

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121015\
 Data File : BF083690.D
 Acq On : 10 Dec 2015 22:01
 Operator : UM/IZ
 Sample : G4617-02MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-04MS

Manual Integrations
 APPROVED

MMdadoda
 12/11/2015 6:01:41 PM

Quant Time: Dec 17 11:30:22 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 17 09:56:43 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.61	152	152994	20.00	ng	-0.09
21) Naphthalene-d8	7.50	136	586517	20.00	ng	-0.10
38) Acenaphthene-d10	10.29	164	292497	20.00	ng	-0.09
63) Phenanthrene-d10	12.69	188	536489	20.00	ng	-0.09
75) Chrysene-d12	16.91	240	388011	20.00	ng	-0.08
86) Perylene-d12	18.57	264	311674	20.00	ng	-0.07

System Monitoring Compounds						
5) 2-Fluorophenol	3.92	112	1451901	143.94	ng	-0.06
7) Phenol-d6	5.20	99	1831803	135.91	ng	-0.08
23) Nitrobenzene-d5	6.44	82	1219972	97.06	ng	-0.09
41) 2,4,6-Tribromophenol	11.60	330	364943	140.05	ng	-0.09
44) 2-Fluorobiphenyl	9.25	172	1798014	86.52	ng	-0.09
78) Terphenyl-d14	15.31	244	1542190	93.52	ng	-0.10

Target Compounds						Qvalue
2) 1,4-Dioxane	1.80	88	190720	38.27	ng	# 87
3) Pyridine	2.22	79	558501	46.13	ng	99
4) n-Nitrosodimethylamine	2.20	42	305363	47.90	ng	94
6) Aniline	5.18	93	251141	15.12	ng	# 80
8) 2-Chlorophenol	5.33	128	528398	47.90	ng	100
9) Benzaldehyde	5.04	77	190239	23.25	ng	98
10) Phenol	5.21	94	791118	48.46	ng	89
11) bis(2-Chloroethyl)ether	5.28	93	559259	46.56	ng	96
12) 1,3-Dichlorobenzene	5.53	146	567479	46.16	ng	98
13) 1,4-Dichlorobenzene	5.63	146	573177	45.44	ng	99
14) 1,2-Dichlorobenzene	5.85	146	546670	46.70	ng	98
15) Benzyl Alcohol	5.87	79	547729	57.12	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.04	45	1019633	45.91	ng	# 62
17) 2-Methylphenol	6.06	107	455712	50.77	ng	# 90
18) Hexachloroethane	6.32	117	195167	43.82	ng	90
19) n-Nitroso-di-n-propylamine	6.26	70	468144	49.76	ng	99
20) 3+4-Methylphenols	6.30	107	583533	49.37	ng	98
22) Acetophenone	6.24	105	756789	46.00	ng	# 99
24) Nitrobenzene	6.48	77	636184	45.79	ng	95
25) Isophorone	6.84	82	1159237	47.52	ng	99
26) 2-Nitrophenol	6.96	139	282217	51.16	ng	93
27) 2,4-Dimethylphenol	7.08	122	437851	45.37	ng	95
28) bis(2-Chloroethoxy)methane	7.20	93	698406	51.56	ng	99
29) 2,4-Dichlorophenol	7.37	162	463258	52.79	ng	99
30) 1,2,4-Trichlorobenzene	7.44	180	447983	46.21	ng	99
31) Naphthalene	7.54	128	1491766	48.02	ng	99
32) Benzoic acid	7.44	122	11399	4.76	ng	# 68
33) 4-Chloroaniline	7.72	127	120131	10.61	ng	95
34) Hexachlorobutadiene	7.74	225	257096	45.39	ng	98
35) Caprolactam	8.30	113	145653m	55.30	ng	
36) 4-Chloro-3-methylphenol	8.54	107	484237	49.11	ng	96
37) 2-Methylnaphthalene	8.64	142	966929	49.55	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	433221	45.12	ng	# 100
40) Hexachlorocyclopentadiene	8.89	237	67930	46.55	ng	99

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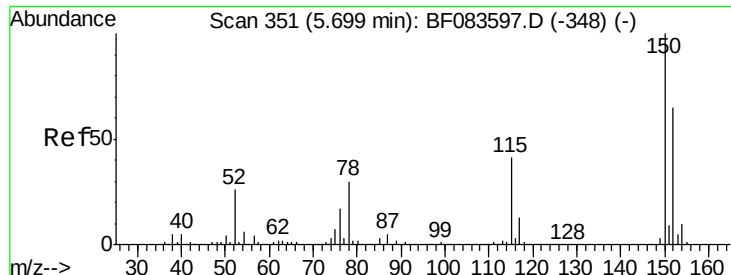
Manual Integrations
 APPROVED

MMdadoda
 12/11/2015 6:01:41 PM

Quant Time: Dec 17 11:30:22 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 17 09:56:43 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	281721	49.30	nq	97
43) 2,4,5-Trichlorophenol	9.23	196	271122	47.93	nq	# 88
45) 1,1'-Biphenyl	9.40	154	1108001	43.58	nq	100
46) 2-Chloronaphthalene	9.41	162	880217	45.86	nq	96
47) 2-Nitroaniline	9.64	65	361684	52.25	nq	88
48) Acenaphthylene	10.06	152	1383115	43.70	nq	100
49) Dimethylphthalate	9.96	163	1485592	63.81	nq	99
50) 2,6-Dinitrotoluene	10.05	165	232837	48.44	nq	# 89
51) Acenaphthene	10.35	154	820330	45.27	nq	99
52) 3-Nitroaniline	10.33	138	111787	21.88	nq	88
53) 2,4-Dinitrophenol	10.58	184	38007	20.46	nq	94
54) Dibenzofuran	10.64	168	1247937	49.66	nq	97
55) 4-Nitrophenol	10.74	139	232844	103.52	nq	86
56) 2,4-Dinitrotoluene	10.72	165	323828	50.79	nq	# 78
57) Fluorene	11.18	166	977592	44.58	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.89	232	254883	55.77	nq	# 100
59) Diethylphthalate	11.10	149	1029993	45.50	nq	97
60) 4-Chlorophenyl-phenylether	11.21	204	457181	43.79	nq	99
61) 4-Nitroaniline	11.33	138	216967	46.74	nq	96
62) Azobenzene	11.47	77	1288838	51.73	nq	99
64) 4,6-Dinitro-2-methylphenol	11.39	198	141787	39.16	nq	82
65) n-Nitrosodiphenylamine	11.42	169	848862	47.94	nq	98
66) 4-Bromophenyl-phenylether	12.00	248	262618	43.89	nq	97
67) Hexachlorobenzene	12.08	284	285086	44.91	nq	# 90
68) Atrazine	12.35	200	272077	51.65	nq	99
69) Pentachlorophenol	12.44	266	173351	98.02	nq	100
70) Phenanthrene	12.73	178	1401228	45.46	nq	99
71) Anthracene	12.82	178	1445276	45.26	nq	100
72) Carbazole	13.12	167	1325415	48.40	nq	98
73) Di-n-butylphthalate	13.73	149	1554387	45.14	nq	99
74) Fluoranthene	14.66	202	1383534	43.88	nq	98
76) Benzidine	14.95	184	277920	23.03	nq	97
77) Pyrene	15.01	202	1411007	50.51	nq	99
79) Butylbenzylphthalate	16.15	149	633846	51.12	nq	94
80) Benzo(a)anthracene	16.90	228	1033158	45.49	nq	100
81) 3,3'-Dichlorobenzidine	16.89	252	164095	21.39	nq	98
82) Chrysene	16.95	228	1026103	45.07	nq	99
83) Bis(2-ethylhexyl)phthalate	17.01	149	863778	50.19	nq	99
84) Di-n-octyl phthalate	17.78	149	1288035	48.98	nq	# 100
85) Indeno(1,2,3-cd)pyrene	19.76	276	879035	57.20	nq	# 100
87) Benzo(b)fluoranthene	18.18	252	984725m	55.48	nq	
88) Benzo(k)fluoranthene	18.21	252	663891m	33.95	nq	
89) Benzo(a)pyrene	18.51	252	763758	44.10	nq	# 96
90) Dibenzo(a,h)anthracene	19.76	278	753386	56.90	nq	99
91) Benzo(g,h,i)perylene	20.11	276	744406	57.66	nq	96

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



#1

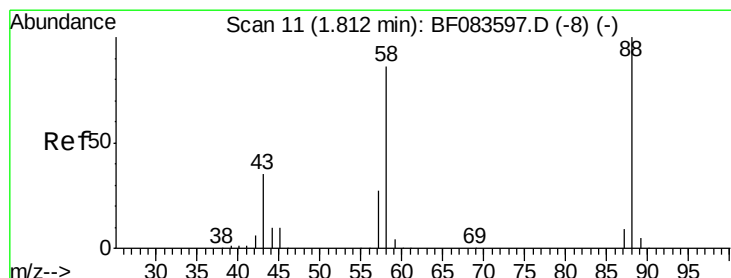
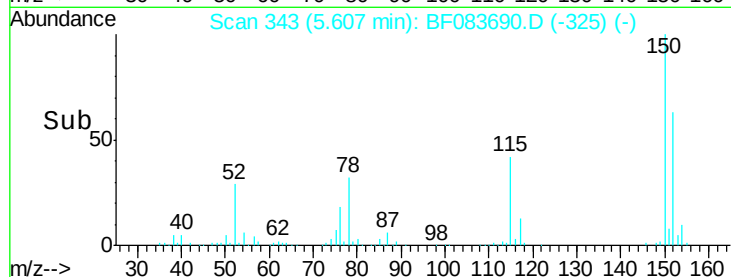
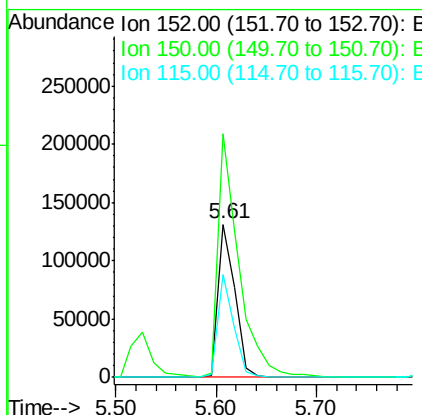
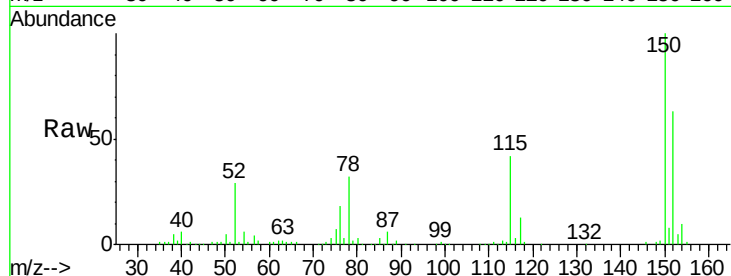
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.61 min Scan# 343
Delta R.T. -0.09 min
Lab File: BF083690.D
Acq: 10 Dec 2015 22:01

Instrument :
BNA_F
ClientSampleId :
SB-04MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.8	126.5	189.7
115	67.4	52.3	78.5

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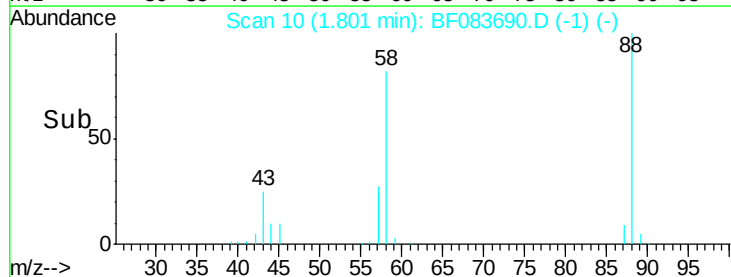
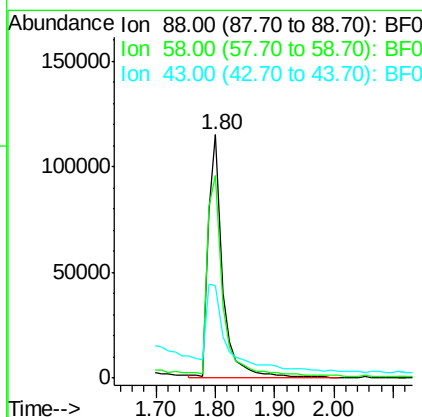
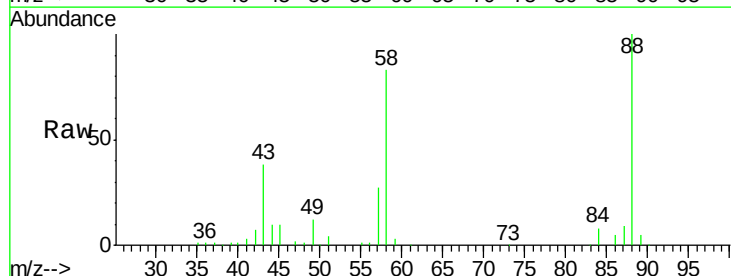
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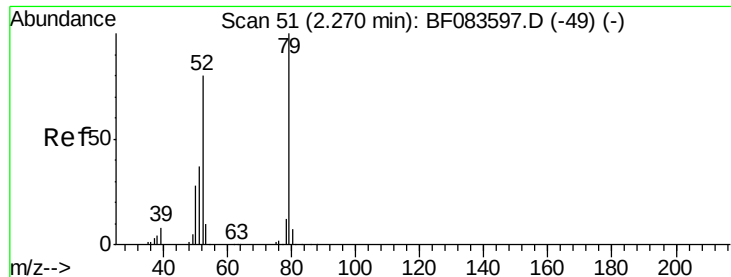


#2

1,4-Dioxane
Concen: 38.27 ng
RT: 1.80 min Scan# 10
Delta R.T. -0.01 min
Lab File: BF083690.D
Acq: 10 Dec 2015 22:01

Tgt Ion	Ratio	Lower	Upper
88	100		
58	89.1	68.0	102.0
43	54.6	27.9	41.9#





#3

Pvridine

Concen: 46.13 ng

RT: 2.22 min Scan# 47

Delta R.T. -0.05 min

Lab File: BF083690.D

Acq: 10 Dec 2015 22:01

Instrument :

BNA_F

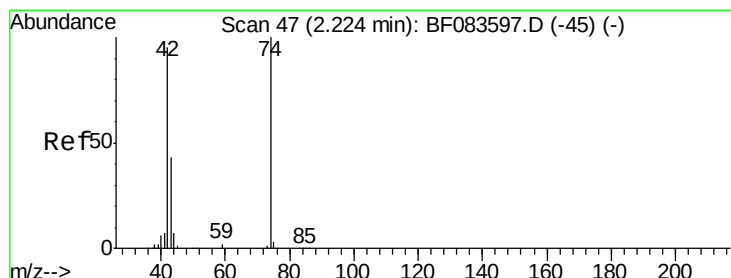
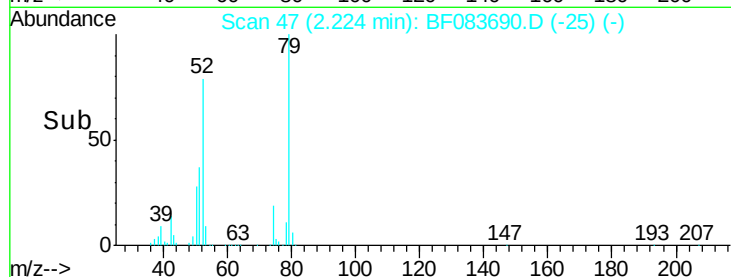
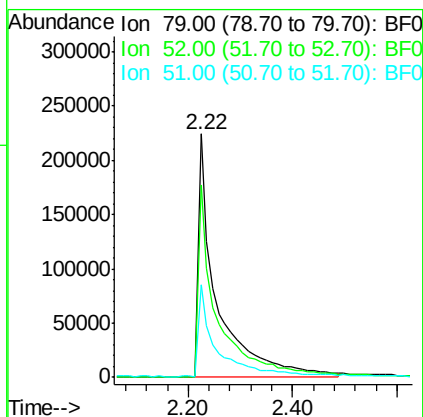
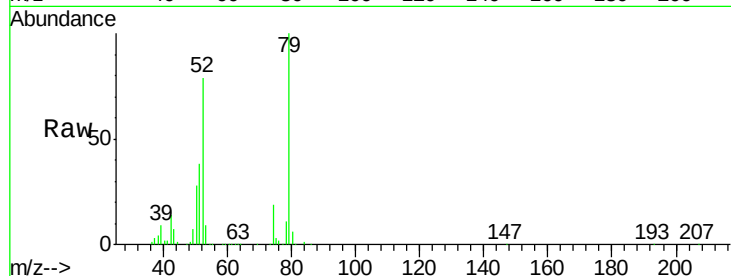
ClientSampleId :

SB-04MS

Tot Ion:	79	Resp:	558501
Ion Ratio	Lower	Upper	
79	100		
52	78.9	63.7	95.5
51	38.1	30.6	45.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 47.90 ng

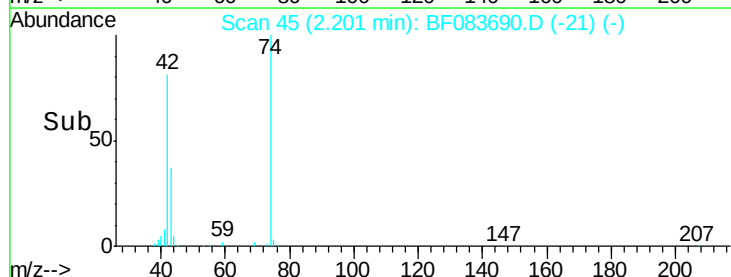
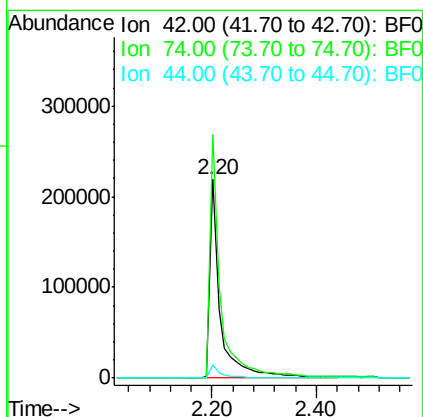
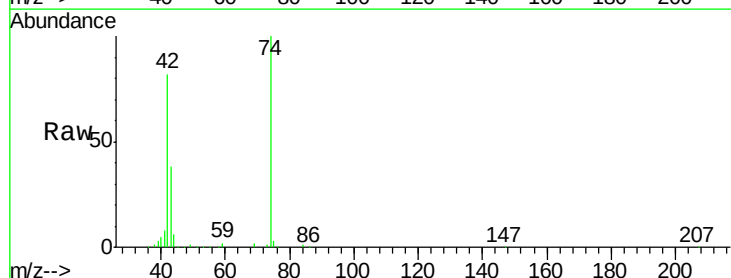
RT: 2.20 min Scan# 45

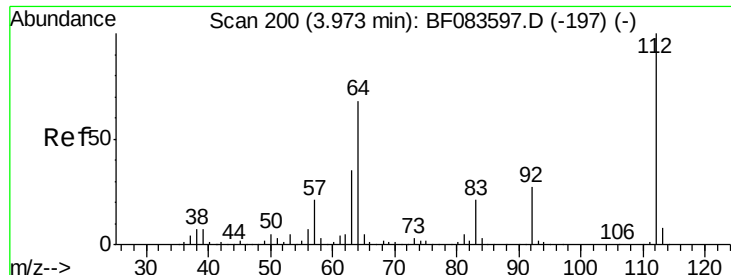
Delta R.T. -0.02 min

Lab File: BF083690.D

Acq: 10 Dec 2015 22:01

Tgt Ion:	42	Resp:	305363
Ion Ratio	Lower	Upper	
42	100		
74	122.6	92.9	139.3
44	6.9	5.7	8.5





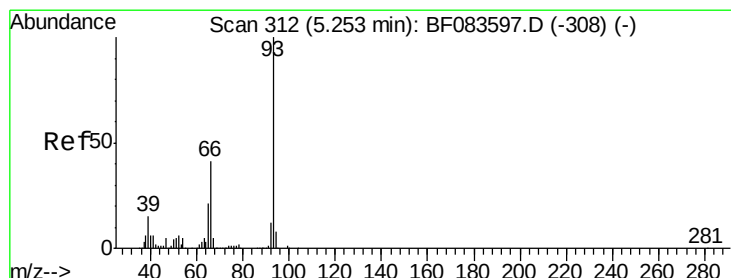
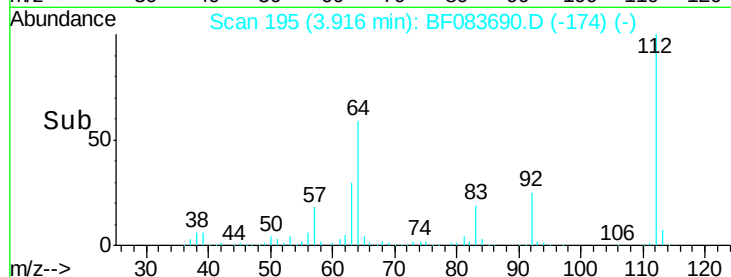
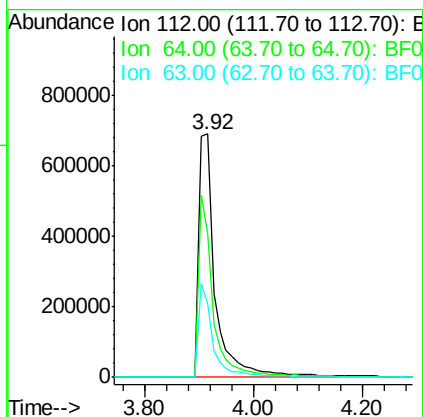
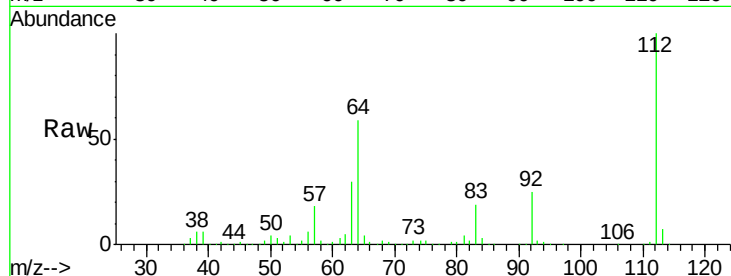
#5
2-Fluorophenol
Concen: 143.94 ng
RT: 3.92 min Scan# 195
Delta R.T. -0.06 min
Lab File: BF083690.D
Acq: 10 Dec 2015 22:01

Instrument :
BNA_F
ClientSampleId :
SB-04MS

Tot Ion	Ratio	Lower	Upper
112	100		
64	59.1	50.5	75.7
63	30.3	25.8	38.6

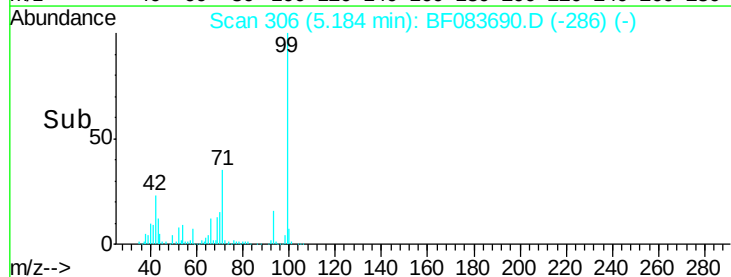
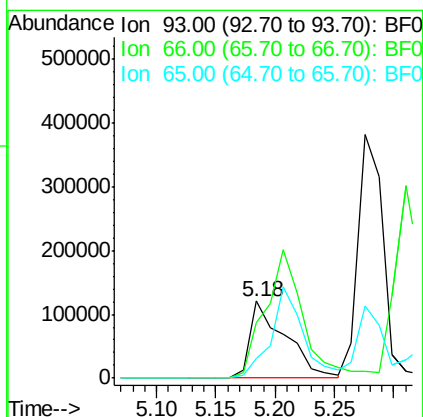
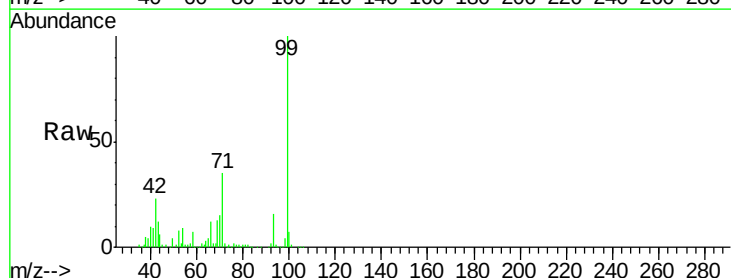
Manual Integrations
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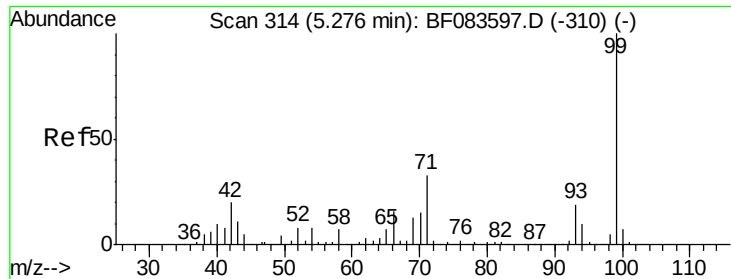
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#6
Aniline
Concen: 15.12 ng
RT: 5.18 min Scan# 306
Delta R.T. -0.07 min
Lab File: BF083690.D
Acq: 10 Dec 2015 22:01

Tgt Ion	Ratio	Lower	Upper
93	100		
66	72.8	41.3	61.9#
65	26.3	20.8	31.2





#7

Phenol-d6

Concen: 135.91 ng

RT: 5.20 min Scan# 307

Delta R.T. -0.08 min

Lab File: BF083690.D

Acq: 10 Dec 2015 22:01

Instrument :

BNA_F

ClientSampleId :

SB-04MS

Tot Ion: 99 Resp: 1831803

Ion Ratio Lower Upper

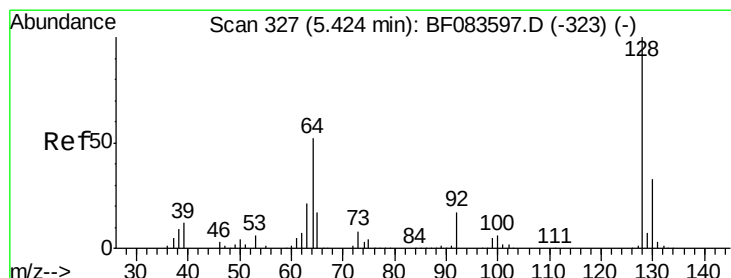
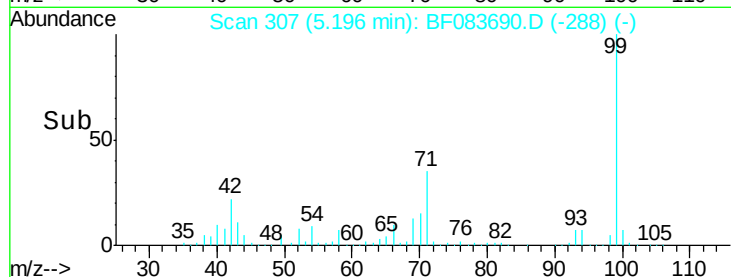
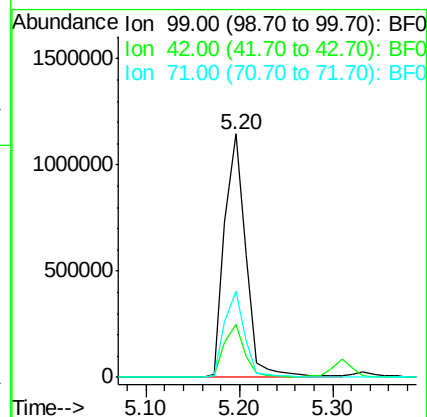
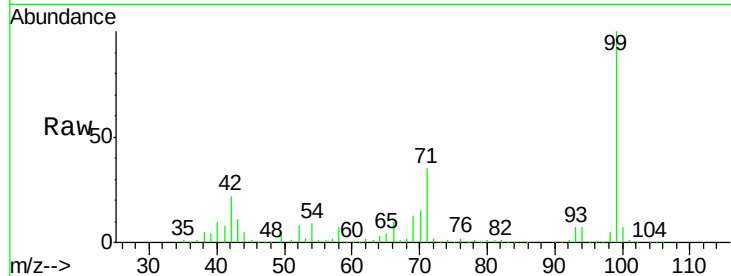
99 100

42 22.0 17.3 25.9

71 35.3 26.6 40.0

Manual Integrations
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12/11/2015 6:01:41 PM



#8

2-Chlorophenol

Concen: 47.90 ng

RT: 5.33 min Scan# 319

Delta R.T. -0.09 min

Lab File: BF083690.D

Acq: 10 Dec 2015 22:01

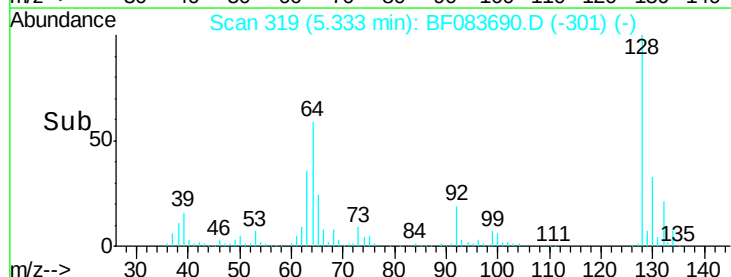
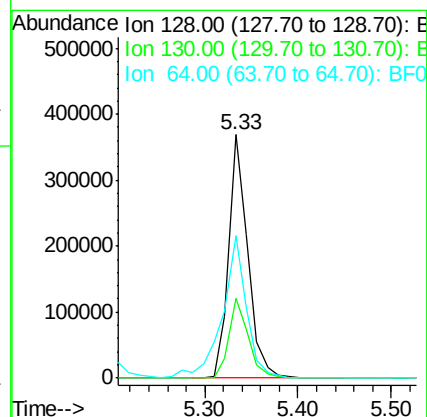
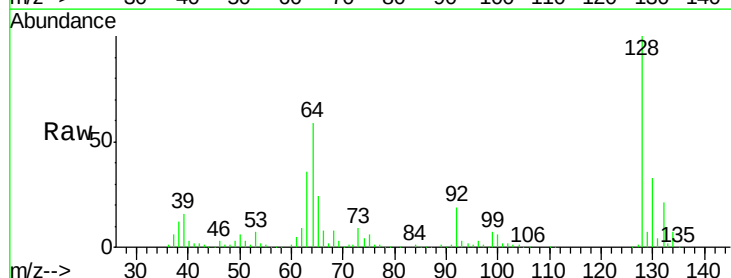
Tgt Ion: 128 Resp: 528398

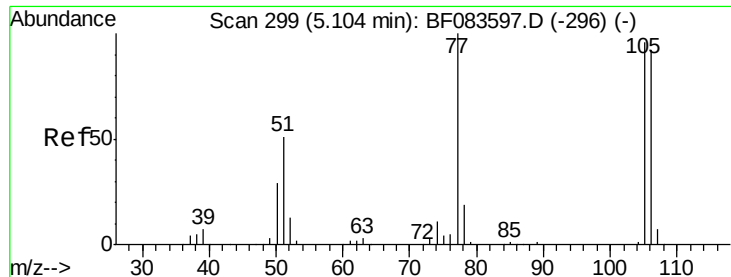
Ion Ratio Lower Upper

128 100

130 32.6 12.6 52.6

64 58.6 38.6 78.6





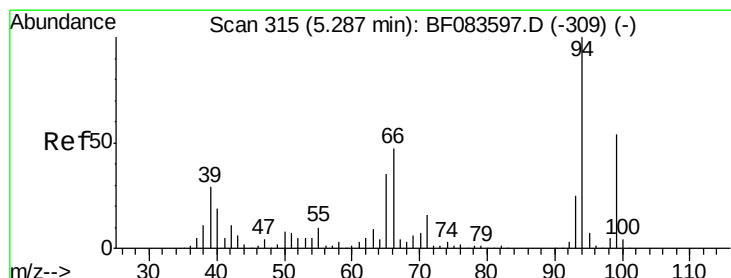
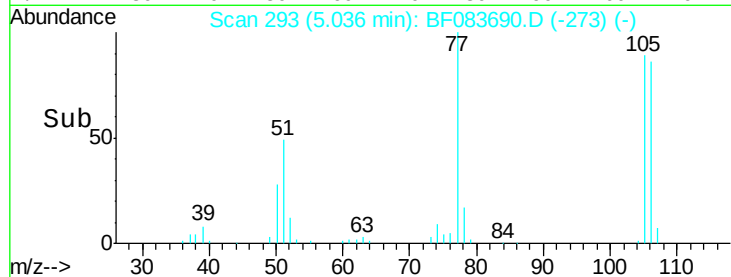
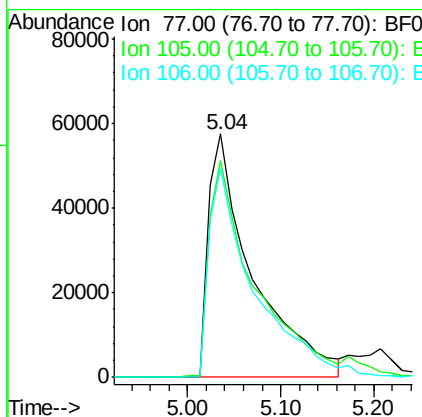
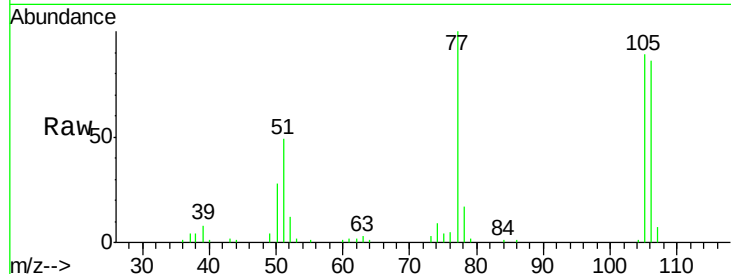
#9
Benzaldehyde
Concen: 23.25 ng
RT: 5.04 min Scan# 293
Delta R.T. -0.07 min
Lab File: BF083690.D
Acq: 10 Dec 2015 22:01

Instrument :
BNA_F
ClientSampleId :
SB-04MS

Tot Ion	Ratio	Lower	Upper
77	100		
105	89.2	71.8	111.8
106	85.9	66.8	106.8

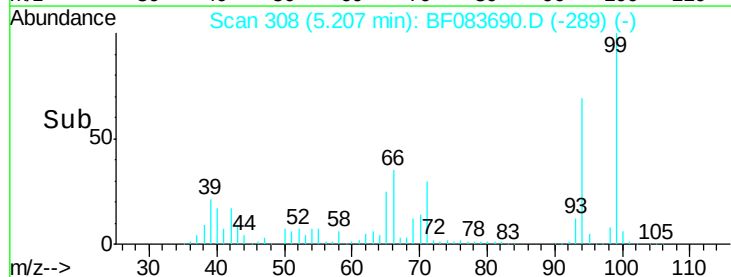
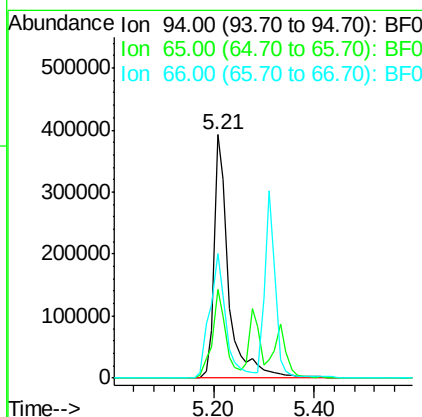
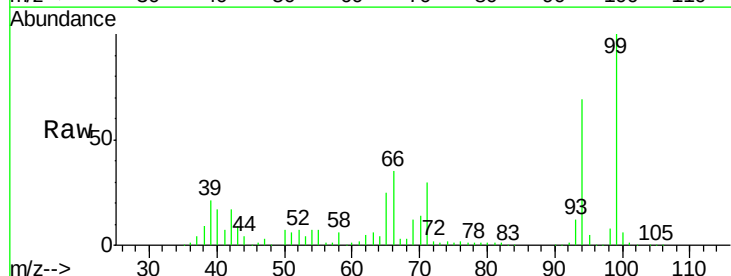
Manual Integrations
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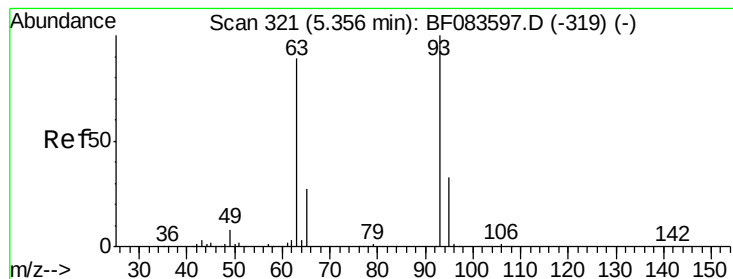
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12/11/2015 6:01:41 PM



#10
Phenol
Concen: 48.46 ng
RT: 5.21 min Scan# 308
Delta R.T. -0.08 min
Lab File: BF083690.D
Acq: 10 Dec 2015 22:01

Tgt Ion	Ratio	Lower	Upper
94	100		
65	36.4	20.9	60.9
66	51.3	41.6	81.6





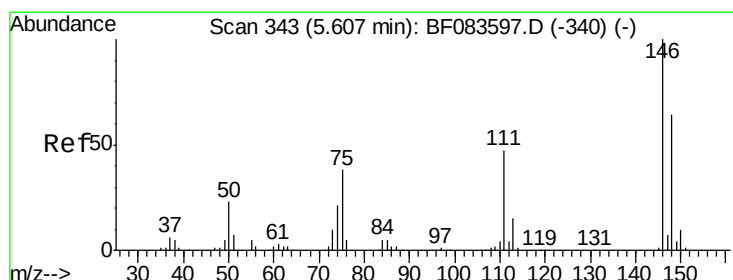
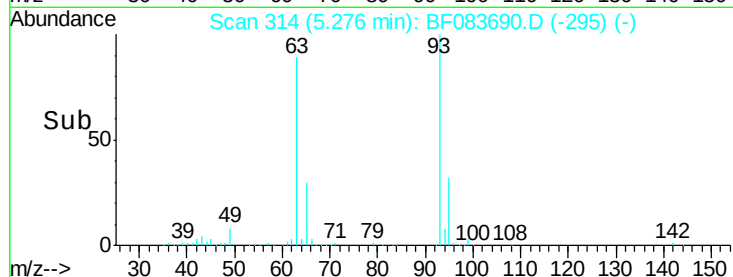
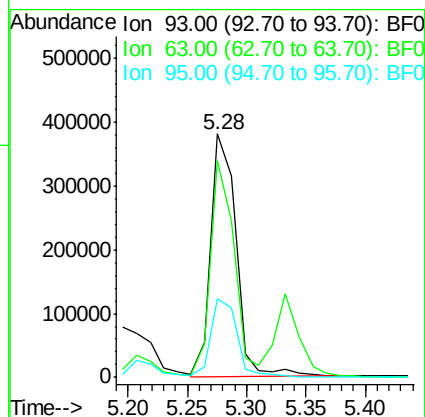
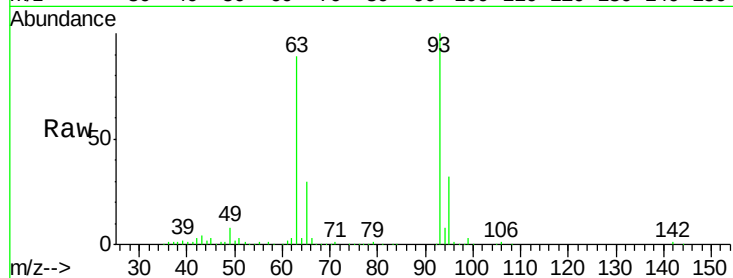
#11
bis(2-Chloroethyl)ether
Concen: 46.56 ng
RT: 5.28 min Scan# 314
Delta R.T. -0.08 min
Lab File: BF083690.D
Acq: 10 Dec 2015 22:01

Instrument :
BNA_F
ClientSampleId :
SB-04MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	88.9	64.7	104.7
95	32.2	12.7	52.7

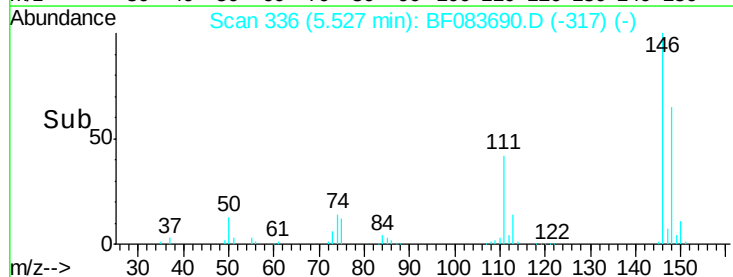
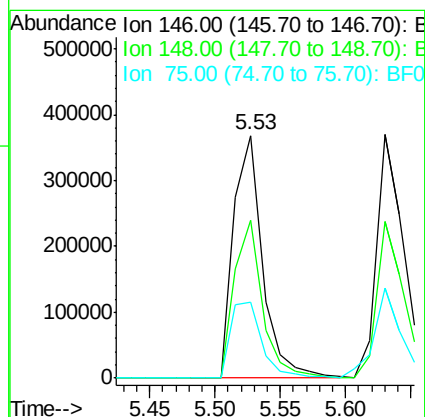
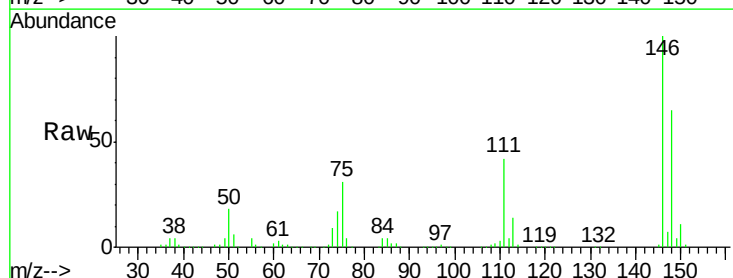
Manual Integrations
APPROVED

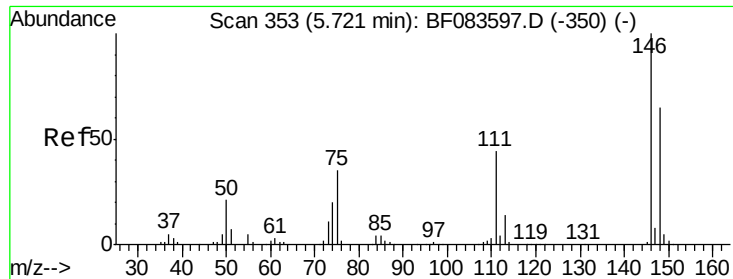
MMdadoda
12/11/2015 6:01:41 PM



#12
1,3-Dichlorobenzene
Concen: 46.16 ng
RT: 5.53 min Scan# 336
Delta R.T. -0.08 min
Lab File: BF083690.D
Acq: 10 Dec 2015 22:01

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.3	76.9
75	31.1	24.1	36.1





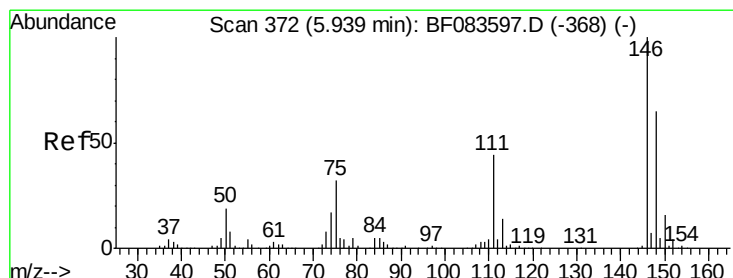
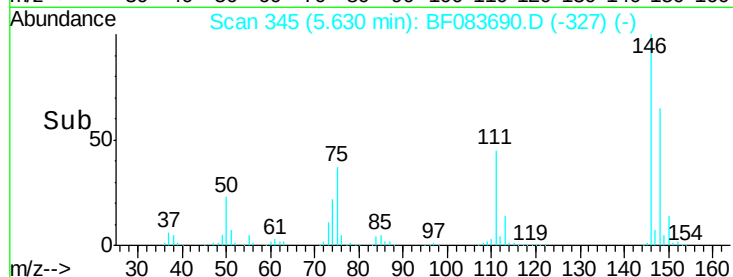
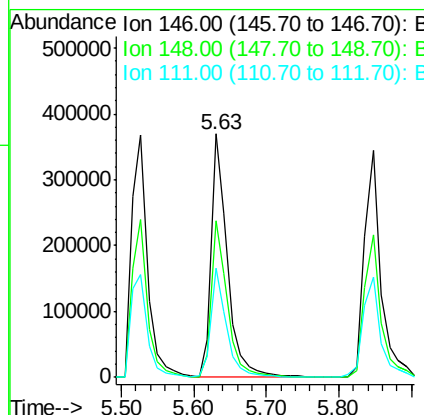
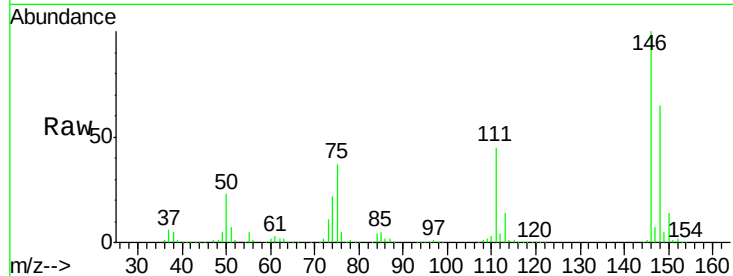
#13
 1,4-Dichlorobenzene
 Concen: 45.44 ng
 RT: 5.63 min Scan# 345
 Delta R.T. -0.09 min
 Lab File: BF083690.D
 Acq: 10 Dec 2015 22:01

Instrument :
 BNA_F
 ClientSampleId :
 SB-04MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.6	76.0
111	45.0	36.1	54.1

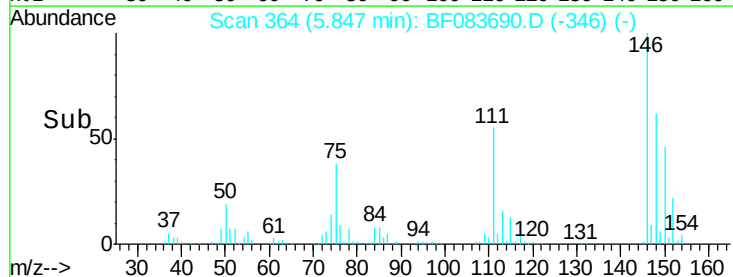
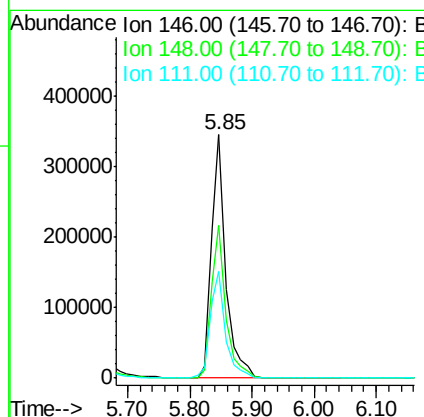
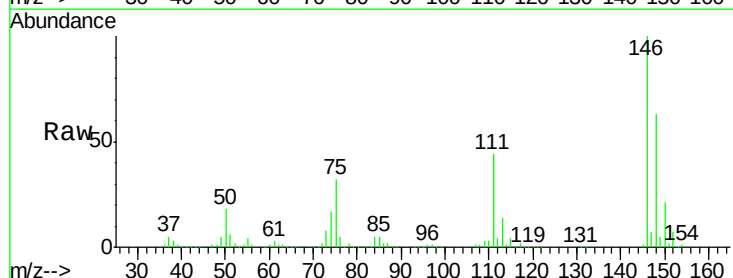
Manual Integrations
 APPROVED

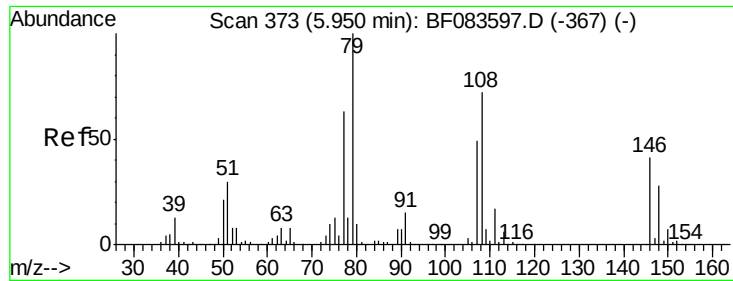
MMdadoda
 12/11/2015 6:01:41 PM



#14
 1,2-Dichlorobenzene
 Concen: 46.70 ng
 RT: 5.85 min Scan# 364
 Delta R.T. -0.09 min
 Lab File: BF083690.D
 Acq: 10 Dec 2015 22:01

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.8	51.4	77.0
111	44.0	36.7	55.1





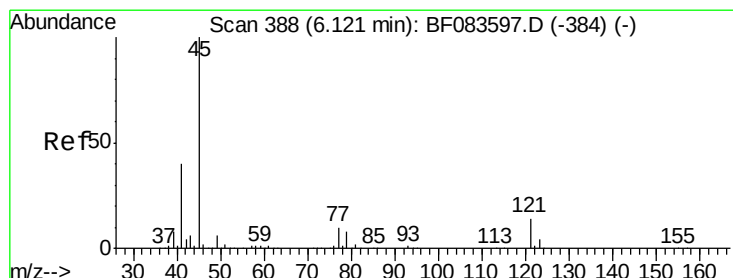
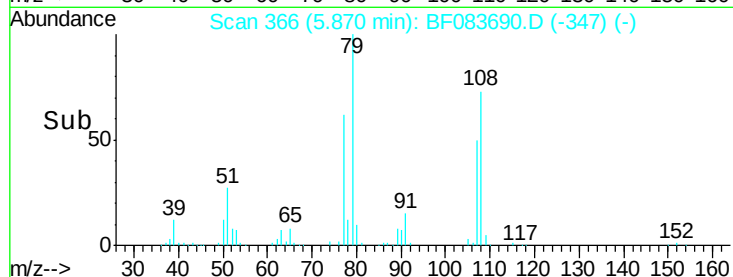
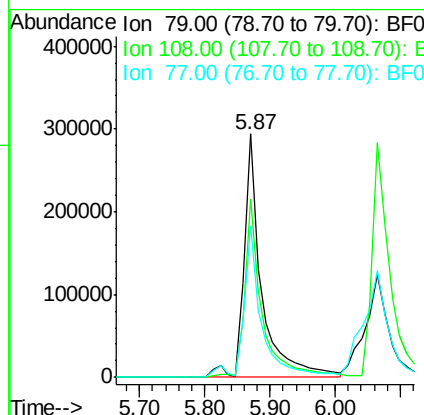
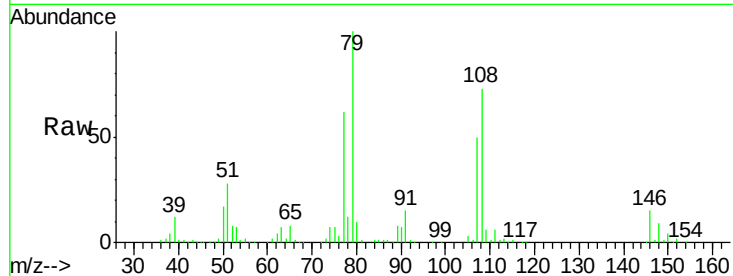
#15
Benzyl Alcohol
Concen: 57.12 ng
RT: 5.87 min Scan# 366
Delta R.T. -0.08 min
Lab File: BF083690.D
Acq: 10 Dec 2015 22:01

Instrument :
BNA_F
ClientSampleId :
SB-04MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	73.5	59.6	89.4
77	62.1	49.8	74.6

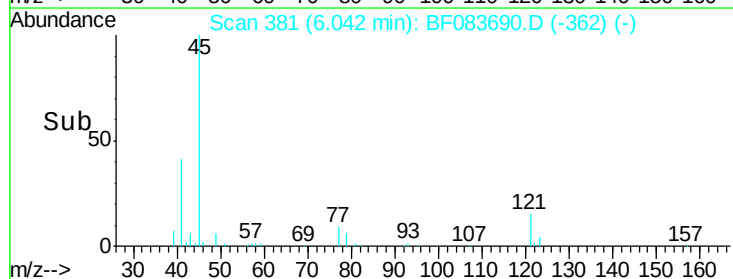
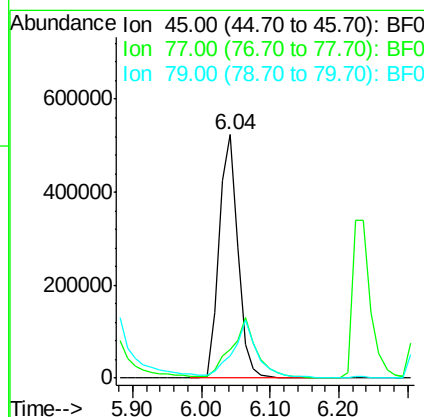
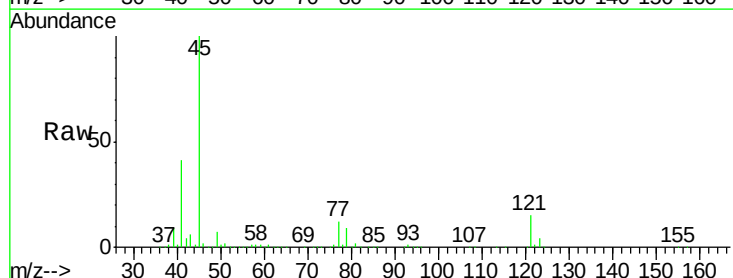
Manual Integrations
APPROVED

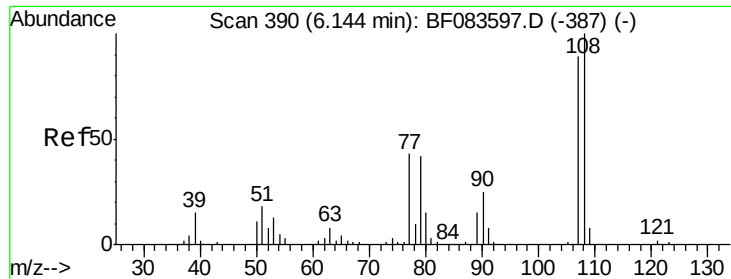
MMdadoda
12/11/2015 6:01:41 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.91 ng
RT: 6.04 min Scan# 381
Delta R.T. -0.08 min
Lab File: BF083690.D
Acq: 10 Dec 2015 22:01

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.6	12.8	52.8#
79	9.1	10.7	50.7#





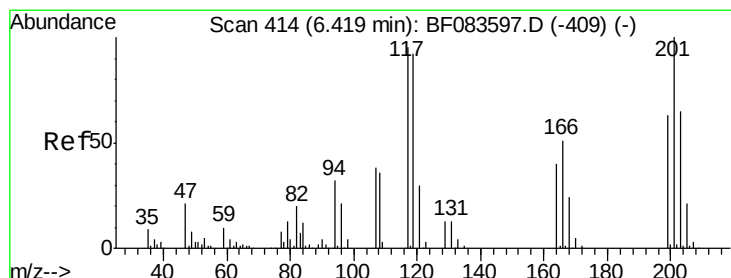
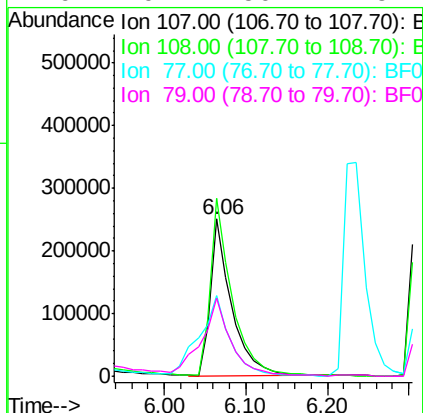
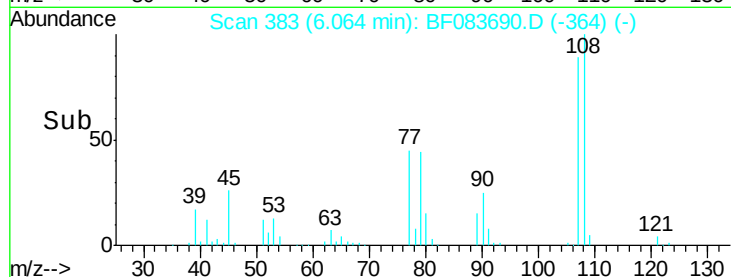
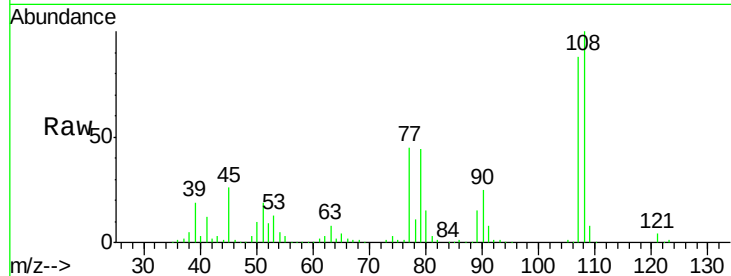
#17
2-Methylphenol
Concen: 50.77 ng
RT: 6.06 min Scan# 383
Delta R.T. -0.08 min
Lab File: BF083690.D
Acq: 10 Dec 2015 22:01

Instrument :
BNA_F
ClientSampled :
SB-04MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	455712		
108	113.1	91.6	137.4	
77	51.4	53.7	80.5	
79	49.7	50.2	75.4	

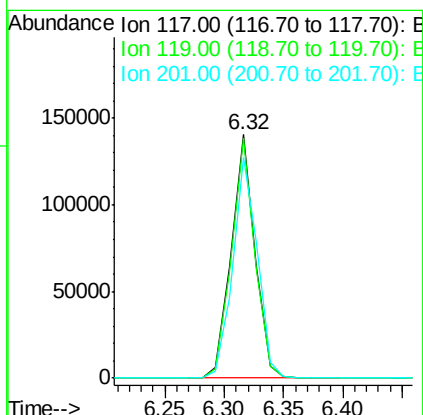
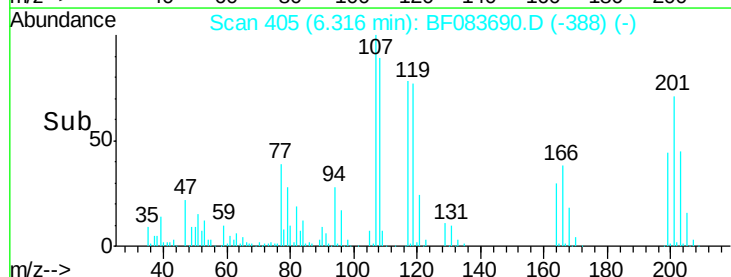
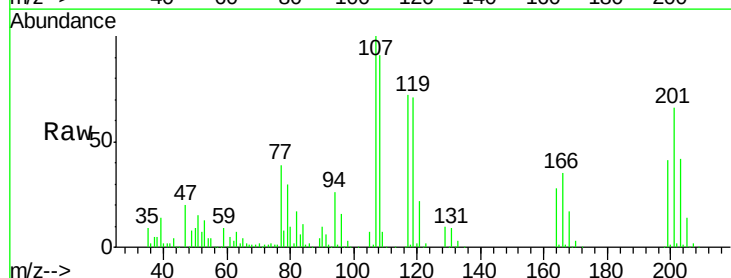
Manual Integrations
APPROVED

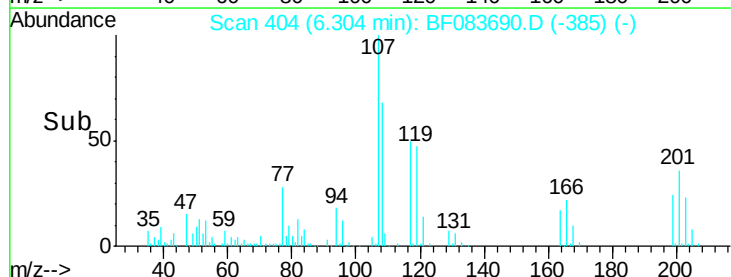
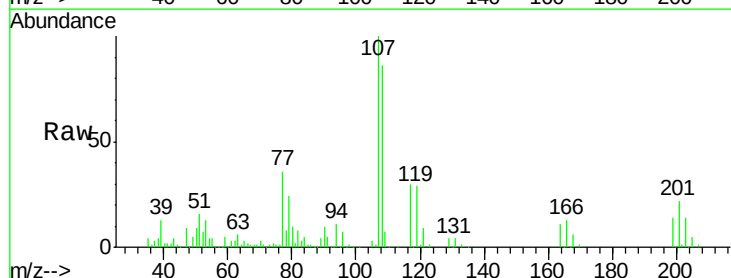
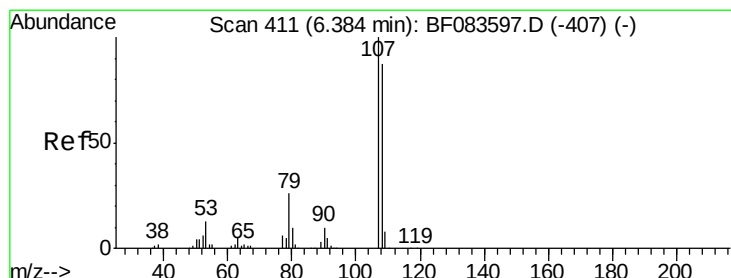
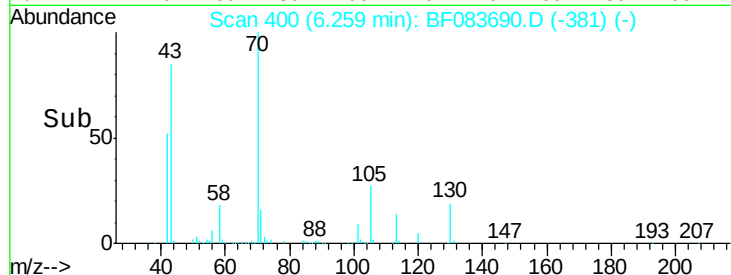
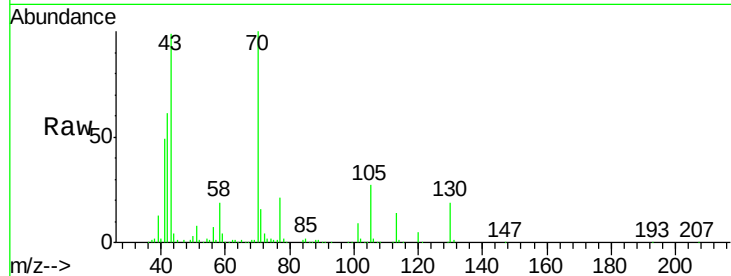
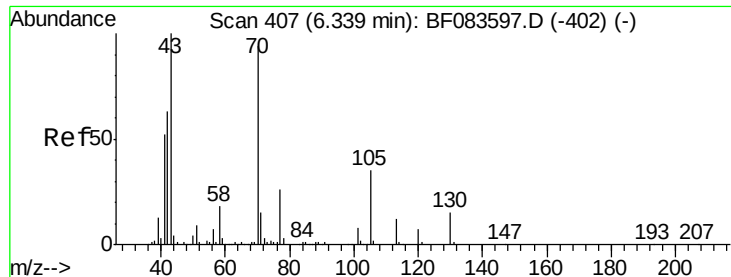
MMdadoda
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#18
Hexachloroethane
Concen: 43.82 ng
RT: 6.32 min Scan# 405
Delta R.T. -0.10 min
Lab File: BF083690.D
Acq: 10 Dec 2015 22:01

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	195167		
119	98.5	77.2	115.8	
201	90.6	86.8	130.2	

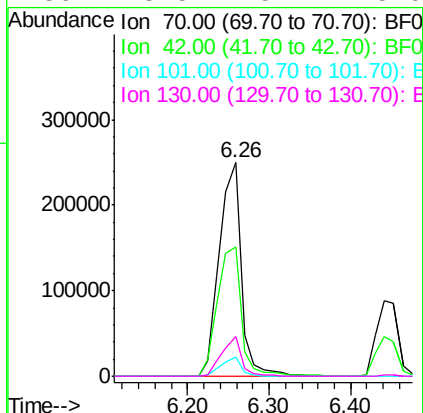




#19
n-Nitroso-di-n-propylamine
Concen: 49.76 ng
RT: 6.26 min Scan# 400
Delta R.T. -0.08 min
Lab File: BF083690.D
Acq: 10 Dec 2015 22:01

Instrument :
BNA_F
ClientSampleId :
SB-04MS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	60.8	49.2	73.8	
101	9.0	7.1	10.7	
130	18.5	15.4	23.0	

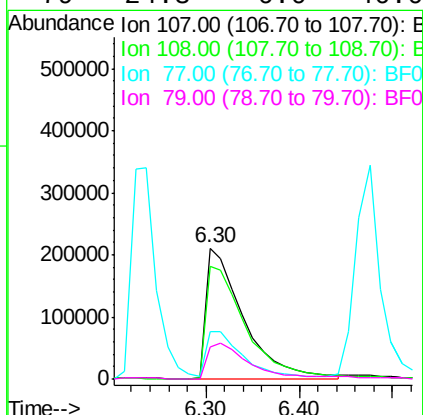


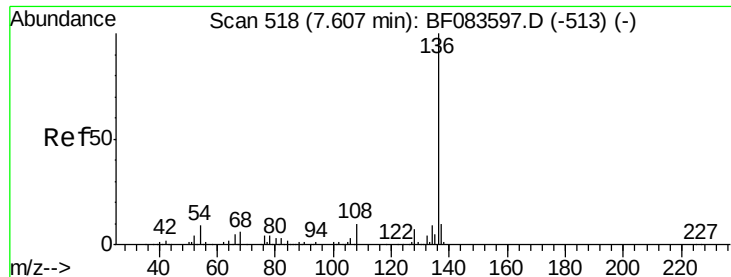
Manual Integrations
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MMdadoda
12/11/2015 6:01:41 PM

#20
3+4-Methylphenols
Concen: 49.37 ng
RT: 6.30 min Scan# 404
Delta R.T. -0.08 min
Lab File: BF083690.D
Acq: 10 Dec 2015 22:01

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	86.4	65.2	105.2	
77	35.8	15.2	55.2	
79	24.3	6.0	46.0	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.50 min Scan# 509

Delta R.T. -0.10 min

Lab File: BF083690.D

Acq: 10 Dec 2015 22:01

Instrument :

BNA_F

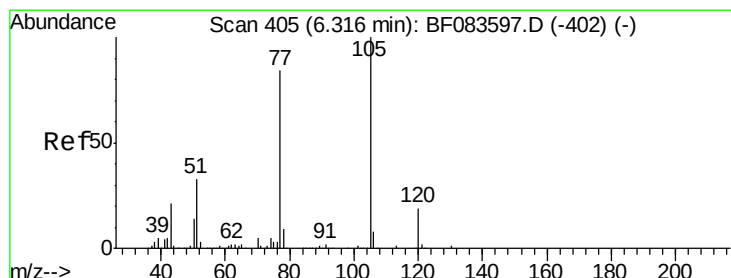
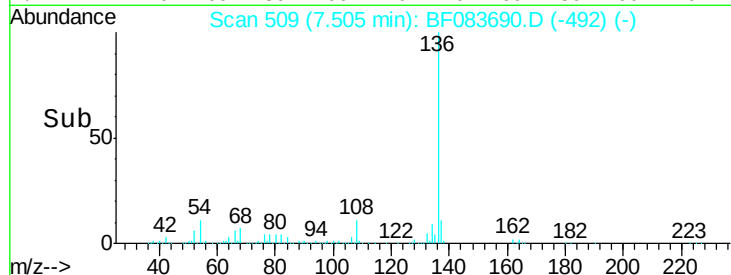
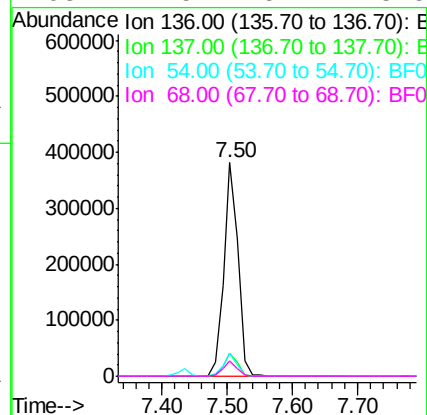
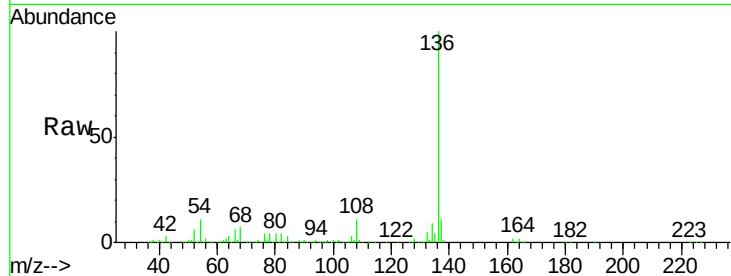
ClientSampled :

SB-04MS

Manual Integrations
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Tot Ion	Ratio	Resp	Lower	Upper
136	100	586517		
137	11.0		8.7	13.1
54	11.0		7.8	11.6
68	7.5		5.7	8.5



#22

Acetophenone

Concen: 46.00 ng

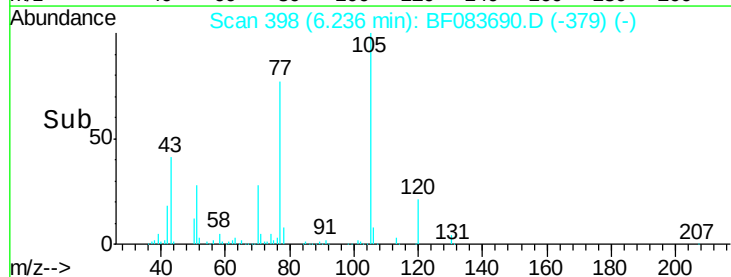
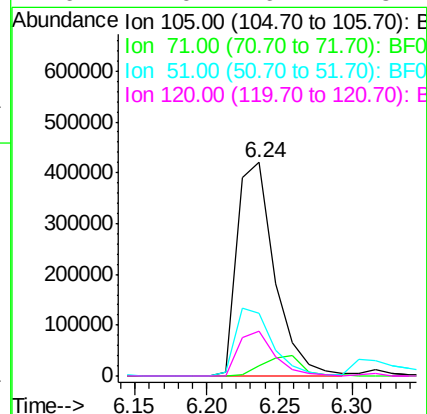
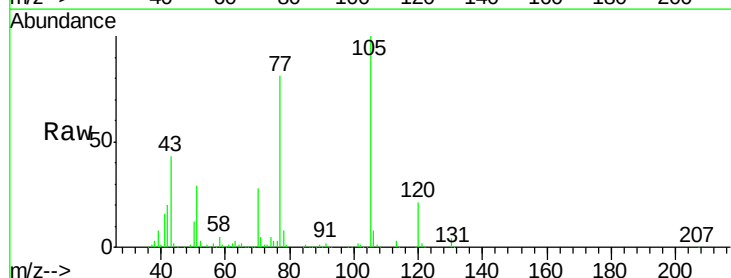
RT: 6.24 min Scan# 398

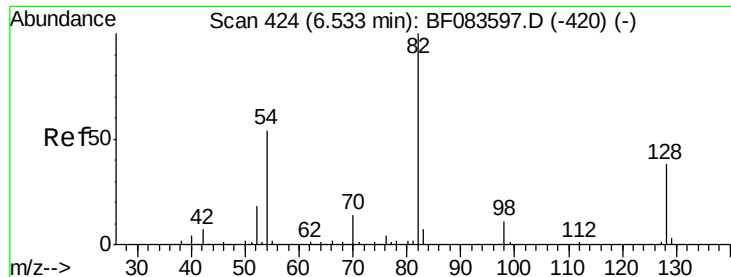
Delta R.T. -0.08 min

Lab File: BF083690.D

Acq: 10 Dec 2015 22:01

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	756789		
71	4.7		1.3	1.9#
51	29.2		23.8	35.8
120	21.0		16.7	25.1





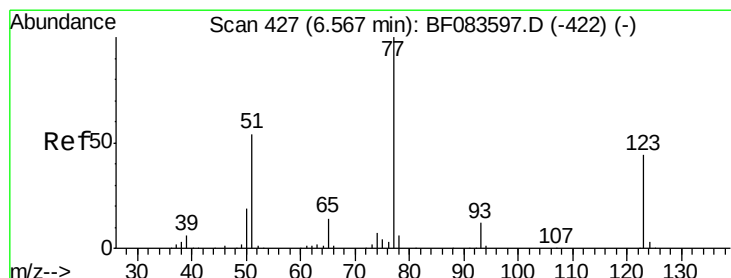
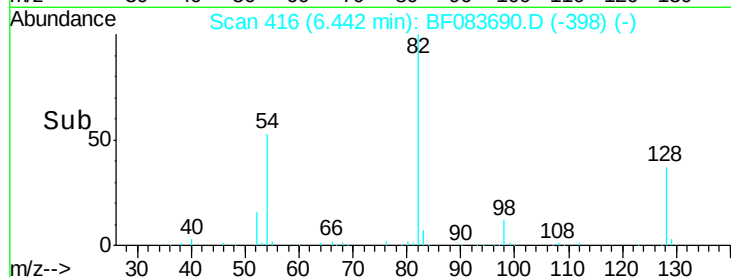
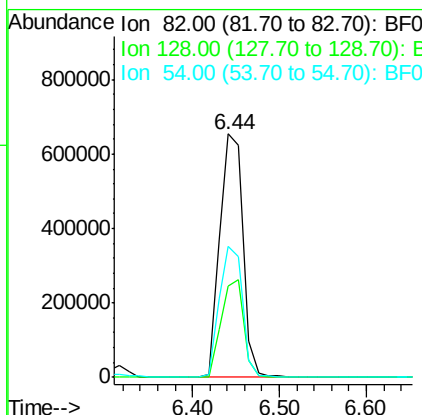
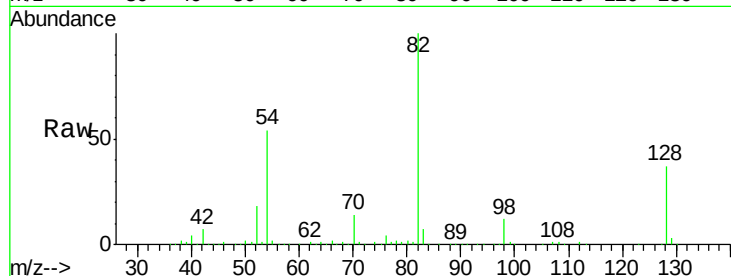
#23
 Nitrobenzene-d5
 Concen: 97.06 ng
 RT: 6.44 min Scan# 416
 Delta R.T. -0.09 min
 Lab File: BF083690.D
 Acq: 10 Dec 2015 22:01

Instrument :
 BNA_F
 ClientSampleId :
 SB-04MS

Tot Ion	82	Resp	1219972
Ion Ratio	Lower	Upper	
82	100		
128	37.3	30.7	46.1
54	53.7	42.5	63.7

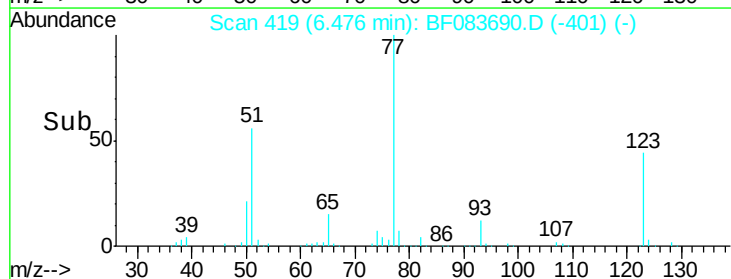
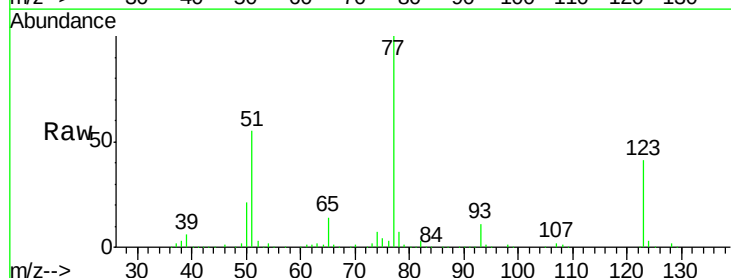
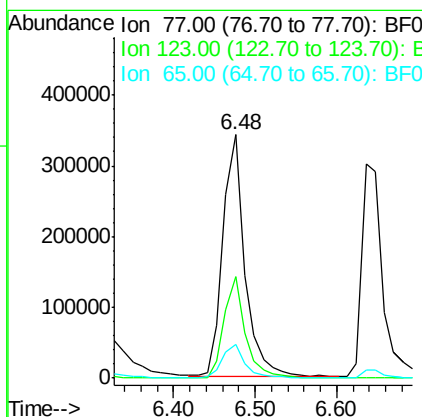
Manual Integrations
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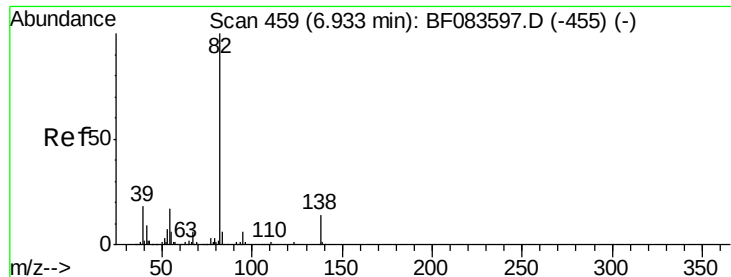
MMdadoda
 12/11/2015 6:01:41 PM



#24
 Nitrobenzene
 Concen: 45.79 ng
 RT: 6.48 min Scan# 419
 Delta R.T. -0.09 min
 Lab File: BF083690.D
 Acq: 10 Dec 2015 22:01

Tgt Ion	77	Resp	636184
Ion Ratio	Lower	Upper	
77	100		
123	41.5	29.8	44.6
65	13.9	11.1	16.7





#25

Isophorone

Concen: 47.52 ng

RT: 6.84 min Scan# 451

Delta R.T. -0.09 min

Lab File: BF083690.D

Acq: 10 Dec 2015 22:01

Instrument :

BNA_F

ClientSampleId :

SB-04MS

Tot Ion: 82 Resp: 1159237

Ion Ratio Lower Upper

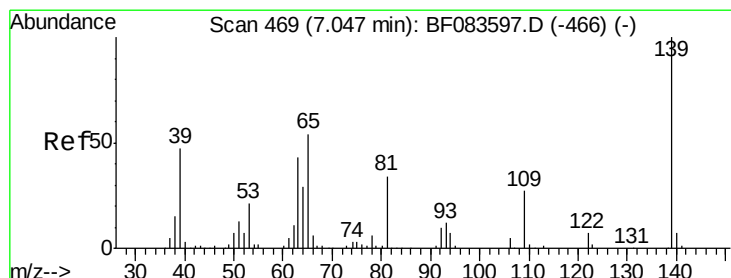
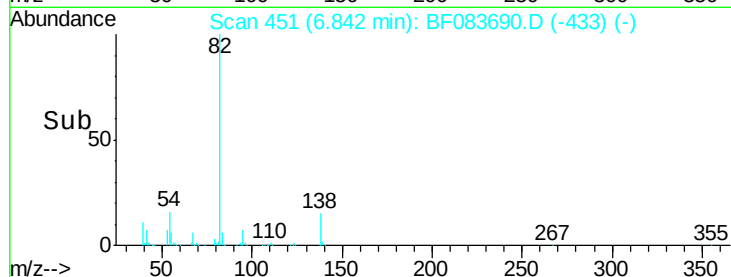
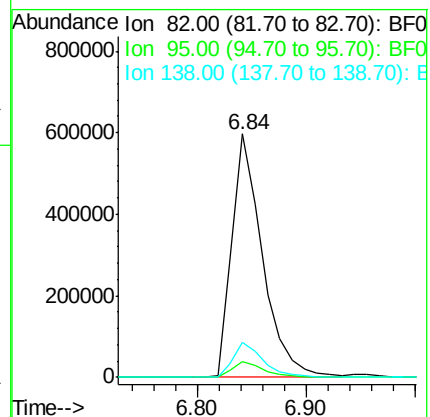
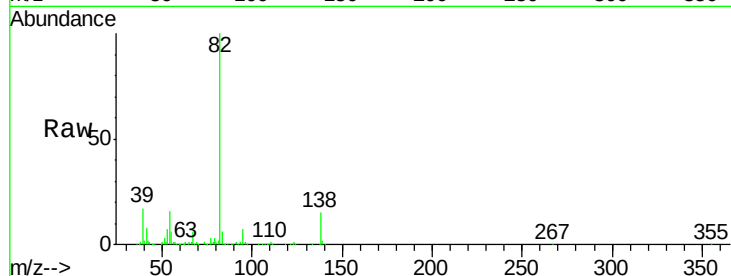
82 100

95 6.6 5.0 7.4

138 14.6 12.1 18.1

Manual Integrations
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MMdadoda
12/11/2015 6:01:41 PM



#26

2-Nitrophenol

Concen: 51.16 ng

RT: 6.96 min Scan# 461

Delta R.T. -0.09 min

Lab File: BF083690.D

Acq: 10 Dec 2015 22:01

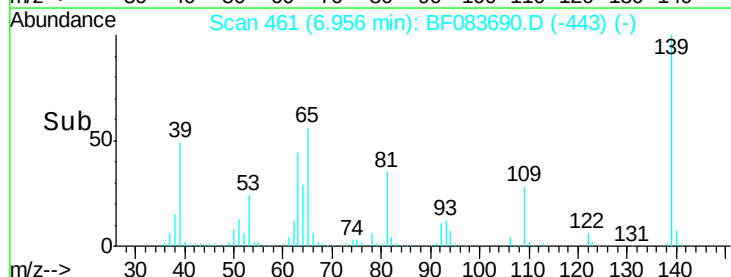
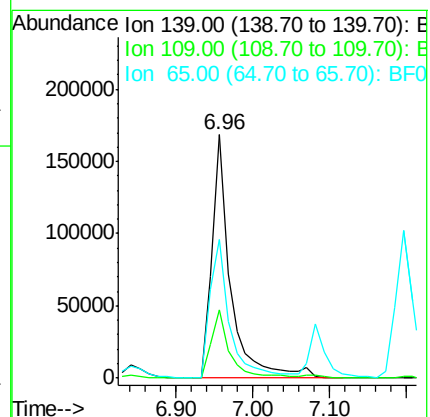
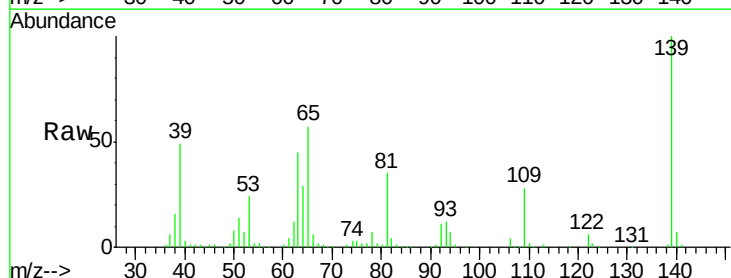
Tgt Ion: 139 Resp: 282217

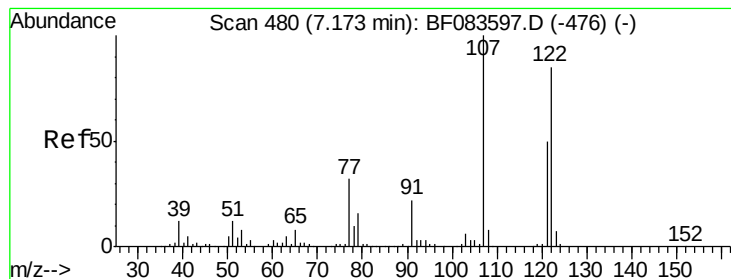
Ion Ratio Lower Upper

139 100

109 27.8 22.7 34.1

65 56.7 51.8 77.8





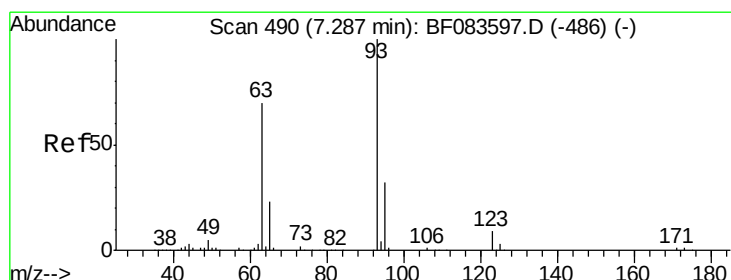
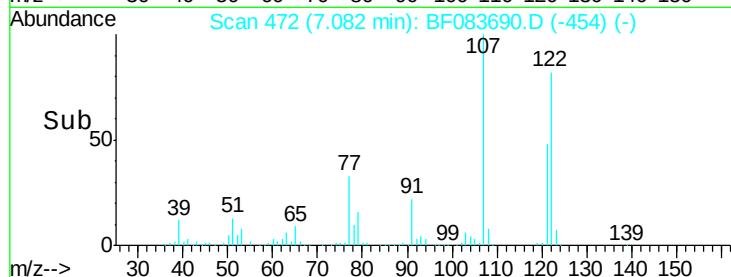
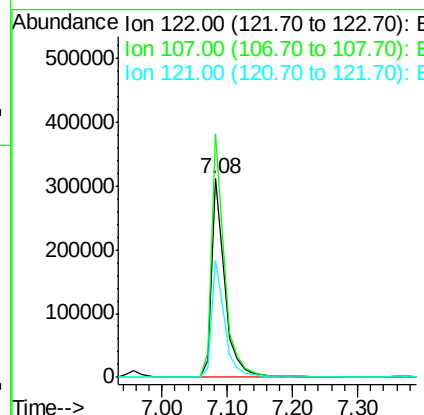
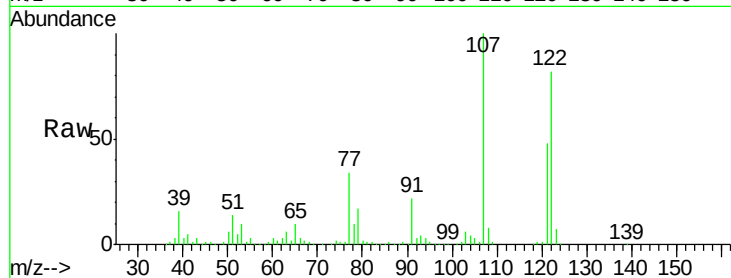
#27
 2,4-Dimethylphenol
 Concen: 45.37 ng
 RT: 7.08 min Scan# 472
 Delta R.T. -0.09 min
 Lab File: BF083690.D
 Acq: 10 Dec 2015 22:01

Instrument :
 BNA_F
 ClientSampled :
 SB-04MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	437851		
107	122.5	92.4	138.6	
121	58.6	45.8	68.6	

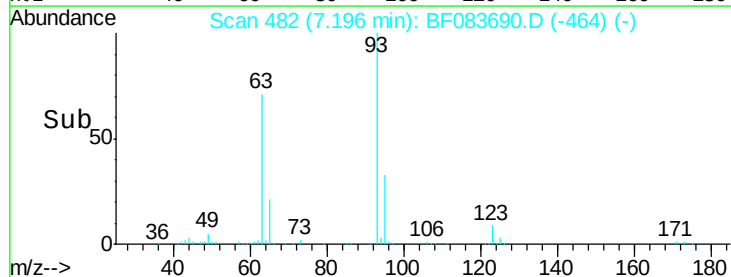
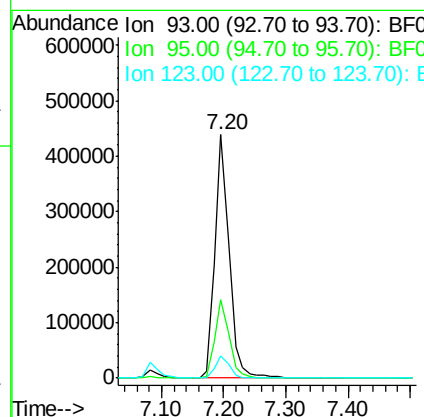
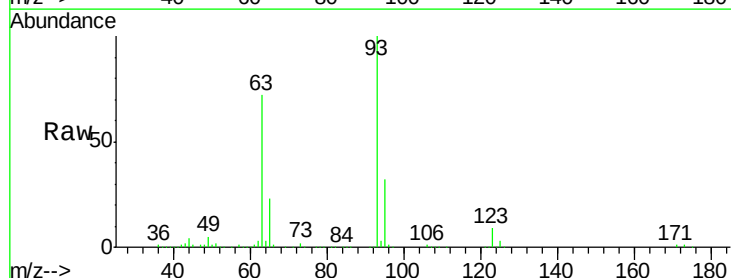
Manual Integrations
 APPROVED

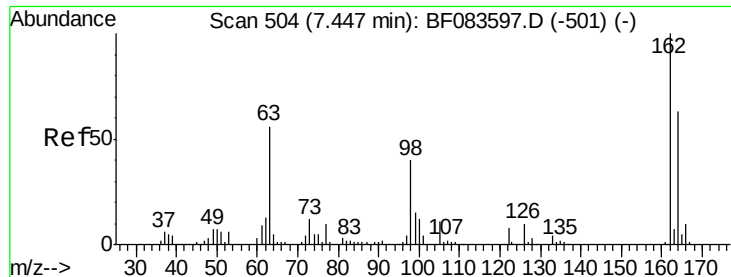
MMdadoda
 12/11/2015 6:01:41 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 51.56 ng
 RT: 7.20 min Scan# 482
 Delta R.T. -0.09 min
 Lab File: BF083690.D
 Acq: 10 Dec 2015 22:01

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	698406		
95	32.5	25.6	38.4	
123	9.3	7.3	10.9	





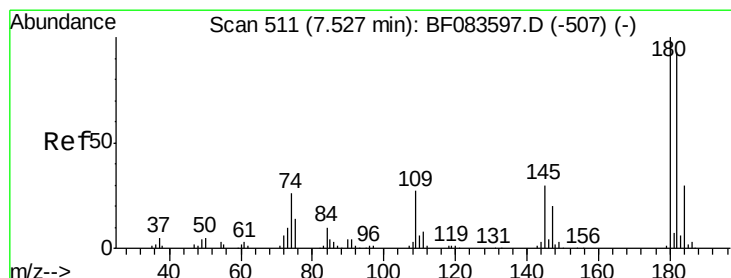
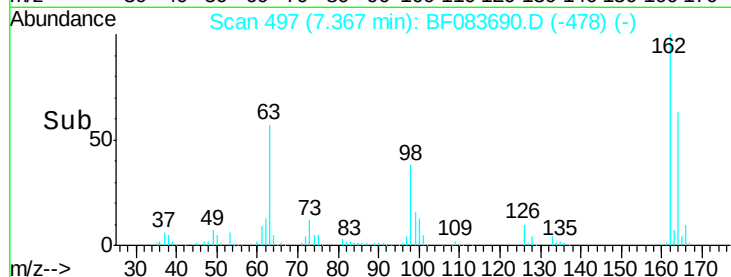
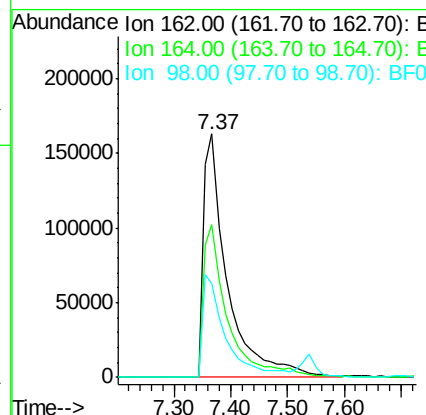
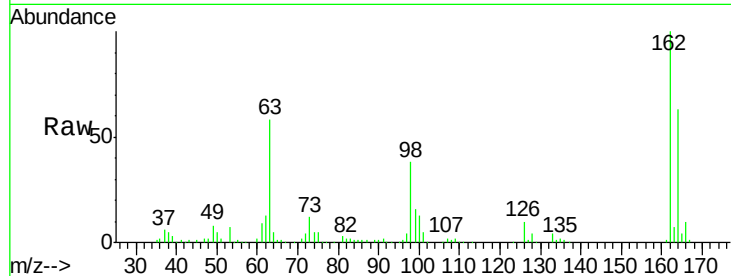
#29
2,4-Dichlorophenol
Concen: 52.79 ng
RT: 7.37 min Scan# 497
Delta R.T. -0.08 min
Lab File: BF083690.D
Acq: 10 Dec 2015 22:01

Instrument :
BNA_F
ClientSampleId :
SB-04MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	463258		
164	62.9	43.4	83.4	
98	38.4	17.5	57.5	

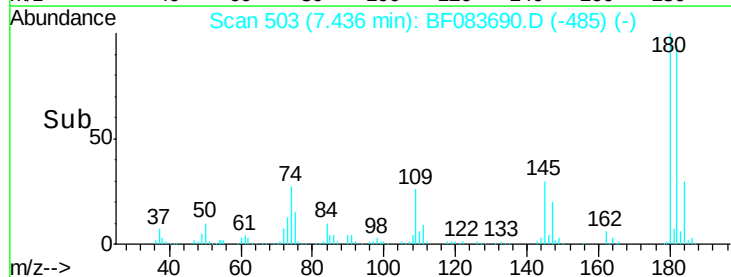
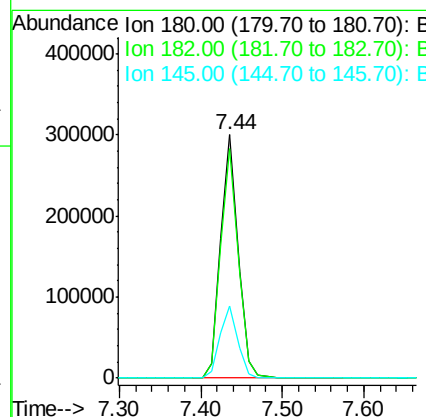
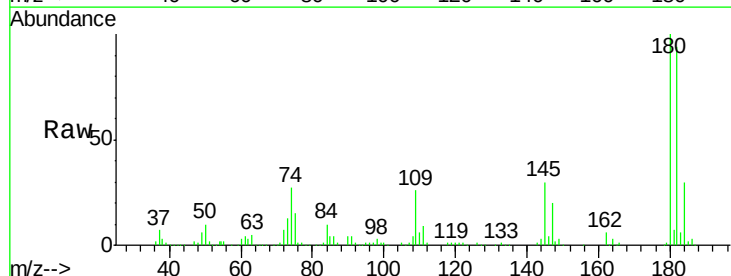
Manual Integrations
APPROVED

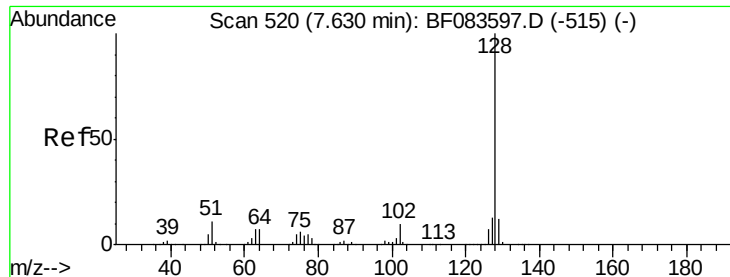
MMdadoda
12/11/2015 6:01:41 PM



#30
1,2,4-Trichlorobenzene
Concen: 46.21 ng
RT: 7.44 min Scan# 503
Delta R.T. -0.09 min
Lab File: BF083690.D
Acq: 10 Dec 2015 22:01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	447983		
182	94.5	74.9	112.3	
145	29.8	24.7	37.1	





#31

Naphthalene

Concen: 48.02 ng

RT: 7.54 min Scan# 512

Delta R.T. -0.09 min

Lab File: BF083690.D

Acq: 10 Dec 2015 22:01

Instrument :

BNA_F

ClientSampleId :

SB-04MS

Tot Ion:128 Resp: 1491766

Ion Ratio Lower Upper

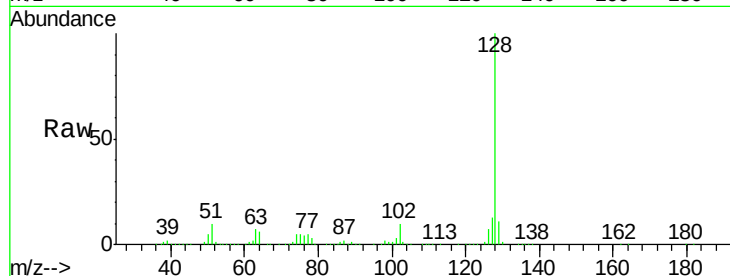
128 100

129 11.3 8.6 13.0

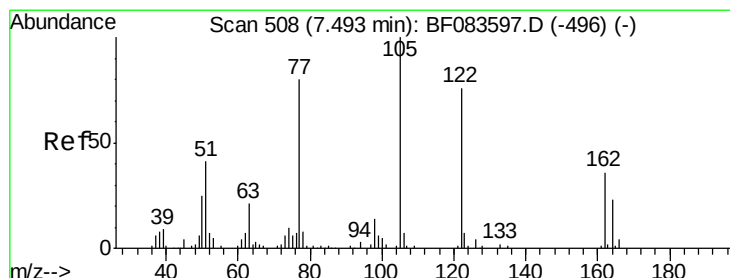
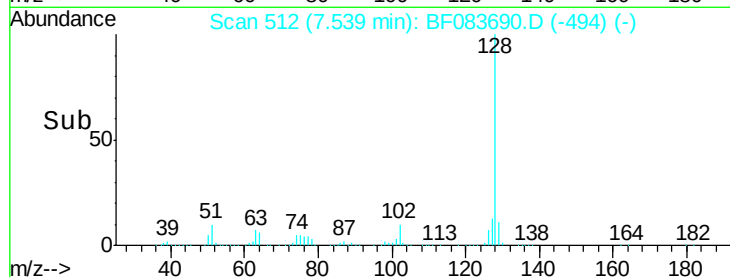
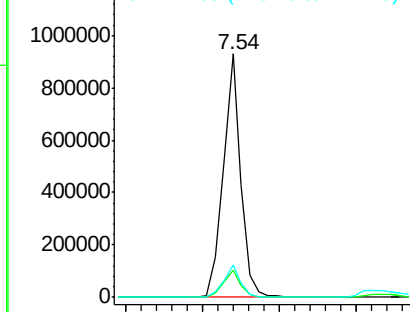
127 13.2 10.6 16.0

Manual Integrations
APPROVED

MMdadoda
12/11/2015 6:01:41 PM



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



#32

Benzoic acid

Concen: 4.76 ng

RT: 7.44 min Scan# 503

Delta R.T. -0.06 min

Lab File: BF083690.D

Acq: 10 Dec 2015 22:01

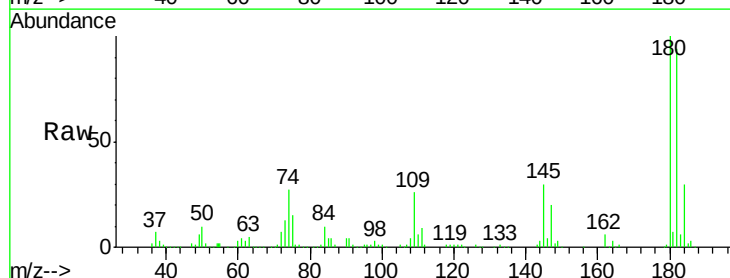
Tgt Ion:122 Resp: 11399

Ion Ratio Lower Upper

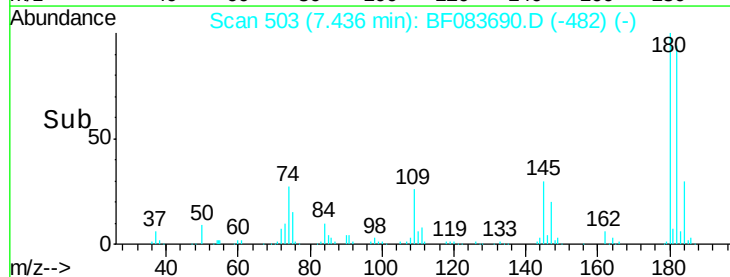
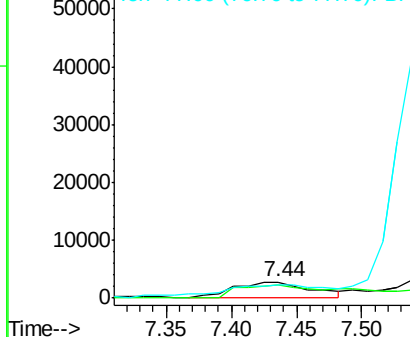
122 100

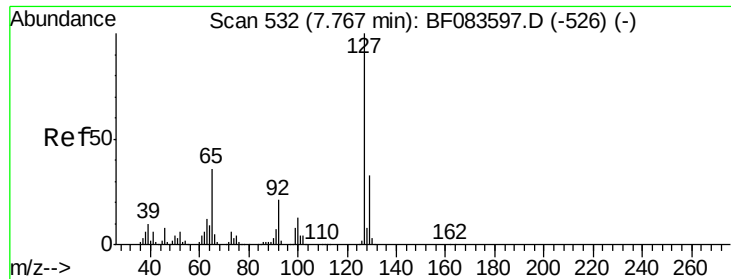
105 81.4 105.6 145.6#

77 80.6 86.8 126.8#



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





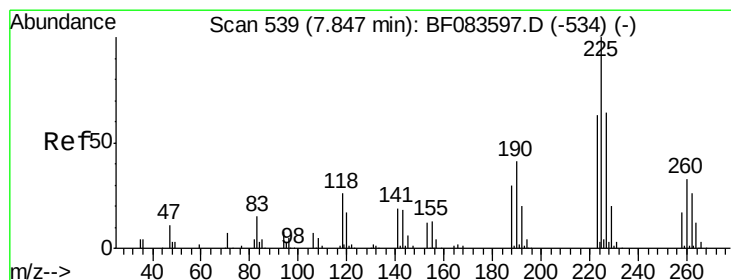
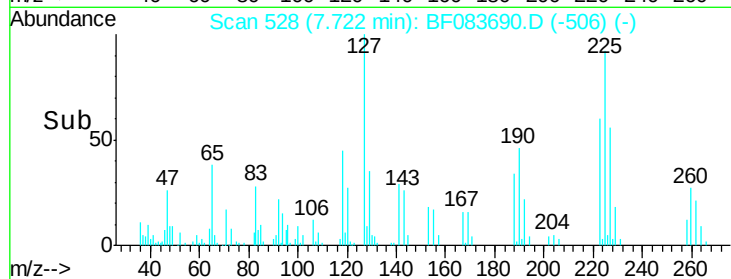
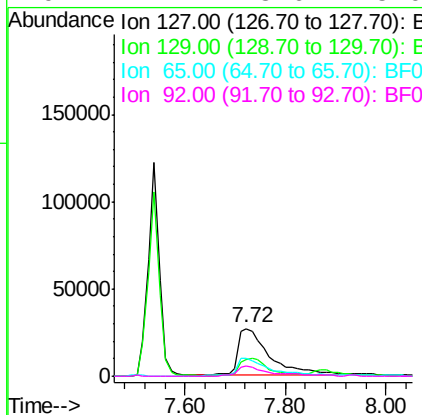
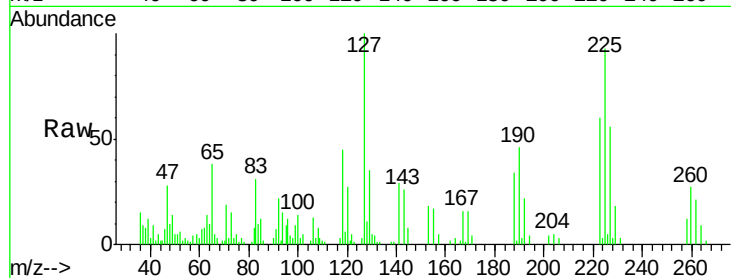
#33
4-Chloroaniline
Concen: 10.61 ng
RT: 7.72 min Scan# 528
Delta R.T. -0.05 min
Lab File: BF083690.D
Acq: 10 Dec 2015 22:01

Instrument :
BNA_F
ClientSampleId :
SB-04MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		120131		
129	35.2	26.1	39.1		
65	38.1	33.5	50.3		
92	22.1	18.6	28.0		

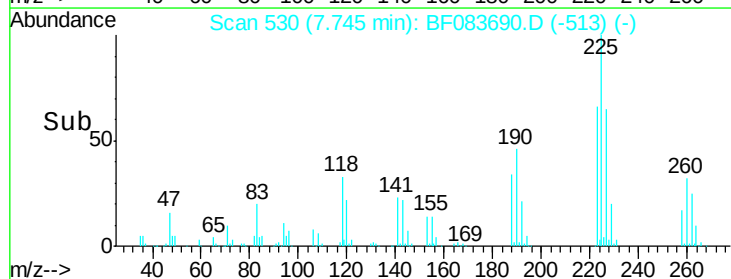
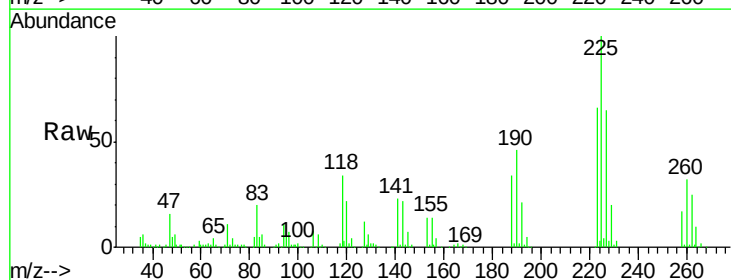
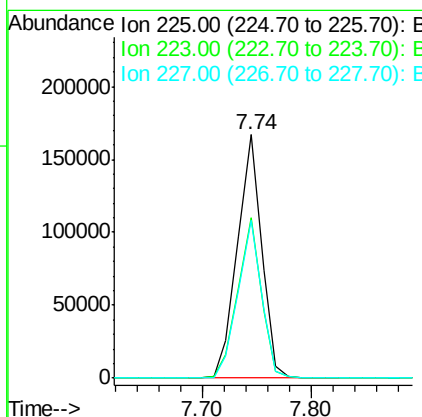
Manual Integrations
APPROVED

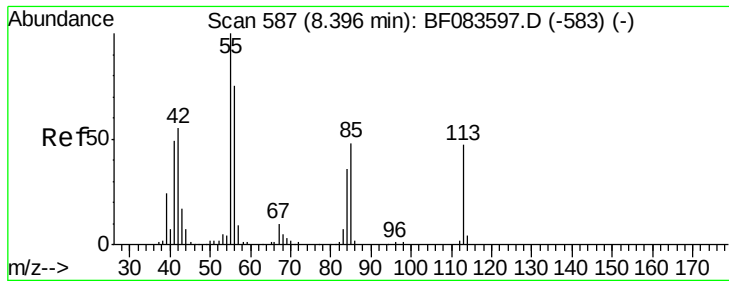
MMdadoda
12/11/2015 6:01:41 PM



#34
Hexachlorobutadiene
Concen: 45.39 ng
RT: 7.74 min Scan# 530
Delta R.T. -0.10 min
Lab File: BF083690.D
Acq: 10 Dec 2015 22:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		257096		
223	66.0	52.3	78.5		
227	64.9	50.4	75.6		





#35

Caprolactam

Concen: 55.30 ng/mL

RT: 8.30 min Scan# 579

Delta R.T. -0.09 min

Lab File: BF083690.D

Acq: 10 Dec 2015 22:01

Instrument :

BNA_F

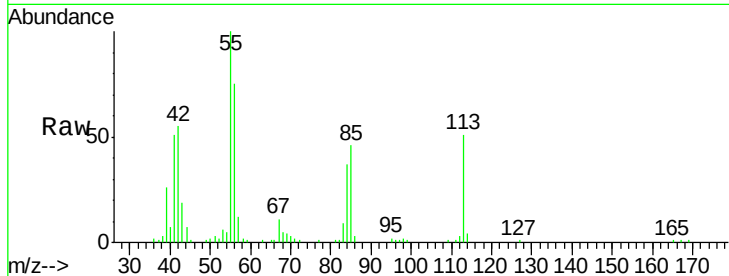
ClientSampleID :

SB-04MS

Tot Ion:	113	Resp:	145653
Ion Ratio	Lower	Upper	
113	100		
55	197.5	189.7	229.7
56	149.0	130.7	170.7

Manual Integrations
APPROVED

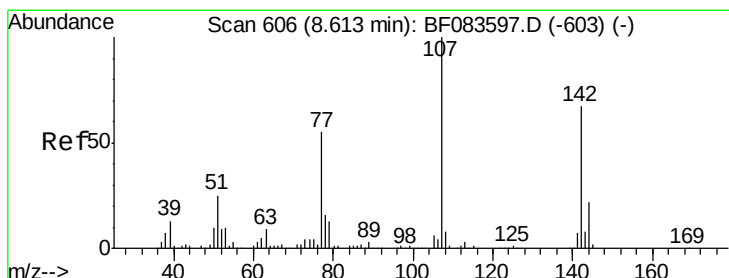
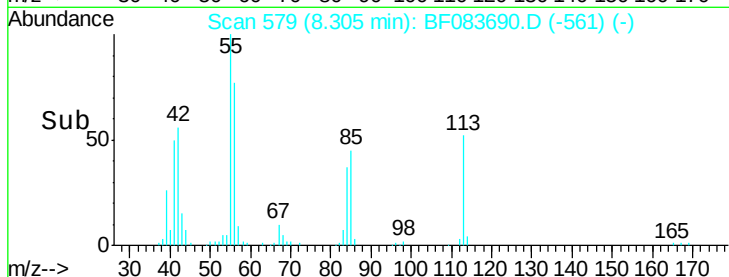
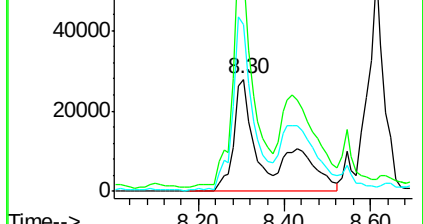
MMdadoda
12/11/2015 6:01:41 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 49.11 ng/mL

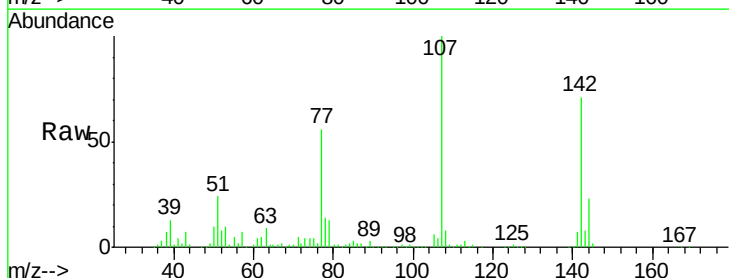
RT: 8.54 min Scan# 600

Delta R.T. -0.07 min

Lab File: BF083690.D

Acq: 10 Dec 2015 22:01

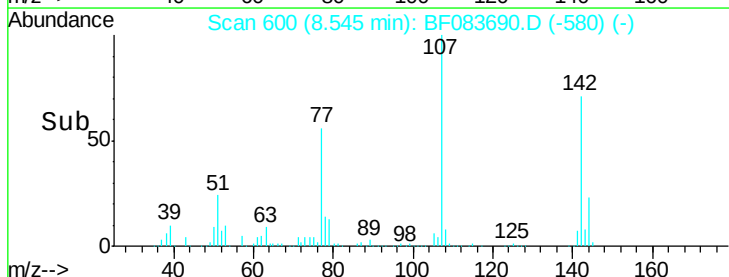
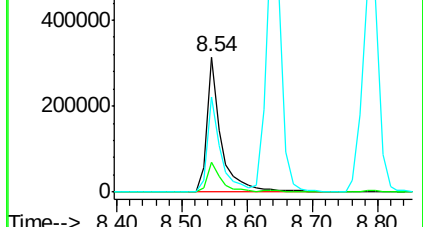
Tgt Ion:	107	Resp:	484237
Ion Ratio	Lower	Upper	
107	100		
144	22.6	17.5	26.3
142	70.6	53.6	80.4

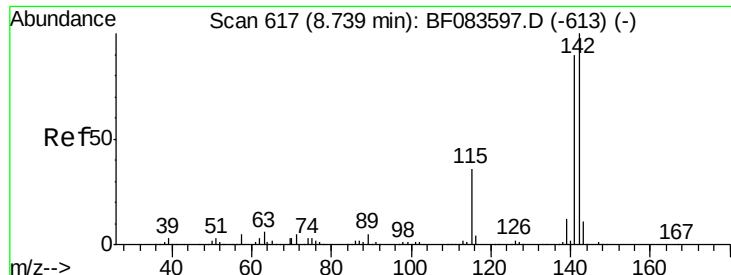


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





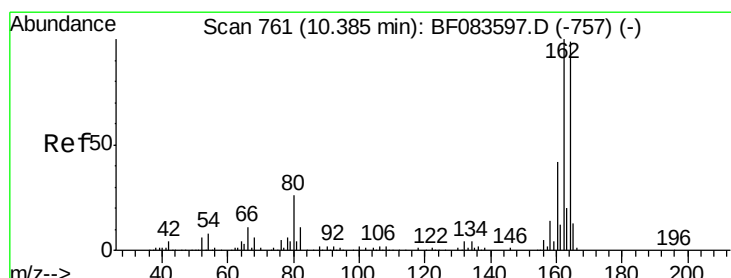
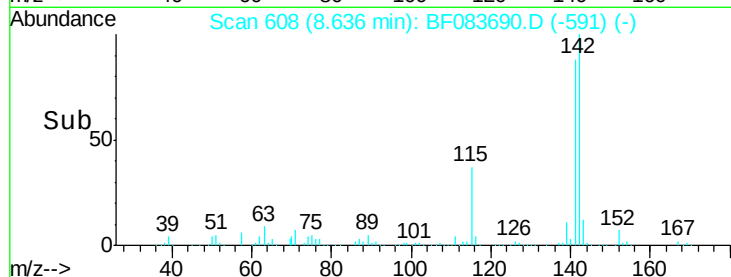
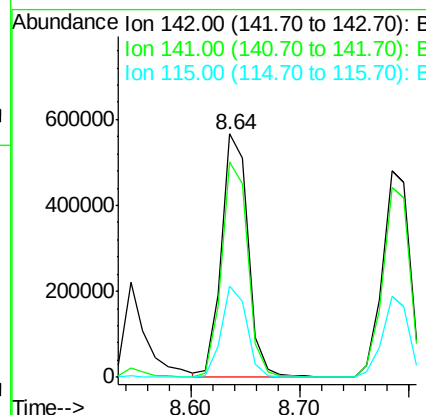
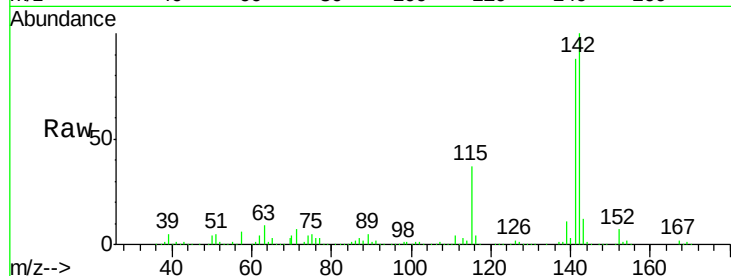
#37
2-Methylnaphthalene
Concen: 49.55 ng
RT: 8.64 min Scan# 608
Delta R.T. -0.10 min
Lab File: BF083690.D
Acq: 10 Dec 2015 22:01

Instrument :
BNA_F
ClientSampleId :
SB-04MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.4	70.3	105.5
115	37.5	29.2	43.8

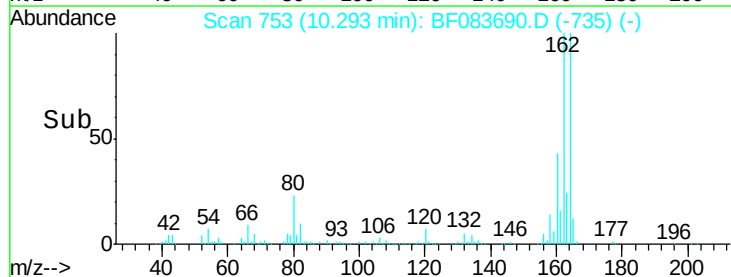
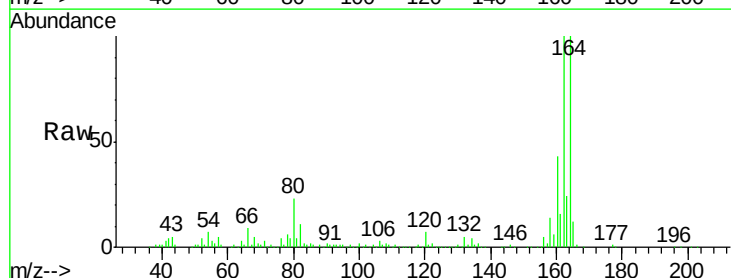
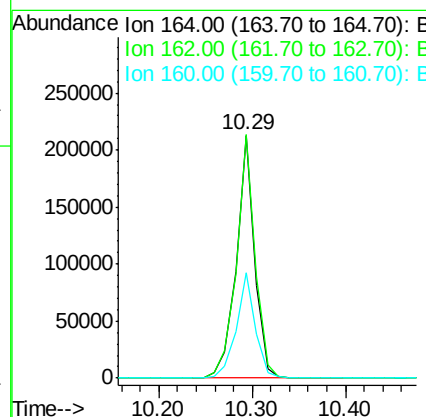
Manual Integrations
APPROVED

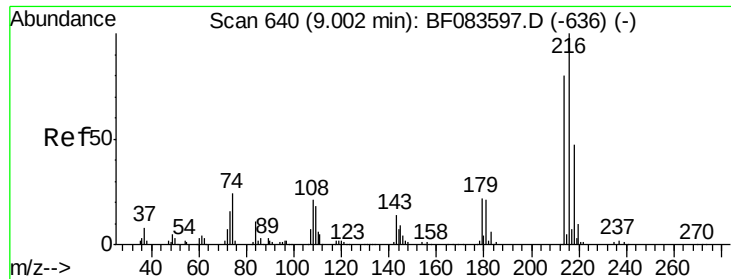
MMdadoda
12/11/2015 6:01:41 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.29 min Scan# 753
Delta R.T. -0.09 min
Lab File: BF083690.D
Acq: 10 Dec 2015 22:01

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.3	78.8	118.2
160	43.5	33.4	50.2





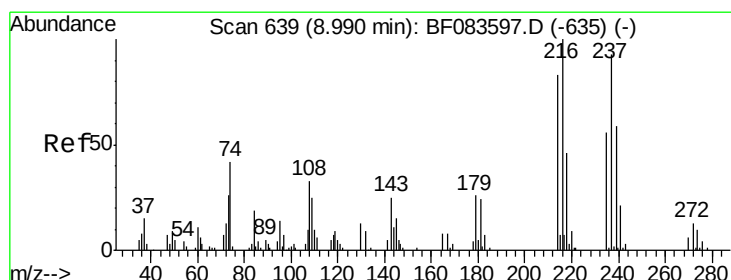
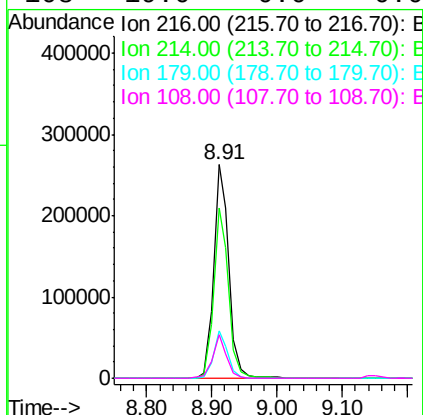
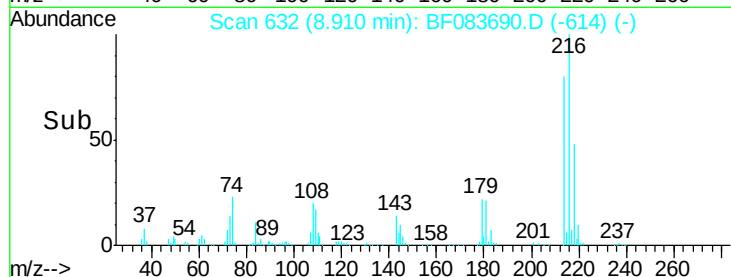
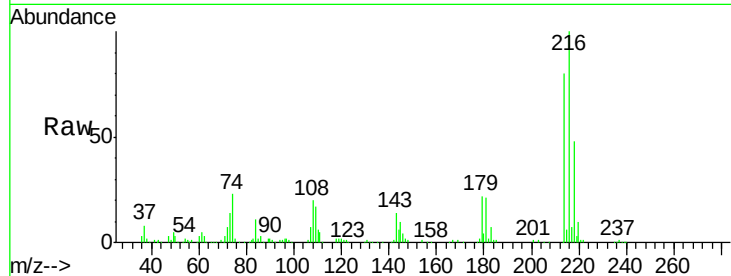
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.12 ng
 RT: 8.91 min Scan# 632
 Delta R.T. -0.09 min
 Lab File: BF083690.D
 Acq: 10 Dec 2015 22:01

Instrument :
 BNA_F
 ClientSampleId :
 SB-04MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		433221		
214	78.5	0.0	0.0#		
179	20.9	0.0	0.0#		
108	19.0	0.0	0.0#		

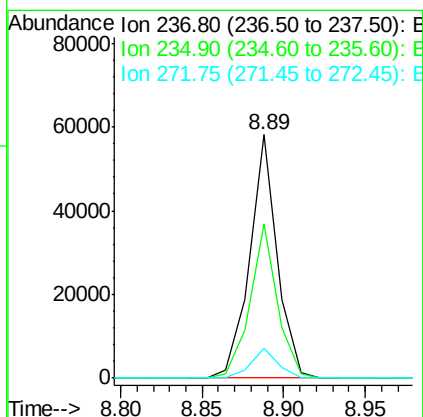
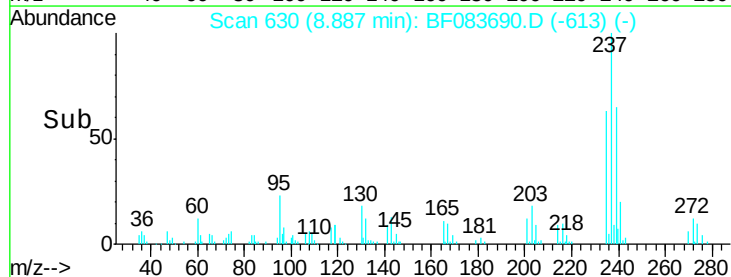
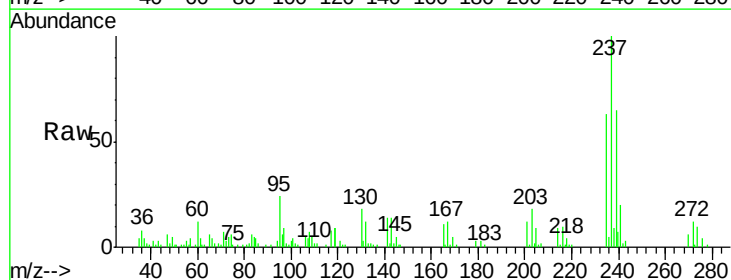
Manual Integrations
 APPROVED

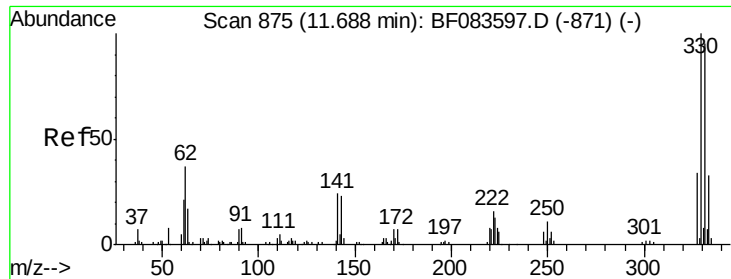
MMdadoda
 12/11/2015 6:01:41 PM



#40
 Hexachlorocyclopentadiene
 Concen: 46.55 ng
 RT: 8.89 min Scan# 630
 Delta R.T. -0.10 min
 Lab File: BF083690.D
 Acq: 10 Dec 2015 22:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		67930		
235	63.3	43.9	83.9		
272	12.1	0.0	31.8		





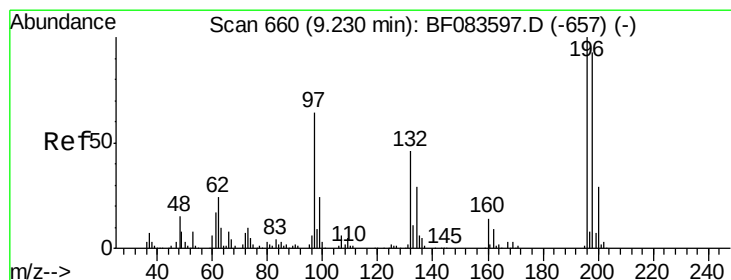
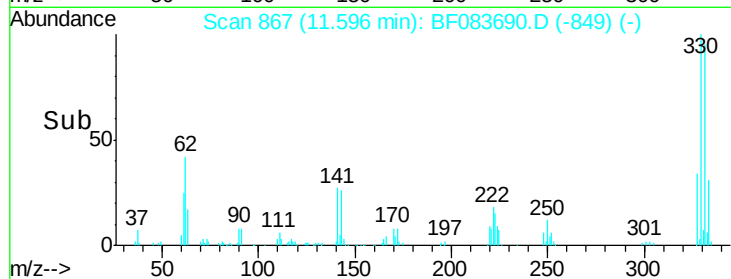
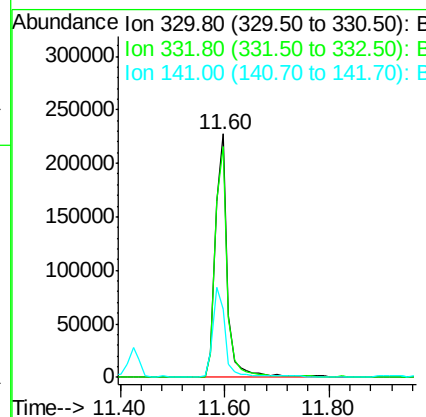
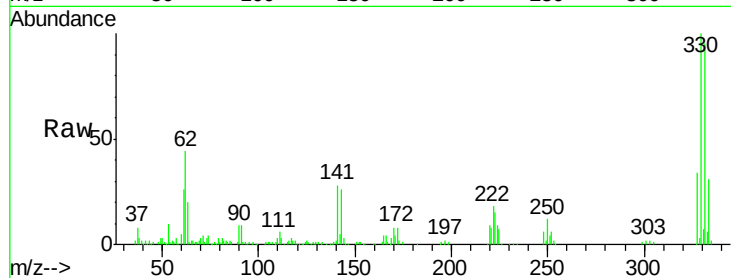
#41
 2,4,6-Tribromophenol
 Concen: 140.05 ng
 RT: 11.60 min Scan# 867
 Delta R.T. -0.09 min
 Lab File: BF083690.D
 Acq: 10 Dec 2015 22:01

Instrument :
 BNA_F
 ClientSampleId :
 SB-04MS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	364943		
332	96.6	0.0	0.0	0.0
141	38.0	0.0	0.0	0.0

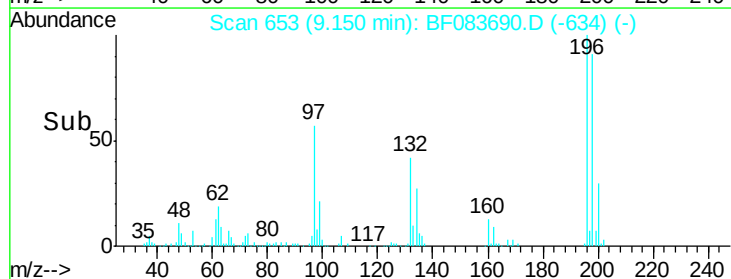
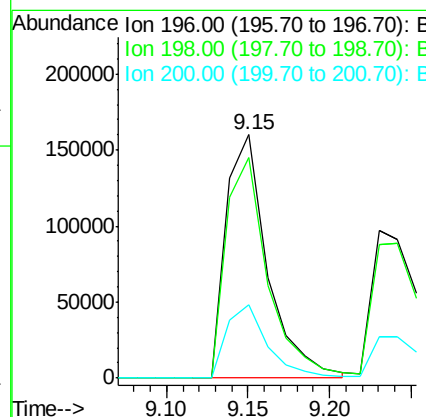
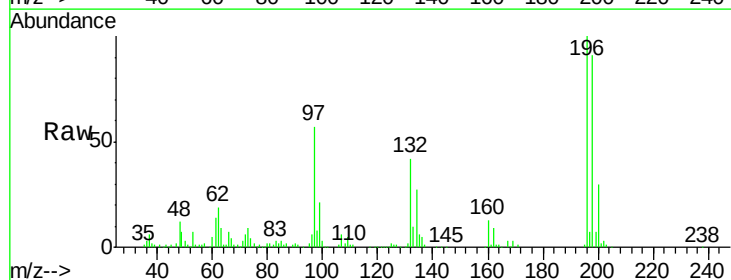
Manual Integrations
 APPROVED

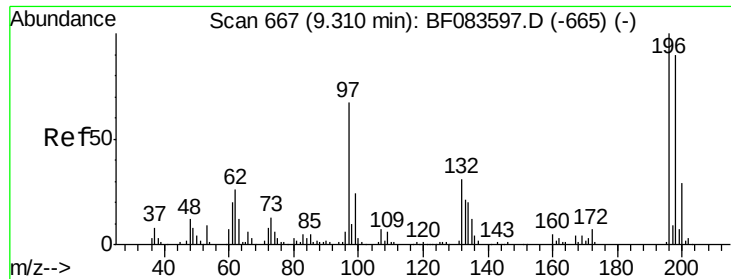
MMdadoda
 12/11/2015 6:01:41 PM



#42
 2,4,6-Trichlorophenol
 Concen: 49.30 ng
 RT: 9.15 min Scan# 653
 Delta R.T. -0.08 min
 Lab File: BF083690.D
 Acq: 10 Dec 2015 22:01

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	281721		
198	90.6	75.2	112.8	
200	29.9	23.0	34.6	





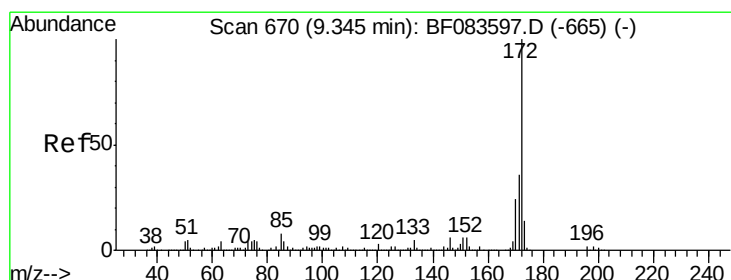
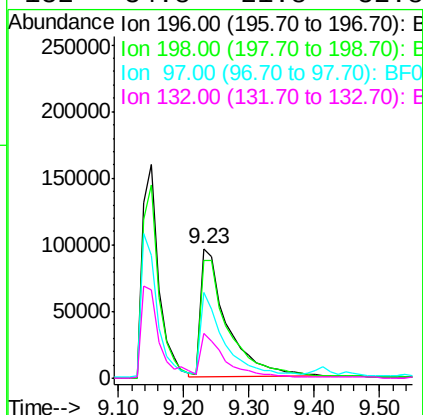
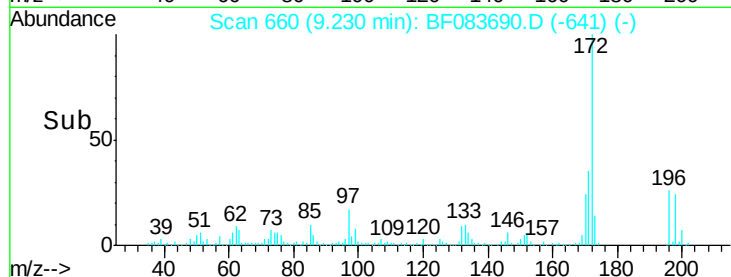
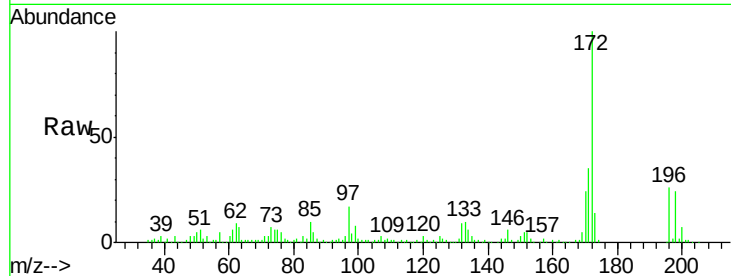
#43
 2,4,5-Trichlorophenol
 Concen: 47.93 ng
 RT: 9.23 min Scan# 660
 Delta R.T. -0.08 min
 Lab File: BF083690.D
 Acq: 10 Dec 2015 22:01

Instrument :
 BNA_F
 ClientSampled :
 SB-04MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	271122		
198	90.7	77.7	116.5	
97	66.0	41.2	61.8	#
132	34.8	21.8	32.8	#

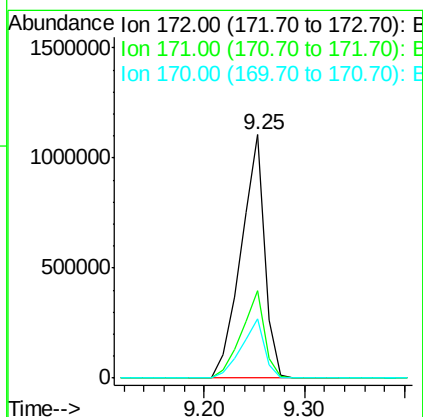
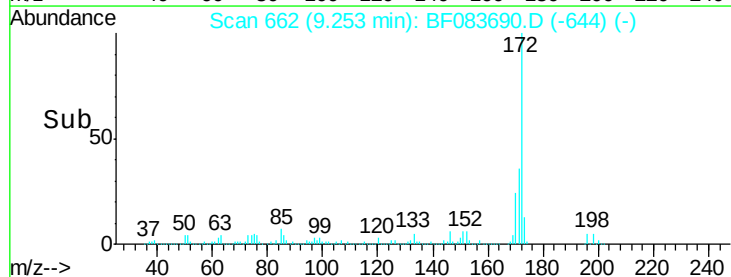
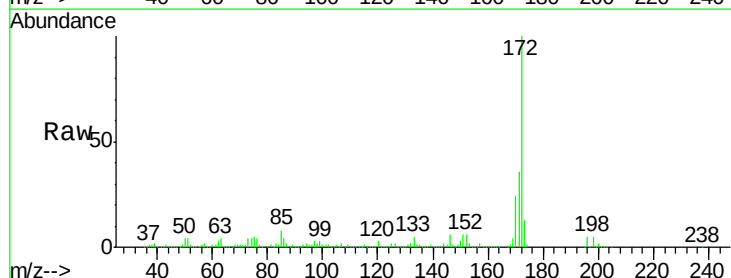
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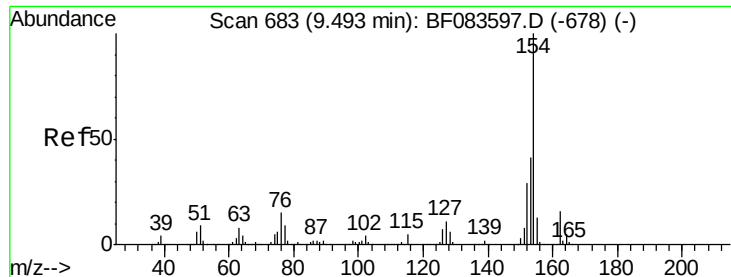
MMdadoda
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#44
 2-Fluorobiphenyl
 Concen: 86.52 ng
 RT: 9.25 min Scan# 662
 Delta R.T. -0.09 min
 Lab File: BF083690.D
 Acq: 10 Dec 2015 22:01

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1798014		
171	36.1	28.6	42.8	
170	24.4	19.4	29.0	





#45

1,1'-Biphenyl

Concen: 43.58 ng

RT: 9.40 min Scan# 675

Delta R.T. -0.09 min

Lab File: BF083690.D

Acq: 10 Dec 2015 22:01

Instrument :

BNA_F

ClientSampleId :

SB-04MS

Tot Ion:154 Resp: 1108001

Ion Ratio Lower Upper

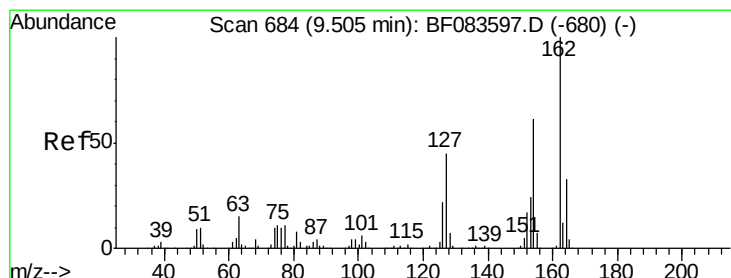
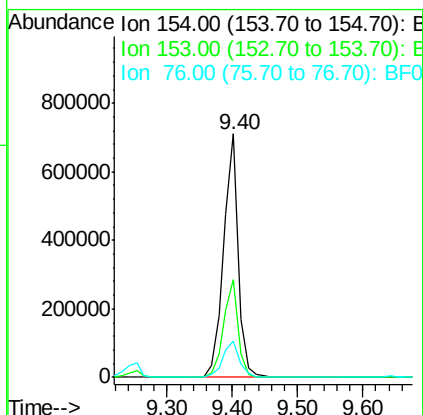
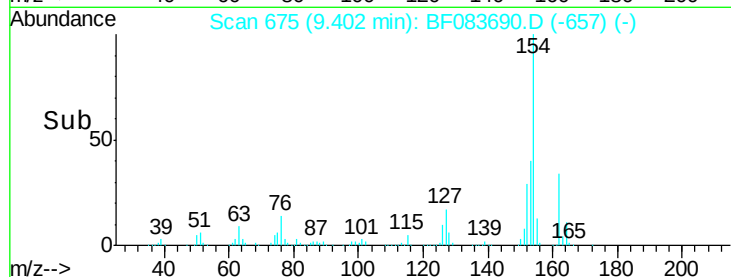
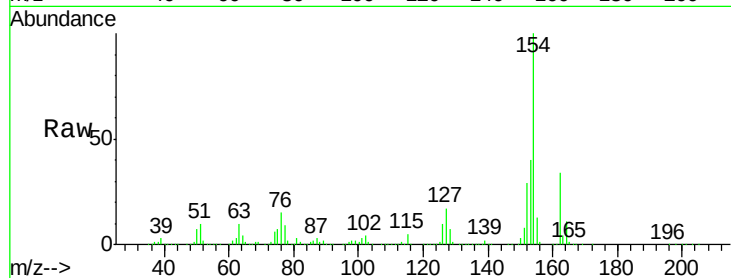
154 100

153 40.1 20.2 60.2

76 15.0 0.0 34.8

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#46

2-Chloronaphthalene

Concen: 45.86 ng

RT: 9.41 min Scan# 676

Delta R.T. -0.09 min

Lab File: BF083690.D

Acq: 10 Dec 2015 22:01

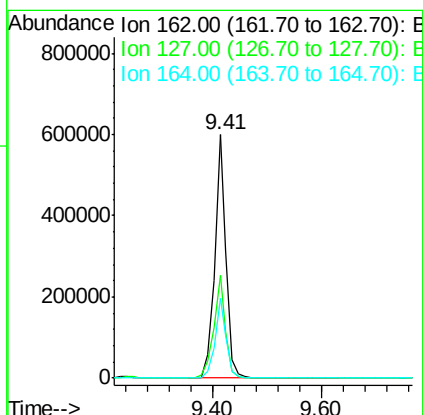
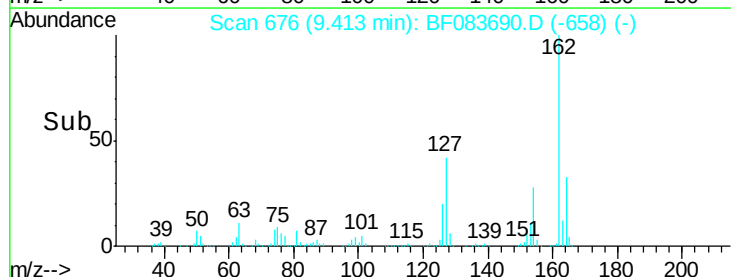
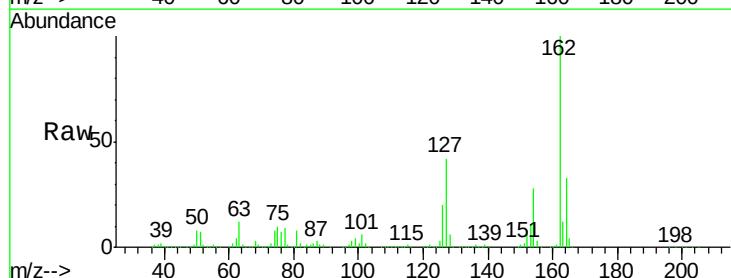
Tgt Ion:162 Resp: 880217

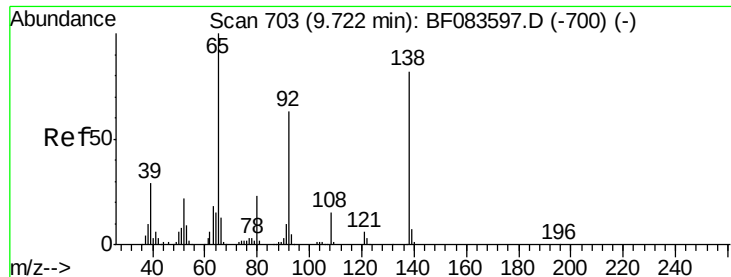
Ion Ratio Lower Upper

162 100

127 42.3 31.0 46.4

164 32.7 27.4 41.0





#47

2-Nitroaniline

Concen: 52.25 ng

RT: 9.64 min Scan# 696

Delta R.T. -0.08 min

Lab File: BF083690.D

Acq: 10 Dec 2015 22:01

Instrument :

BNA_F

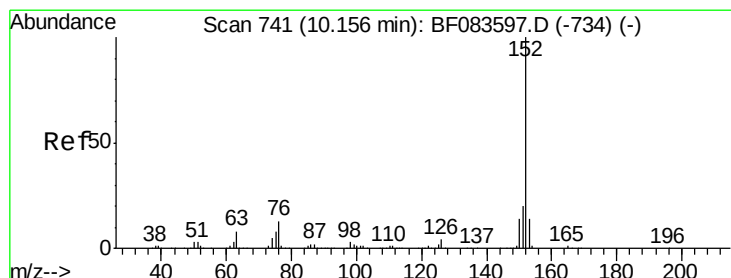
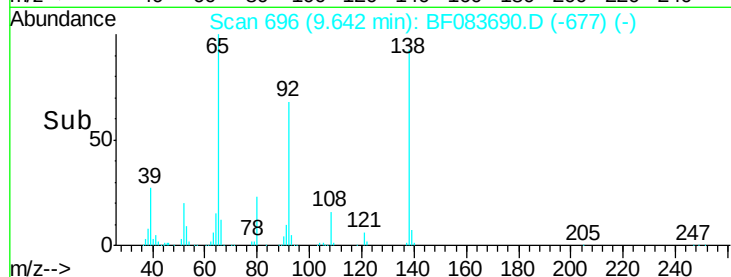
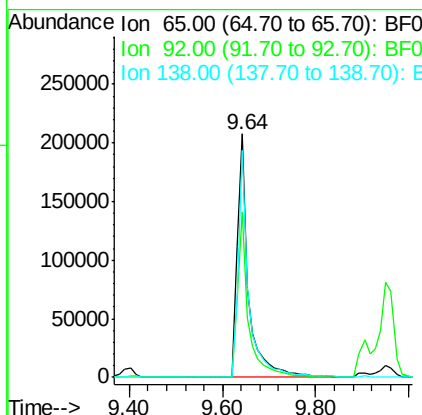
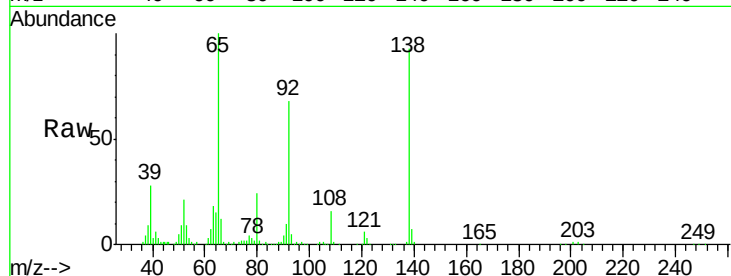
ClientSampleId :

SB-04MS

Tot Ion:	65	Resp:	361684
Ion Ratio	Lower	Upper	
65	100		
92	68.2	49.6	74.4
138	93.5	64.1	96.1

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#48

Acenaphthylene

Concen: 43.70 ng

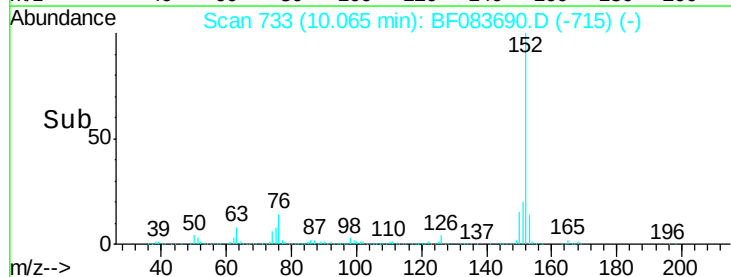
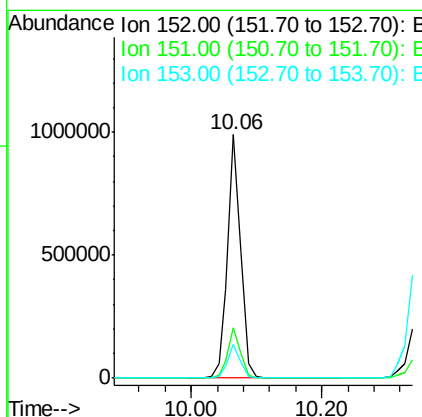
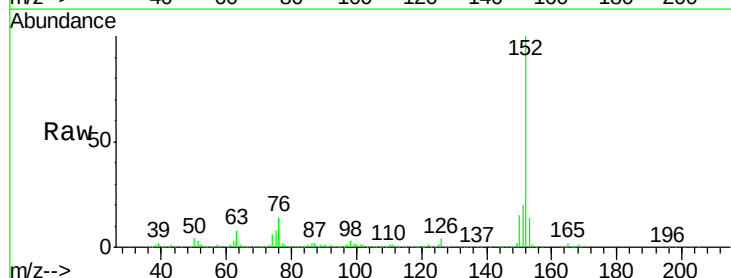
RT: 10.06 min Scan# 733

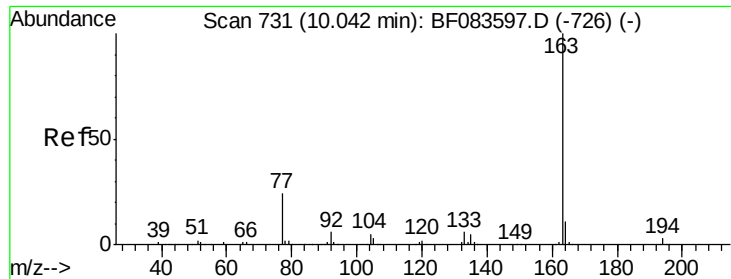
Delta R.T. -0.09 min

Lab File: BF083690.D

Acq: 10 Dec 2015 22:01

Tgt Ion:	152	Resp:	1383115
Ion Ratio	Lower	Upper	
152	100		
151	20.4	16.3	24.5
153	13.9	10.8	16.2





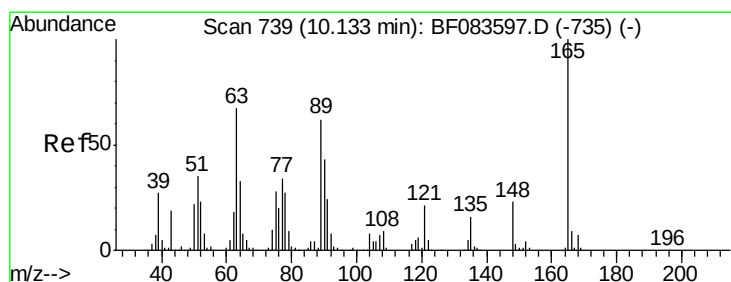
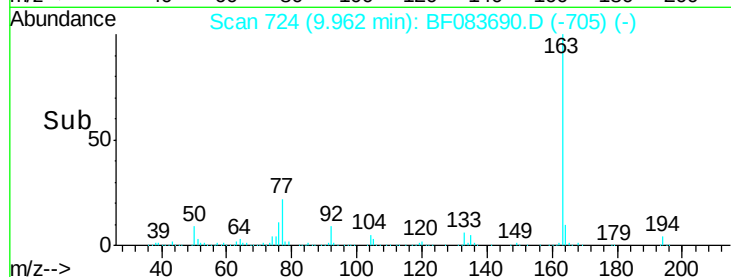
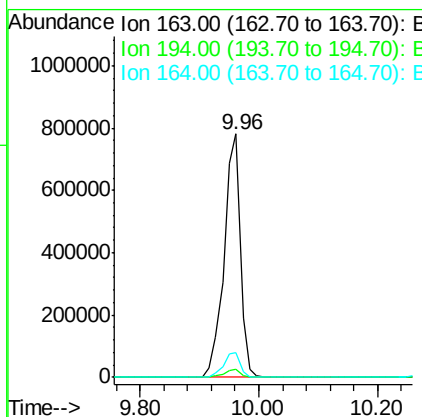
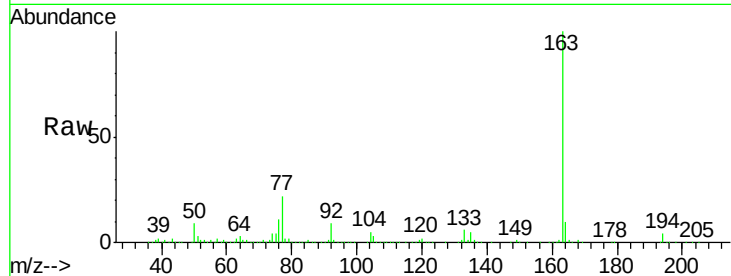
#49
Dimethylphthalate
Concen: 63.81 ng
RT: 9.96 min Scan# 724
Delta R.T. -0.08 min
Lab File: BF083690.D
Acq: 10 Dec 2015 22:01

Instrument :
BNA_F
ClientSampleId :
SB-04MS

Tot Ion:163 Resp: 1485592
Ion Ratio Lower Upper
163 100
194 3.5 2.8 4.2
164 10.3 8.6 13.0

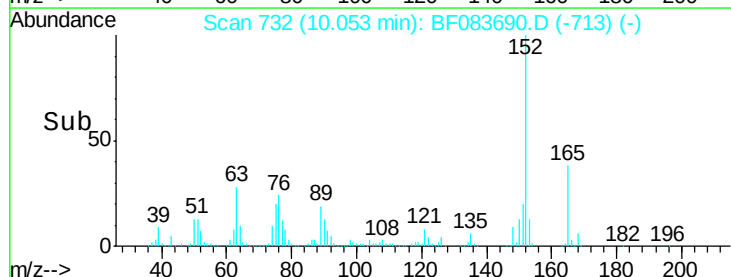
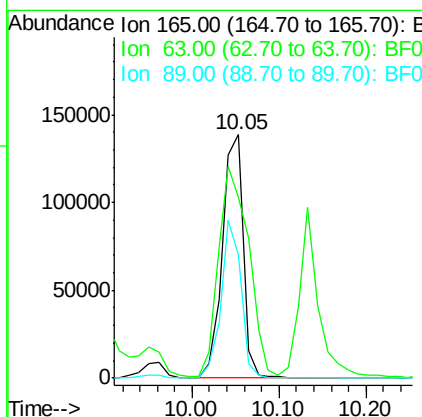
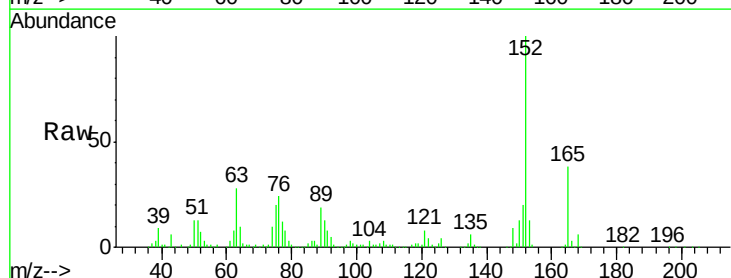
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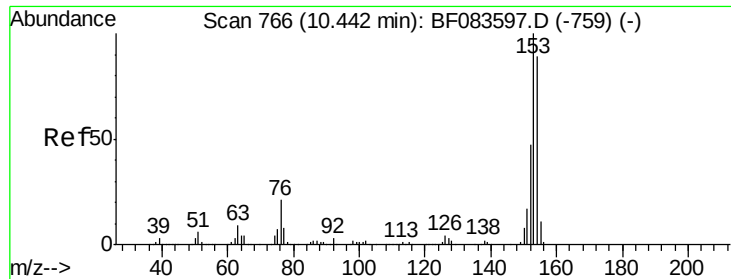
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#50
2,6-Dinitrotoluene
Concen: 48.44 ng
RT: 10.05 min Scan# 732
Delta R.T. -0.08 min
Lab File: BF083690.D
Acq: 10 Dec 2015 22:01

Tgt Ion:165 Resp: 232837
Ion Ratio Lower Upper
165 100
63 74.2 56.9 85.3
89 50.4 52.1 78.1#





#51

Acenaphthene

Concen: 45.27 ng

RT: 10.35 min Scan# 758

Delta R.T. -0.09 min

Lab File: BF083690.D

Acq: 10 Dec 2015 22:01

Instrument :

BNA_F

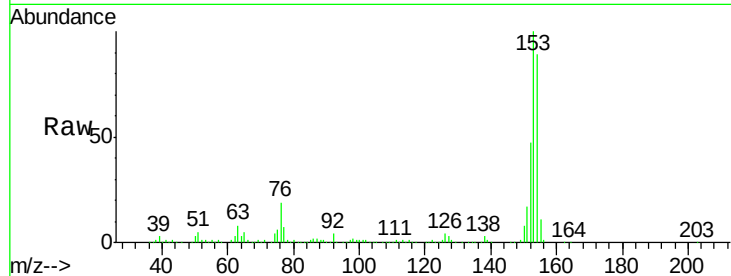
ClientSampleId :

SB-04MS

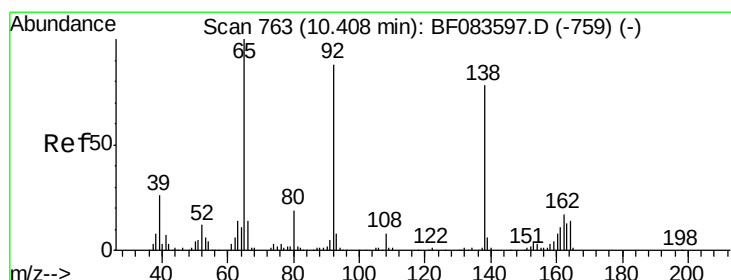
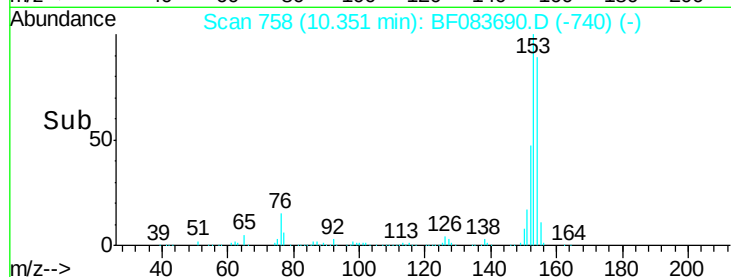
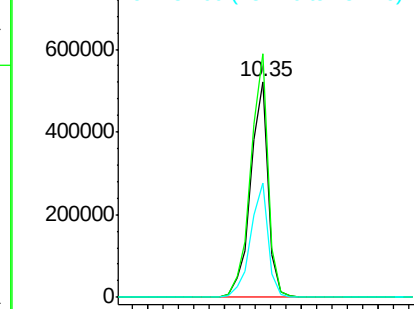
Tot Ion:	154	Resp:	820330
Ion Ratio	Lower	Upper	
154	100		
153	112.8	91.4	137.0
152	53.2	43.4	65.2

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 21.88 ng

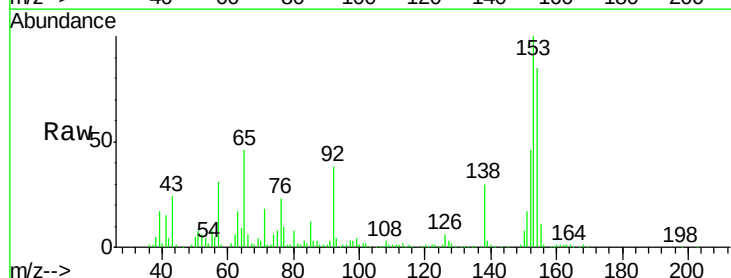
RT: 10.33 min Scan# 756

Delta R.T. -0.08 min

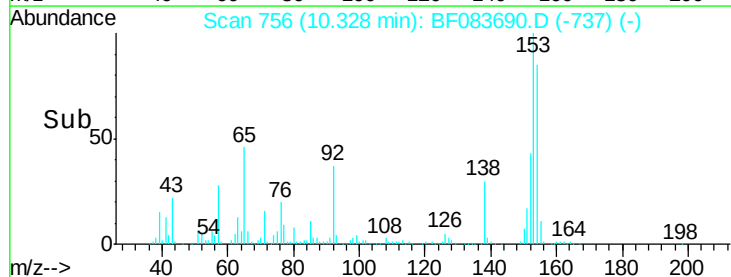
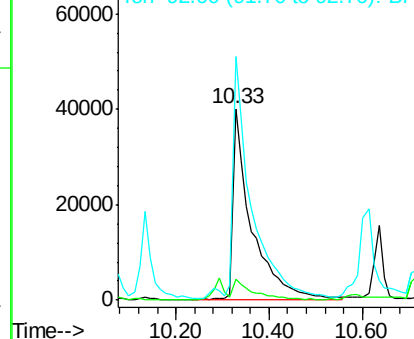
Lab File: BF083690.D

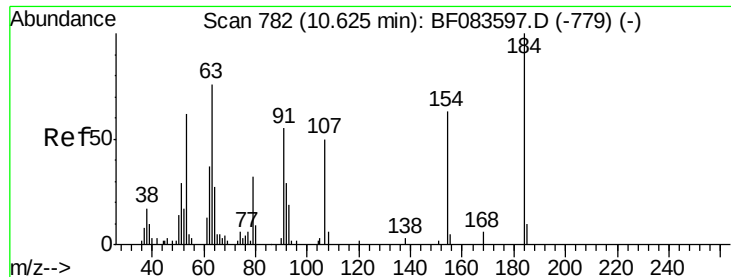
Acq: 10 Dec 2015 22:01

Tgt Ion:	138	Resp:	111787
Ion Ratio	Lower	Upper	
138	100		
108	11.2	9.9	14.9
92	127.2	113.8	170.8



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





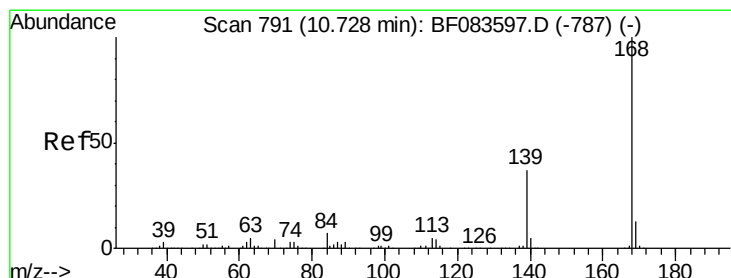
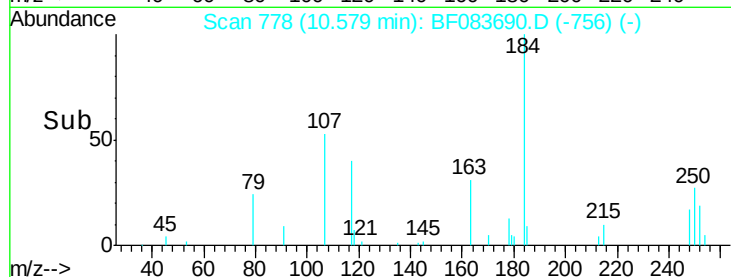
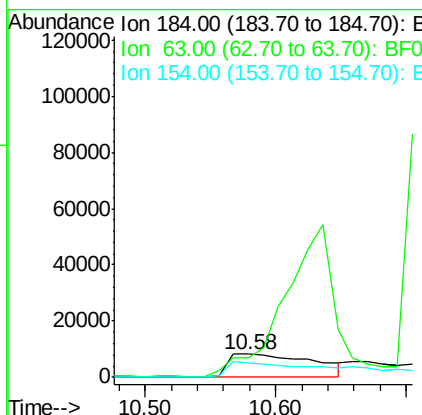
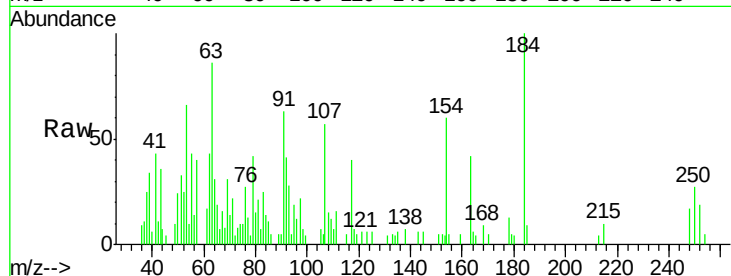
#53
2,4-Dinitrophenol
Concen: 20.46 ng
RT: 10.58 min Scan# 778
Delta R.T. -0.05 min
Lab File: BF083690.D
Acq: 10 Dec 2015 22:01

Instrument :
BNA_F
ClientSampleId :
SB-04MS

Tot Ion	Ratio	Lower	Upper
184	100		
63	85.8	62.4	93.6
154	59.9	46.6	69.8

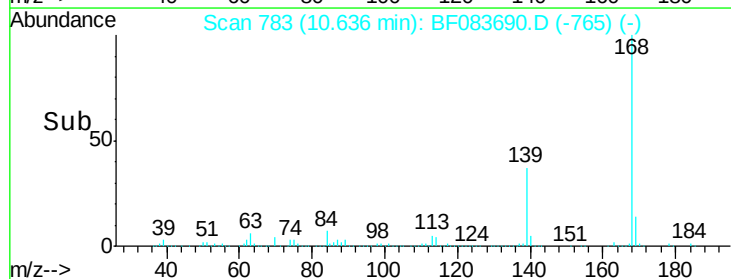
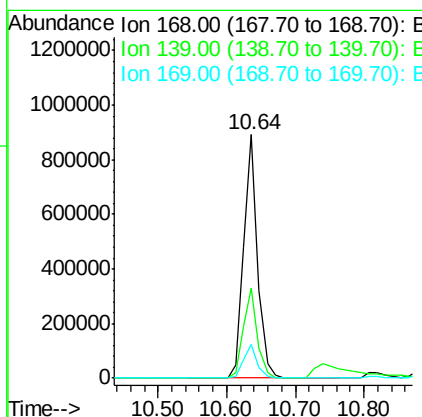
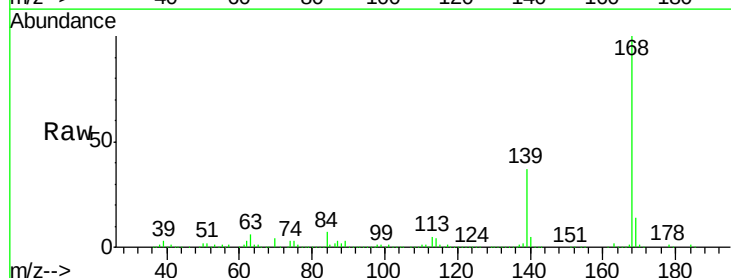
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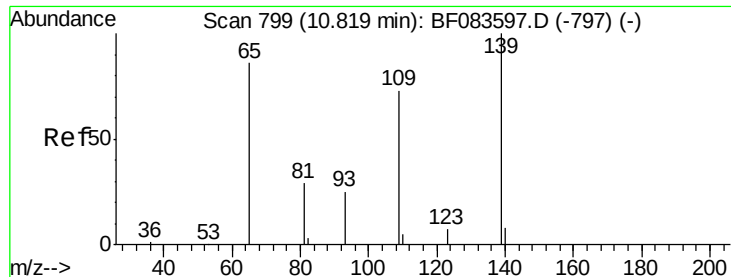
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#54
Dibenzofuran
Concen: 49.66 ng
RT: 10.64 min Scan# 783
Delta R.T. -0.09 min
Lab File: BF083690.D
Acq: 10 Dec 2015 22:01

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.2	28.0	42.0
169	13.8	10.8	16.2





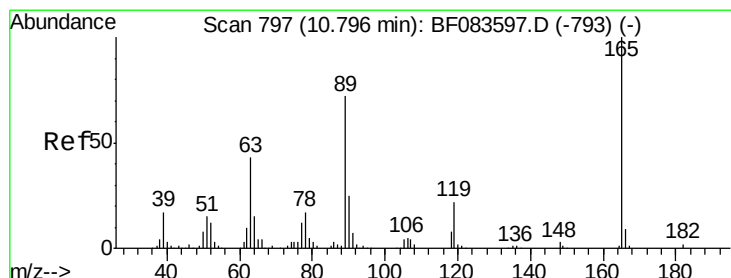
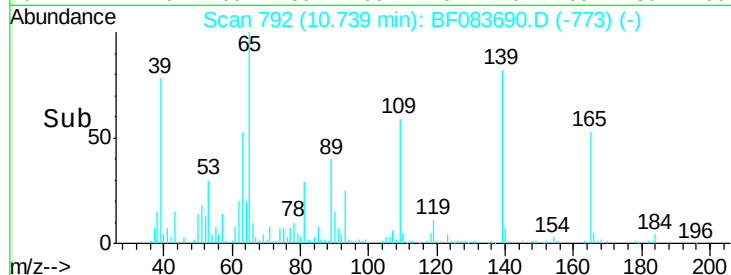
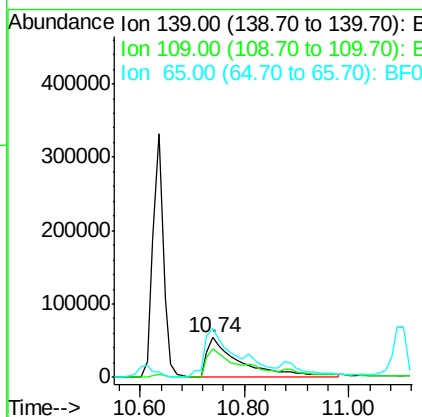
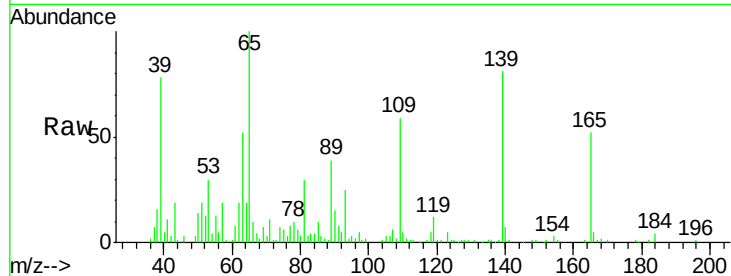
#55
4-Nitrophenol
Concen: 103.52 ng
RT: 10.74 min Scan# 792
Delta R.T. -0.08 min
Lab File: BF083690.D
Acq: 10 Dec 2015 22:01

Instrument :
BNA_F
ClientSampled :
SB-04MS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	232844		
109	72.9	42.0	82.0	
65	123.6	89.2	129.2	

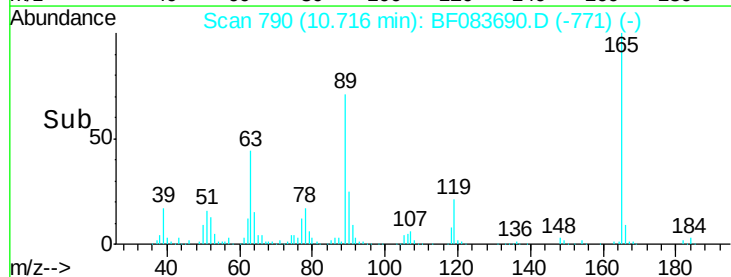
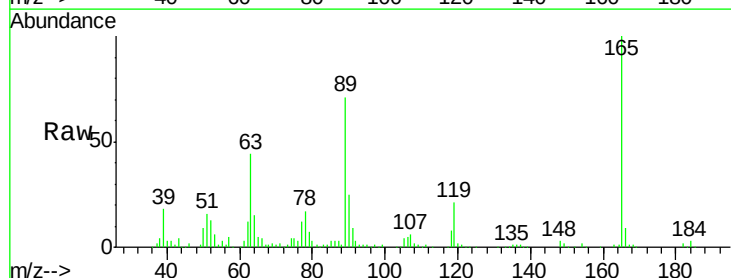
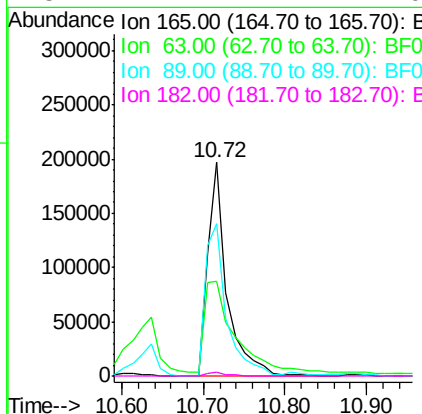
Manual Integrations
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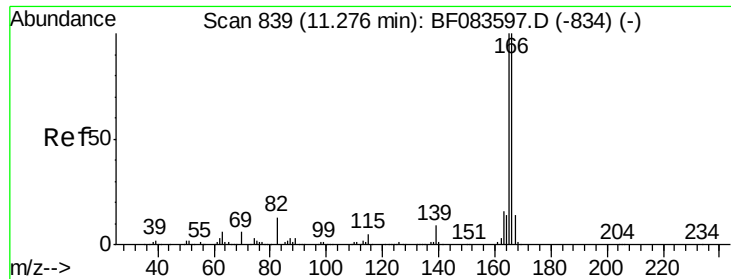
MMdadoda
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#56
2,4-Dinitrotoluene
Concen: 50.79 ng
RT: 10.72 min Scan# 790
Delta R.T. -0.08 min
Lab File: BF083690.D
Acq: 10 Dec 2015 22:01

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	323828		
63	44.3	51.4	77.2#	
89	71.1	72.6	108.8#	
182	2.1	1.4	2.0#	





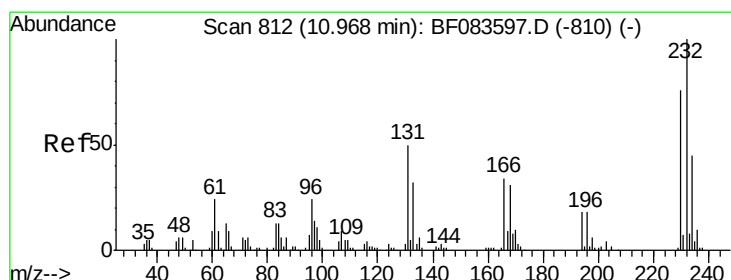
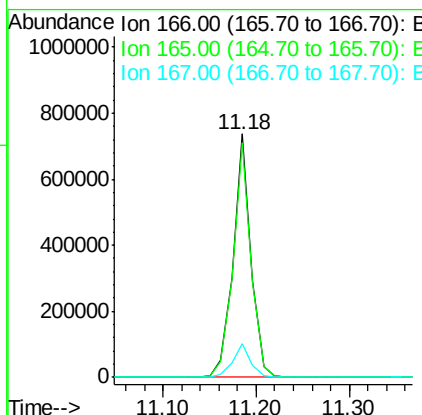
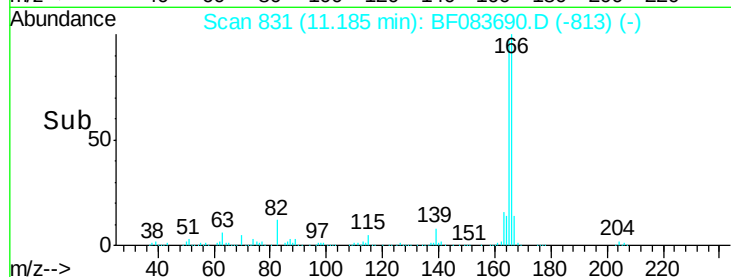
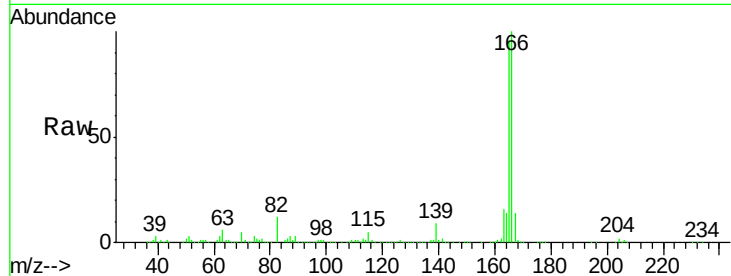
#57
Fluorene
Concen: 44.58 ng
RT: 11.18 min Scan# 831
Delta R.T. -0.09 min
Lab File: BF083690.D
Acq: 10 Dec 2015 22:01

Instrument :
BNA_F
ClientSampleId :
SB-04MS

Tot Ion	Ratio	Lower	Upper
166	100		
165	96.5	80.0	120.0
167	13.8	10.6	16.0

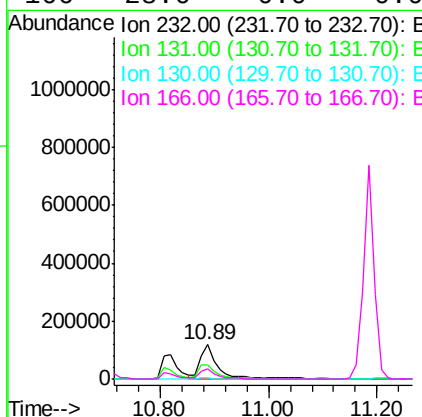
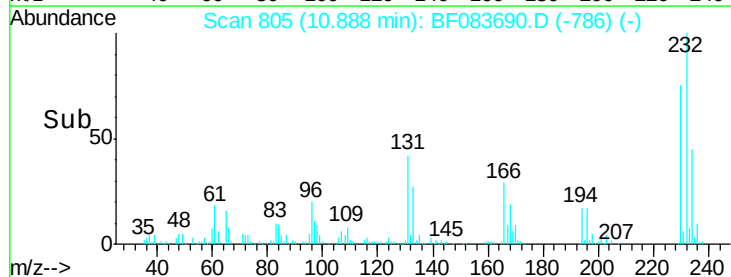
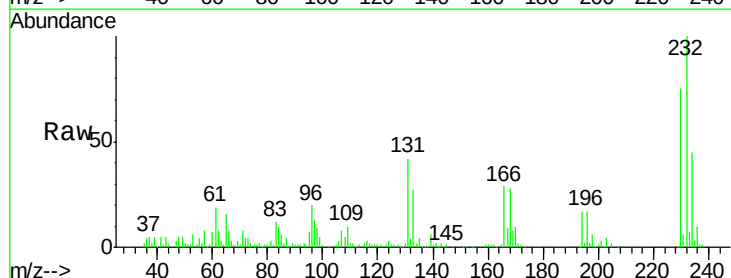
Manual Integrations
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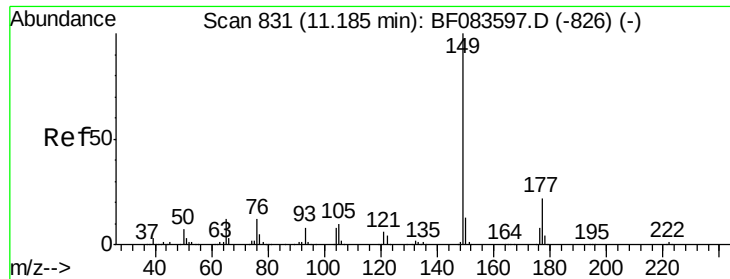
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#58
2,3,4,6-Tetrachlorophenol
Concen: 55.77 ng
RT: 10.89 min Scan# 805
Delta R.T. -0.08 min
Lab File: BF083690.D
Acq: 10 Dec 2015 22:01

Tgt Ion	Ratio	Lower	Upper
232	100		
131	44.6	0.0	0.0#
130	2.3	0.0	0.0#
166	28.6	0.0	0.0#





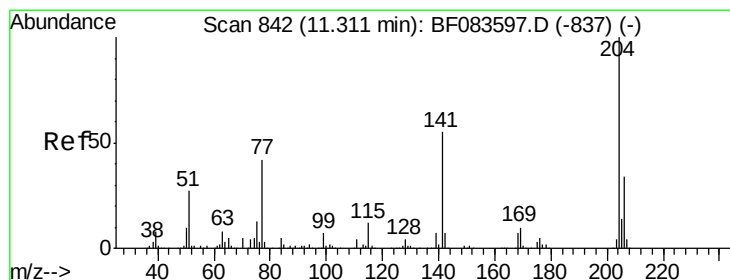
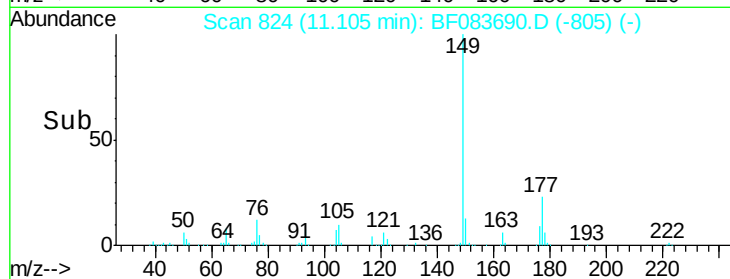
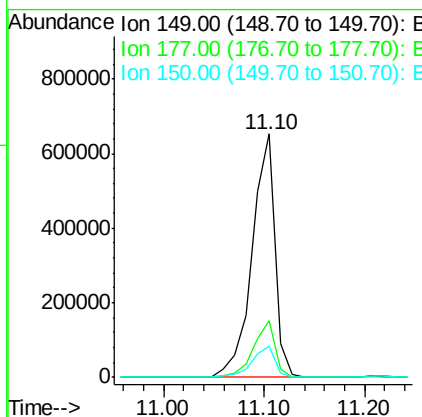
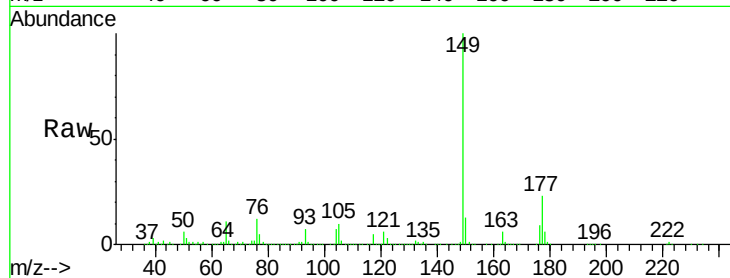
#59
Diethylphthalate
Concen: 45.50 ng
RT: 11.10 min Scan# 824
Delta R.T. -0.08 min
Lab File: BF083690.D
Acq: 10 Dec 2015 22:01

Instrument :
BNA_F
ClientSampleId :
SB-04MS

Tot Ion	Ion	Ratio	Lower	Upper
149	100			
177	23.3	16.9	25.3	
150	12.7	10.2	15.4	

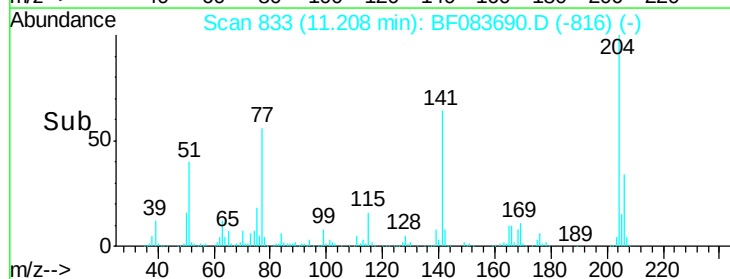
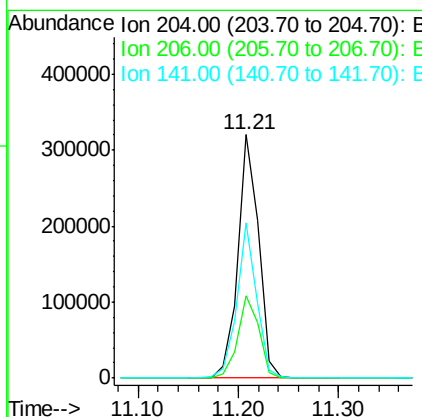
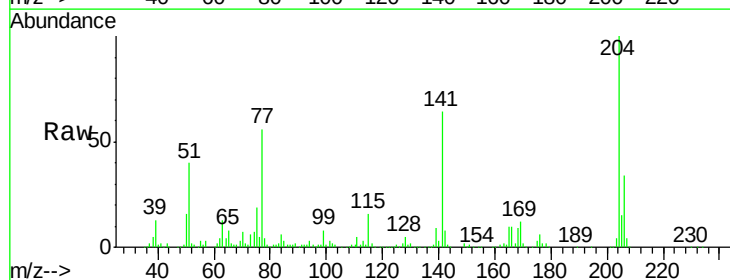
Manual Integrations
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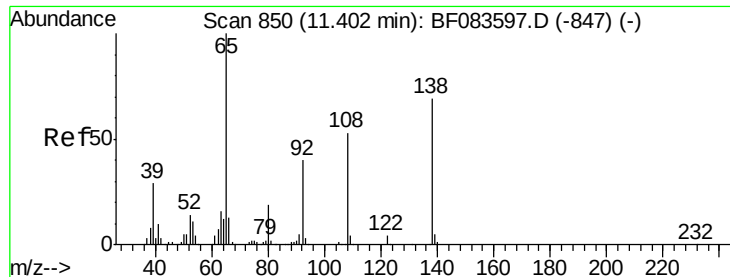
MMdadoda
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#60
4-Chlorophenyl-phenylether
Concen: 43.79 ng
RT: 11.21 min Scan# 833
Delta R.T. -0.10 min
Lab File: BF083690.D
Acq: 10 Dec 2015 22:01

Tgt Ion	Ion	Ratio	Lower	Upper
204	100			
206	33.6	27.3	40.9	
141	63.9	51.9	77.9	





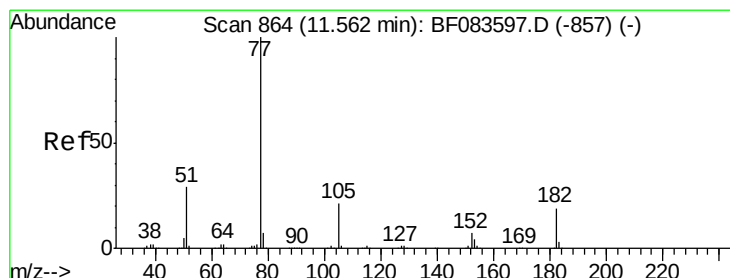
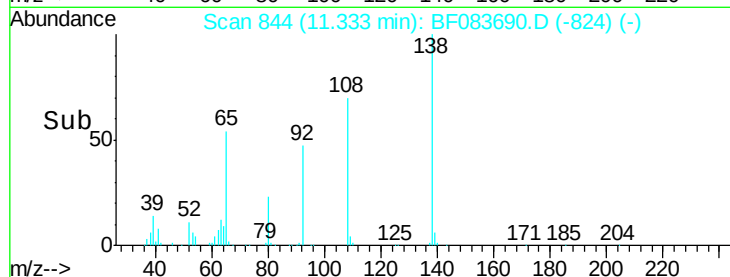
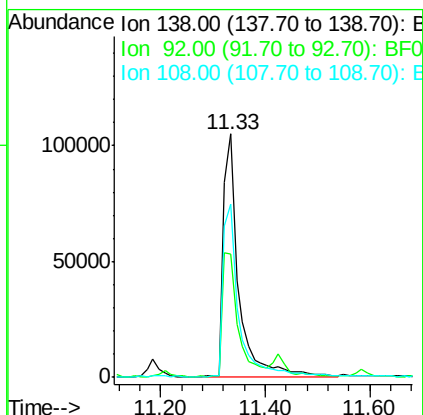
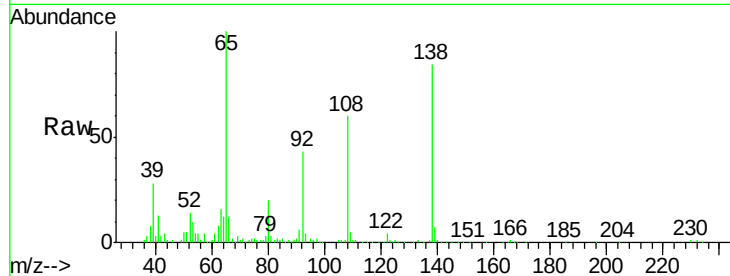
#61
4-Nitroaniline
Concen: 46.74 ng
RT: 11.33 min Scan# 844
Delta R.T. -0.07 min
Lab File: BF083690.D
Acq: 10 Dec 2015 22:01

Instrument :
BNA_F
ClientSampled :
SB-04MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	50.8	29.0	69.0
108	71.0	47.4	87.4

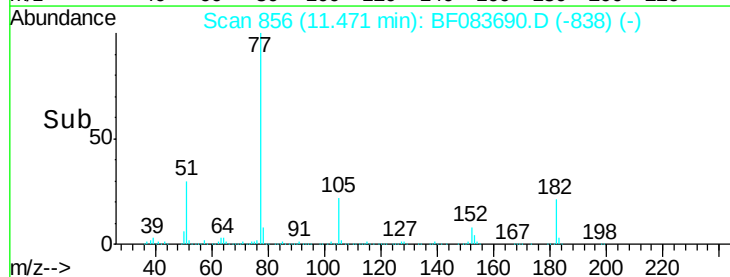
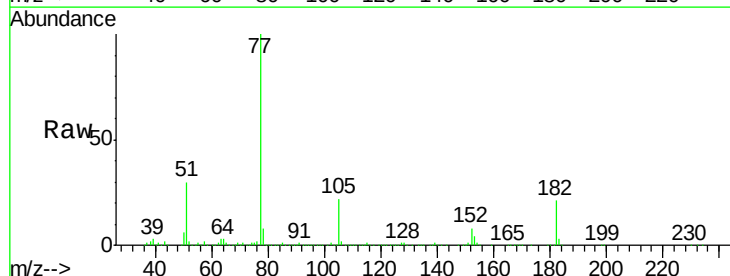
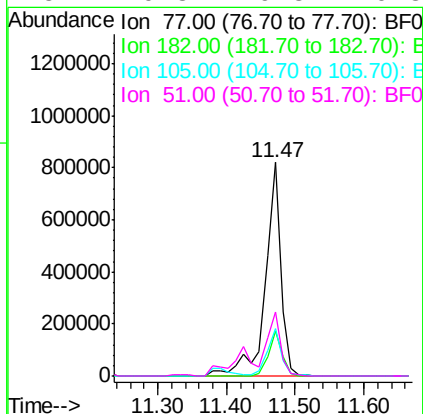
Manual Integrations
APPROVED

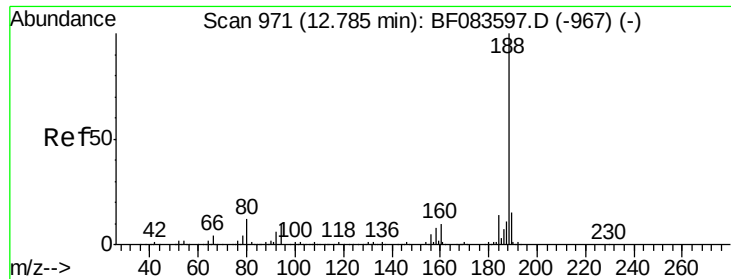
MMdadoda
12/11/2015 6:01:41 PM



#62
Azobenzene
Concen: 51.73 ng
RT: 11.47 min Scan# 856
Delta R.T. -0.09 min
Lab File: BF083690.D
Acq: 10 Dec 2015 22:01

Tgt Ion	Ratio	Lower	Upper
77	100		
182	21.2	2.5	42.5
105	22.0	2.1	42.1
51	29.8	9.3	49.3





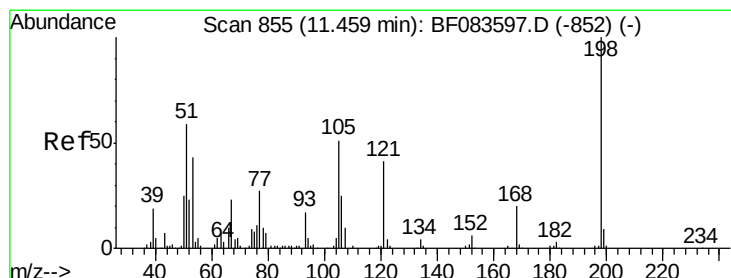
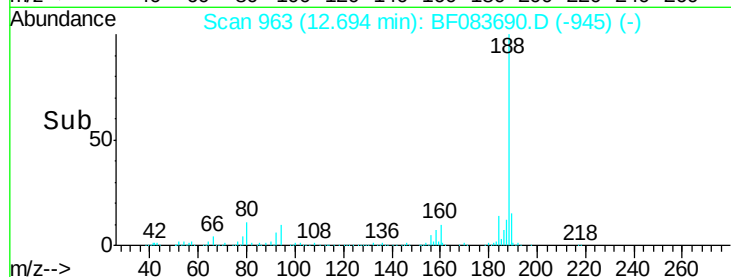
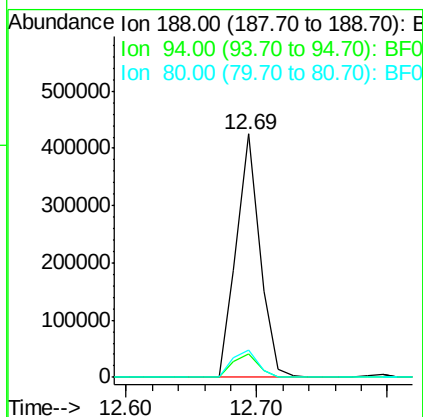
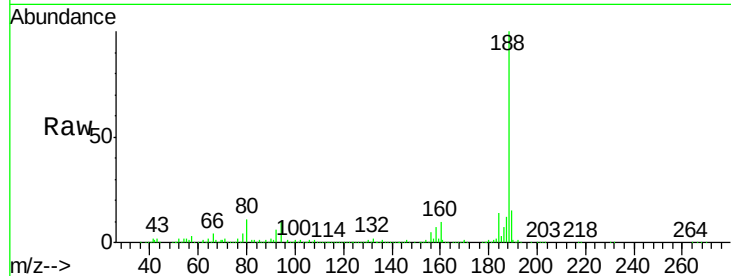
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.69 min Scan# 963
Delta R.T. -0.09 min
Lab File: BF083690.D
Acq: 10 Dec 2015 22:01

Instrument :
BNA_F
ClientSampleId :
SB-04MS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	536489		
94	9.7		9.4	14.2
80	11.0		10.6	16.0

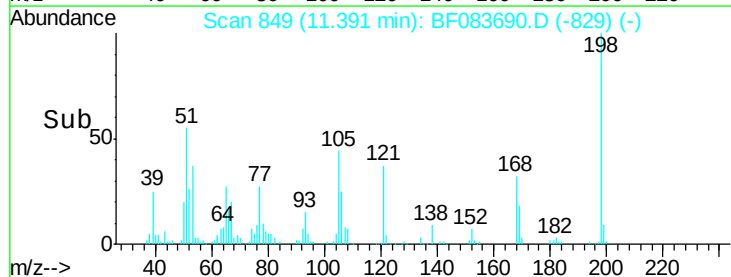
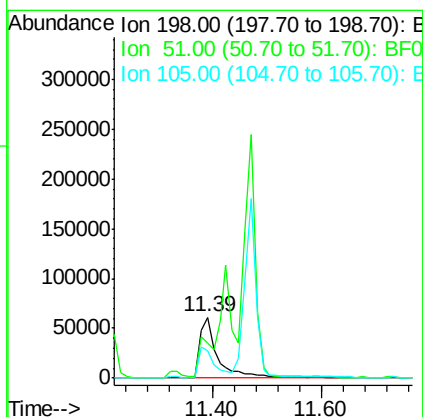
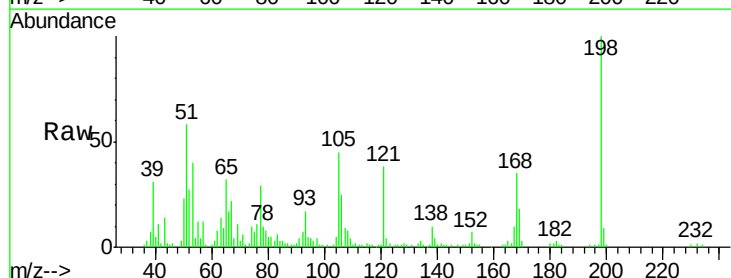
Manual Integrations
APPROVED

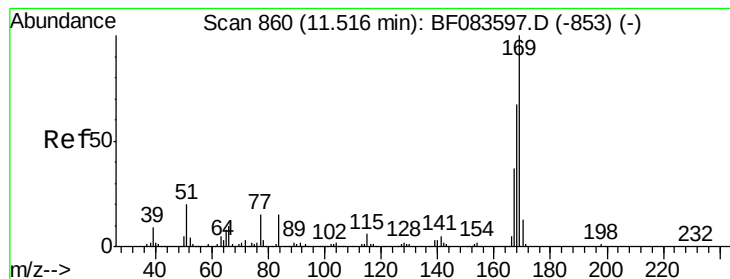
MMdadoda
12/11/2015 6:01:41 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 39.16 ng
RT: 11.39 min Scan# 849
Delta R.T. -0.07 min
Lab File: BF083690.D
Acq: 10 Dec 2015 22:01

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	141787		
51	58.3		53.8	93.8
105	45.1		38.6	78.6





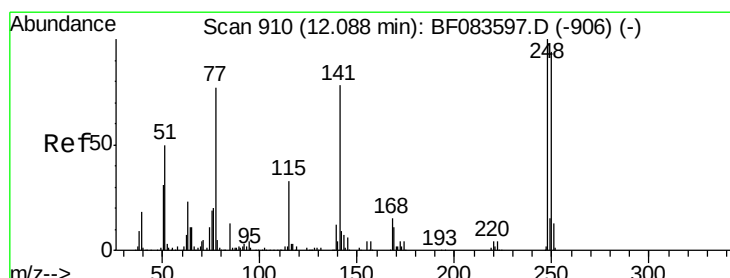
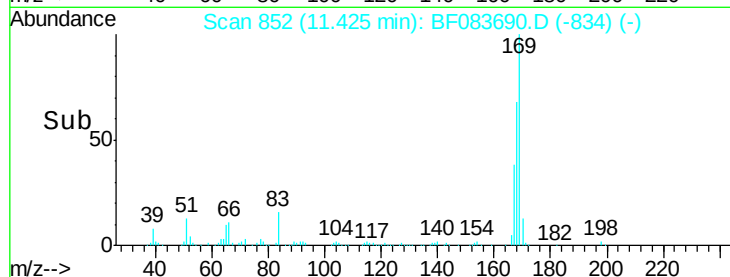
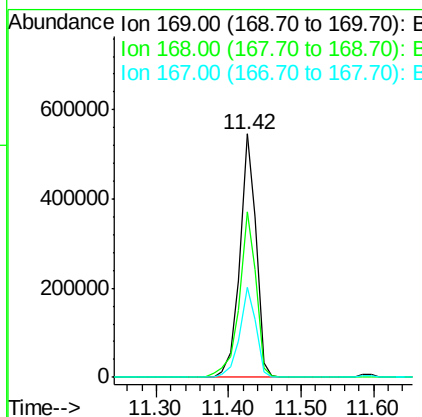
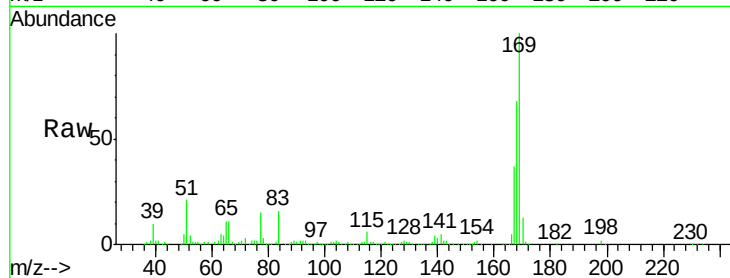
#65
n-Nitrosodiphenylamine
Concen: 47.94 ng
RT: 11.42 min Scan# 852
Delta R.T. -0.09 min
Lab File: BF083690.D
Acq: 10 Dec 2015 22:01

Instrument :
BNA_F
ClientSampleId :
SB-04MS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	848862		
168	68.1	53.0	79.6	
167	36.7	29.3	43.9	

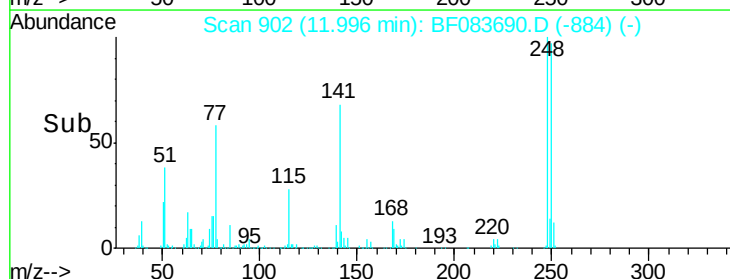
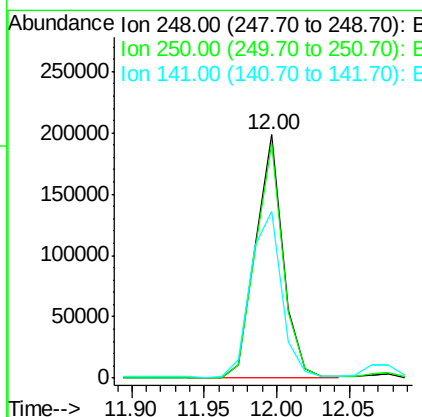
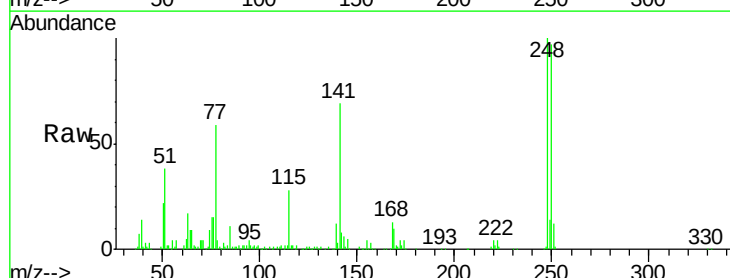
Manual Integrations
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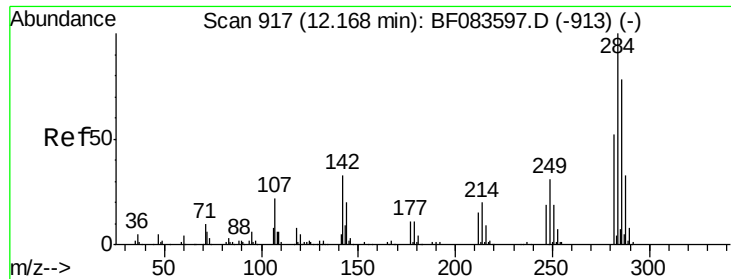
MMdadoda
12/11/2015 6:01:41 PM



#66
4-Bromophenyl-phenylether
Concen: 43.89 ng
RT: 12.00 min Scan# 902
Delta R.T. -0.09 min
Lab File: BF083690.D
Acq: 10 Dec 2015 22:01

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	262618		
250	96.6	79.2	118.8	
141	68.6	58.2	87.4	





#67

Hexachlorobenzene

Concen: 44.91 ng

RT: 12.08 min Scan# 909

Delta R.T. -0.09 min

Lab File: BF083690.D

Acq: 10 Dec 2015 22:01

Instrument :

BNA_F

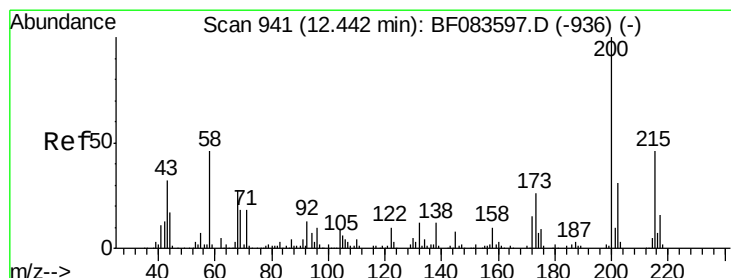
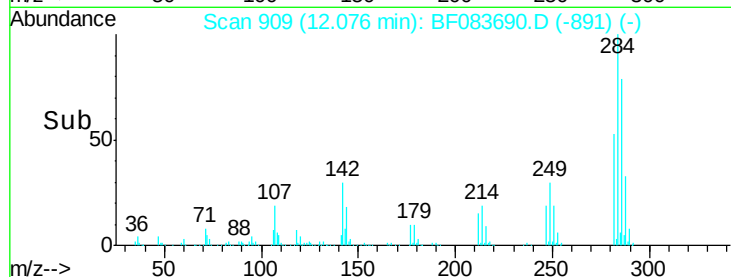
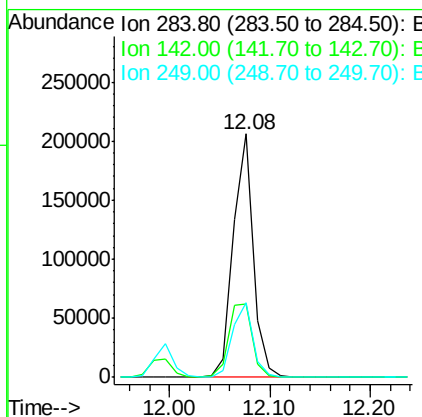
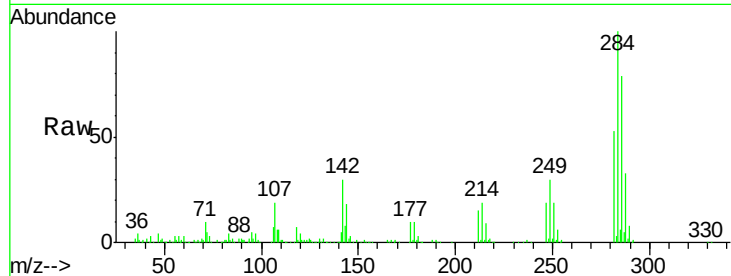
ClientSampled :

SB-04MS

Tot Ion:	284	Resp:	285086
Ion Ratio		Lower	Upper
284	100		
142	30.1	31.0	46.4#
249	30.4	26.9	40.3

Manual Integrations
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#68

Atrazine

Concen: 51.65 ng

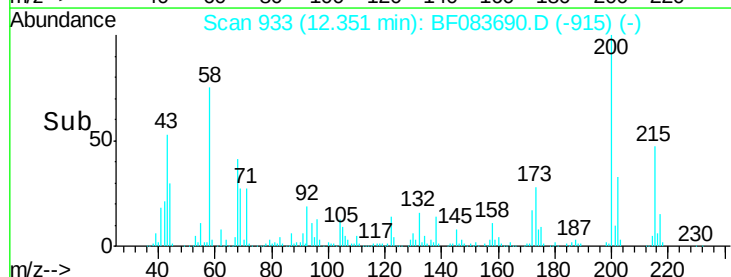
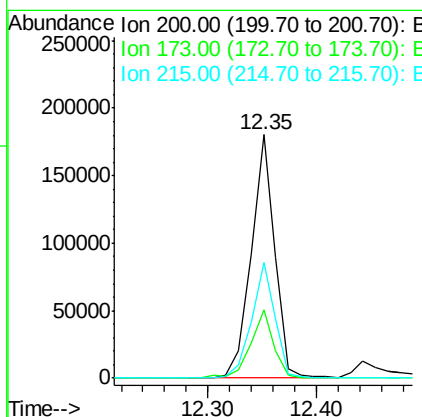
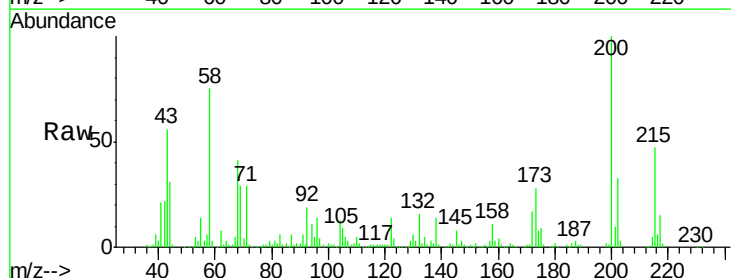
RT: 12.35 min Scan# 933

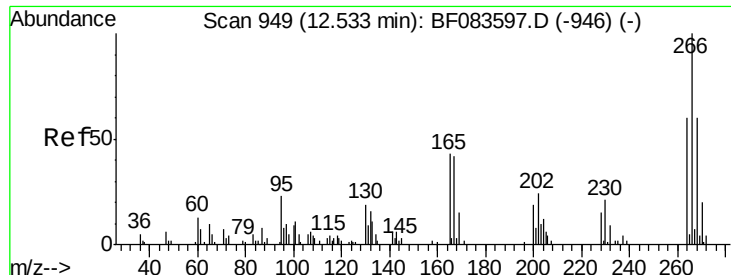
Delta R.T. -0.09 min

Lab File: BF083690.D

Acq: 10 Dec 2015 22:01

Tgt Ion:	200	Resp:	272077
Ion Ratio		Lower	Upper
200	100		
173	27.9	7.8	47.8
215	47.2	25.7	65.7





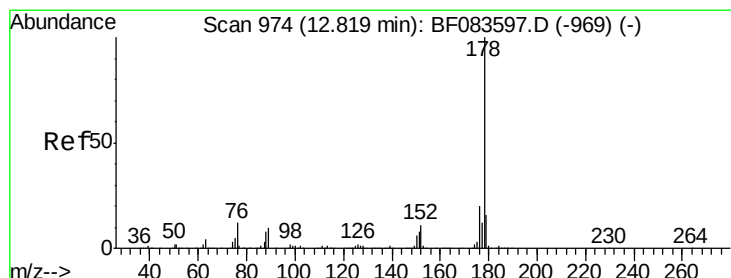
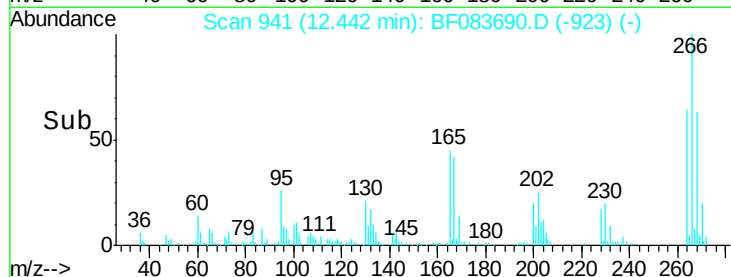
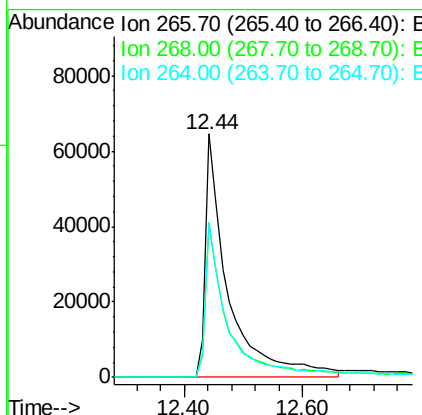
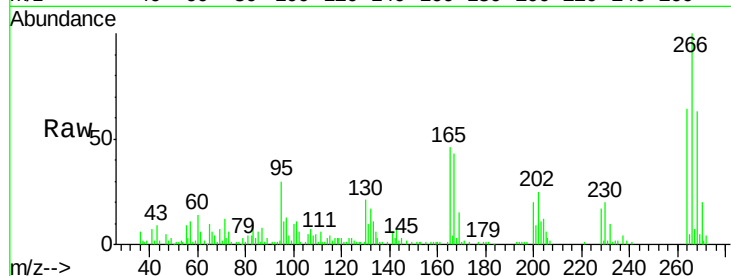
#69
 Pentachlorophenol
 Concen: 98.02 ng
 RT: 12.44 min Scan# 941
 Delta R.T. -0.09 min
 Lab File: BF083690.D
 Acq: 10 Dec 2015 22:01

Instrument :
 BNA_F
 ClientSampleId :
 SB-04MS

Tot Ion	Ratio	Lower	Upper
266	100		
268	62.5	50.2	75.2
264	63.8	51.4	77.2

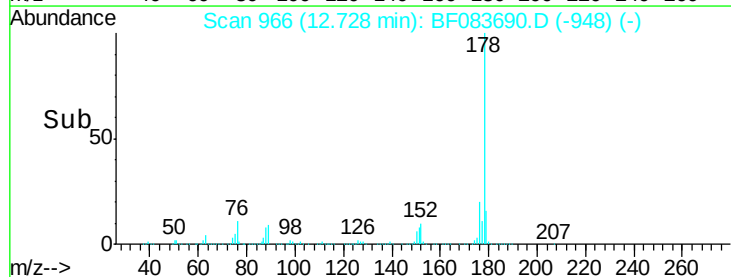
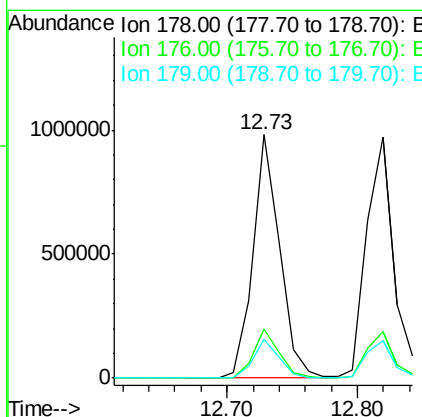
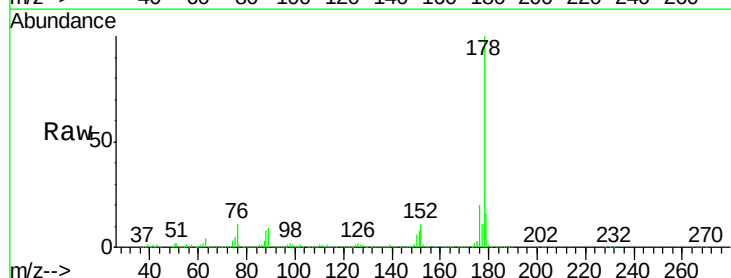
Manual Integrations
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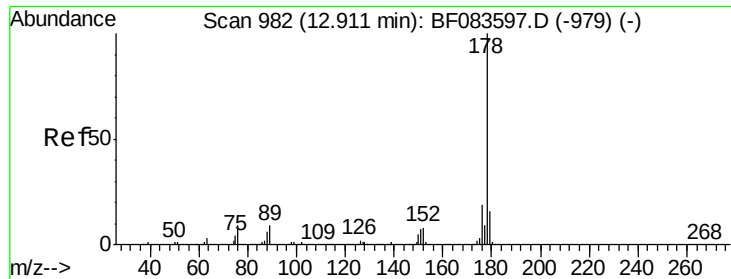
MMdadoda
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#70
 Phenanthrene
 Concen: 45.46 ng
 RT: 12.73 min Scan# 966
 Delta R.T. -0.09 min
 Lab File: BF083690.D
 Acq: 10 Dec 2015 22:01

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.7	23.5
179	16.1	12.2	18.4





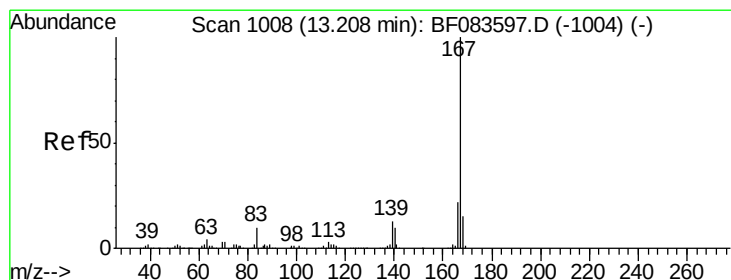
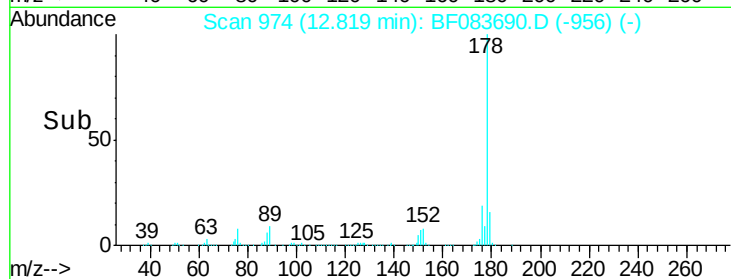
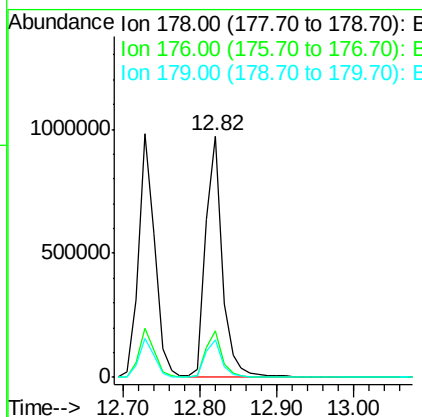
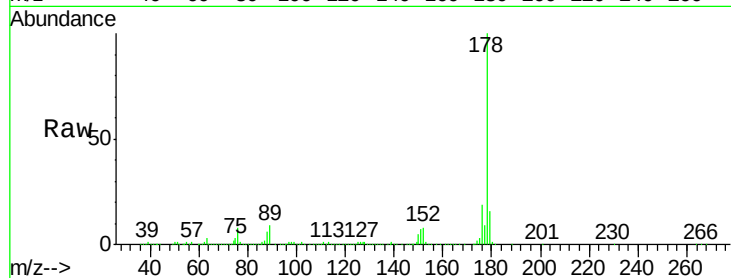
#71
 Anthracene
 Concen: 45.26 ng
 RT: 12.82 min Scan# 974
 Delta R.T. -0.09 min
 Lab File: BF083690.D
 Acq: 10 Dec 2015 22:01

Instrument :
 BNA_F
 ClientSampleId :
 SB-04MS

Tot Ion:178 Resp: 1445276
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.2 22.8
 179 15.7 12.6 18.8

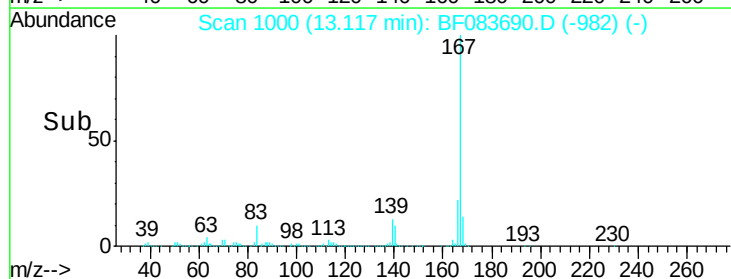
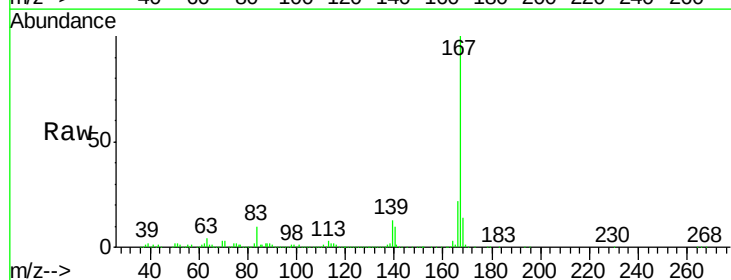
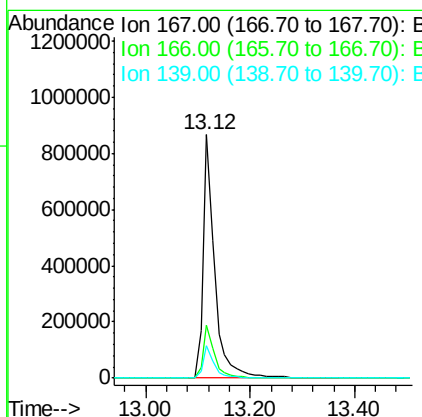
Manual Integrations
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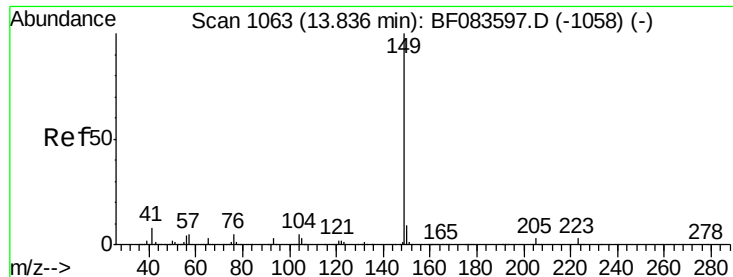
MMdadoda
 12/11/2015 6:01:41 PM



#72
 Carbazole
 Concen: 48.40 ng
 RT: 13.12 min Scan# 1000
 Delta R.T. -0.09 min
 Lab File: BF083690.D
 Acq: 10 Dec 2015 22:01

Tgt Ion:167 Resp: 1325415
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.2 25.8
 139 13.2 9.3 13.9





#73

Di-n-butylphthalate

Concen: 45.14 ng

RT: 13.73 min Scan# 1054

Delta R.T. -0.10 min

Lab File: BF083690.D

Acq: 10 Dec 2015 22:01

Instrument :

BNA_F

ClientSampleId :

SB-04MS

Tot Ion:149 Resp: 1554387

Ion Ratio Lower Upper

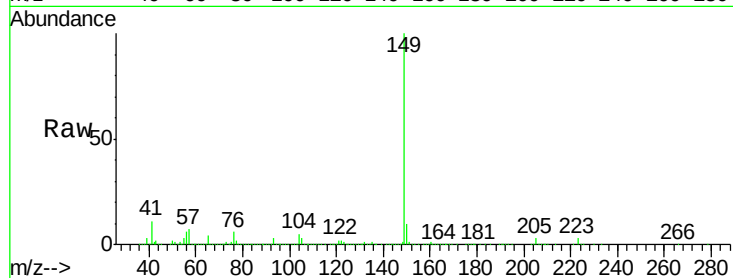
149 100

150 9.7 7.8 11.6

104 5.5 3.9 5.9

Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

1200000

1000000

800000

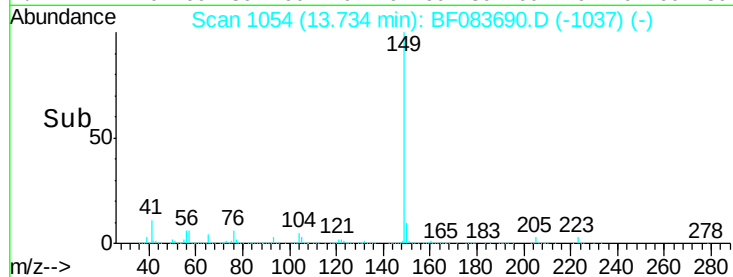
600000

400000

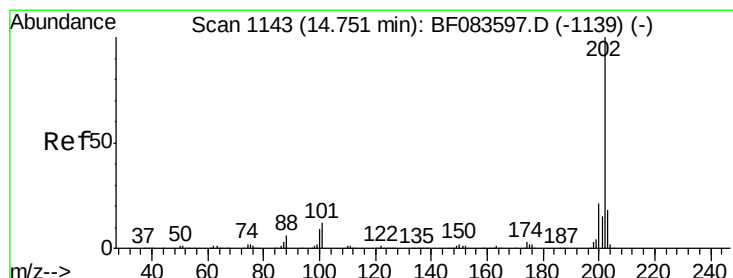
200000

0

13.60 13.70 13.80



Time-->



#74

Fluoranthene

Concen: 43.88 ng

RT: 14.66 min Scan# 1135

Delta R.T. -0.09 min

Lab File: BF083690.D

Acq: 10 Dec 2015 22:01

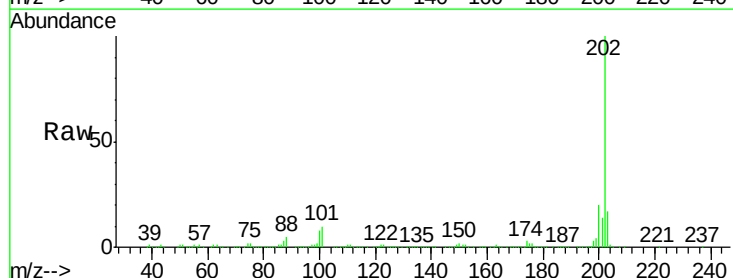
Tgt Ion:202 Resp: 1383534

Ion Ratio Lower Upper

202 100

101 10.1 0.0 31.5

203 17.1 0.0 37.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

1000000

800000

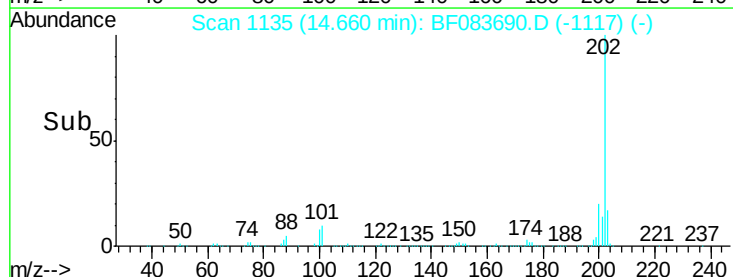
600000

400000

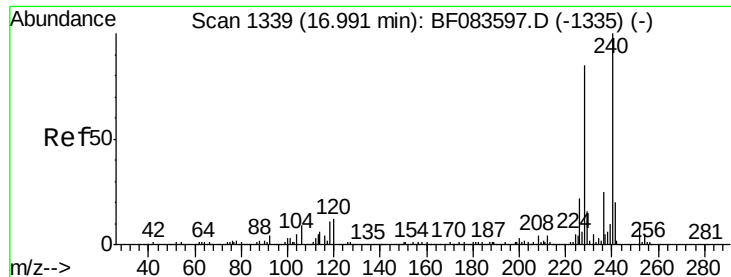
200000

0

14.60 14.80



Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.91 min Scan# 1332

Delta R.T. -0.08 min

Lab File: BF083690.D

Acq: 10 Dec 2015 22:01

Instrument :

BNA_F

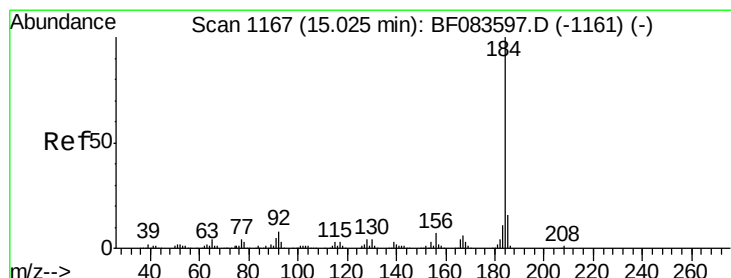
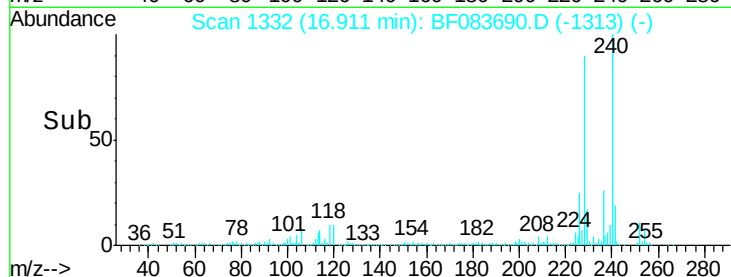
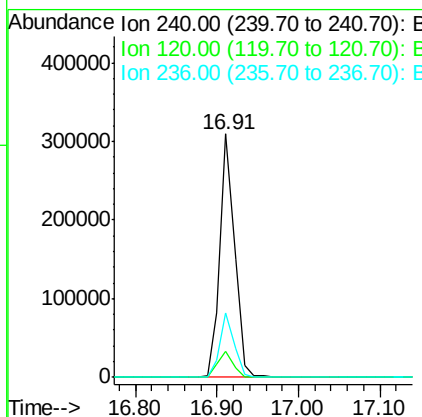
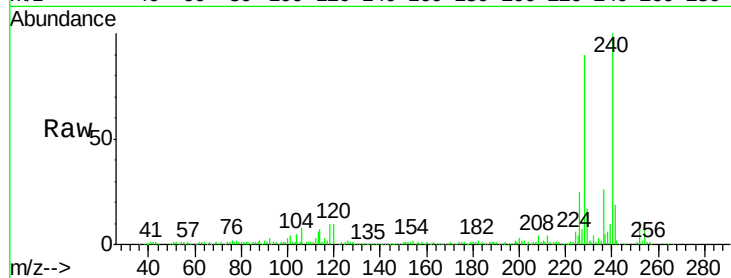
ClientSampleId :

SB-04MS

Tot Ion:	240	Resp:	388011
Ion Ratio	Lower	Upper	
240	100		
120	10.5	8.1	12.1
236	26.3	20.8	31.2

Manual Integrations
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#76

Benzidine

Concen: 23.03 ng

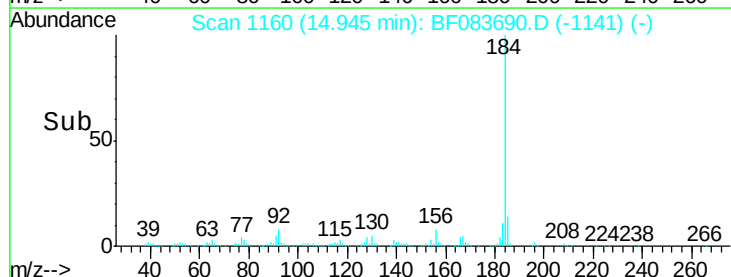
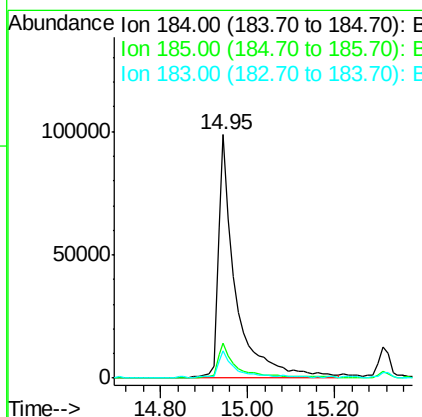
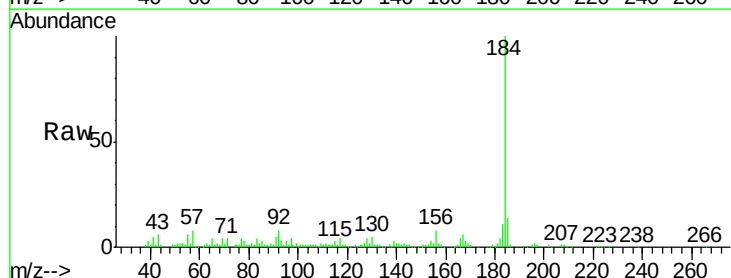
RT: 14.95 min Scan# 1160

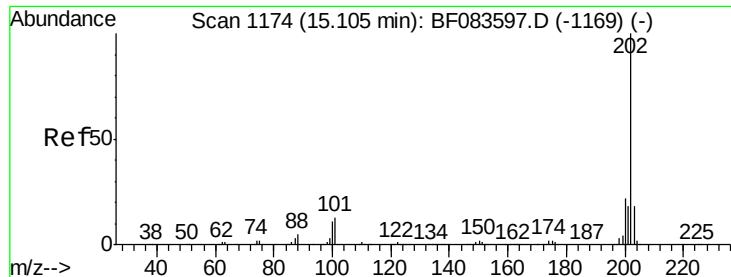
Delta R.T. -0.08 min

Lab File: BF083690.D

Acq: 10 Dec 2015 22:01

Tgt Ion:	184	Resp:	277920
Ion Ratio	Lower	Upper	
184	100		
185	14.1	13.0	19.6
183	11.0	9.0	13.4





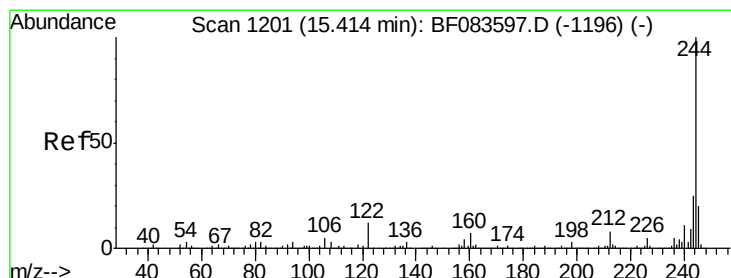
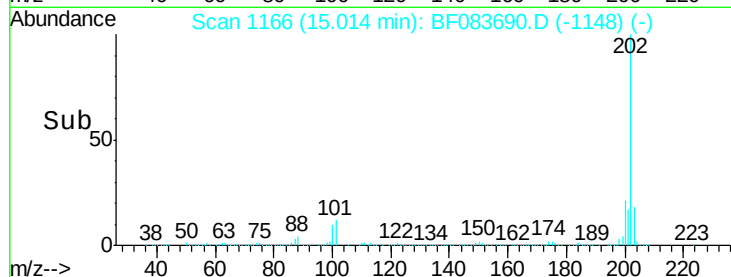
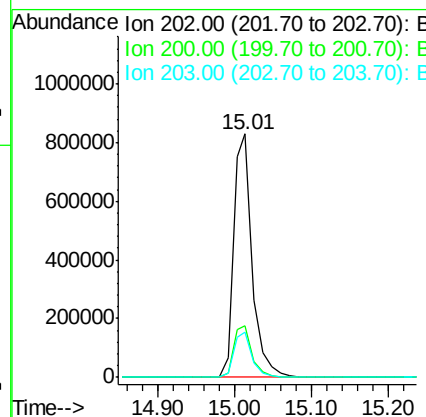
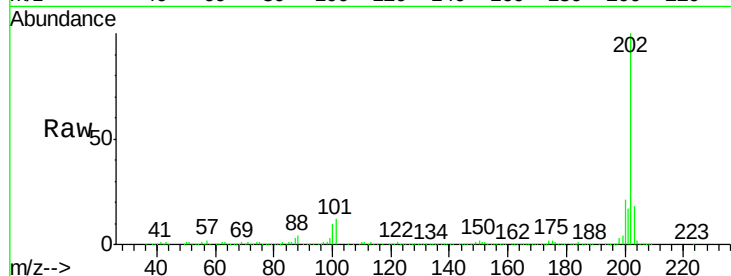
#77
Pvrene
Concen: 50.51 ng
RT: 15.01 min Scan# 1166
Delta R.T. -0.09 min
Lab File: BF083690.D
Acq: 10 Dec 2015 22:01

Instrument :
BNA_F
ClientSampleId :
SB-04MS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.7	25.1
203	18.4	14.3	21.5

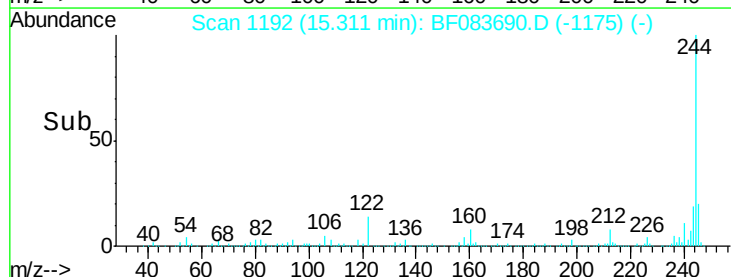
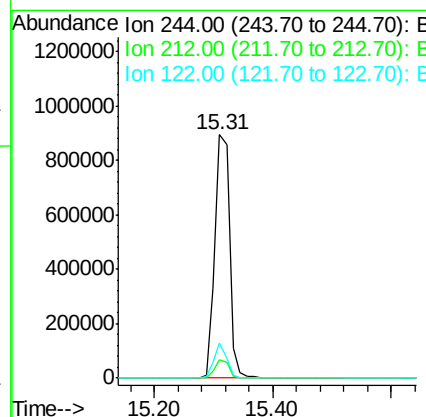
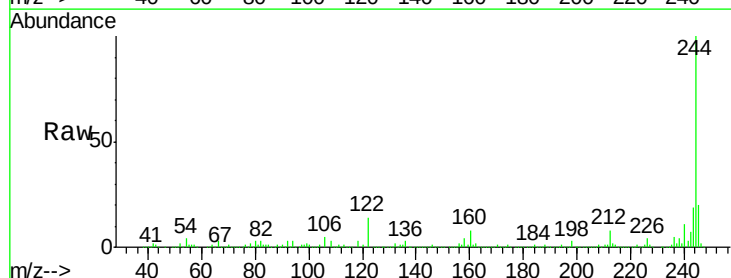
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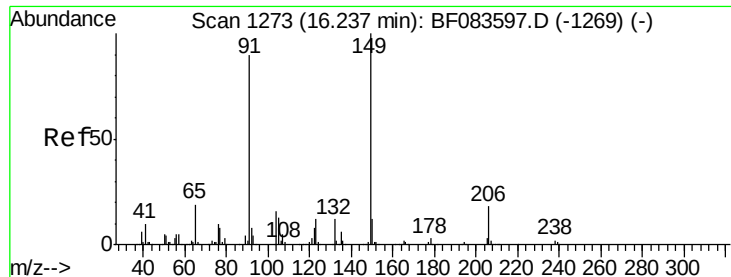
MMdadoda
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#78
Terphenyl-d14
Concen: 93.52 ng
RT: 15.31 min Scan# 1192
Delta R.T. -0.10 min
Lab File: BF083690.D
Acq: 10 Dec 2015 22:01

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.1	9.1
122	14.1	11.0	16.6





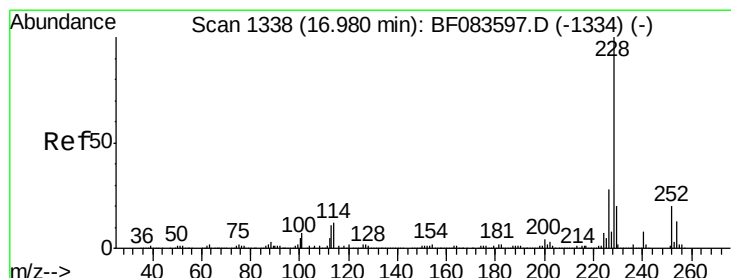
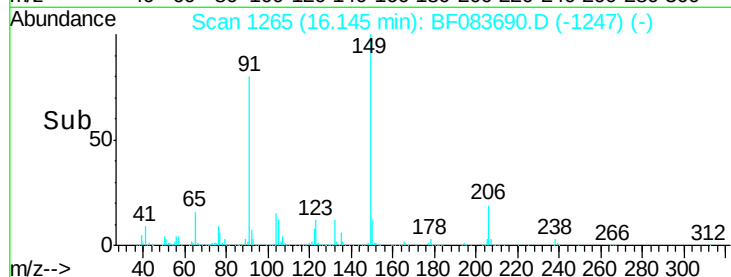
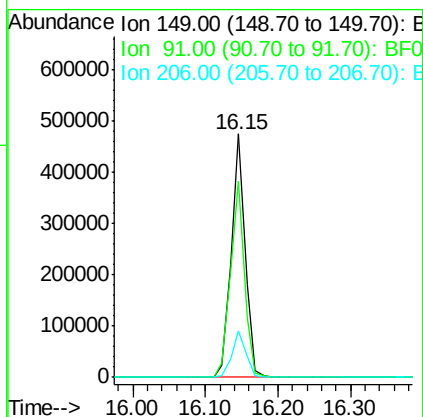
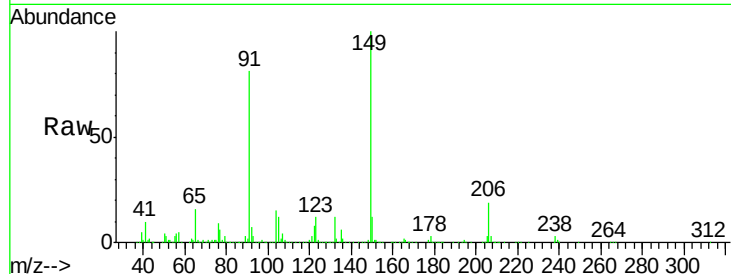
#79
Butylbenzylphthalate
Concen: 51.12 ng
RT: 16.15 min Scan# 1265
Delta R.T. -0.09 min
Lab File: BF083690.D
Acq: 10 Dec 2015 22:01

Instrument :
BNA_F
ClientSampleId :
SB-04MS

Tot Ion	Ratio	Lower	Upper
149	100		
91	80.6	60.0	90.0
206	19.3	16.2	24.4

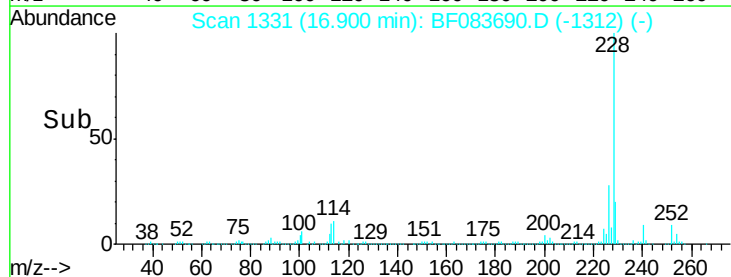
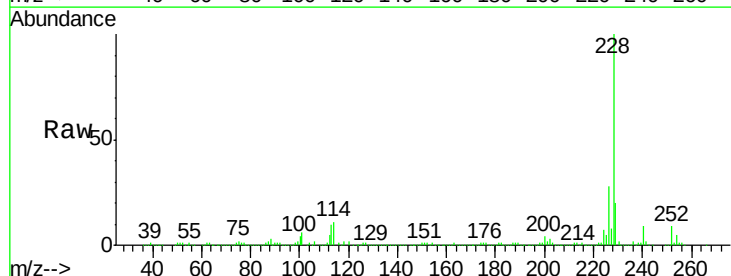
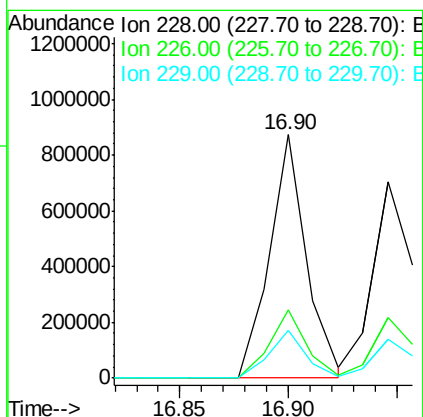
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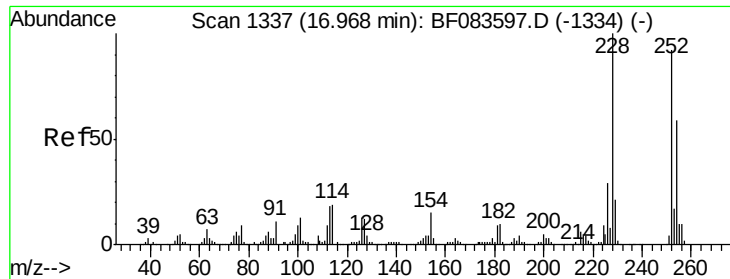
MMdadoda
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#80
Benzo(a)anthracene
Concen: 45.49 ng
RT: 16.90 min Scan# 1331
Delta R.T. -0.08 min
Lab File: BF083690.D
Acq: 10 Dec 2015 22:01

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.3	33.5
229	19.8	15.7	23.5





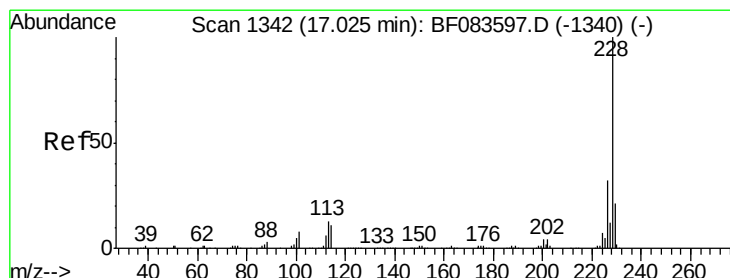
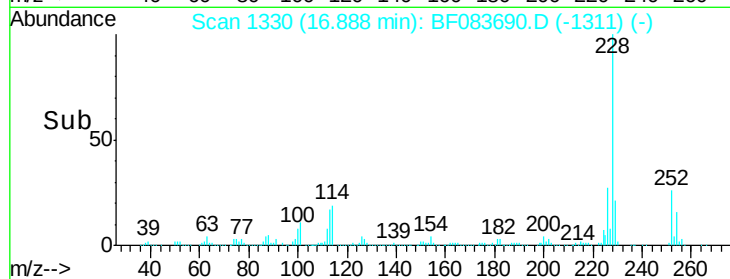
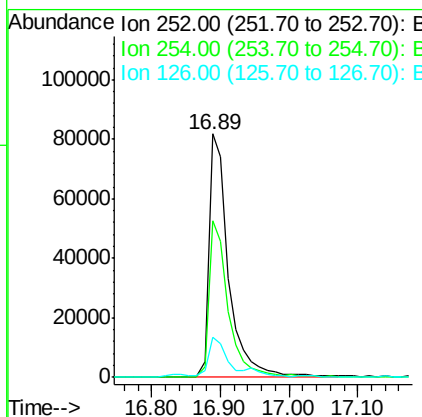
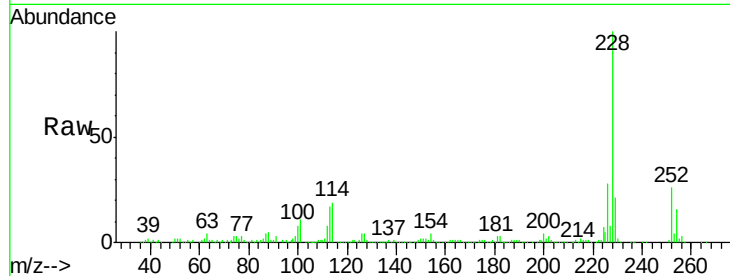
#81
 3,3'-Dichlorobenzidine
 Concen: 21.39 ng
 RT: 16.89 min Scan# 1330
 Delta R.T. -0.08 min
 Lab File: BF083690.D
 Acq: 10 Dec 2015 22:01

Instrument :
 BNA_F
 ClientSampled :
 SB-04MS

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.1	50.6	76.0
126	16.3	11.0	16.4

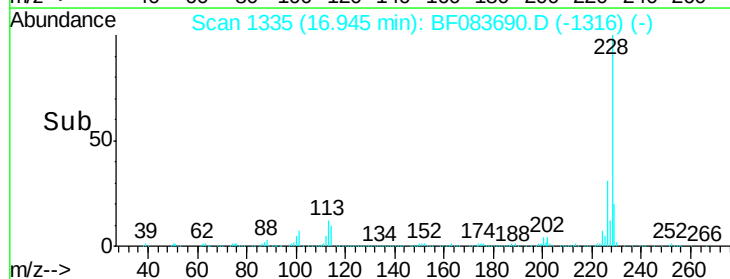
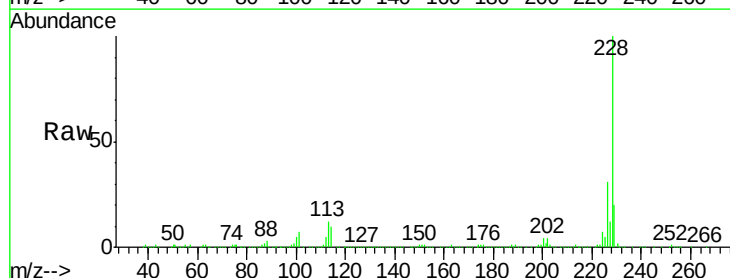
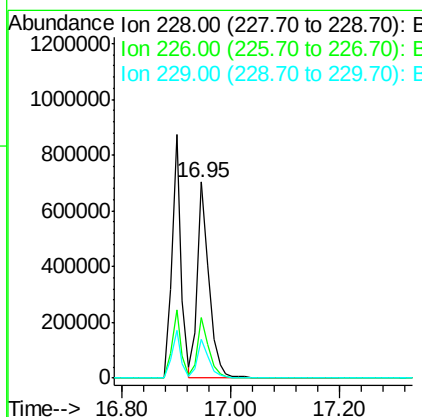
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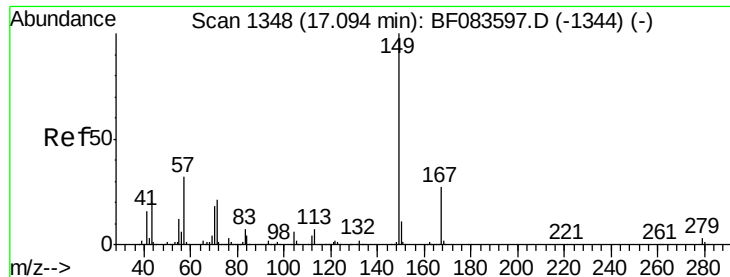
MMdadoda
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#82
 Chrysene
 Concen: 45.07 ng
 RT: 16.95 min Scan# 1335
 Delta R.T. -0.08 min
 Lab File: BF083690.D
 Acq: 10 Dec 2015 22:01

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.7	37.1
229	20.0	16.3	24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 50.19 ng

RT: 17.01 min Scan# 1341

Delta R.T. -0.08 min

Lab File: BF083690.D

Acq: 10 Dec 2015 22:01

Instrument :

BNA_F

ClientSampleId :

SB-04MS

Tot Ion:149 Resp: 863778

Ion Ratio Lower Upper

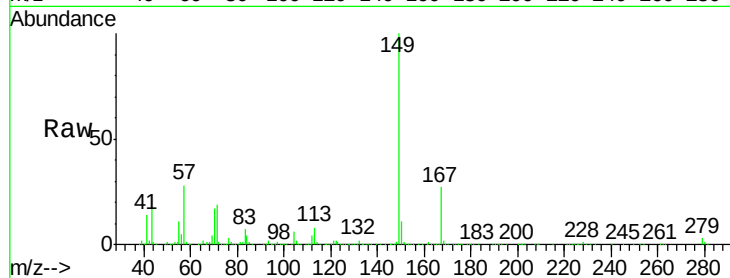
149 100

167 26.8 21.8 32.8

279 3.4 3.0 4.4

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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

17.01

600000

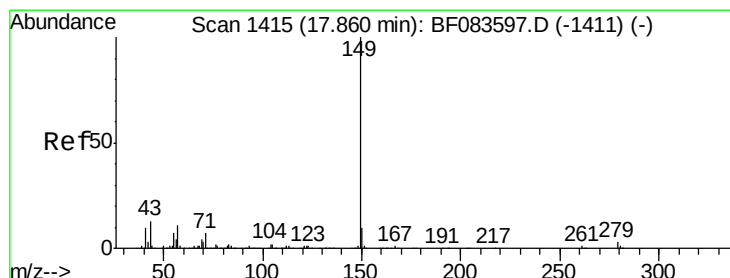
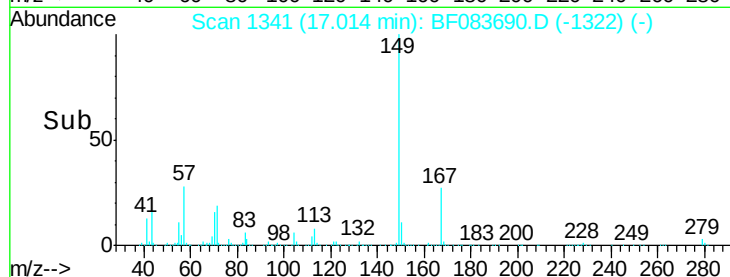
400000

200000

0

16.90 17.00 17.10

Time-->



#84

Di-n-octyl phthalate

Concen: 48.98 ng

RT: 17.78 min Scan# 1408

Delta R.T. -0.08 min

Lab File: BF083690.D

Acq: 10 Dec 2015 22:01

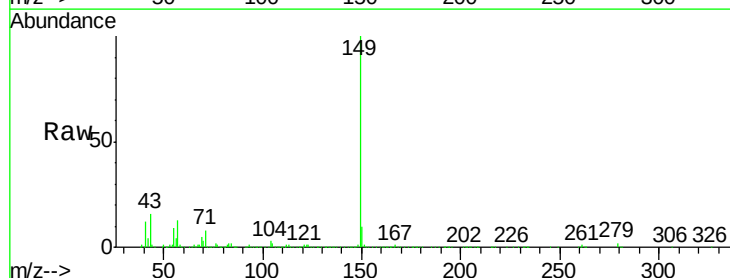
Tgt Ion:149 Resp: 1288035

Ion Ratio Lower Upper

149 100

167 1.6 0.0 0.0#

43 13.8 0.0 0.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

17.78

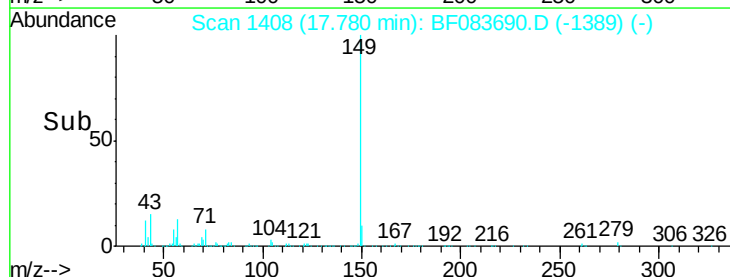
1000000

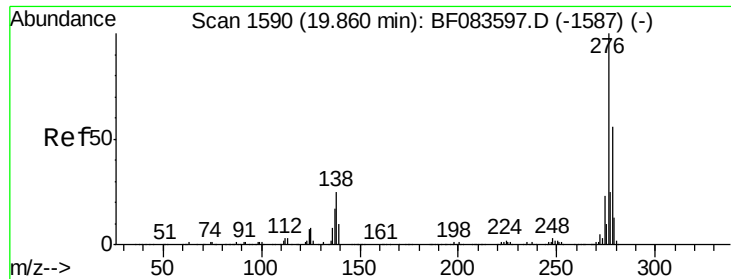
500000

0

17.70 17.80 17.90

Time-->





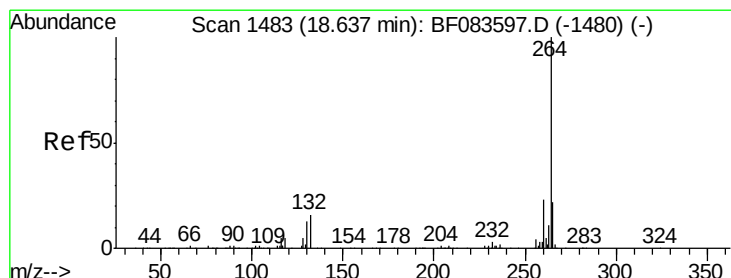
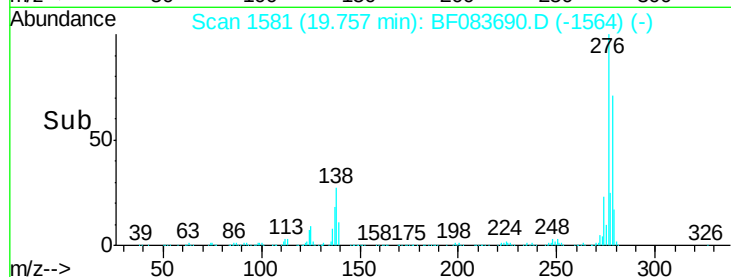
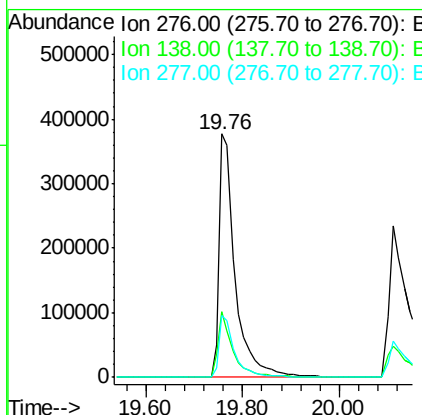
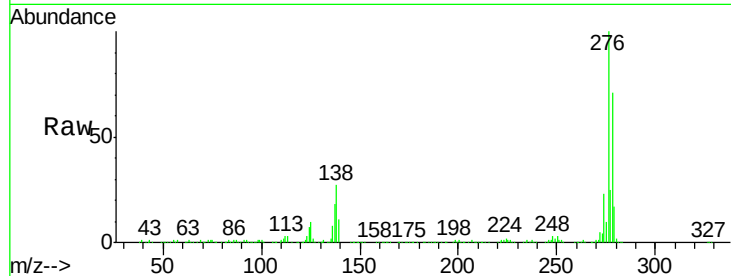
#85
Indeno(1,2,3-cd)pyrene
Concen: 57.20 ng
RT: 19.76 min Scan# 1581
Delta R.T. -0.10 min
Lab File: BF083690.D
Acq: 10 Dec 2015 22:01

Instrument :
BNA_F
ClientSampleId :
SB-04MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.0	0.0	0.0#
277	25.1	0.0	0.0#

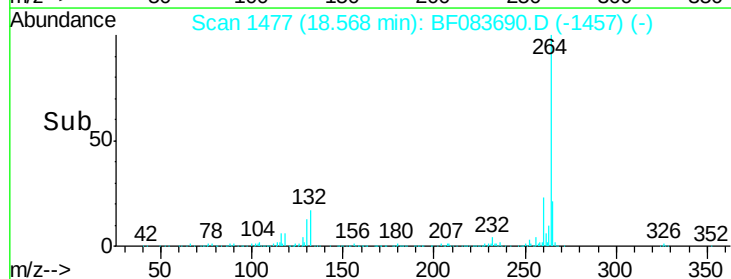
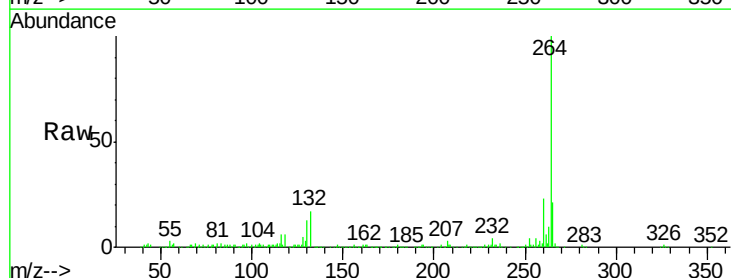
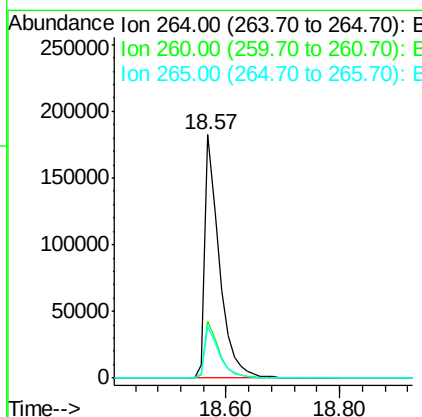
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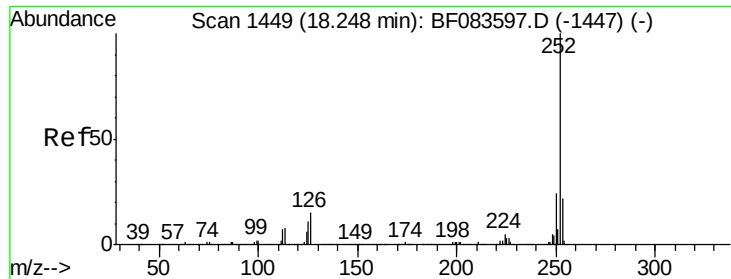
MMdadoda
12/11/2015 6:01:41 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 18.57 min Scan# 1477
Delta R.T. -0.07 min
Lab File: BF083690.D
Acq: 10 Dec 2015 22:01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.4	29.0
265	21.1	17.8	26.6





#87

Benzo(b)fluoranthene

Concen: 55.48 ng m

RT: 18.18 min Scan# 1443

Delta R.T. -0.07 min

Lab File: BF083690.D

Acq: 10 Dec 2015 22:01

Instrument :

BNA_F

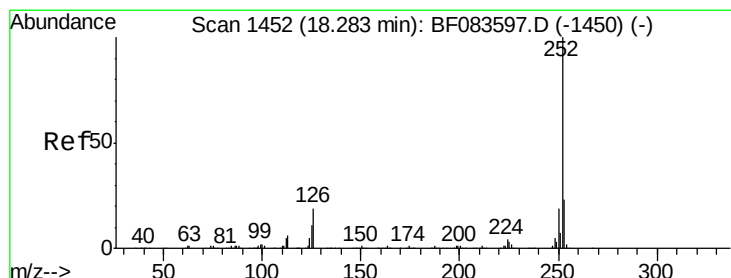
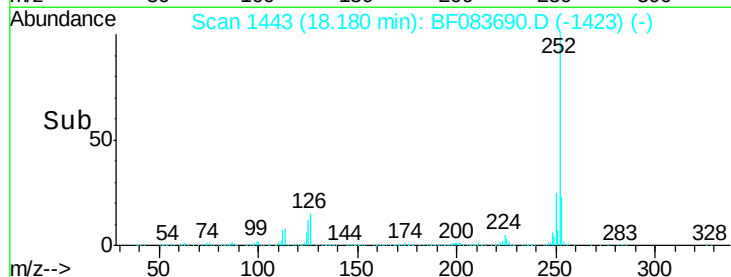
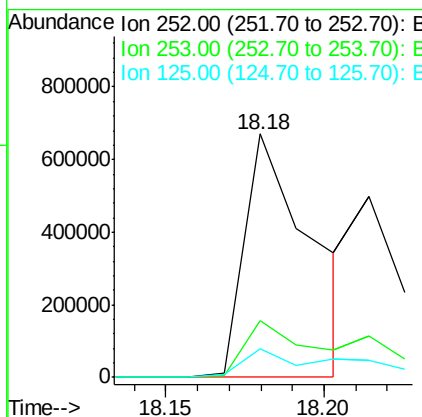
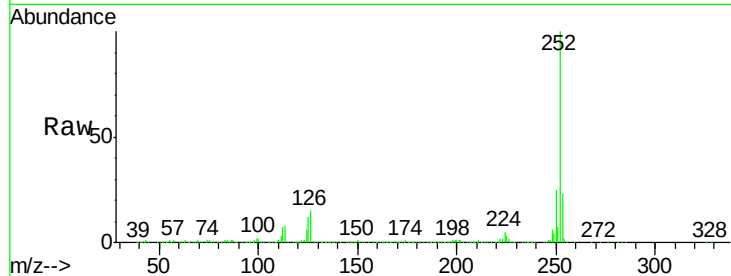
ClientSampleId :

SB-04MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.2	27.4
125	11.6	8.2	12.4

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 33.95 ng m

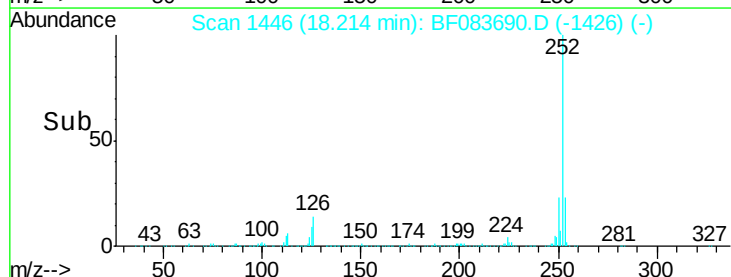
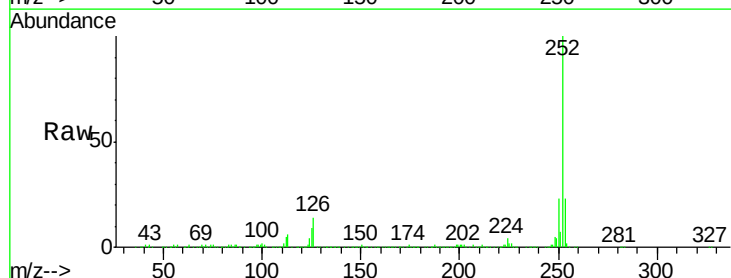
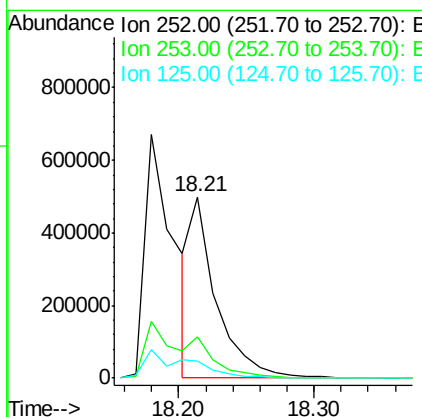
RT: 18.21 min Scan# 1446

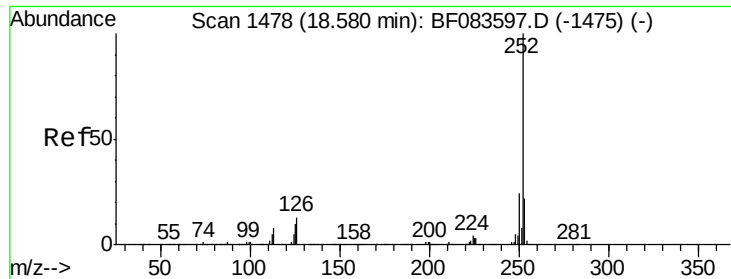
Delta R.T. -0.07 min

Lab File: BF083690.D

Acq: 10 Dec 2015 22:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.6	27.8
125	9.4	11.5	17.3#





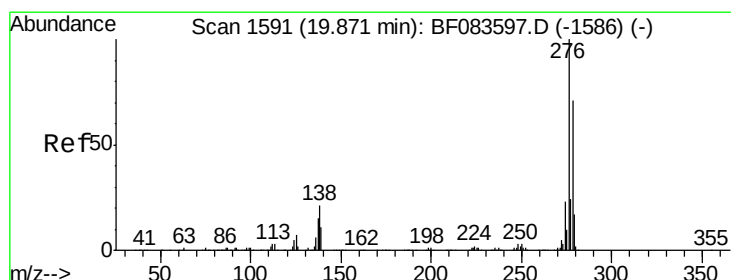
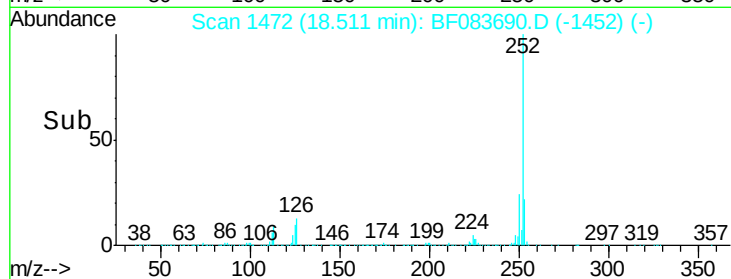
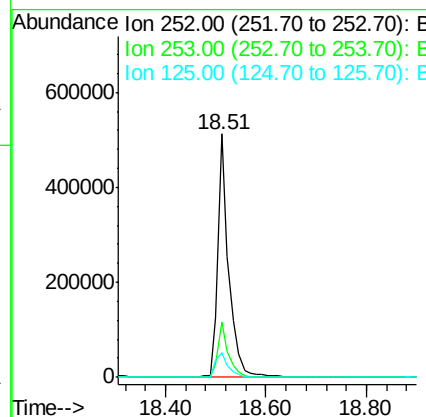
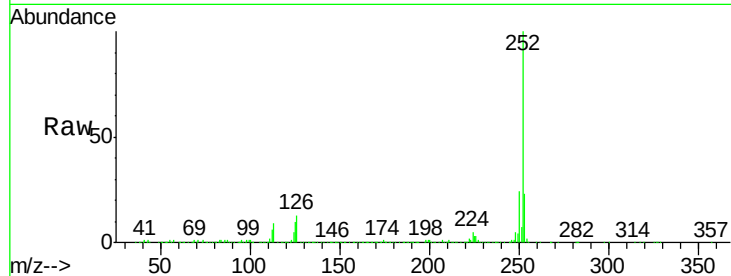
#89
Benzo(a)pyrene
Concen: 44.10 ng
RT: 18.51 min Scan# 1472
Delta R.T. -0.07 min
Lab File: BF083690.D
Acq: 10 Dec 2015 22:01

Instrument :
BNA_F
ClientSampleId :
SB-04MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	10.4	11.0	16.6

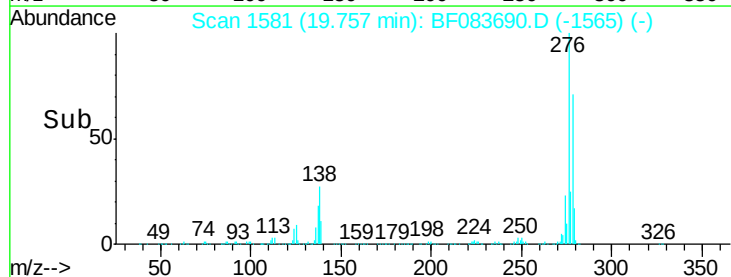
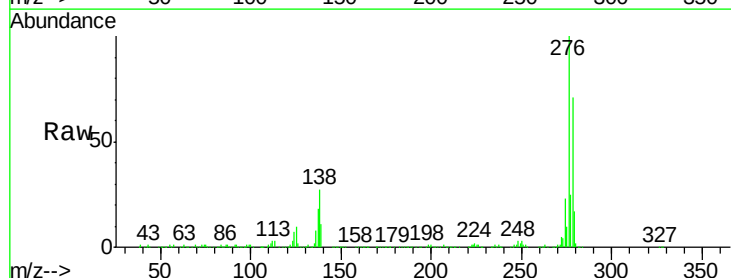
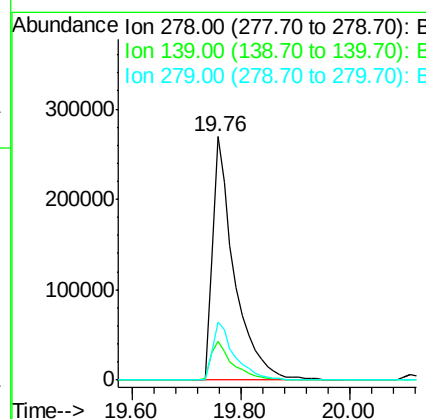
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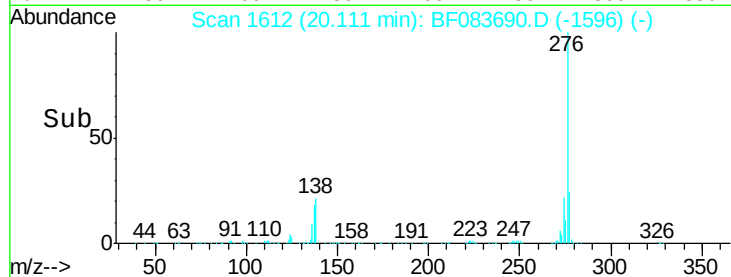
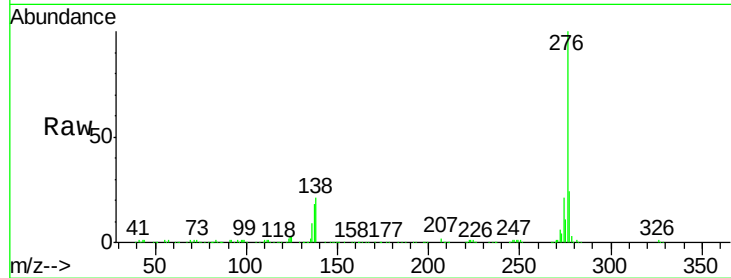
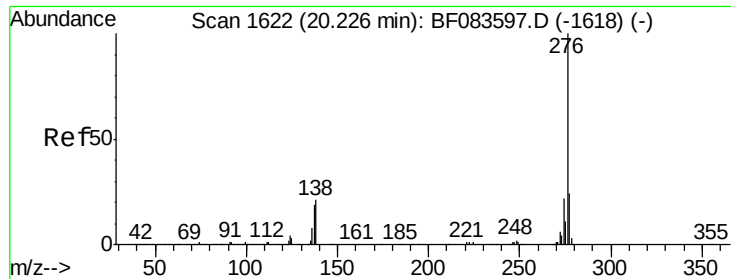
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#90
Dibenzo(a,h)anthracene
Concen: 56.90 ng
RT: 19.76 min Scan# 1581
Delta R.T. -0.11 min
Lab File: BF083690.D
Acq: 10 Dec 2015 22:01

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.9	12.8	19.2
279	23.9	18.6	28.0





#91
 Benzo(a,h,i)perylene
 Concen: 57.66 ng
 RT: 20.11 min Scan# 1612
 Delta R.T. -0.11 min
 Lab File: BF083690.D
 Acq: 10 Dec 2015 22:01

Instrument :
 BNA_F
 ClientSampleId :
 SB-04MS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.2	28.8
138	20.6	19.5	29.3

Manual Integrations
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