

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120415\
 Data File : BF083509.D
 Acq On : 5 Dec 2015 12:29
 Operator : UM/IZ
 Sample : G4595-02MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20151124MGP211BRV71MS

Manual Integrations
 APPROVED

Mmdadoda
 12/7/2015 6:30:53 PM

Quant Time: Dec 07 01:11:27 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 05 04:12:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	143772	20.00	ng	0.00
21) Naphthalene-d8	7.68	136	553172	20.00	ng	0.00
38) Acenaphthene-d10	10.46	164	271416	20.00	ng	0.00
63) Phenanthrene-d10	12.85	188	496322	20.00	ng	0.00
75) Chrysene-d12	17.05	240	383945	20.00	ng	0.00
86) Perylene-d12	18.68	264	320775	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	4.04	112	530549	55.98	ng	0.01
7) Phenol-d6	5.32	99	425359	32.58	ng	0.00
23) Nitrobenzene-d5	6.60	82	1056462	89.27	ng	0.00
41) 2,4,6-Tribromophenol	11.76	330	339508	135.60	ng	0.00
44) 2-Fluorobiphenyl	9.42	172	1739249	86.92	ng	0.00
78) Terphenyl-d14	15.49	244	1645382	95.36	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.89	88	74039	14.90	ng	# 90
3) Pyridine	2.36	79	142337	12.00	ng	99
4) n-Nitrosodimethylamine	2.30	42	87714	14.68	ng	96
6) Aniline	5.32	93	323981	19.06	ng	94
8) 2-Chlorophenol	5.48	128	349934	33.20	ng	99
9) Benzaldehyde	5.16	77	163553	21.85	ng	91
10) Phenol	5.34	94	191654	12.55	ng	91
11) bis(2-Chloroethyl)ether	5.42	93	455974	40.29	ng	97
12) 1,3-Dichlorobenzene	5.69	146	418592	35.81	ng	99
13) 1,4-Dichlorobenzene	5.79	146	428946	35.94	ng	97
14) 1,2-Dichlorobenzene	6.01	146	406772	37.06	ng	99
15) Benzyl Alcohol	6.01	79	261858	28.91	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.20	45	844880	40.27	ng	90
17) 2-Methylphenol	6.20	107	238680	27.44	ng	# 90
18) Hexachloroethane	6.49	117	149674	35.93	ng	# 84
19) n-Nitroso-di-n-propylamine	6.41	70	400721	46.00	ng	98
20) 3+4-Methylphenols	6.44	107	290755	25.73	ng	94
22) Acetophenone	6.37	105	671179	42.12	ng	# 94
24) Nitrobenzene	6.62	77	562797	43.18	ng	99
25) Isophorone	7.00	82	1010458	44.46	ng	99
26) 2-Nitrophenol	7.10	139	217553	42.30	ng	97
27) 2,4-Dimethylphenol	7.23	122	354555	39.02	ng	99
28) bis(2-Chloroethoxy)methane	7.36	93	595596	47.03	ng	99
29) 2,4-Dichlorophenol	7.50	162	357925	43.62	ng	98
30) 1,2,4-Trichlorobenzene	7.60	180	362737	39.98	ng	98
31) Naphthalene	7.71	128	1257804	42.72	ng	99
32) Benzoic acid	7.46	122	61077	14.31	ng	93
33) 4-Chloroaniline	7.84	127	253617	22.02	ng	94
34) Hexachlorobutadiene	7.92	225	197830	36.90	ng	99
35) Caprolactam	8.43	113	17131	6.56	ng	94
36) 4-Chloro-3-methylphenol	8.66	107	368676	39.92	ng	98
37) 2-Methylnaphthalene	8.81	142	830839	45.63	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	377326	42.28	ng	# 100
40) Hexachlorocyclopentadiene	9.07	237	226520	66.72	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.30	196	250167	44.65	nq	98
43) 2,4,5-Trichlorophenol	9.37	196	267395	46.33	nq	# 93
45) 1,1'-Biphenyl	9.57	154	1027921	42.62	nq	99
46) 2-Chloronaphthalene	9.58	162	806592	44.38	nq	98
47) 2-Nitroaniline	9.79	65	316844	48.94	nq	# 81
48) Acenaphthylene	10.24	152	1298561	43.63	nq	99
49) Dimethylphthalate	10.12	163	1005620	47.07	nq	99
50) 2,6-Dinitrotoluene	10.20	165	221925	49.34	nq	# 81
51) Acenaphthene	10.52	154	801207	46.79	nq	100
52) 3-Nitroaniline	10.46	138	120555	24.86	nq	# 87
53) 2,4-Dinitrophenol	10.65	184	201778	86.42	nq	97
54) Dibenzofuran	10.81	168	1179351	49.71	nq	99
55) 4-Nitrophenol	10.85	139	74214m	27.17	nq	
56) 2,4-Dinitrotoluene	10.85	165	289845	49.34	nq	# 81
57) Fluorene	11.36	166	934744	45.29	nq	99
58) 2,3,4,6-Tetrachlorophenol	11.04	232	214763	49.75	nq	# 100
59) Diethylphthalate	11.25	149	958484	46.63	nq	99
60) 4-Chlorophenyl-phenylether	11.38	204	442160	44.70	nq	98
61) 4-Nitroaniline	11.46	138	191122	43.50	nq	89
62) Azobenzene	11.64	77	1212866	55.30	nq	99
64) 4,6-Dinitro-2-methylphenol	11.52	198	146041	43.92	nq	# 80
65) n-Nitrosodiphenylamine	11.60	169	794783	48.37	nq	99
66) 4-Bromophenyl-phenylether	12.17	248	254830	46.98	nq	96
67) Hexachlorobenzene	12.25	284	278706	48.07	nq	# 83
68) Atrazine	12.51	200	242353	48.77	nq	98
69) Pentachlorophenol	12.59	266	265805	99.70	nq	98
70) Phenanthrene	12.90	178	1373965	47.56	nq	99
71) Anthracene	12.98	178	1405378	47.70	nq	99
72) Carbazole	13.28	167	1239663	49.00	nq	98
73) Di-n-butylphthalate	13.92	149	1556569	51.08	nq	99
74) Fluoranthene	14.82	202	1376018	48.06	nq	97
76) Benzidine	15.11	184	42733	3.08	nq	96
77) Pyrene	15.17	202	1411259	49.14	nq	98
79) Butylbenzylphthalate	16.32	149	606134	53.67	nq	93
80) Benzo(a)anthracene	17.04	228	1084813	48.29	nq	99
81) 3,3'-Dichlorobenzidine	17.03	252	184715	25.71	nq	98
82) Chrysene	17.08	228	1022033	45.67	nq	99
83) Bis(2-ethylhexyl)phthalate	17.16	149	839088	56.62	nq	# 98
84) Di-n-octyl phthalate	17.93	149	1229758	58.18	nq	# 100
85) Indeno(1,2,3-cd)pyrene	19.93	276	1001877	52.23	nq	# 100
87) Benzo(b)fluoranthene	18.29	252	1083896m	60.17	nq	
88) Benzo(k)fluoranthene	18.33	252	645349m	34.97	nq	
89) Benzo(a)pyrene	18.63	252	843848	48.16	nq	# 95
90) Dibenzo(a,h)anthracene	19.94	278	842287	49.96	nq	98
91) Benzo(g,h,i)perylene	20.28	276	858772	50.55	nq	98

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

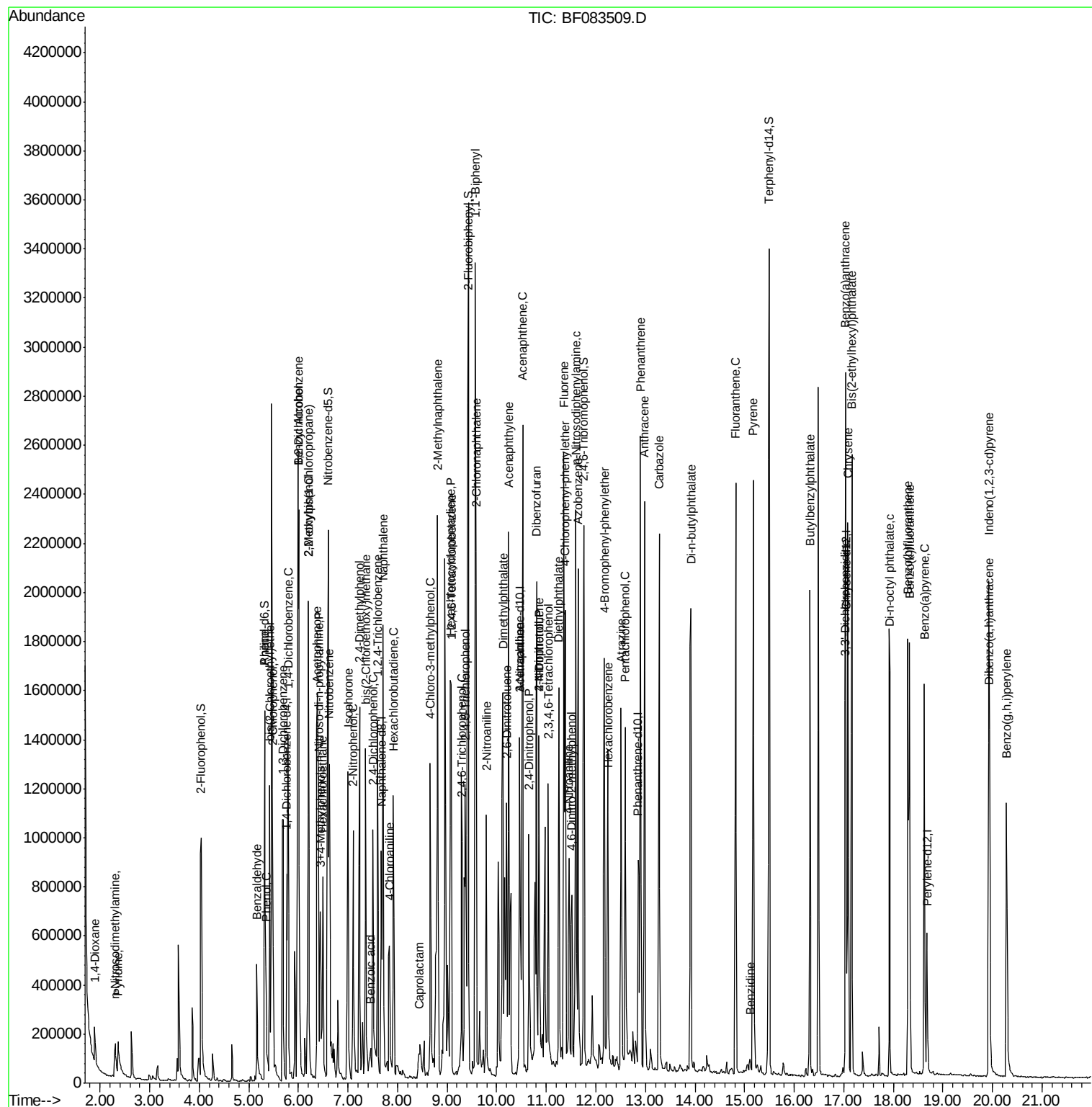
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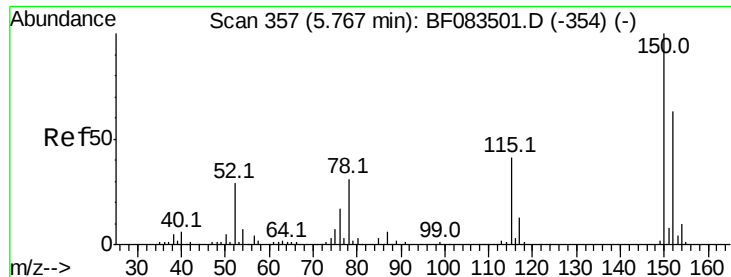
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#1

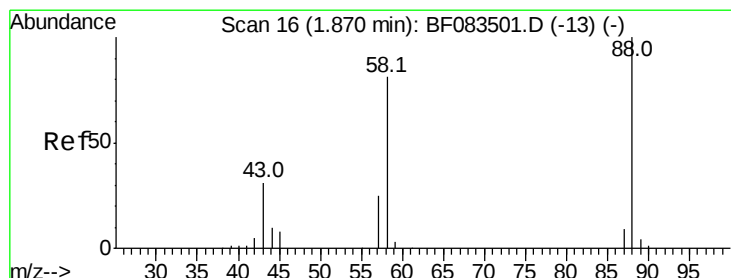
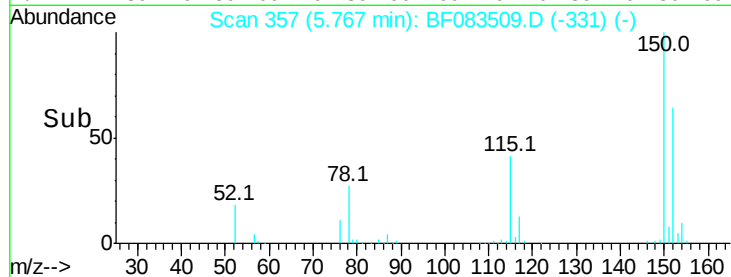
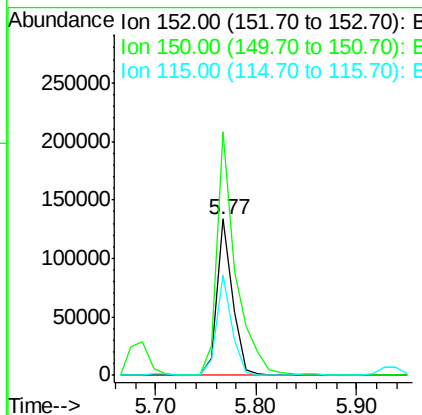
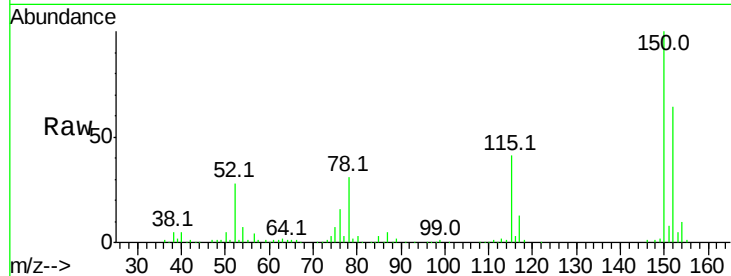
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 357
Delta R.T. 0.00 min
Lab File: BF083509.D
Acq: 5 Dec 2015 12:29

Instrument :
BNA_F
ClientSampleId :
20151124MGP211BRV71MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	126.5	189.7
115	64.6	52.3	78.5

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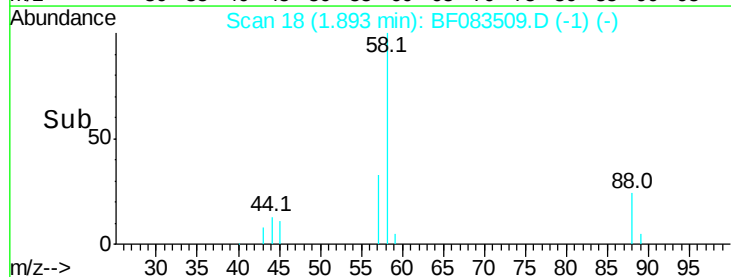
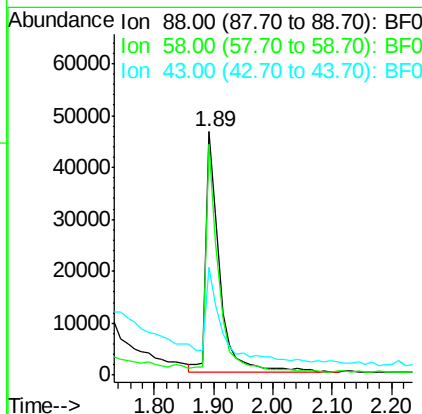
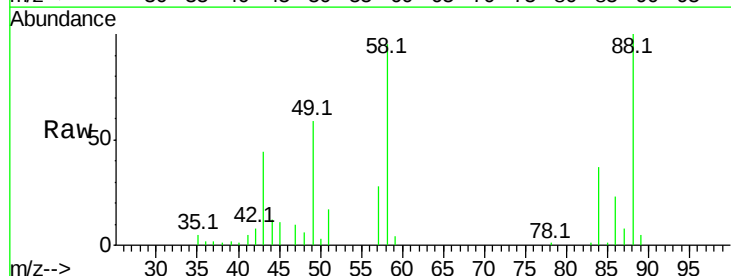
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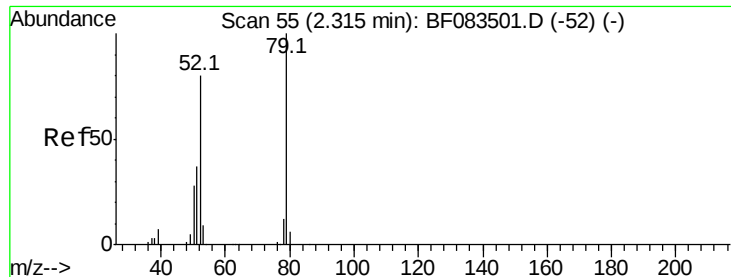


#2

1,4-Dioxane
Concen: 14.90 ng
RT: 1.89 min Scan# 18
Delta R.T. 0.02 min
Lab File: BF083509.D
Acq: 5 Dec 2015 12:29

Tgt Ion	Ratio	Lower	Upper
88	100		
58	88.5	68.0	102.0
43	49.5	27.9	41.9#





#3

Pvridine

Concen: 12.00 ng

RT: 2.36 min Scan# 59

Delta R.T. 0.05 min

Lab File: BF083509.D

Acq: 5 Dec 2015 12:29

Instrument :

BNA_F

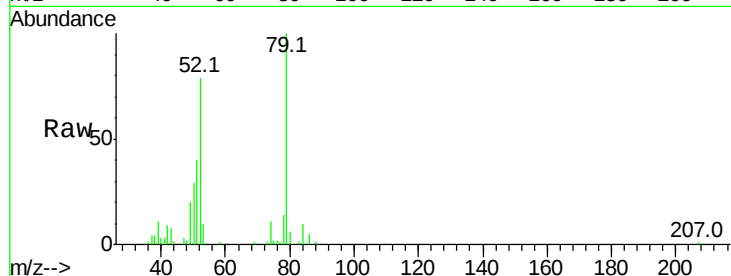
ClientSampleId :

20151124MGP211BRV71MS

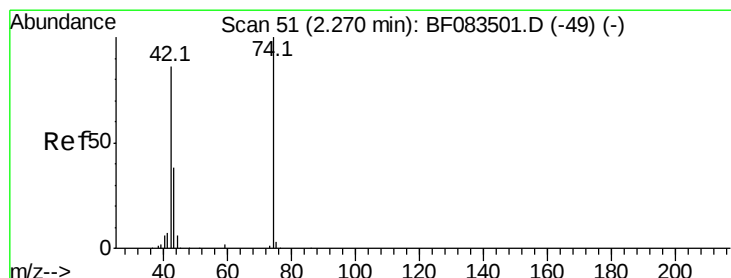
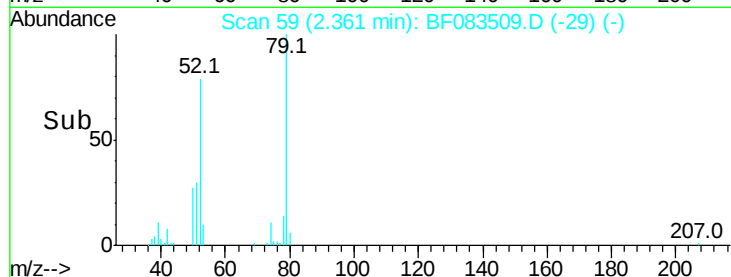
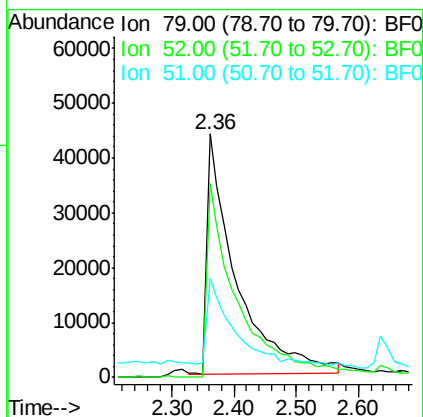
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Tot Ion	Ion	Ratio	Lower	Upper
79	100			
52	79.4	63.7	95.5	
51	40.4	30.6	45.8	



#4

n-Nitrosodimethylamine

Concen: 14.68 ng

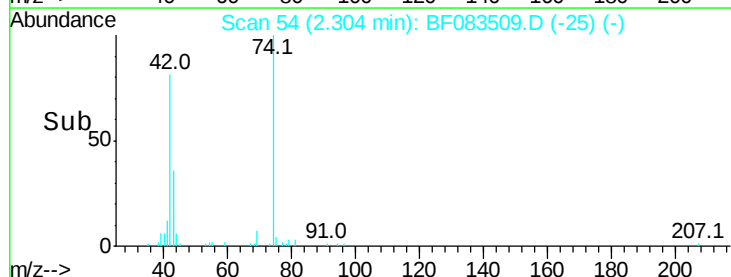
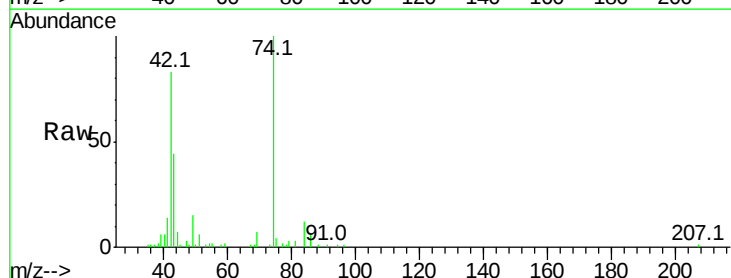
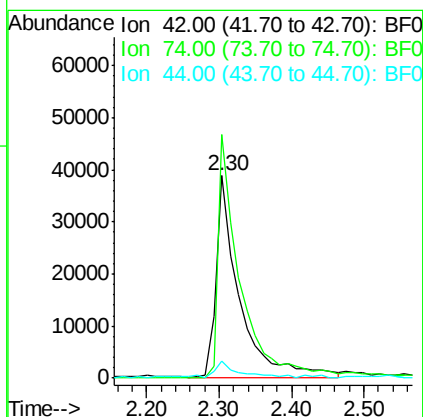
RT: 2.30 min Scan# 54

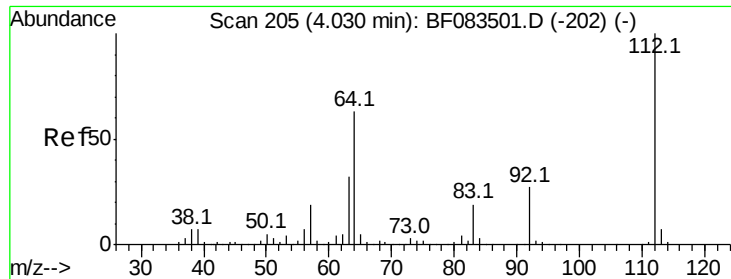
Delta R.T. 0.03 min

Lab File: BF083509.D

Acq: 5 Dec 2015 12:29

Tgt Ion	Ion	Ratio	Lower	Upper
42	100			
74	120.5	92.9	139.3	
44	8.3	5.7	8.5	





#5

2-Fluorophenol

Concen: 55.98 ng

RT: 4.04 min Scan# 206

Delta R.T. 0.01 min

Lab File: BF083509.D

Acq: 5 Dec 2015 12:29

Instrument :

BNA_F

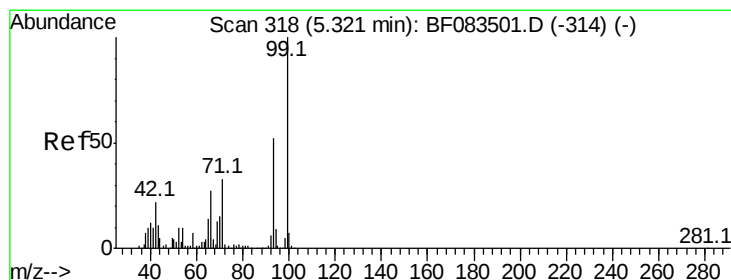
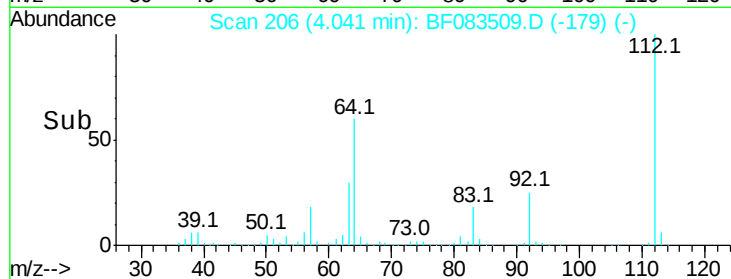
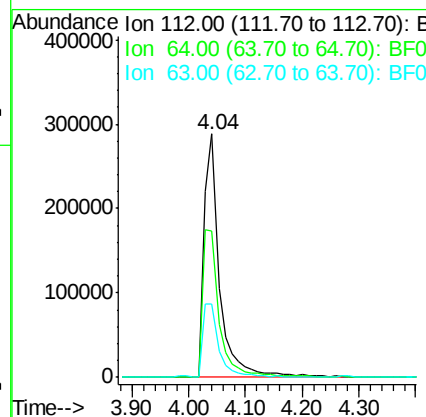
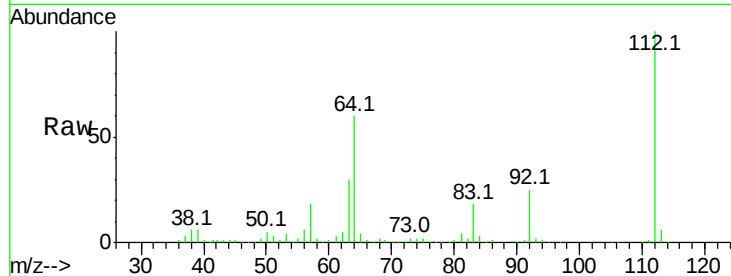
ClientSampleId :

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12/7/2015 6:30:53 PM

Tot Ion:	112	Resp:	530549
Ion Ratio	Lower	Upper	
112	100		
64	60.2	50.5	75.7
63	30.4	25.8	38.6



#6

Aniline

Concen: 19.06 ng

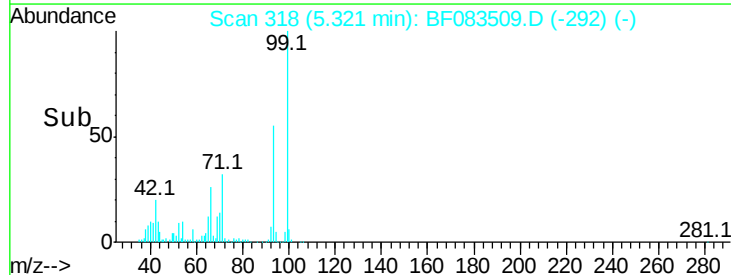
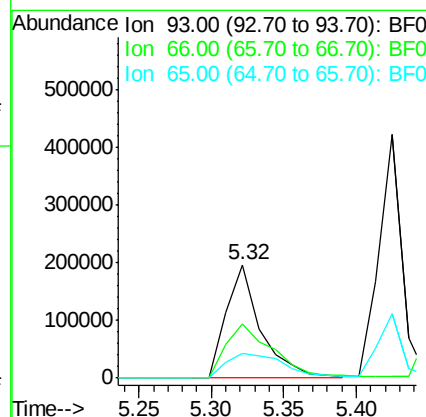
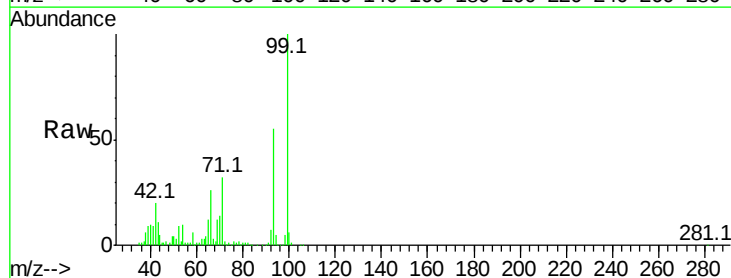
RT: 5.32 min Scan# 318

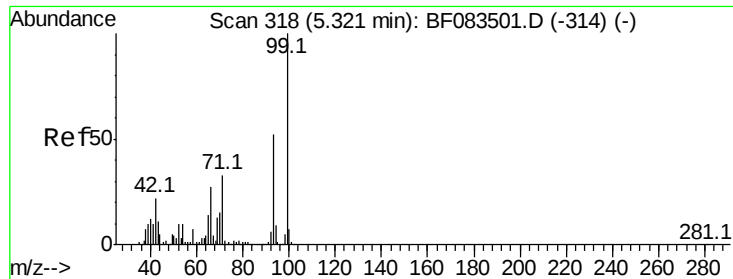
Delta R.T. 0.00 min

Lab File: BF083509.D

Acq: 5 Dec 2015 12:29

Tgt Ion:	93	Resp:	323981
Ion Ratio	Lower	Upper	
93	100		
66	47.7	41.3	61.9
65	21.8	20.8	31.2





#7

Phenol-d6

Concen: 32.58 ng

RT: 5.32 min Scan# 318

Delta R.T. 0.00 min

Lab File: BF083509.D

Acq: 5 Dec 2015 12:29

Instrument :

BNA_F

ClientSampleId :

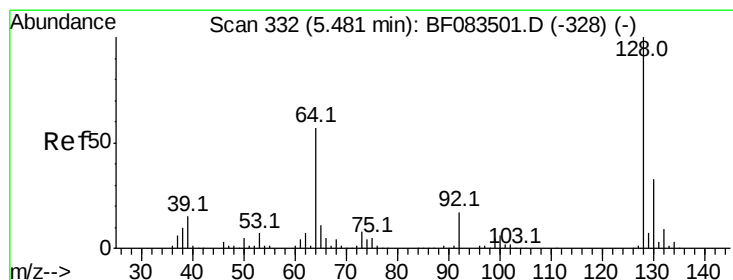
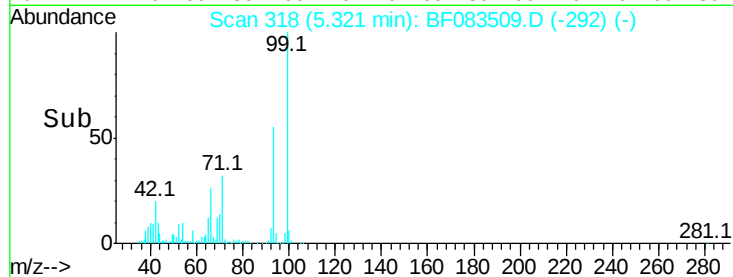
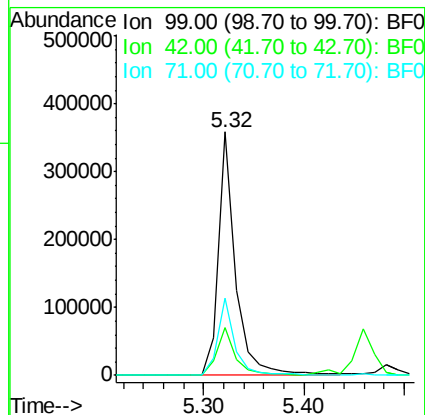
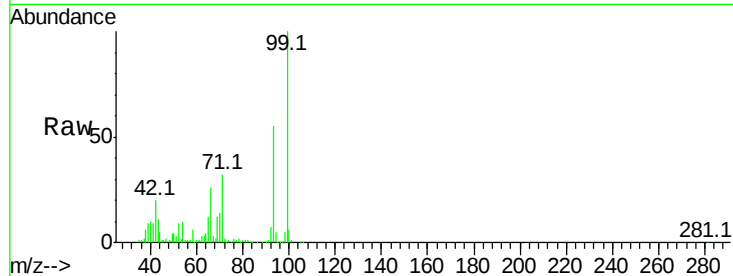
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Tot Ion	99	Resp	425359
Ion Ratio	Lower	Upper	
99	100		
42	19.7	17.3	25.9
71	31.5	26.6	40.0



#8

2-Chlorophenol

Concen: 33.20 ng

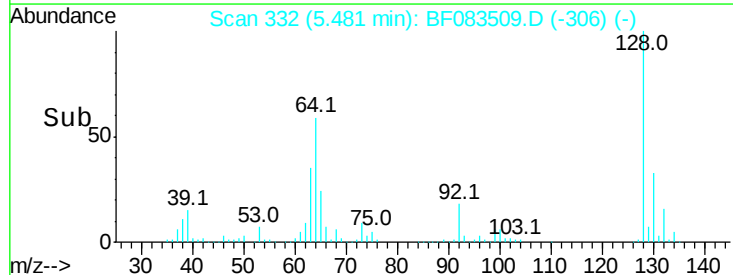
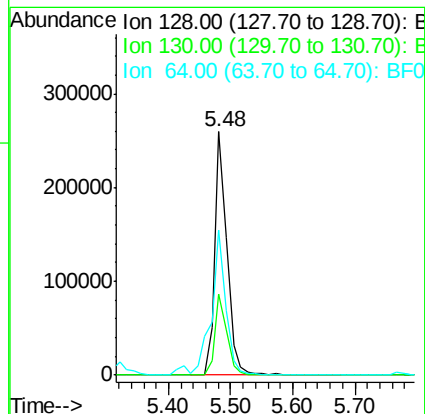
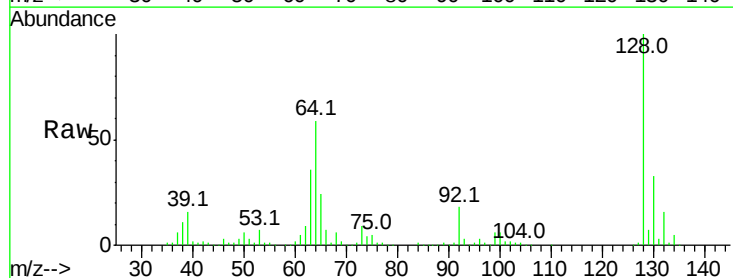
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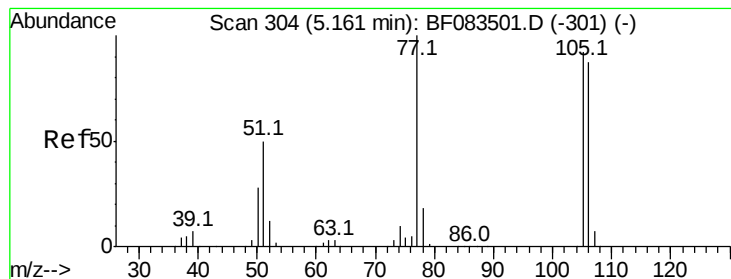
Delta R.T. 0.00 min

Lab File: BF083509.D

Acq: 5 Dec 2015 12:29

Tgt Ion	128	Resp	349934
Ion Ratio	Lower	Upper	
128	100		
130	33.3	12.6	52.6
64	59.4	38.6	78.6





#9

Benzaldehyde

Concen: 21.85 ng

RT: 5.16 min Scan# 304

Delta R.T. 0.00 min

Lab File: BF083509.D

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Instrument :

BNA_F

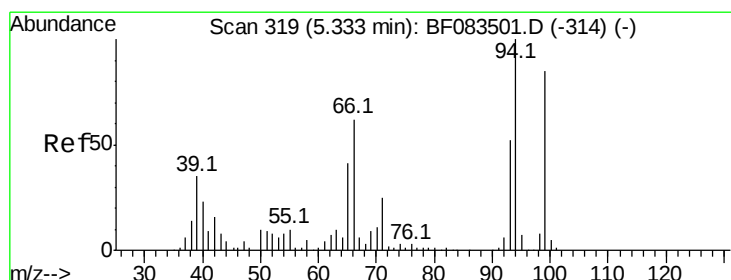
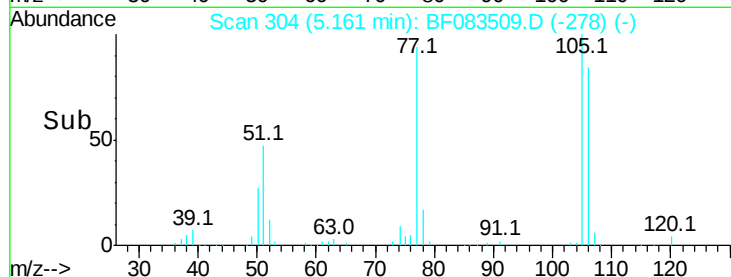
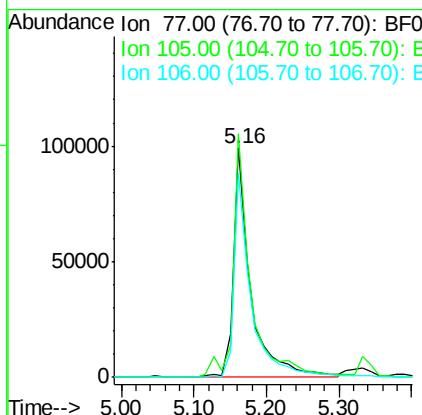
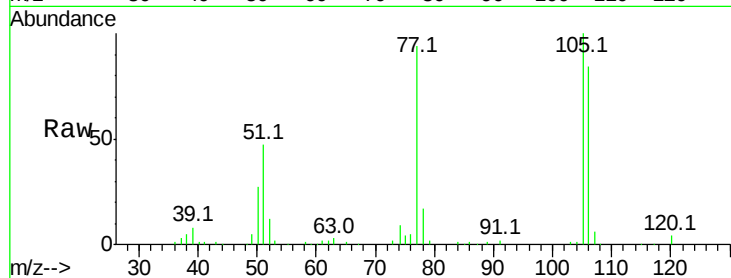
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Tot Ion:	77	Resp:	163553
Ion Ratio	Lower	Upper	
77	100		
105	106.3	71.8	111.8
106	89.0	66.8	106.8



#10

Phenol

Concen: 12.55 ng

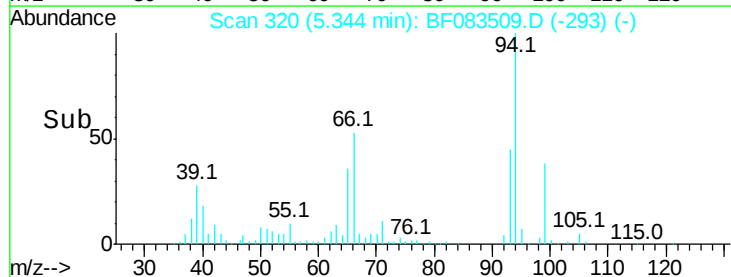
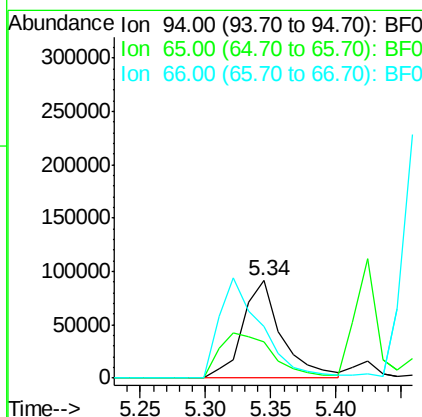
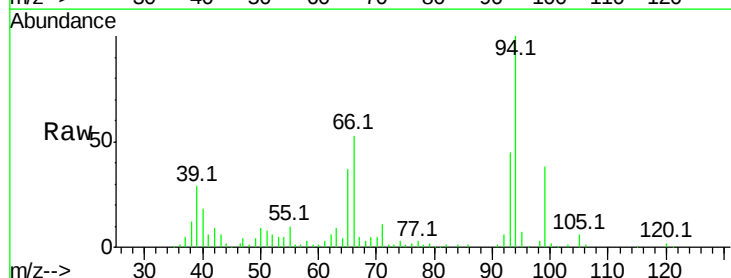
RT: 5.34 min Scan# 320

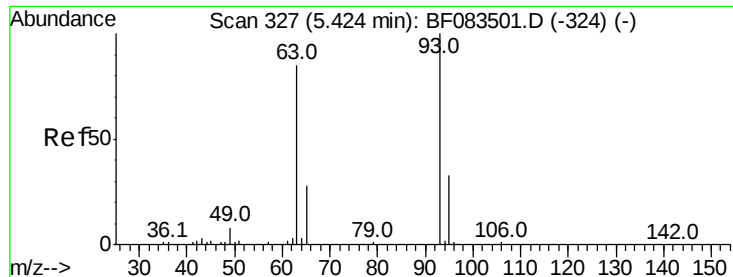
Delta R.T. 0.01 min

Lab File: BF083509.D

Acq: 5 Dec 2015 12:29

Tgt Ion:	94	Resp:	191654
Ion Ratio	Lower	Upper	
94	100		
65	37.3	20.9	60.9
66	53.1	41.6	81.6





#11

bis(2-Chloroethyl)ether

Concen: 40.29 ng

RT: 5.42 min Scan# 327

Delta R.T. 0.00 min

Lab File: BF083509.D

Acq: 5 Dec 2015 12:29

Instrument :

BNA_F

ClientSampleId :

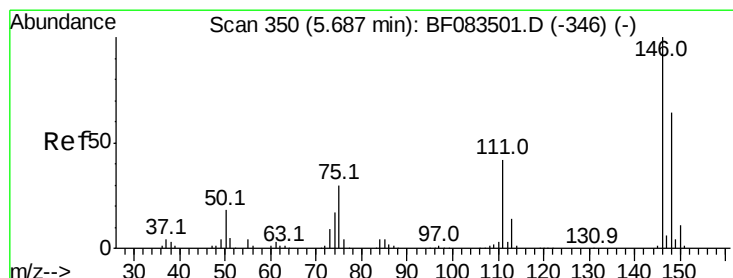
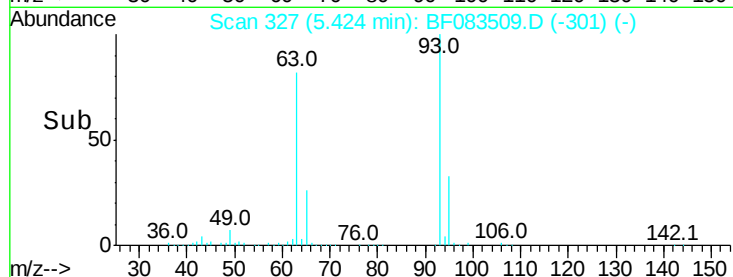
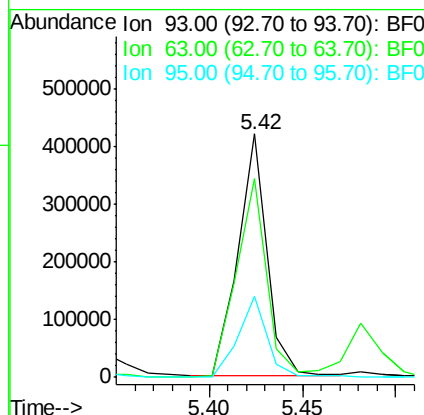
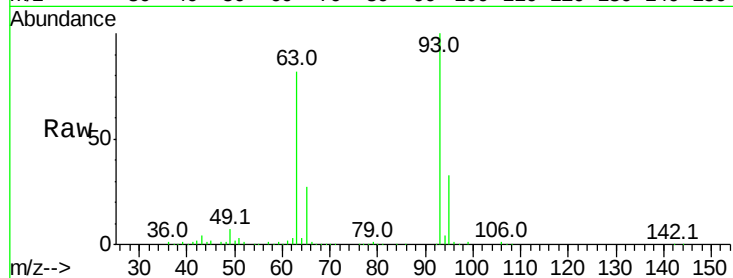
20151124MGP211BRV71MS

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Mmdadoda

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Tot Ion:	93	Resp:	455974
Ion	Ratio	Lower	Upper
93	100		
63	81.9	64.7	104.7
95	33.3	12.7	52.7



#12

1,3-Dichlorobenzene

Concen: 35.81 ng

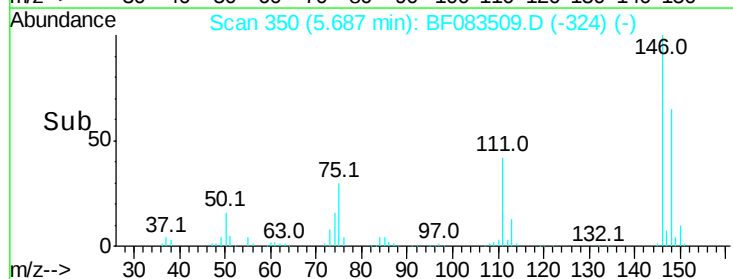
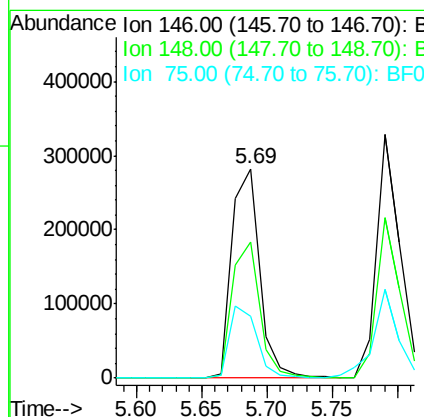
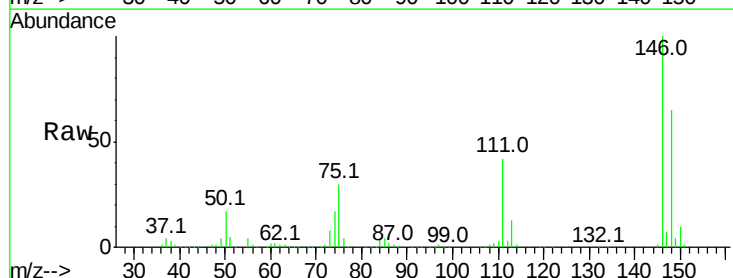
RT: 5.69 min Scan# 350

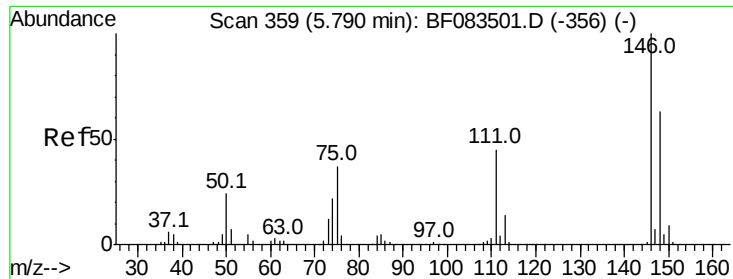
Delta R.T. 0.00 min

Lab File: BF083509.D

Acq: 5 Dec 2015 12:29

Tgt Ion:	146	Resp:	418592
Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.3	76.9
75	29.9	24.1	36.1





#13

1,4-Dichlorobenzene

Concen: 35.94 ng

RT: 5.79 min Scan# 359

Delta R.T. 0.00 min

Lab File: BF083509.D

Acq: 5 Dec 2015 12:29

Instrument :

BNA_F

ClientSampleId :

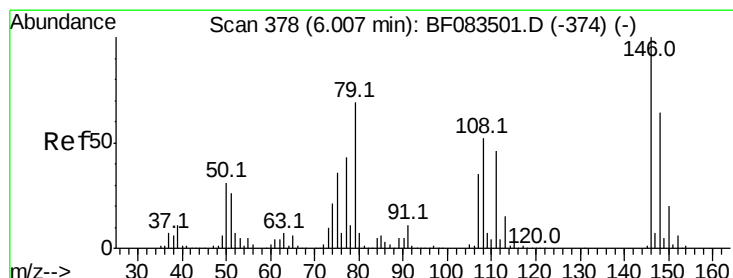
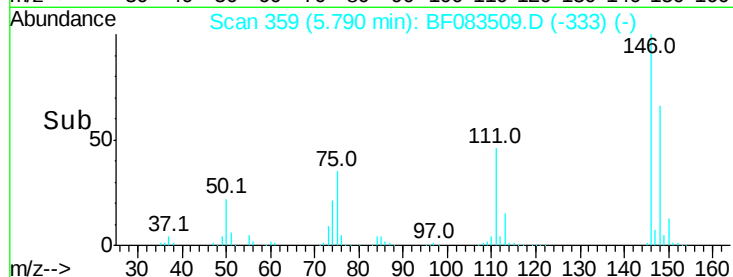
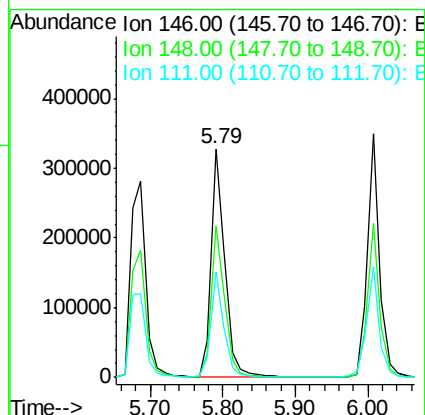
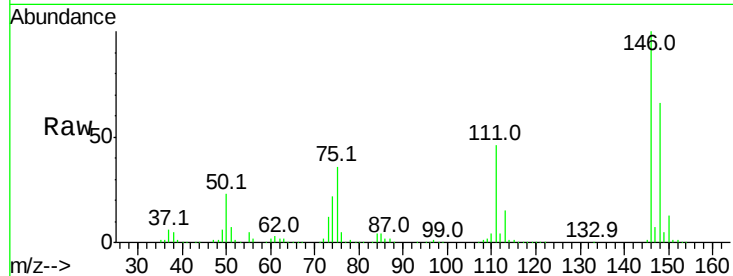
20151124MGP211BRV71MS

Manual Integrations
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Mmdadoda

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Tot Ion:	146	Resp:	428946
Ion Ratio	Lower	Upper	
146	100		
148	66.1	50.6	76.0
111	46.2	36.1	54.1



#14

1,2-Dichlorobenzene

Concen: 37.06 ng

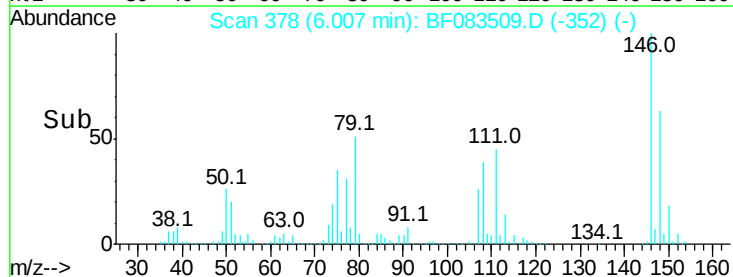
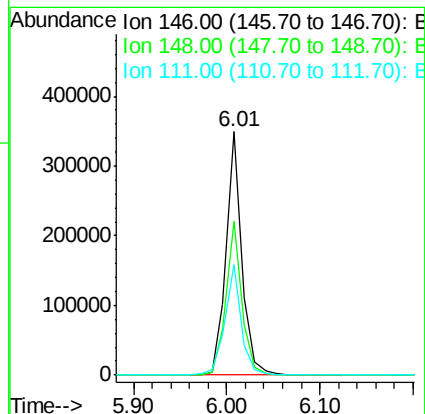
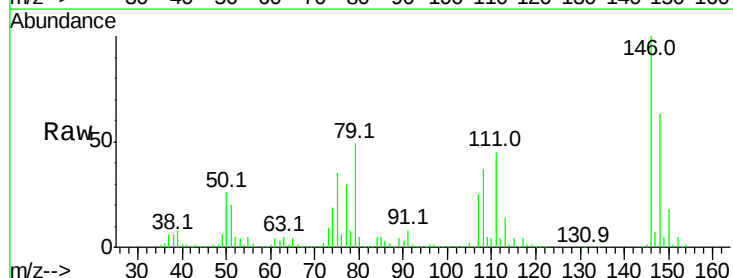
RT: 6.01 min Scan# 378

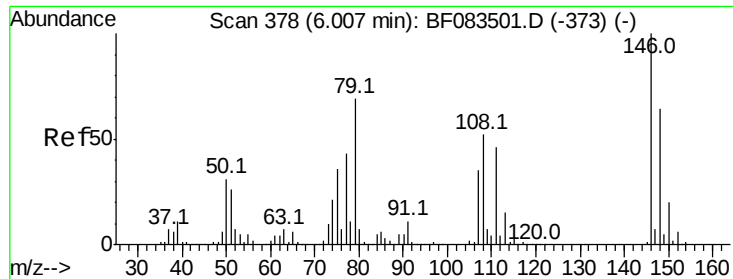
Delta R.T. 0.00 min

Lab File: BF083509.D

Acq: 5 Dec 2015 12:29

Tgt Ion:	146	Resp:	406772
Ion Ratio	Lower	Upper	
146	100		
148	63.5	51.4	77.0
111	45.3	36.7	55.1





#15

Benzyl Alcohol

Concen: 28.91 ng

RT: 6.01 min Scan# 378

Delta R.T. 0.00 min

Lab File: BF083509.D

Acq: 5 Dec 2015 12:29

Instrument :

BNA_F

ClientSampleId :

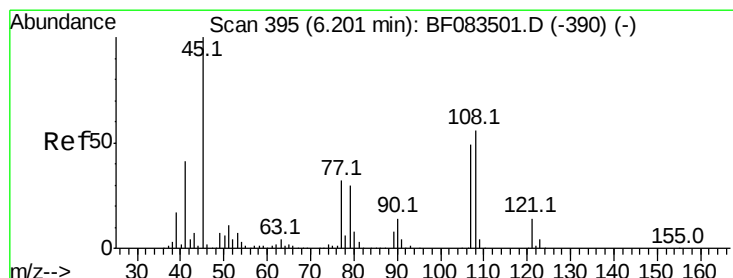
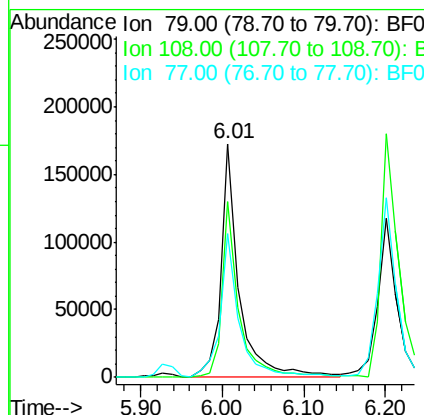
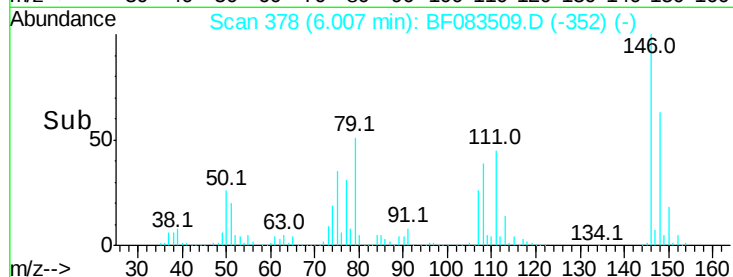
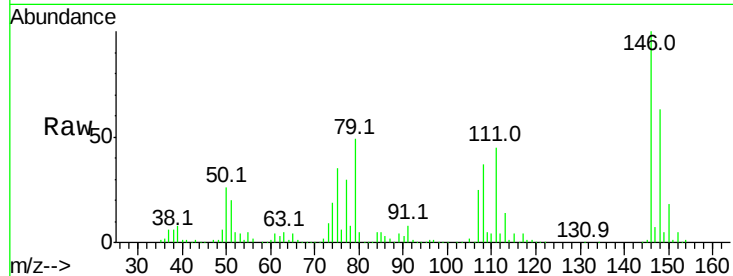
20151124MGP211BRV71MS

Manual Integrations
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Mmdadoda

12/7/2015 6:30:53 PM

Tot Ion:	79	Resp:	261858
Ion Ratio	Lower	Upper	
79	100		
108	75.5	59.6	89.4
77	61.5	49.8	74.6



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.27 ng

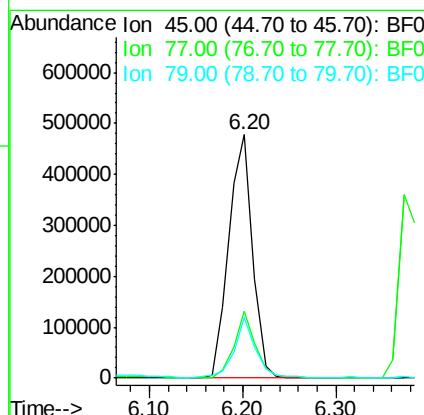
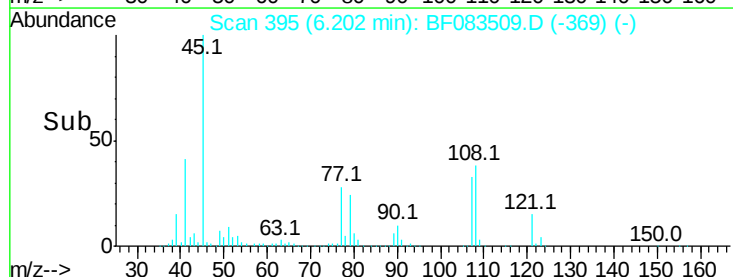
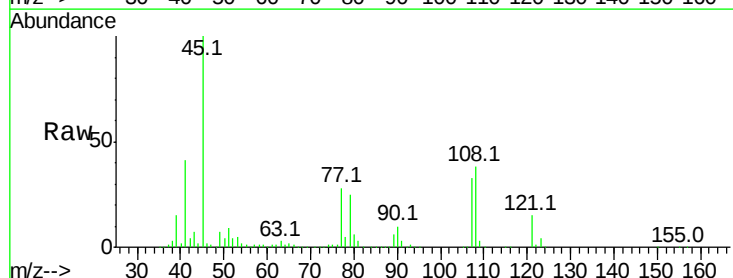
RT: 6.20 min Scan# 395

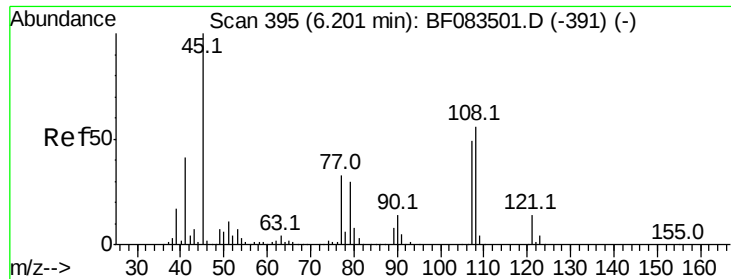
Delta R.T. 0.00 min

Lab File: BF083509.D

Acq: 5 Dec 2015 12:29

Tgt Ion:	45	Resp:	844880
Ion Ratio	Lower	Upper	
45	100		
77	27.8	12.8	52.8
79	24.7	10.7	50.7





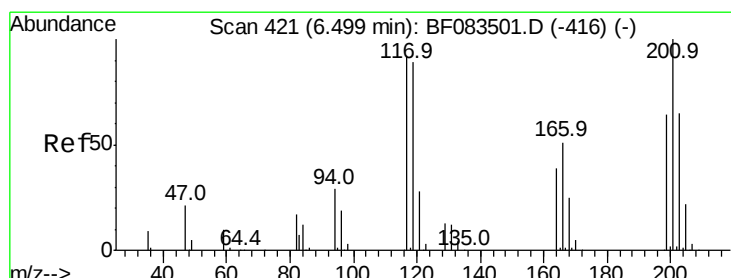
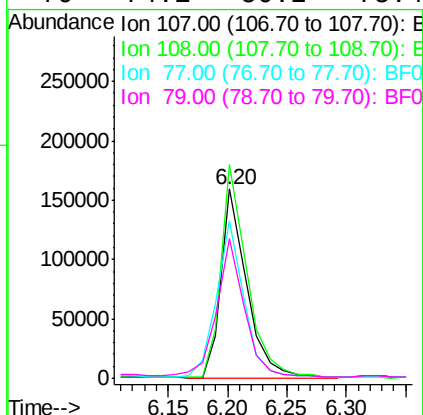
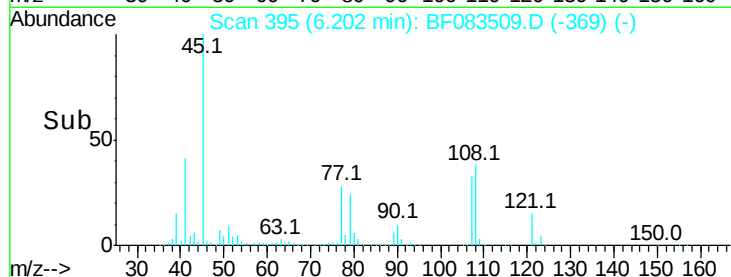
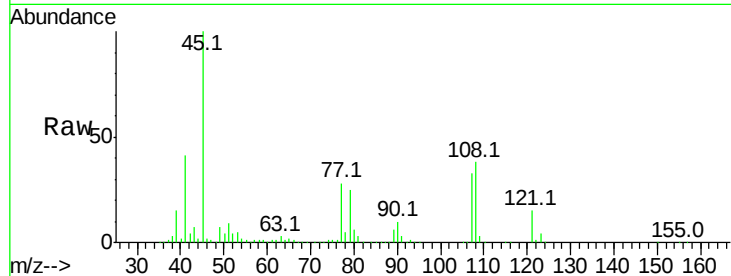
#17
2-Methylphenol
Concen: 27.44 ng
RT: 6.20 min Scan# 395
Delta R.T. 0.00 min
Lab File: BF083509.D
Acq: 5 Dec 2015 12:29

Instrument :
BNA_F
ClientSampleId :
20151124MGP211BRV71MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.9	91.6	137.4	
77	83.3	53.7	80.5	
79	74.1	50.2	75.4	

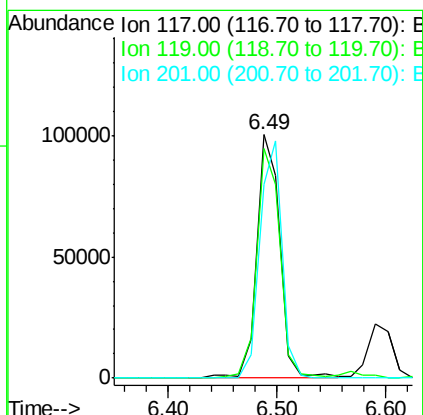
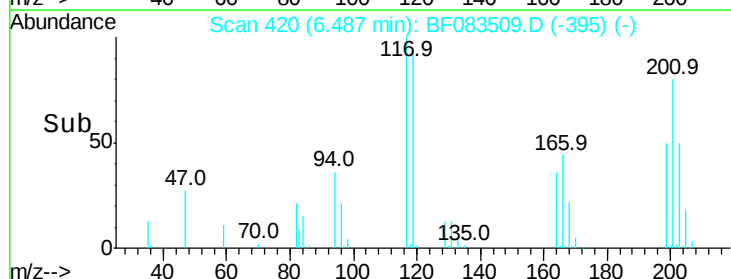
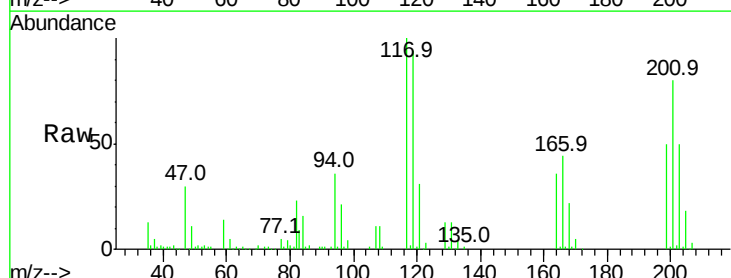
Manual Integrations
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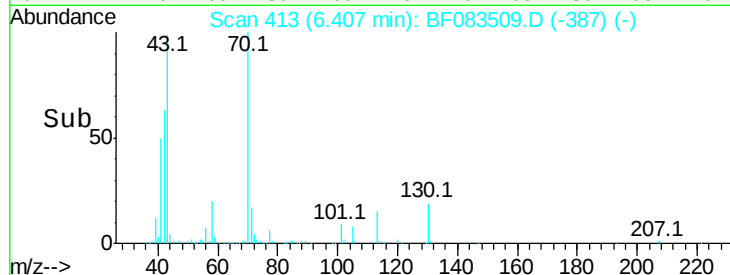
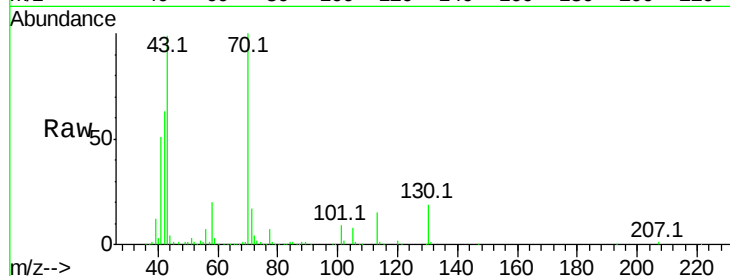
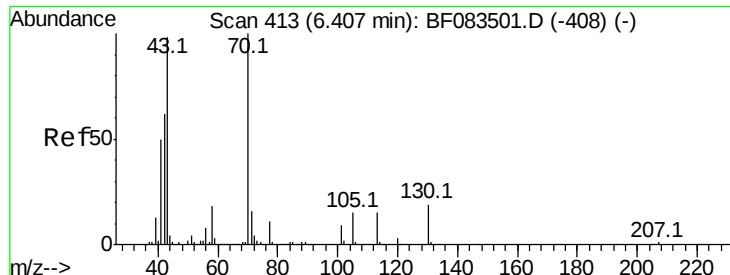
Mmdadoda
12/7/2015 6:30:53 PM



#18
Hexachloroethane
Concen: 35.93 ng
RT: 6.49 min Scan# 420
Delta R.T. -0.01 min
Lab File: BF083509.D
Acq: 5 Dec 2015 12:29

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.2	77.2	115.8	
201	79.7	86.8	130.2	





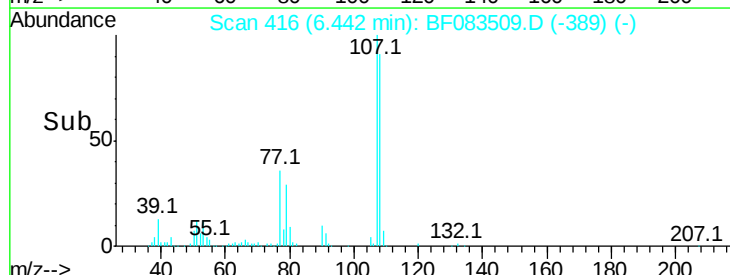
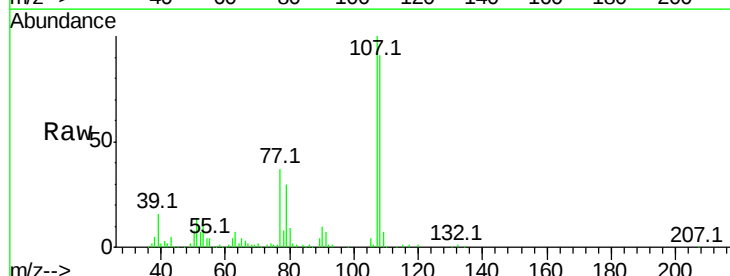
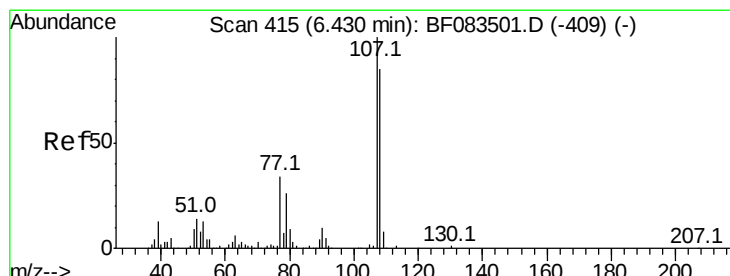
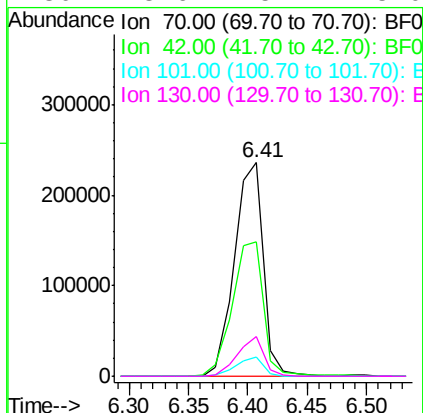
#19
n-Nitroso-di-n-propylamine
Concen: 46.00 ng
RT: 6.41 min Scan# 413
Delta R.T. 0.00 min
Lab File: BF083509.D
Acq: 5 Dec 2015 12:29

Instrument :
BNA_F
ClientSampleId :
20151124MGP211BRV71MS

Manual Integrations
APPROVED

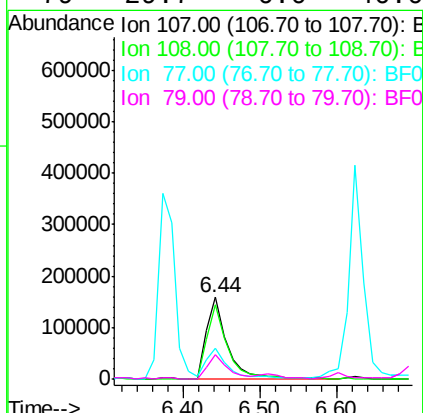
Mmdadoda
12/7/2015 6:30:53 PM

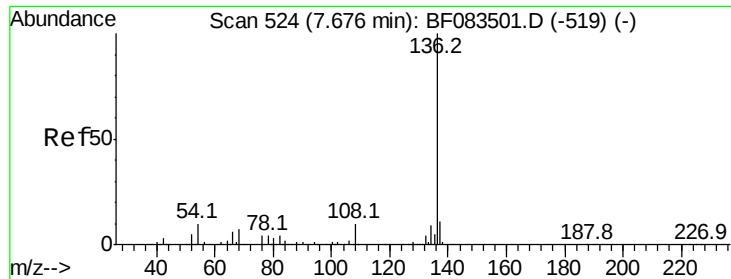
Tot Ion	Ratio	Lower	Upper
70	100		
42	63.0	49.2	73.8
101	9.1	7.1	10.7
130	18.6	15.4	23.0



#20
3+4-Methylphenols
Concen: 25.73 ng
RT: 6.44 min Scan# 416
Delta R.T. 0.01 min
Lab File: BF083509.D
Acq: 5 Dec 2015 12:29

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.1	65.2	105.2
77	37.2	15.2	55.2
79	29.7	6.0	46.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.68 min Scan# 524

Delta R.T. 0.00 min

Lab File: BF083509.D

Acq: 5 Dec 2015 12:29

Instrument :

BNA_F

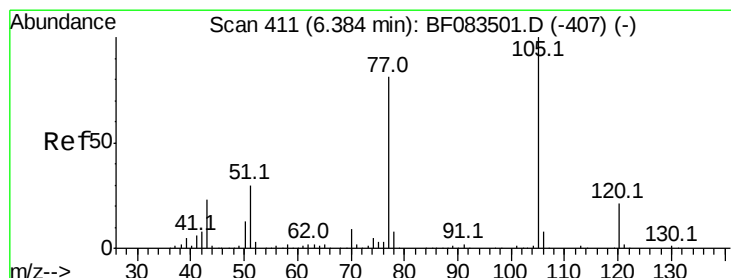
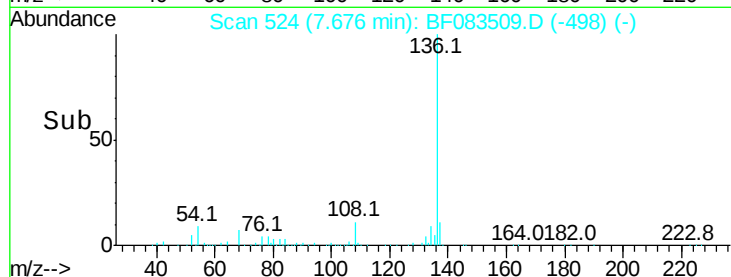
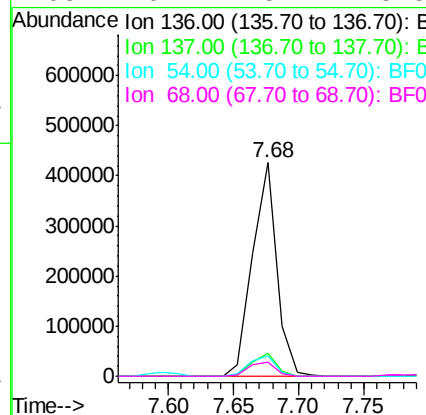
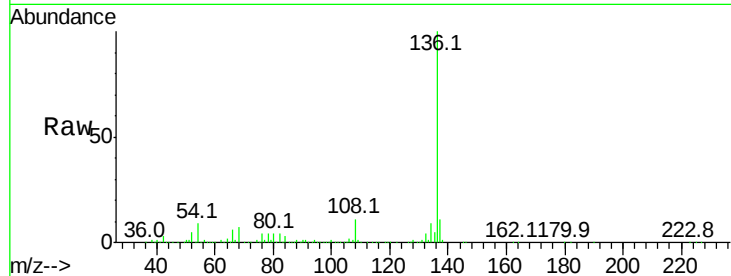
ClientSampleId :

20151124MGP211BRV71MS

Manual Integrations
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Mmdadoda
12/7/2015 6:30:53 PM

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.7	8.7	13.1	
54	9.4	7.8	11.6	
68	6.7	5.7	8.5	



#22

Acetophenone

Concen: 42.12 ng

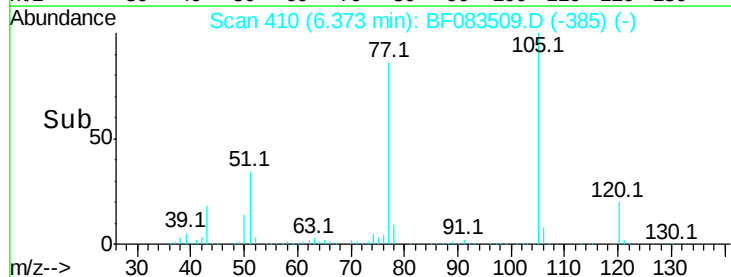
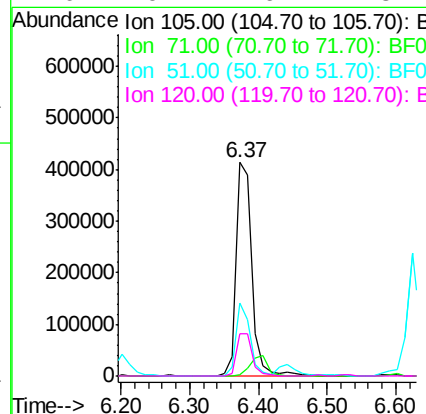
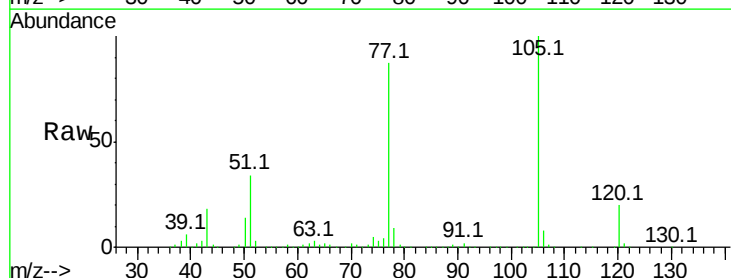
RT: 6.37 min Scan# 410

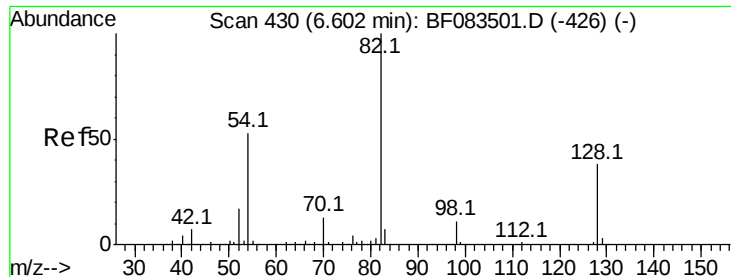
Delta R.T. -0.01 min

Lab File: BF083509.D

Acq: 5 Dec 2015 12:29

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.5	1.3	1.9#	
51	34.2	23.8	35.8	
120	19.7	16.7	25.1	





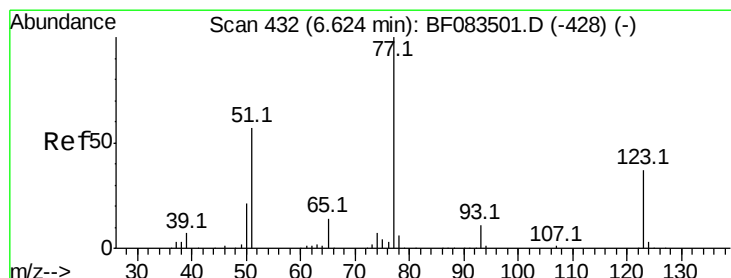
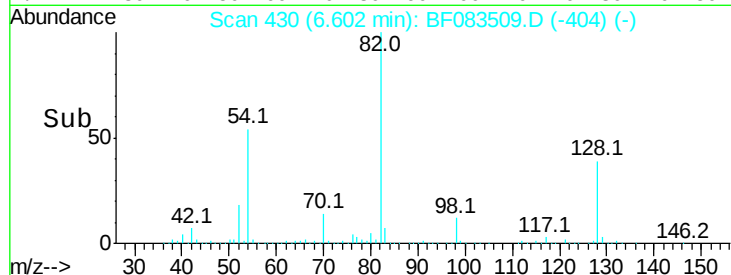
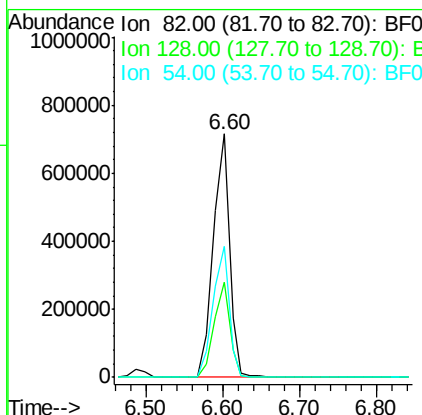
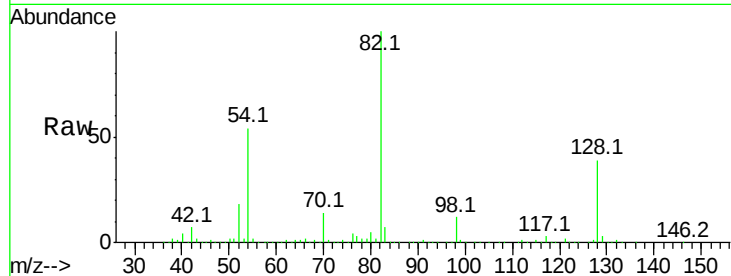
#23
Nitrobenzene-d5
Concen: 89.27 ng
RT: 6.60 min Scan# 430
Delta R.T. 0.00 min
Lab File: BF083509.D
Acq: 5 Dec 2015 12:29

Instrument :
BNA_F
ClientSampleId :
20151124MGP211BRV71MS

Tot Ion	82	Resp	1056462
Ion Ratio	100	Lower	Upper
128	39.2	30.7	46.1
54	53.7	42.5	63.7

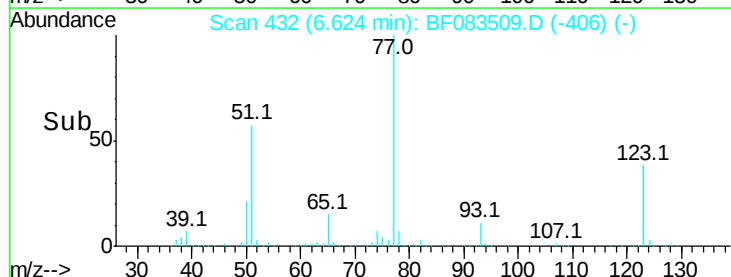
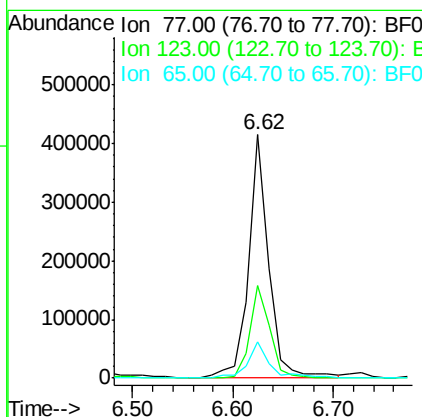
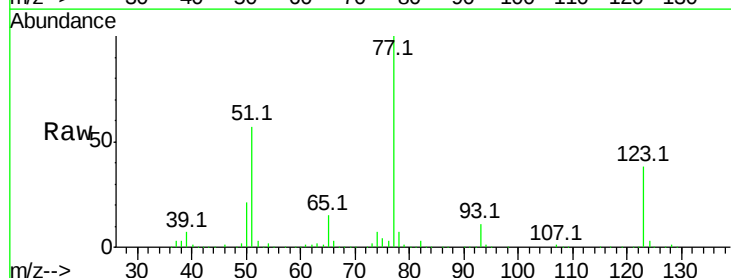
Manual Integrations
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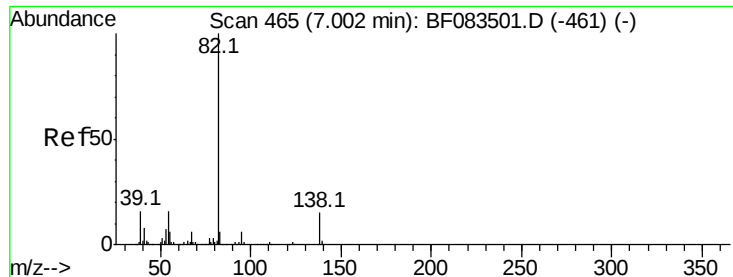
Mmdadoda
12/7/2015 6:30:53 PM



#24
Nitrobenzene
Concen: 43.18 ng
RT: 6.62 min Scan# 432
Delta R.T. 0.00 min
Lab File: BF083509.D
Acq: 5 Dec 2015 12:29

Tgt Ion	77	Resp	562797
Ion Ratio	100	Lower	Upper
123	37.8	29.8	44.6
65	14.8	11.1	16.7





#25

Isophorone

Concen: 44.46 ng

RT: 7.00 min Scan# 465

Delta R.T. 0.00 min

Lab File: BF083509.D

Acq: 5 Dec 2015 12:29

Instrument :

BNA_F

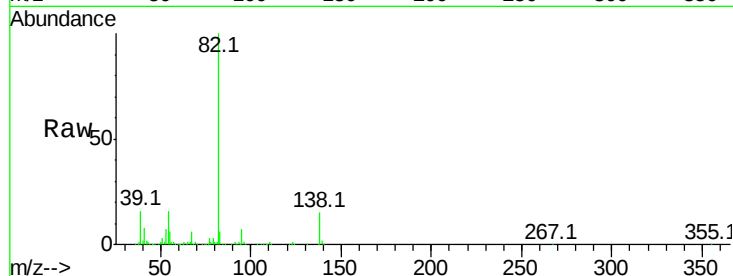
ClientSampleId :

20151124MGP211BRV71MS

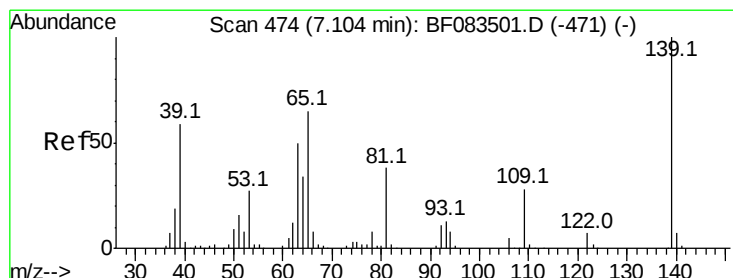
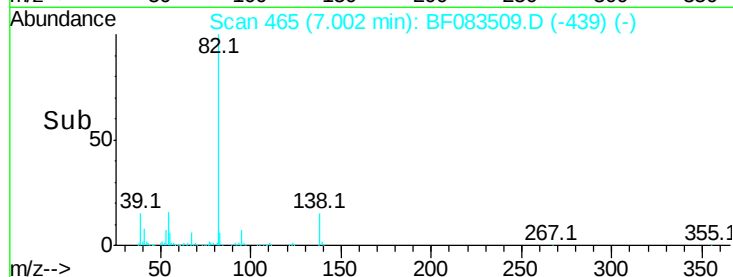
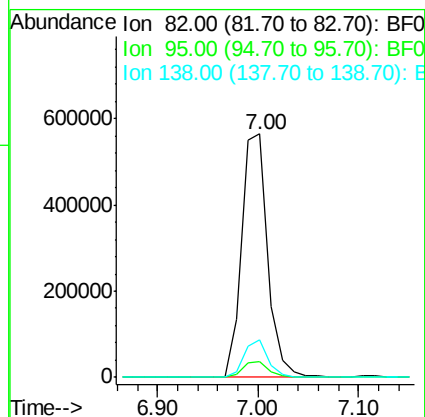
Manual Integrations
APPROVED

Mmdadoda

12/7/2015 6:30:53 PM



Tot Ion	82	Resp	1010458
Ion	Ratio	Lower	Upper
82	100		
95	6.6	5.0	7.4
138	15.2	12.1	18.1



#26

2-Nitrophenol

Concen: 42.30 ng

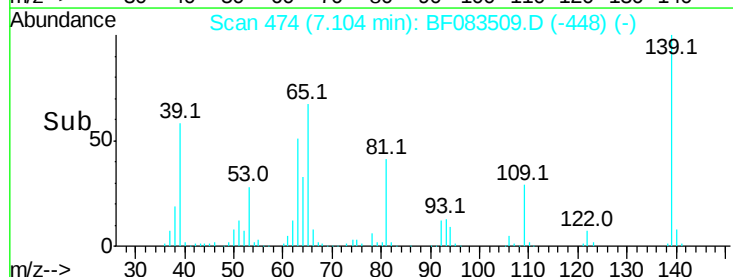
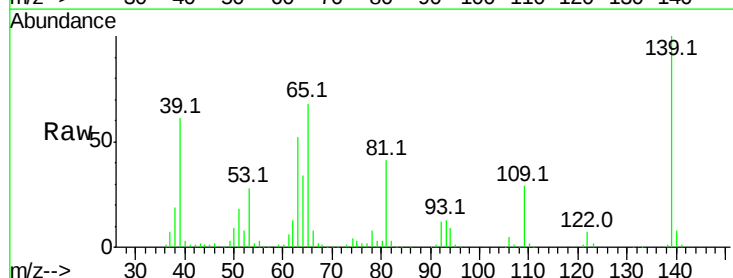
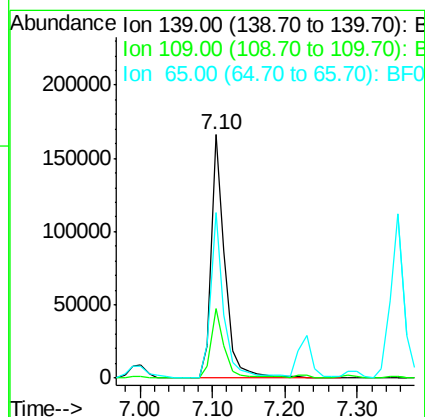
RT: 7.10 min Scan# 474

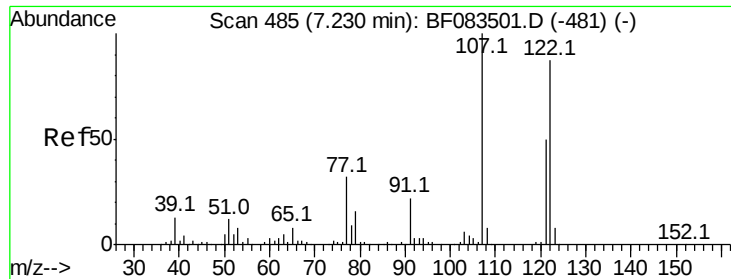
Delta R.T. 0.00 min

Lab File: BF083509.D

Acq: 5 Dec 2015 12:29

Tgt Ion	139	Resp	217553
Ion	Ratio	Lower	Upper
139	100		
109	28.7	22.7	34.1
65	67.9	51.8	77.8





#27

2,4-Dimethylphenol

Concen: 39.02 ng

RT: 7.23 min Scan# 485

Delta R.T. 0.00 min

Lab File: BF083509.D

Acq: 5 Dec 2015 12:29

Instrument :

BNA_F

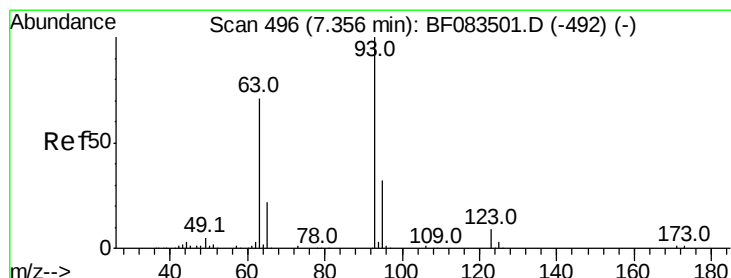
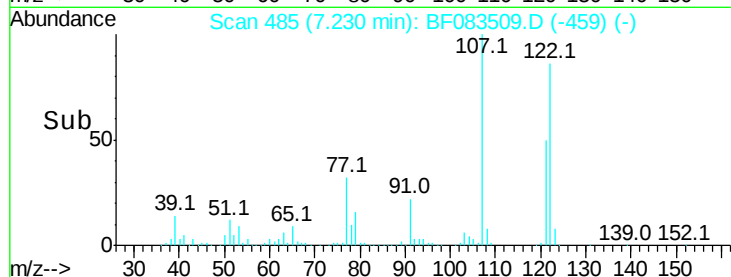
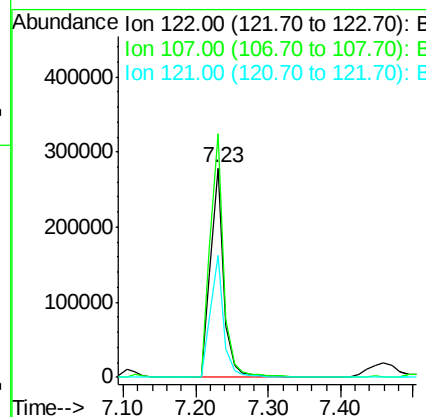
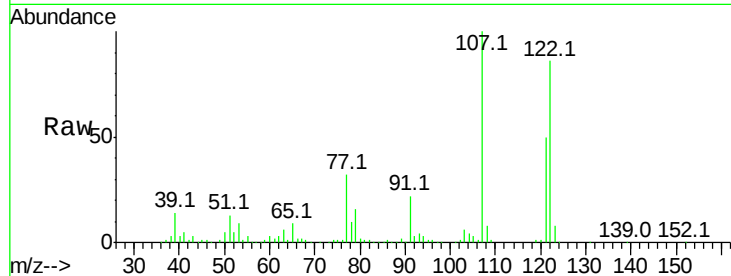
ClientSampleId :

20151124MGP211BRV71MS

Tot Ion:	122	Resp:	354555
Ion Ratio	Lower	Upper	
122	100		
107	116.2	92.4	138.6
121	58.3	45.8	68.6

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#28

bis(2-Chloroethoxy)methane

Concen: 47.03 ng

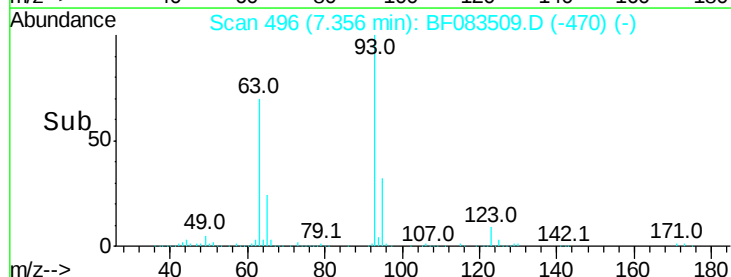
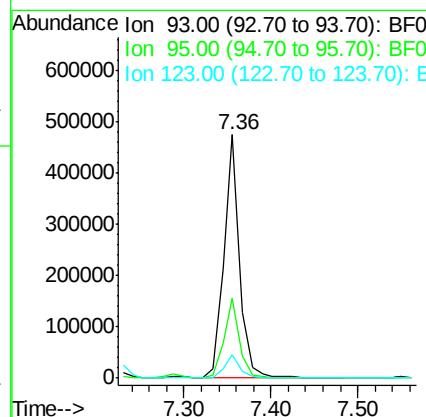
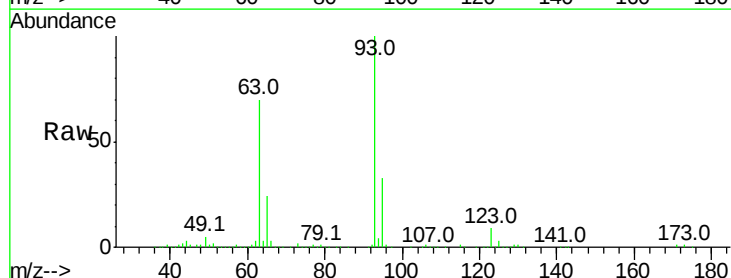
RT: 7.36 min Scan# 496

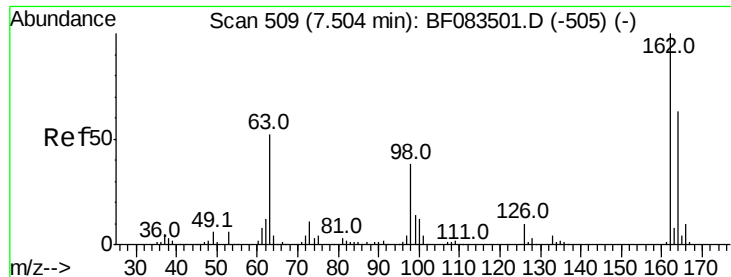
Delta R.T. 0.00 min

Lab File: BF083509.D

Acq: 5 Dec 2015 12:29

Tgt Ion:	93	Resp:	595596
Ion Ratio	Lower	Upper	
93	100		
95	32.6	25.6	38.4
123	9.4	7.3	10.9





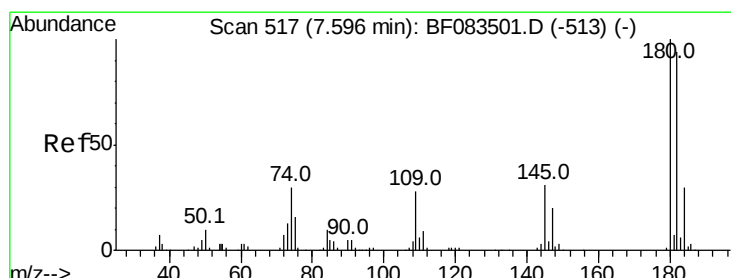
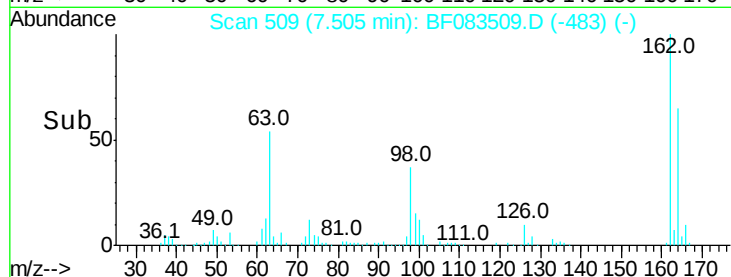
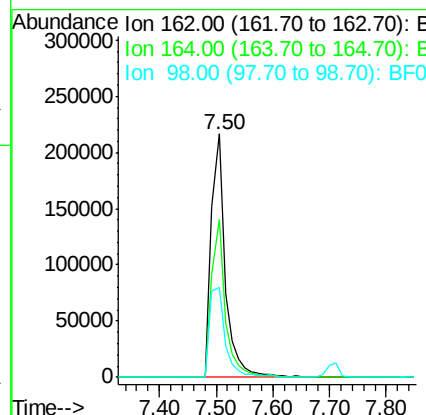
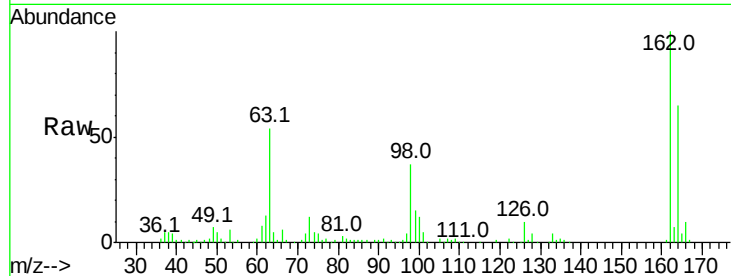
#29
 2,4-Dichlorophenol
 Concen: 43.62 ng
 RT: 7.50 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: BF083509.D
 Acq: 5 Dec 2015 12:29

Instrument :
 BNA_F
 ClientSampleId :
 20151124MGP211BRV71MS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	65.1	43.4	83.4
98	36.8	17.5	57.5

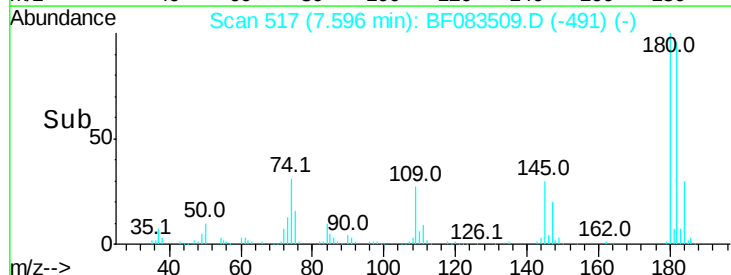
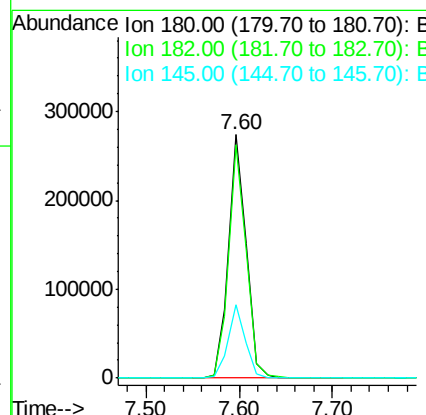
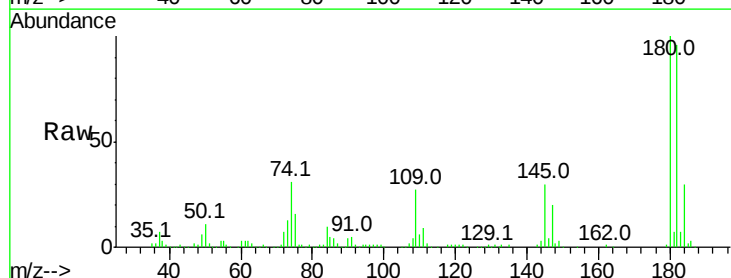
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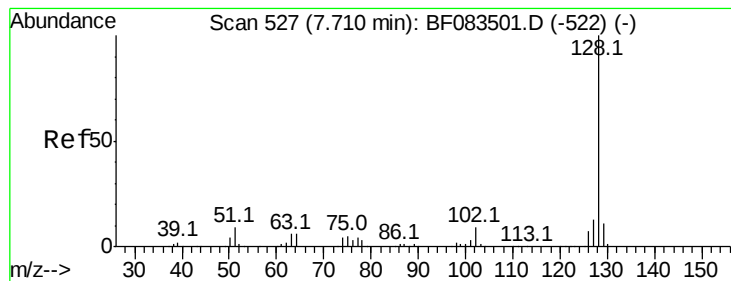
Mmdadoda
 12/7/2015 6:30:53 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 39.98 ng
 RT: 7.60 min Scan# 517
 Delta R.T. 0.00 min
 Lab File: BF083509.D
 Acq: 5 Dec 2015 12:29

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.7	74.9	112.3
145	30.4	24.7	37.1





#31

Naphthalene

Concen: 42.72 ng

RT: 7.71 min Scan# 527

Delta R.T. 0.00 min

Lab File: BF083509.D

Acq: 5 Dec 2015 12:29

Instrument :

BNA_F

ClientSampleId :

20151124MGP211BRV71MS

Tot Ion:128 Resp: 1257804

Ion Ratio Lower Upper

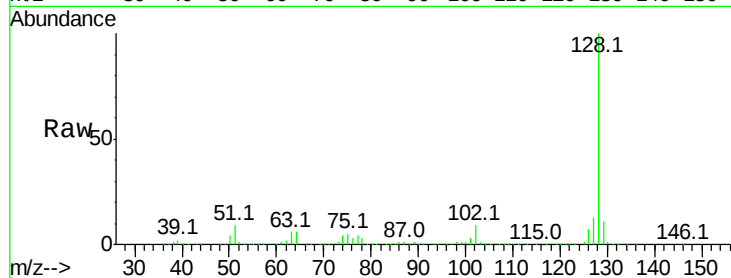
128 100

129 11.1 8.6 13.0

127 13.0 10.6 16.0

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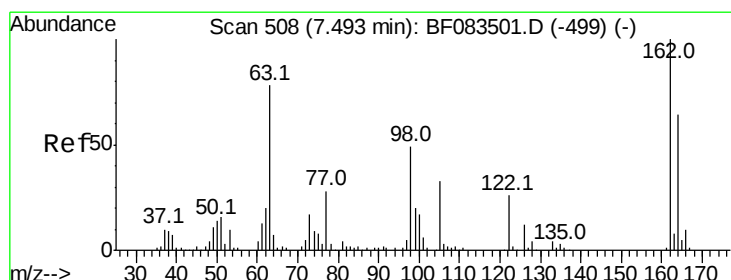
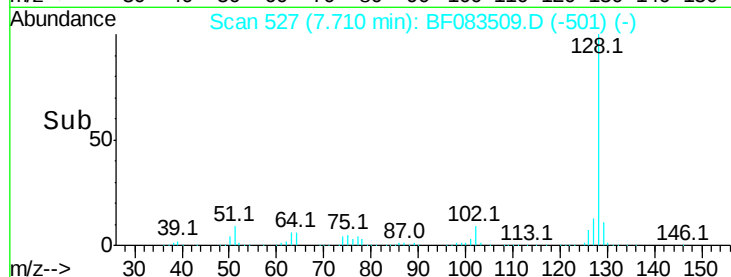
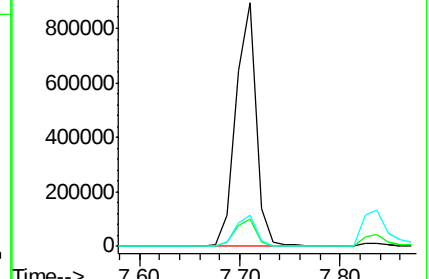
Mmdadoda
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 14.31 ng

RT: 7.46 min Scan# 505

Delta R.T. -0.03 min

Lab File: BF083509.D

Acq: 5 Dec 2015 12:29

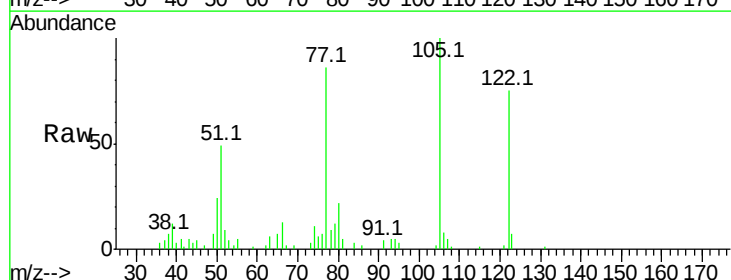
Tgt Ion:122 Resp: 61077

Ion Ratio Lower Upper

122 100

105 133.3 105.6 145.6

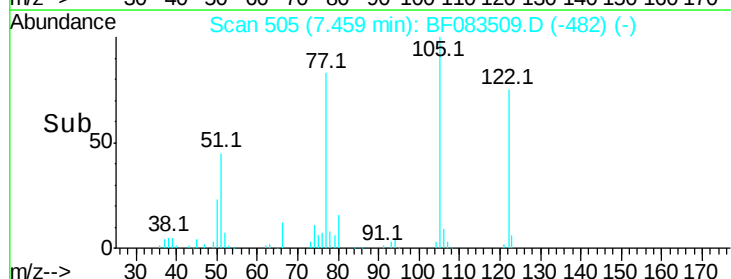
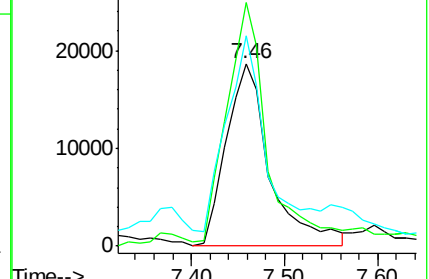
77 115.0 86.8 126.8

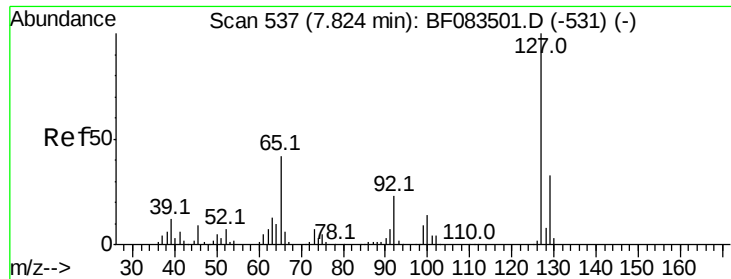


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





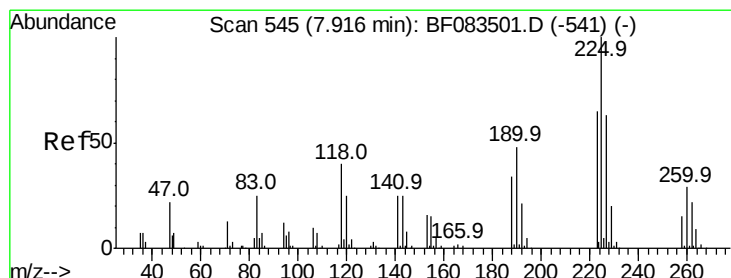
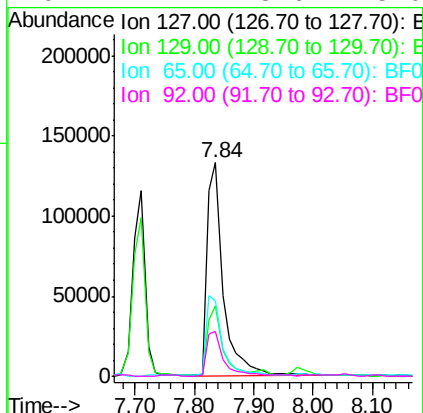
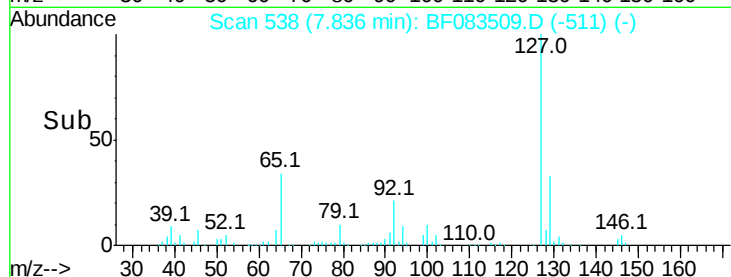
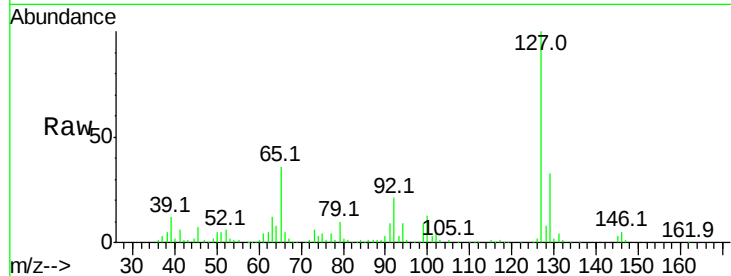
#33
4-Chloroaniline
Concen: 22.02 ng
RT: 7.84 min Scan# 538
Delta R.T. 0.01 min
Lab File: BF083509.D
Acq: 5 Dec 2015 12:29

Instrument :
BNA_F
ClientSampleId :
20151124MGP211BRV71MS

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.1	26.1	39.1
65	35.6	33.5	50.3
92	21.1	18.6	28.0

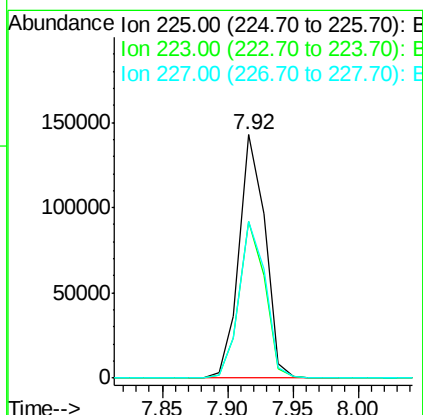
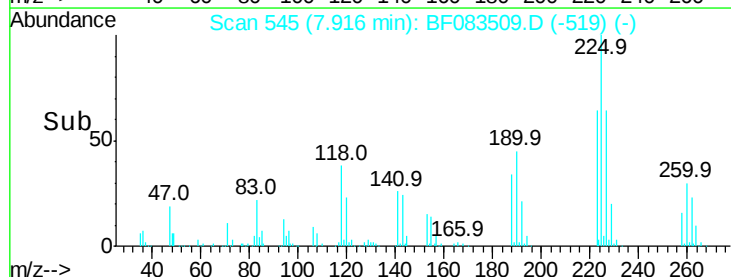
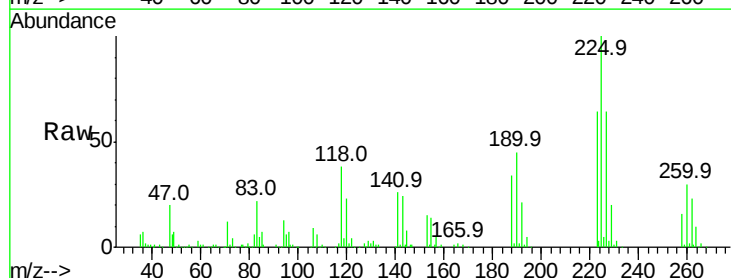
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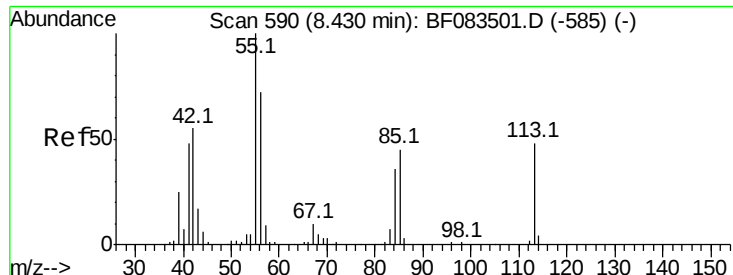
Mmdadoda
12/7/2015 6:30:53 PM



#34
Hexachlorobutadiene
Concen: 36.90 ng
RT: 7.92 min Scan# 545
Delta R.T. 0.00 min
Lab File: BF083509.D
Acq: 5 Dec 2015 12:29

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.4	52.3	78.5
227	64.1	50.4	75.6





#35

Caprolactam

Concen: 6.56 ng

RT: 8.43 min Scan# 590

Delta R.T. 0.00 min

Lab File: BF083509.D

Acq: 5 Dec 2015 12:29

Instrument :

BNA_F

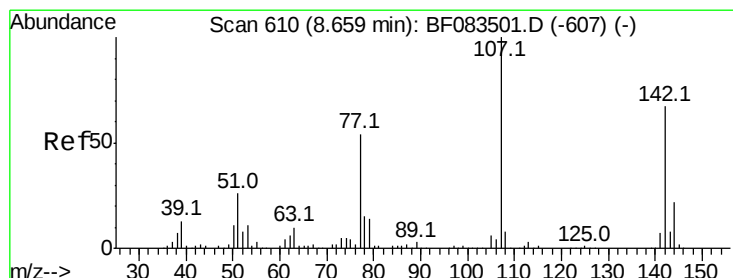
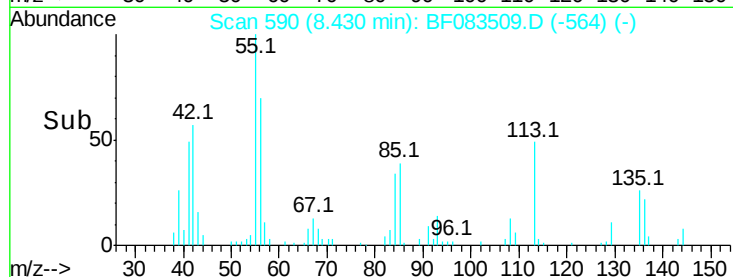
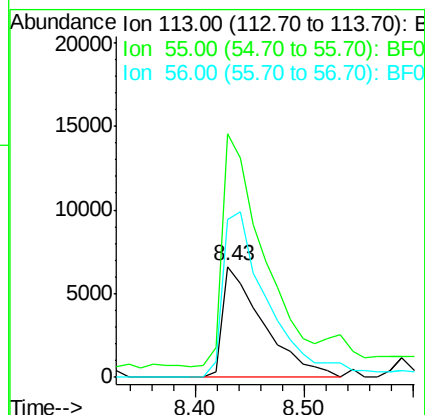
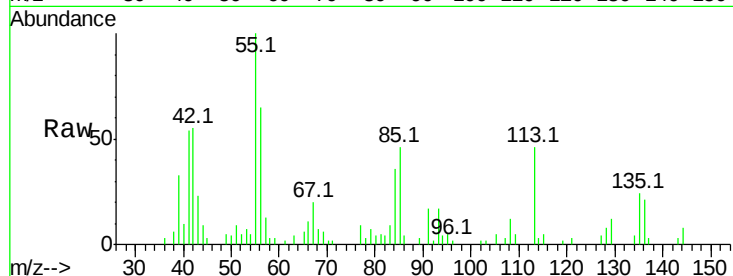
ClientSampleId :

20151124MGP211BRV71MS

Tot Ion:	113	Resp:	17131
Ion Ratio	Lower	Upper	
113	100		
55	219.6	189.7	229.7
56	142.4	130.7	170.7

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#36

4-Chloro-3-methylphenol

Concen: 39.92 ng

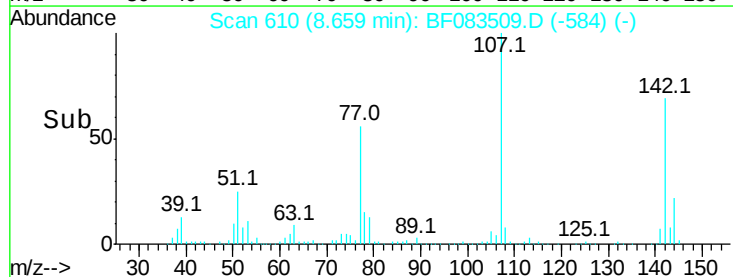
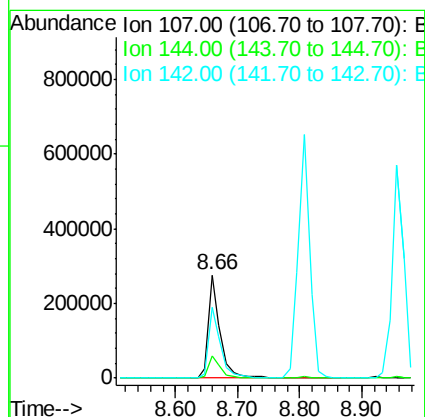
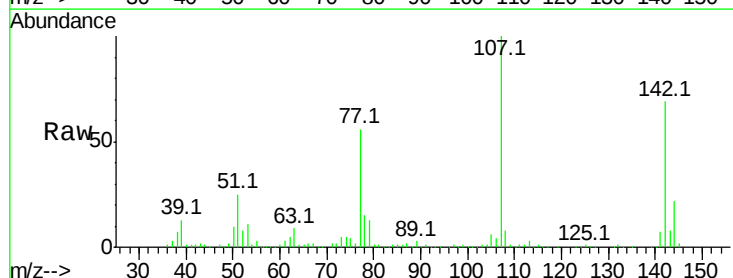
RT: 8.66 min Scan# 610

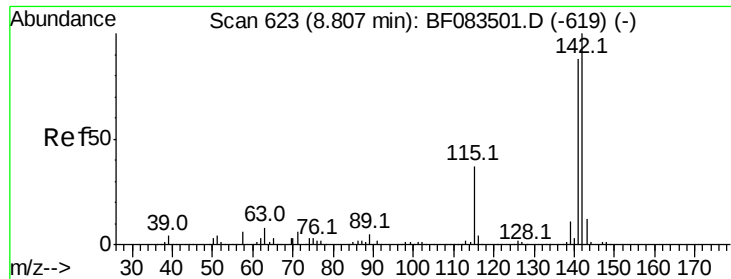
Delta R.T. 0.00 min

Lab File: BF083509.D

Acq: 5 Dec 2015 12:29

Tgt Ion:	107	Resp:	368676
Ion Ratio	Lower	Upper	
107	100		
144	21.8	17.5	26.3
142	69.0	53.6	80.4





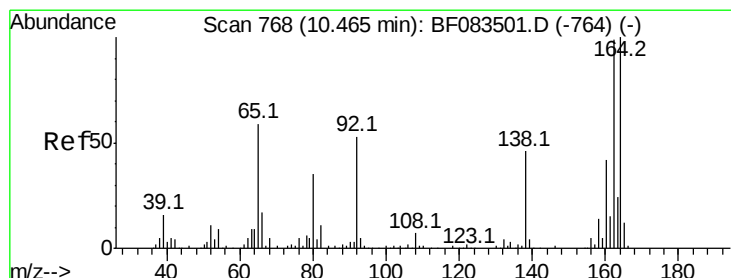
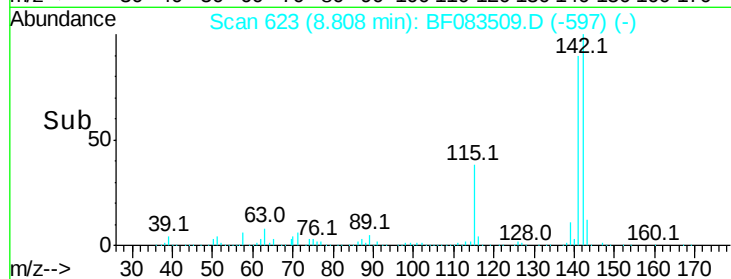
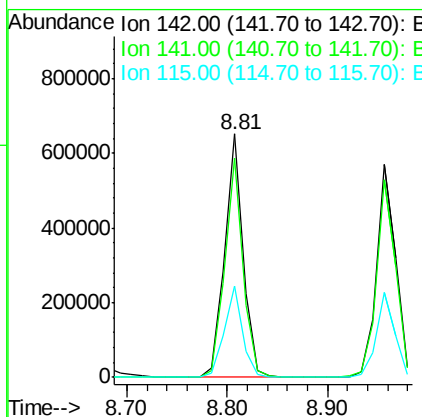
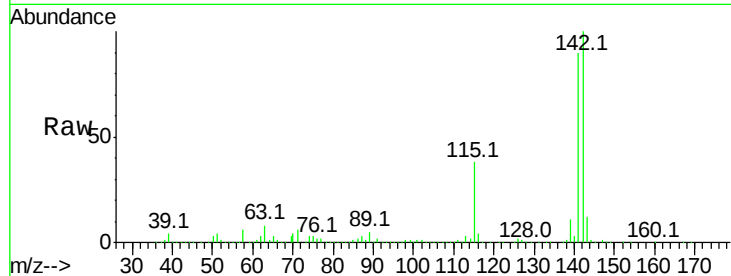
#37
2-Methylnaphthalene
Concen: 45.63 ng
RT: 8.81 min Scan# 623
Delta R.T. 0.00 min
Lab File: BF083509.D
Acq: 5 Dec 2015 12:29

Instrument :
BNA_F
ClientSampleId :
20151124MGP211BRV71MS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	830839		
141	90.1		70.3	105.5
115	37.7		29.2	43.8

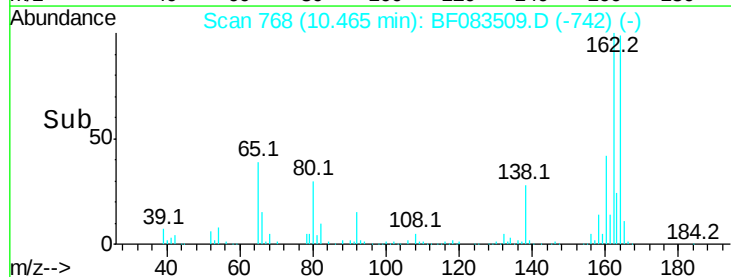
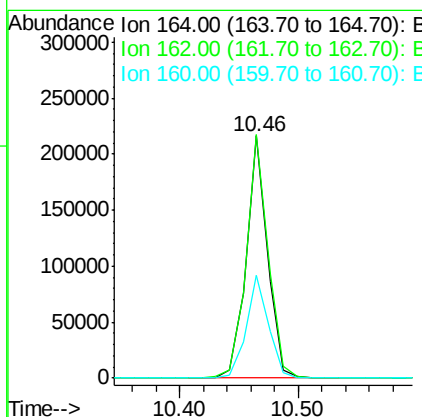
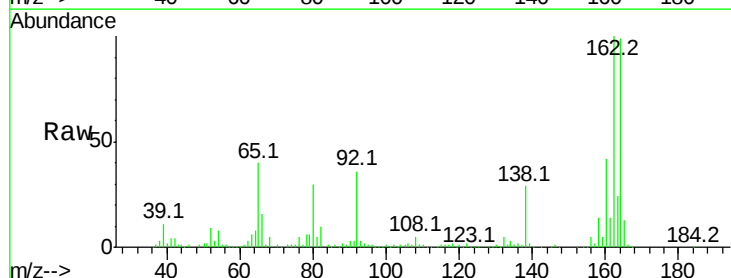
Manual Integrations
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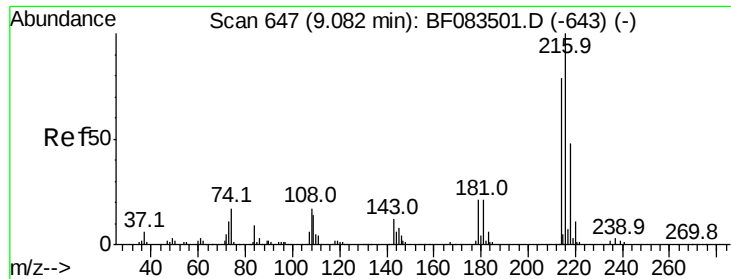
Mmdadoda
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.46 min Scan# 768
Delta R.T. 0.00 min
Lab File: BF083509.D
Acq: 5 Dec 2015 12:29

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	271416		
162	100.6		78.8	118.2
160	42.6		33.4	50.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.28 ng

RT: 9.08 min Scan# 647

Delta R.T. 0.00 min

Lab File: BF083509.D

Acq: 5 Dec 2015 12:29

Instrument :

BNA_F

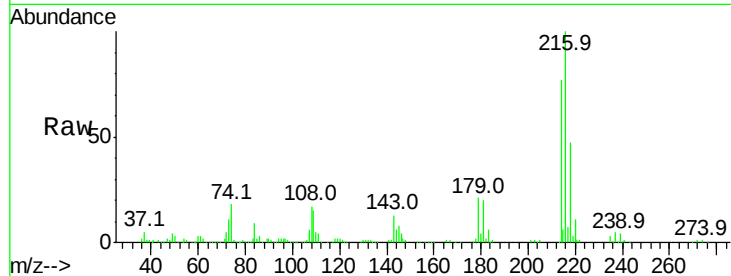
ClientSampleId :

20151124MGP211BRV71MS

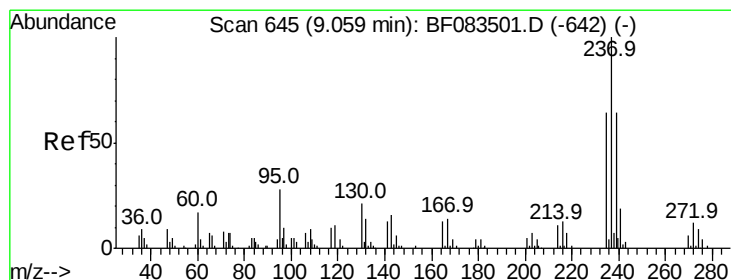
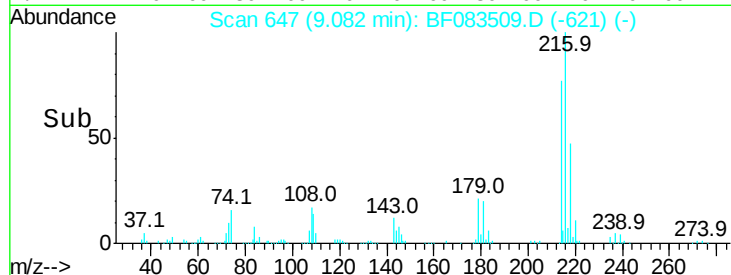
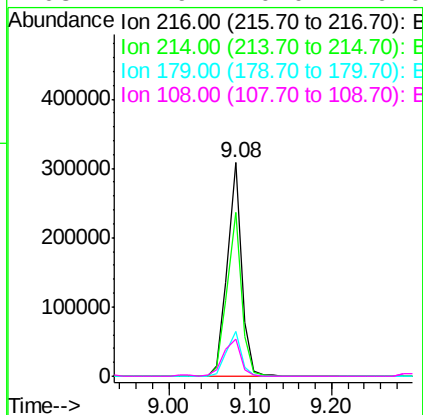
Manual Integrations
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Tot Ion	Ratio	Resp	Lower	Upper
216	100			
214	77.7	0.0	0.0	0.0
179	21.1	0.0	0.0	0.0
108	21.9	0.0	0.0	0.0



#40

Hexachlorocyclopentadiene

Concen: 66.72 ng

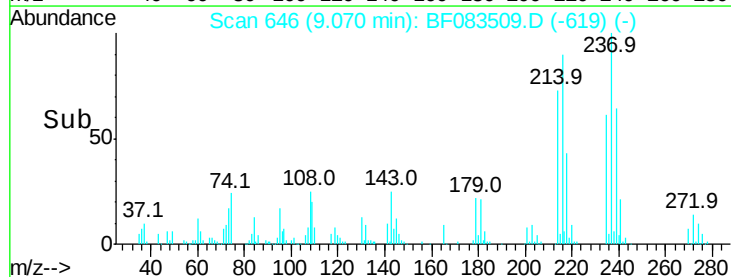
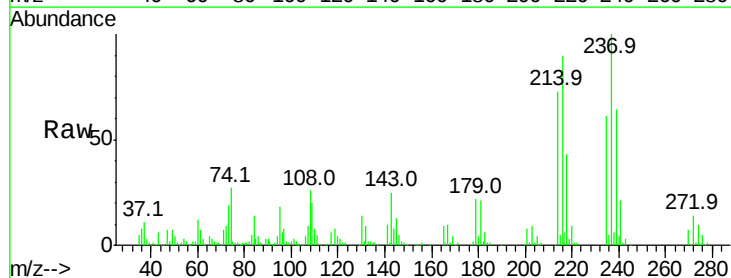
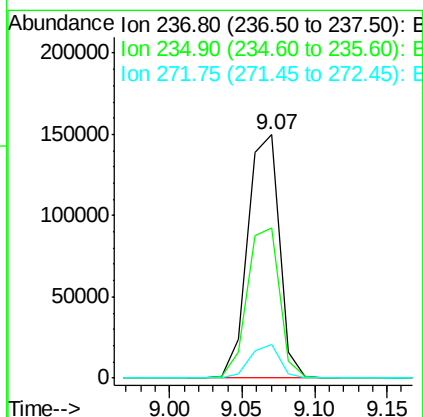
RT: 9.07 min Scan# 646

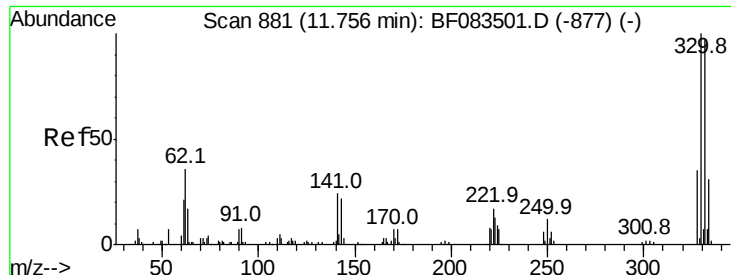
Delta R.T. 0.01 min

Lab File: BF083509.D

Acq: 5 Dec 2015 12:29

Tgt Ion	Ratio	Resp	Lower	Upper
237	100			
235	61.4	43.9	83.9	
272	13.8	0.0	31.8	





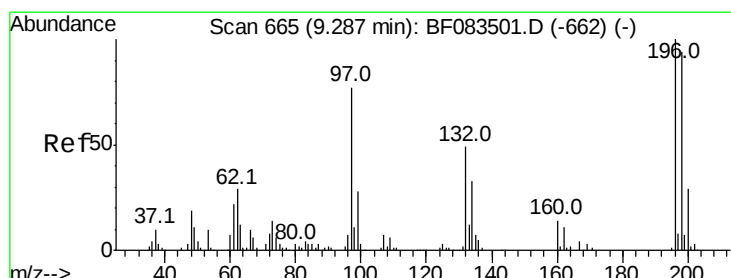
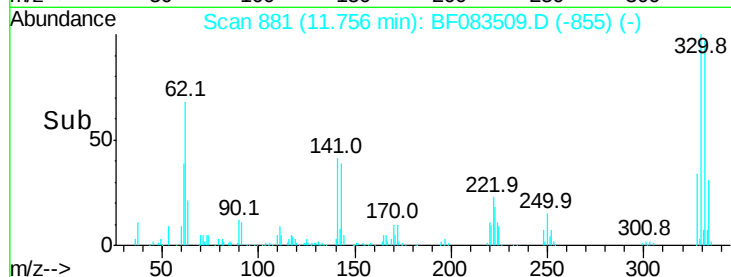
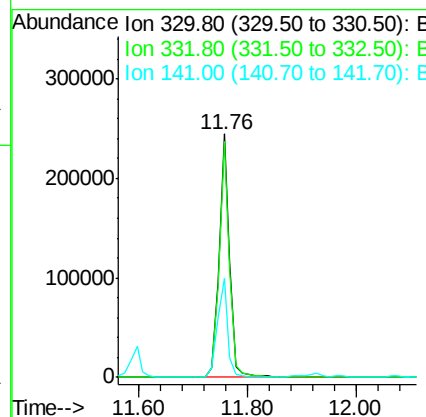
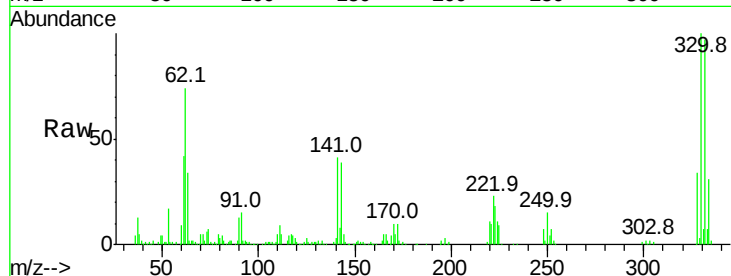
#41
 2,4,6-Tribromophenol
 Concen: 135.60 ng
 RT: 11.76 min Scan# 881
 Delta R.T. 0.00 min
 Lab File: BF083509.D
 Acq: 5 Dec 2015 12:29

Instrument :
 BNA_F
 ClientSampleId :
 20151124MGP211BRV71MS

Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	95.3	0.0	0.0#
141	39.9	0.0	0.0#

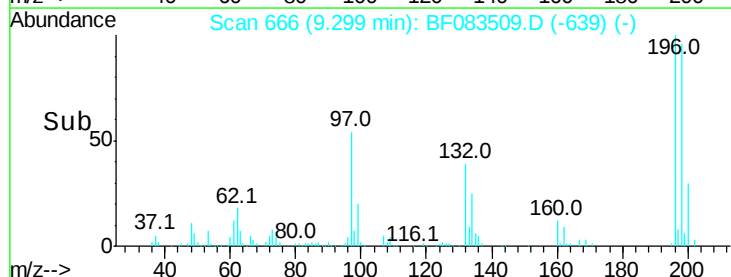
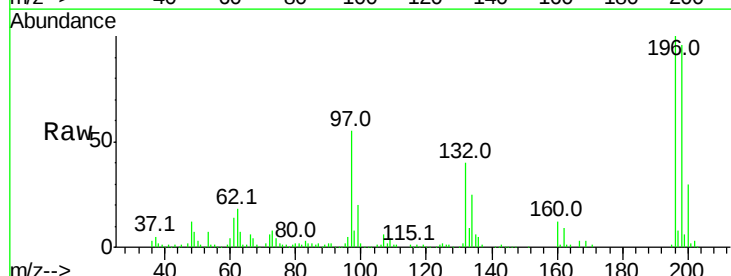
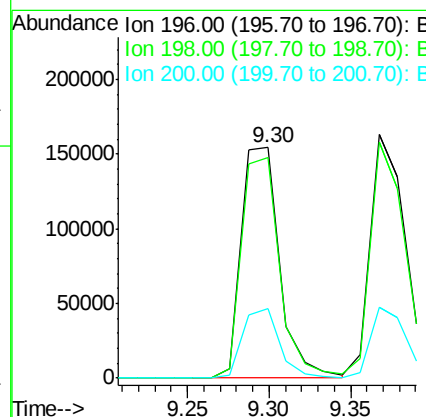
Manual Integrations
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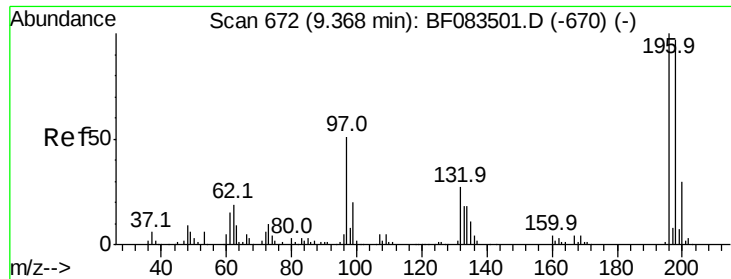
Mmdadoda
 12/7/2015 6:30:53 PM



#42
 2,4,6-Trichlorophenol
 Concen: 44.65 ng
 RT: 9.30 min Scan# 666
 Delta R.T. 0.01 min
 Lab File: BF083509.D
 Acq: 5 Dec 2015 12:29

Tgt Ion	Ratio	Resp Lower	Upper
196	100		
198	95.9	75.2	112.8
200	30.3	23.0	34.6





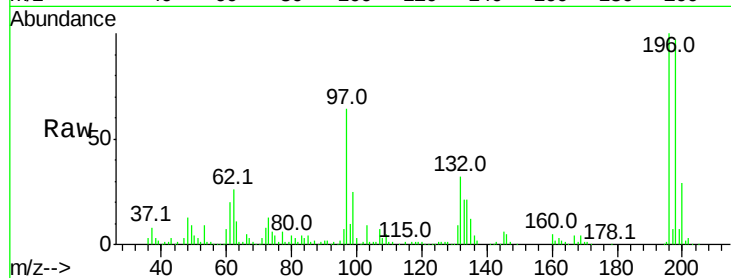
#43
 2,4,5-Trichlorophenol
 Concen: 46.33 ng
 RT: 9.37 min Scan# 672
 Delta R.T. 0.00 min
 Lab File: BF083509.D
 Acq: 5 Dec 2015 12:29

Instrument :
 BNA_F
 ClientSampleId :
 20151124MGP211BRV71MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	267395		
198	96.7	77.7	116.5	
97	64.3	41.2	61.8	
132	31.6	21.8	32.8	

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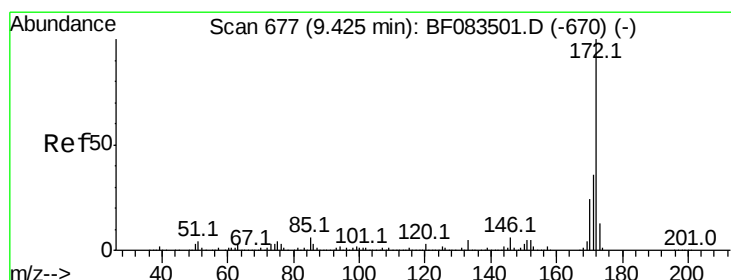
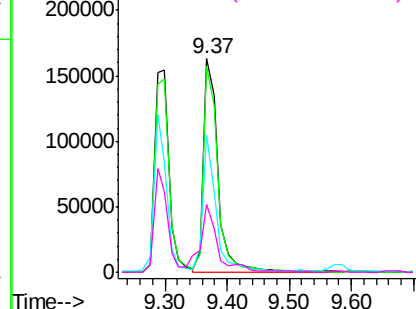
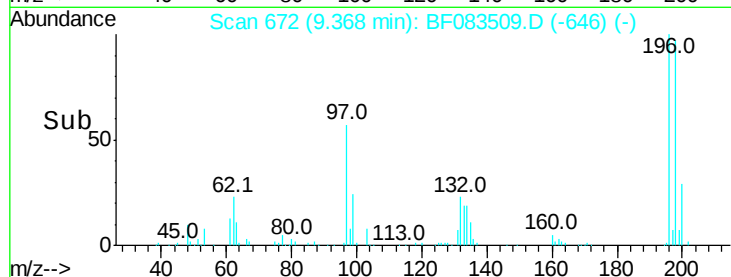
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

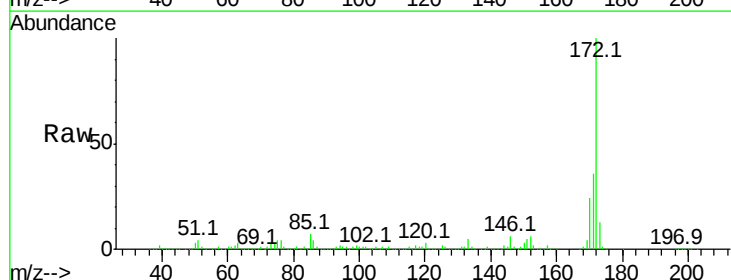
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 86.92 ng
 RT: 9.42 min Scan# 677
 Delta R.T. 0.00 min
 Lab File: BF083509.D
 Acq: 5 Dec 2015 12:29

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1739249		
171	35.5	28.6	42.8	
170	24.3	19.4	29.0	

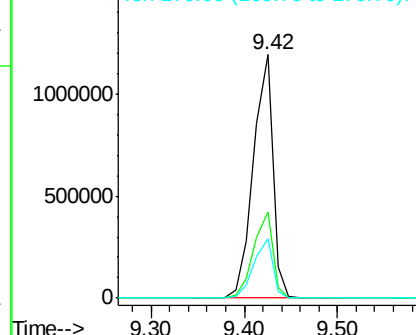
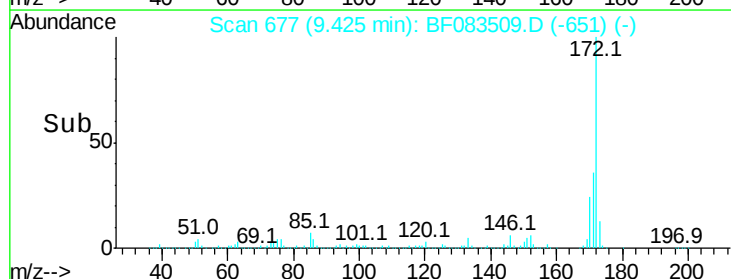


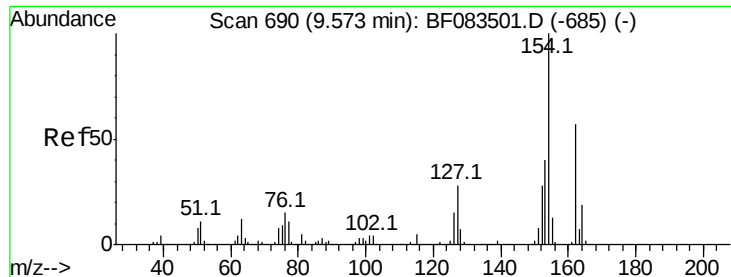
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





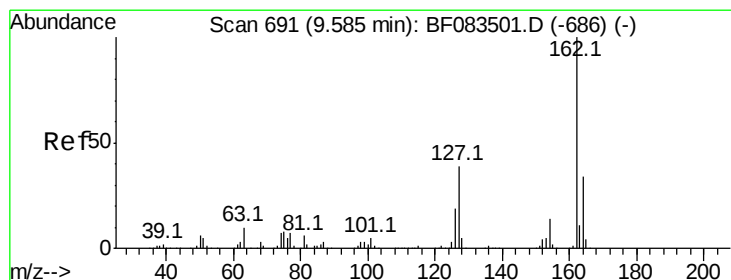
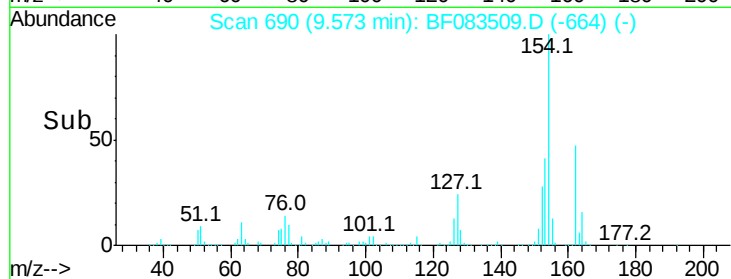
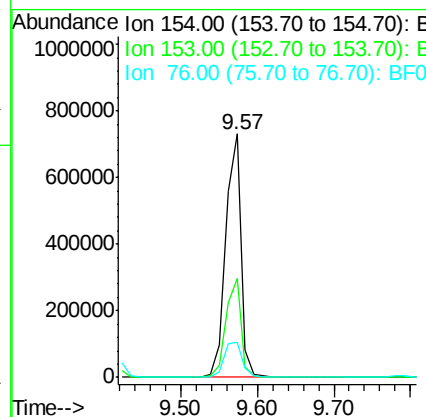
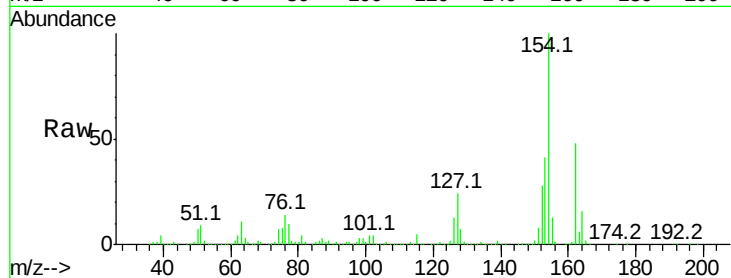
#45
 1,1'-Biphenyl
 Concen: 42.62 ng
 RT: 9.57 min Scan# 690
 Delta R.T. 0.00 min
 Lab File: BF083509.D
 Acq: 5 Dec 2015 12:29

Instrument :
 BNA_F
 ClientSampleId :
 20151124MGP211BRV71MS

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.2	60.2
76	14.4	0.0	34.8

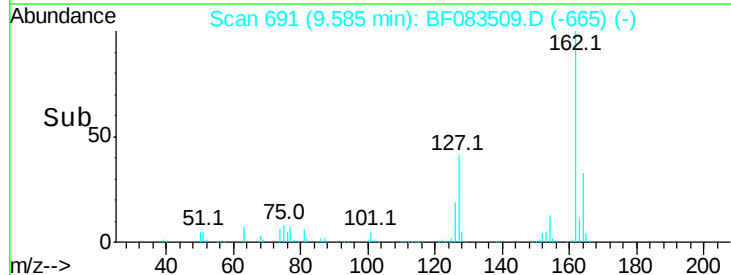
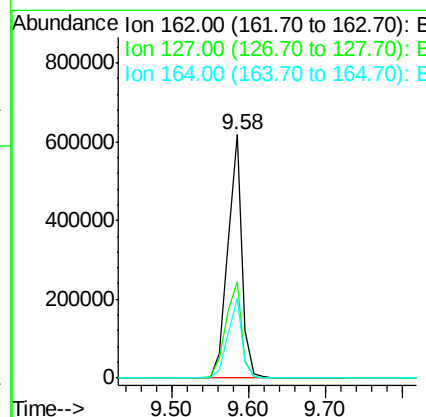
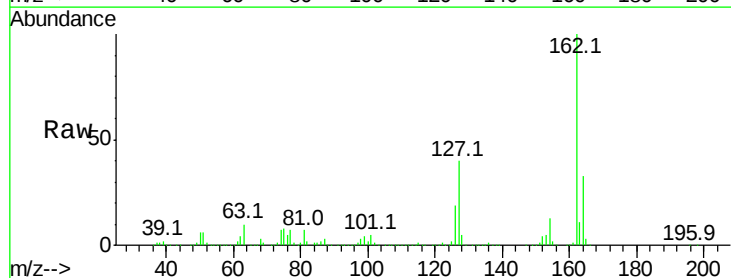
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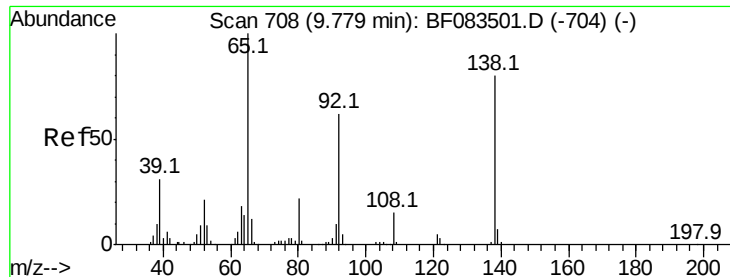
Mmdadoda
 12/7/2015 6:30:53 PM



#46
 2-Chloronaphthalene
 Concen: 44.38 ng
 RT: 9.58 min Scan# 691
 Delta R.T. 0.00 min
 Lab File: BF083509.D
 Acq: 5 Dec 2015 12:29

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.7	31.0	46.4
164	32.5	27.4	41.0





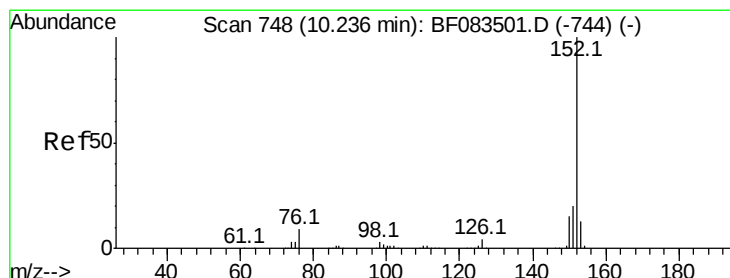
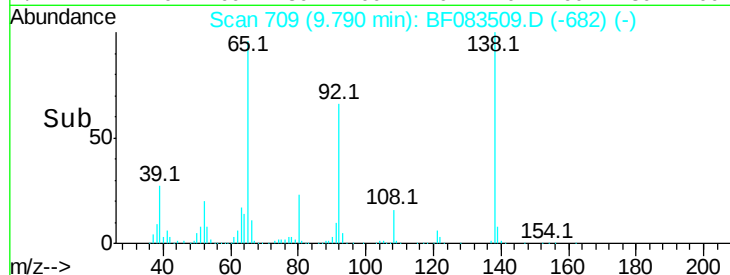
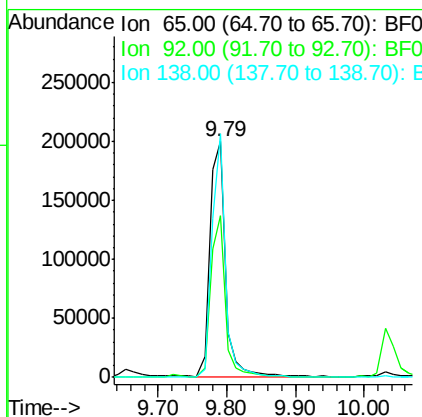
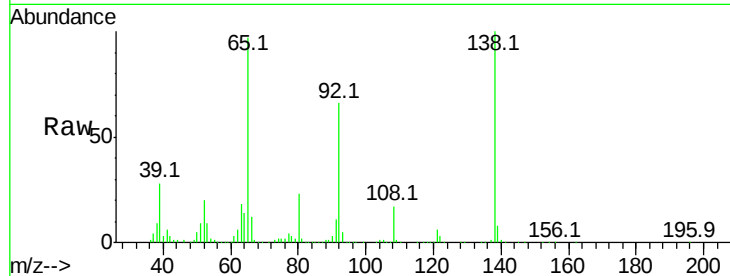
#47
2-Nitroaniline
Concen: 48.94 ng
RT: 9.79 min Scan# 709
Delta R.T. 0.01 min
Lab File: BF083509.D
Acq: 5 Dec 2015 12:29

Instrument :
BNA_F
ClientSampleId :
20151124MGP211BRV71MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	68.7	49.6	74.4
138	103.4	64.1	96.1

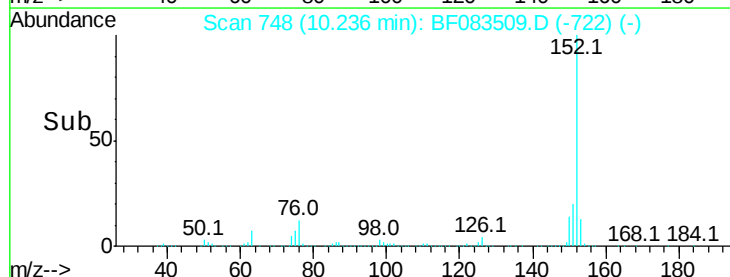
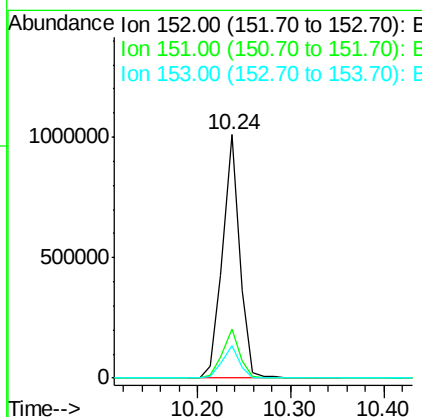
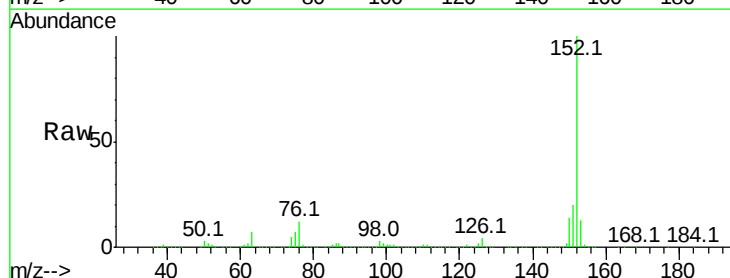
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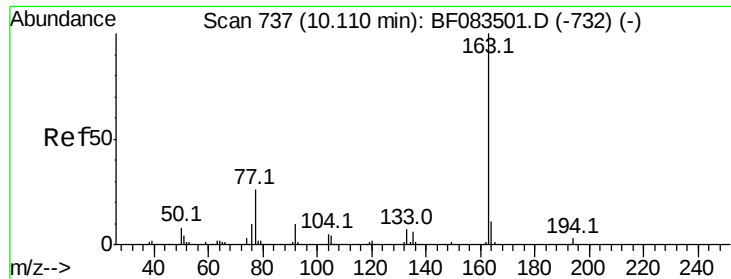
Mmdadoda
12/7/2015 6:30:53 PM



#48
Acenaphthylene
Concen: 43.63 ng
RT: 10.24 min Scan# 748
Delta R.T. 0.00 min
Lab File: BF083509.D
Acq: 5 Dec 2015 12:29

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.3	24.5
153	13.4	10.8	16.2





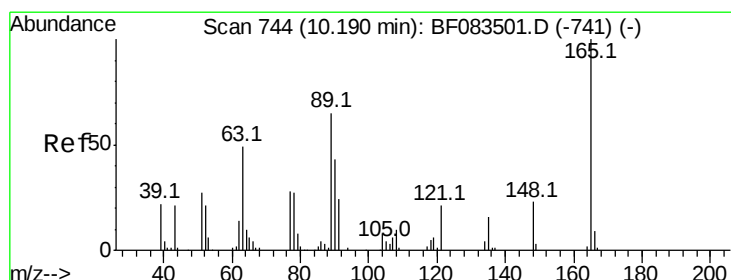
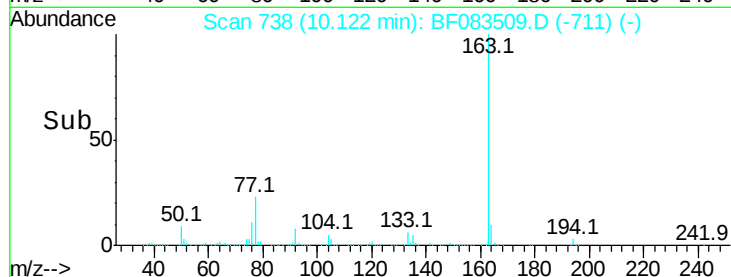
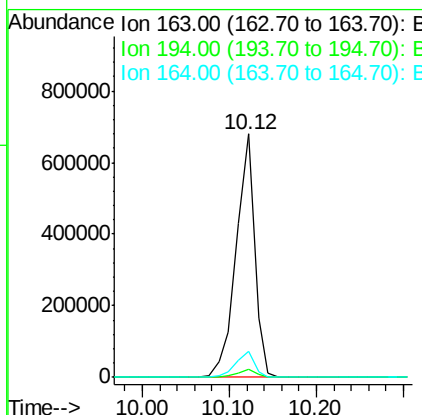
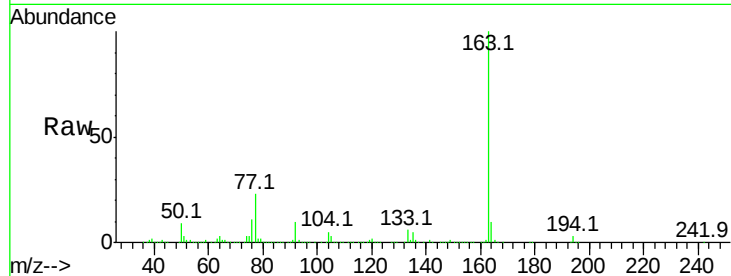
#49
Dimethylphthalate
Concen: 47.07 ng
RT: 10.12 min Scan# 738
Delta R.T. 0.01 min
Lab File: BF083509.D
Acq: 5 Dec 2015 12:29

Instrument :
BNA_F
ClientSampleId :
20151124MGP211BRV71MS

Tot Ion:163 Resp: 1005620
Ion Ratio Lower Upper
163 100
194 3.3 2.8 4.2
164 10.4 8.6 13.0

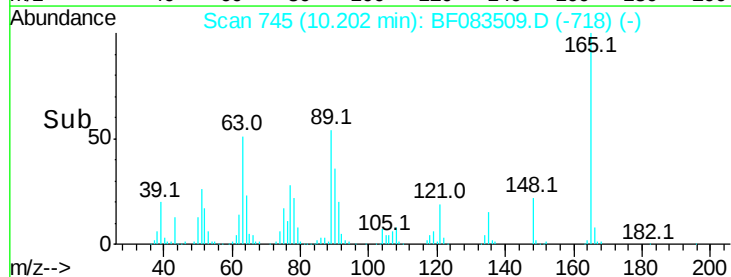
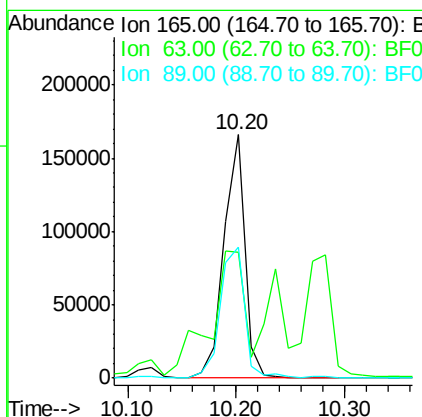
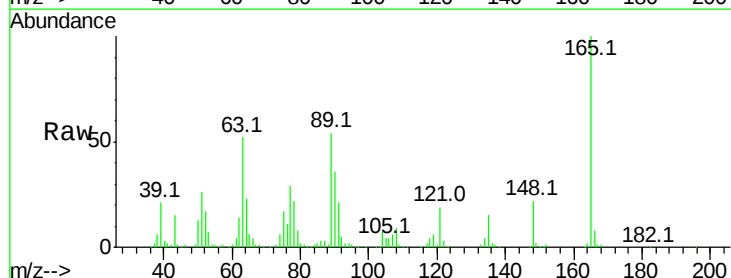
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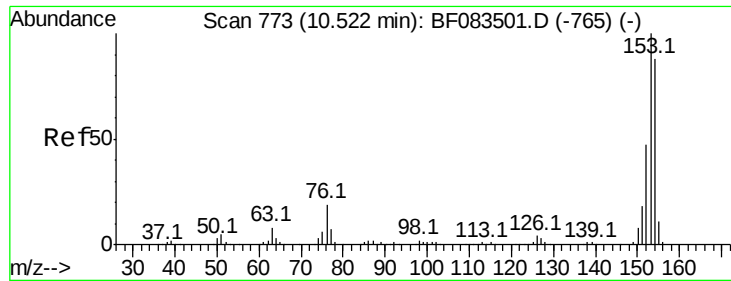
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#50
2,6-Dinitrotoluene
Concen: 49.34 ng
RT: 10.20 min Scan# 745
Delta R.T. 0.01 min
Lab File: BF083509.D
Acq: 5 Dec 2015 12:29

Tgt Ion:165 Resp: 221925
Ion Ratio Lower Upper
165 100
63 51.7 56.9 85.3#
89 53.8 52.1 78.1





#51

Acenaphthene

Concen: 46.79 ng

RT: 10.52 min Scan# 773

Delta R.T. 0.00 min

Lab File: BF083509.D

Acq: 5 Dec 2015 12:29

Instrument :

BNA_F

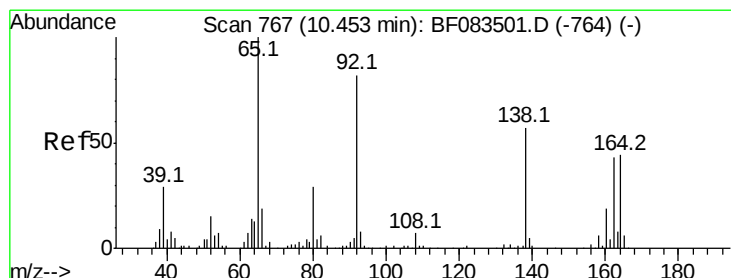
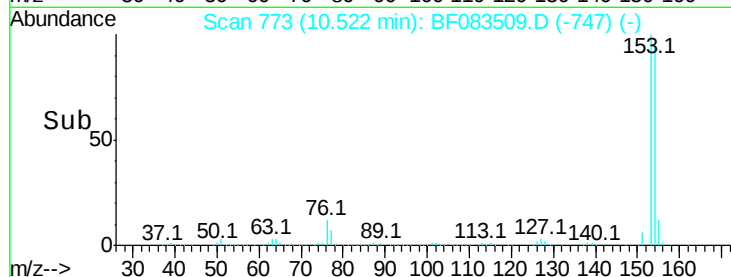
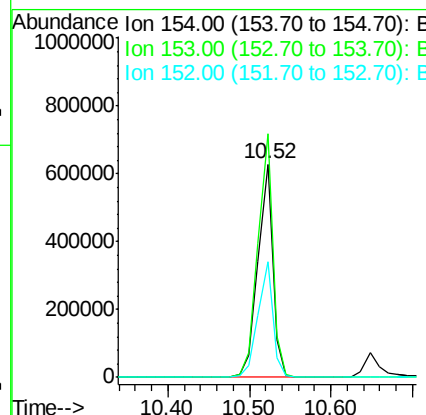
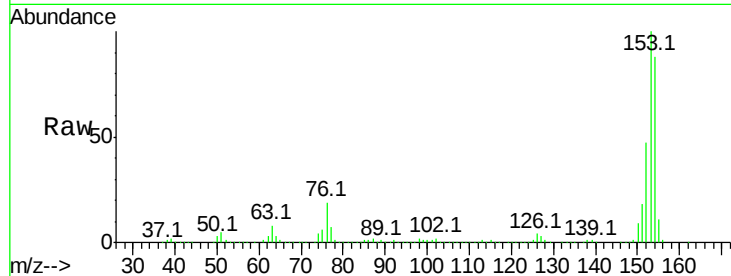
ClientSampleId :

20151124MGP211BRV71MS

Tot Ion:	154	Resp:	801207
Ion Ratio	Lower	Upper	
154	100		
153	114.2	91.4	137.0
152	54.0	43.4	65.2

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#52

3-Nitroaniline

Concen: 24.86 ng

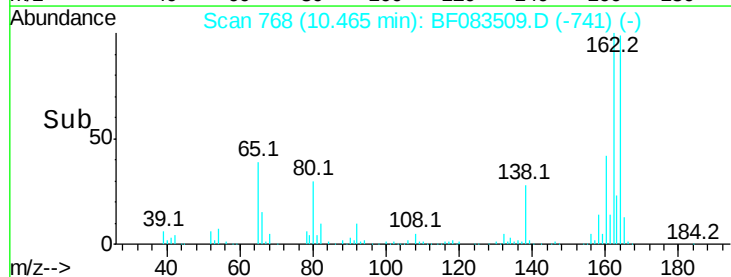
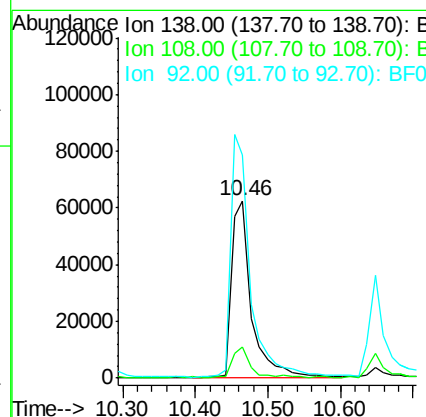
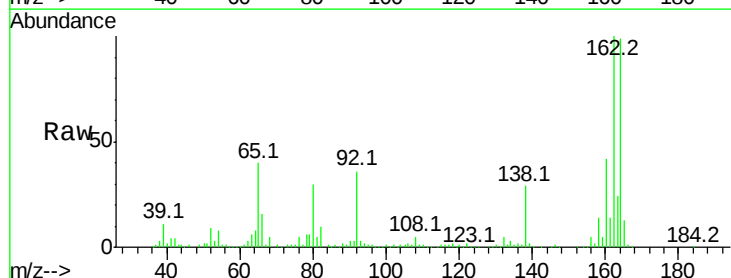
RT: 10.46 min Scan# 768

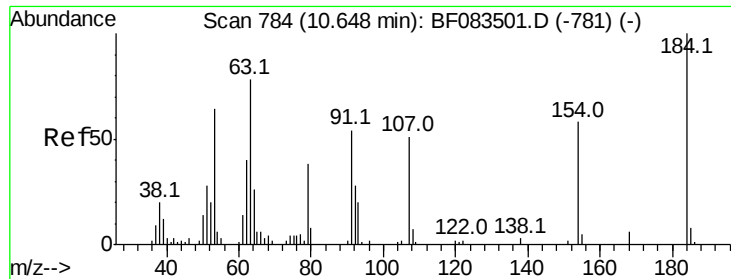
Delta R.T. 0.01 min

Lab File: BF083509.D

Acq: 5 Dec 2015 12:29

Tgt Ion:	138	Resp:	120555
Ion Ratio	Lower	Upper	
138	100		
108	17.7	9.9	14.9#
92	125.9	113.8	170.8





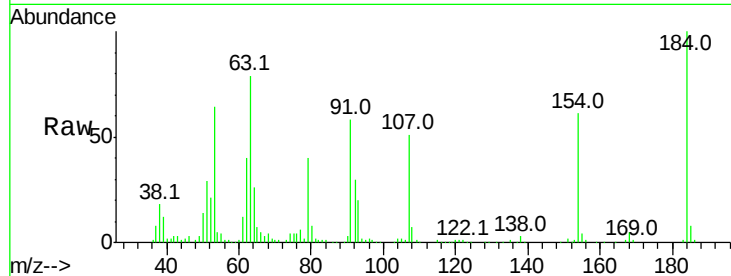
#53
 2,4-Dinitrophenol
 Concen: 86.42 ng
 RT: 10.65 min Scan# 784
 Delta R.T. 0.00 min
 Lab File: BF083509.D
 Acq: 5 Dec 2015 12:29

Instrument :
 BNA_F
 ClientSampleId :
 20151124MGP211BRV71MS

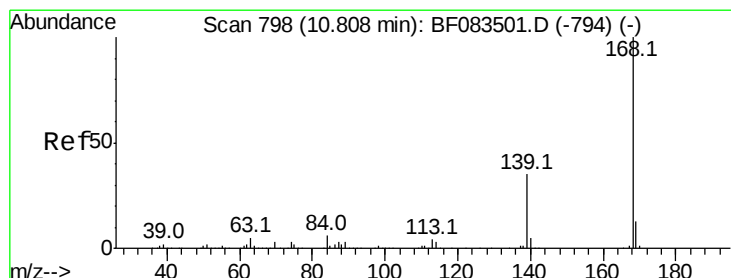
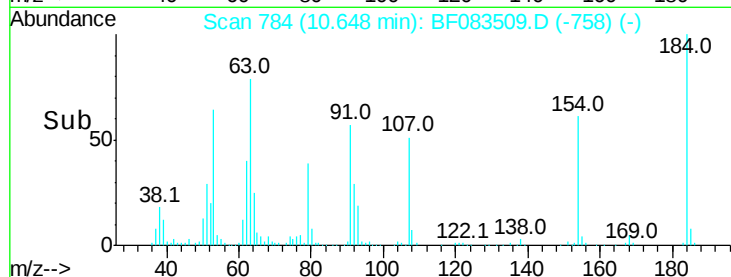
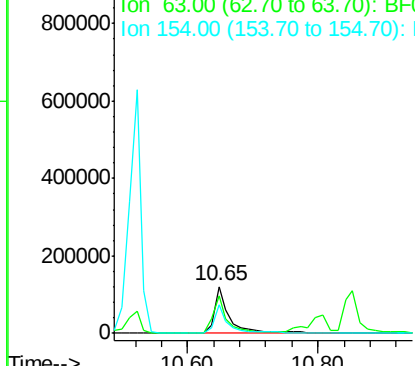
Tot Ion	Ratio	Lower	Upper
184	100		
63	79.3	62.4	93.6
154	61.3	46.6	69.8

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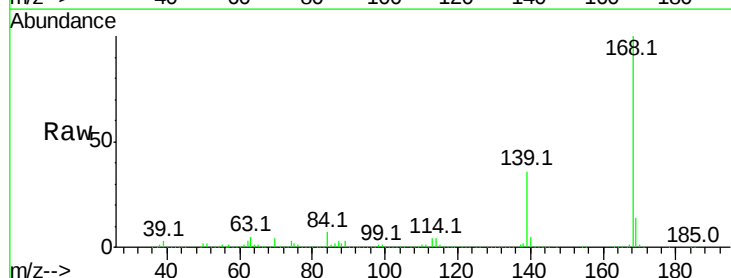


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

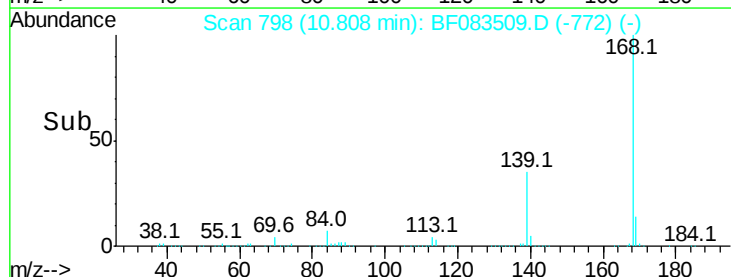
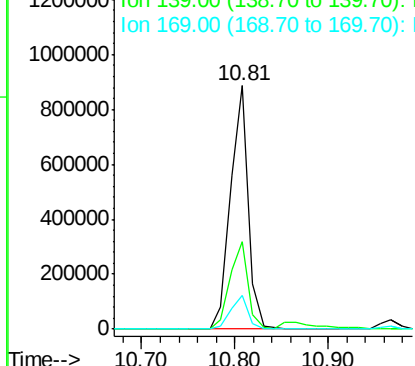


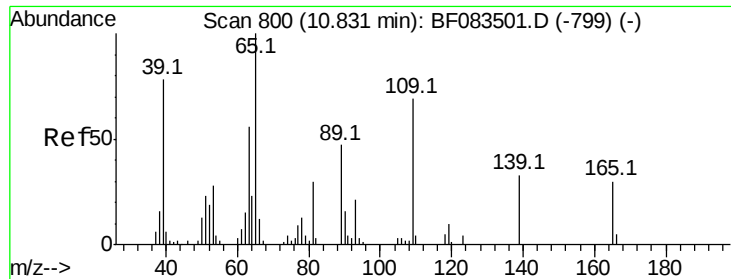
#54
 Dibenzofuran
 Concen: 49.71 ng
 RT: 10.81 min Scan# 798
 Delta R.T. 0.00 min
 Lab File: BF083509.D
 Acq: 5 Dec 2015 12:29

Tgt Ion	Ratio	Lower	Upper
168	100		
139	35.7	28.0	42.0
169	13.8	10.8	16.2



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E





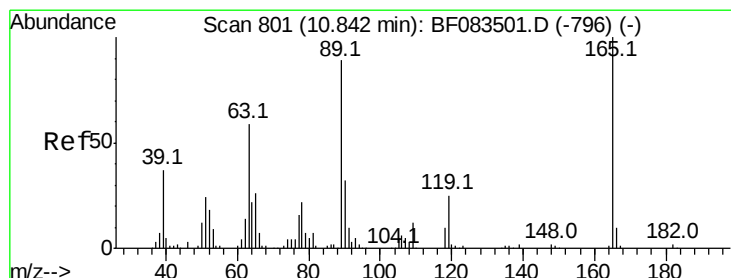
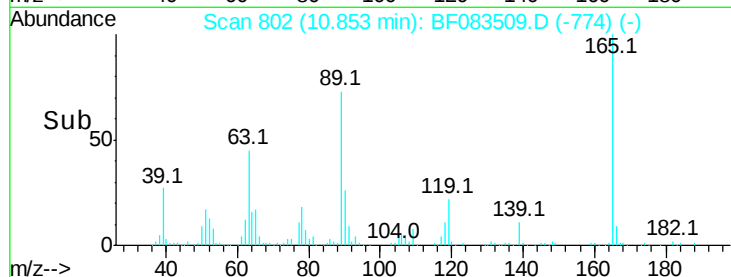
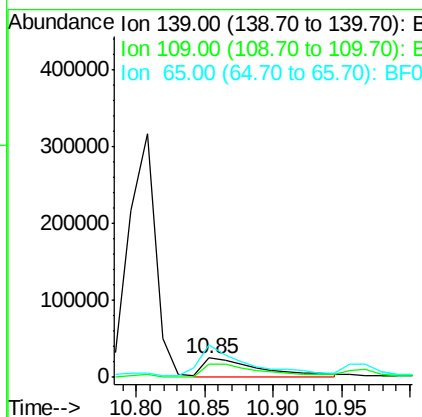
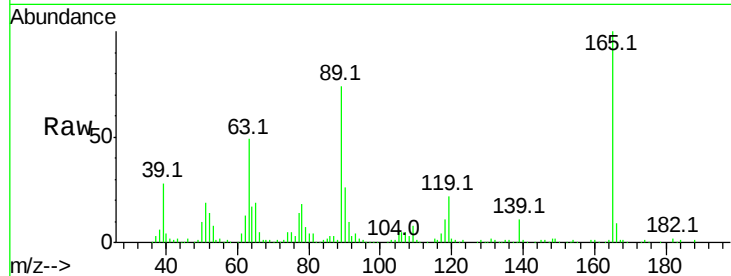
#55
4-Nitrophenol
Concen: 27.17 ng/ml
RT: 10.85 min Scan# 802
Delta R.T. 0.02 min
Lab File: BF083509.D
Acq: 5 Dec 2015 12:29

Instrument :
BNA_F
ClientSampleId :
20151124MGP211BRV71MS

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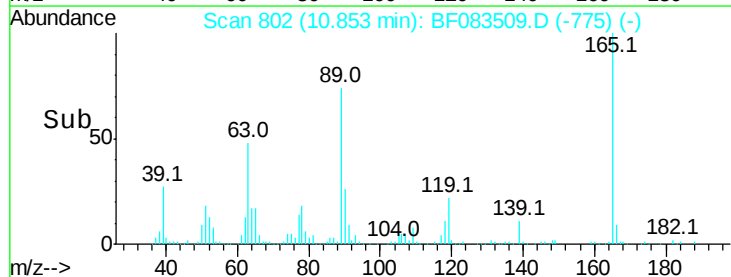
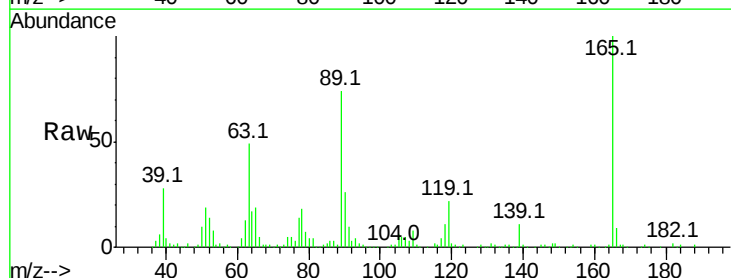
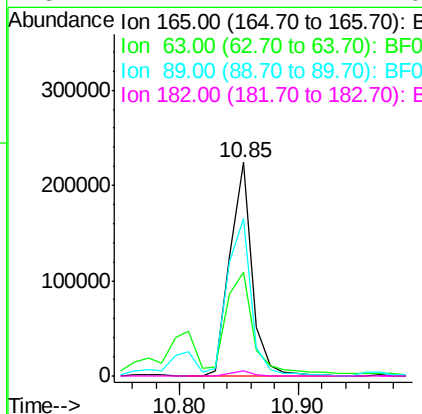
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12/7/2015 6:30:53 PM

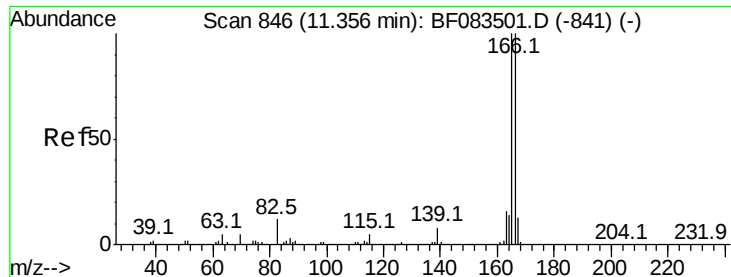
Tot Ion	Ratio	Lower	Upper
139	100		
109	71.0	42.0	82.0
65	167.2	89.2	129.2



#56
2,4-Dinitrotoluene
Concen: 49.34 ng
RT: 10.85 min Scan# 802
Delta R.T. 0.01 min
Lab File: BF083509.D
Acq: 5 Dec 2015 12:29

Tgt Ion	Ratio	Lower	Upper
165	100		
63	48.8	51.4	77.2
89	73.7	72.6	108.8
182	2.1	1.4	2.0





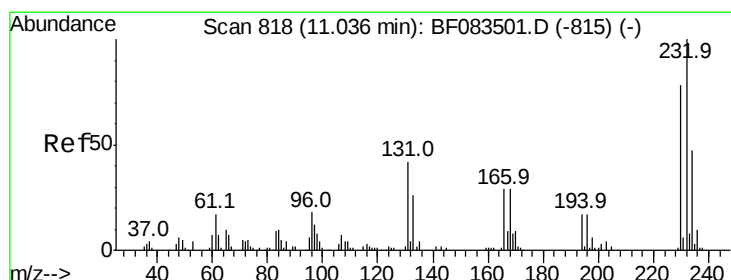
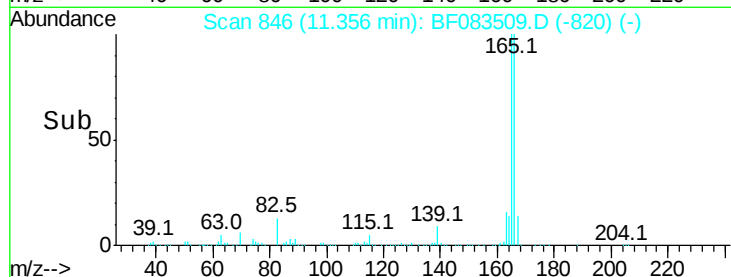
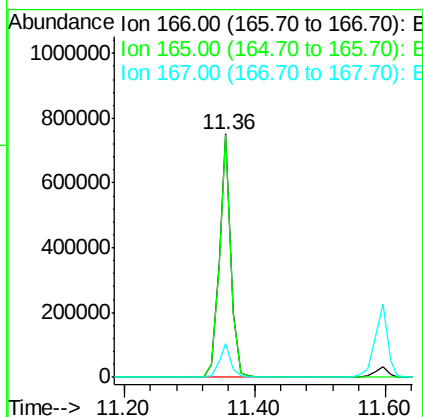
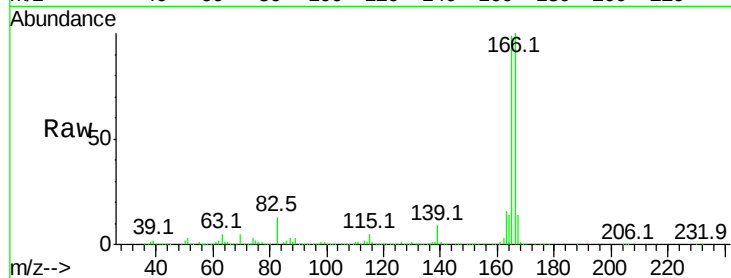
#57
Fluorene
 Concen: 45.29 ng
 RT: 11.36 min Scan# 846
 Delta R.T. 0.00 min
 Lab File: BF083509.D
 Acq: 5 Dec 2015 12:29

Instrument :
 BNA_F
 ClientSampleId :
 20151124MGP211BRV71MS

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.4	80.0	120.0
167	13.6	10.6	16.0

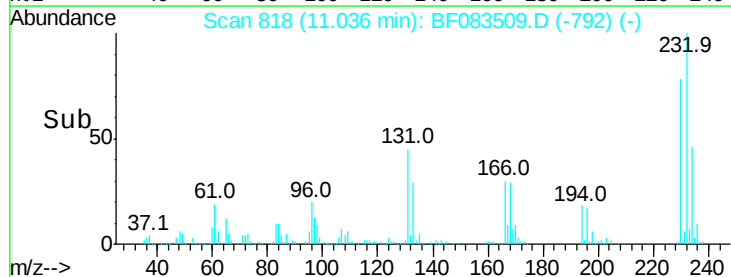
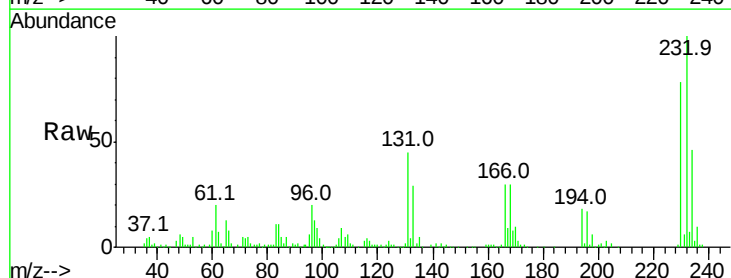
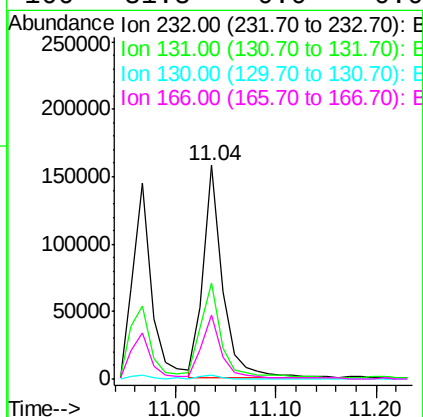
Manual Integrations
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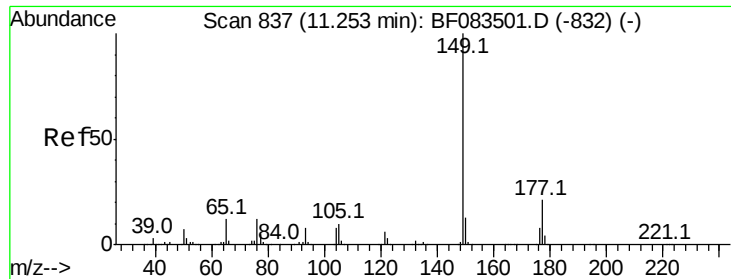
Mmdadoda
 12/7/2015 6:30:53 PM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 49.75 ng
 RT: 11.04 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BF083509.D
 Acq: 5 Dec 2015 12:29

Tgt Ion	Ratio	Lower	Upper
232	100		
131	47.9	0.0	0.0#
130	2.0	0.0	0.0#
166	31.8	0.0	0.0#





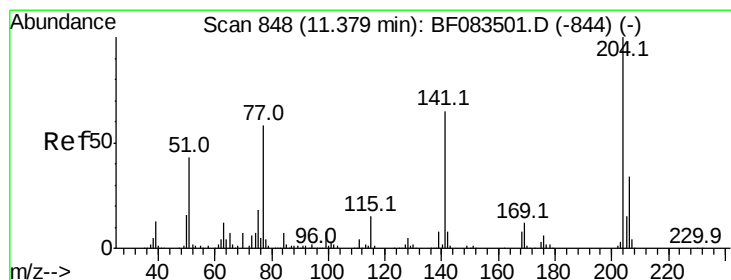
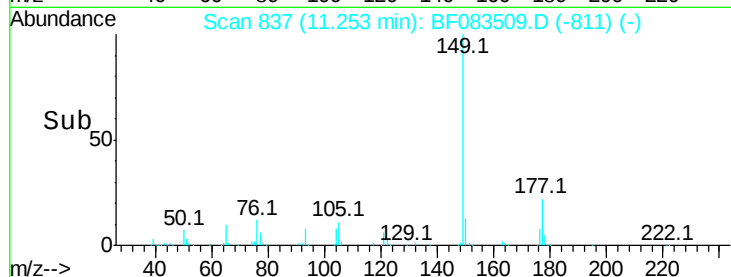
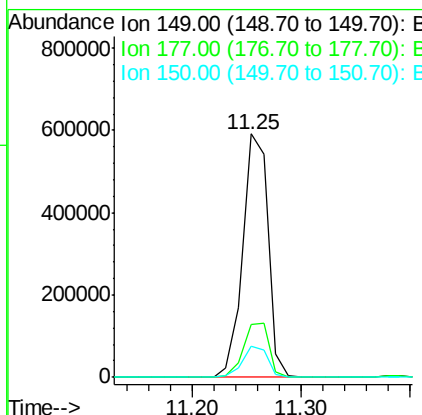
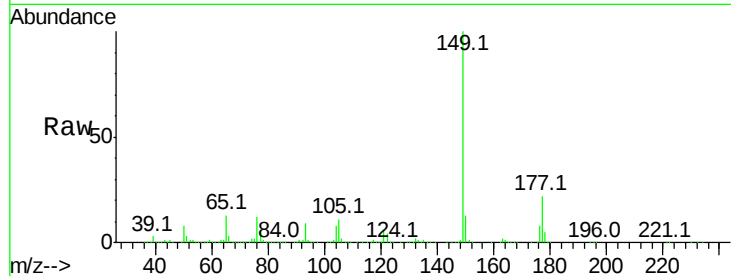
#59
 Diethylphthalate
 Concen: 46.63 ng
 RT: 11.25 min Scan# 837
 Delta R.T. 0.00 min
 Lab File: BF083509.D
 Acq: 5 Dec 2015 12:29

Instrument :
 BNA_F
 ClientSampleId :
 20151124MGP211BRV71MS

Tot Ion:	149	Resp:	958484
Ion Ratio	Lower	Upper	
149	100		
177	21.7	16.9	25.3
150	12.8	10.2	15.4

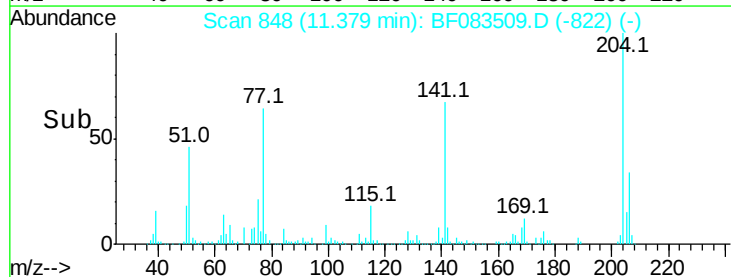
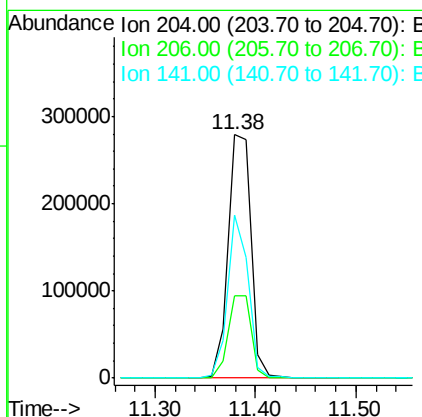
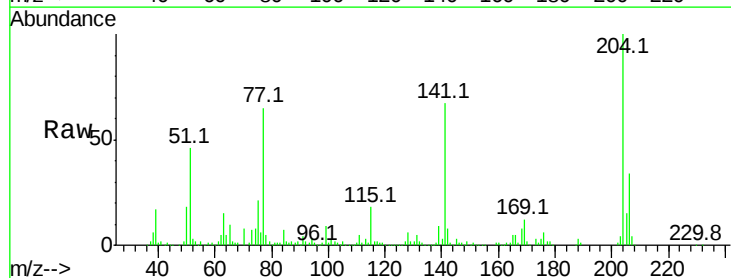
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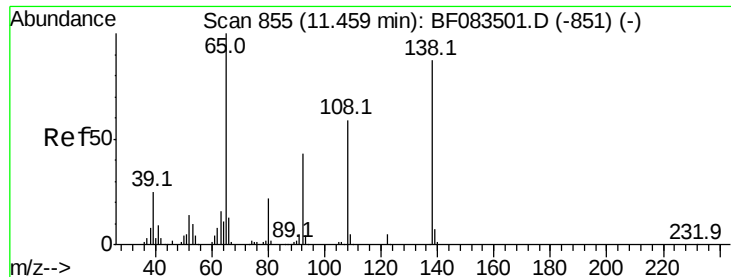
Mmdadoda
 12/7/2015 6:30:53 PM



#60
 4-Chlorophenyl-phenylether
 Concen: 44.70 ng
 RT: 11.38 min Scan# 848
 Delta R.T. 0.00 min
 Lab File: BF083509.D
 Acq: 5 Dec 2015 12:29

Tgt Ion:	204	Resp:	442160
Ion Ratio	Lower	Upper	
204	100		
206	33.7	27.3	40.9
141	66.9	51.9	77.9





#61

4-Nitroaniline

Concen: 43.50 ng

RT: 11.46 min Scan# 855

Delta R.T. 0.00 min

Lab File: BF083509.D

Acq: 5 Dec 2015 12:29

Instrument :

BNA_F

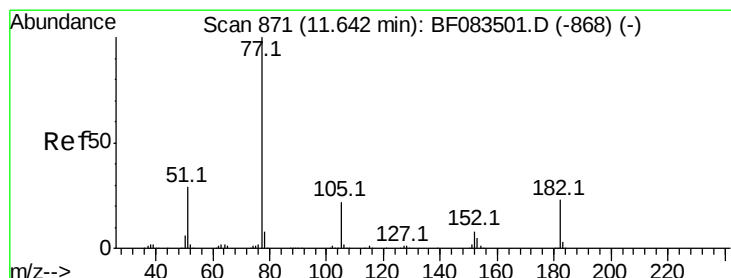
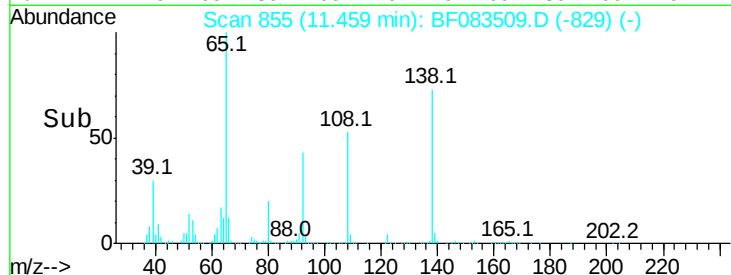
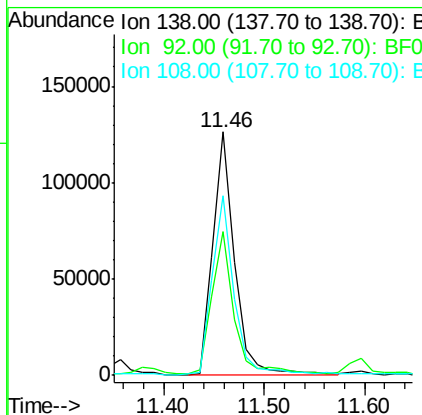
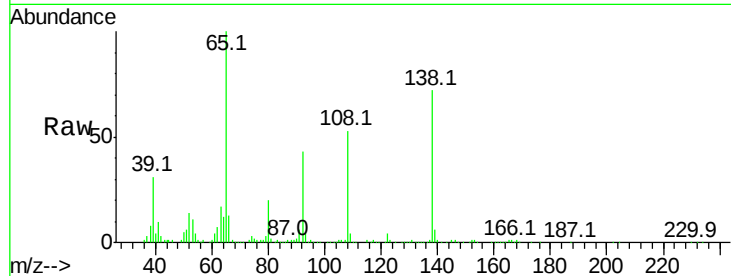
ClientSampleId :

20151124MGP211BRV71MS

Tot Ion:	138	Resp:	191122
Ion Ratio	Lower	Upper	
138	100		
92	59.2	29.0	69.0
108	74.0	47.4	87.4

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#62

Azobenzene

Concen: 55.30 ng

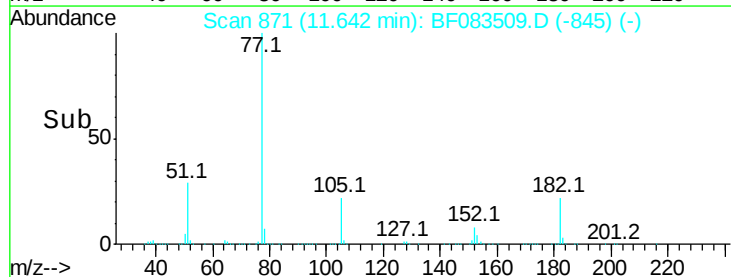
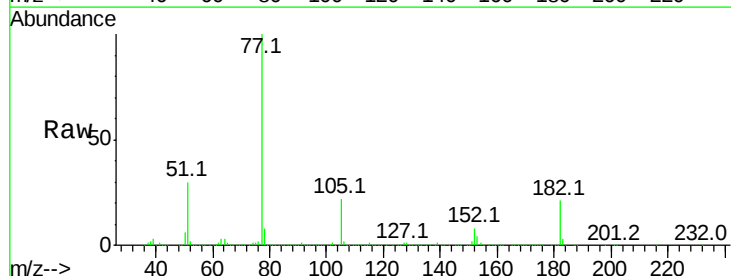
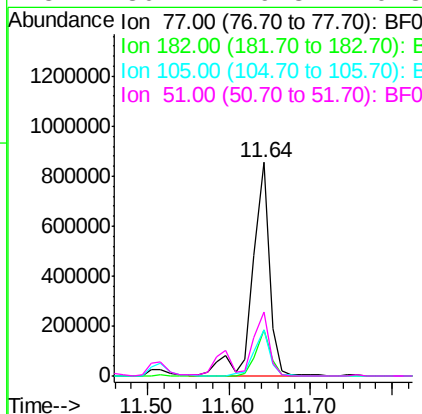
RT: 11.64 min Scan# 871

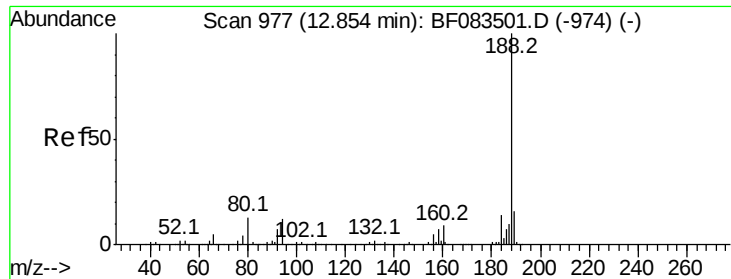
Delta R.T. 0.00 min

Lab File: BF083509.D

Acq: 5 Dec 2015 12:29

Tgt Ion:	77	Resp:	1212866
Ion Ratio	Lower	Upper	
77	100		
182	21.4	2.5	42.5
105	21.8	2.1	42.1
51	30.1	9.3	49.3





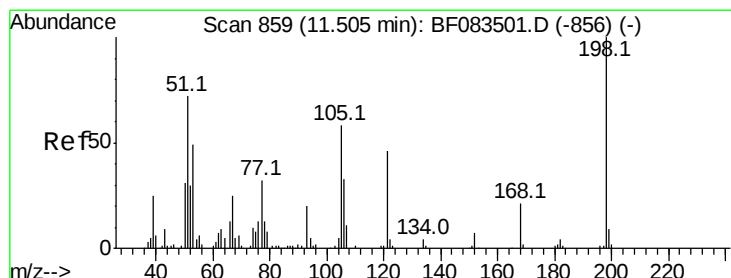
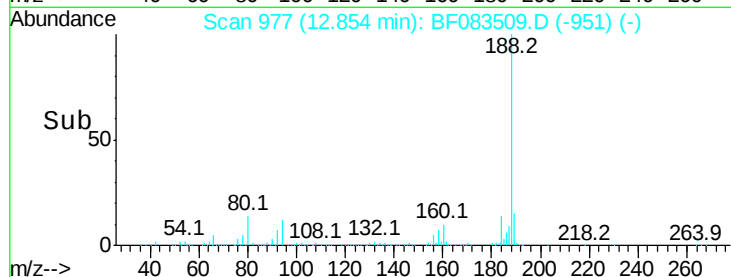
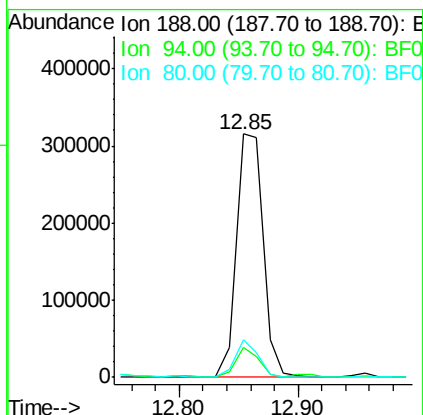
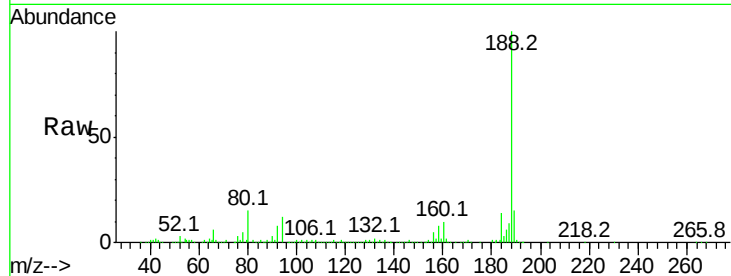
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.85 min Scan# 977
Delta R.T. 0.00 min
Lab File: BF083509.D
Acq: 5 Dec 2015 12:29

Instrument :
BNA_F
ClientSampleId :
20151124MGP211BRV71MS

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	12.4	9.4	14.2	
80	15.4	10.6	16.0	

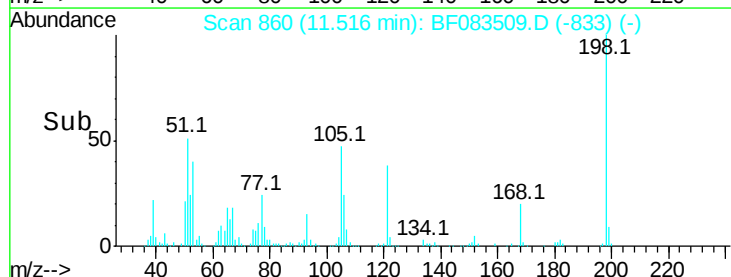
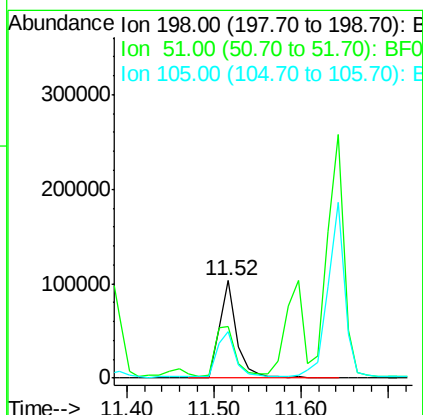
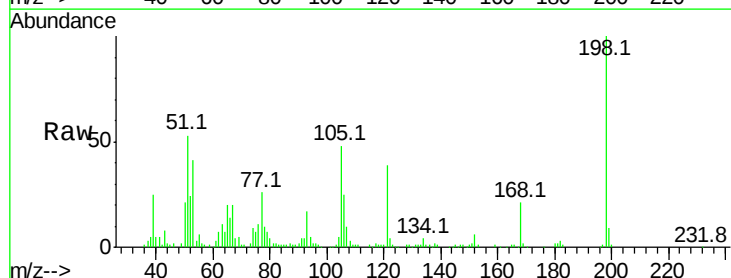
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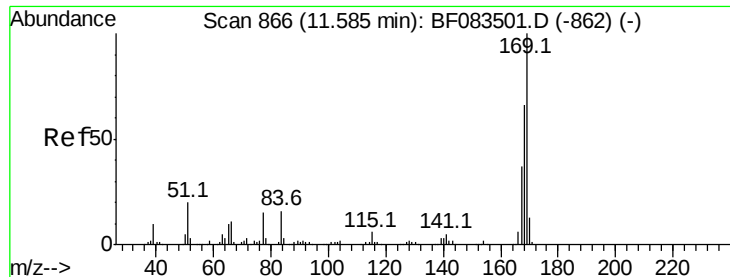
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#64
4,6-Dinitro-2-methylphenol
Concen: 43.92 ng
RT: 11.52 min Scan# 860
Delta R.T. 0.01 min
Lab File: BF083509.D
Acq: 5 Dec 2015 12:29

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	52.5	53.8	93.8#	
105	48.5	38.6	78.6	





#65

n-Nitrosodiphenylamine

Concen: 48.37 ng

RT: 11.60 min Scan# 867

Delta R.T. 0.01 min

Lab File: BF083509.D

Acq: 5 Dec 2015 12:29

Instrument :

BNA_F

ClientSampleId :

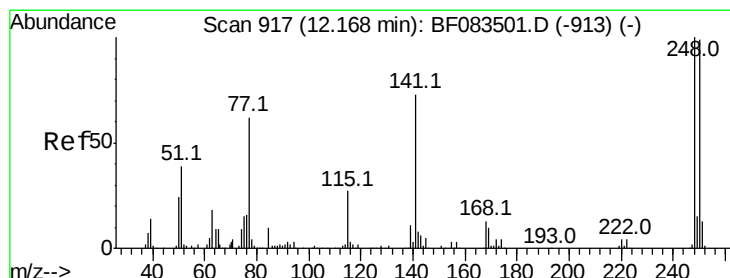
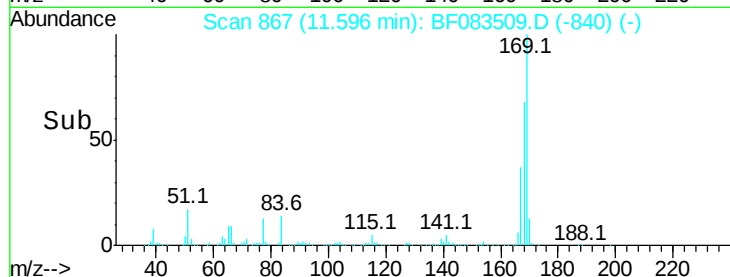
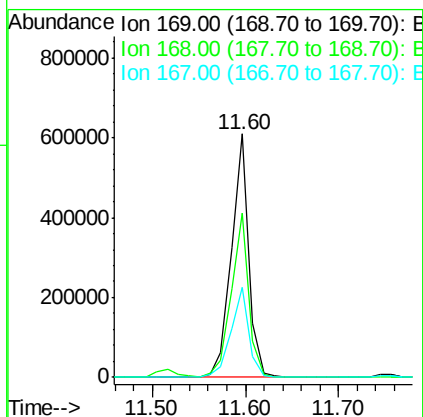
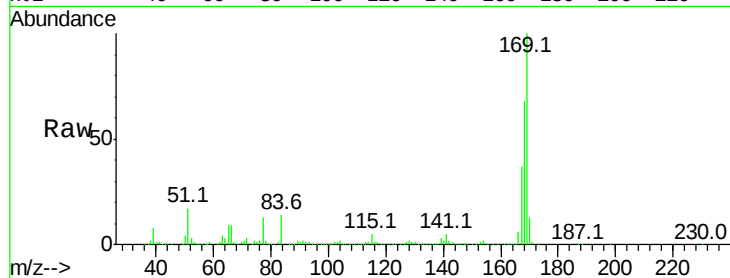
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Tot Ion:	169	Resp:	794783
Ion Ratio	Lower	Upper	
169	100		
168	67.6	53.0	79.6
167	37.1	29.3	43.9



#66

4-Bromophenyl-phenylether

Concen: 46.98 ng

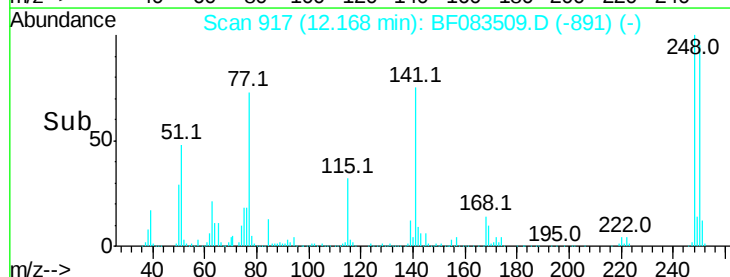
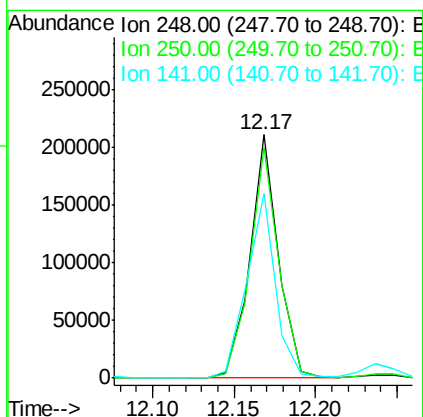
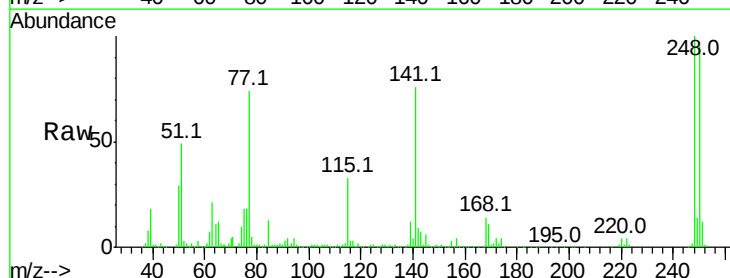
RT: 12.17 min Scan# 917

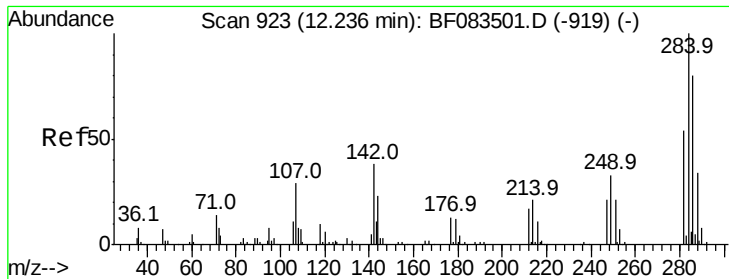
Delta R.T. 0.00 min

Lab File: BF083509.D

Acq: 5 Dec 2015 12:29

Tgt Ion:	248	Resp:	254830
Ion Ratio	Lower	Upper	
248	100		
250	94.7	79.2	118.8
141	75.7	58.2	87.4





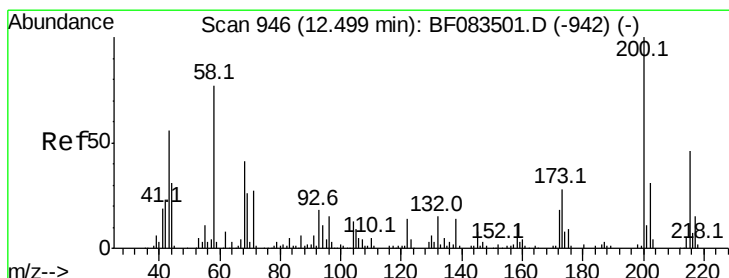
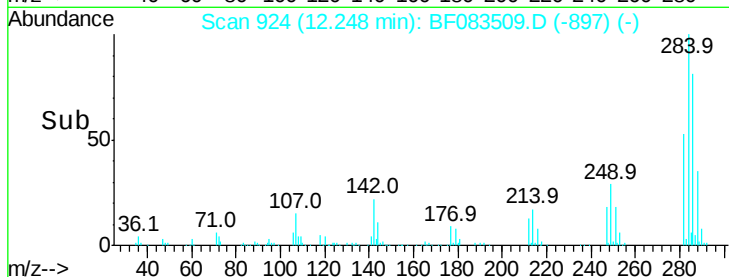
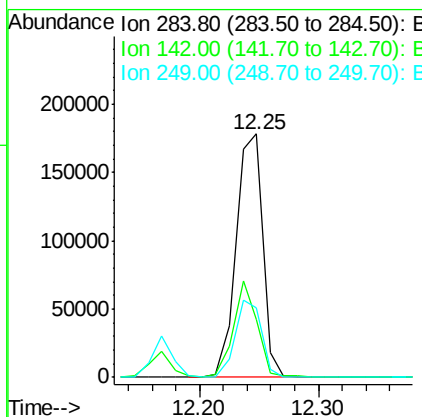
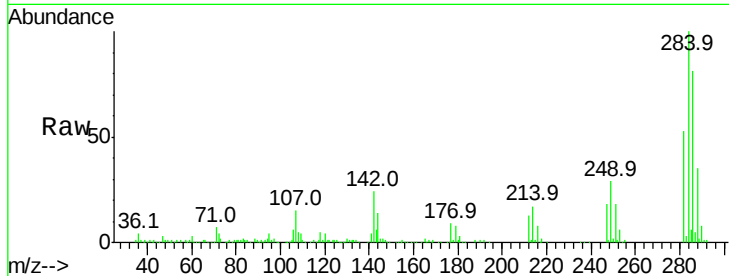
#67
Hexachlorobenzene
Concen: 48.07 ng
RT: 12.25 min Scan# 924
Delta R.T. 0.01 min
Lab File: BF083509.D
Acq: 5 Dec 2015 12:29

Instrument :
BNA_F
ClientSampleId :
20151124MGP211BRV71MS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	23.7	31.0	46.4#	
249	28.8	26.9	40.3	

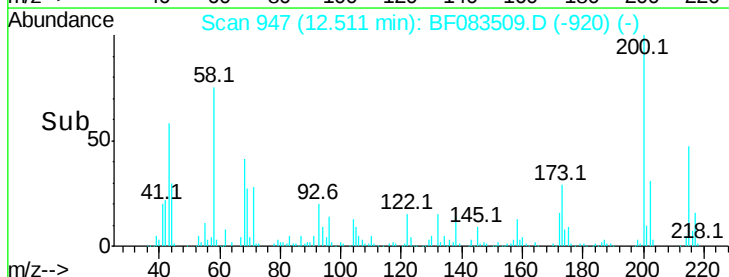
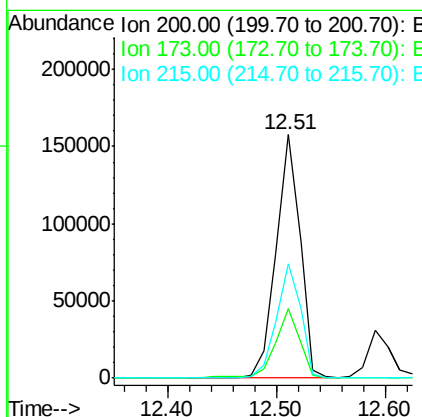
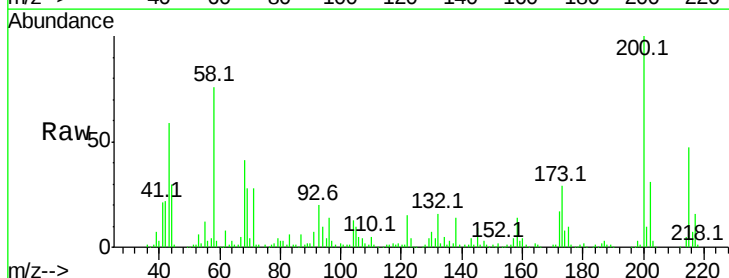
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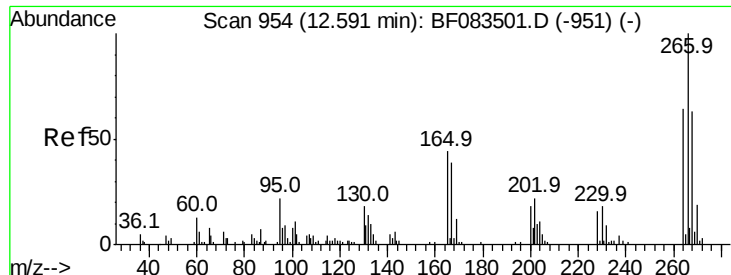
Mmdadoda
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#68
Atrazine
Concen: 48.77 ng
RT: 12.51 min Scan# 947
Delta R.T. 0.01 min
Lab File: BF083509.D
Acq: 5 Dec 2015 12:29

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	28.6	7.8	47.8	
215	46.9	25.7	65.7	





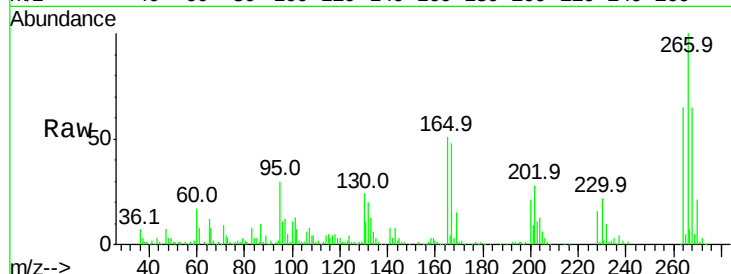
#69
 Pentachlorophenol
 Concen: 99.70 ng
 RT: 12.59 min Scan# 954
 Delta R.T. 0.00 min
 Lab File: BF083509.D
 Acq: 5 Dec 2015 12:29

Instrument :
 BNA_F
 ClientSampleId :
 20151124MGP211BRV71MS

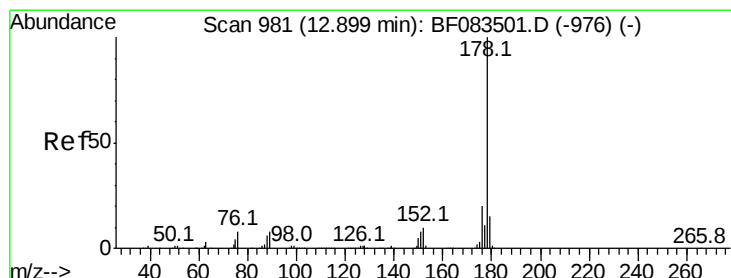
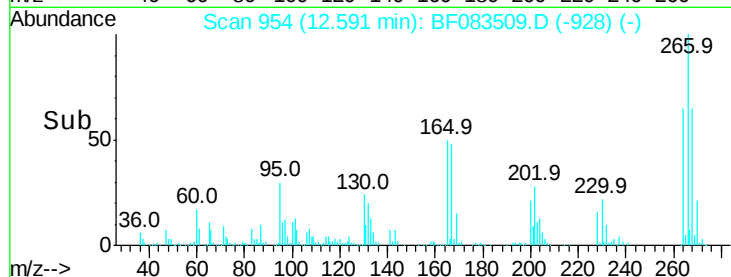
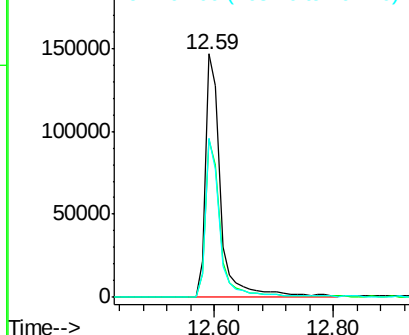
Tot Ion	Ratio	Resp	Lower	Upper
266	100	265805		
268	65.1	50.2	75.2	
264	65.3	51.4	77.2	

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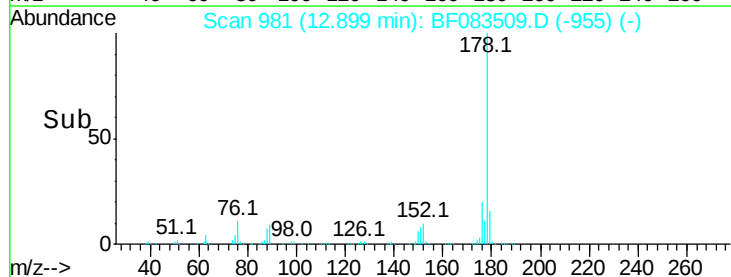
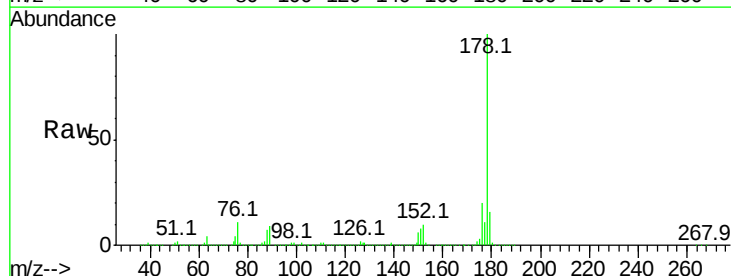
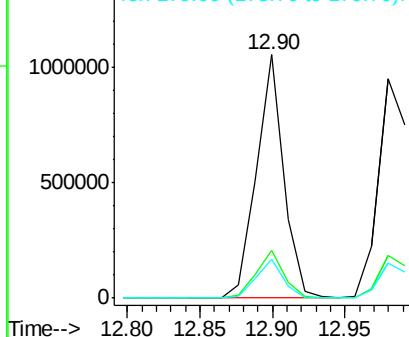
Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

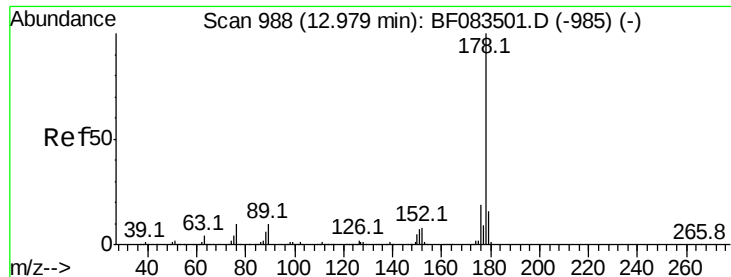


#70
 Phenanthrene
 Concen: 47.56 ng
 RT: 12.90 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: BF083509.D
 Acq: 5 Dec 2015 12:29

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1373965		
176	19.9	15.7	23.5	
179	15.8	12.2	18.4	

Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





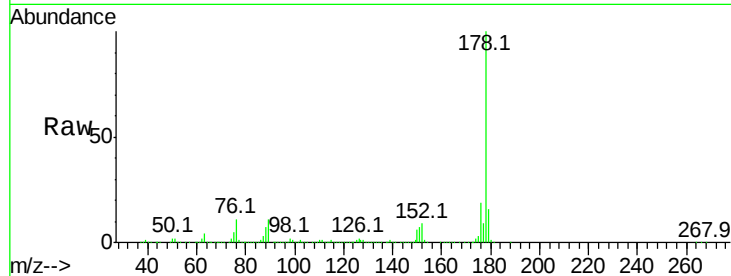
#71
 Anthracene
 Concen: 47.70 ng
 RT: 12.98 min Scan# 988
 Delta R.T. 0.00 min
 Lab File: BF083509.D
 Acq: 5 Dec 2015 12:29

Instrument :
 BNA_F
 ClientSampleId :
 20151124MGP211BRV71MS

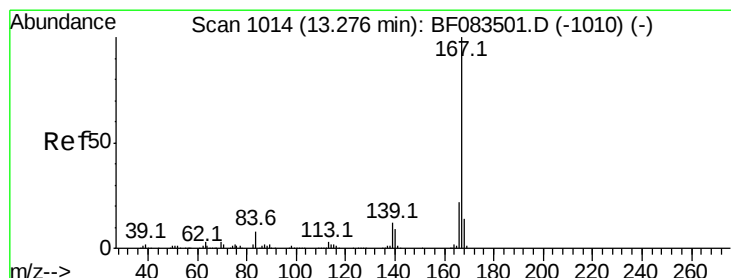
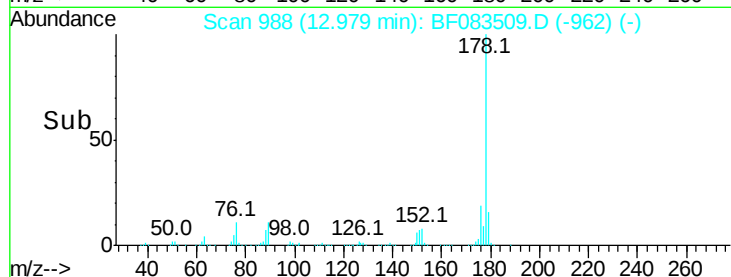
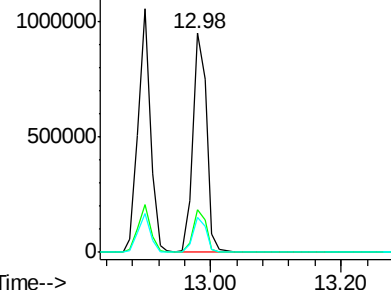
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.2	22.8
179	15.9	12.6	18.8

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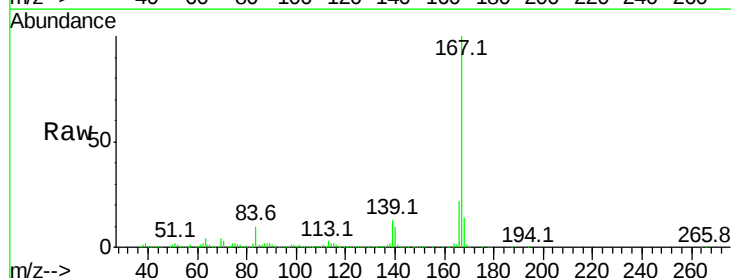


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

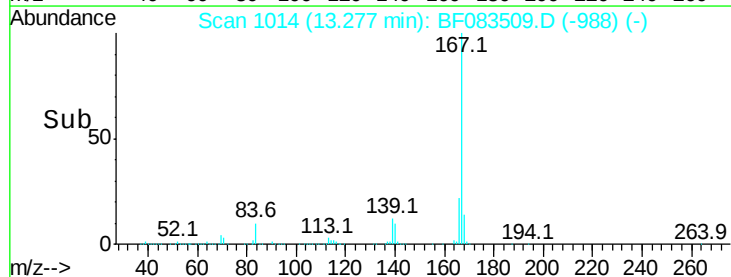
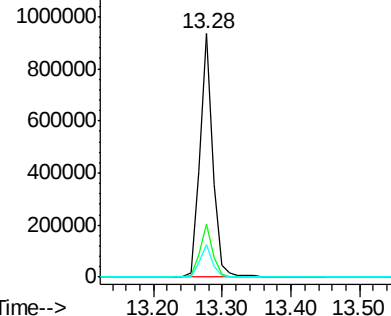


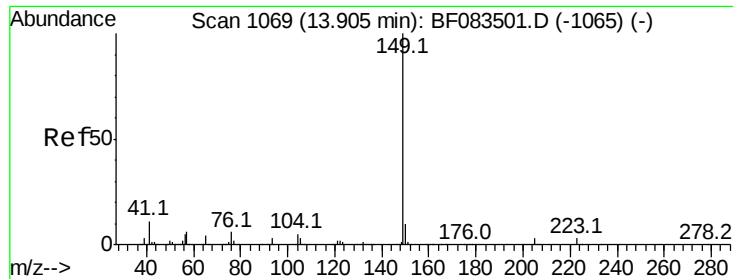
#72
 Carbazole
 Concen: 49.00 ng
 RT: 13.28 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: BF083509.D
 Acq: 5 Dec 2015 12:29

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.2	25.8
139	13.1	9.3	13.9



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 51.08 ng

RT: 13.92 min Scan# 1070

Delta R.T. 0.01 min

Lab File: BF083509.D

Acq: 5 Dec 2015 12:29

Instrument :

BNA_F

ClientSampleId :

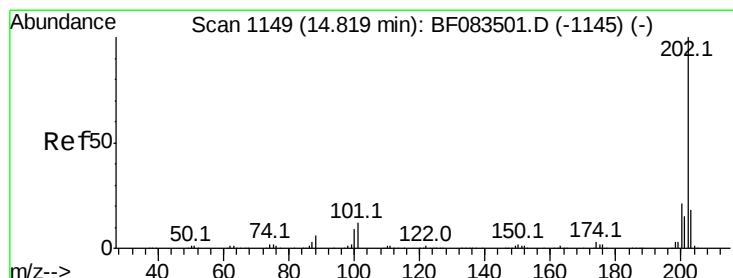
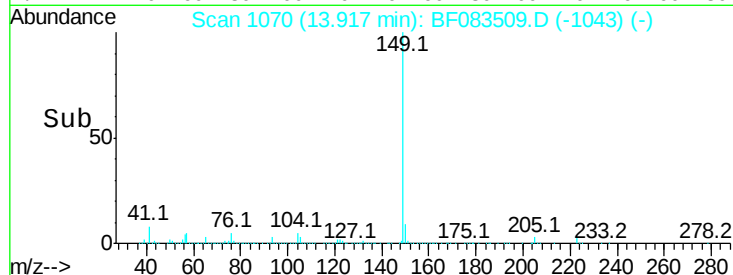
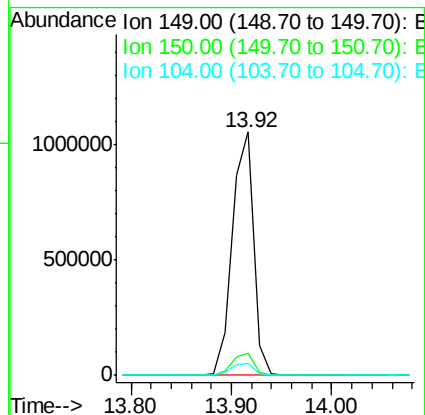
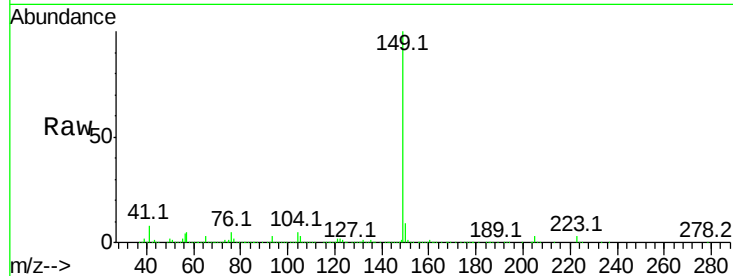
20151124MGP211BRV71MS

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Tot Ion:	149	Resp:	1556569
Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.8	11.6
104	4.7	3.9	5.9



#74

Fluoranthene

Concen: 48.06 ng

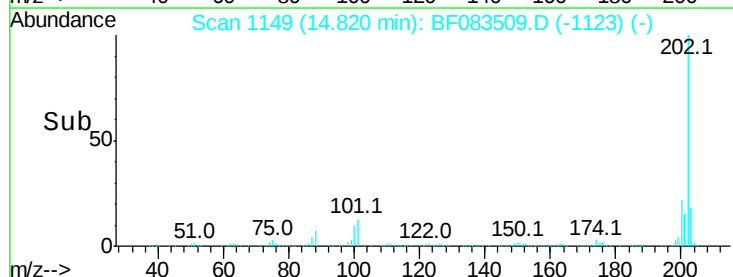
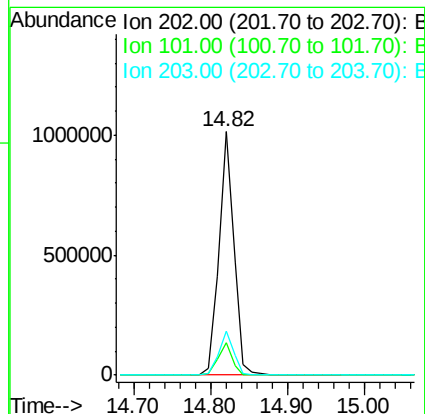
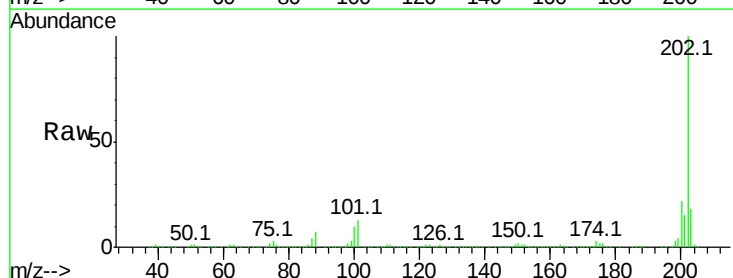
RT: 14.82 min Scan# 1149

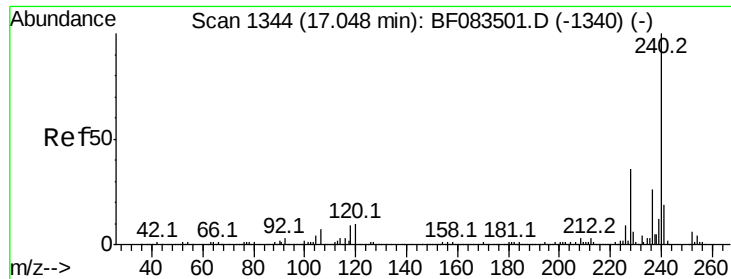
Delta R.T. 0.00 min

Lab File: BF083509.D

Acq: 5 Dec 2015 12:29

Tgt Ion:	202	Resp:	1376018
Ion	Ratio	Lower	Upper
202	100		
101	13.3	0.0	31.5
203	18.2	0.0	37.6





#75

Chrysene-d12

Concen: 20.00 ng

RT: 17.05 min Scan# 1344

Delta R.T. 0.00 min

Lab File: BF083509.D

Acq: 5 Dec 2015 12:29

Instrument :

BNA_F

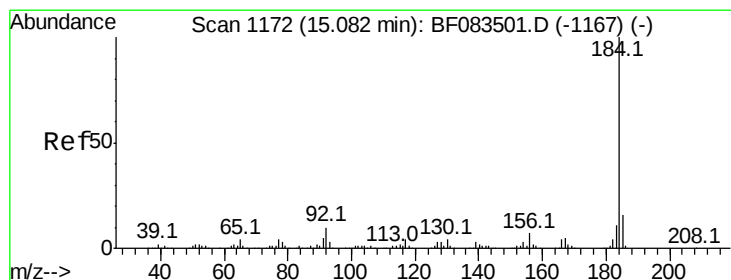
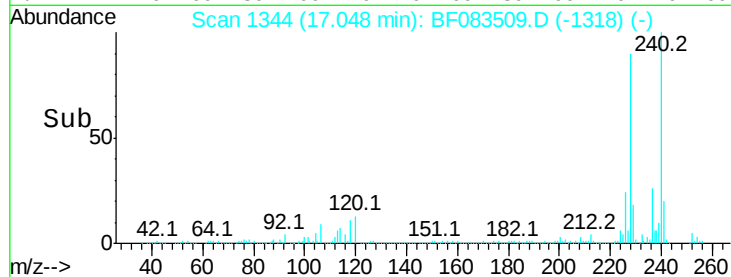
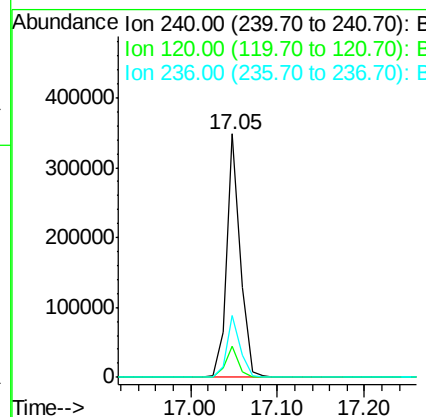
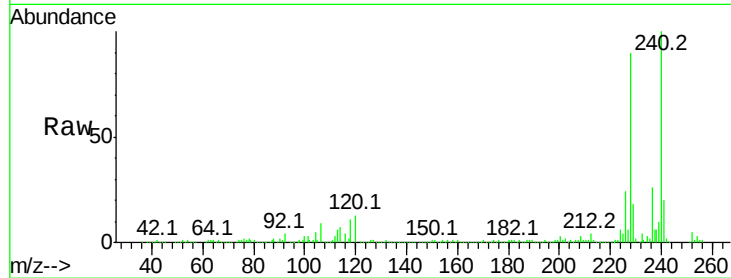
ClientSampleId :

20151124MGP211BRV71MS

Tot Ion:	240	Resp:	383945
Ion Ratio	Lower	Upper	
240	100		
120	13.0	8.1	12.1#
236	25.6	20.8	31.2

Manual Integrations
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Mmdadoda
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#76

Benzidine

Concen: 3.08 ng

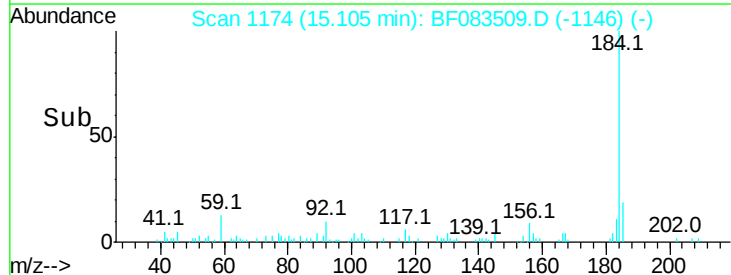
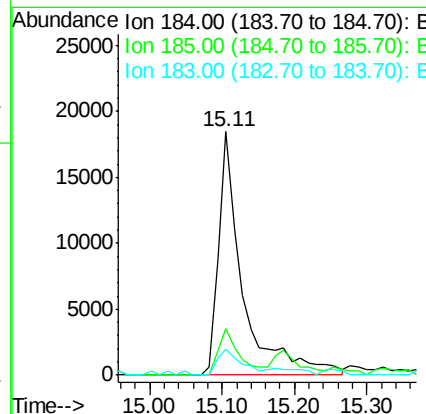
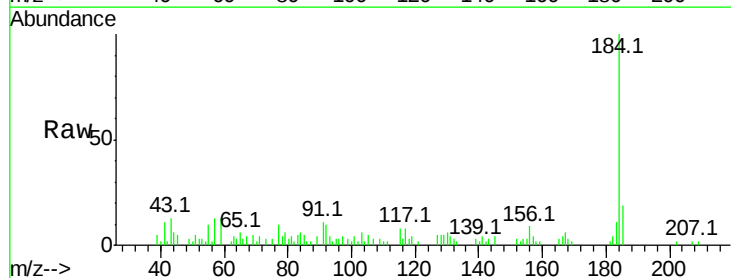
RT: 15.11 min Scan# 1174

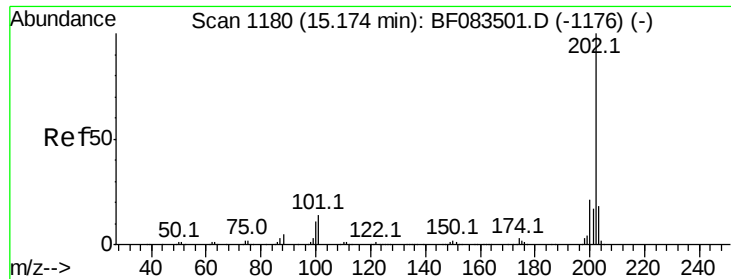
Delta R.T. 0.02 min

Lab File: BF083509.D

Acq: 5 Dec 2015 12:29

Tgt Ion:	184	Resp:	42733
Ion Ratio	Lower	Upper	
184	100		
185	19.1	13.0	19.6
183	10.8	9.0	13.4





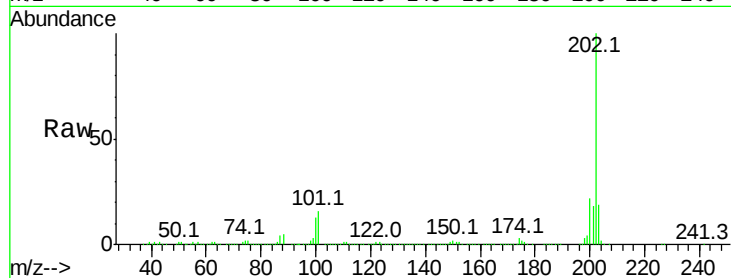
#77
Pvrene
Concen: 49.14 ng
RT: 15.17 min Scan# 1180
Delta R.T. 0.00 min
Lab File: BF083509.D
Acq: 5 Dec 2015 12:29

Instrument :
BNA_F
ClientSampleId :
20151124MGP211BRV71MS

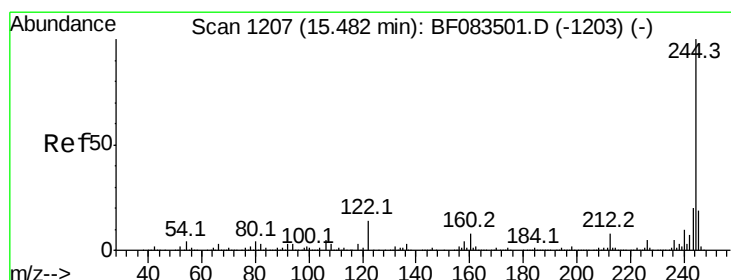
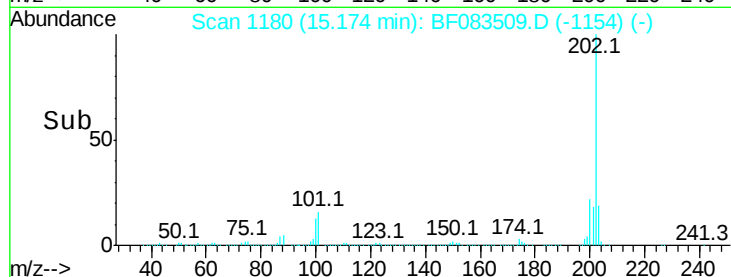
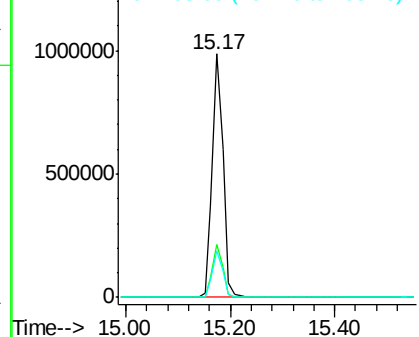
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.7	16.7	25.1
203	18.9	14.3	21.5

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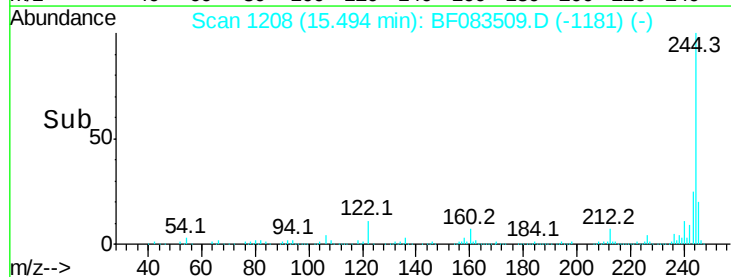
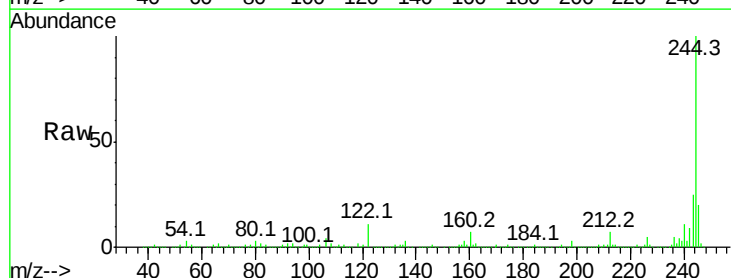
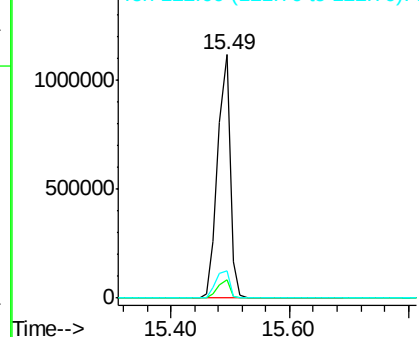
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

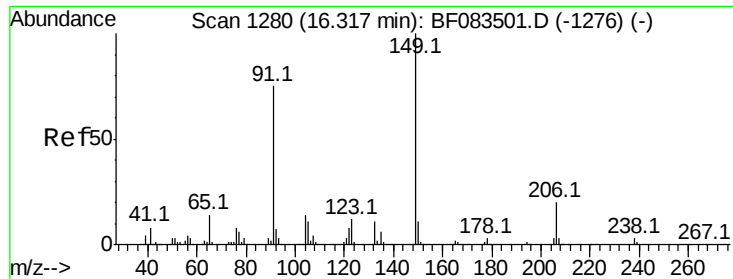


#78
Terphenyl-d14
Concen: 95.36 ng
RT: 15.49 min Scan# 1208
Delta R.T. 0.01 min
Lab File: BF083509.D
Acq: 5 Dec 2015 12:29

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.1	9.1
122	11.2	11.0	16.6

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





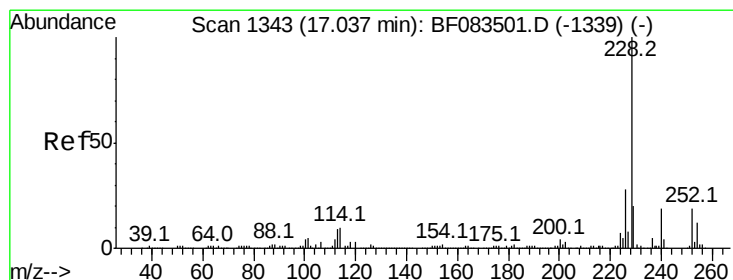
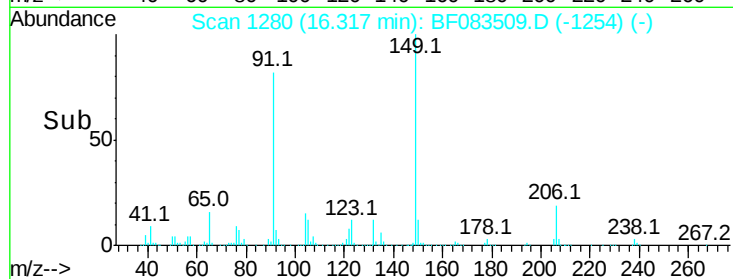
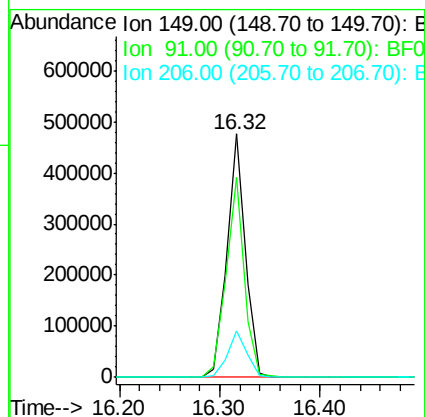
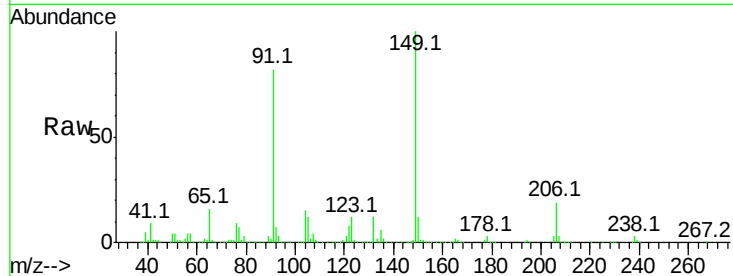
#79
Butylbenzylphthalate
Concen: 53.67 ng
RT: 16.32 min Scan# 1280
Delta R.T. 0.00 min
Lab File: BF083509.D
Acq: 5 Dec 2015 12:29

Instrument :
BNA_F
ClientSampleId :
20151124MGP211BRV71MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	606134		
91	82.1	60.0	90.0	
206	19.3	16.2	24.4	

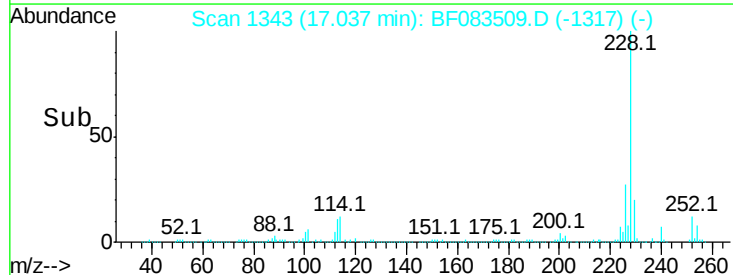
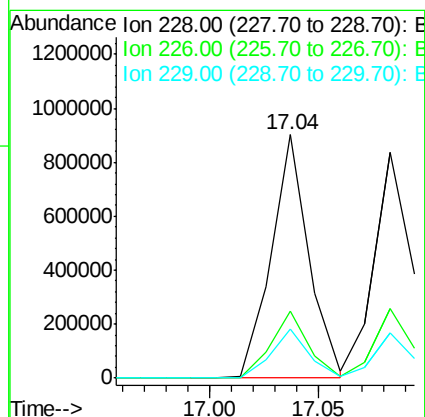
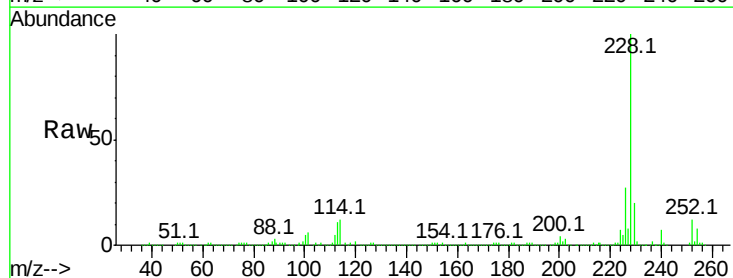
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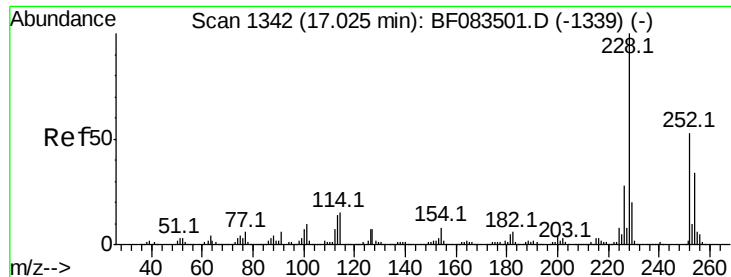
Mmdadoda
12/7/2015 6:30:53 PM



#80
Benzo(a)anthracene
Concen: 48.29 ng
RT: 17.04 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BF083509.D
Acq: 5 Dec 2015 12:29

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1084813		
226	27.3	22.3	33.5	
229	20.3	15.7	23.5	





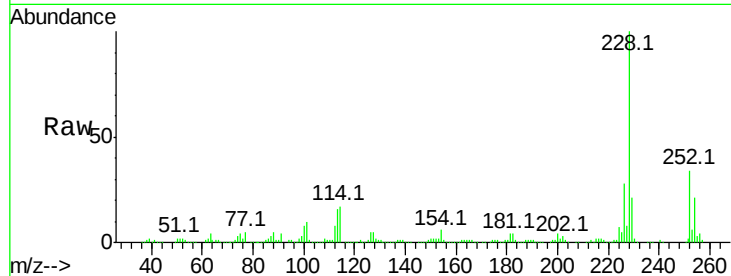
#81
 3,3'-Dichlorobenzidine
 Concen: 25.71 ng
 RT: 17.03 min Scan# 1342
 Delta R.T. 0.00 min
 Lab File: BF083509.D
 Acq: 5 Dec 2015 12:29

Instrument :
 BNA_F
 ClientSampleId :
 20151124MGP211BRV71MS

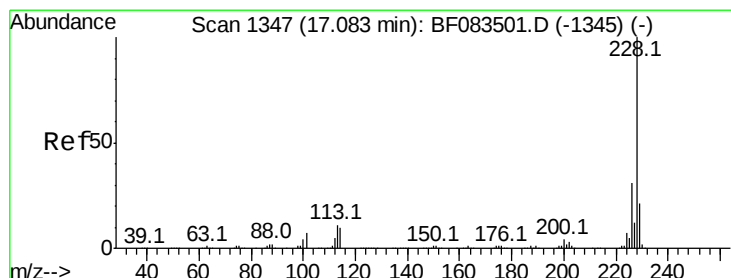
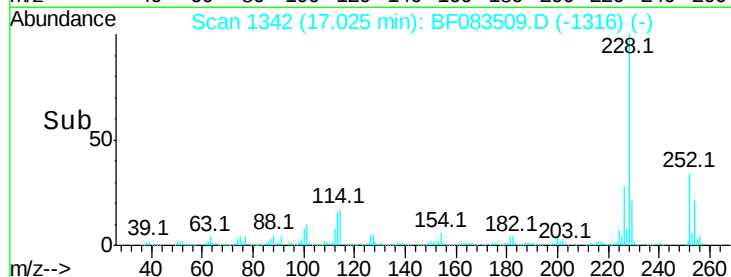
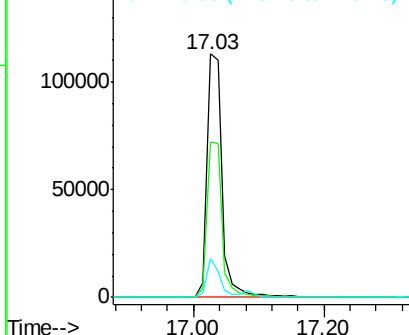
Manual Integrations
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Tot Ion	Ratio	Lower	Upper
252	100		
254	63.9	50.6	76.0
126	16.1	11.0	16.4

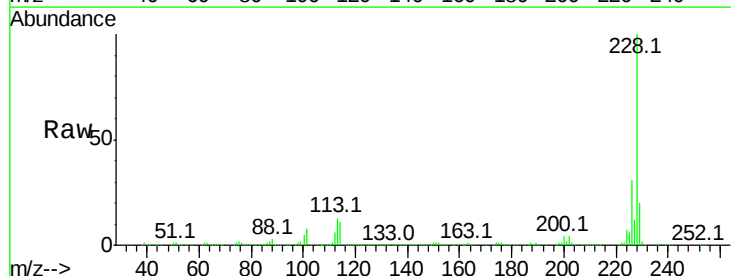


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

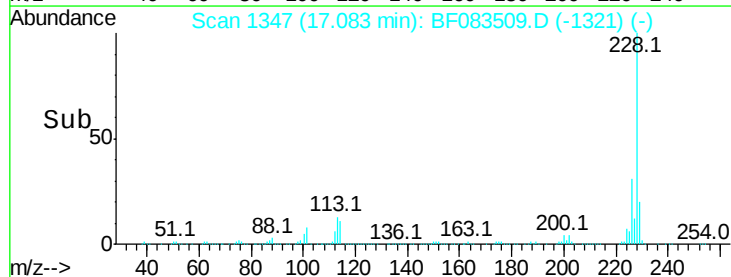
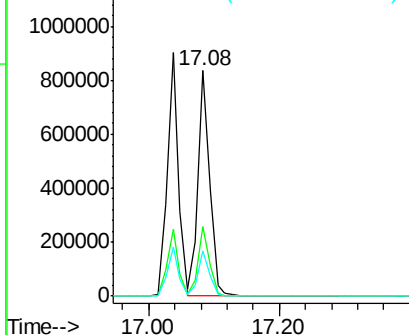


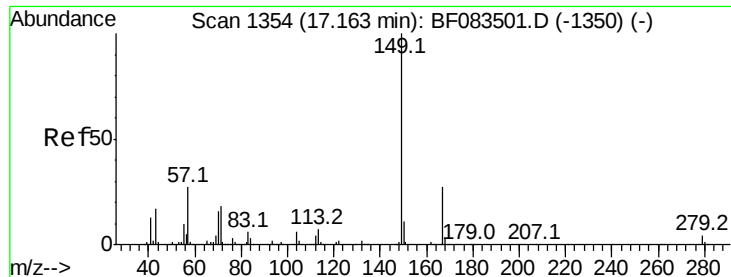
#82
 Chrysene
 Concen: 45.67 ng
 RT: 17.08 min Scan# 1347
 Delta R.T. 0.00 min
 Lab File: BF083509.D
 Acq: 5 Dec 2015 12:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.7	37.1
229	20.0	16.3	24.5



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





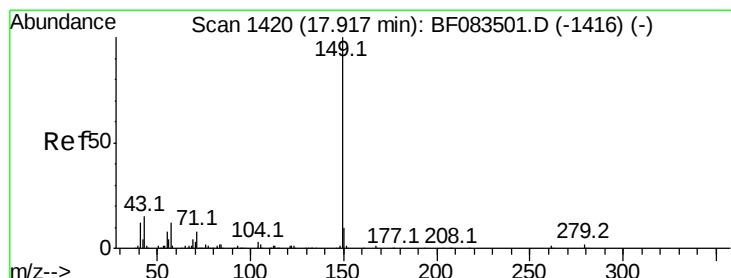
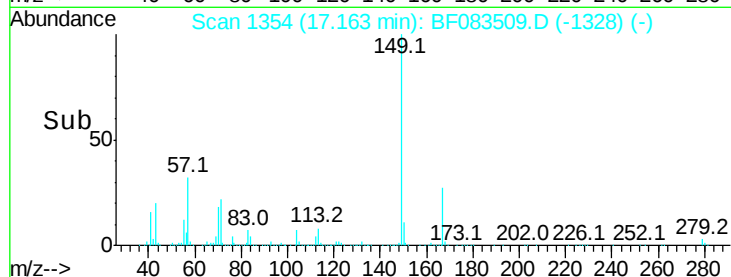
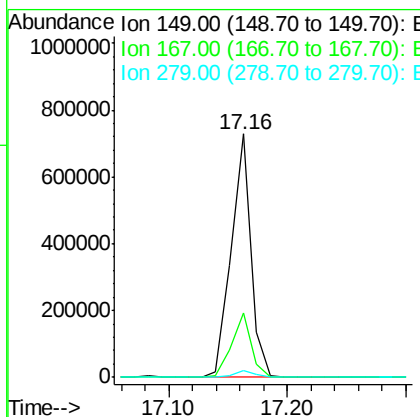
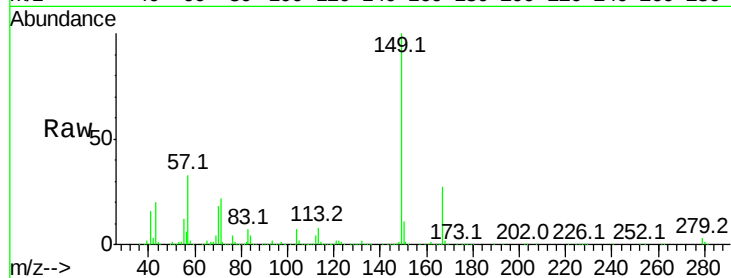
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 56.62 ng
 RT: 17.16 min Scan# 1354
 Delta R.T. 0.00 min
 Lab File: BF083509.D
 Acq: 5 Dec 2015 12:29

Instrument :
 BNA_F
 ClientSampleId :
 20151124MGP211BRV71MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	26.5	21.8	32.8	
279	2.9	3.0	4.4	

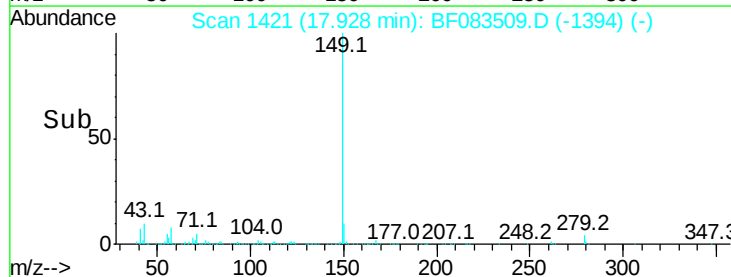
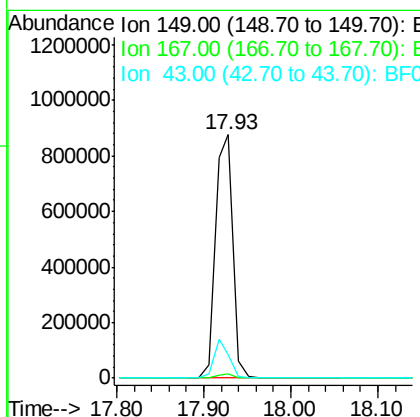
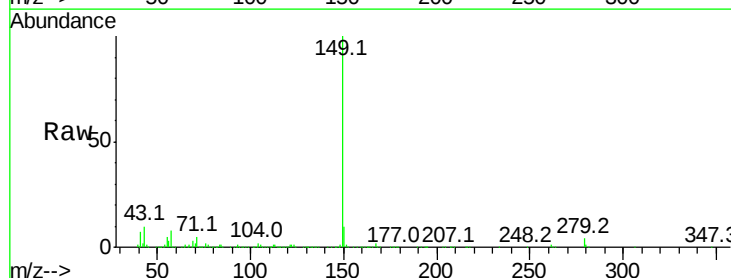
Manual Integrations
 APPROVED

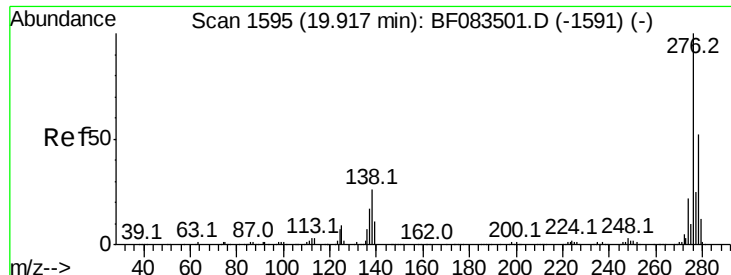
Mmdadoda
 12/7/2015 6:30:53 PM



#84
 Di-n-octyl phthalate
 Concen: 58.18 ng
 RT: 17.93 min Scan# 1421
 Delta R.T. 0.01 min
 Lab File: BF083509.D
 Acq: 5 Dec 2015 12:29

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.6	0.0	0.0	
43	13.7	0.0	0.0	





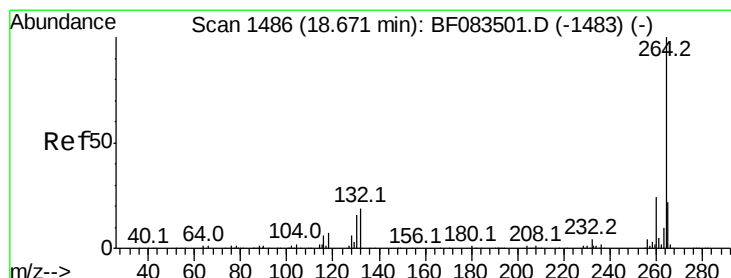
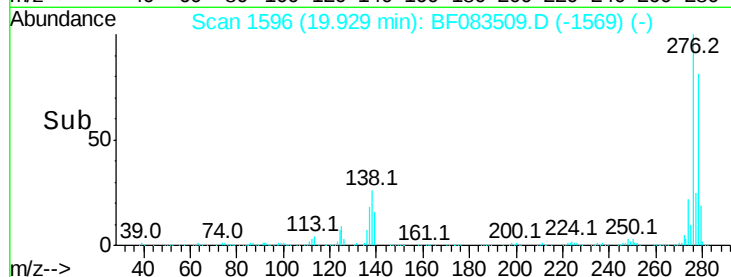
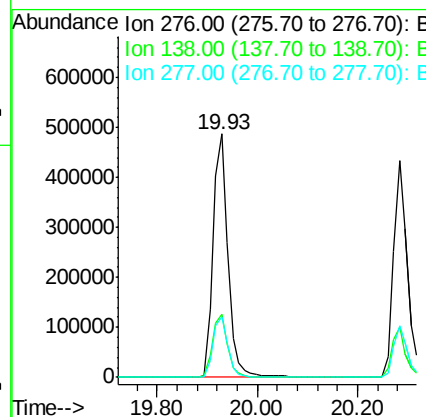
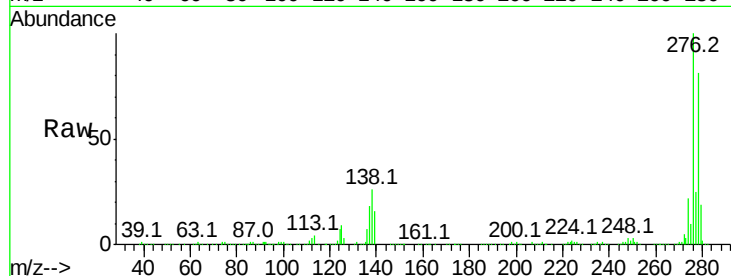
#85
Indeno(1,2,3-cd)pyrene
Concen: 52.23 ng
RT: 19.93 min Scan# 1596
Delta R.T. 0.01 min
Lab File: BF083509.D
Acq: 5 Dec 2015 12:29

Instrument :
BNA_F
ClientSampleId :
20151124MGP211BRV71MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.9	0.0	0.0#
277	25.1	0.0	0.0#

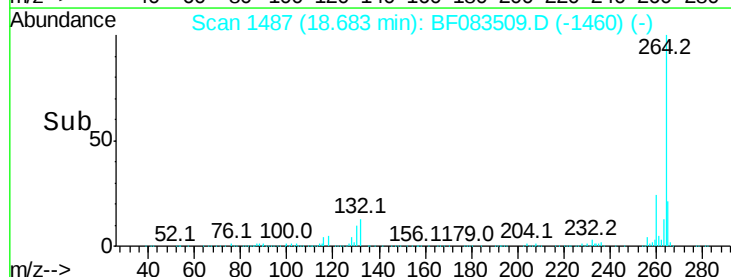
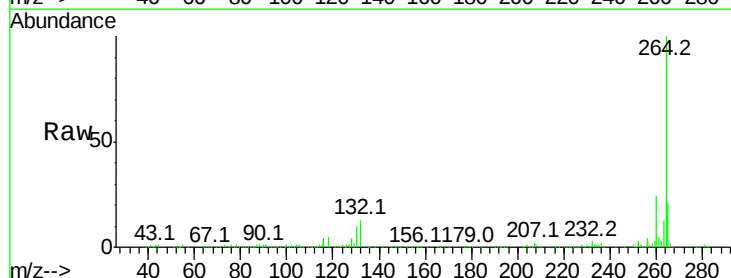
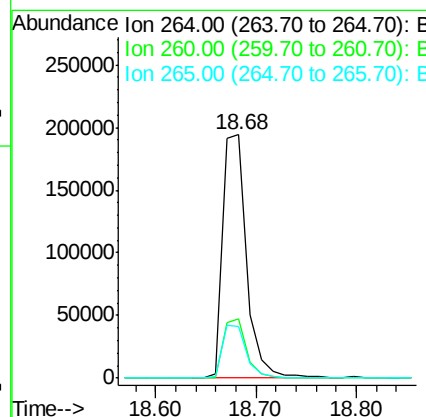
Manual Integrations
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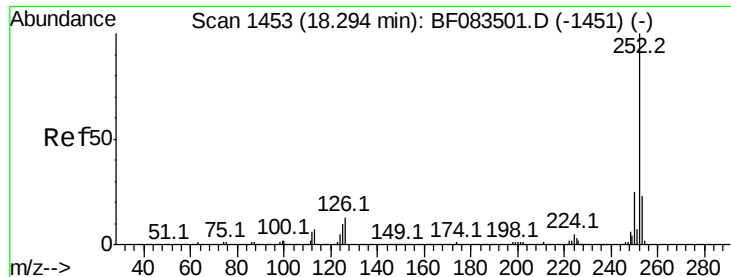
Mmdadoda
12/7/2015 6:30:53 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 18.68 min Scan# 1487
Delta R.T. 0.01 min
Lab File: BF083509.D
Acq: 5 Dec 2015 12:29

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.4	29.0
265	21.4	17.8	26.6





#87

Benzo(b)fluoranthene

Concen: 60.17 ng m

RT: 18.29 min Scan# 1453

Delta R.T. 0.00 min

Lab File: BF083509.D

Acq: 5 Dec 2015 12:29

Instrument :

BNA_F

ClientSampleId :

20151124MGP211BRV71MS

Tot Ion:252 Resp: 1083896

Ion Ratio Lower Upper

252 100

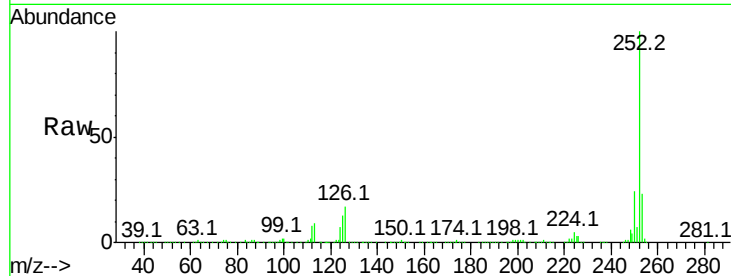
253 22.6 18.2 27.4

125 12.8 8.2 12.4#

Manual Integrations
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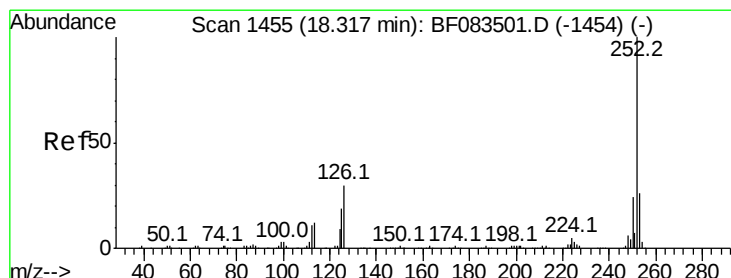
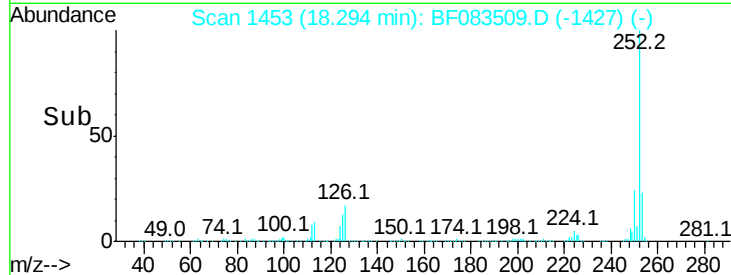
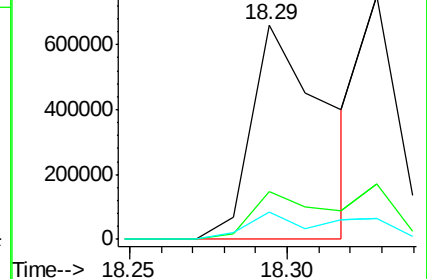
12/7/2015 6:30:53 PM



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 34.97 ng m

RT: 18.33 min Scan# 1456

Delta R.T. 0.01 min

Lab File: BF083509.D

Acq: 5 Dec 2015 12:29

Tgt Ion:252 Resp: 645349

Ion Ratio Lower Upper

252 100

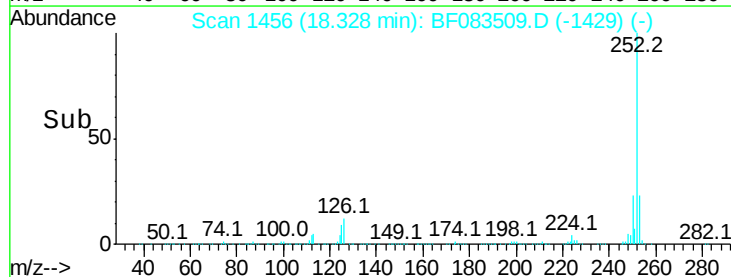
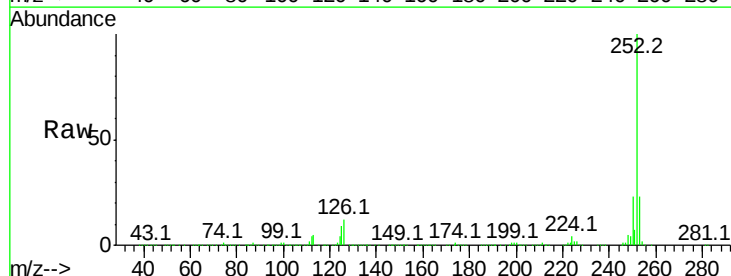
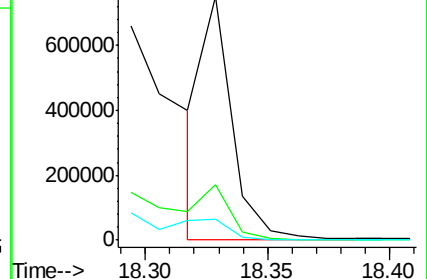
253 22.5 18.6 27.8

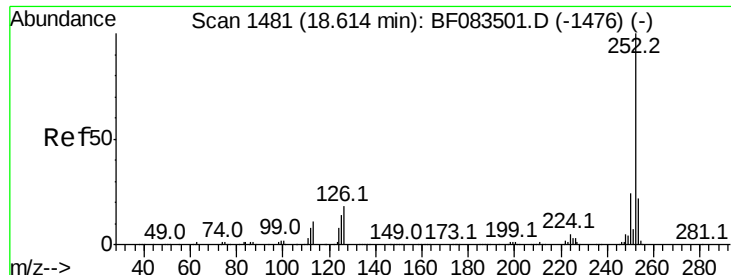
125 8.7 11.5 17.3#

Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





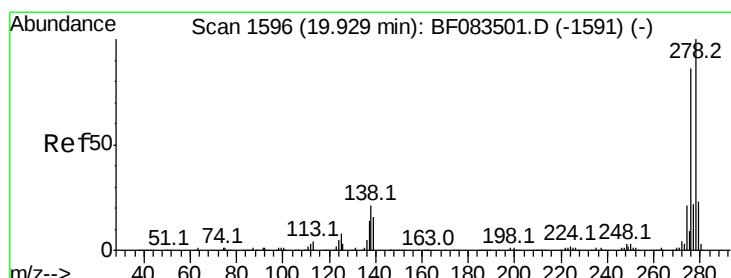
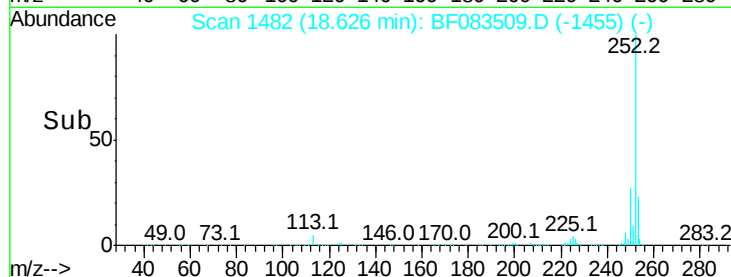
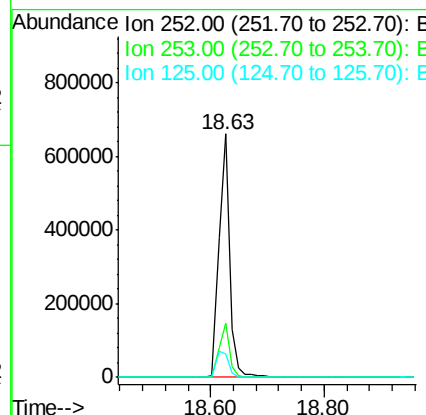
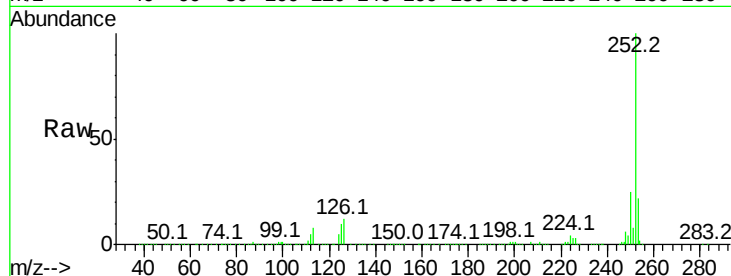
#89
Benzo(a)pyrene
Concen: 48.16 ng
RT: 18.63 min Scan# 1482
Delta R.T. 0.01 min
Lab File: BF083509.D
Acq: 5 Dec 2015 12:29

Instrument :
BNA_F
ClientSampleId :
20151124MGP211BRV71MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	9.5	11.0	16.6

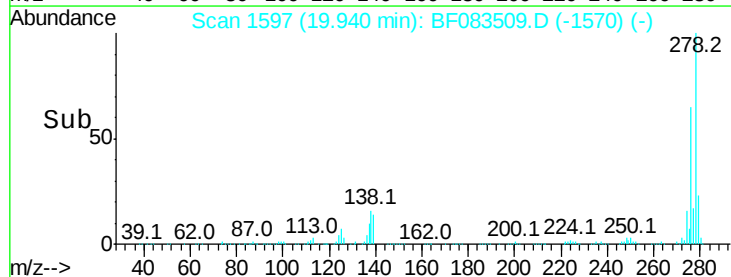
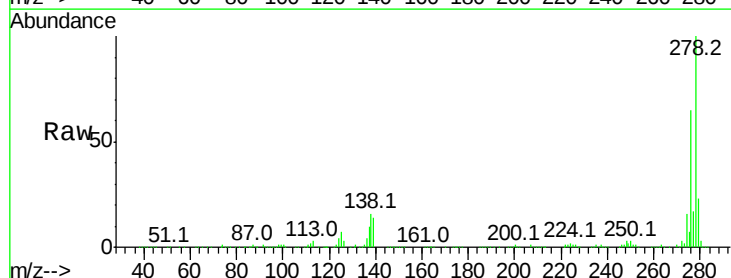
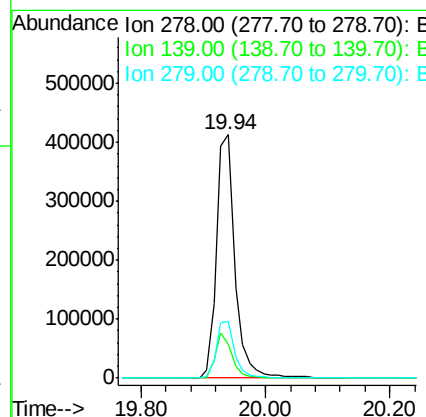
Manual Integrations
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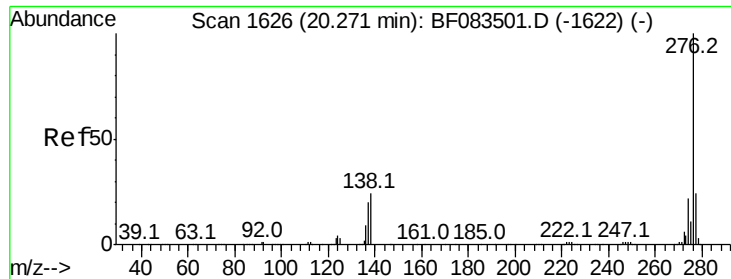
Mmdadoda
12/7/2015 6:30:53 PM



#90
Dibenzo(a,h)anthracene
Concen: 49.96 ng
RT: 19.94 min Scan# 1597
Delta R.T. 0.01 min
Lab File: BF083509.D
Acq: 5 Dec 2015 12:29

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.8	12.8	19.2
279	23.1	18.6	28.0





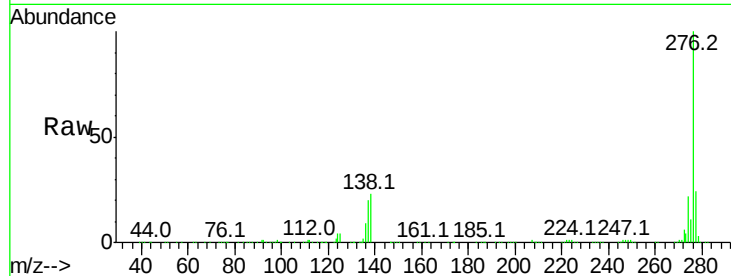
#91
 Benzo(a,h,i)perylene
 Concen: 50.55 ng
 RT: 20.28 min Scan# 1627
 Delta R.T. 0.01 min
 Lab File: BF083509.D
 Acq: 5 Dec 2015 12:29

Instrument :
 BNA_F
 ClientSampleId :
 20151124MGP211BRV71MS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.2	28.8
138	23.0	19.5	29.3

Manual Integrations
 APPROVED

Mmdadoda
 12/7/2015 6:30:53 PM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

