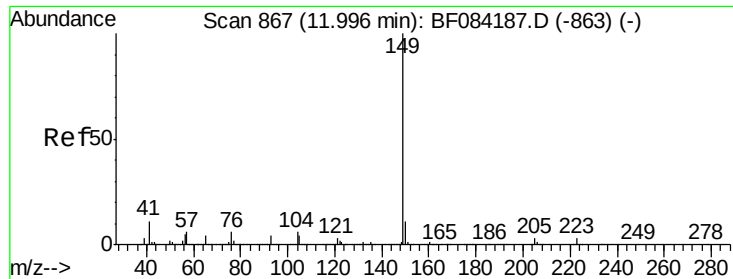
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#72
 Carbazole
 Concen: 34.51 ng
 RT: 11.63 min Scan# 835
 Delta R.T. -0.03 min
 Lab File: BF084310.D
 Acq: 7 Jan 2016 17:29

Tgt Ion:167 Resp: 1404260
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.6 26.4
 139 12.8 11.8 17.8





#73

Di-n-butylphthalate

Concen: 38.89 ng

RT: 11.96 min Scan# 864

Delta R.T. -0.03 min

Lab File: BF084310.D

Acq: 7 Jan 2016 17:29

Instrument :

BNA_F

ClientSampleId :

SW002MSD

Tot Ion:149 Resp: 1743355

Ion Ratio Lower Upper

149 100

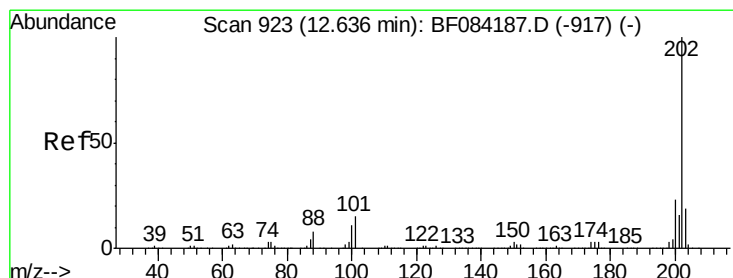
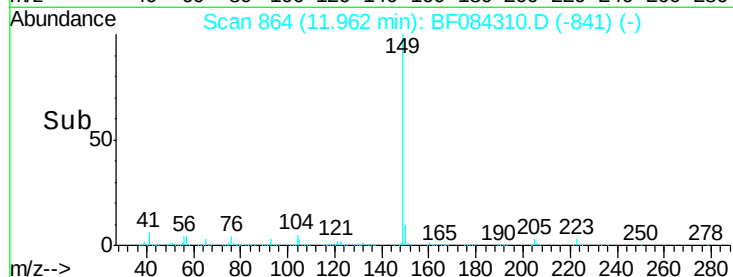
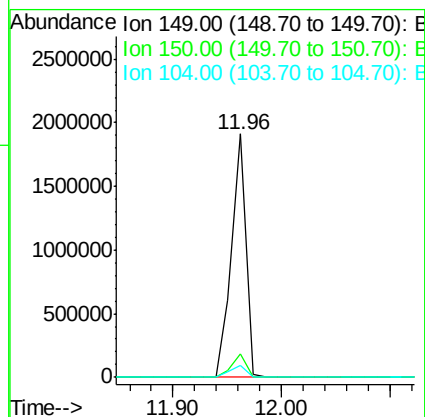
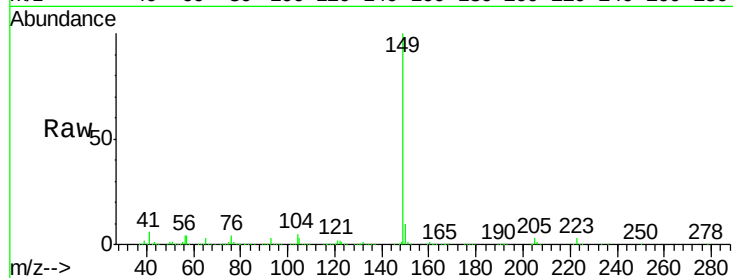
150 9.8 7.1 10.7

104 5.0 3.2 4.8#

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#74

Fluoranthene

Concen: 32.69 ng

RT: 12.60 min Scan# 920

Delta R.T. -0.03 min

Lab File: BF084310.D

Acq: 7 Jan 2016 17:29

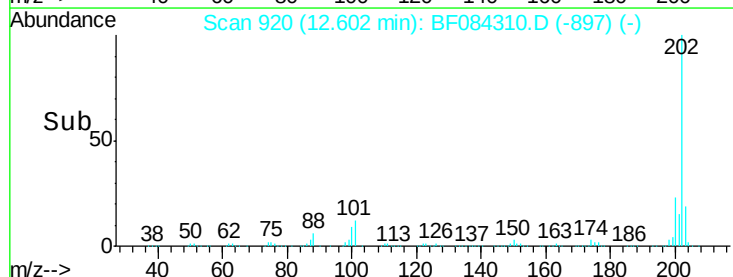
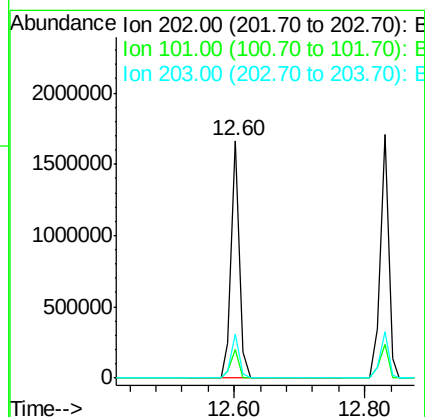
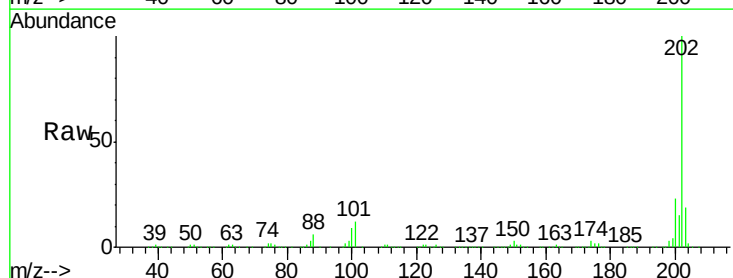
Tgt Ion:202 Resp: 1450132

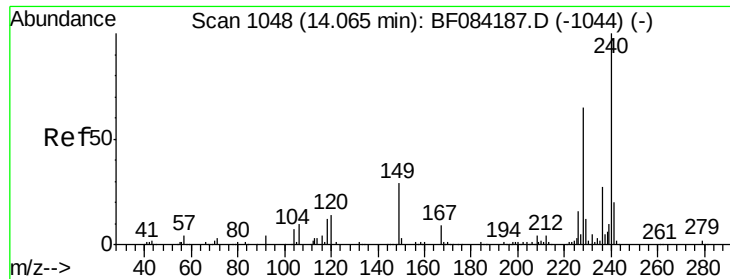
Ion Ratio Lower Upper

202 100

101 12.0 0.0 32.8

203 18.5 0.0 37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.03 min Scan# 1045

Delta R.T. -0.03 min

Lab File: BF084310.D

Acq: 7 Jan 2016 17:29

Instrument :

BNA_F

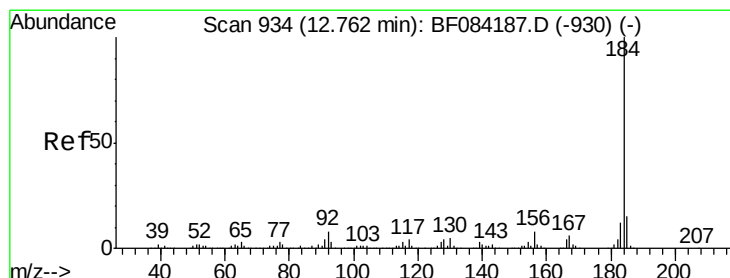
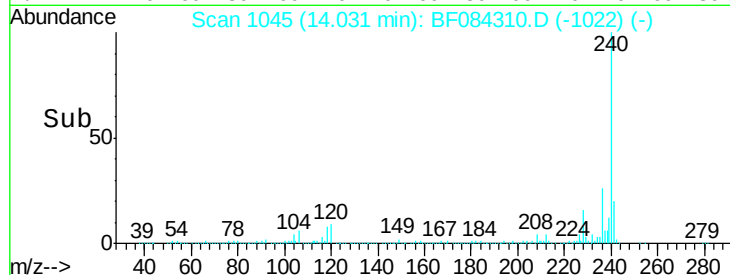
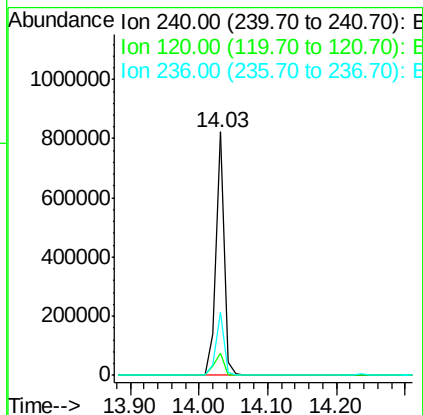
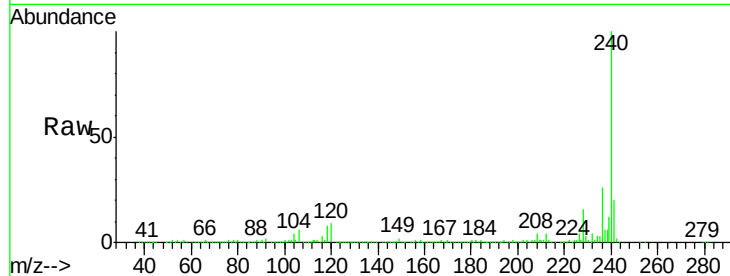
ClientSampleId :

SW002MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.1	9.5	14.3#
236	26.2	20.6	31.0

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#76

Benzidine

Concen: 25.16 ng

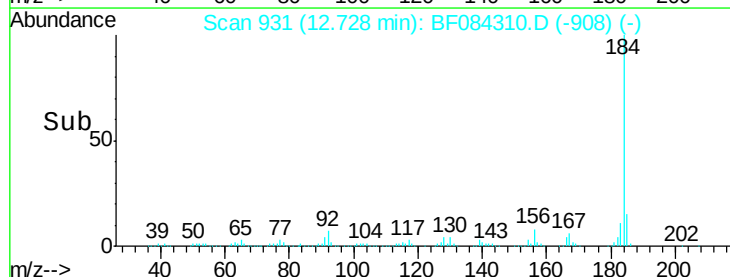
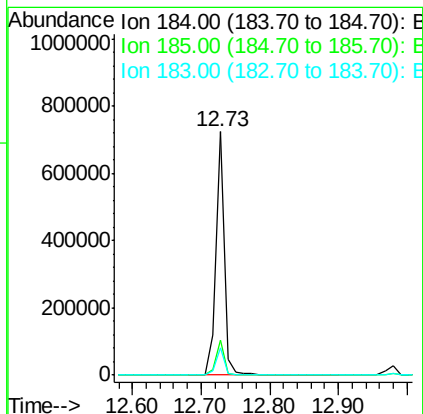
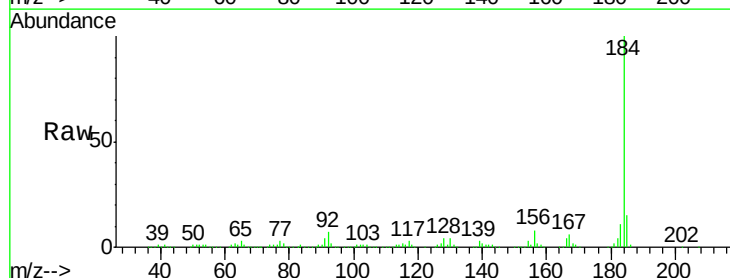
RT: 12.73 min Scan# 931

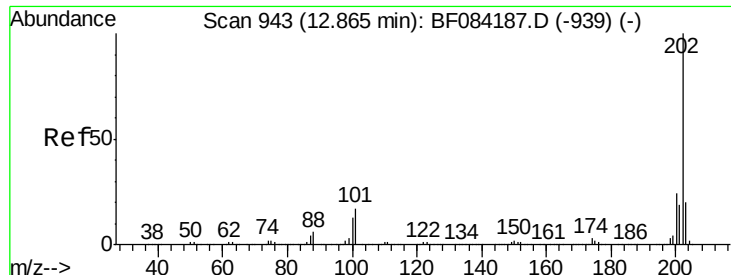
Delta R.T. -0.03 min

Lab File: BF084310.D

Acq: 7 Jan 2016 17:29

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.5	12.2	18.2
183	11.0	9.8	14.8





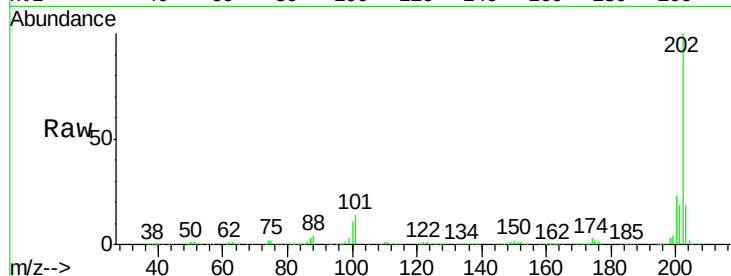
#77
Pvrene
Concen: 27.52 ng
RT: 12.83 min Scan# 940
Delta R.T. -0.03 min
Lab File: BF084310.D
Acq: 7 Jan 2016 17:29

Instrument :
BNA_F
ClientSampleId :
SW002MSD

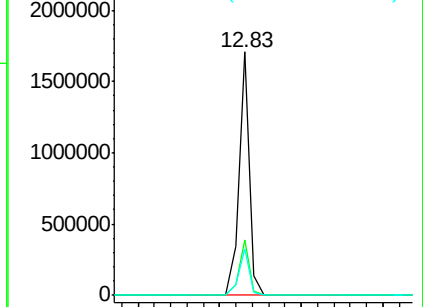
Tot Ion	Ratio	Lower	Upper
202	100		
200	22.7	17.2	25.8
203	19.2	14.3	21.5

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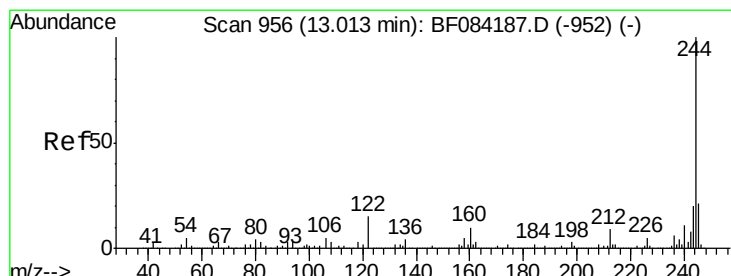
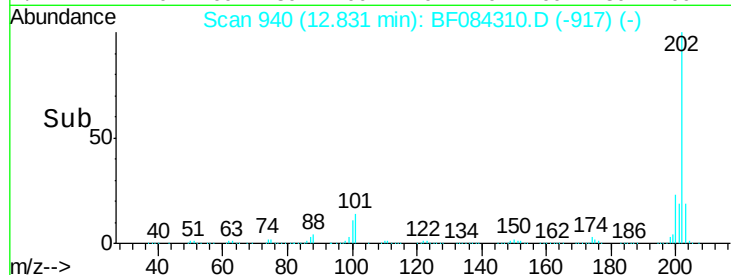
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

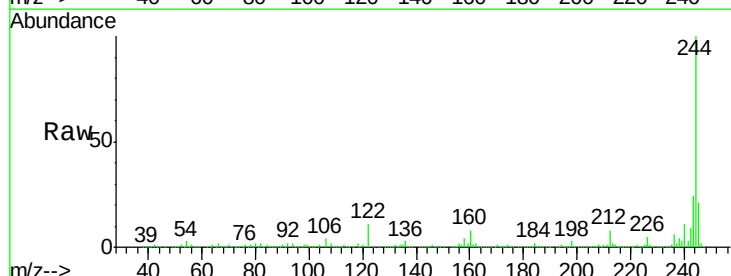


Time-->

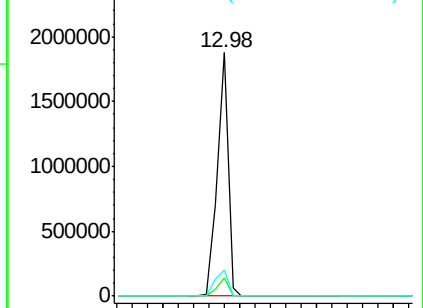


#78
Terphenyl-d14
Concen: 58.00 ng
RT: 12.98 min Scan# 953
Delta R.T. -0.03 min
Lab File: BF084310.D
Acq: 7 Jan 2016 17:29

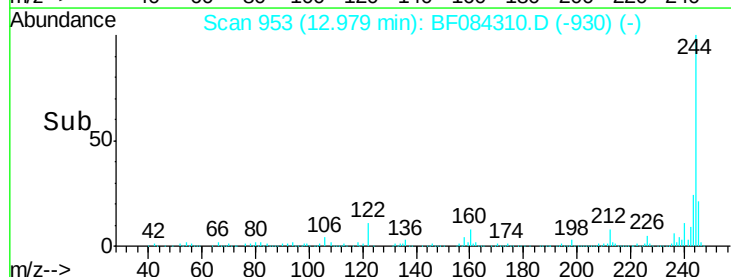
Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.7	8.5
122	10.9	7.4	11.0

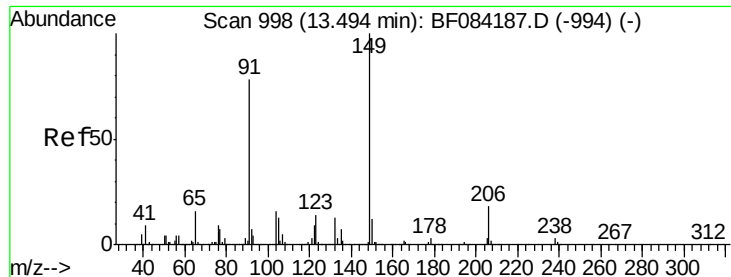


Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



Time-->





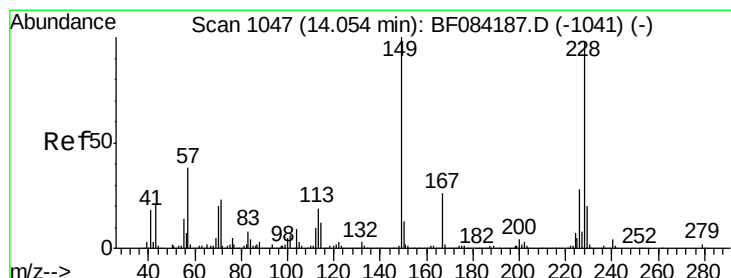
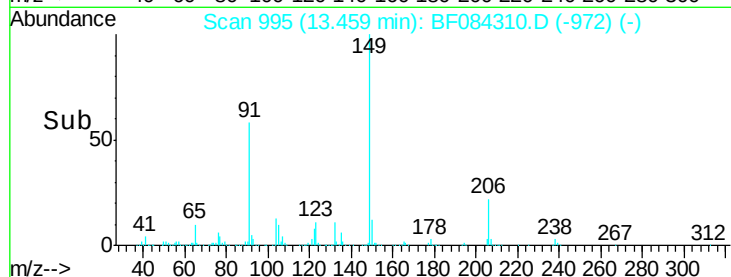
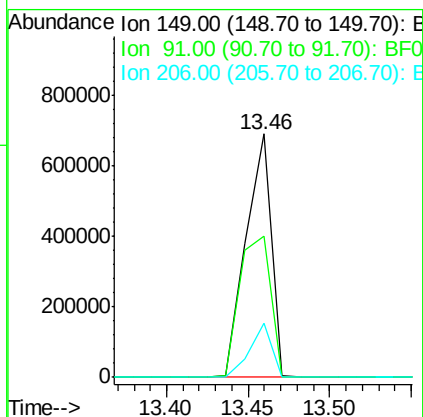
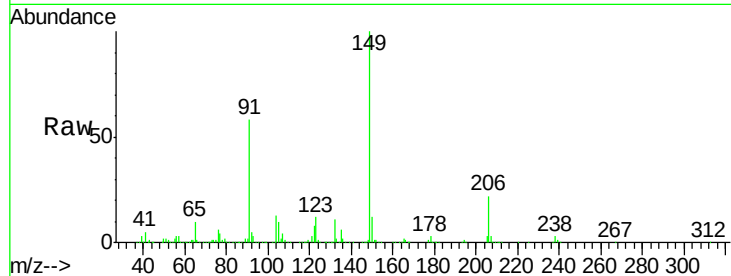
#79
Butylbenzylphthalate
Concen: 31.06 ng
RT: 13.46 min Scan# 995
Delta R.T. -0.03 min
Lab File: BF084310.D
Acq: 7 Jan 2016 17:29

Instrument :
BNA_F
ClientSampleId :
SW002MSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	58.2	57.6	86.4
206	22.3	13.2	19.8

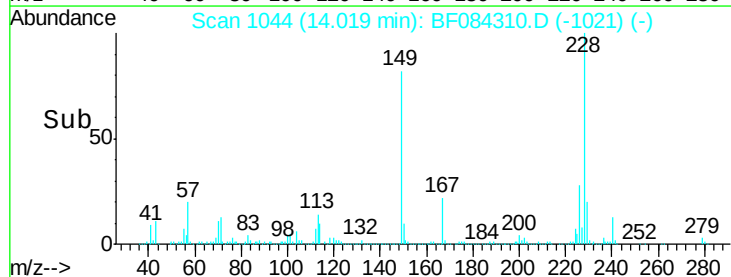
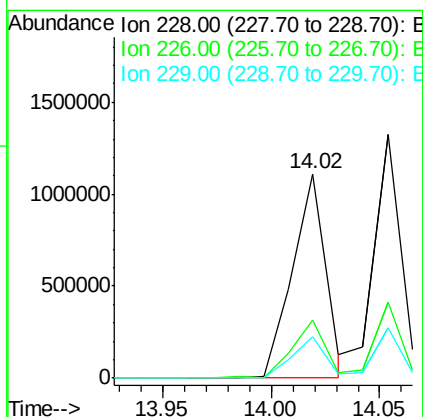
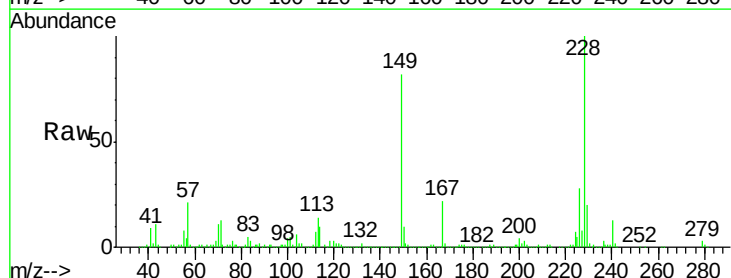
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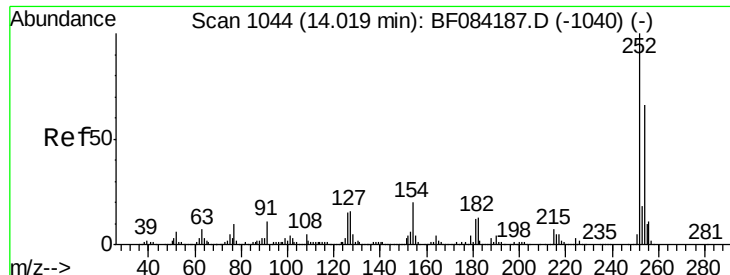
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#80
Benzo(a)anthracene
Concen: 28.83 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.03 min
Lab File: BF084310.D
Acq: 7 Jan 2016 17:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	21.8	32.6
229	20.5	15.8	23.8





#81

3,3'-Dichlorobenzidine

Concen: 23.97 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.03 min

Lab File: BF084310.D

Acq: 7 Jan 2016 17:29

Instrument :

BNA_F

ClientSampleId :

SW002MSD

Tot Ion:252 Resp: 344883

Ion Ratio Lower Upper

252 100

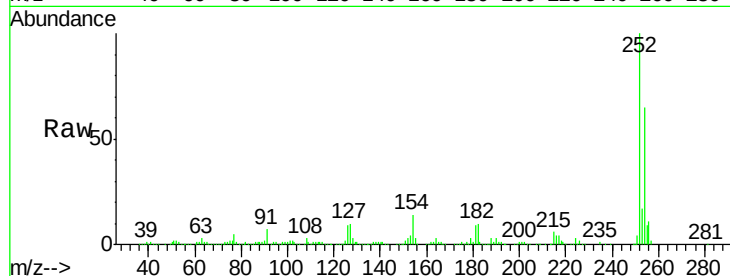
254 64.7 53.5 80.3

126 9.2 4.9 7.3#

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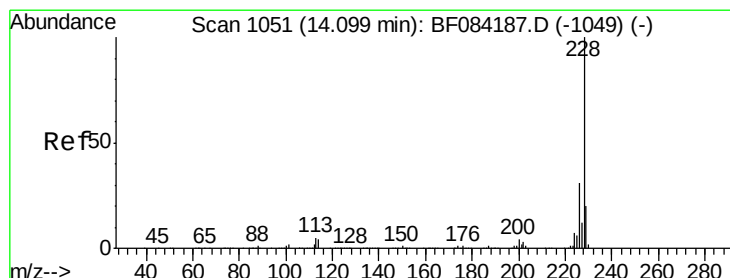
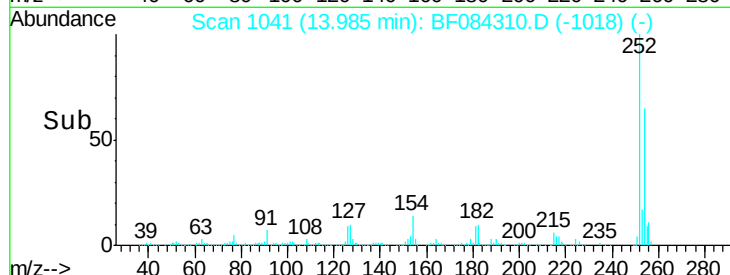
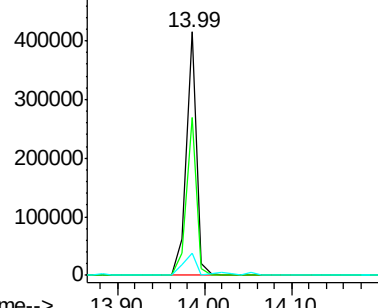
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 29.01 ng

RT: 14.05 min Scan# 1047

Delta R.T. -0.05 min

Lab File: BF084310.D

Acq: 7 Jan 2016 17:29

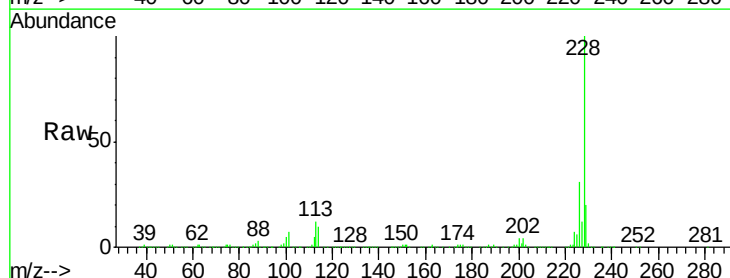
Tgt Ion:228 Resp: 1149394

Ion Ratio Lower Upper

228 100

226 31.4 24.3 36.5

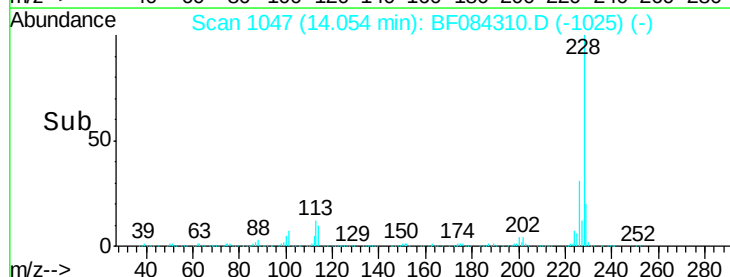
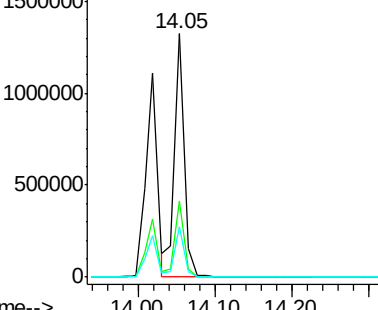
229 20.5 16.1 24.1

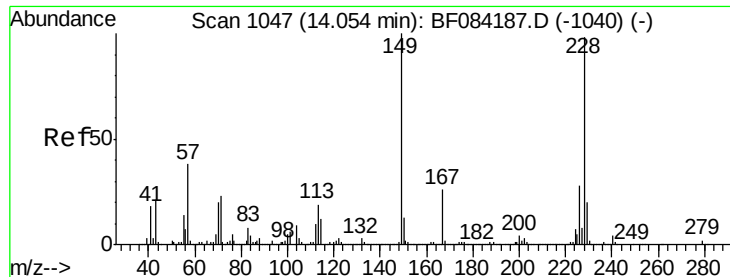


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 31.76 ng

RT: 14.02 min Scan# 1044

Delta R.T. -0.03 min

Lab File: BF084310.D

Acq: 7 Jan 2016 17:29

Instrument :

BNA_F

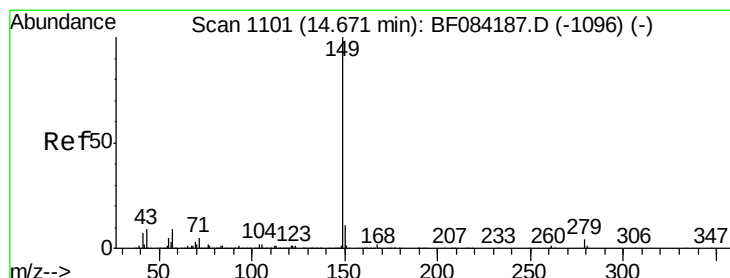
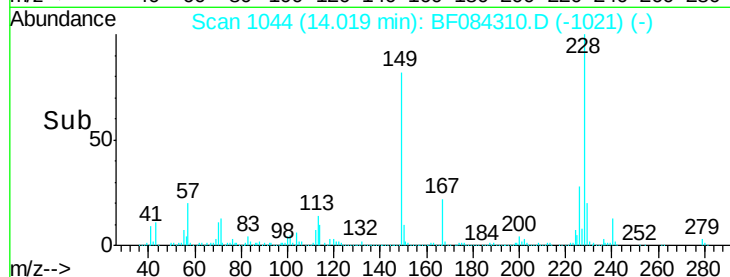
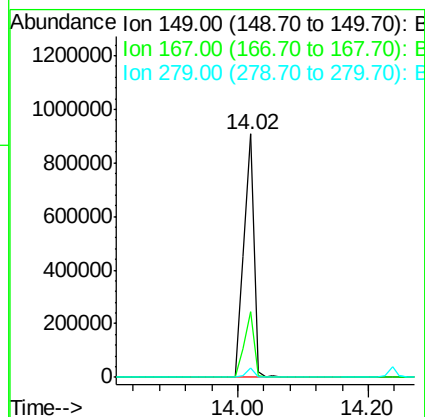
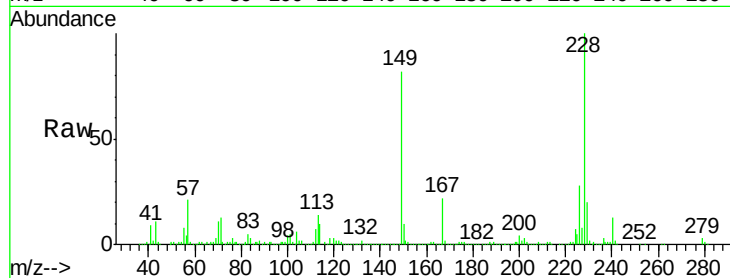
ClientSampleId :

SW002MSD

Tot Ion:	149	Resp:	956524
Ion Ratio	Lower	Upper	
149	100		
167	26.8	19.7	29.5
279	3.9	1.8	2.6#

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#84

Di-n-octyl phthalate

Concen: 30.97 ng

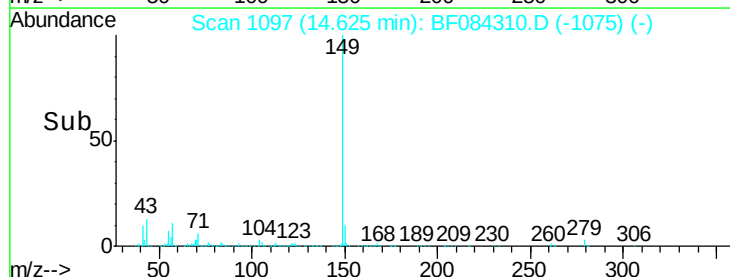
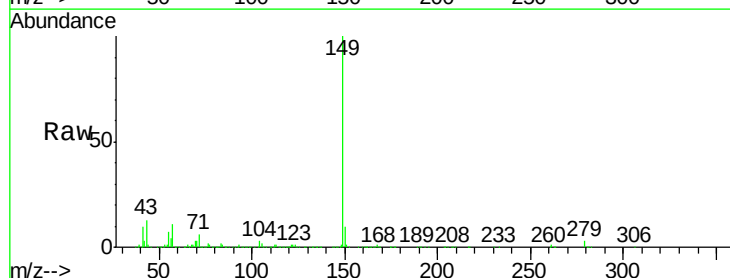
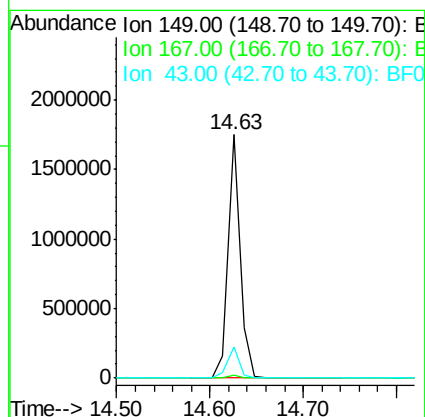
RT: 14.63 min Scan# 1097

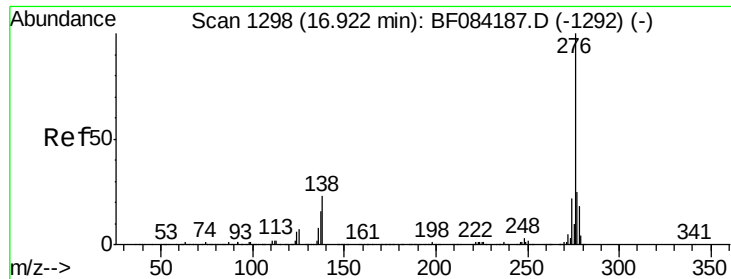
Delta R.T. -0.05 min

Lab File: BF084310.D

Acq: 7 Jan 2016 17:29

Tgt Ion:	149	Resp:	1574773
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	12.4	5.6	8.4#





#85

Indeno(1,2,3-cd)pyrene

Concen: 32.45 ng

RT: 16.85 min Scan# 1292

Delta R.T. -0.07 min

Lab File: BF084310.D

Acq: 7 Jan 2016 17:29

Instrument :

BNA_F

ClientSampleId :

SW002MSD

Tot Ion:276 Resp: 1019061

Ion Ratio Lower Upper

276 100

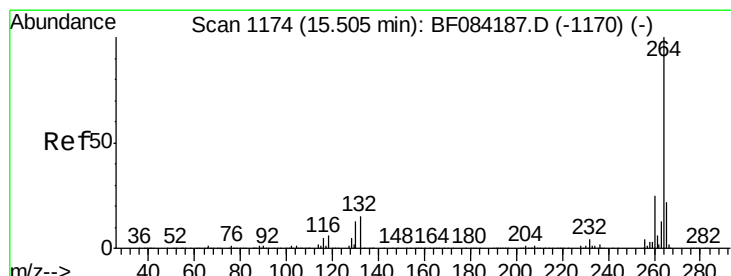
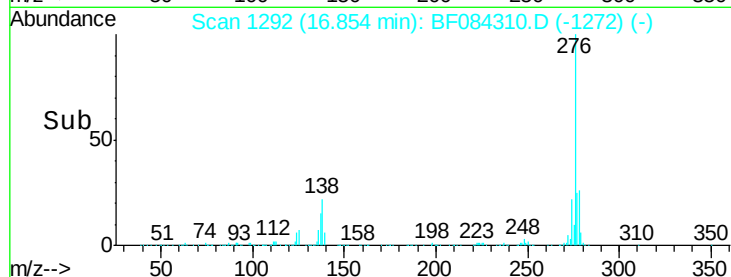
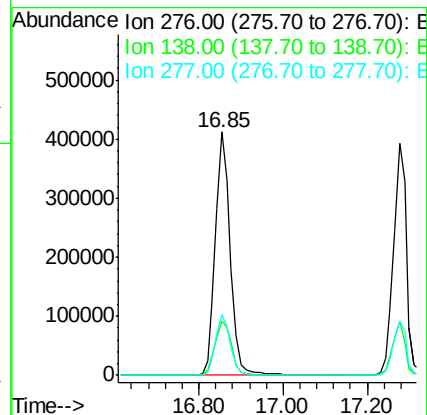
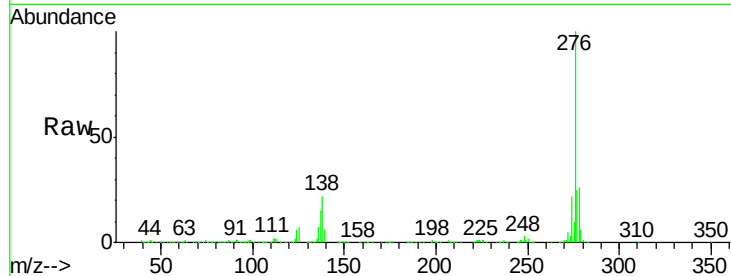
138 24.8 20.6 30.8

277 25.2 20.1 30.1

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#86

Perylene-d12

Concen: 20.00 ng

RT: 15.46 min Scan# 1170

Delta R.T. -0.05 min

Lab File: BF084310.D

Acq: 7 Jan 2016 17:29

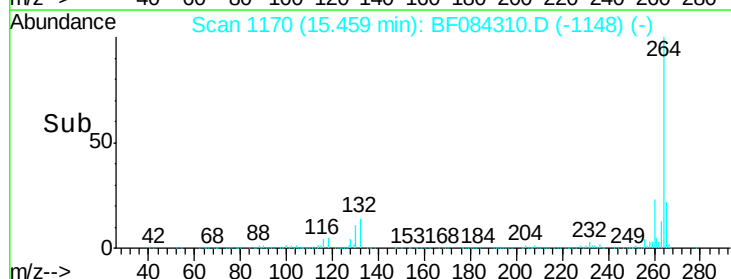
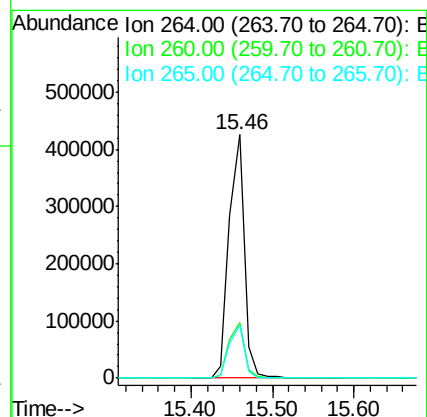
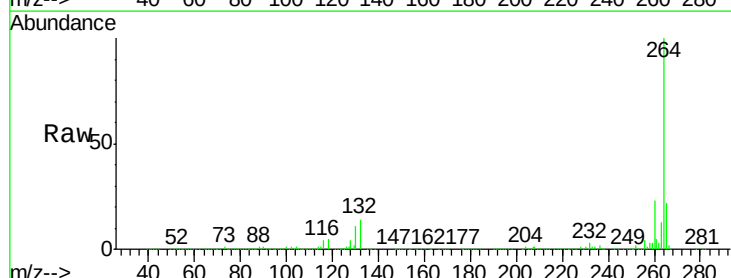
Tgt Ion:264 Resp: 555121

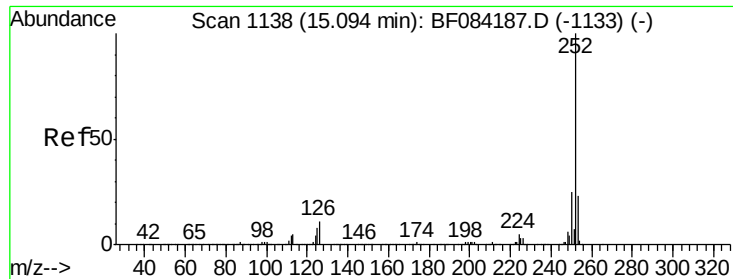
Ion Ratio Lower Upper

264 100

260 22.9 19.4 29.2

265 21.6 17.8 26.6





#87

Benzo(b)fluoranthene

Concen: 30.14 ng

RT: 15.05 min Scan# 1134

Delta R.T. -0.05 min

Lab File: BF084310.D

Acq: 7 Jan 2016 17:29

Instrument :

BNA_F

ClientSampleId :

SW002MSD

Tot Ion:252 Resp: 1094504

Ion Ratio Lower Upper

252 100

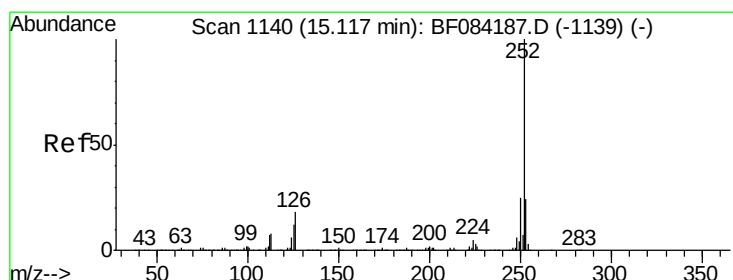
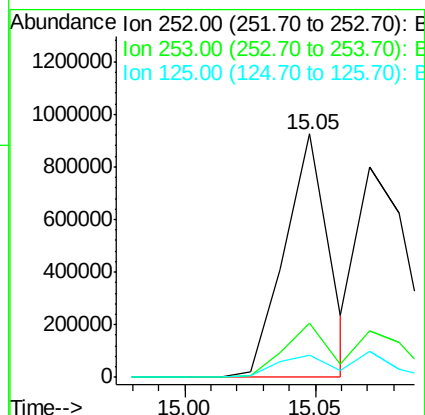
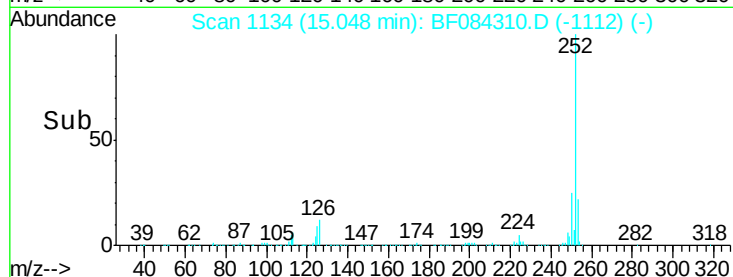
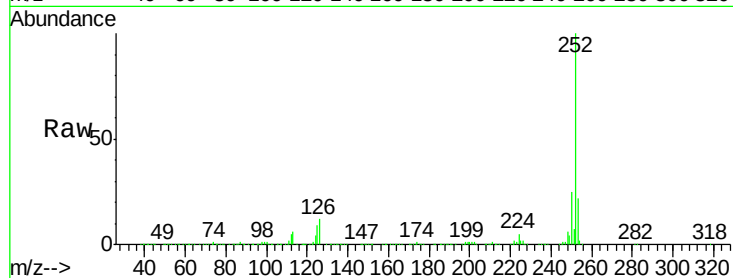
253 22.5 17.3 25.9

125 9.2 6.5 9.7

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#88

Benzo(k)fluoranthene

Concen: 34.73 ng m

RT: 15.07 min Scan# 1136

Delta R.T. -0.05 min

Lab File: BF084310.D

Acq: 7 Jan 2016 17:29

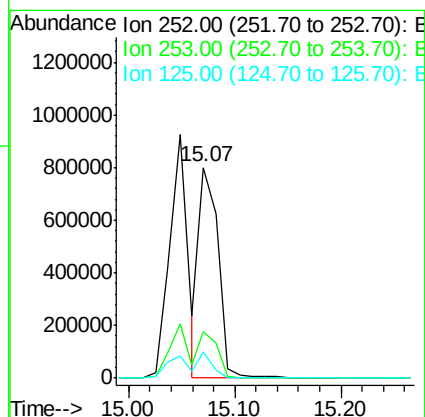
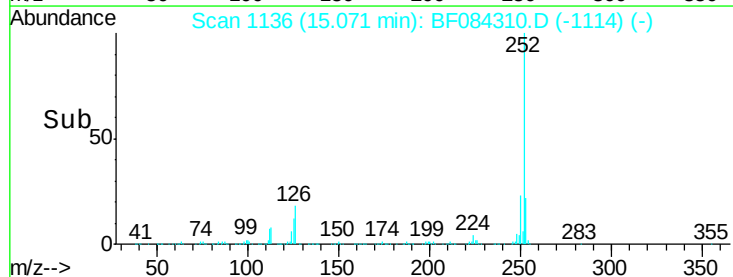
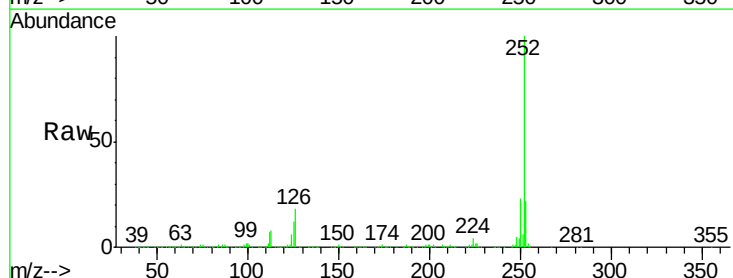
Tgt Ion:252 Resp: 1031365

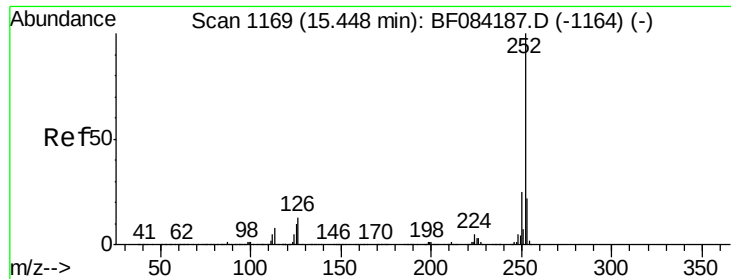
Ion Ratio Lower Upper

252 100

253 22.2 18.1 27.1

125 12.4 9.0 13.6





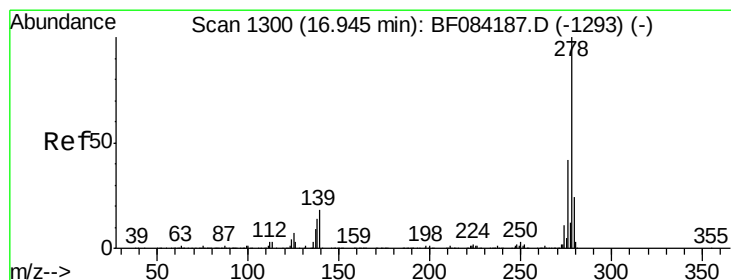
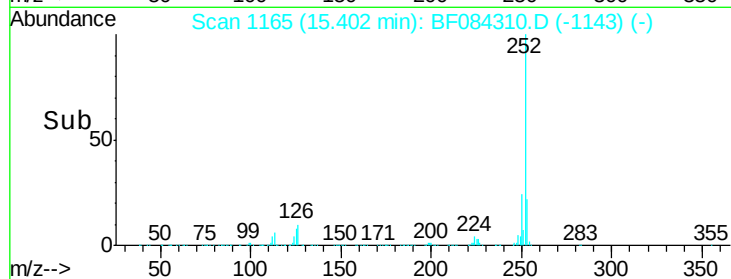
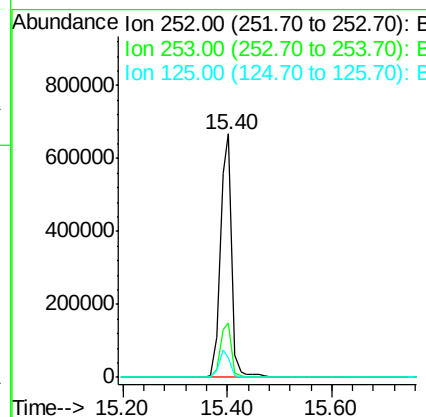
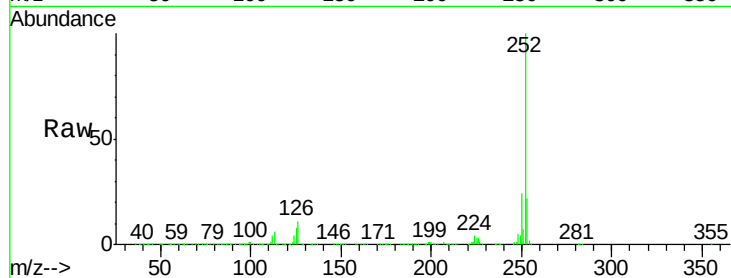
#89
Benzo(a)pyrene
Concen: 32.30 ng
RT: 15.40 min Scan# 1165
Delta R.T. -0.05 min
Lab File: BF084310.D
Acq: 7 Jan 2016 17:29

Instrument :
BNA_F
ClientSampleId :
SW002MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.3	25.9
125	7.8	7.0	10.4

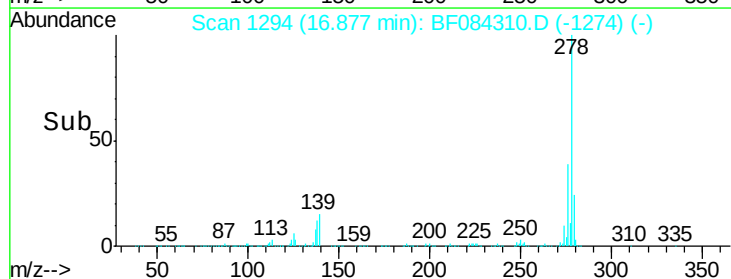
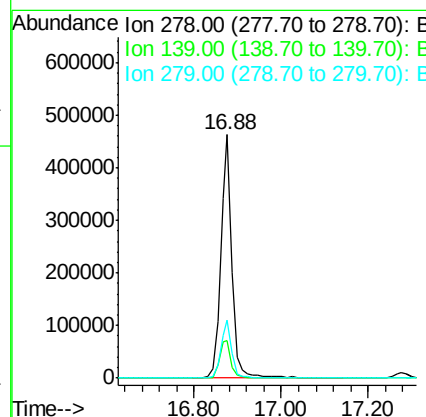
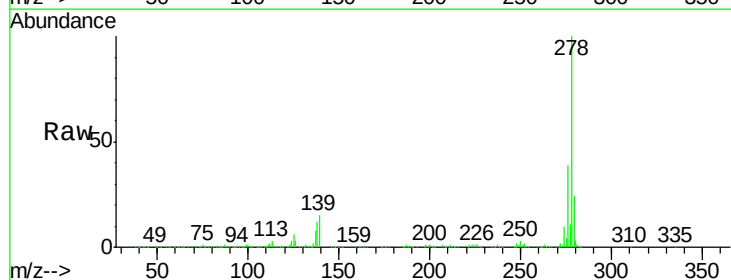
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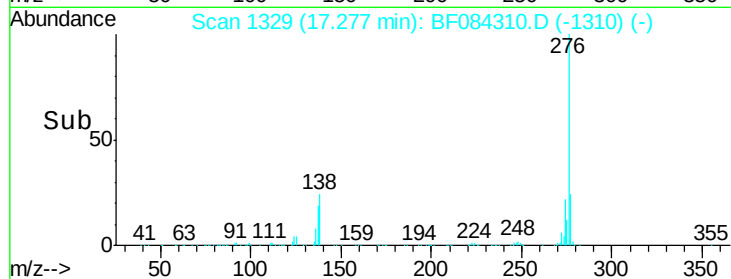
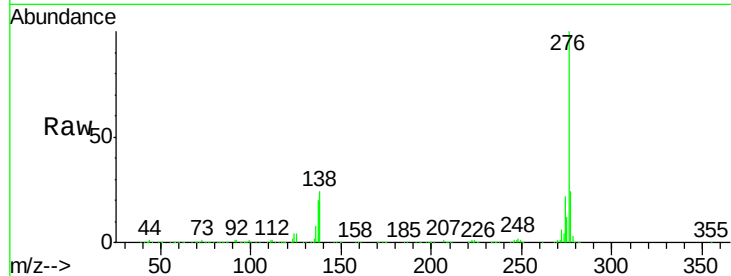
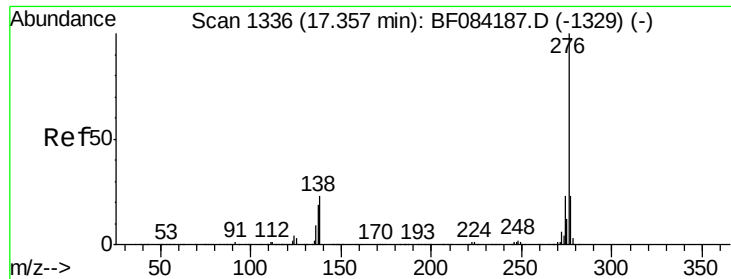
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#90
Dibenzo(a,h)anthracene
Concen: 32.11 ng
RT: 16.88 min Scan# 1294
Delta R.T. -0.07 min
Lab File: BF084310.D
Acq: 7 Jan 2016 17:29

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.3	15.0	22.4
279	24.0	18.9	28.3





#91
Benzo(a,h,i)perylene
Concen: 30.91 ng
RT: 17.28 min Scan# 1329
Delta R.T. -0.08 min
Lab File: BF084310.D
Acq: 7 Jan 2016 17:29

Instrument :
BNA_F
ClientSampleId :
SW002MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.8	28.2
138	23.6	17.8	26.6

Manual Integrations
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