

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121015\
 Data File : BF083692.D
 Acq On : 10 Dec 2015 23:01
 Operator : UM/IZ
 Sample : G4659-04MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A8-4CMS

Manual Integrations
 APPROVED

MMdadoda
 12/11/2015 6:01:44 PM

Quant Time: Dec 17 11:36:32 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 17 09:56:43 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.61	152	148918	20.00	ng	-0.09
21) Naphthalene-d8	7.50	136	579998	20.00	ng	-0.10
38) Acenaphthene-d10	10.29	164	282632	20.00	ng	-0.09
63) Phenanthrene-d10	12.69	188	505360	20.00	ng	-0.09
75) Chrysene-d12	16.91	240	380313	20.00	ng	-0.08
86) Perylene-d12	18.57	264	312612	20.00	ng	-0.07

System Monitoring Compounds

5) 2-Fluorophenol	3.90	112	1345607	137.05	ng	-0.07
7) Phenol-d6	5.20	99	1692147	128.98	ng	-0.08
23) Nitrobenzene-d5	6.44	82	1107014	89.06	ng	-0.09
41) 2,4,6-Tribromophenol	11.60	330	330878	131.41	ng	-0.09
44) 2-Fluorobiphenyl	9.25	172	1685662	83.94	ng	-0.09
78) Terphenyl-d14	15.31	244	1514762	93.71	ng	-0.10

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.80	88	154912	31.94	ng	# 80
3) Pyridine	2.24	79	490155	41.59	ng	100
4) n-Nitrosodimethylamine	2.20	42	280812	45.26	ng	98
6) Aniline	5.17	93	395211	24.45	ng	90
8) 2-Chlorophenol	5.33	128	481342	44.83	ng	98
9) Benzaldehyde	5.04	77	134649	16.31	ng	97
10) Phenol	5.21	94	729277	45.90	ng	84
11) bis(2-Chloroethyl)ether	5.28	93	518470	44.35	ng	99
12) 1,3-Dichlorobenzene	5.53	146	516791	43.18	ng	99
13) 1,4-Dichlorobenzene	5.63	146	520450	42.39	ng	99
14) 1,2-Dichlorobenzene	5.85	146	497243	43.64	ng	97
15) Benzyl Alcohol	5.87	79	486010	52.07	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.04	45	912572	42.21	ng	# 62
17) 2-Methylphenol	6.06	107	413254	47.30	ng	# 90
18) Hexachloroethane	6.32	117	177757	41.00	ng	93
19) n-Nitroso-di-n-propylamine	6.25	70	406685	44.41	ng	93
20) 3+4-Methylphenols	6.30	107	516531	44.90	ng	99
22) Acetophenone	6.22	105	680047	41.80	ng	95
24) Nitrobenzene	6.48	77	572934	41.70	ng	96
25) Isophorone	6.84	82	1053479	43.67	ng	99
26) 2-Nitrophenol	6.96	139	243661	44.67	ng	94
27) 2,4-Dimethylphenol	7.08	122	408515	42.81	ng	96
28) bis(2-Chloroethoxy)methane	7.20	93	625944	46.73	ng	99
29) 2,4-Dichlorophenol	7.37	162	417878	48.15	ng	99
30) 1,2,4-Trichlorobenzene	7.44	180	414959	43.29	ng	97
31) Naphthalene	7.54	128	1381787	44.98	ng	99
32) Benzoic acid	7.39	122	99089	18.21	ng	97
33) 4-Chloroaniline	7.70	127	174837	15.61	ng	96
34) Hexachlorobutadiene	7.74	225	240206	42.89	ng	98
35) Caprolactam	8.29	113	122055m	46.86	ng	
36) 4-Chloro-3-methylphenol	8.54	107	441266	45.26	ng	96
37) 2-Methylnaphthalene	8.64	142	899493	46.62	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	394943	42.56	ng	# 100
40) Hexachlorocyclopentadiene	8.89	237	89767	54.95	ng	97

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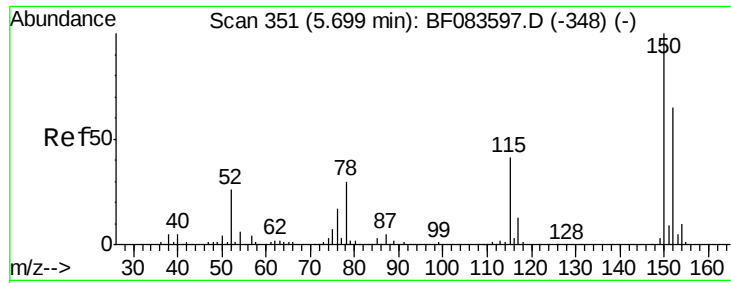
Manual Integrations
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Quant Time: Dec 17 11:36:32 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120815.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	249007	45.10	nq	96
43) 2,4,5-Trichlorophenol	9.24	196	244513	44.73	nq	97
45) 1,1'-Biphenyl	9.40	154	1050412	42.76	nq	100
46) 2-Chloronaphthalene	9.41	162	816366	44.01	nq	96
47) 2-Nitroaniline	9.64	65	321719	48.10	nq	# 85
48) Acenaphthylene	10.06	152	1287819	42.11	nq	100
49) Dimethylphthalate	9.95	163	1163228	51.70	nq	100
50) 2,6-Dinitrotoluene	10.04	165	204929	44.12	nq	# 88
51) Acenaphthene	10.35	154	759917	43.40	nq	98
52) 3-Nitroaniline	10.33	138	127474	25.82	nq	85
53) 2,4-Dinitrophenol	10.54	184	178453	77.79	nq	97
54) Dibenzofuran	10.64	168	1150741	47.39	nq	97
55) 4-Nitrophenol	10.74	139	195129	89.78	nq	90
56) 2,4-Dinitrotoluene	10.72	165	289428	46.98	nq	# 78
57) Fluorene	11.18	166	906622	42.78	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.89	232	213652	48.51	nq	# 100
59) Diethylphthalate	11.09	149	927440	42.40	nq	99
60) 4-Chlorophenyl-phenylether	11.21	204	424013	42.03	nq	99
61) 4-Nitroaniline	11.33	138	191114	42.61	nq	95
62) Azobenzene	11.47	77	1190008	49.43	nq	99
64) 4,6-Dinitro-2-methylphenol	11.39	198	135073	39.59	nq	78
65) n-Nitrosodiphenylamine	11.42	169	765812	45.92	nq	99
66) 4-Bromophenyl-phenylether	12.00	248	245140	43.49	nq	93
67) Hexachlorobenzene	12.08	284	268165	44.85	nq	# 85
68) Atrazine	12.35	200	242583	48.88	nq	98
69) Pentachlorophenol	12.44	266	154804	93.35	nq	99
70) Phenanthrene	12.73	178	1308770	45.07	nq	99
71) Anthracene	12.82	178	1334094	44.35	nq	99
72) Carbazole	13.12	167	1209804	46.90	nq	98
73) Di-n-butylphthalate	13.73	149	1425399	43.94	nq	99
74) Fluoranthene	14.65	202	1311735	44.16	nq	97
76) Benzidine	14.95	184	345789	29.23	nq	95
77) Pyrene	15.01	202	1323687	48.34	nq	99
79) Butylbenzylphthalate	16.15	149	589054	48.47	nq	96
80) Benzo(a)anthracene	16.90	228	1025693	46.08	nq	99
81) 3,3'-Dichlorobenzidine	16.89	252	246202	32.74	nq	98
82) Chrysene	16.95	228	984473	44.12	nq	99
83) Bis(2-ethylhexyl)phthalate	17.00	149	826677	49.01	nq	# 97
84) Di-n-octyl phthalate	17.78	149	1269752	49.26	nq	# 100
85) Indeno(1,2,3-cd)pyrene	19.76	276	837602	55.61	nq	# 100
87) Benzo(b)fluoranthene	18.18	252	975482m	54.80	nq	
88) Benzo(k)fluoranthene	18.21	252	654626m	33.37	nq	
89) Benzo(a)pyrene	18.51	252	754187	43.42	nq	# 96
90) Dibenzo(a,h)anthracene	19.76	278	715906	53.90	nq	99
91) Benzo(g,h,i)perylene	20.11	276	686160	52.99	nq	98

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



#1

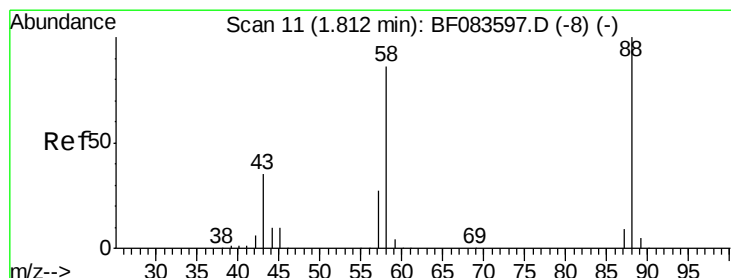
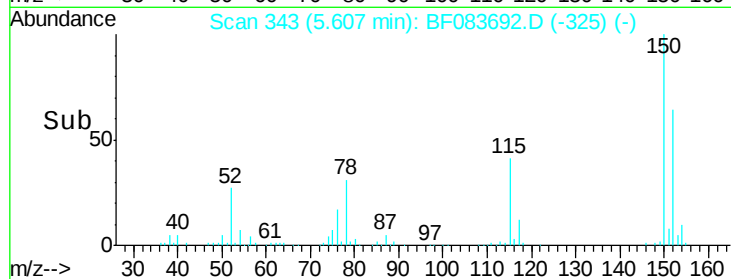
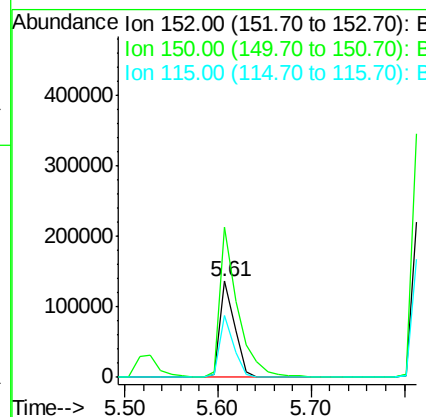
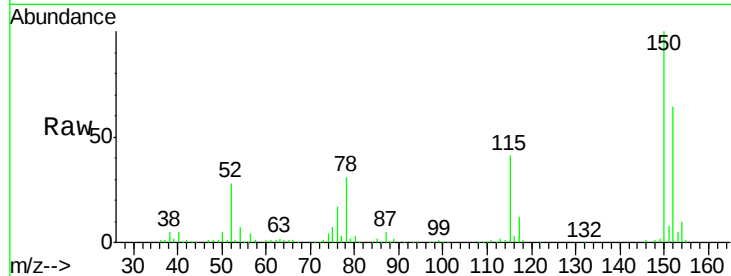
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.61 min Scan# 343
Delta R.T. -0.09 min
Lab File: BF083692.D
Acq: 10 Dec 2015 23:01

Instrument :
BNA_F
ClientSampleId :
A8-4CMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	126.5	189.7
115	63.8	52.3	78.5

Manual Integrations
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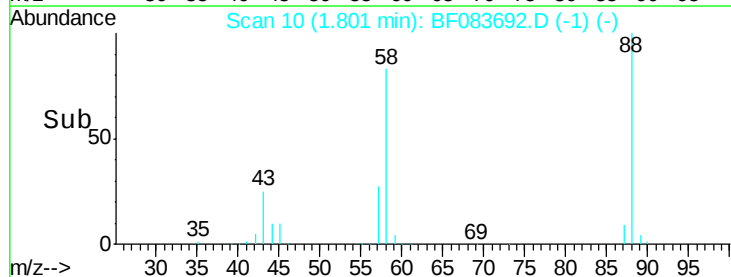
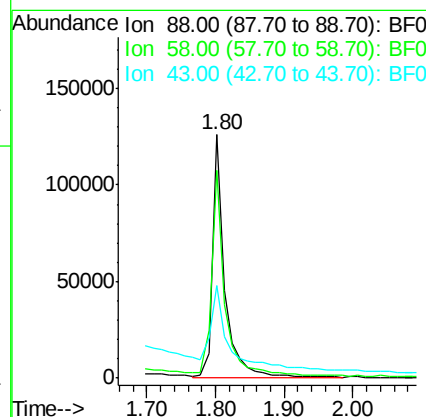
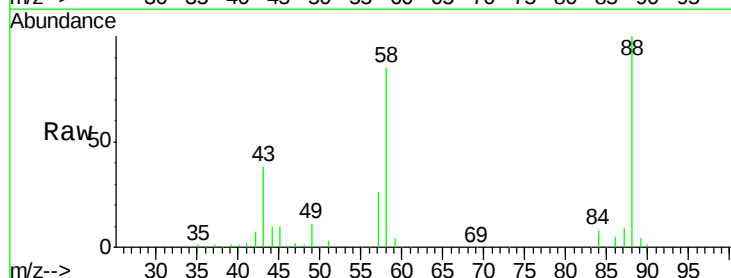
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12/11/2015 6:01:44 PM

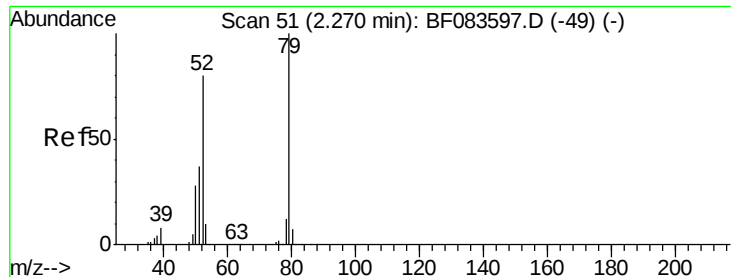


#2

1,4-Dioxane
Concen: 31.94 ng
RT: 1.80 min Scan# 10
Delta R.T. -0.01 min
Lab File: BF083692.D
Acq: 10 Dec 2015 23:01

Tgt Ion	Ratio	Lower	Upper
88	100		
58	96.4	68.0	102.0
43	57.4	27.9	41.9#





#3

Pvridine

Concen: 41.59 ng

RT: 2.24 min Scan# 48

Delta R.T. -0.03 min

Lab File: BF083692.D

Acq: 10 Dec 2015 23:01

Instrument :

BNA_F

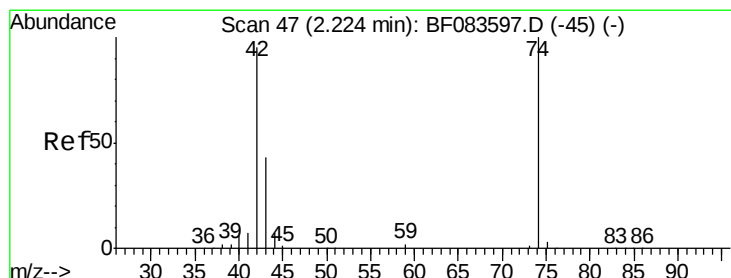
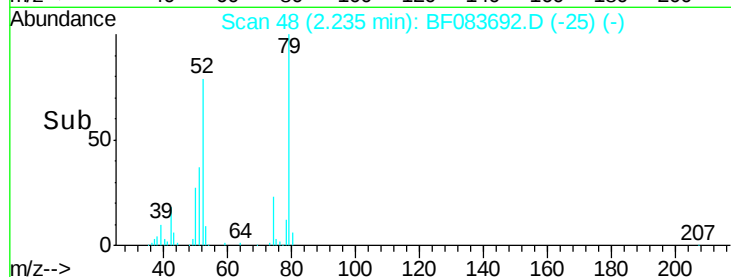
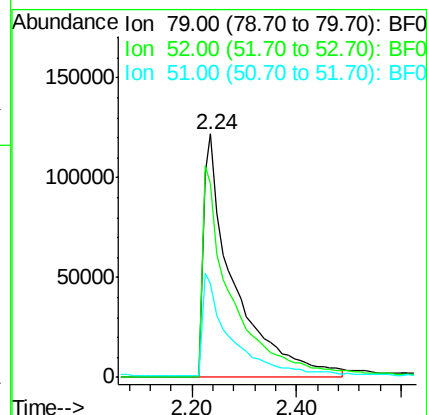
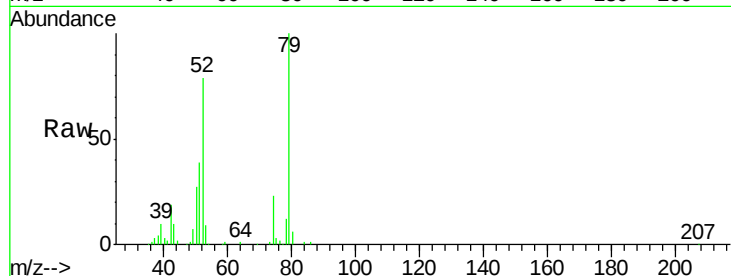
ClientSampleId :

A8-4CMS

Tot Ion:	79	Resp:	490155
Ion Ratio	Lower	Upper	
79	100		
52	79.5	63.7	95.5
51	38.8	30.6	45.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 45.26 ng

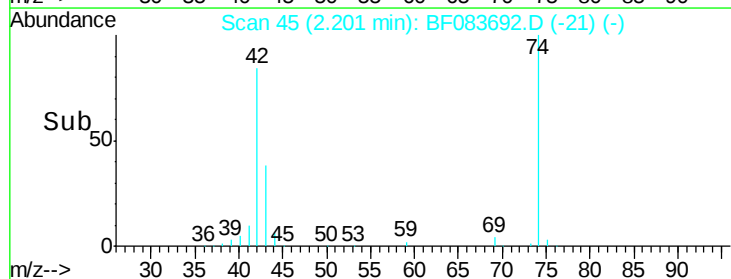
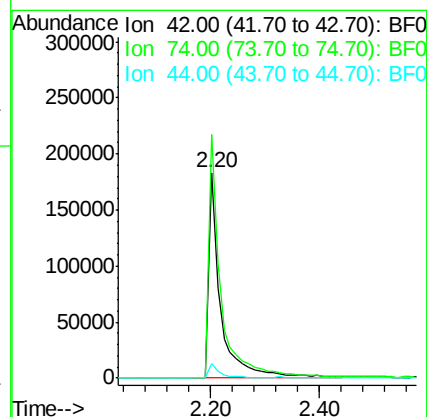
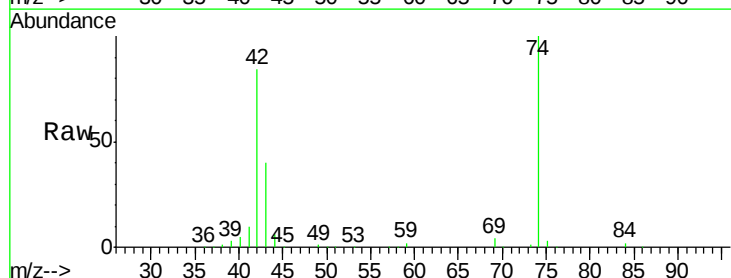
RT: 2.20 min Scan# 45

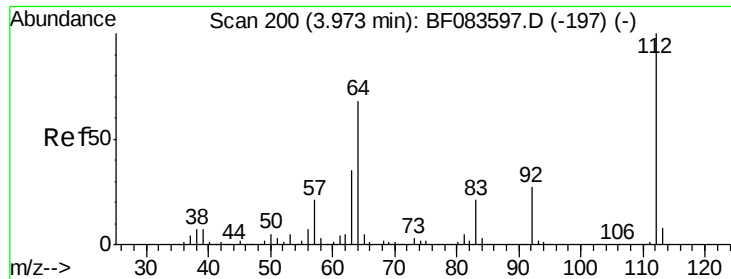
Delta R.T. -0.02 min

Lab File: BF083692.D

Acq: 10 Dec 2015 23:01

Tgt Ion:	42	Resp:	280812
Ion Ratio	Lower	Upper	
42	100		
74	118.6	92.9	139.3
44	7.0	5.7	8.5





#5

2-Fluorophenol

Concen: 137.05 ng

RT: 3.90 min Scan# 194

Delta R.T. -0.07 min

Lab File: BF083692.D

Acq: 10 Dec 2015 23:01

Instrument :

BNA_F

ClientSampleId :

A8-4CMS

Tot Ion: 112 Resp: 1345607

Ion Ratio Lower Upper

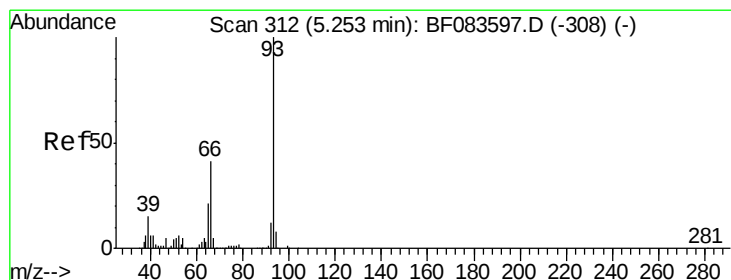
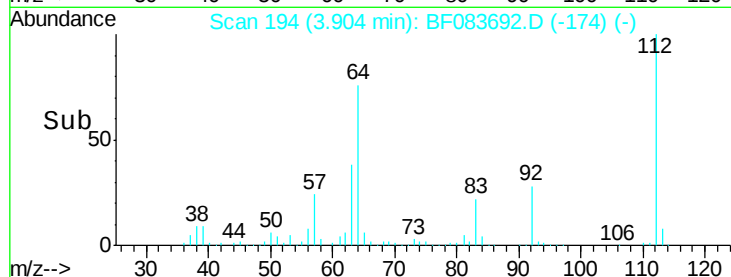
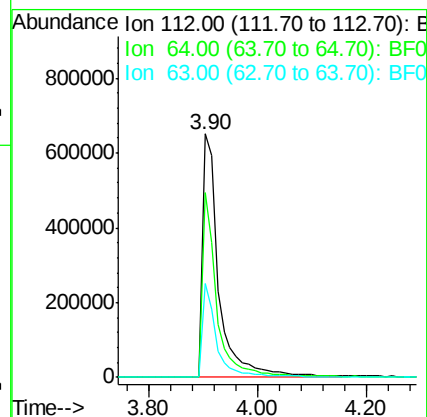
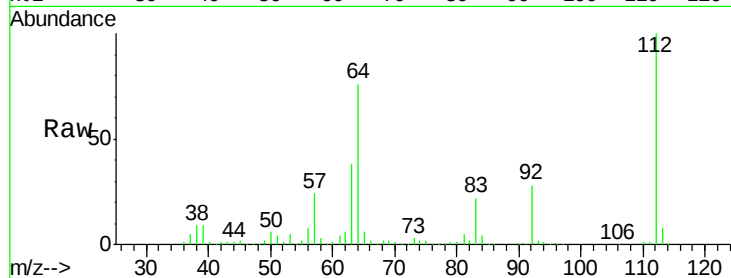
112 100

64 75.8 50.5 75.7#

63 38.4 25.8 38.6

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#6

Aniline

Concen: 24.45 ng

RT: 5.17 min Scan# 305

Delta R.T. -0.08 min

Lab File: BF083692.D

Acq: 10 Dec 2015 23:01

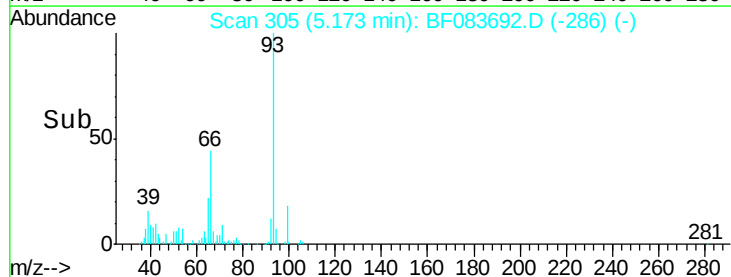
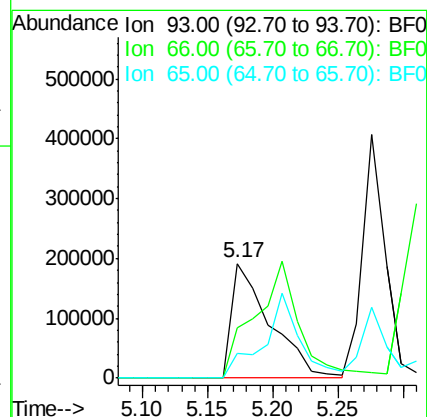
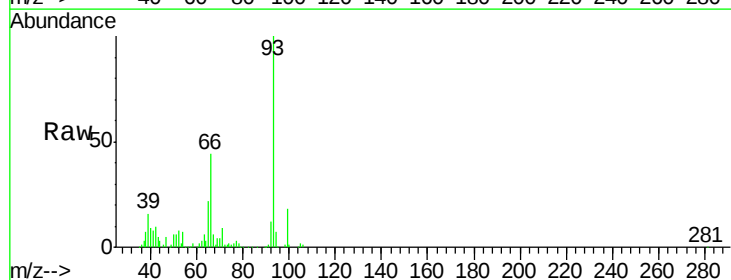
Tgt Ion: 93 Resp: 395211

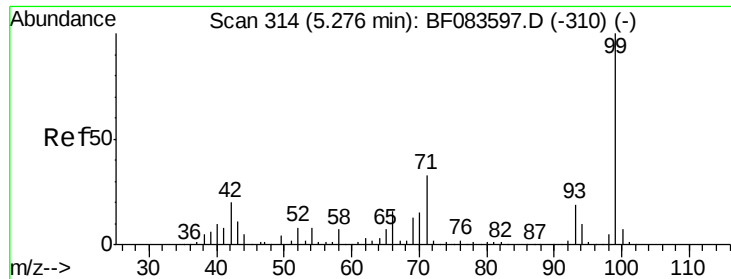
Ion Ratio Lower Upper

93 100

66 43.8 41.3 61.9

65 21.7 20.8 31.2





#7

Phenol-d6

Concen: 128.98 ng

RT: 5.20 min Scan# 307

Delta R.T. -0.08 min

Lab File: BF083692.D

Acq: 10 Dec 2015 23:01

Instrument :

BNA_F

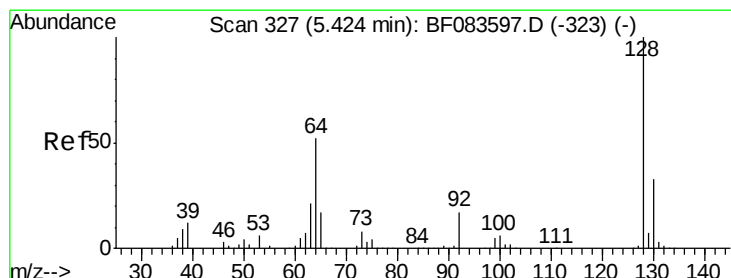
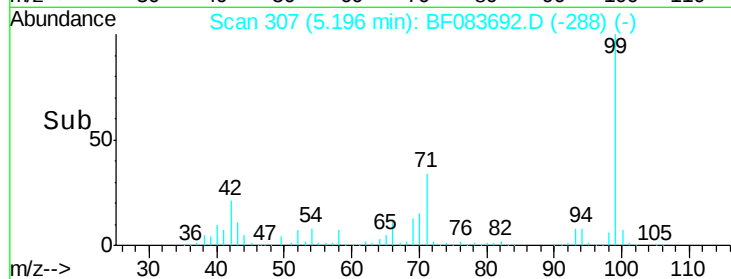
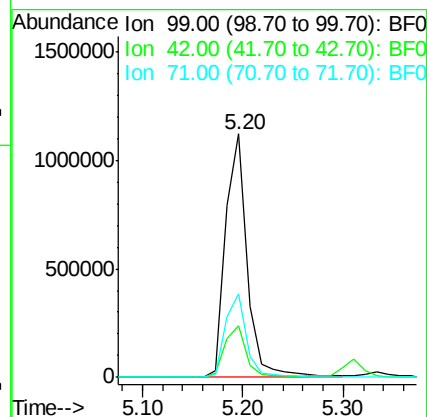
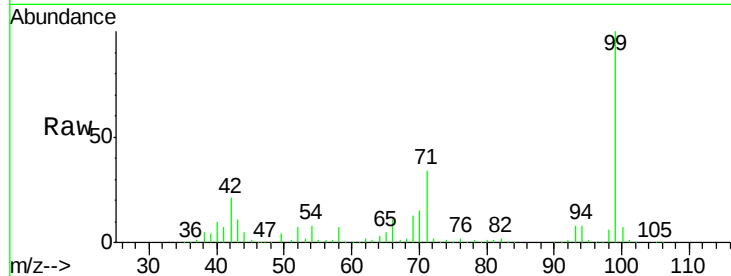
ClientSampleId :

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Tot Ion:	99	Resp:	1692147
Ion	Ratio	Lower	Upper
99	100		
42	21.1	17.3	25.9
71	34.4	26.6	40.0

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#8

2-Chlorophenol

Concen: 44.83 ng

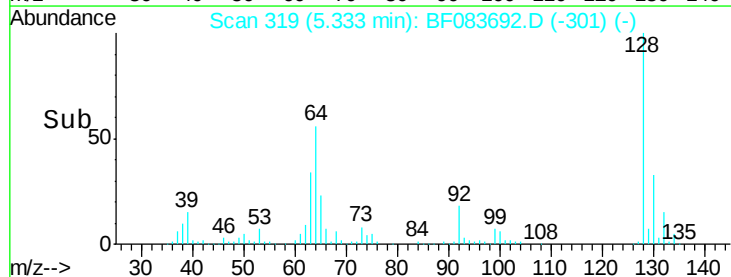
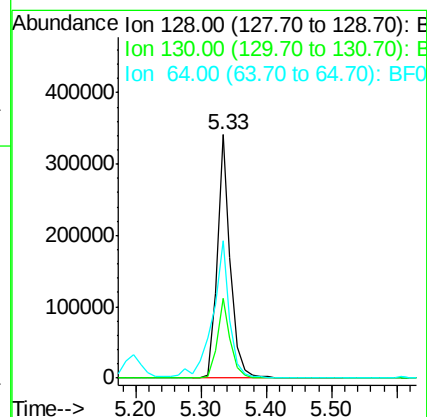
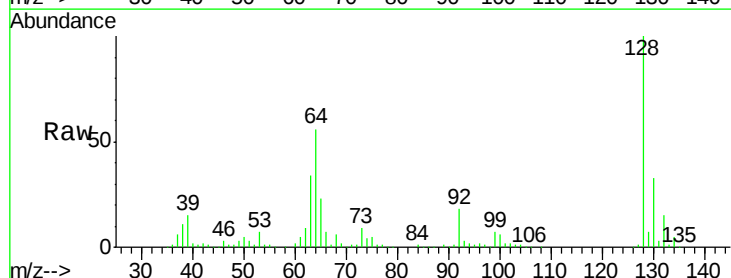
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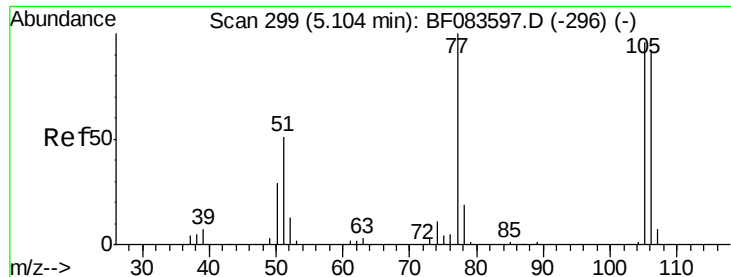
Delta R.T. -0.09 min

Lab File: BF083692.D

Acq: 10 Dec 2015 23:01

Tgt Ion:	128	Resp:	481342
Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.6	52.6
64	56.3	38.6	78.6





#9

Benzaldehyde

Concen: 16.31 ng

RT: 5.04 min Scan# 293

Delta R.T. -0.07 min

Lab File: BF083692.D

Acq: 10 Dec 2015 23:01

Instrument :

BNA_F

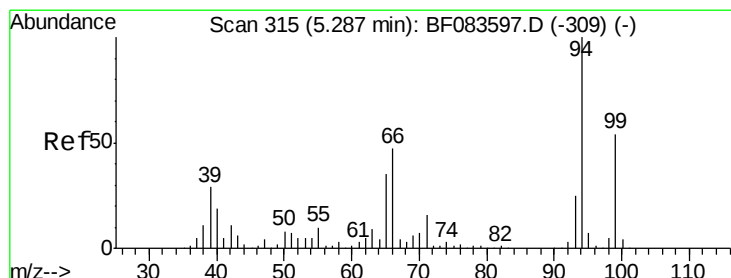
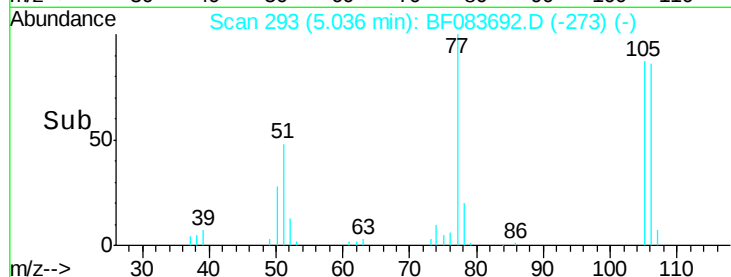
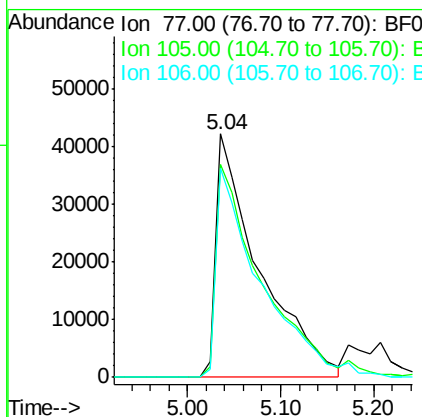
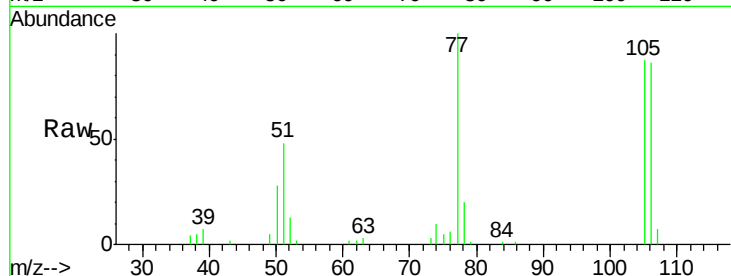
ClientSampleId :

A8-4CMS

Manual Integrations
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Tot Ion:	77	Resp:	134649
Ion	Ratio	Lower	Upper
77	100		
105	87.3	71.8	111.8
106	86.1	66.8	106.8



#10

Phenol

Concen: 45.90 ng

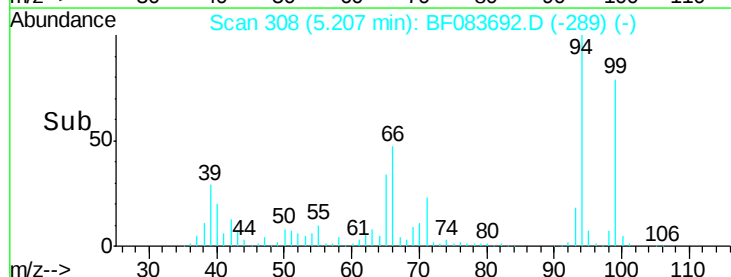
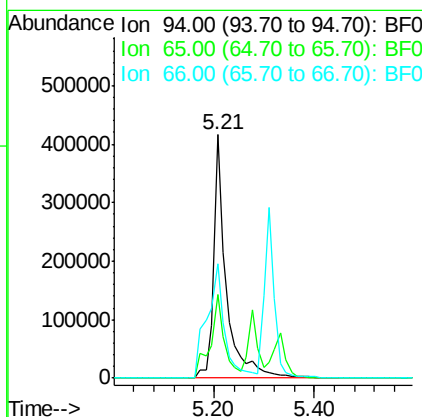
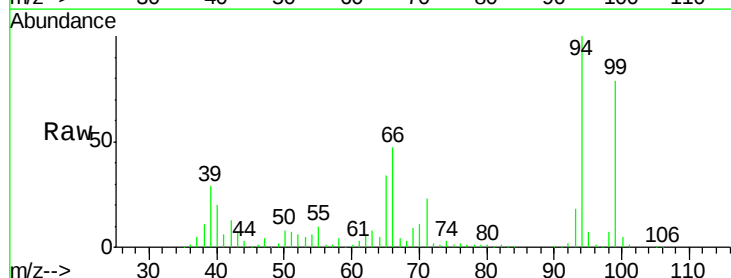
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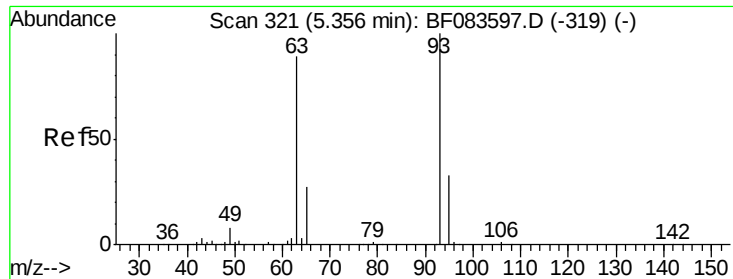
Delta R.T. -0.08 min

Lab File: BF083692.D

Acq: 10 Dec 2015 23:01

Tgt Ion:	94	Resp:	729277
Ion	Ratio	Lower	Upper
94	100		
65	34.3	20.9	60.9
66	46.8	41.6	81.6





#11

bis(2-Chloroethyl)ether

Concen: 44.35 ng

RT: 5.28 min Scan# 314

Delta R.T. -0.08 min

Lab File: BF083692.D

Acq: 10 Dec 2015 23:01

Instrument :

BNA_F

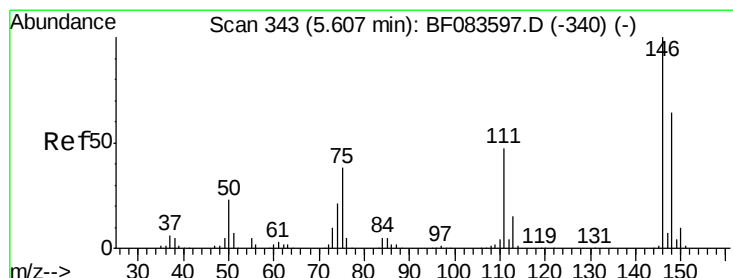
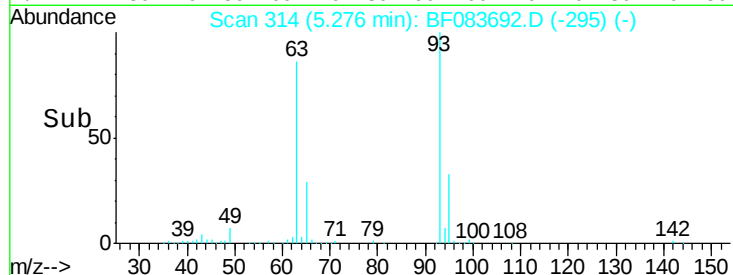
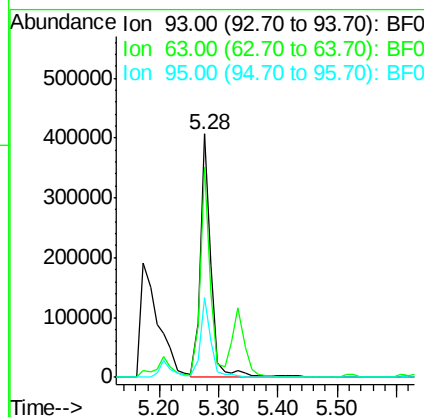
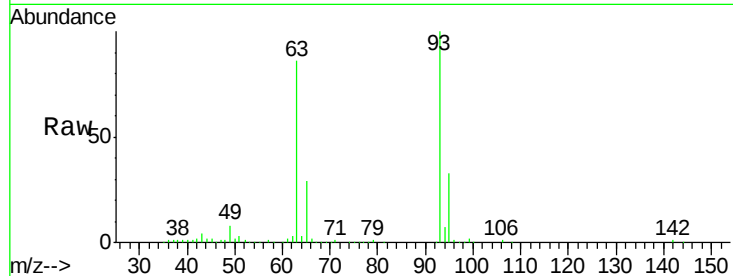
ClientSampleId :

A8-4CMS

Tot Ion:	93	Resp:	518470
Ion Ratio	Lower	Upper	
93	100		
63	86.5	64.7	104.7
95	32.8	12.7	52.7

Manual Integrations
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MMdadoda
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#12

1,3-Dichlorobenzene

Concen: 43.18 ng

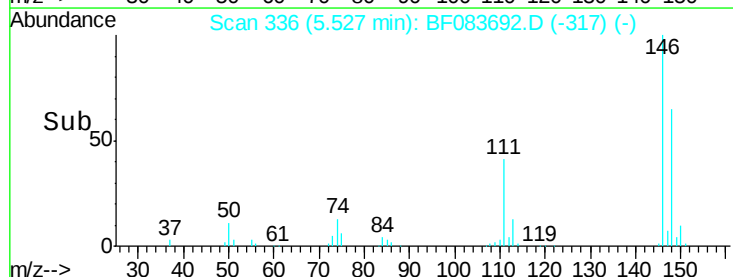
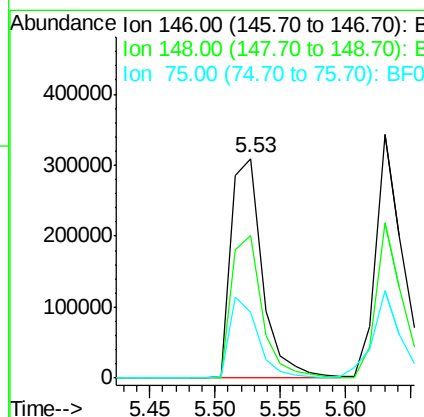
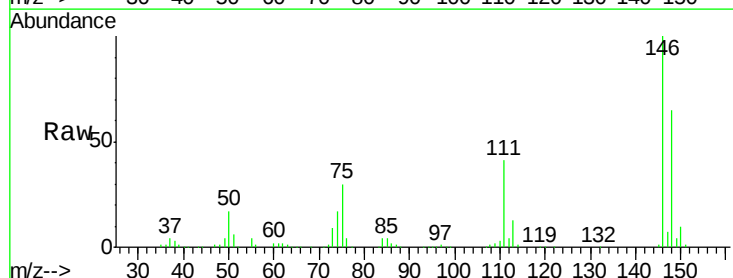
RT: 5.53 min Scan# 336

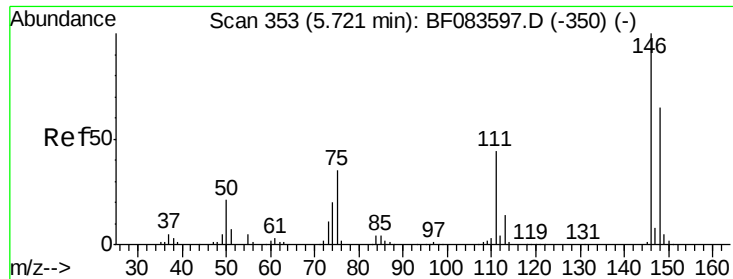
Delta R.T. -0.08 min

Lab File: BF083692.D

Acq: 10 Dec 2015 23:01

Tgt Ion:	146	Resp:	516791
Ion Ratio	Lower	Upper	
146	100		
148	65.0	51.3	76.9
75	30.0	24.1	36.1





#13

1,4-Dichlorobenzene

Concen: 42.39 ng

RT: 5.63 min Scan# 345

Delta R.T. -0.09 min

Lab File: BF083692.D

Acq: 10 Dec 2015 23:01

Instrument :

BNA_F

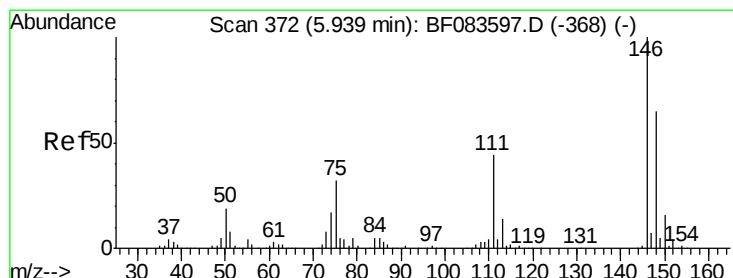
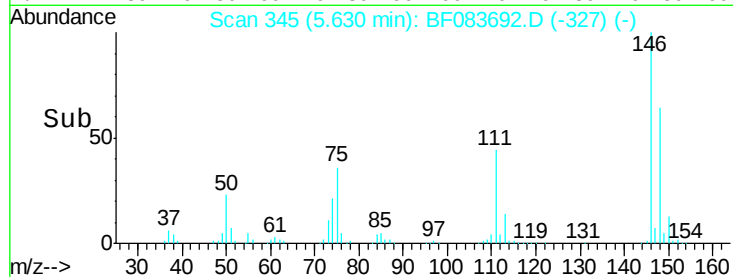
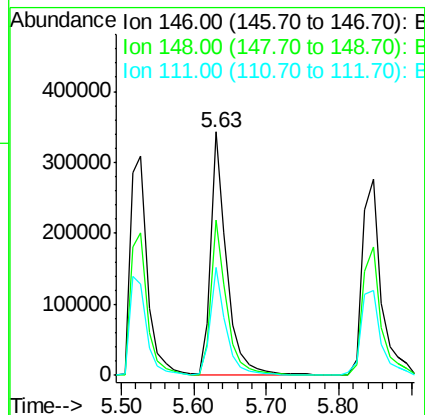
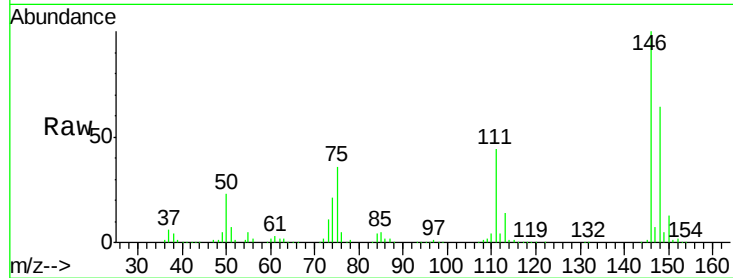
ClientSampleId :

A8-4CMS

Tot Ion:	146	Resp:	520450
Ion Ratio	Lower	Upper	
146	100		
148	64.0	50.6	76.0
111	44.3	36.1	54.1

Manual Integrations
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MMdadoda
12/11/2015 6:01:44 PM



#14

1,2-Dichlorobenzene

Concen: 43.64 ng

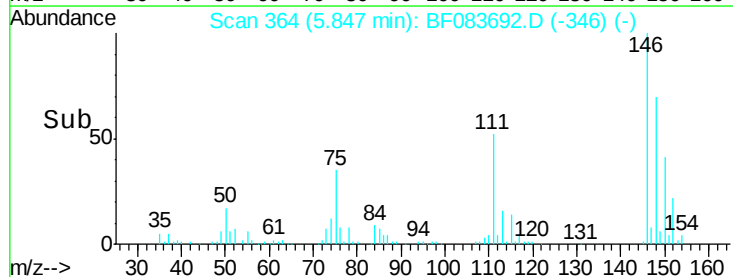
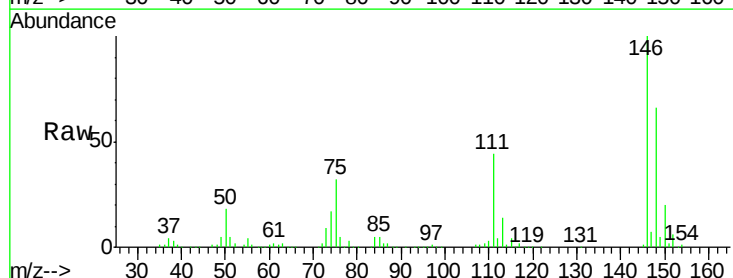
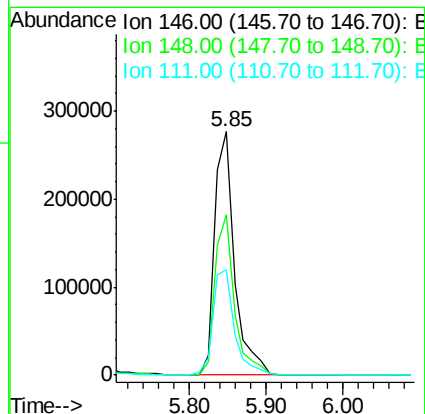
RT: 5.85 min Scan# 364

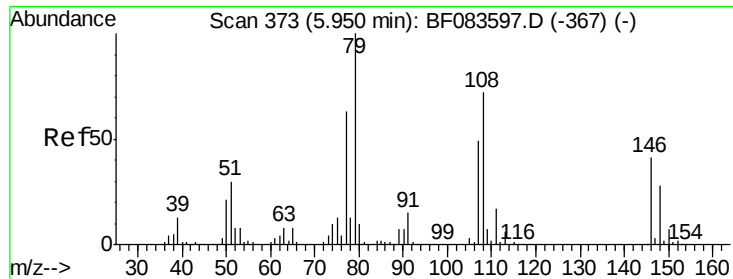
Delta R.T. -0.09 min

Lab File: BF083692.D

Acq: 10 Dec 2015 23:01

Tgt Ion:	146	Resp:	497243
Ion Ratio	Lower	Upper	
146	100		
148	65.7	51.4	77.0
111	43.5	36.7	55.1





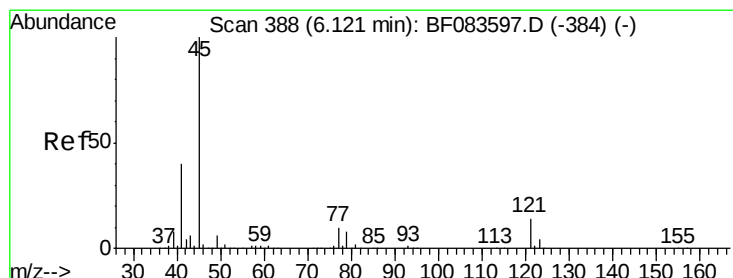
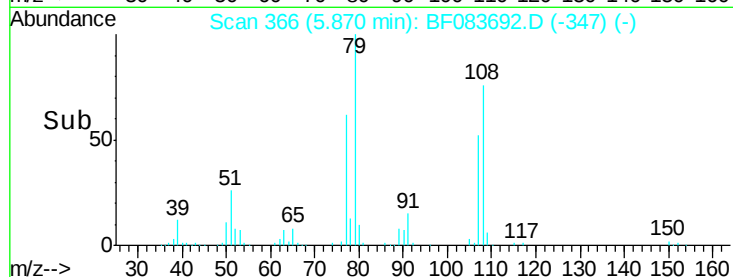
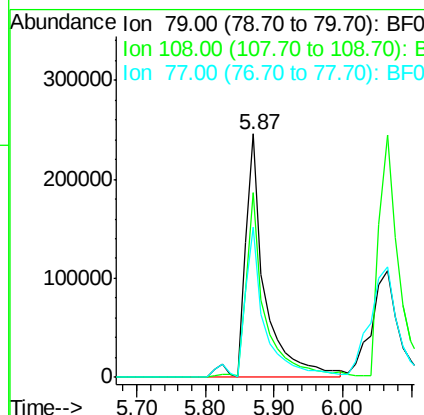
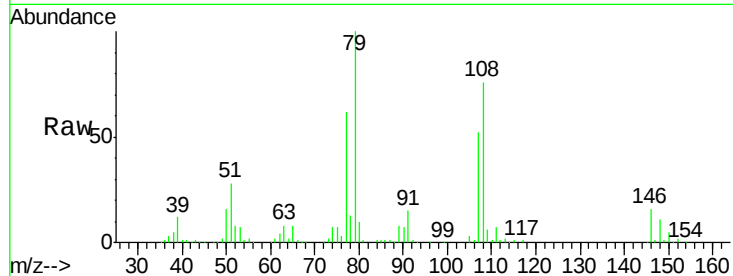
#15
Benzyl Alcohol
Concen: 52.07 ng
RT: 5.87 min Scan# 366
Delta R.T. -0.08 min
Lab File: BF083692.D
Acq: 10 Dec 2015 23:01

Instrument :
BNA_F
ClientSampleId :
A8-4CMS

Tot Ion	Ratio	Lower	Upper
79	100		
108	75.7	59.6	89.4
77	61.5	49.8	74.6

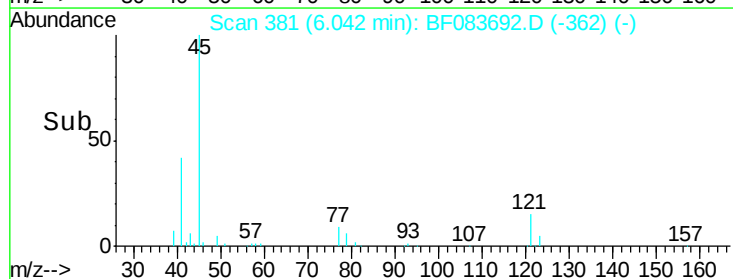
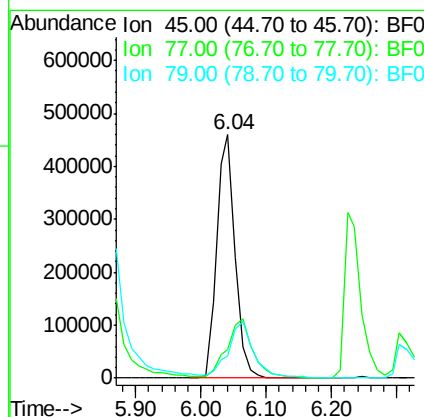
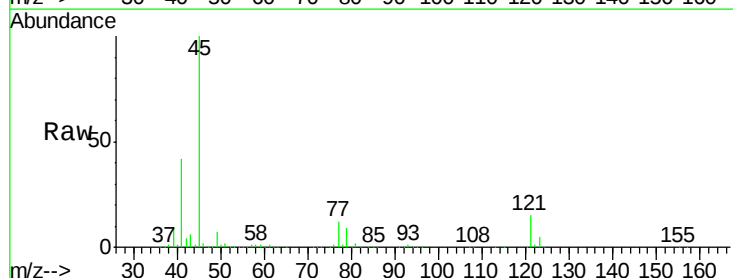
Manual Integrations
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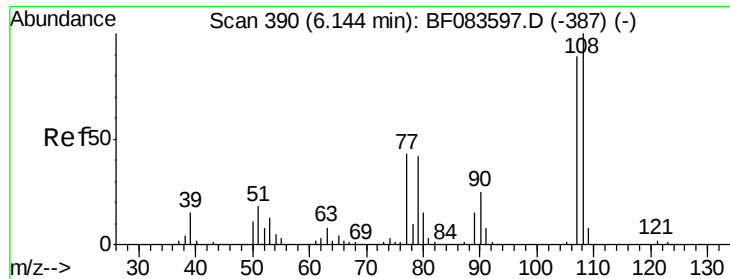
MMdadoda
12/11/2015 6:01:44 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.21 ng
RT: 6.04 min Scan# 381
Delta R.T. -0.08 min
Lab File: BF083692.D
Acq: 10 Dec 2015 23:01

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.9	12.8	52.8#
79	9.2	10.7	50.7#





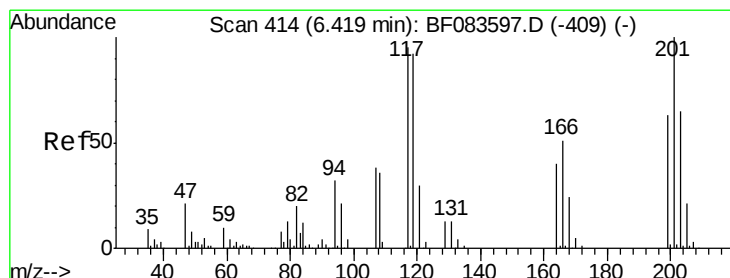
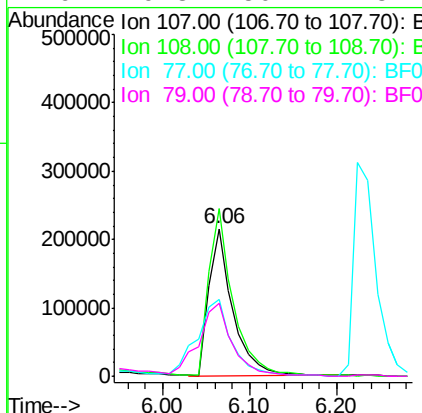
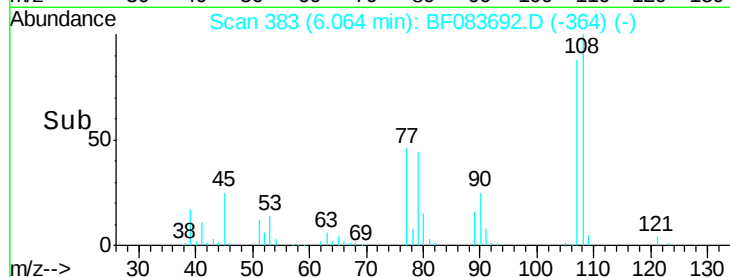
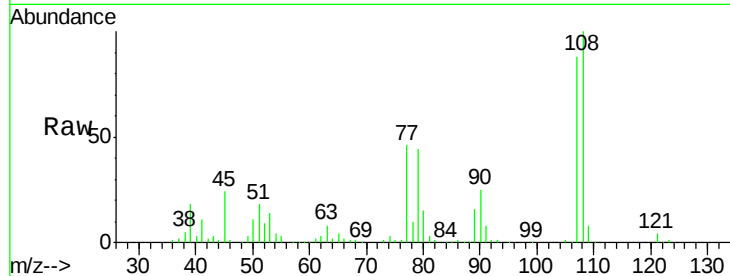
#17
2-Methylphenol
Concen: 47.30 ng
RT: 6.06 min Scan# 383
Delta R.T. -0.08 min
Lab File: BF083692.D
Acq: 10 Dec 2015 23:01

Instrument :
BNA_F
ClientSampleId :
A8-4CMS

Tot Ion:	107	Resp:	413254
Ion Ratio	Lower	Upper	
107	100		
108	113.5	91.6	137.4
77	52.0	53.7	80.5#
79	49.8	50.2	75.4#

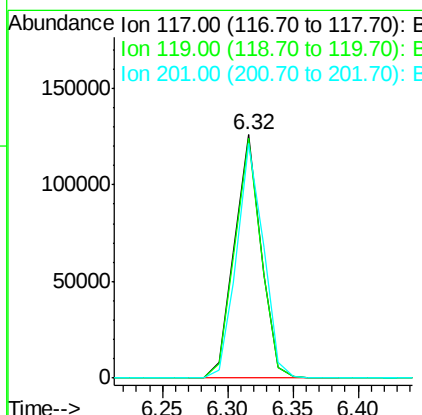
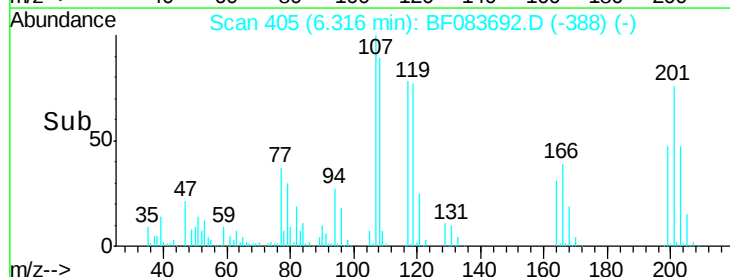
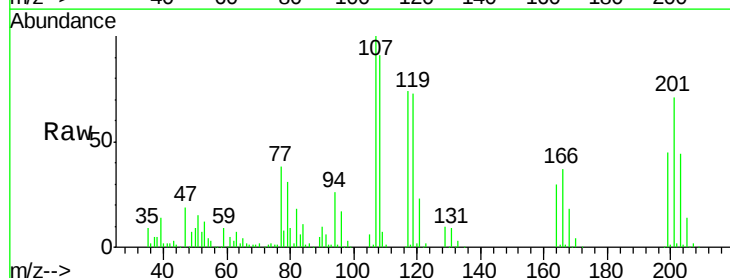
Manual Integrations
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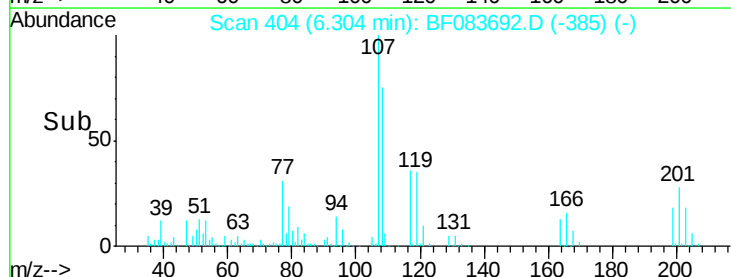
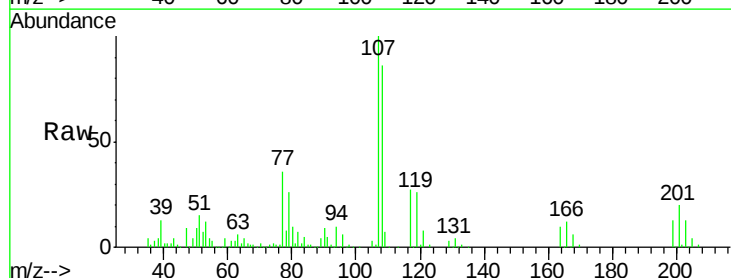
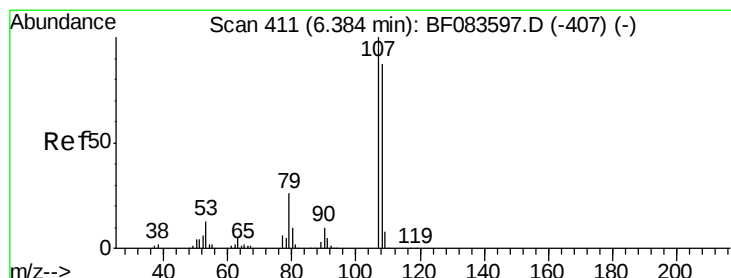
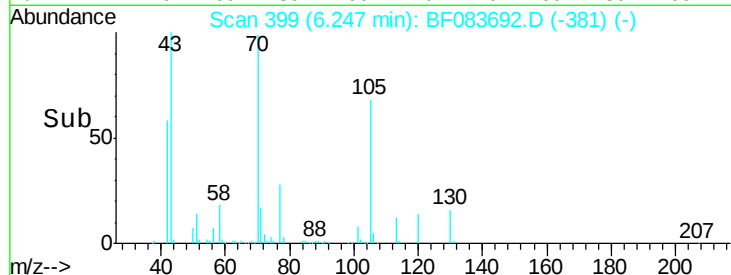
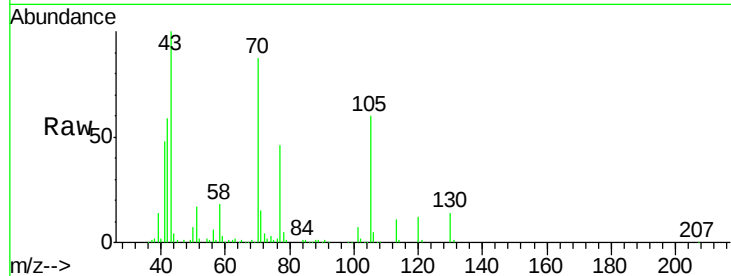
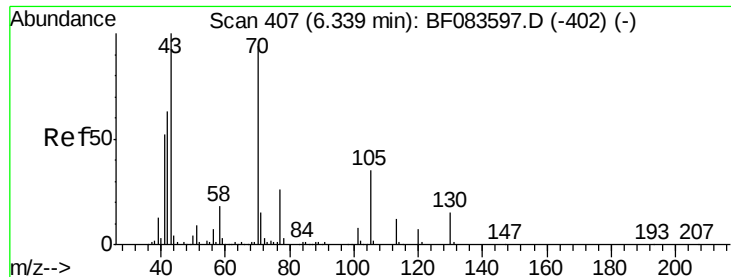
MMdadoda
12/11/2015 6:01:44 PM



#18
Hexachloroethane
Concen: 41.00 ng
RT: 6.32 min Scan# 405
Delta R.T. -0.10 min
Lab File: BF083692.D
Acq: 10 Dec 2015 23:01

Tgt Ion:	117	Resp:	177757
Ion Ratio	Lower	Upper	
117	100		
119	98.5	77.2	115.8
201	96.4	86.8	130.2





#19

n-Nitroso-di-n-propylamine

Concen: 44.41 ng

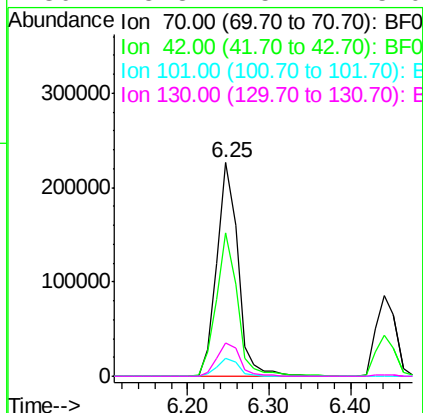
RT: 6.25 min Scan# 399

Delta R.T. -0.09 min

Lab File: BF083692.D

Acq: 10 Dec 2015 23:01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		406685		
42	67.3	49.2	73.8		
101	8.6	7.1	10.7		
130	15.8	15.4	23.0		



Instrument :

BNA_F

ClientSampleId :

A8-4CMS

Manual Integrations
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MMdadoda
12/11/2015 6:01:44 PM

#20

3+4-Methylphenols

Concen: 44.90 ng

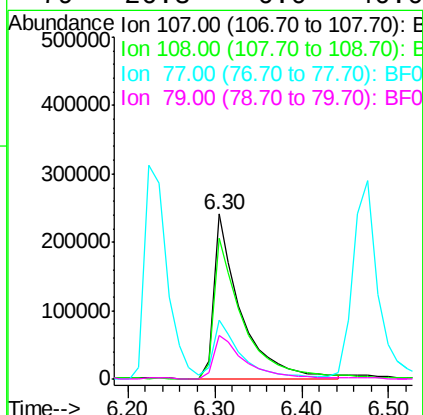
RT: 6.30 min Scan# 404

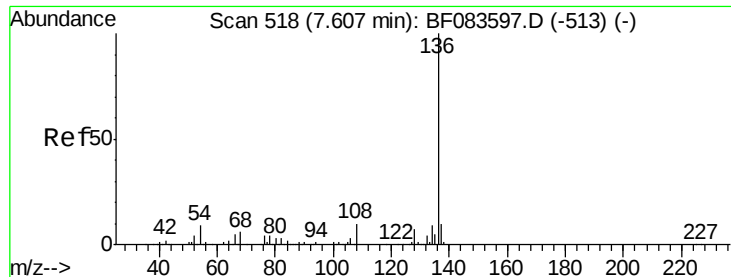
Delta R.T. -0.08 min

Lab File: BF083692.D

Acq: 10 Dec 2015 23:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		516531		
108	85.6	65.2	105.2		
77	35.8	15.2	55.2		
79	26.3	6.0	46.0		





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.50 min Scan# 509

Delta R.T. -0.10 min

Lab File: BF083692.D

Acq: 10 Dec 2015 23:01

Instrument :

BNA_F

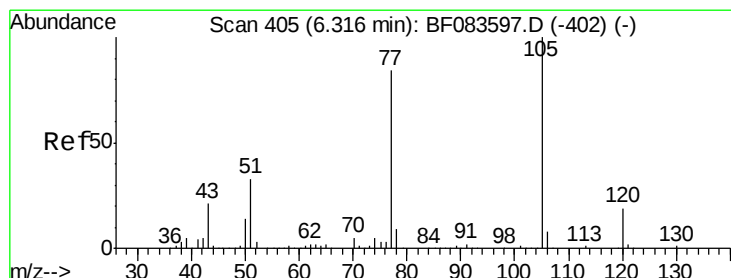
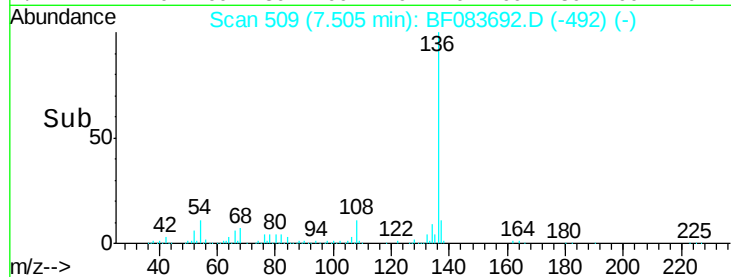
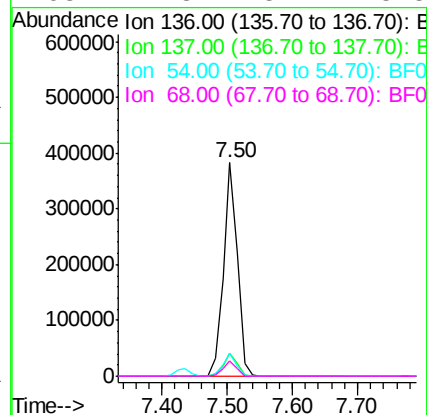
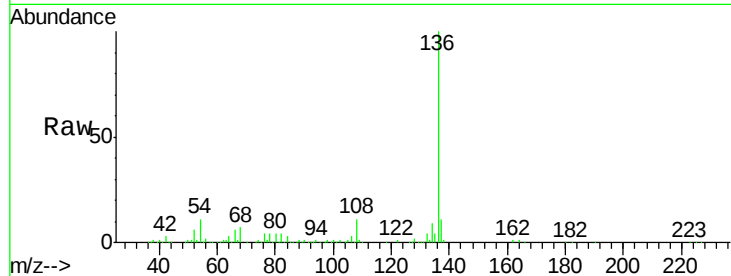
ClientSampled :

A8-4CMS

Manual Integrations
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12/11/2015 6:01:44 PM

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		579998		
137	10.6		8.7	13.1	
54	10.7		7.8	11.6	
68	7.3		5.7	8.5	



#22

Acetophenone

Concen: 41.80 ng

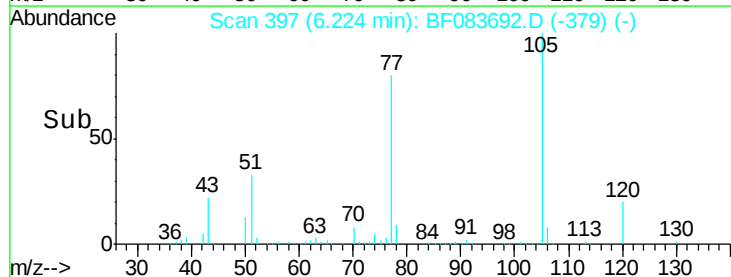
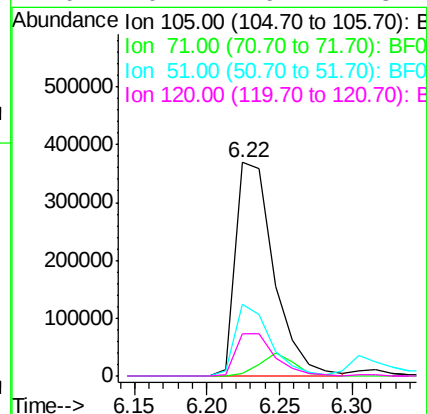
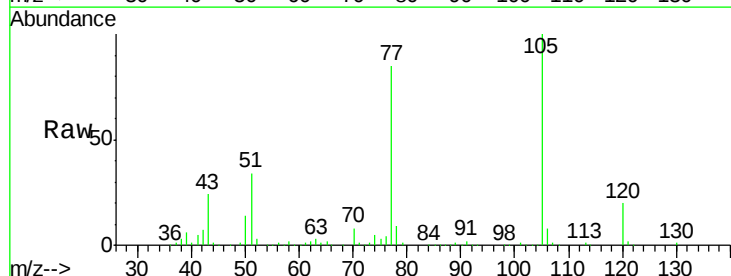
RT: 6.22 min Scan# 397

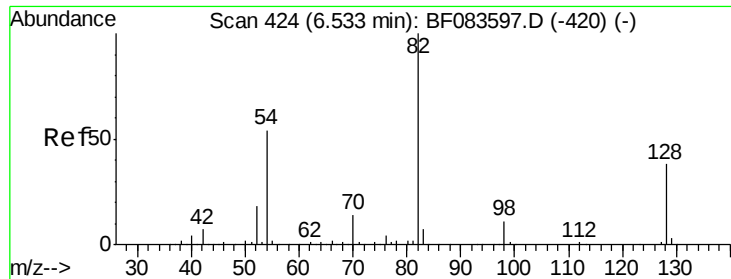
Delta R.T. -0.09 min

Lab File: BF083692.D

Acq: 10 Dec 2015 23:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		680047		
71	1.4		1.3	1.9	
51	33.5		23.8	35.8	
120	19.7		16.7	25.1	





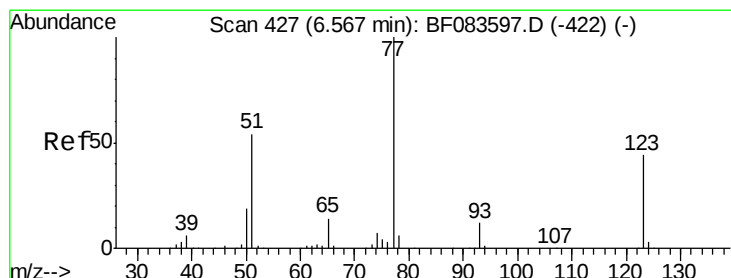
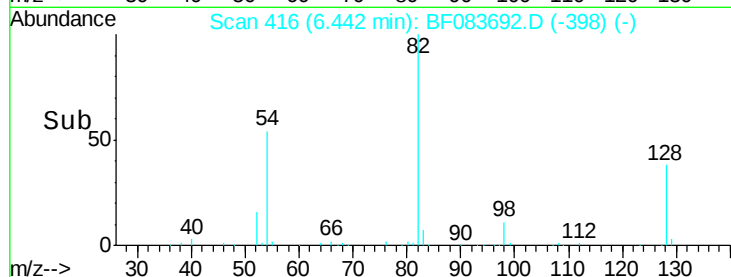
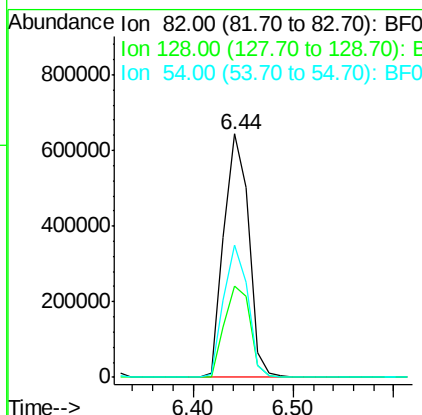
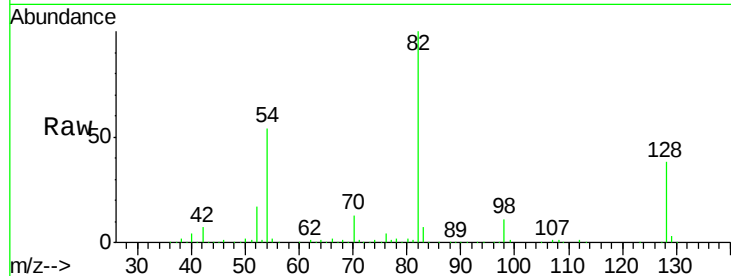
#23
 Nitrobenzene-d5
 Concen: 89.06 ng
 RT: 6.44 min Scan# 416
 Delta R.T. -0.09 min
 Lab File: BF083692.D
 Acq: 10 Dec 2015 23:01

Instrument :
 BNA_F
 ClientSampleId :
 A8-4CMS

Tot Ion: 82 Resp: 1107014
 Ion Ratio Lower Upper
 82 100
 128 37.7 30.7 46.1
 54 54.1 42.5 63.7

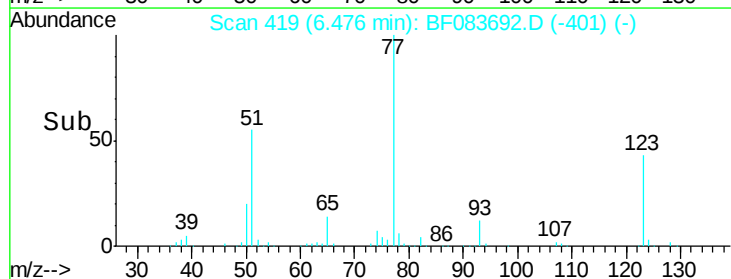
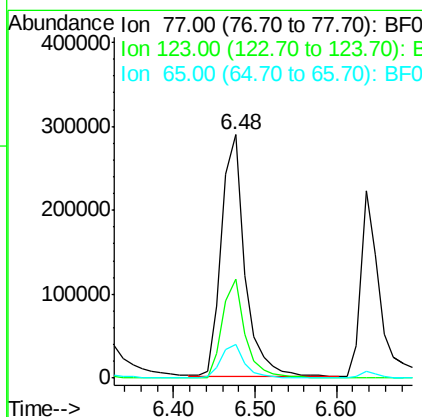
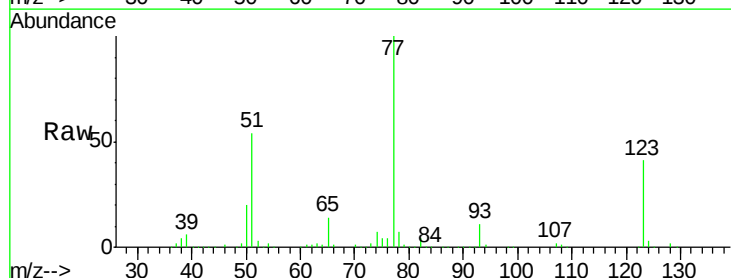
Manual Integrations
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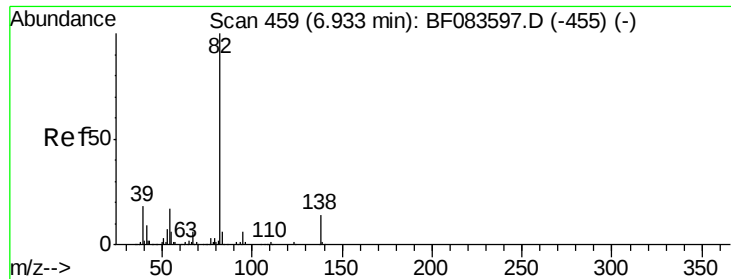
MMdadoda
 12/11/2015 6:01:44 PM



#24
 Nitrobenzene
 Concen: 41.70 ng
 RT: 6.48 min Scan# 419
 Delta R.T. -0.09 min
 Lab File: BF083692.D
 Acq: 10 Dec 2015 23:01

Tgt Ion: 77 Resp: 572934
 Ion Ratio Lower Upper
 77 100
 123 40.8 29.8 44.6
 65 13.9 11.1 16.7





#25

Isophorone

Concen: 43.67 ng

RT: 6.84 min Scan# 451

Delta R.T. -0.09 min

Lab File: BF083692.D

Acq: 10 Dec 2015 23:01

Instrument :

BNA_F

ClientSampleId :

A8-4CMS

Tot Ion: 82 Resp: 1053479

Ion Ratio Lower Upper

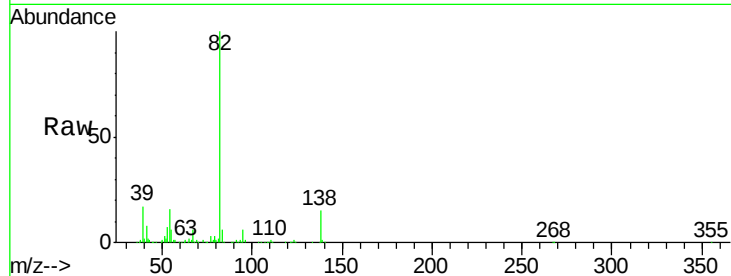
82 100

95 6.5 5.0 7.4

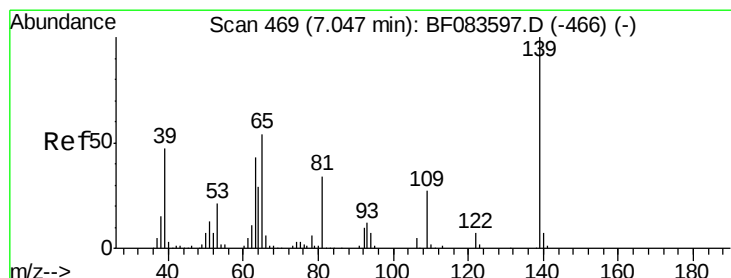
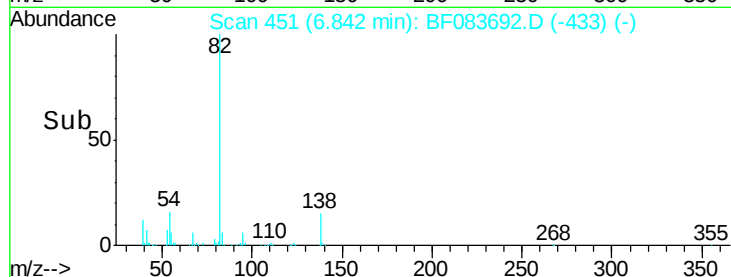
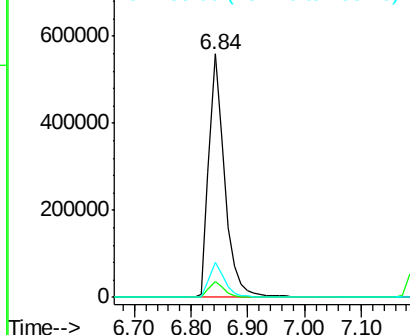
138 14.5 12.1 18.1

Manual Integrations
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MMdadoda
12/11/2015 6:01:44 PM



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



#26

2-Nitrophenol

Concen: 44.67 ng

RT: 6.96 min Scan# 461

Delta R.T. -0.09 min

Lab File: BF083692.D

Acq: 10 Dec 2015 23:01

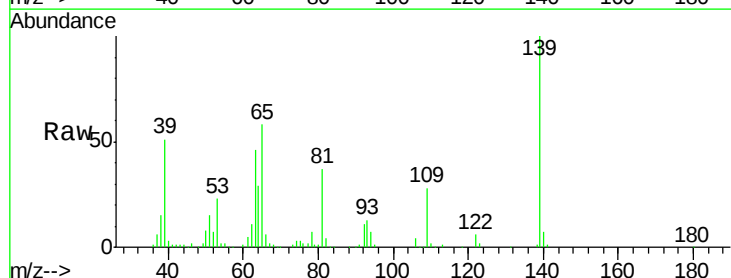
Tgt Ion: 139 Resp: 243661

Ion Ratio Lower Upper

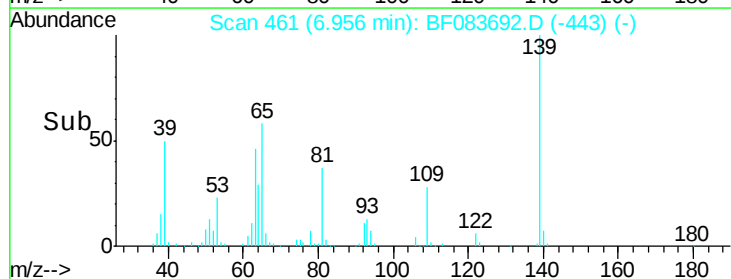
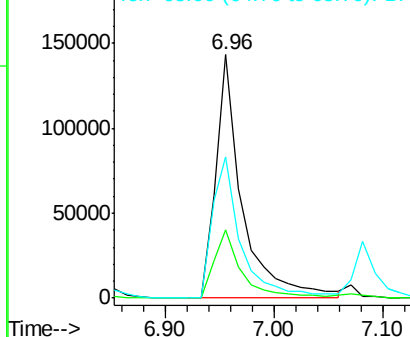
139 100

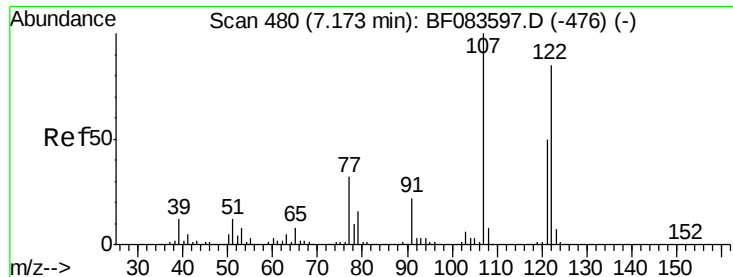
109 28.0 22.7 34.1

65 57.9 51.8 77.8



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





#27

2,4-Dimethylphenol

Concen: 42.81 ng

RT: 7.08 min Scan# 472

Delta R.T. -0.09 min

Lab File: BF083692.D

Acq: 10 Dec 2015 23:01

Instrument :

BNA_F

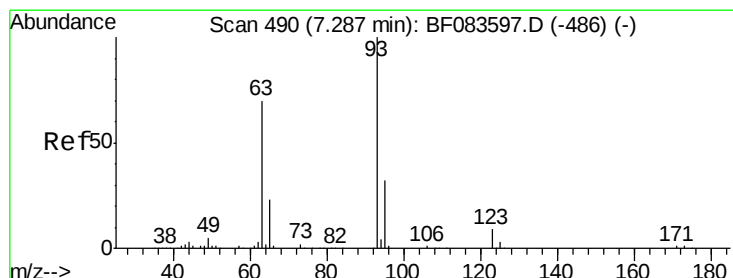
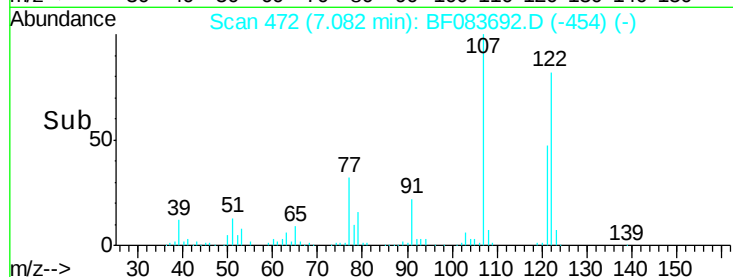
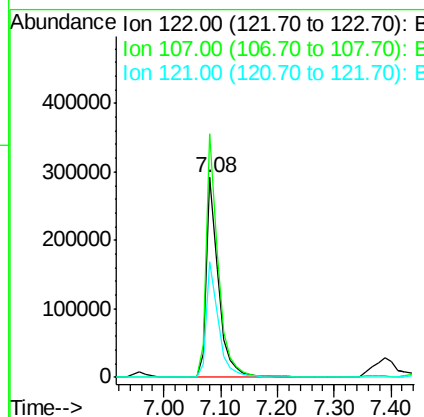
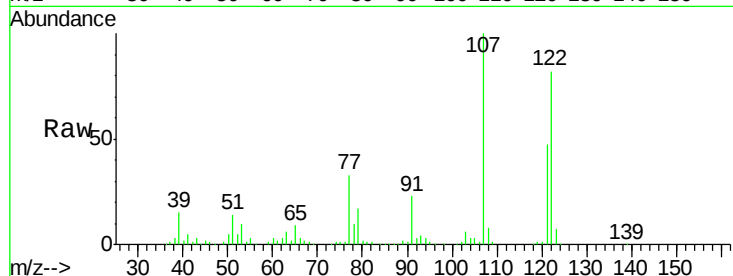
ClientSampleId :

A8-4CMS

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Tot Ion:	122	Resp:	408515
Ion Ratio	Lower	Upper	
122	100		
107	121.7	92.4	138.6
121	57.7	45.8	68.6



#28

bis(2-Chloroethoxy)methane

Concen: 46.73 ng

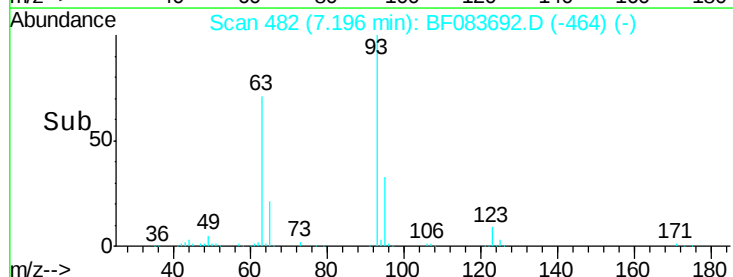
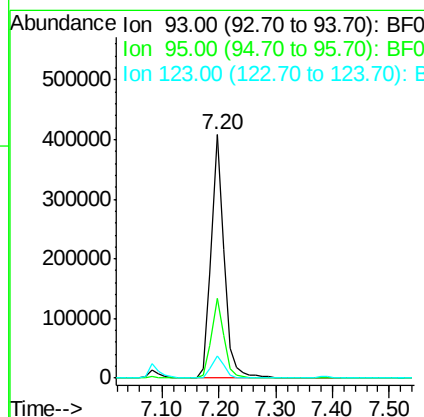
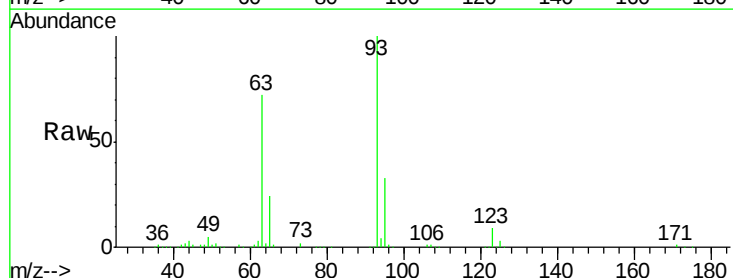
RT: 7.20 min Scan# 482

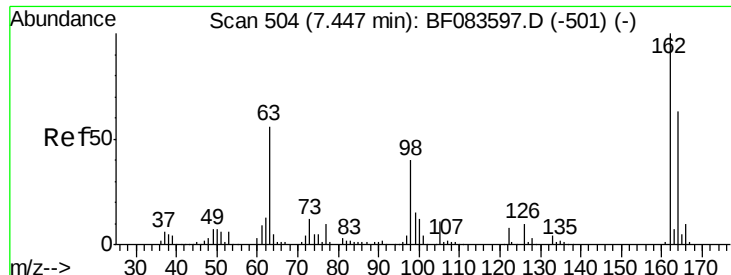
Delta R.T. -0.09 min

Lab File: BF083692.D

Acq: 10 Dec 2015 23:01

Tgt Ion:	93	Resp:	625944
Ion Ratio	Lower	Upper	
93	100		
95	32.5	25.6	38.4
123	9.1	7.3	10.9





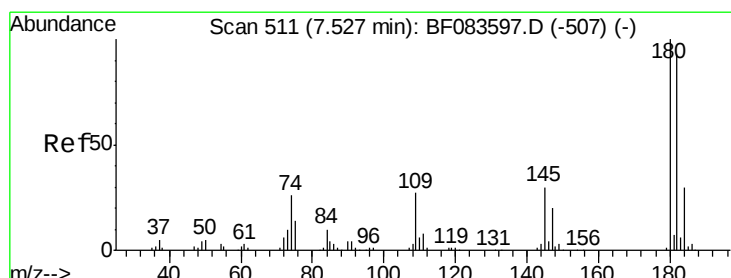
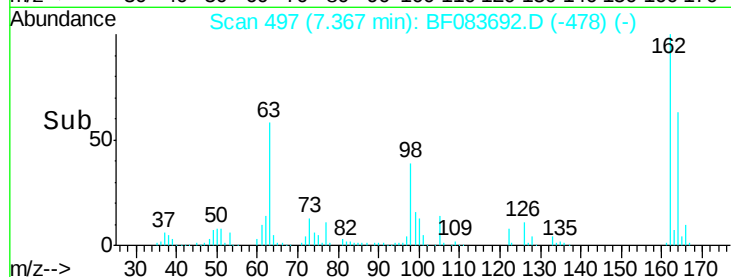
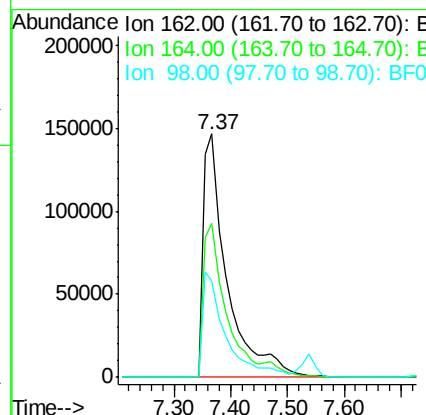
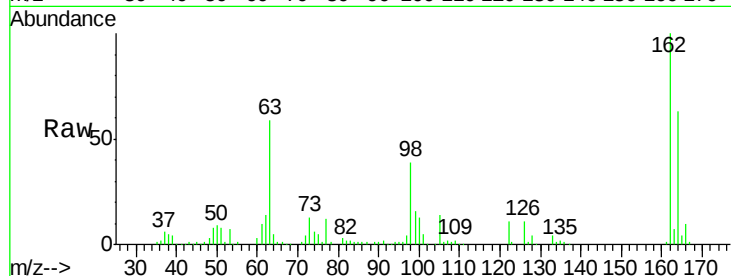
#29
 2,4-Dichlorophenol
 Concen: 48.15 ng
 RT: 7.37 min Scan# 497
 Delta R.T. -0.08 min
 Lab File: BF083692.D
 Acq: 10 Dec 2015 23:01

Instrument :
 BNA_F
 ClientSampleId :
 A8-4CMS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	417878		
164	63.1	43.4	83.4	
98	39.4	17.5	57.5	

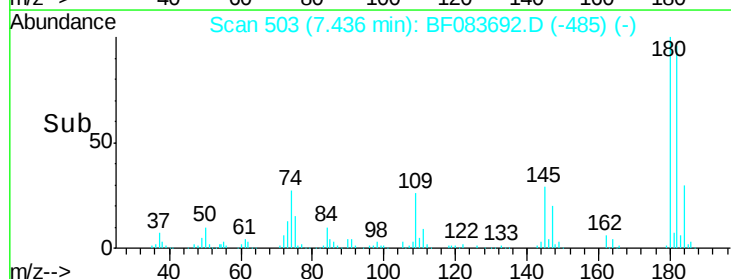
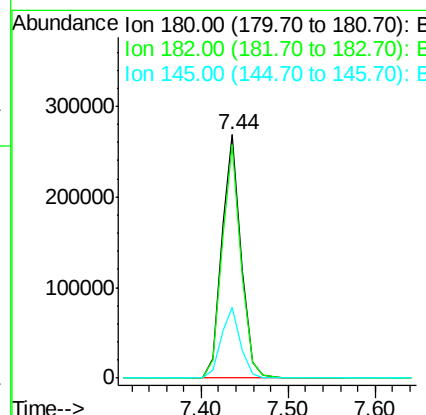
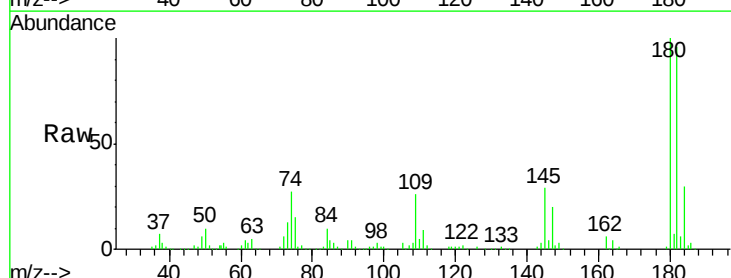
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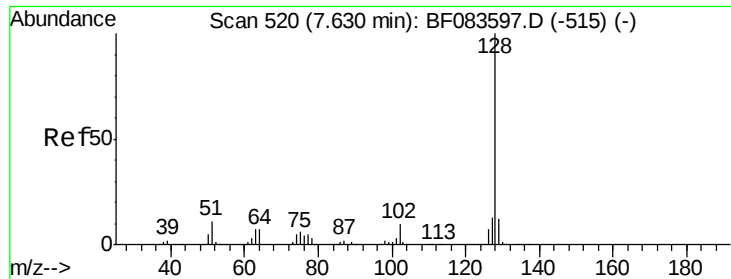
MMdadoda
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#30
 1,2,4-Trichlorobenzene
 Concen: 43.29 ng
 RT: 7.44 min Scan# 503
 Delta R.T. -0.09 min
 Lab File: BF083692.D
 Acq: 10 Dec 2015 23:01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	414959		
182	96.0	74.9	112.3	
145	29.3	24.7	37.1	





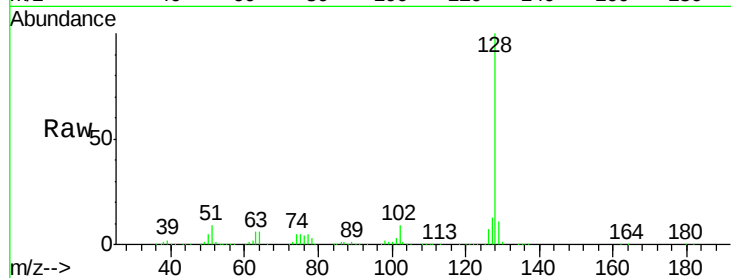
#31
Naphthalene
Concen: 44.98 ng
RT: 7.54 min Scan# 512
Delta R.T. -0.09 min
Lab File: BF083692.D
Acq: 10 Dec 2015 23:01

Instrument :
BNA_F
ClientSampleId :
A8-4CMS

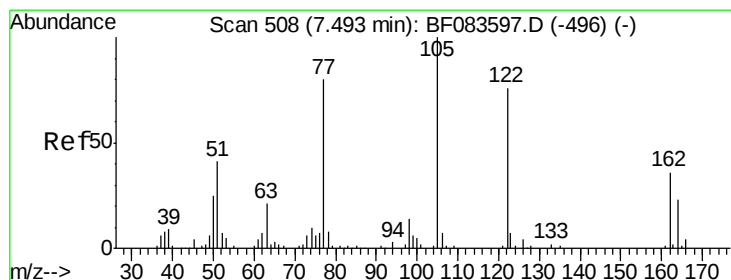
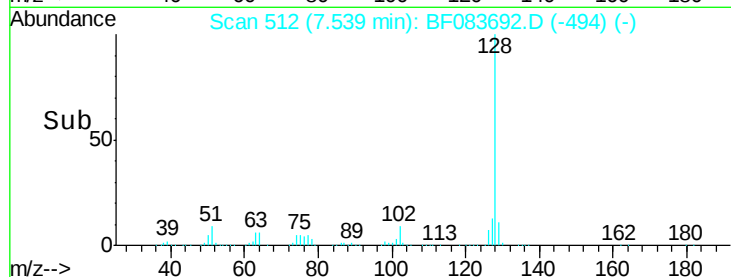
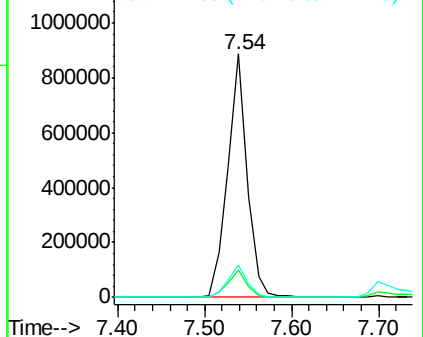
Tot Ion:128 Resp: 1381787
Ion Ratio Lower Upper
128 100
129 11.2 8.6 13.0
127 13.1 10.6 16.0

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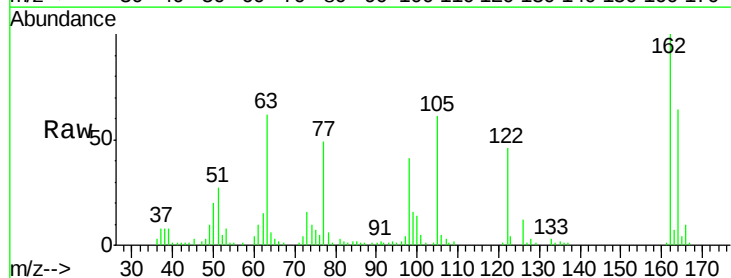


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

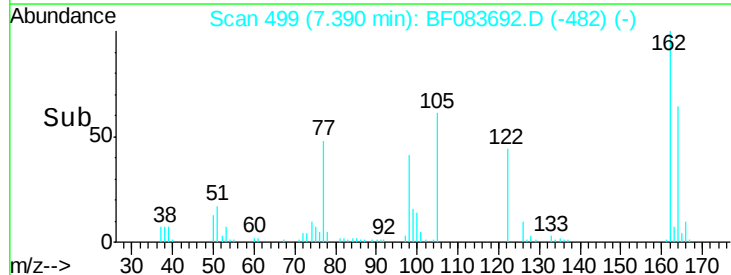
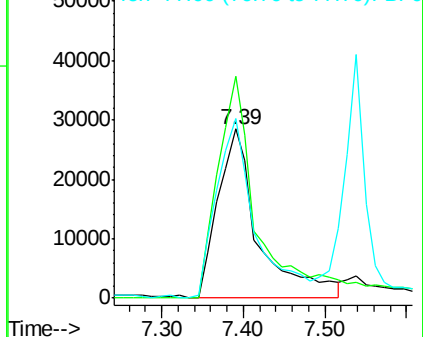


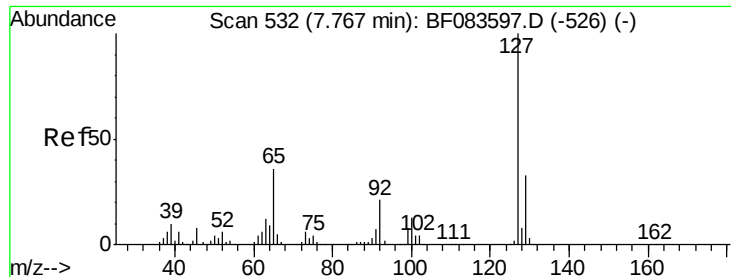
#32
Benzoic acid
Concen: 18.21 ng
RT: 7.39 min Scan# 499
Delta R.T. -0.10 min
Lab File: BF083692.D
Acq: 10 Dec 2015 23:01

Tgt Ion:122 Resp: 99089
Ion Ratio Lower Upper
122 100
105 131.5 105.6 145.6
77 106.0 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





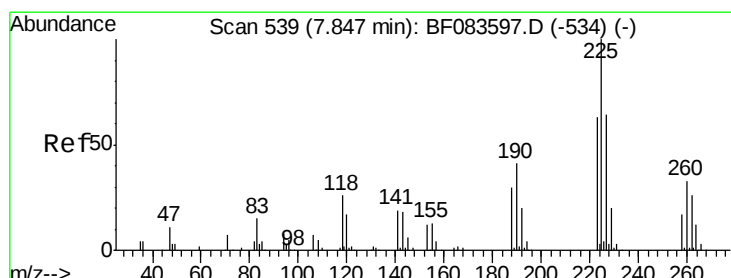
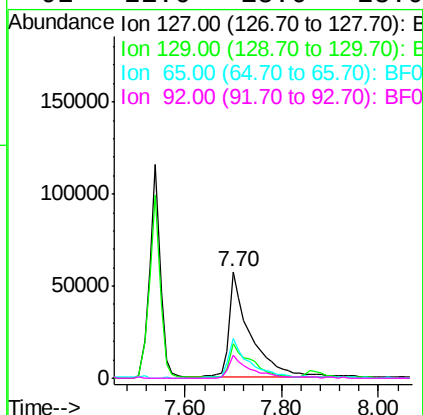
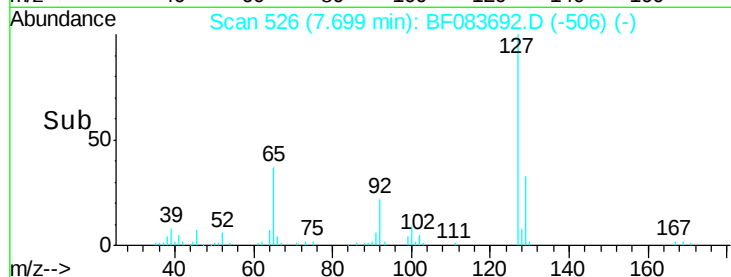
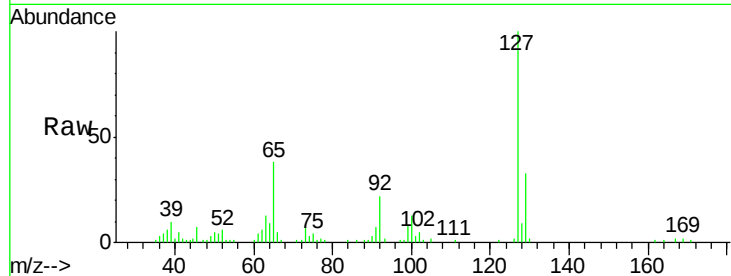
#33
4-Chloroaniline
Concen: 15.61 ng
RT: 7.70 min Scan# 526
Delta R.T. -0.07 min
Lab File: BF083692.D
Acq: 10 Dec 2015 23:01

Instrument :
BNA_F
ClientSampleId :
A8-4CMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.1	26.1	39.1		
65	37.7	33.5	50.3		
92	21.6	18.6	28.0		

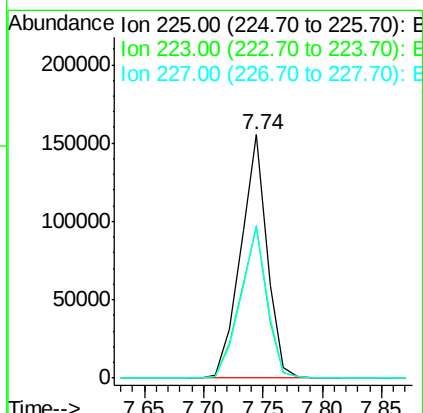
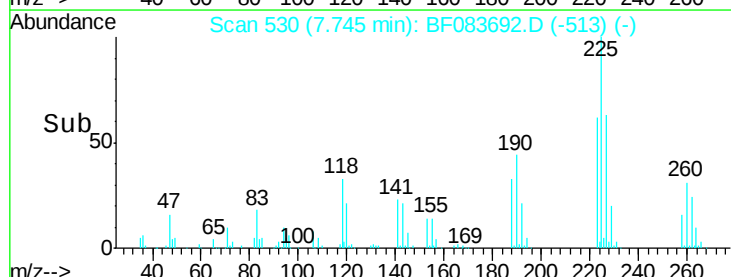
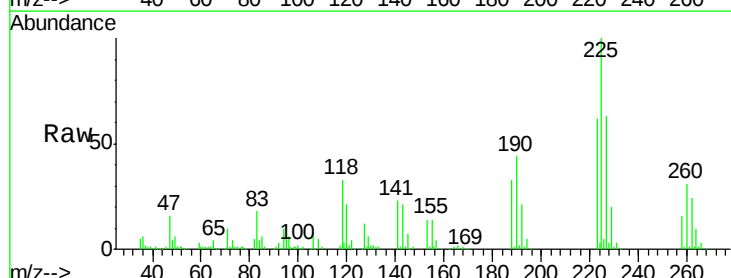
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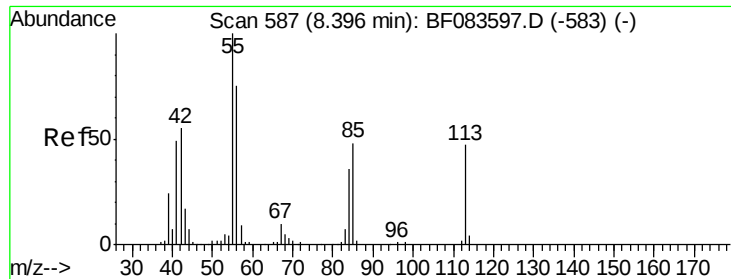
MMdadoda
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#34
Hexachlorobutadiene
Concen: 42.89 ng
RT: 7.74 min Scan# 530
Delta R.T. -0.10 min
Lab File: BF083692.D
Acq: 10 Dec 2015 23:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.4	52.3	78.5		
227	63.0	50.4	75.6		





#35

Caprolactam

Concen: 46.86 ng/mL

RT: 8.29 min Scan# 578

Delta R.T. -0.10 min

Lab File: BF083692.D

Acq: 10 Dec 2015 23:01

Instrument :

BNA_F

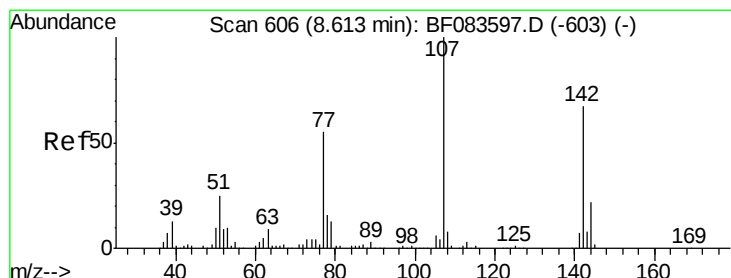
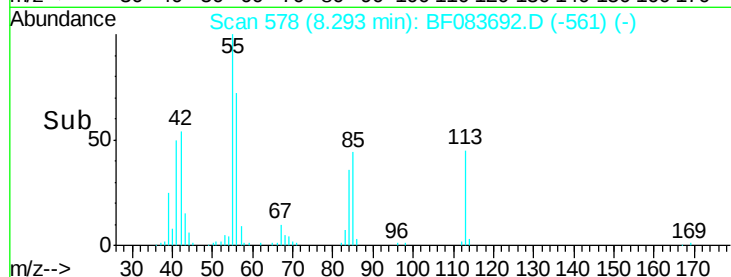
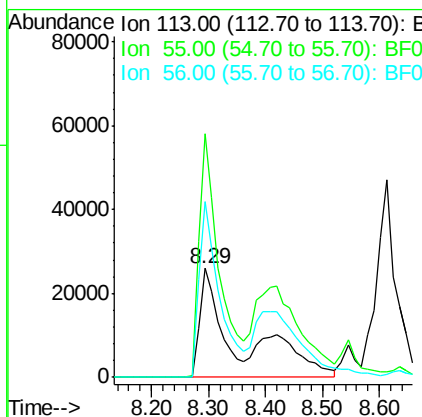
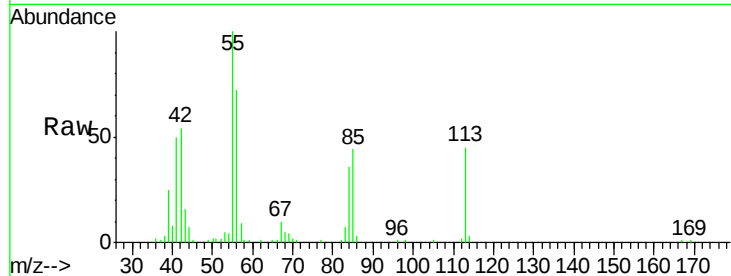
ClientSampleId :

A8-4CMS

Tot Ion:	113	Resp:	122055
Ion Ratio	Lower	Upper	
113	100		
55	223.1	189.7	229.7
56	161.6	130.7	170.7

Manual Integrations
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12/11/2015 6:01:44 PM



#36

4-Chloro-3-methylphenol

Concen: 45.26 ng/mL

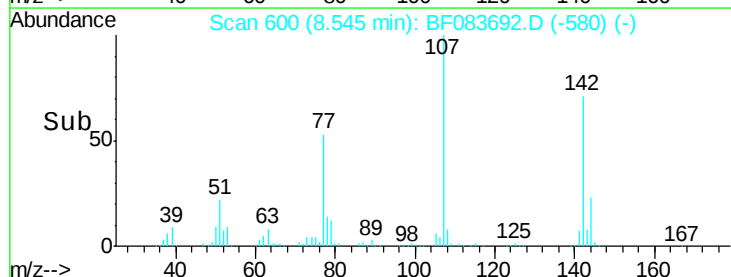
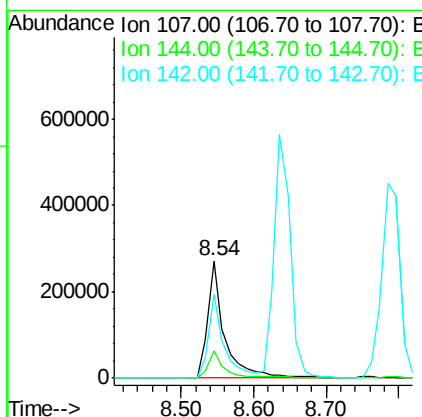
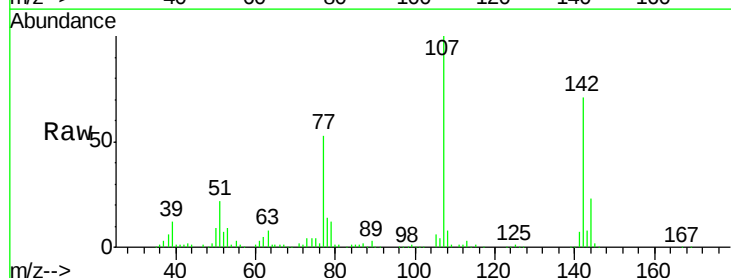
RT: 8.54 min Scan# 600

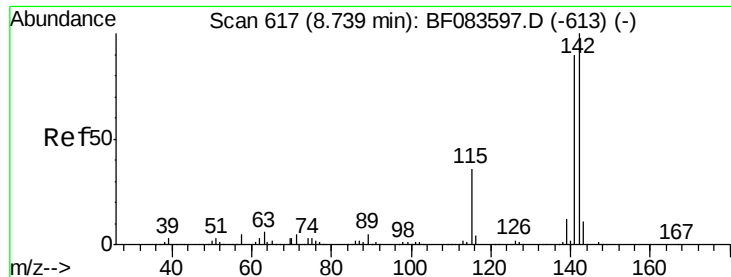
Delta R.T. -0.07 min

Lab File: BF083692.D

Acq: 10 Dec 2015 23:01

Tgt Ion:	107	Resp:	441266
Ion Ratio	Lower	Upper	
107	100		
144	22.8	17.5	26.3
142	70.8	53.6	80.4





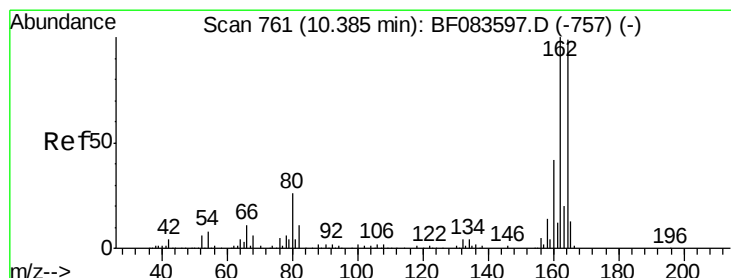
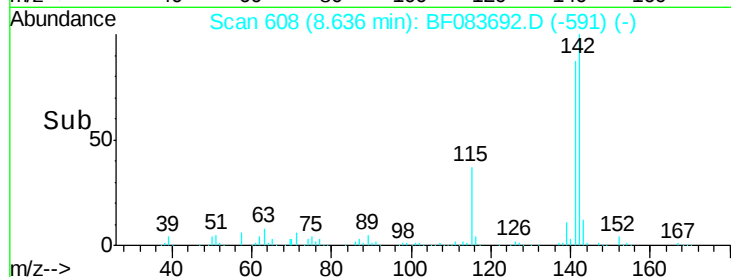
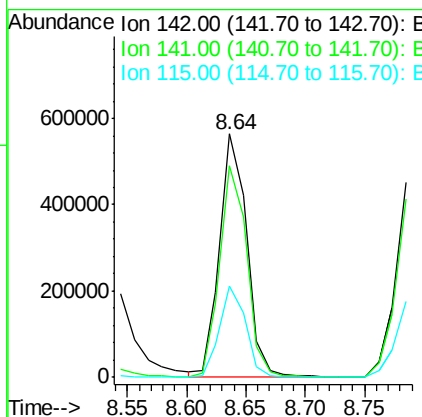
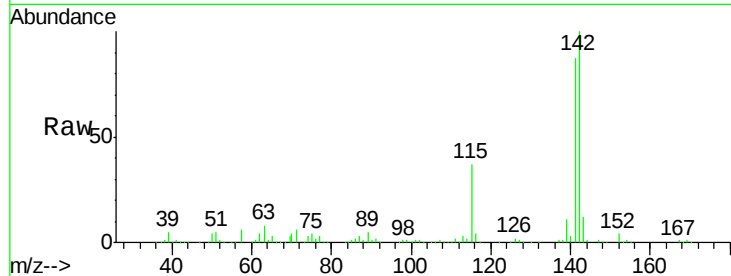
#37
2-Methylnaphthalene
Concen: 46.62 ng
RT: 8.64 min Scan# 608
Delta R.T. -0.10 min
Lab File: BF083692.D
Acq: 10 Dec 2015 23:01

Instrument :
BNA_F
ClientSampleId :
A8-4CMS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	899493		
141	87.1	70.3	105.5	
115	37.3	29.2	43.8	

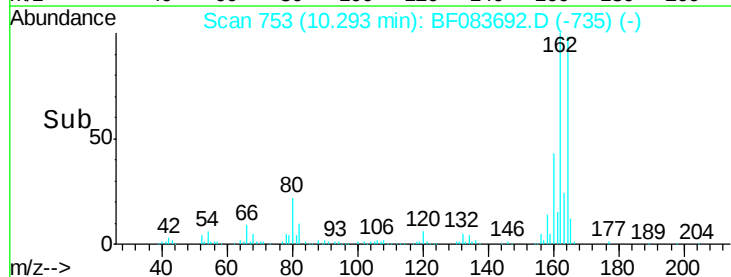
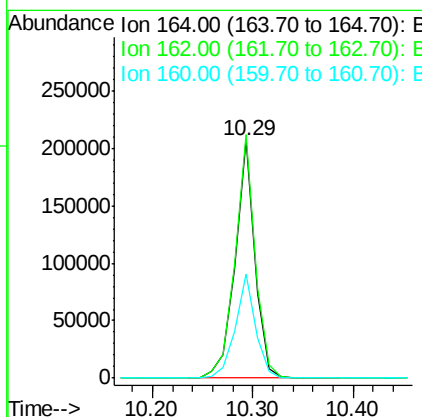
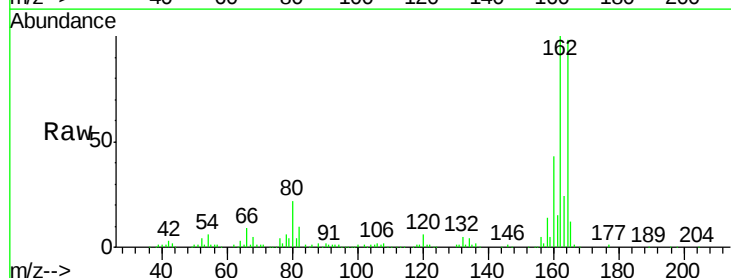
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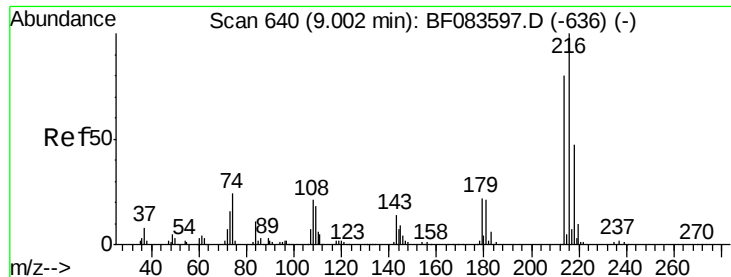
MMdadoda
12/11/2015 6:01:44 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.29 min Scan# 753
Delta R.T. -0.09 min
Lab File: BF083692.D
Acq: 10 Dec 2015 23:01

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	282632		
162	102.2	78.8	118.2	
160	43.9	33.4	50.2	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.56 ng

RT: 8.91 min Scan# 632

Delta R.T. -0.09 min

Lab File: BF083692.D

Acq: 10 Dec 2015 23:01

Instrument :

BNA_F

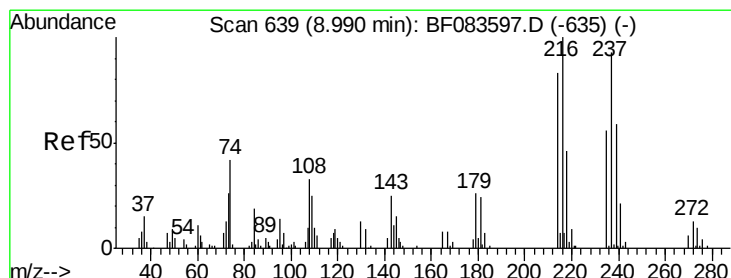
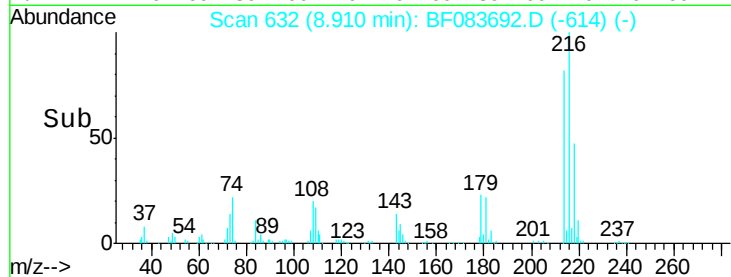
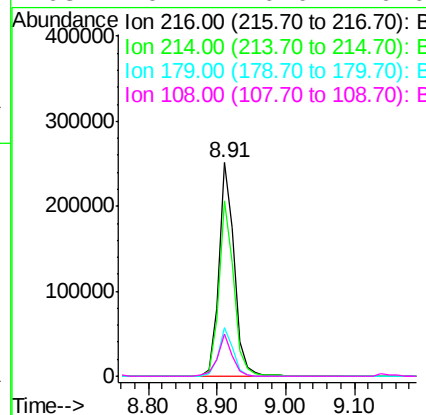
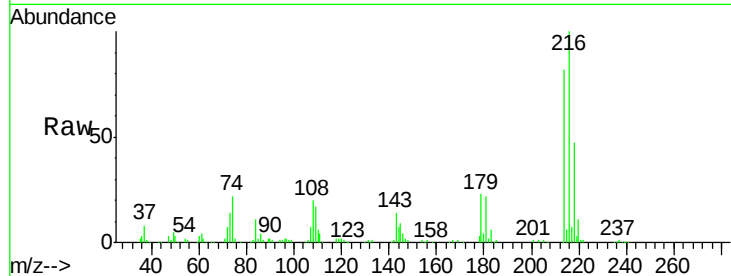
ClientSampleId :

A8-4CMS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	394943		
214	80.1	0.0	0.0	0.0
179	21.8	0.0	0.0	0.0
108	19.2	0.0	0.0	0.0

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#40

Hexachlorocyclopentadiene

Concen: 54.95 ng

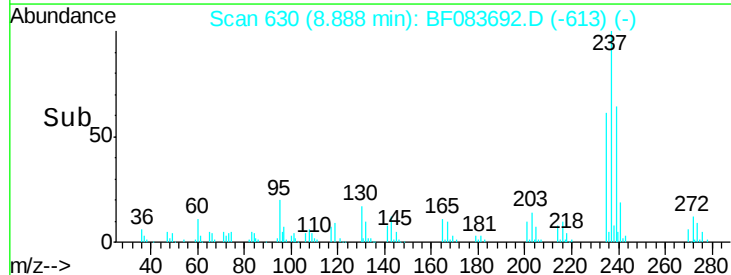
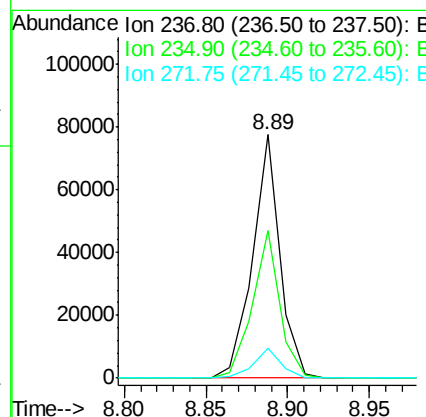
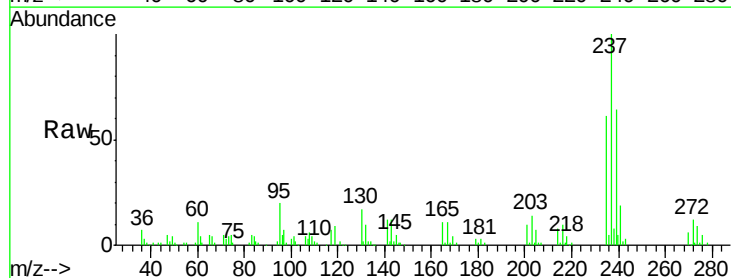
RT: 8.89 min Scan# 630

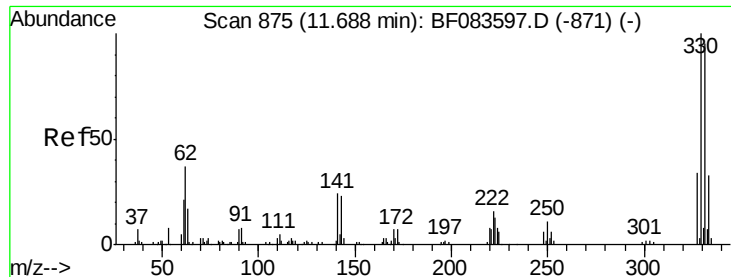
Delta R.T. -0.10 min

Lab File: BF083692.D

Acq: 10 Dec 2015 23:01

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	89767		
235	60.9	43.9	83.9	
272	12.3	0.0	31.8	





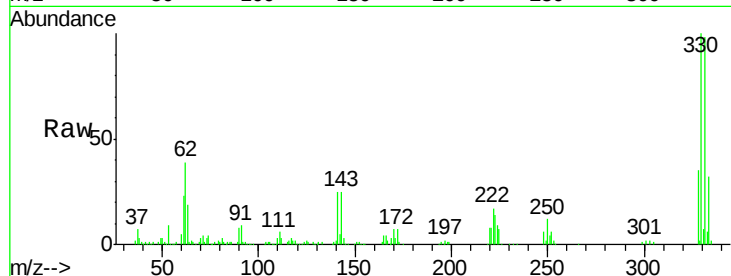
#41
 2,4,6-Tribromophenol
 Concen: 131.41 ng
 RT: 11.60 min Scan# 867
 Delta R.T. -0.09 min
 Lab File: BF083692.D
 Acq: 10 Dec 2015 23:01

Instrument :
 BNA_F
 ClientSampled :
 A8-4CMS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.5	0.0	0.0	0.0
141	36.4	0.0	0.0	0.0

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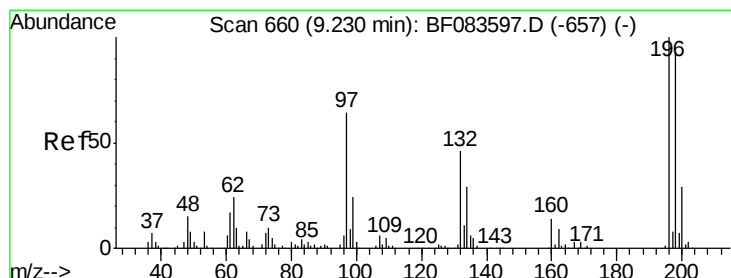
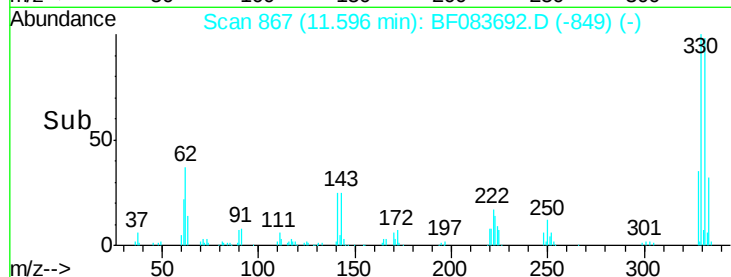
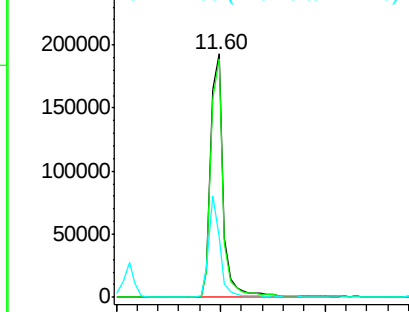


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 45.10 ng
 RT: 9.15 min Scan# 653
 Delta R.T. -0.08 min
 Lab File: BF083692.D
 Acq: 10 Dec 2015 23:01

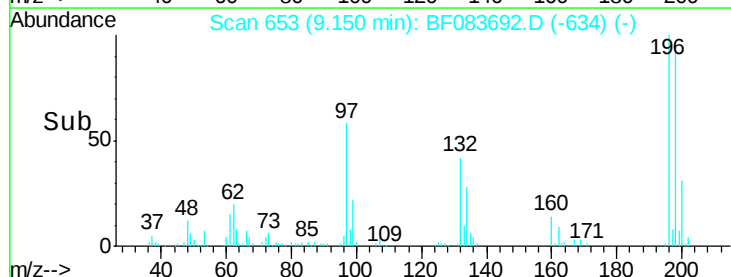
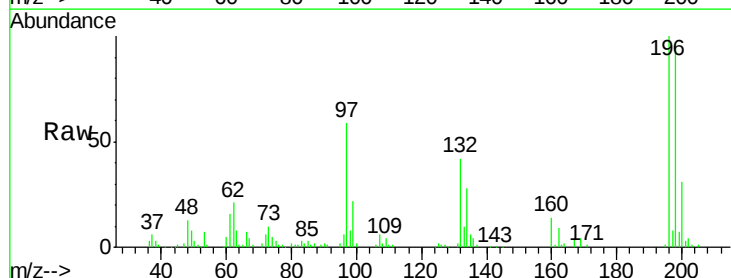
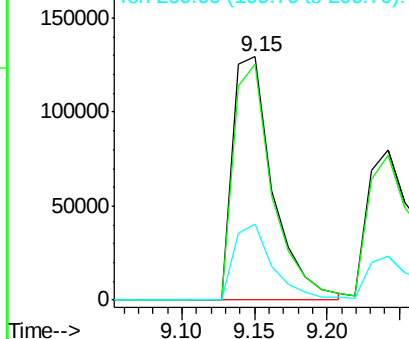
Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	97.1	75.2	112.8	
200	31.3	23.0	34.6	

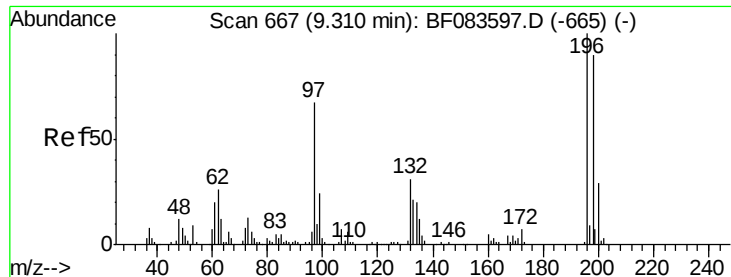
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





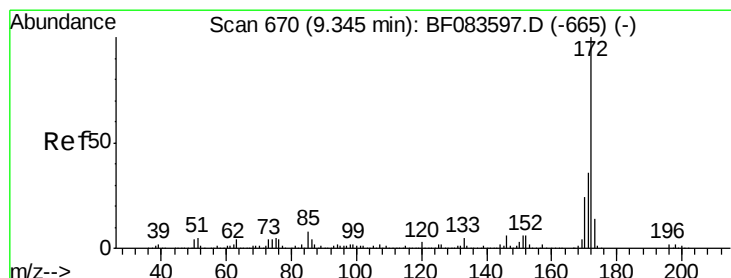
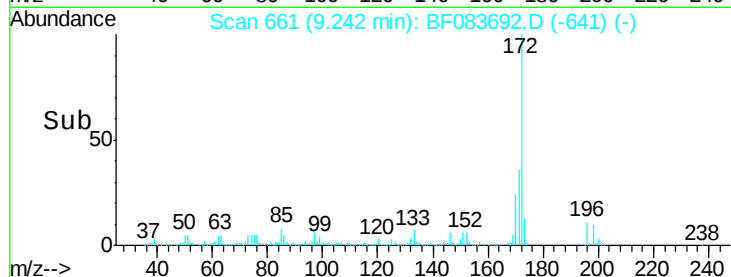
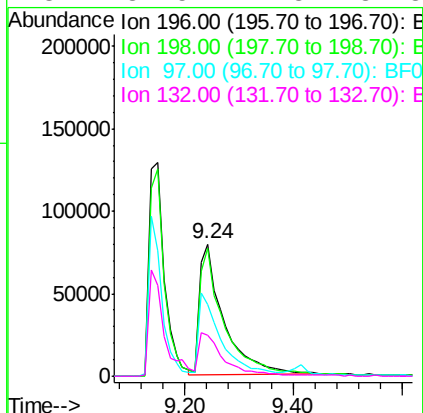
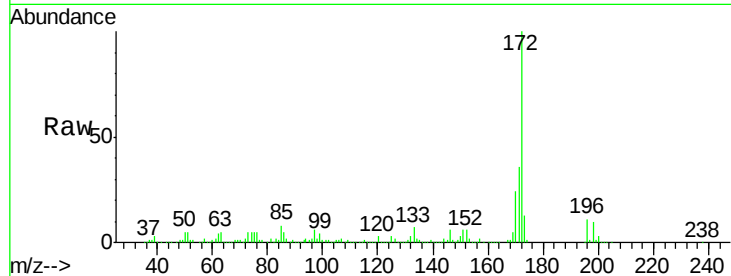
#43
 2,4,5-Trichlorophenol
 Concen: 44.73 ng
 RT: 9.24 min Scan# 661
 Delta R.T. -0.07 min
 Lab File: BF083692.D
 Acq: 10 Dec 2015 23:01

Instrument :
 BNA_F
 ClientSampleId :
 A8-4CMS

Tot Ion:	196	Resp:	244513
Ion Ratio	Lower	Upper	
196	100		
198	96.8	77.7	116.5
97	54.1	41.2	61.8
132	31.5	21.8	32.8

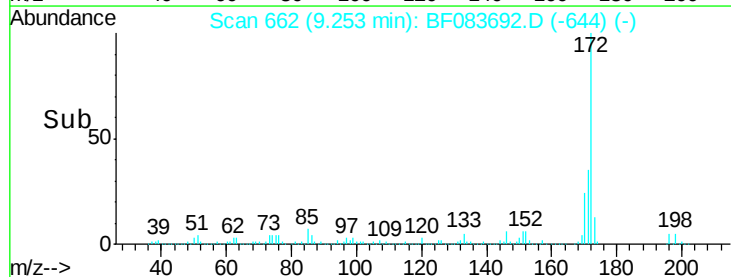
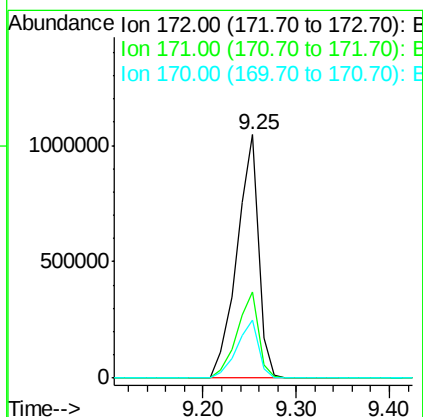
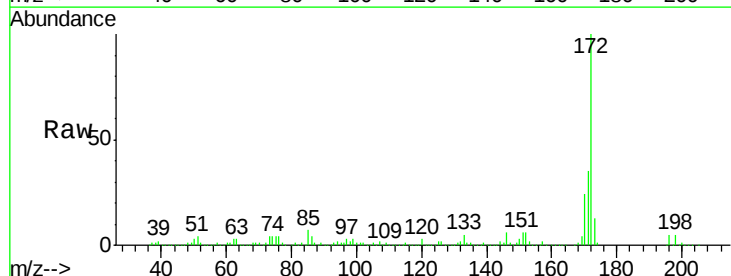
Manual Integrations
 APPROVED

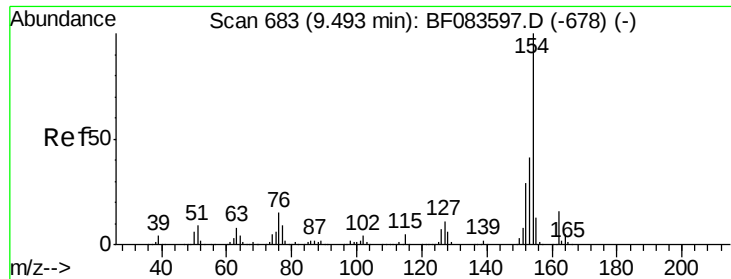
MMdadoda
 12/11/2015 6:01:44 PM



#44
 2-Fluorobiphenyl
 Concen: 83.94 ng
 RT: 9.25 min Scan# 662
 Delta R.T. -0.09 min
 Lab File: BF083692.D
 Acq: 10 Dec 2015 23:01

Tgt Ion:	172	Resp:	1685662
Ion Ratio	Lower	Upper	
172	100		
171	35.4	28.6	42.8
170	23.9	19.4	29.0





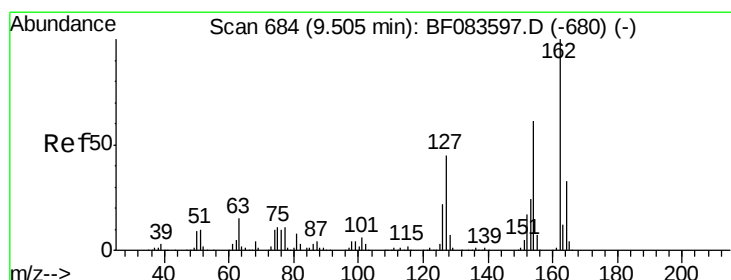
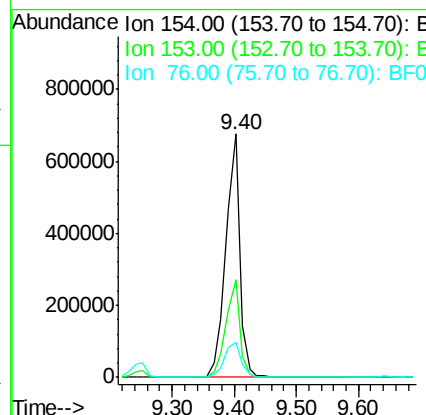
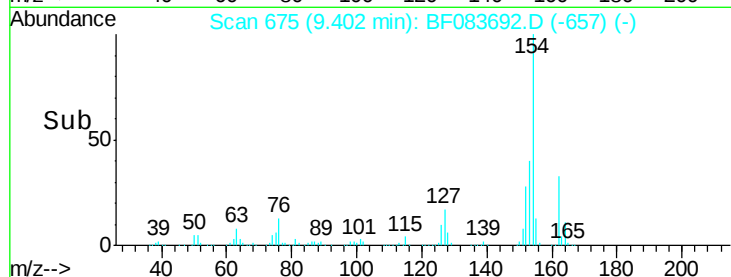
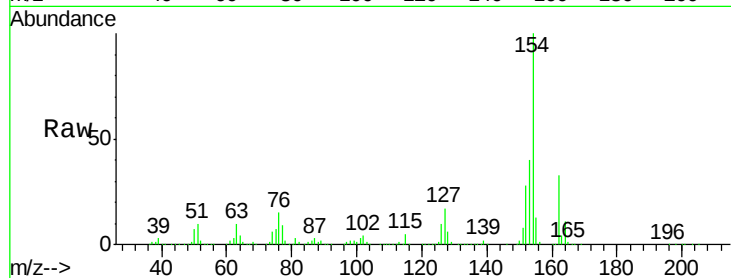
#45
 1,1'-Biphenyl
 Concen: 42.76 ng
 RT: 9.40 min Scan# 675
 Delta R.T. -0.09 min
 Lab File: BF083692.D
 Acq: 10 Dec 2015 23:01

Instrument :
 BNA_F
 ClientSampleId :
 A8-4CMS

Tot Ion	Ratio	Lower	Upper
154	100		
153	39.9	20.2	60.2
76	14.6	0.0	34.8

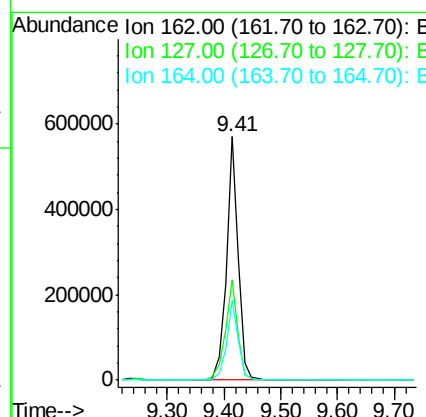
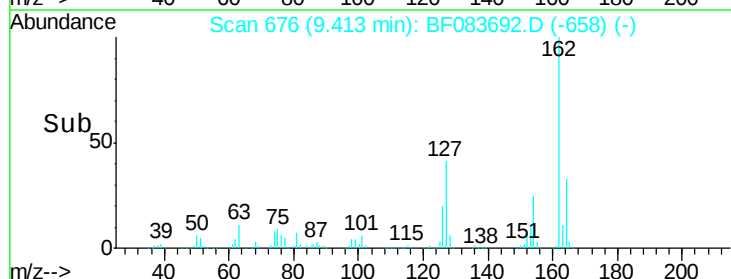
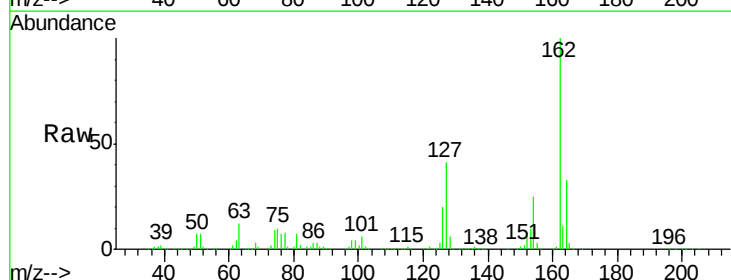
Manual Integrations
 APPROVED

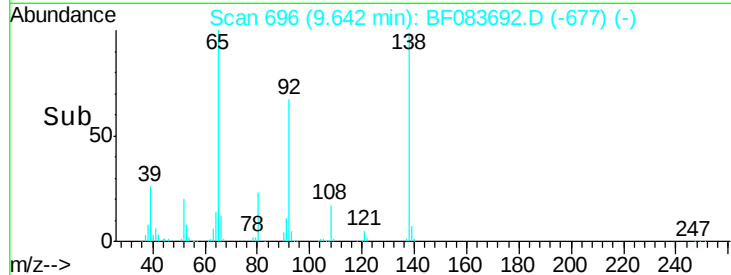
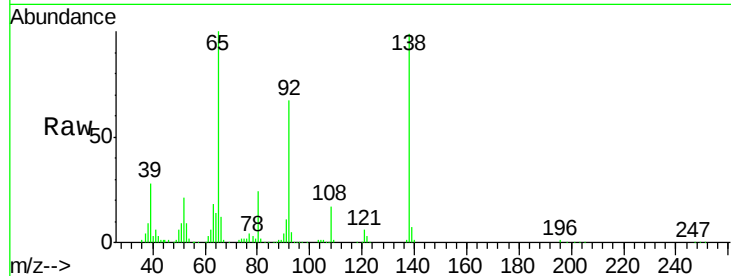
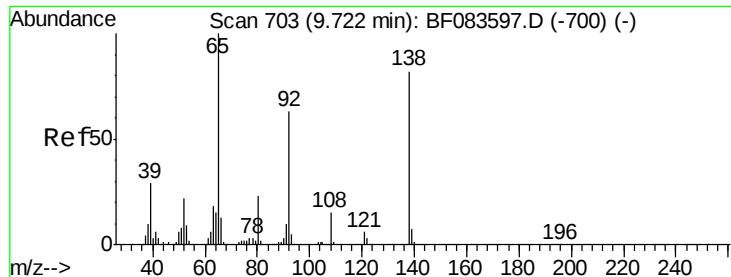
MMdadoda
 12/11/2015 6:01:44 PM



#46
 2-Chloronaphthalene
 Concen: 44.01 ng
 RT: 9.41 min Scan# 676
 Delta R.T. -0.09 min
 Lab File: BF083692.D
 Acq: 10 Dec 2015 23:01

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.4	31.0	46.4
164	32.7	27.4	41.0





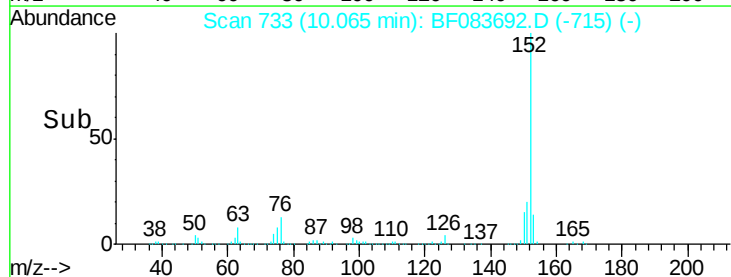
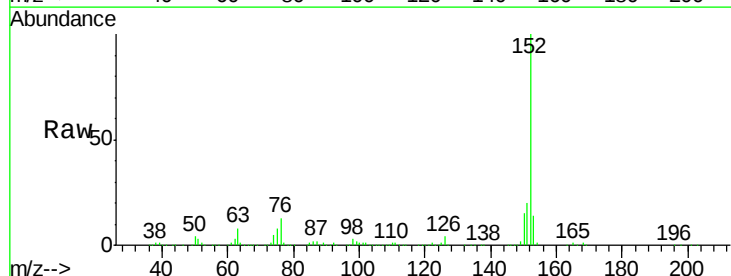
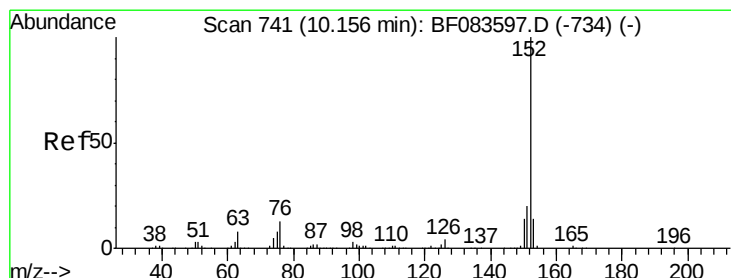
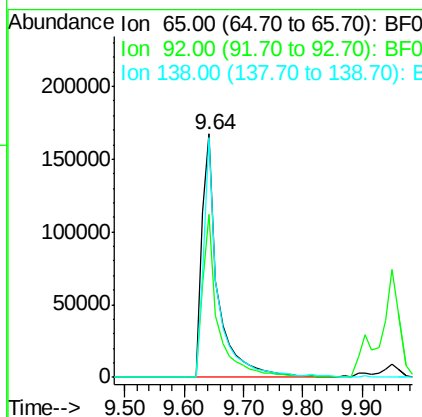
#47
2-Nitroaniline
Concen: 48.10 ng
RT: 9.64 min Scan# 696
Delta R.T. -0.08 min
Lab File: BF083692.D
Acq: 10 Dec 2015 23:01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	321719		
92	67.1	49.6	74.4	
138	98.7	64.1	96.1	

Instrument :
BNA_F
ClientSampleId :
A8-4CMS

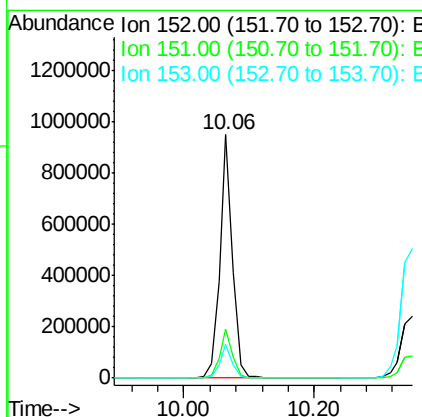
Manual Integrations
APPROVED

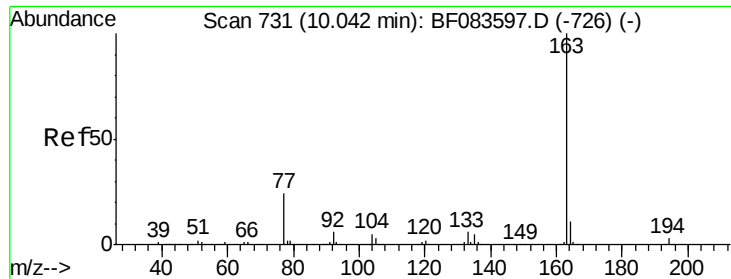
MMdadoda
12/11/2015 6:01:44 PM



#48
Acenaphthylene
Concen: 42.11 ng
RT: 10.06 min Scan# 733
Delta R.T. -0.09 min
Lab File: BF083692.D
Acq: 10 Dec 2015 23:01

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	1287819		
151	20.2	16.3	24.5	
153	13.8	10.8	16.2	





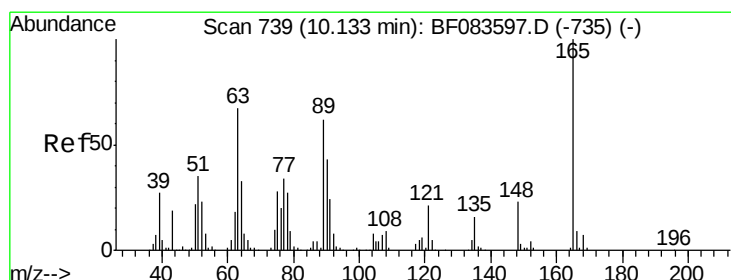
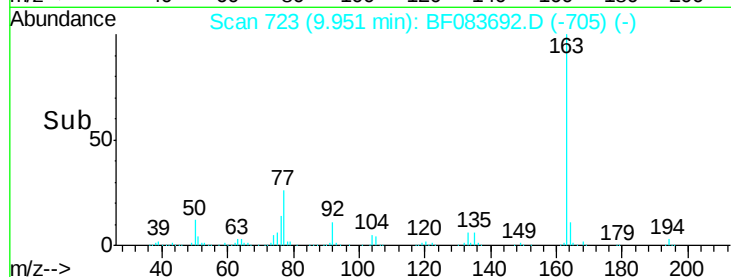
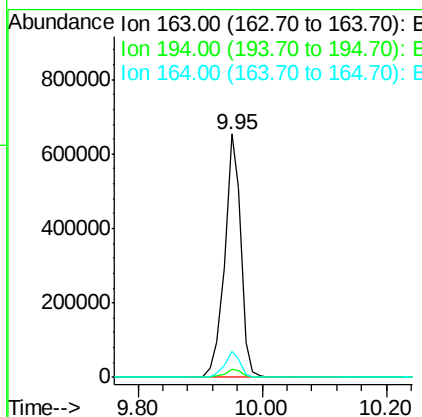
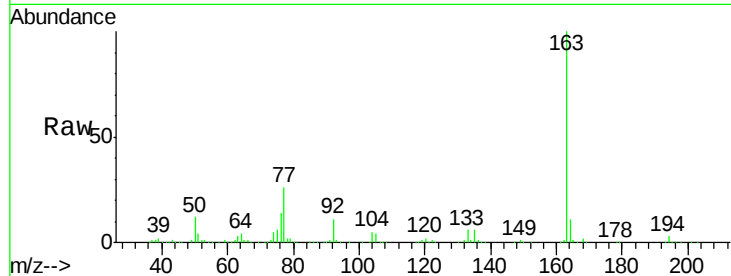
#49
Dimethylphthalate
Concen: 51.70 ng
RT: 9.95 min Scan# 723
Delta R.T. -0.09 min
Lab File: BF083692.D
Acq: 10 Dec 2015 23:01

Instrument :
BNA_F
ClientSampleId :
A8-4CMS

Tot Ion	Ion	Ratio	Lower	Upper
163	100			
194	3.3	2.8	4.2	
164	10.7	8.6	13.0	

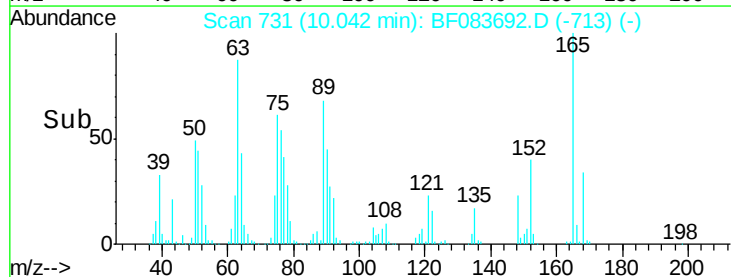
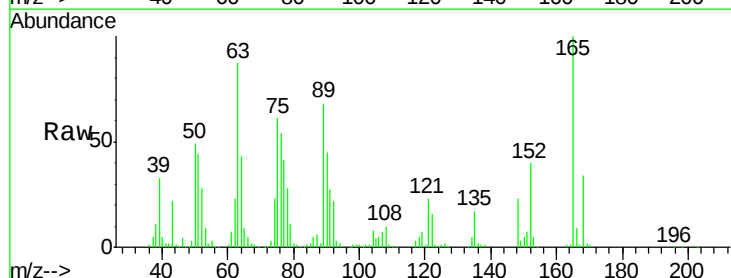
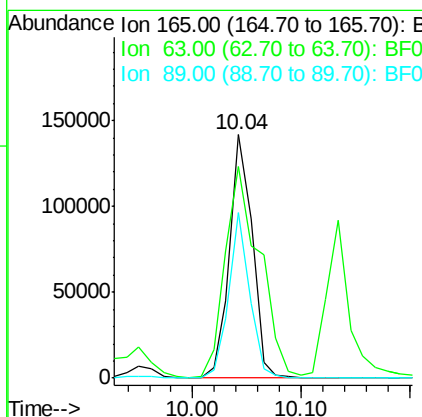
Manual Integrations
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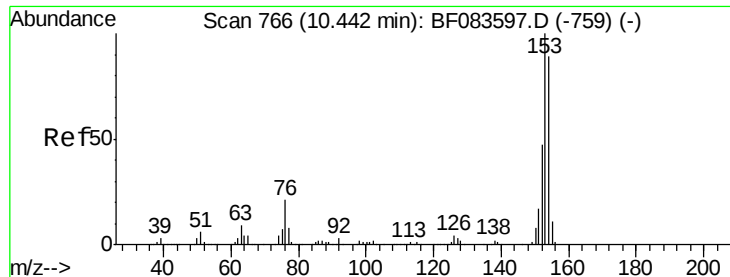
MMdadoda
12/11/2015 6:01:44 PM



#50
2,6-Dinitrotoluene
Concen: 44.12 ng
RT: 10.04 min Scan# 731
Delta R.T. -0.09 min
Lab File: BF083692.D
Acq: 10 Dec 2015 23:01

Tgt Ion	Ion	Ratio	Lower	Upper
165	100			
63	86.8	56.9	85.3#	
89	68.0	52.1	78.1	





#51

Acenaphthene

Concen: 43.40 ng

RT: 10.35 min Scan# 758

Delta R.T. -0.09 min

Lab File: BF083692.D

Acq: 10 Dec 2015 23:01

Instrument :

BNA_F

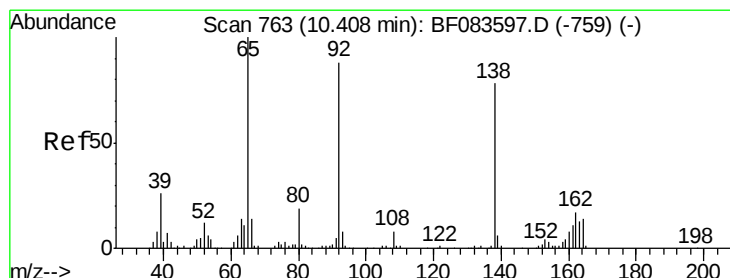
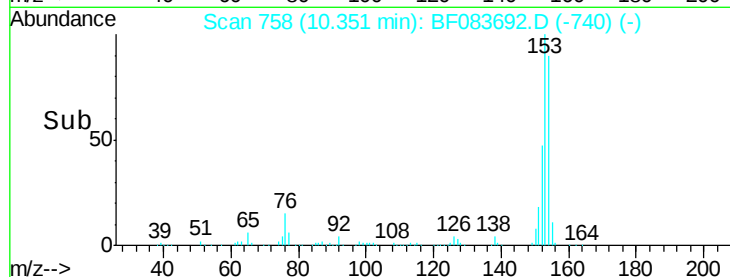
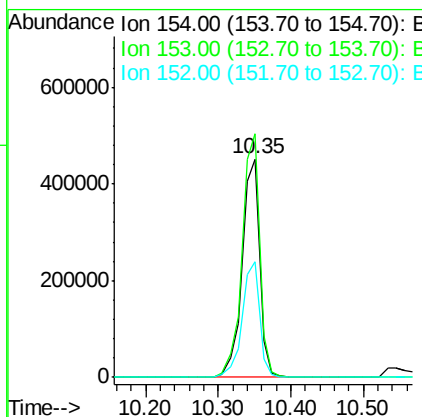
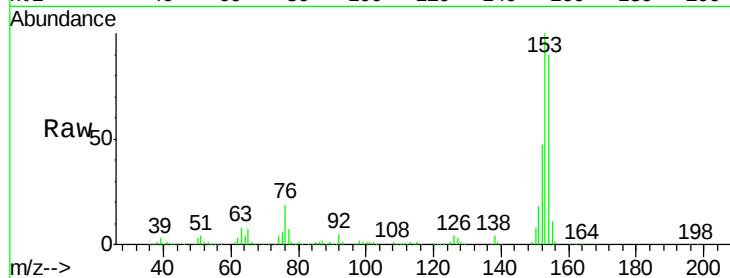
ClientSampleId :

A8-4CMS

Tot Ion:	154	Resp:	759917
Ion Ratio	Lower	Upper	
154	100		
153	111.4	91.4	137.0
152	52.9	43.4	65.2

Manual Integrations
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MMdadoda
12/11/2015 6:01:44 PM



#52

3-Nitroaniline

Concen: 25.82 ng

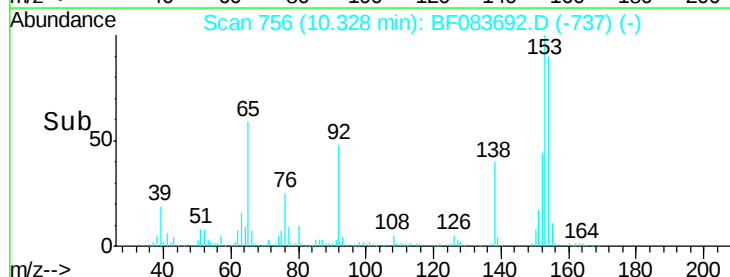
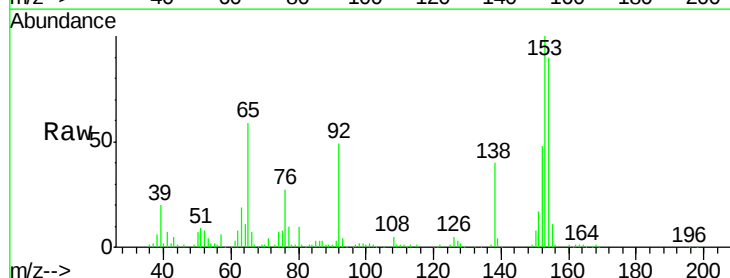
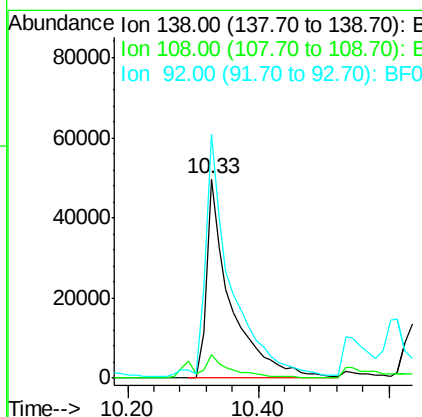
RT: 10.33 min Scan# 756

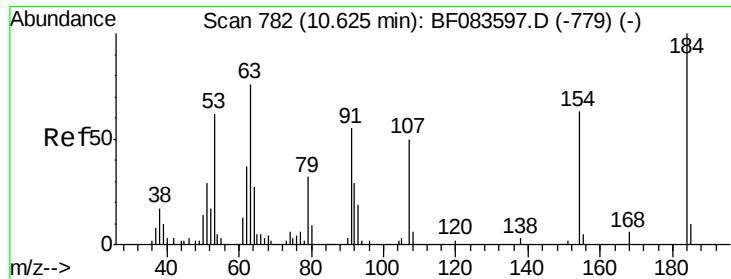
Delta R.T. -0.08 min

Lab File: BF083692.D

Acq: 10 Dec 2015 23:01

Tgt Ion:	138	Resp:	127474
Ion Ratio	Lower	Upper	
138	100		
108	11.5	9.9	14.9
92	122.1	113.8	170.8





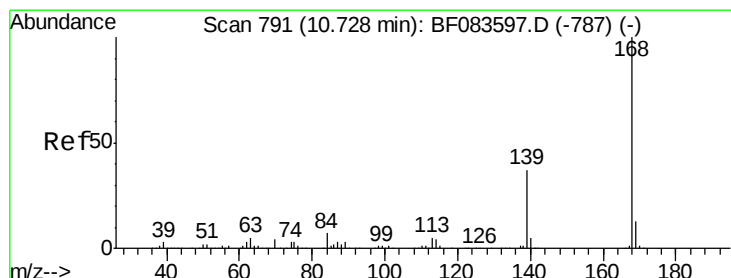
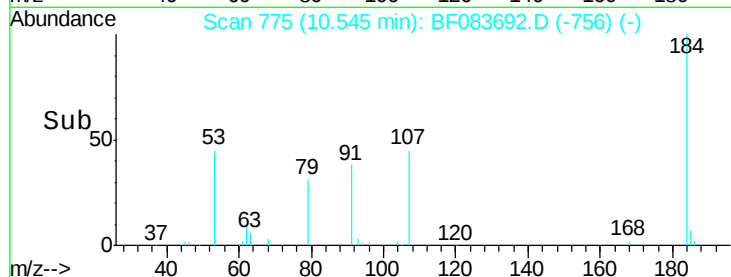
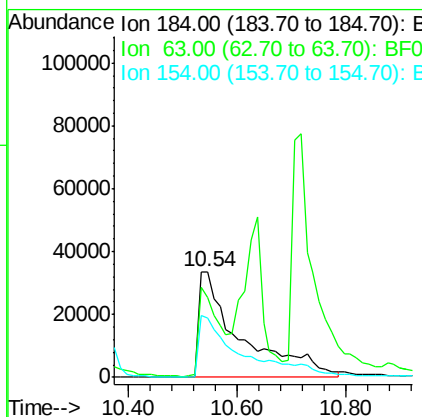
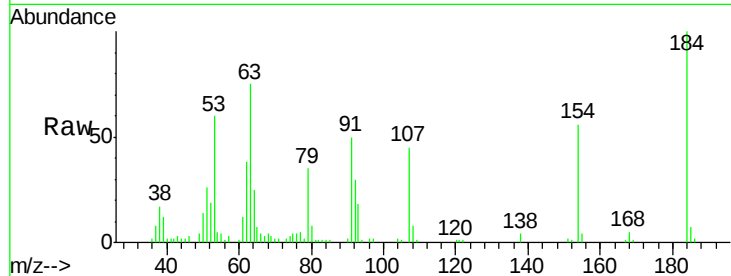
#53
2,4-Dinitrophenol
Concen: 77.79 ng
RT: 10.54 min Scan# 775
Delta R.T. -0.08 min
Lab File: BF083692.D
Acq: 10 Dec 2015 23:01

Instrument :
BNA_F
ClientSampleId :
A8-4CMS

Tot Ion	Ratio	Lower	Upper
184	100		
63	75.5	62.4	93.6
154	56.5	46.6	69.8

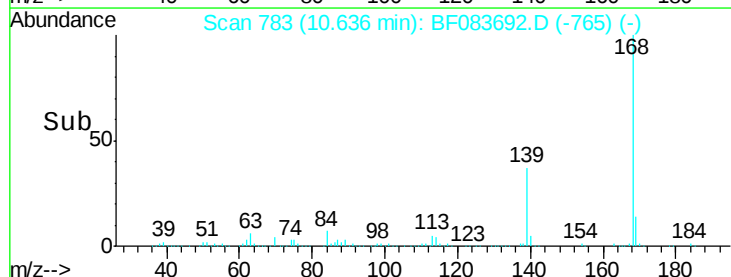
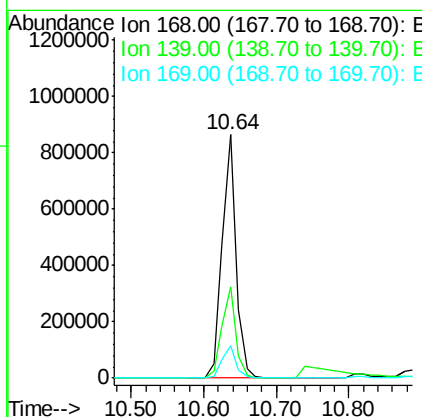
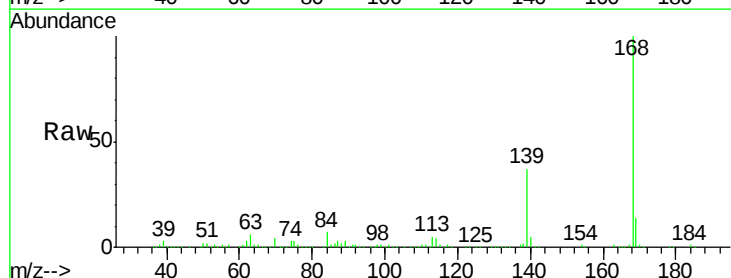
Manual Integrations
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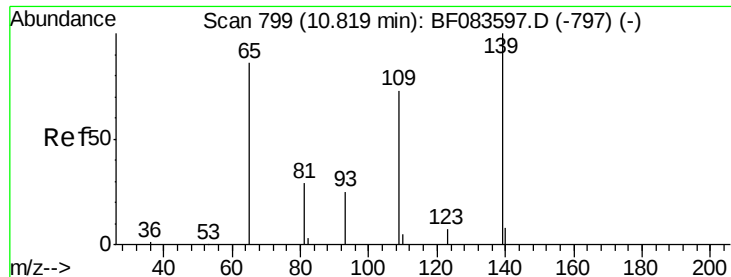
MMdadoda
12/11/2015 6:01:44 PM



#54
Dibenzofuran
Concen: 47.39 ng
RT: 10.64 min Scan# 783
Delta R.T. -0.09 min
Lab File: BF083692.D
Acq: 10 Dec 2015 23:01

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.4	28.0	42.0
169	13.5	10.8	16.2





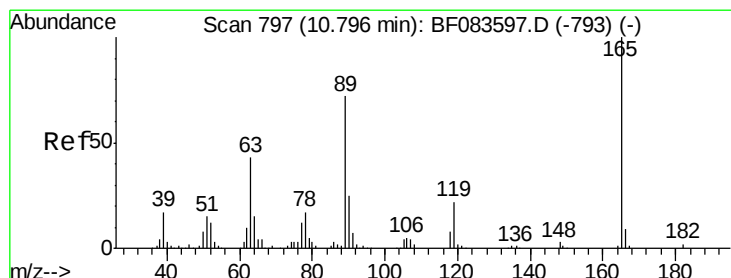
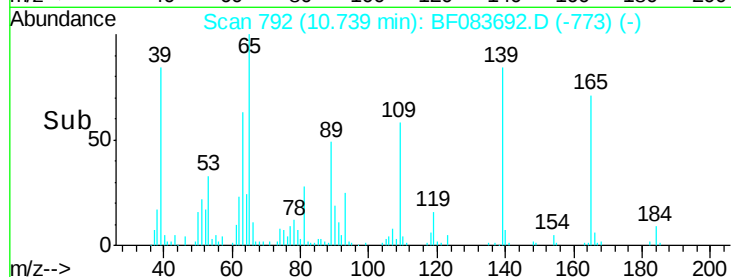
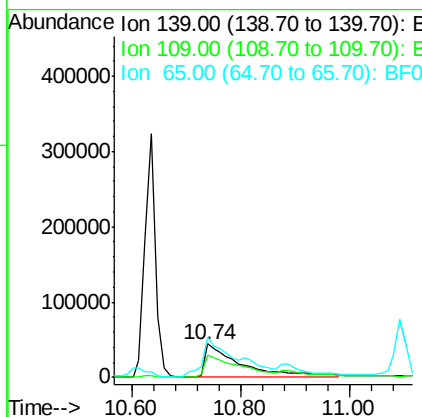
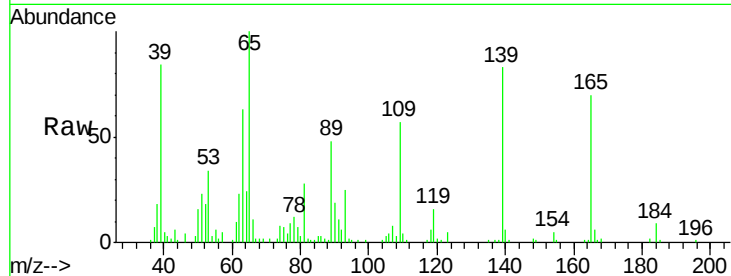
#55
4-Nitrophenol
Concen: 89.78 ng
RT: 10.74 min Scan# 792
Delta R.T. -0.08 min
Lab File: BF083692.D
Acq: 10 Dec 2015 23:01

Instrument :
BNA_F
ClientSampleId :
A8-4CMS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	195129		
109	68.2	42.0	82.0	
65	120.4	89.2	129.2	

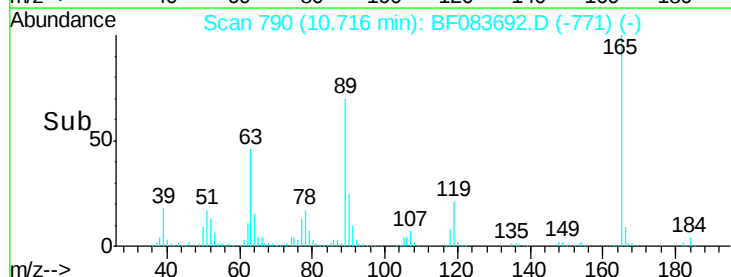
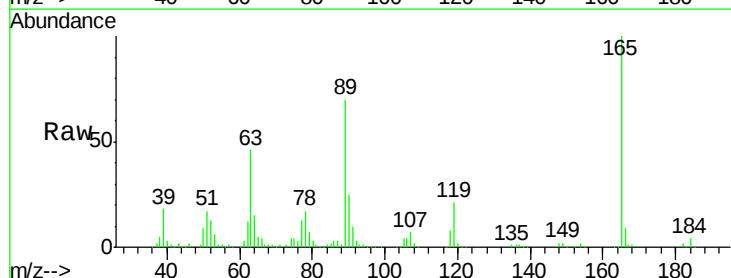
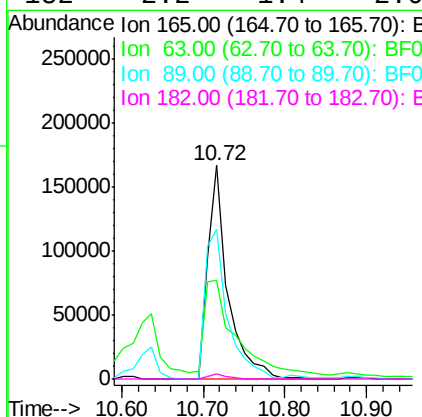
Manual Integrations
APPROVED

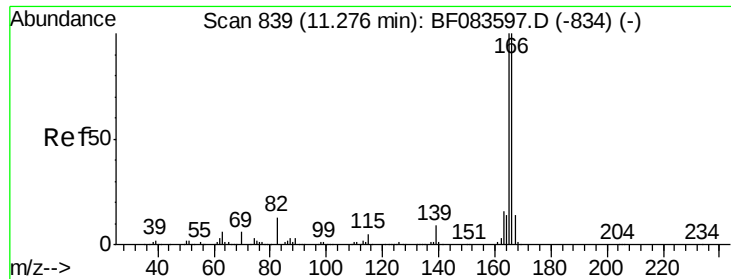
MMdadoda
12/11/2015 6:01:44 PM



#56
2,4-Dinitrotoluene
Concen: 46.98 ng
RT: 10.72 min Scan# 790
Delta R.T. -0.08 min
Lab File: BF083692.D
Acq: 10 Dec 2015 23:01

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	289428		
63	46.4	51.4	77.2#	
89	69.8	72.6	108.8#	
182	2.2	1.4	2.0#	





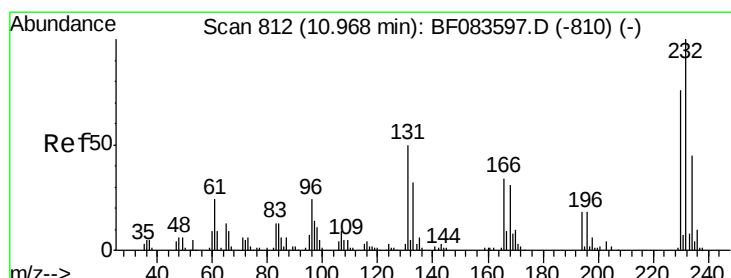
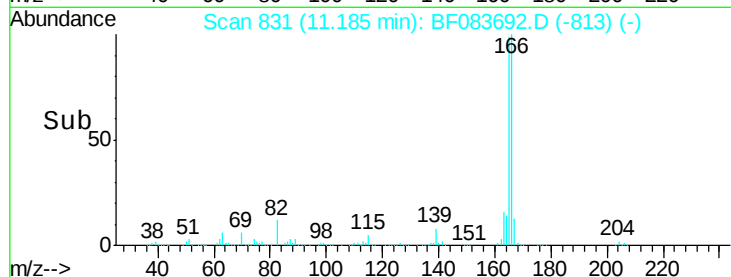
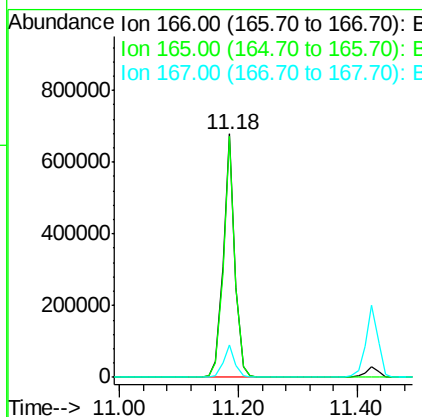
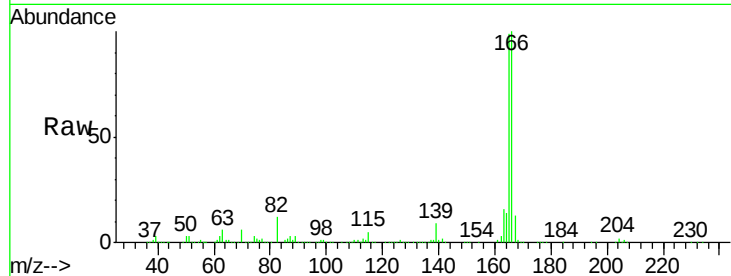
#57
 Fluorene
 Concen: 42.78 ng
 RT: 11.18 min Scan# 831
 Delta R.T. -0.09 min
 Lab File: BF083692.D
 Acq: 10 Dec 2015 23:01

Instrument :
 BNA_F
 ClientSampleId :
 A8-4CMS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	906622		
165	99.0	80.0	120.0	
167	13.3	10.6	16.0	

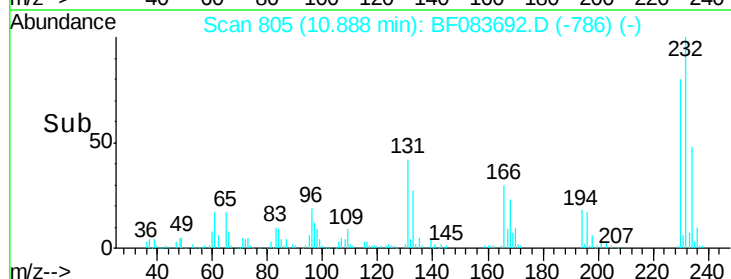
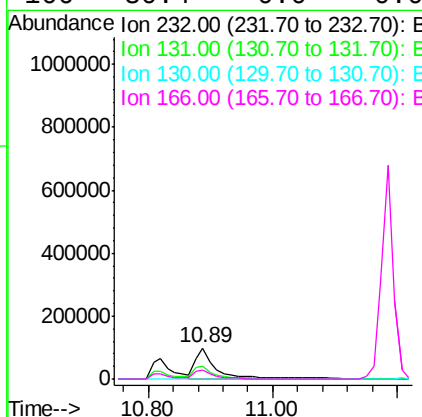
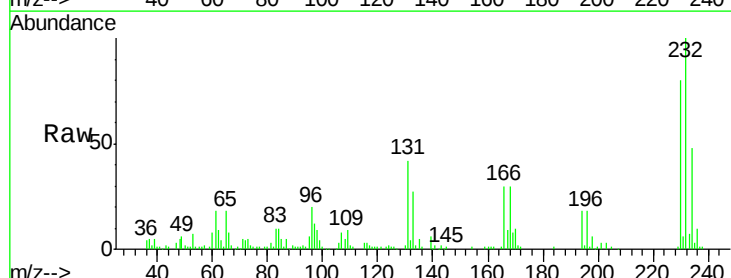
Manual Integrations
 APPROVED

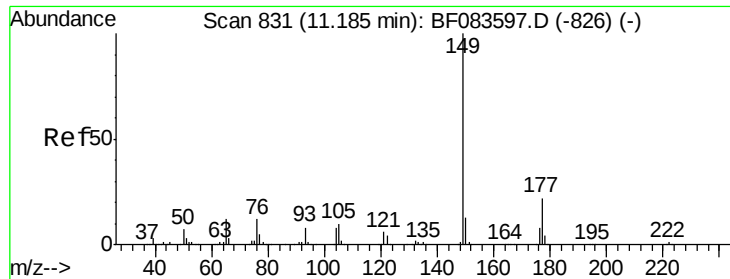
MMdadoda
 12/11/2015 6:01:44 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 48.51 ng
 RT: 10.89 min Scan# 805
 Delta R.T. -0.08 min
 Lab File: BF083692.D
 Acq: 10 Dec 2015 23:01

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	213652		
131	46.8	0.0	0.0#	
130	2.3	0.0	0.0#	
166	30.4	0.0	0.0#	





#59

Diethylphthalate

Concen: 42.40 ng

RT: 11.09 min Scan# 823

Delta R.T. -0.09 min

Lab File: BF083692.D

Acq: 10 Dec 2015 23:01

Instrument :

BNA_F

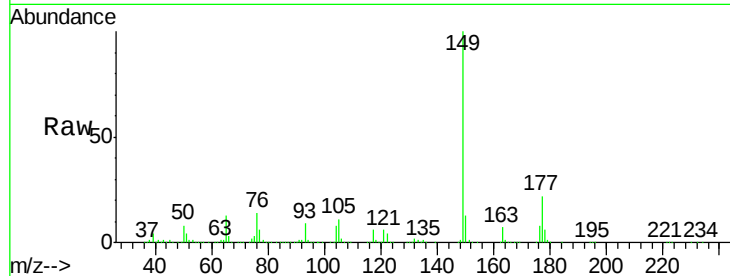
ClientSampleId :

A8-4CMS

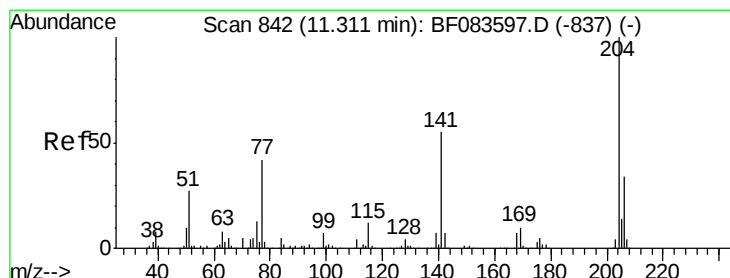
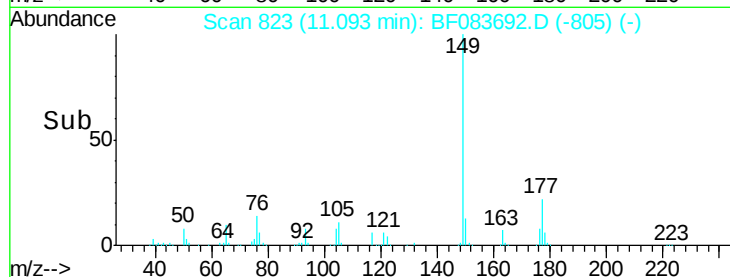
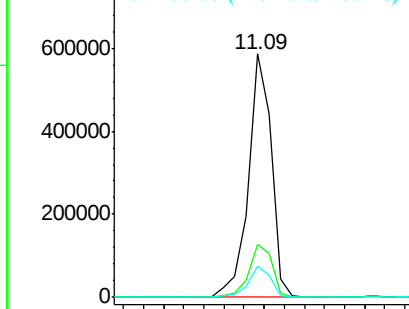
Tot Ion:	149	Resp:	927440
Ion Ratio	Lower	Upper	
149	100		
177	21.8	16.9	25.3
150	12.9	10.2	15.4

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



#60

4-Chlorophenyl-phenylether

Concen: 42.03 ng

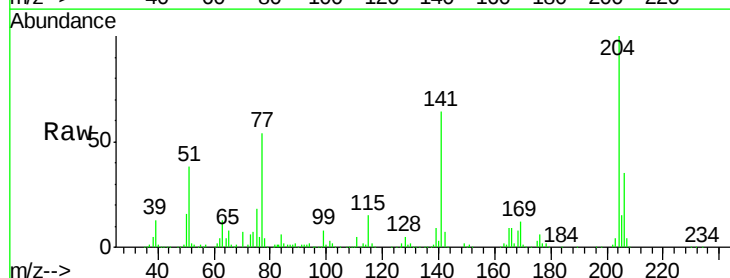
RT: 11.21 min Scan# 833

Delta R.T. -0.10 min

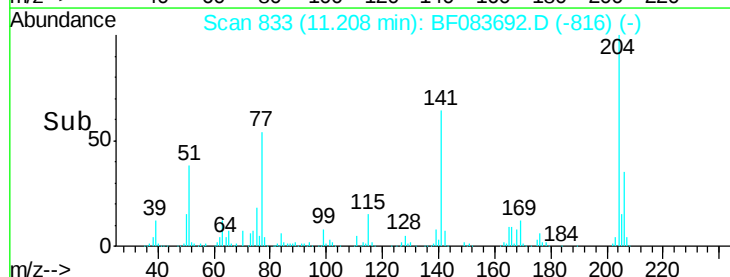
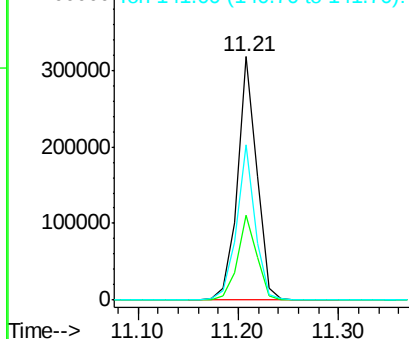
Lab File: BF083692.D

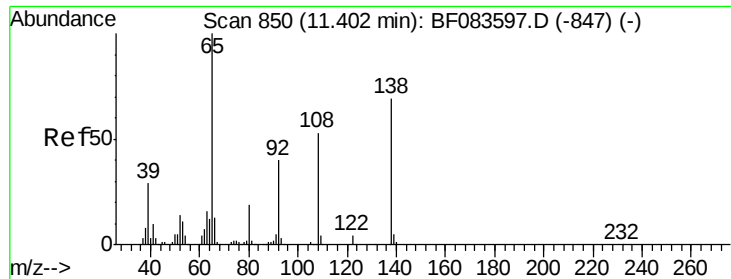
Acq: 10 Dec 2015 23:01

Tgt Ion:	204	Resp:	424013
Ion Ratio	Lower	Upper	
204	100		
206	34.9	27.3	40.9
141	63.9	51.9	77.9



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





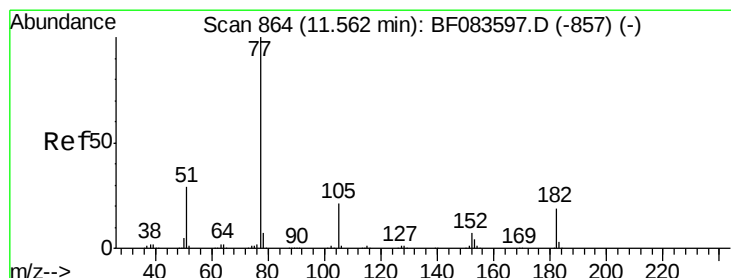
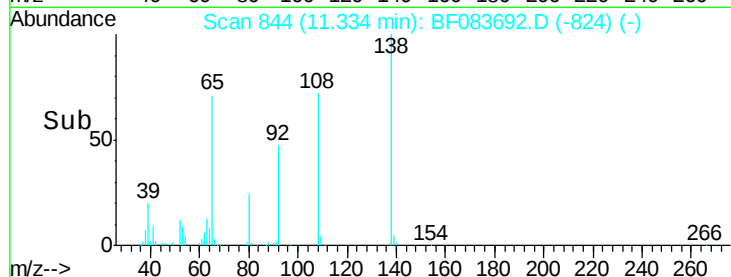
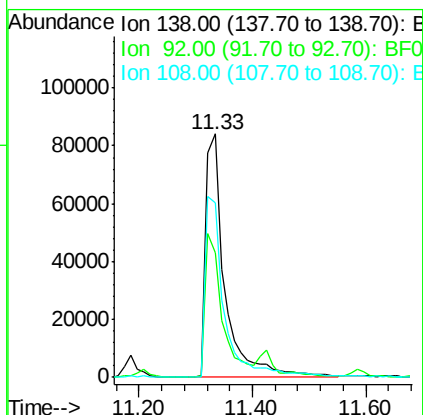
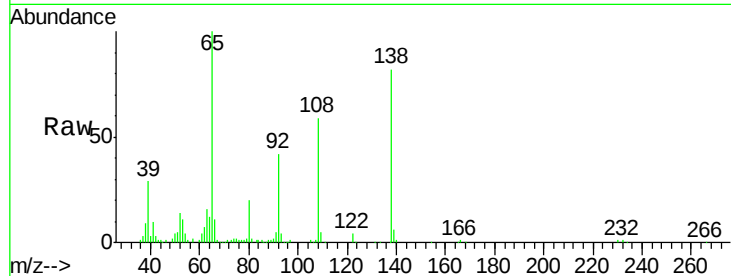
#61
4-Nitroaniline
Concen: 42.61 ng
RT: 11.33 min Scan# 844
Delta R.T. -0.07 min
Lab File: BF083692.D
Acq: 10 Dec 2015 23:01

Instrument :
BNA_F
ClientSampled :
A8-4CMS

Tot Ion	Ratio	Lower	Upper
138	100		
92	51.4	29.0	69.0
108	71.7	47.4	87.4

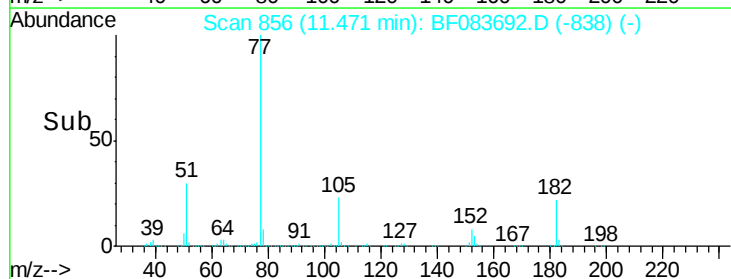
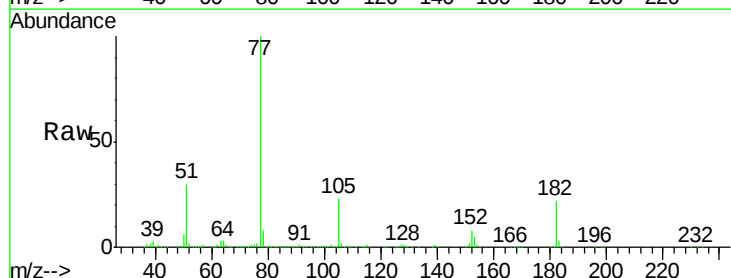
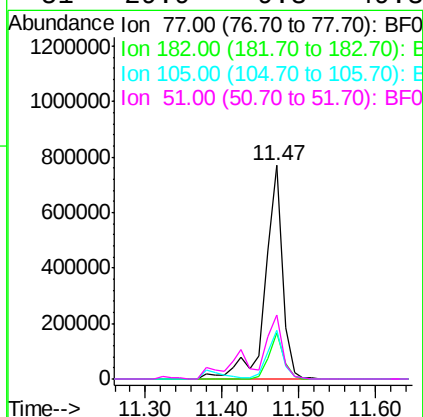
Manual Integrations
APPROVED

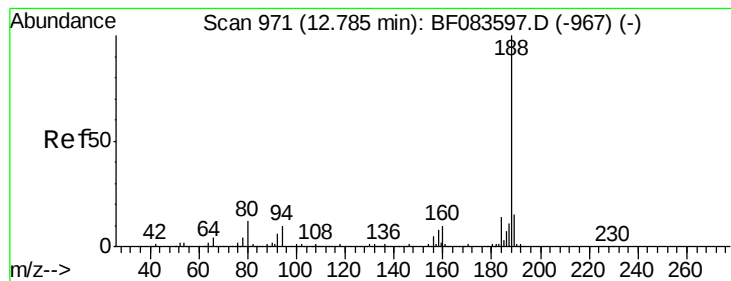
MMdadoda
12/11/2015 6:01:44 PM



#62
Azobenzene
Concen: 49.43 ng
RT: 11.47 min Scan# 856
Delta R.T. -0.09 min
Lab File: BF083692.D
Acq: 10 Dec 2015 23:01

Tgt Ion	Ratio	Lower	Upper
77	100		
182	21.8	2.5	42.5
105	22.5	2.1	42.1
51	29.9	9.3	49.3





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.69 min Scan# 963

Delta R.T. -0.09 min

Lab File: BF083692.D

Acq: 10 Dec 2015 23:01

Instrument :

BNA_F

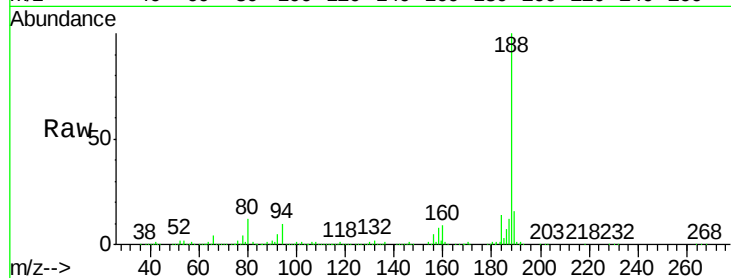
ClientSampled :

A8-4CMS

Tot Ion:	188	Resp:	505360
Ion Ratio	Lower	Upper	
188	100		
94	9.8	9.4	14.2
80	11.5	10.6	16.0

Manual Integrations
APPROVED

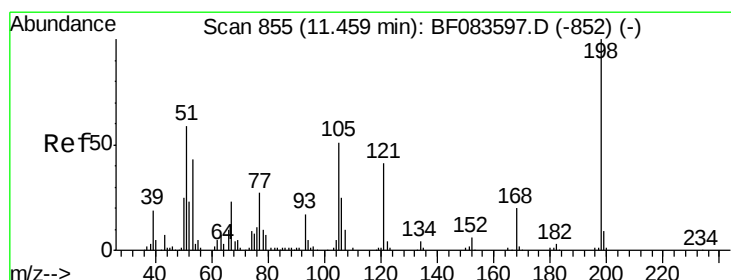
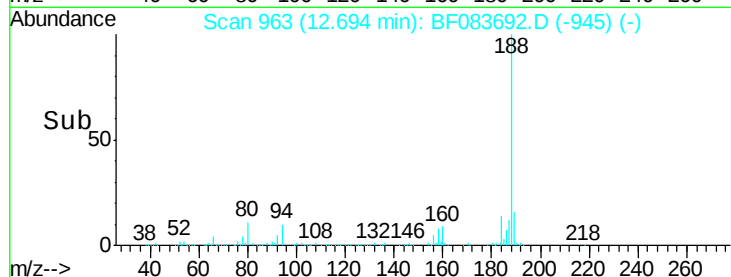
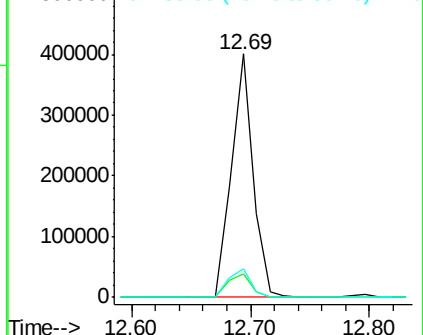
MMdadoda
12/11/2015 6:01:44 PM



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 39.59 ng

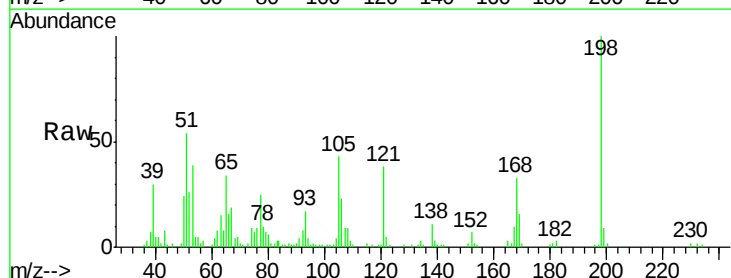
RT: 11.39 min Scan# 849

Delta R.T. -0.07 min

Lab File: BF083692.D

Acq: 10 Dec 2015 23:01

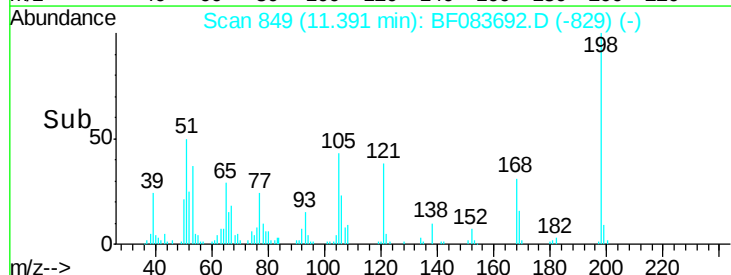
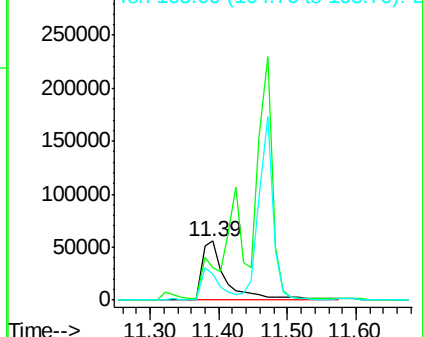
Tgt Ion:	198	Resp:	135073
Ion Ratio	Lower	Upper	
198	100		
51	54.2	53.8	93.8
105	43.3	38.6	78.6

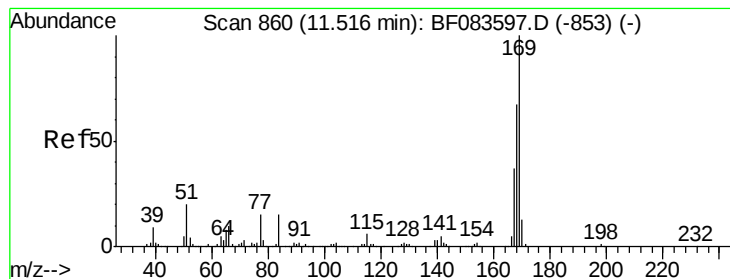


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





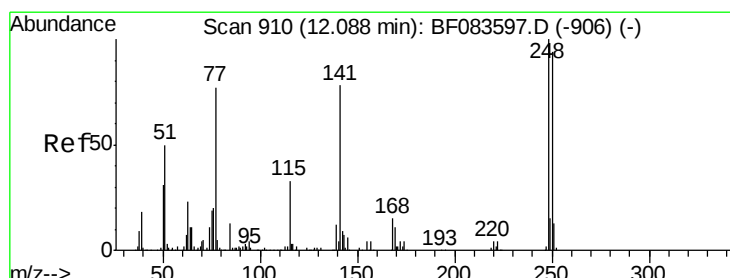
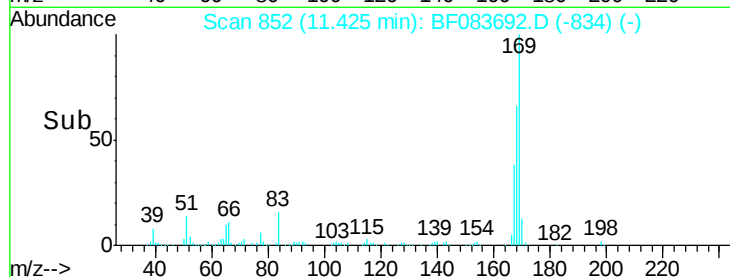
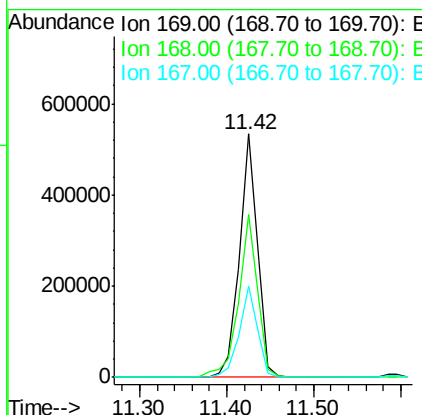
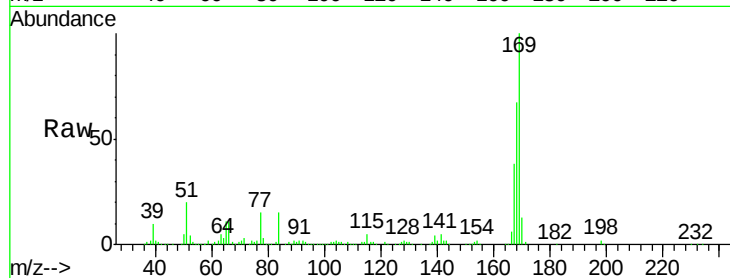
#65
n-Nitrosodiphenylamine
Concen: 45.92 ng
RT: 11.42 min Scan# 852
Delta R.T. -0.09 min
Lab File: BF083692.D
Acq: 10 Dec 2015 23:01

Instrument :
BNA_F
ClientSampleId :
A8-4CMS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	765812		
168	66.8	53.0	79.6	
167	37.6	29.3	43.9	

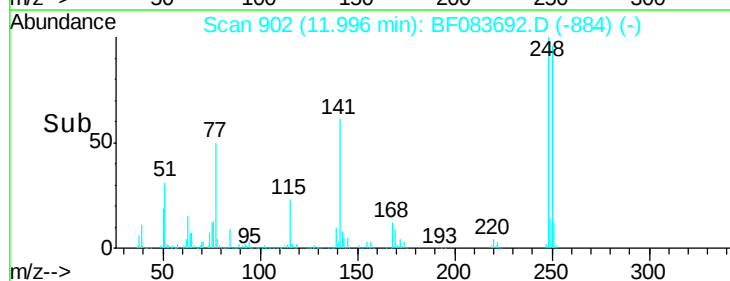
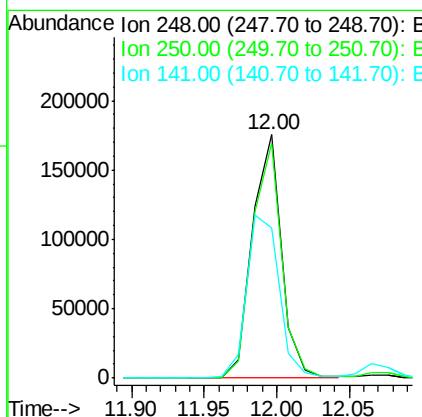
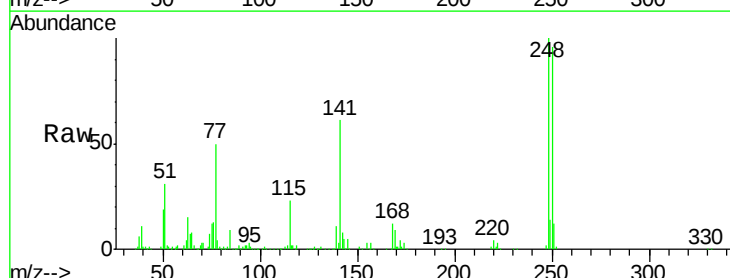
Manual Integrations
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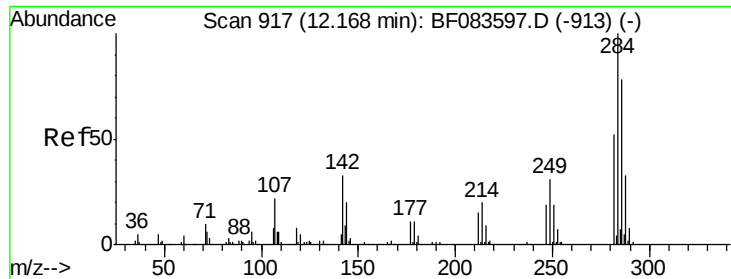
MMdadoda
12/11/2015 6:01:44 PM



#66
4-Bromophenyl-phenylether
Concen: 43.49 ng
RT: 12.00 min Scan# 902
Delta R.T. -0.09 min
Lab File: BF083692.D
Acq: 10 Dec 2015 23:01

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	245140		
250	96.2	79.2	118.8	
141	61.5	58.2	87.4	





#67

Hexachlorobenzene

Concen: 44.85 ng

RT: 12.08 min Scan# 909

Delta R.T. -0.09 min

Lab File: BF083692.D

Acq: 10 Dec 2015 23:01

Instrument :

BNA_F

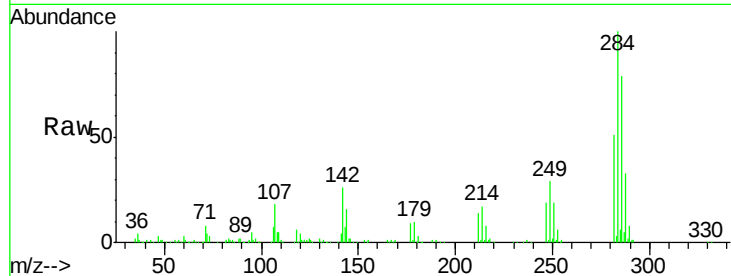
ClientSampleId :

A8-4CMS

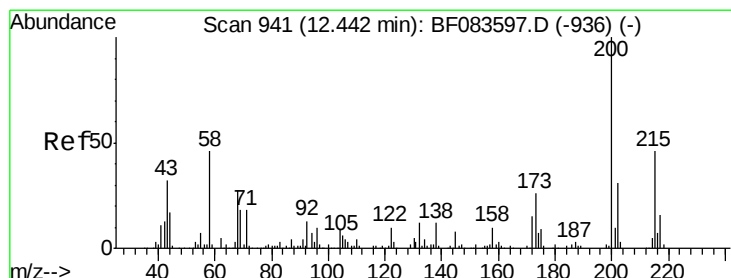
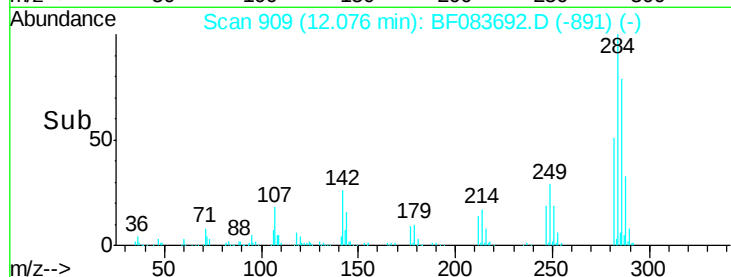
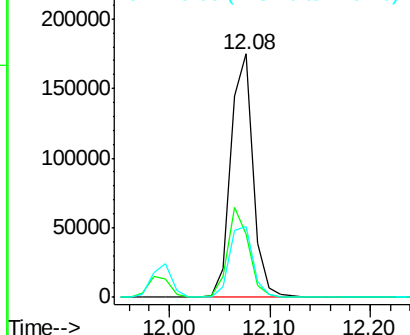
Tot Ion:	284	Resp:	268165
Ion Ratio		Lower	Upper
284	100		
142	25.8	31.0	46.4#
249	28.9	26.9	40.3

Manual Integrations
APPROVED

MMdadoda
12/11/2015 6:01:44 PM



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



#68

Atrazine

Concen: 48.88 ng

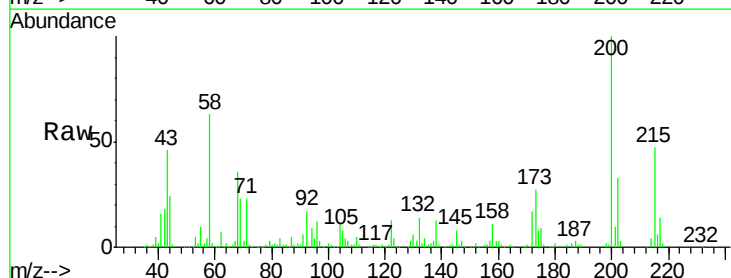
RT: 12.35 min Scan# 933

Delta R.T. -0.09 min

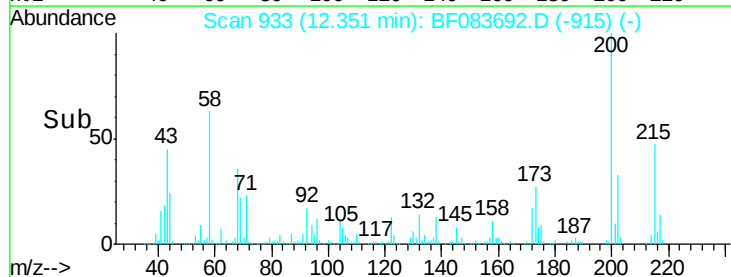
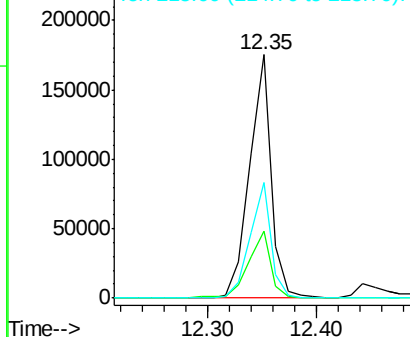
Lab File: BF083692.D

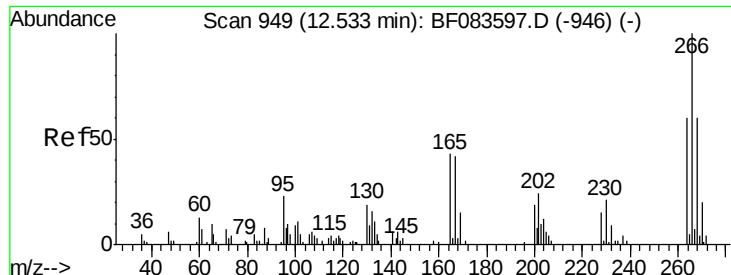
Acq: 10 Dec 2015 23:01

Tgt Ion:	200	Resp:	242583
Ion Ratio		Lower	Upper
200	100		
173	27.4	7.8	47.8
215	47.4	25.7	65.7



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





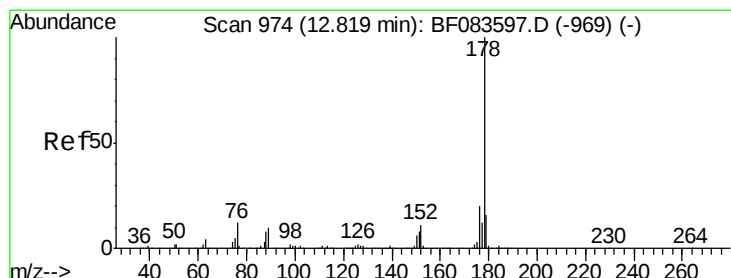
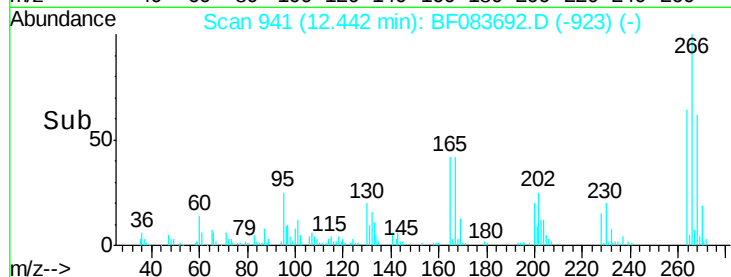
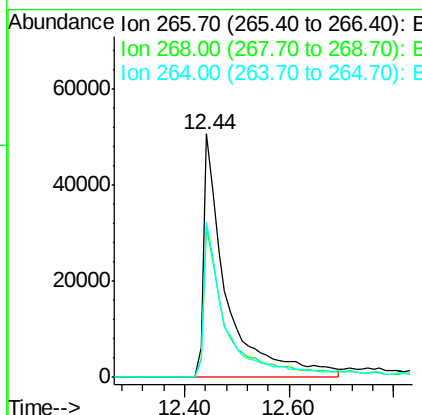
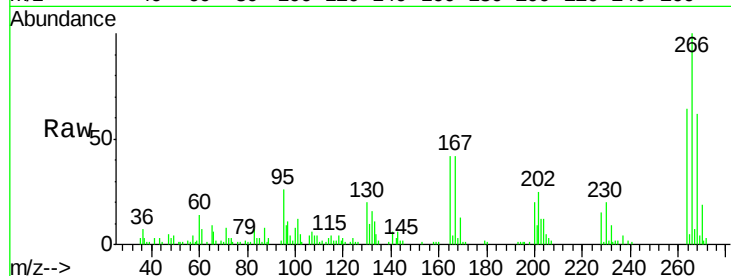
#69
 Pentachlorophenol
 Concen: 93.35 ng
 RT: 12.44 min Scan# 941
 Delta R.T. -0.09 min
 Lab File: BF083692.D
 Acq: 10 Dec 2015 23:01

Instrument :
 BNA_F
 ClientSampleId :
 A8-4CMS

Tot Ion	Ratio	Lower	Upper
266	100		
268	61.9	50.2	75.2
264	63.6	51.4	77.2

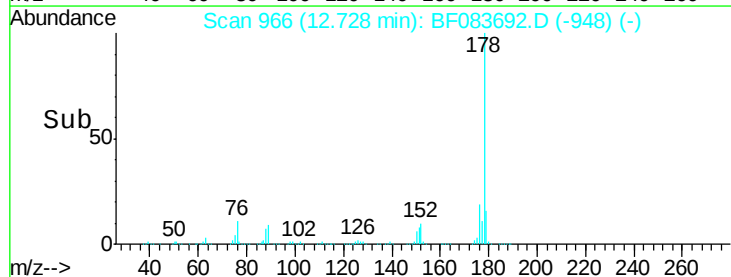
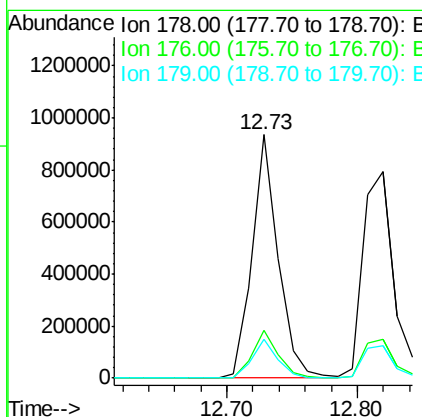
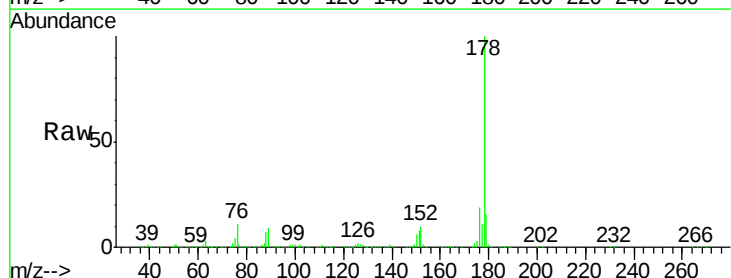
Manual Integrations
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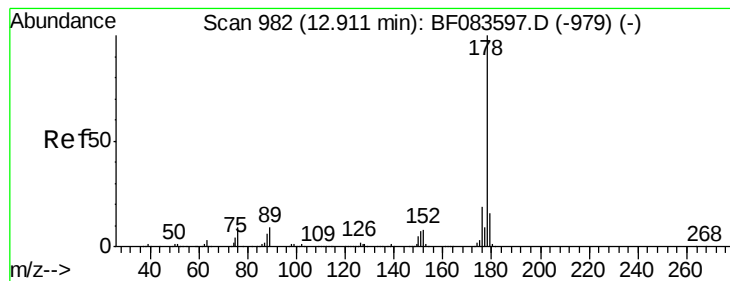
MMdadoda
 12/11/2015 6:01:44 PM



#70
 Phenanthrene
 Concen: 45.07 ng
 RT: 12.73 min Scan# 966
 Delta R.T. -0.09 min
 Lab File: BF083692.D
 Acq: 10 Dec 2015 23:01

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.7	23.5
179	15.8	12.2	18.4





#71

Anthracene

Concen: 44.35 ng

RT: 12.82 min Scan# 974

Delta R.T. -0.09 min

Lab File: BF083692.D

Acq: 10 Dec 2015 23:01

Instrument :

BNA_F

ClientSampleId :

A8-4CMS

Tot Ion:178 Resp: 1334094

Ion Ratio Lower Upper

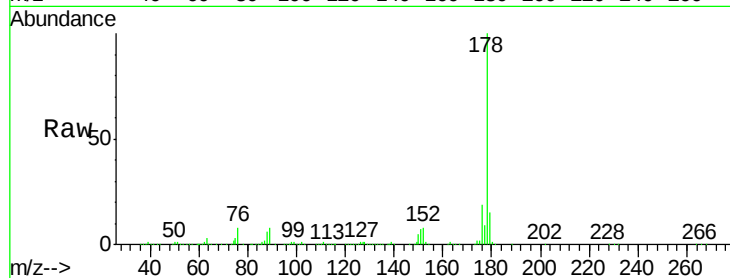
178 100

176 18.6 15.2 22.8

179 15.4 12.6 18.8

Manual Integrations
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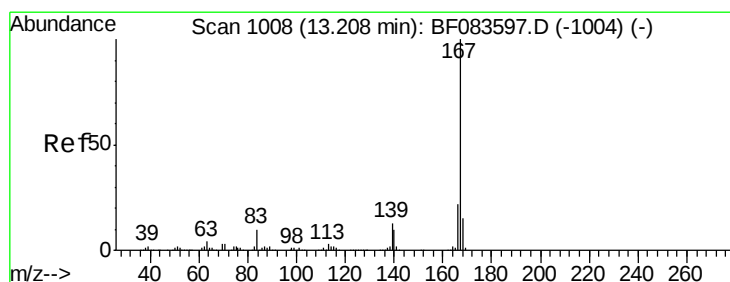
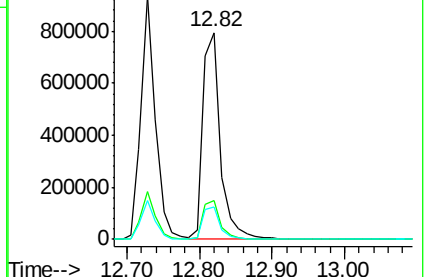
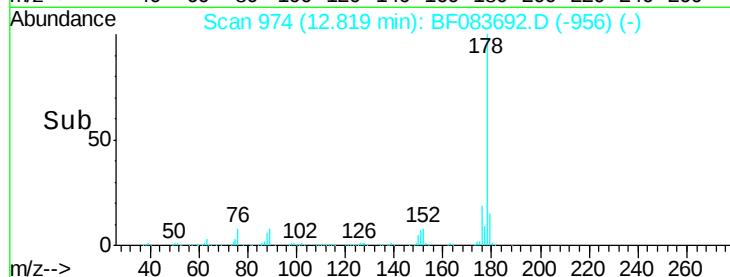
MMdadoda
12/11/2015 6:01:44 PM



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: 46.90 ng

RT: 13.12 min Scan# 1000

Delta R.T. -0.09 min

Lab File: BF083692.D

Acq: 10 Dec 2015 23:01

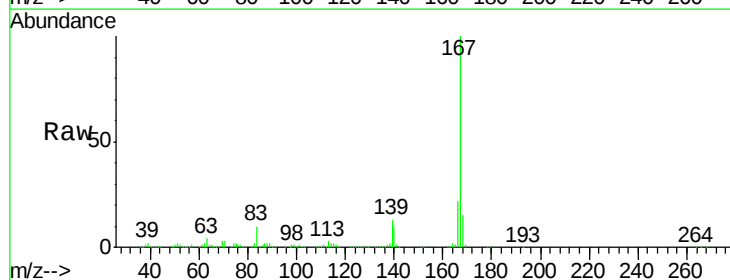
Tgt Ion:167 Resp: 1209804

Ion Ratio Lower Upper

167 100

166 21.6 17.2 25.8

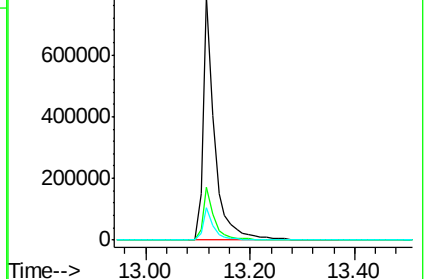
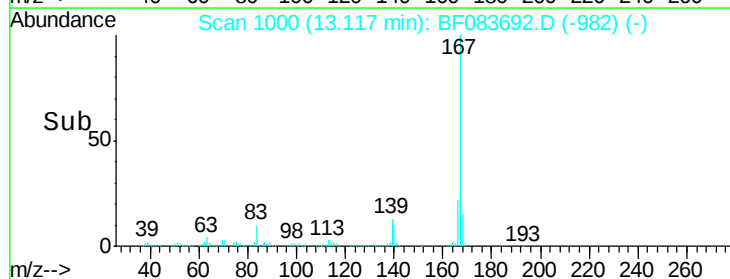
139 13.1 9.3 13.9

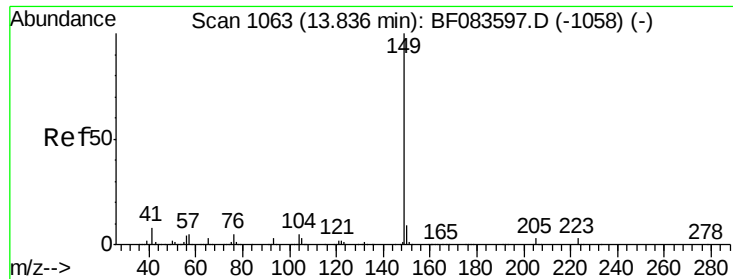


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 43.94 ng

RT: 13.73 min Scan# 1054

Delta R.T. -0.10 min

Lab File: BF083692.D

Acq: 10 Dec 2015 23:01

Instrument :

BNA_F

ClientSampleId :

A8-4CMS

Tot Ion:149 Resp: 1425399

Ion Ratio Lower Upper

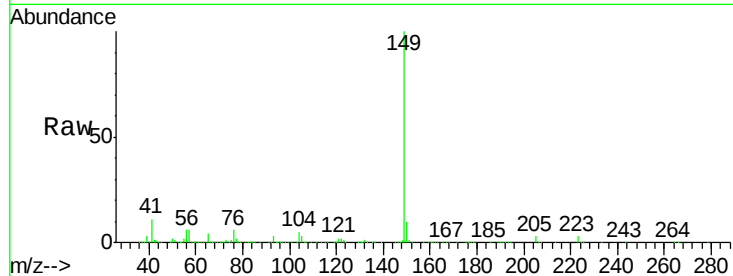
149 100

150 9.6 7.8 11.6

104 5.3 3.9 5.9

Manual Integrations
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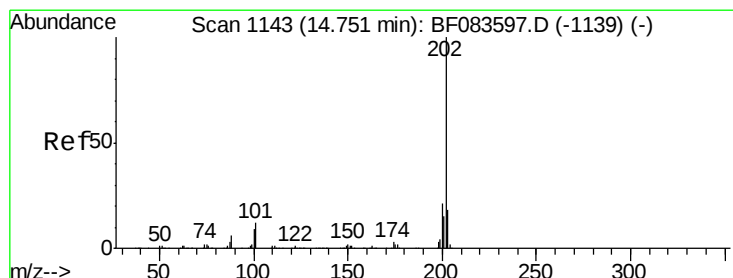
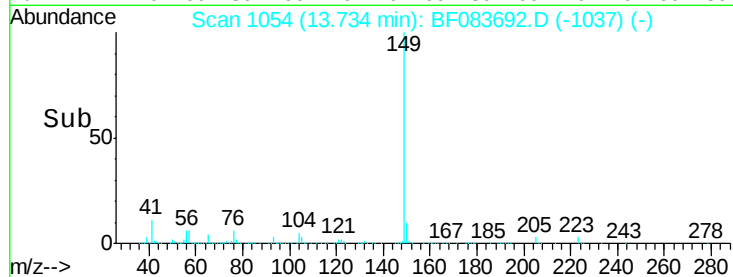
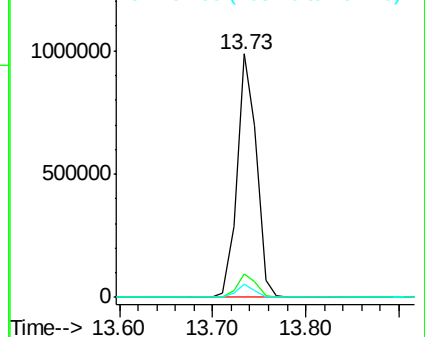
MMdadoda
12/11/2015 6:01:44 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 44.16 ng

RT: 14.65 min Scan# 1134

Delta R.T. -0.10 min

Lab File: BF083692.D

Acq: 10 Dec 2015 23:01

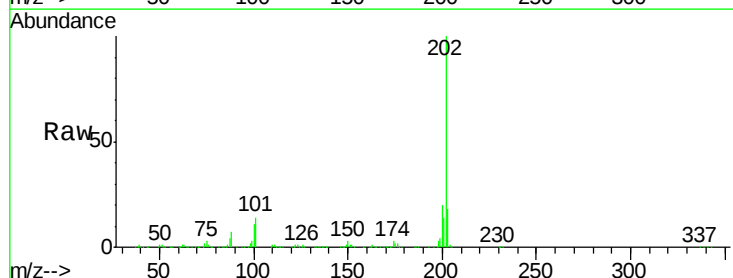
Tgt Ion:202 Resp: 1311735

Ion Ratio Lower Upper

202 100

101 13.8 0.0 31.5

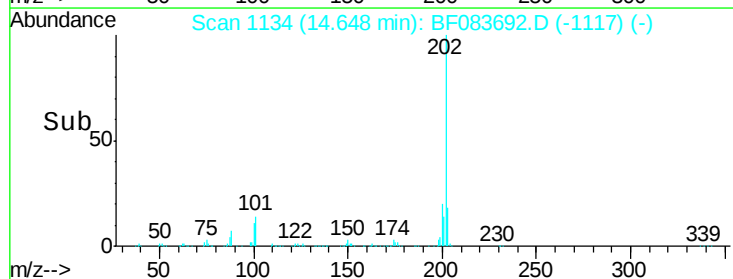
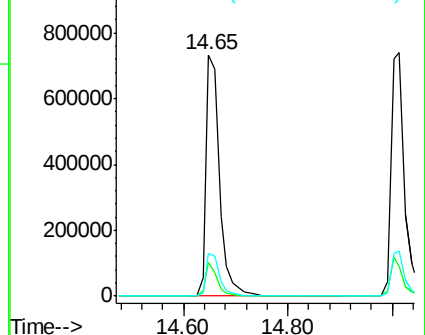
203 17.8 0.0 37.6

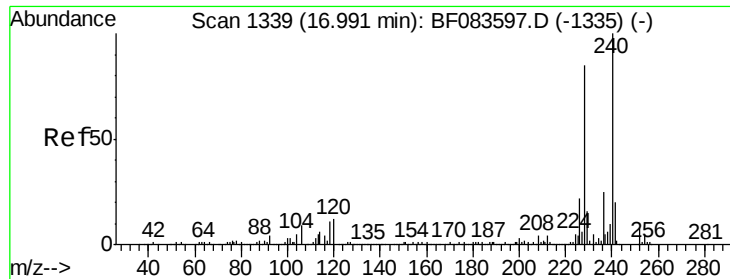


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.91 min Scan# 1332

Delta R.T. -0.08 min

Lab File: BF083692.D

Acq: 10 Dec 2015 23:01

Instrument :

BNA_F

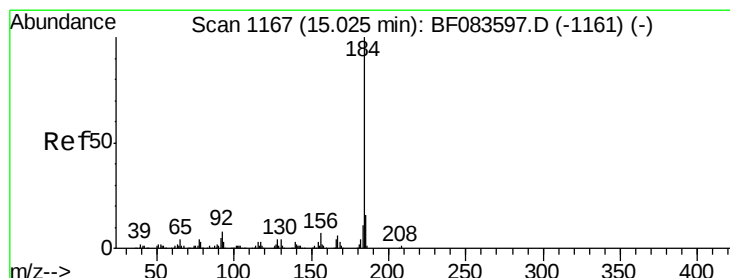
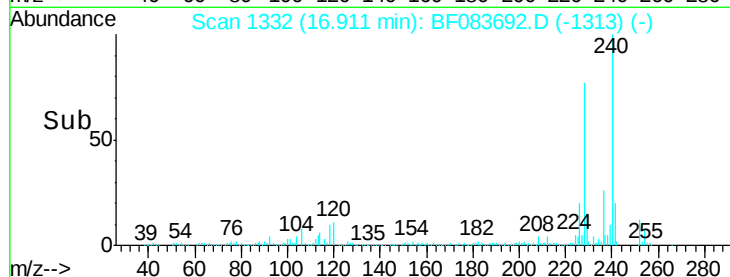
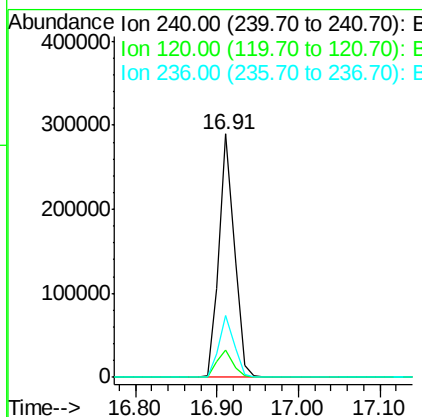
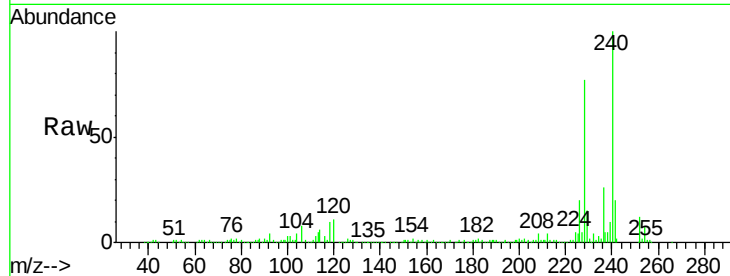
ClientSampleId :

A8-4CMS

Tot Ion:	240	Resp:	380313
Ion Ratio	Lower	Upper	
240	100		
120	11.0	8.1	12.1
236	25.6	20.8	31.2

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#76

Benzidine

Concen: 29.23 ng

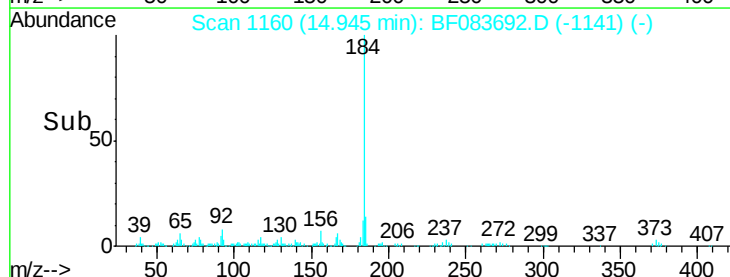
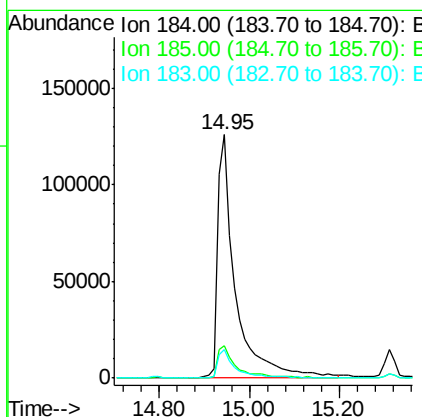
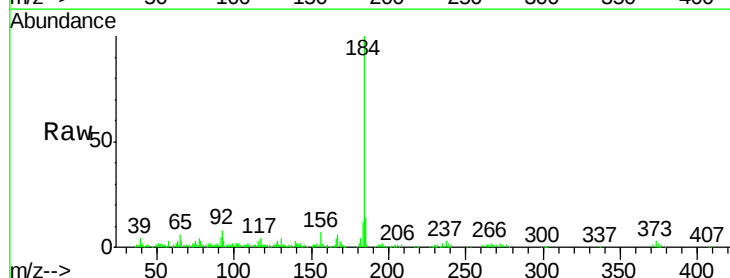
RT: 14.95 min Scan# 1160

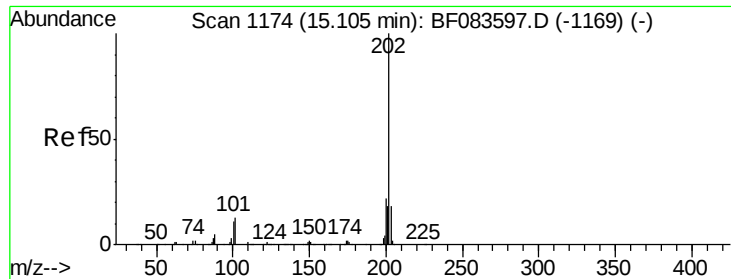
Delta R.T. -0.08 min

Lab File: BF083692.D

Acq: 10 Dec 2015 23:01

Tgt Ion:	184	Resp:	345789
Ion Ratio	Lower	Upper	
184	100		
185	13.5	13.0	19.6
183	11.9	9.0	13.4





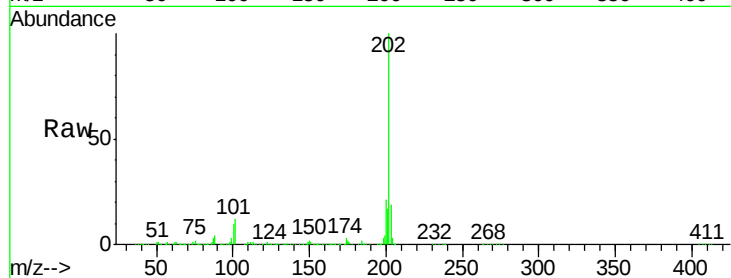
#77
Pvrene
Concen: 48.34 ng
RT: 15.01 min Scan# 1166
Delta R.T. -0.09 min
Lab File: BF083692.D
Acq: 10 Dec 2015 23:01

Instrument :
BNA_F
ClientSampleId :
A8-4CMS

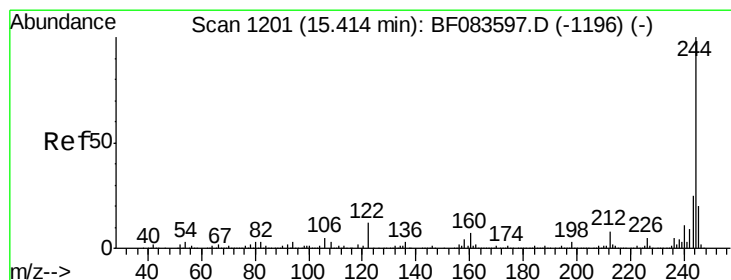
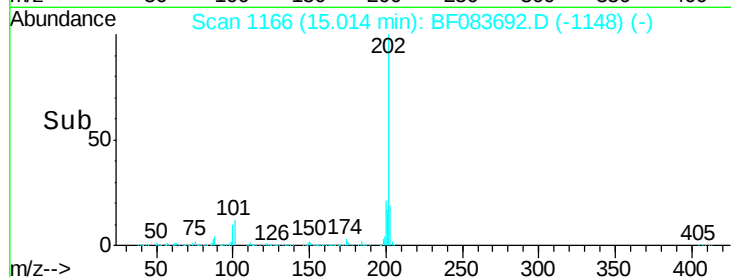
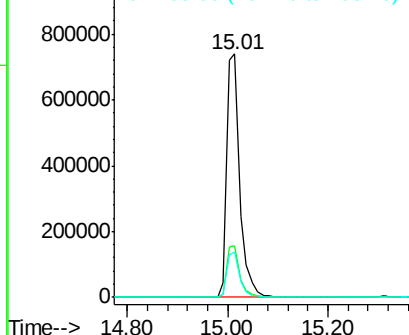
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.7	25.1
203	18.7	14.3	21.5

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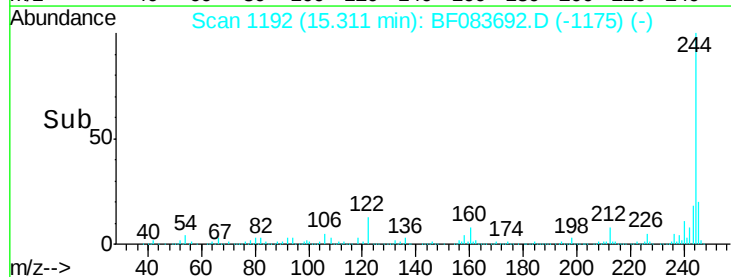
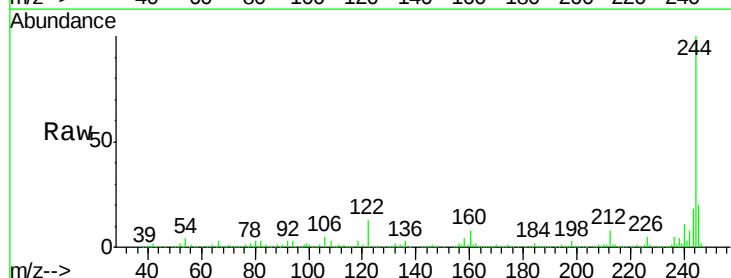
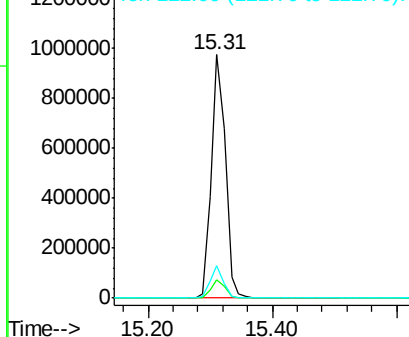
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

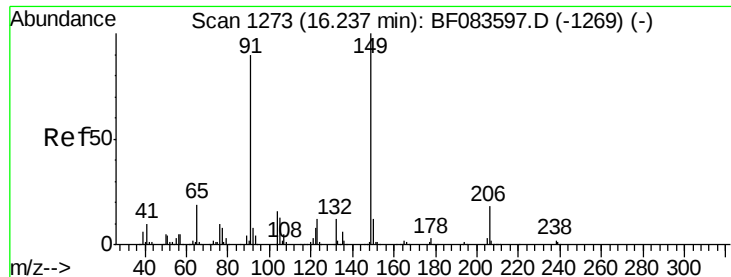


#78
Terphenyl-d14
Concen: 93.71 ng
RT: 15.31 min Scan# 1192
Delta R.T. -0.10 min
Lab File: BF083692.D
Acq: 10 Dec 2015 23:01

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.1	9.1
122	13.4	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





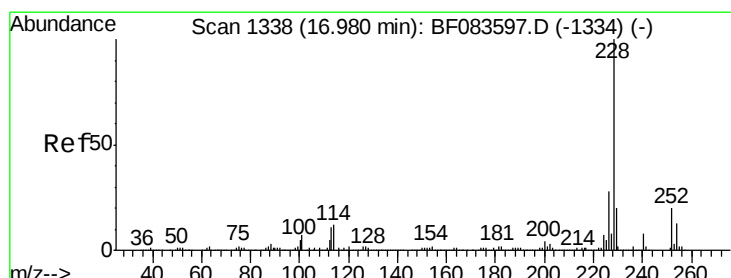
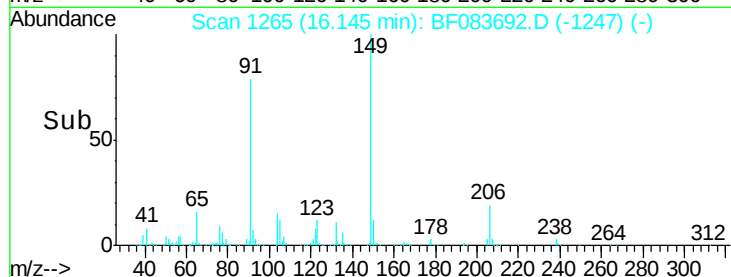
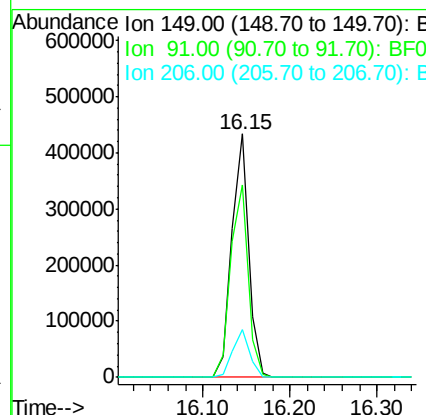
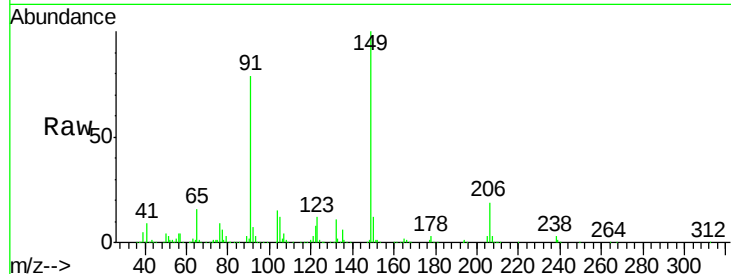
#79
Butylbenzylphthalate
Concen: 48.47 ng
RT: 16.15 min Scan# 1265
Delta R.T. -0.09 min
Lab File: BF083692.D
Acq: 10 Dec 2015 23:01

Instrument :
BNA_F
ClientSampleID :
A8-4CMS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	589054		
91	79.3	60.0	90.0	
206	19.4	16.2	24.4	

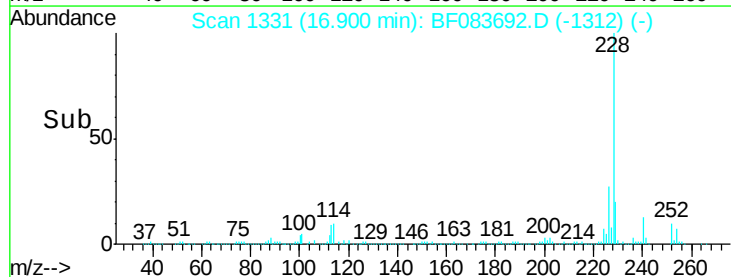
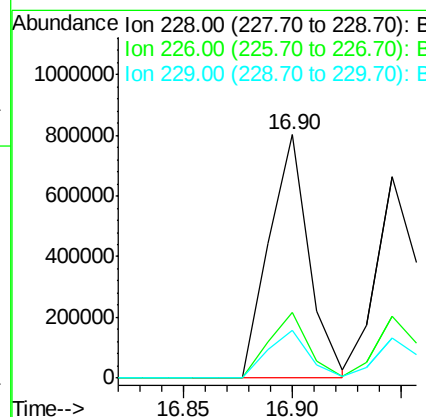
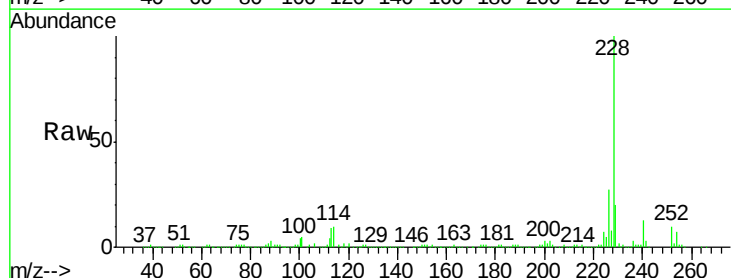
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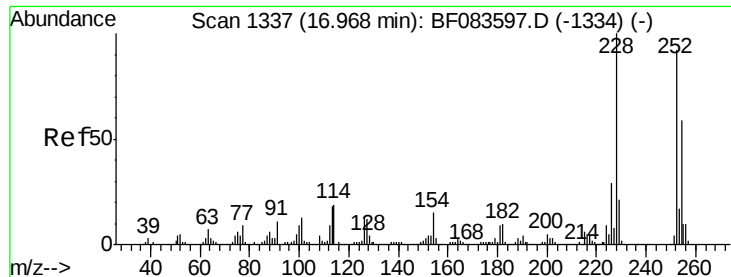
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#80
Benzo(a)anthracene
Concen: 46.08 ng
RT: 16.90 min Scan# 1331
Delta R.T. -0.08 min
Lab File: BF083692.D
Acq: 10 Dec 2015 23:01

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1025693		
226	27.2	22.3	33.5	
229	19.8	15.7	23.5	





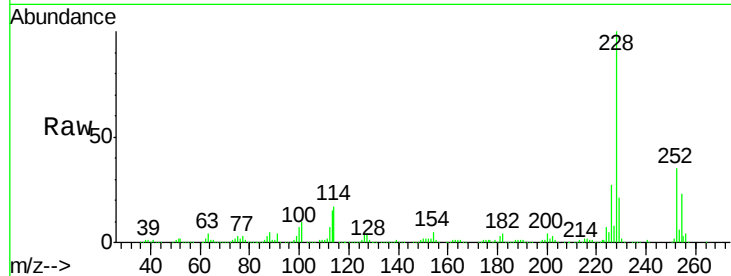
#81
 3,3'-Dichlorobenzidine
 Concen: 32.74 ng
 RT: 16.89 min Scan# 1330
 Delta R.T. -0.08 min
 Lab File: BF083692.D
 Acq: 10 Dec 2015 23:01

Instrument :
 BNA_F
 ClientSampleId :
 A8-4CMS

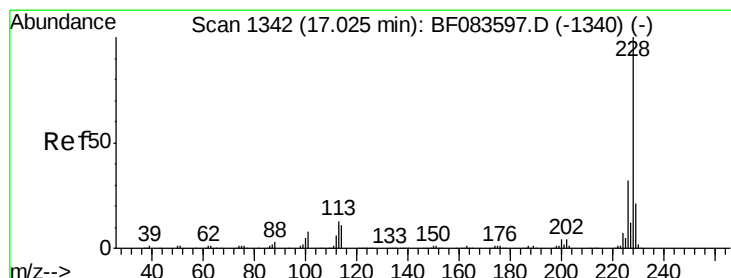
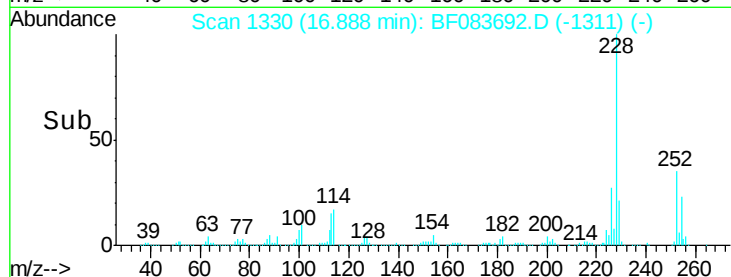
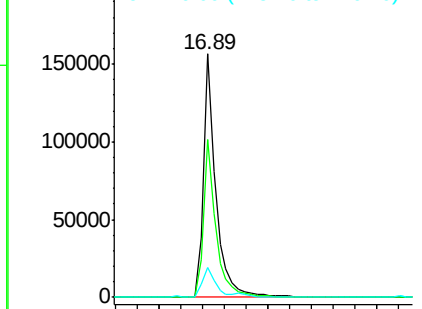
Tot Ion	Ratio	Resp	Lower	Upper
252	100	246202		
254	64.6	50.6	76.0	
126	12.5	11.0	16.4	

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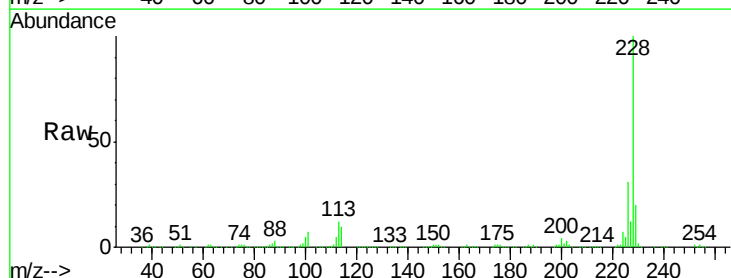


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

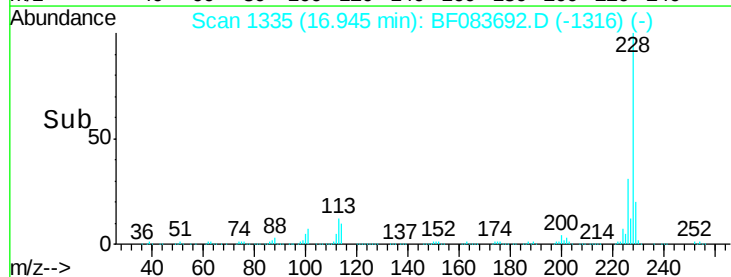
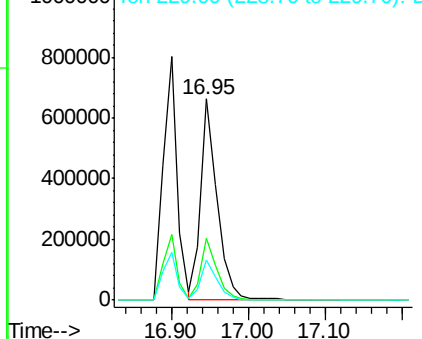


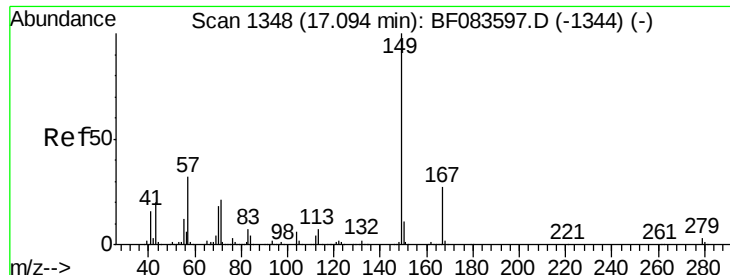
#82
 Chrysene
 Concen: 44.12 ng
 RT: 16.95 min Scan# 1335
 Delta R.T. -0.08 min
 Lab File: BF083692.D
 Acq: 10 Dec 2015 23:01

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	984473		
226	30.5	24.7	37.1	
229	19.9	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





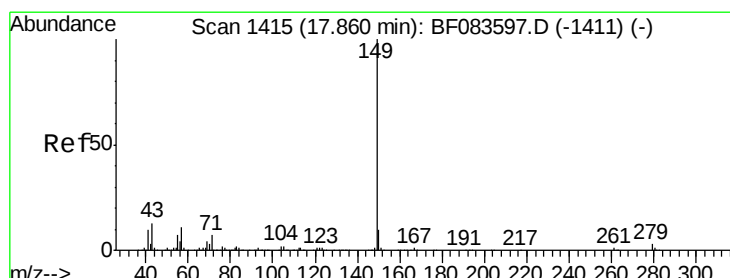
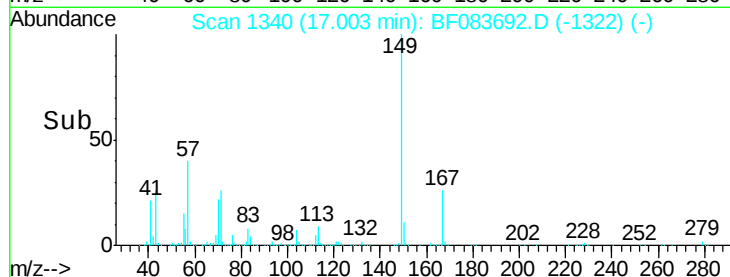
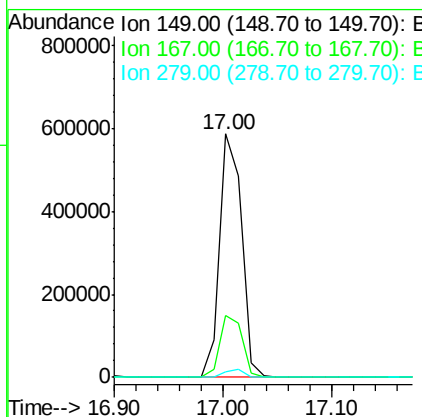
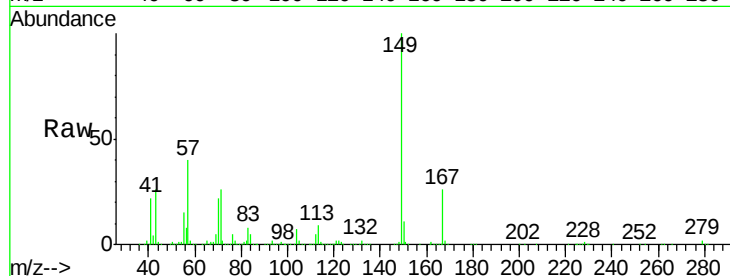
#83
Bis(2-ethylhexyl)phthalate
Concen: 49.01 ng
RT: 17.00 min Scan# 1340
Delta R.T. -0.09 min
Lab File: BF083692.D
Acq: 10 Dec 2015 23:01

Instrument :
BNA_F
ClientSampleId :
A8-4CMS

Tot Ion	Ratio	Lower	Upper
149	100		
167	25.7	21.8	32.8
279	2.3	3.0	4.4#

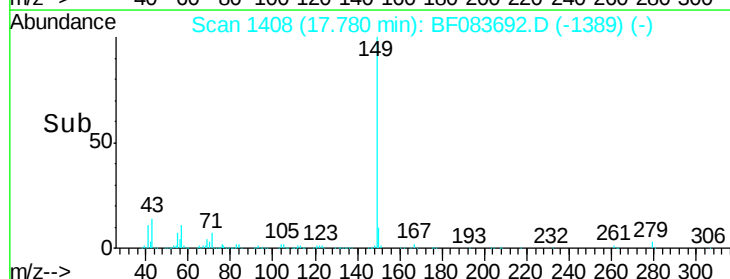
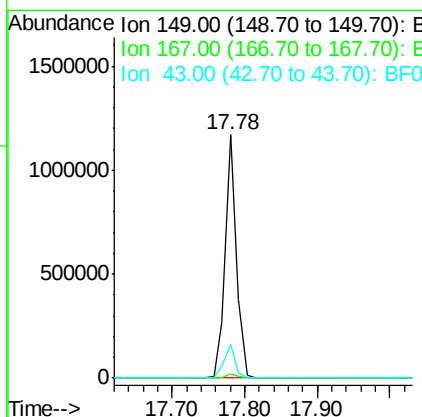
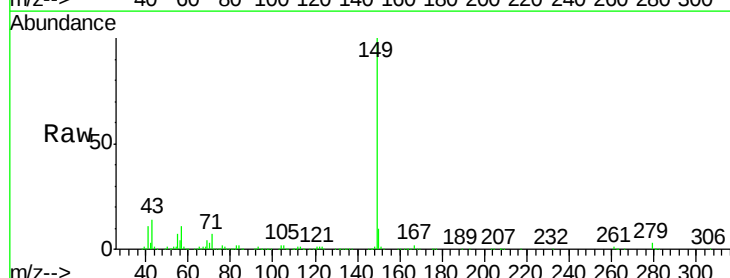
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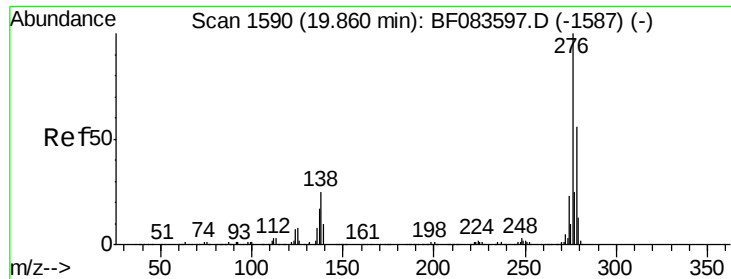
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#84
Di-n-octyl phthalate
Concen: 49.26 ng
RT: 17.78 min Scan# 1408
Delta R.T. -0.08 min
Lab File: BF083692.D
Acq: 10 Dec 2015 23:01

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	0.0	0.0#
43	13.4	0.0	0.0#





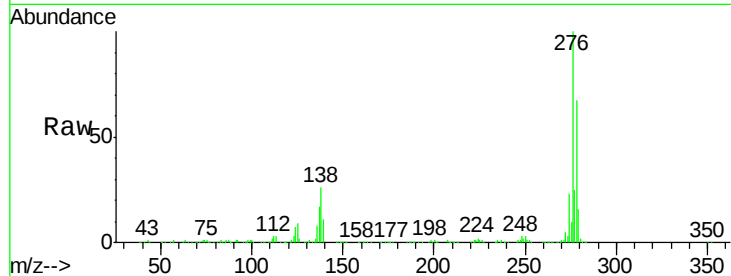
#85
Indeno(1,2,3-cd)pyrene
Concen: 55.61 ng
RT: 19.76 min Scan# 1581
Delta R.T. -0.10 min
Lab File: BF083692.D
Acq: 10 Dec 2015 23:01

Instrument :
BNA_F
ClientSampleId :
A8-4CMS

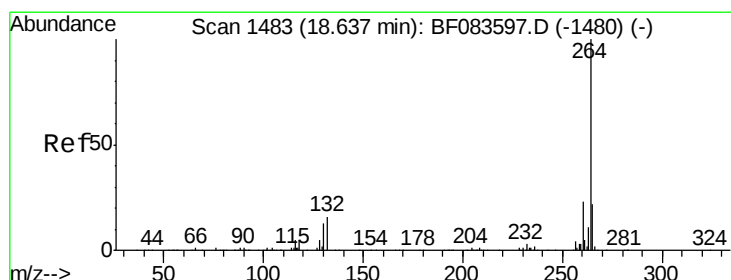
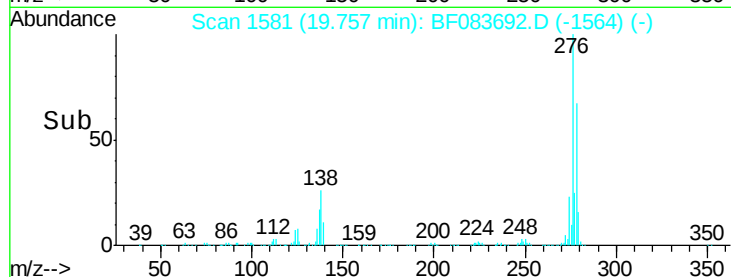
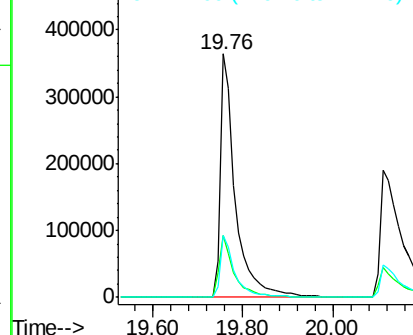
Tot Ion	Ratio	Resp	Lower	Upper
276	100	837602		
138	25.9	0.0	0.0	0.0
277	24.9	0.0	0.0	0.0

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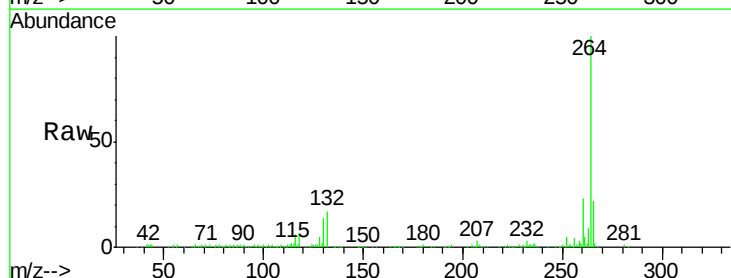


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

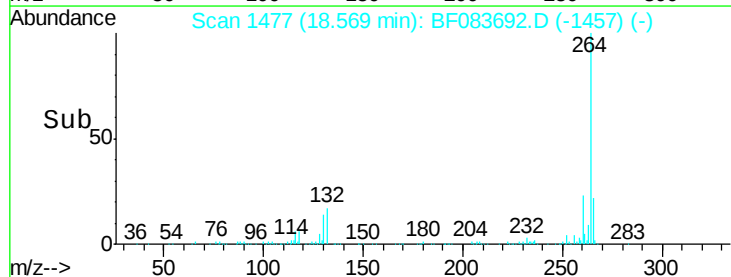
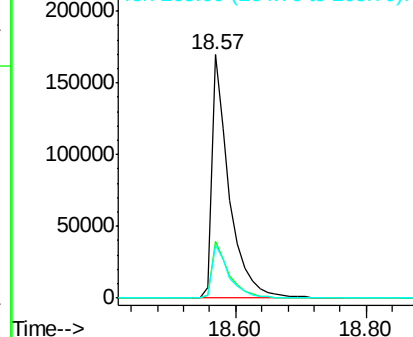


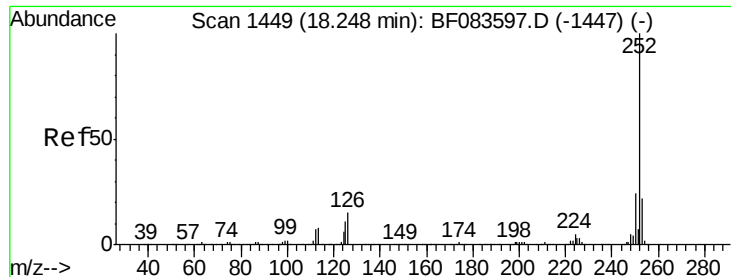
#86
Perylene-d12
Concen: 20.00 ng
RT: 18.57 min Scan# 1477
Delta R.T. -0.07 min
Lab File: BF083692.D
Acq: 10 Dec 2015 23:01

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	312612		
260	23.2	19.4	29.0	
265	21.7	17.8	26.6	



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 54.80 ng m

RT: 18.18 min Scan# 1443

Delta R.T. -0.07 min

Lab File: BF083692.D

Acq: 10 Dec 2015 23:01

Instrument :

BNA_F

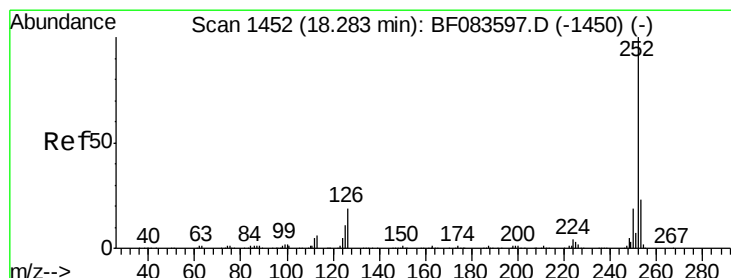
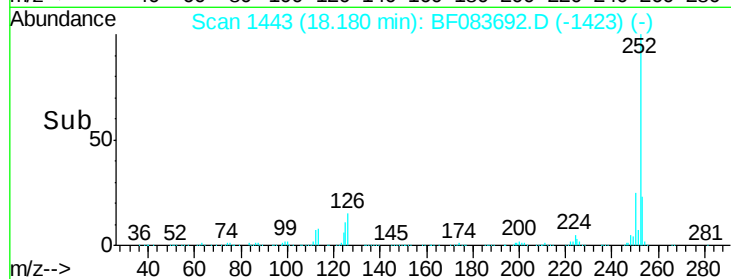
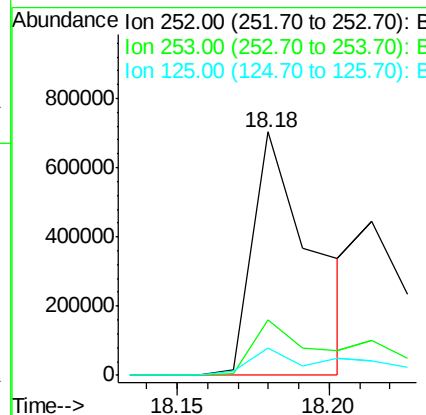
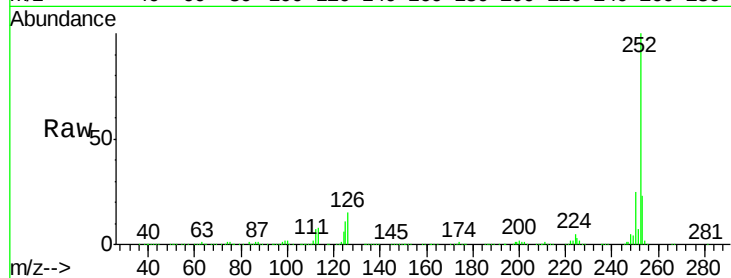
ClientSampleId :

A8-4CMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.4
125	11.1	8.2	12.4

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#88

Benzo(k)fluoranthene

Concen: 33.37 ng m

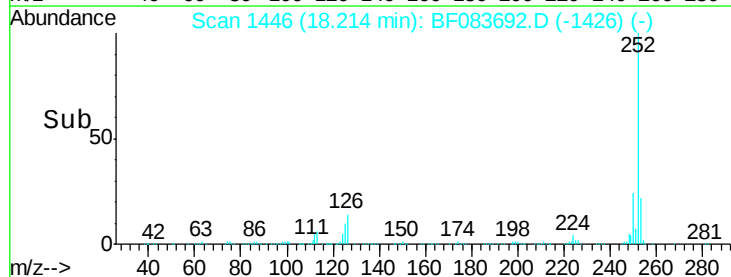
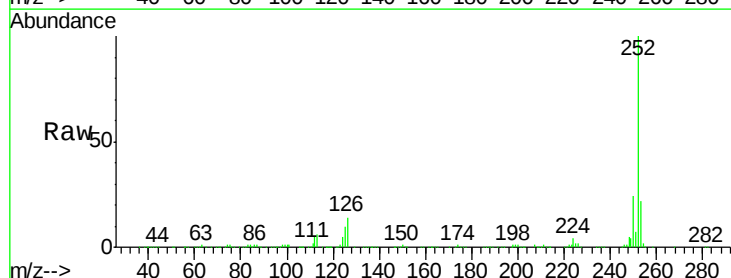
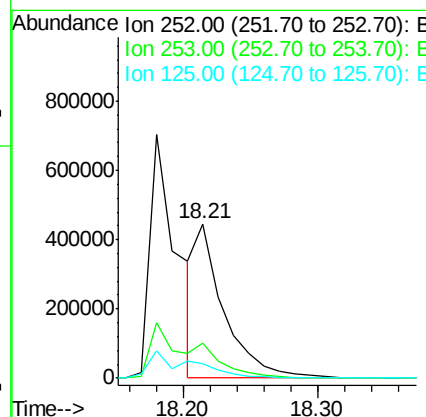
RT: 18.21 min Scan# 1446

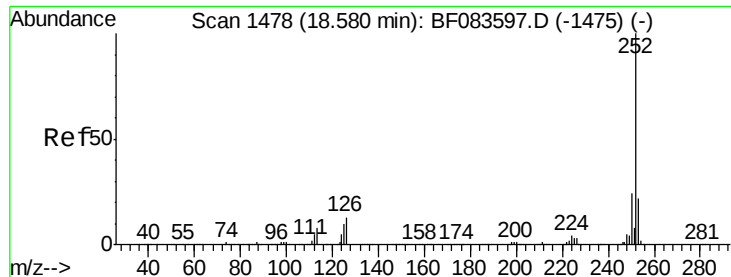
Delta R.T. -0.07 min

Lab File: BF083692.D

Acq: 10 Dec 2015 23:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.6	27.8
125	9.6	11.5	17.3#





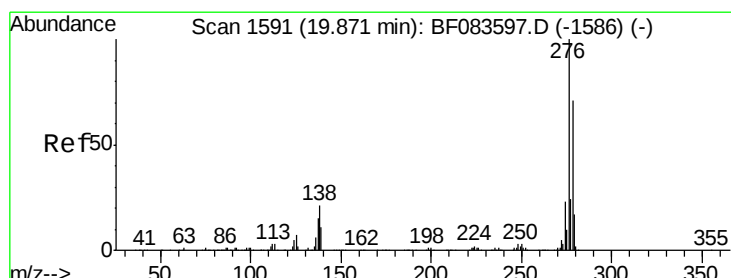
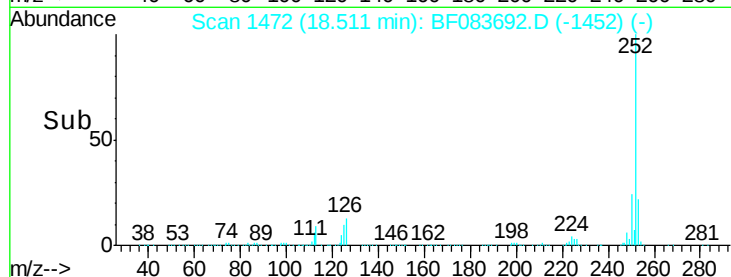
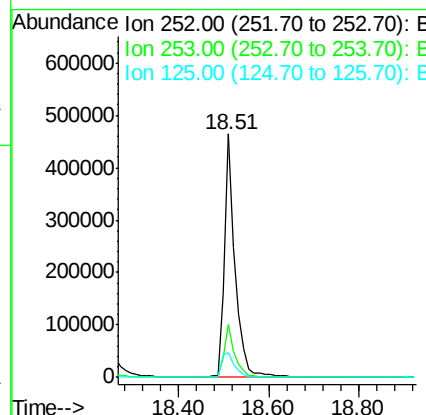
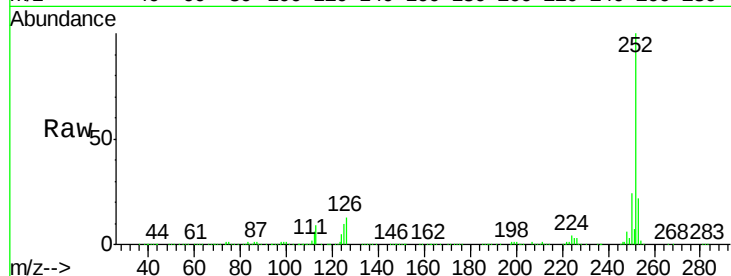
#89
Benzo(a)pyrene
Concen: 43.42 ng
RT: 18.51 min Scan# 1472
Delta R.T. -0.07 min
Lab File: BF083692.D
Acq: 10 Dec 2015 23:01

Instrument :
BNA_F
ClientSampleId :
A8-4CMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.5	26.3
125	10.4	11.0	16.6

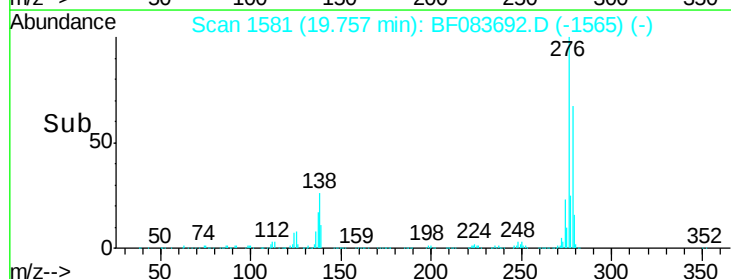
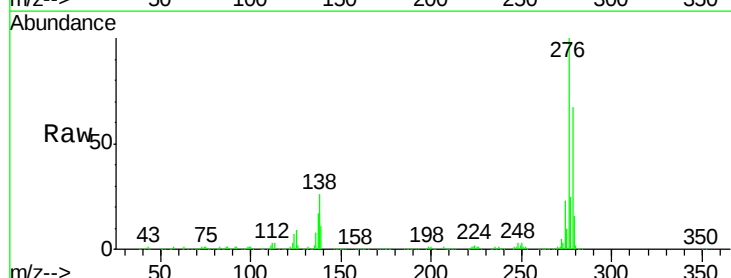
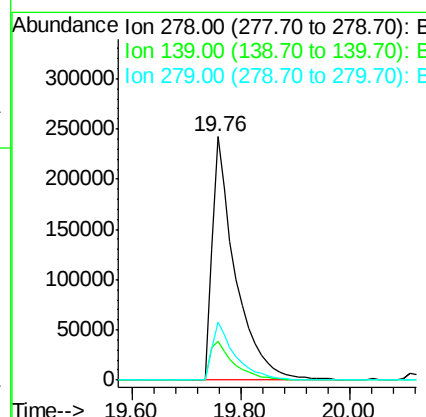
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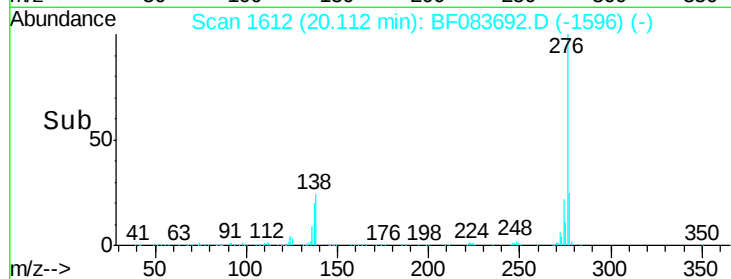
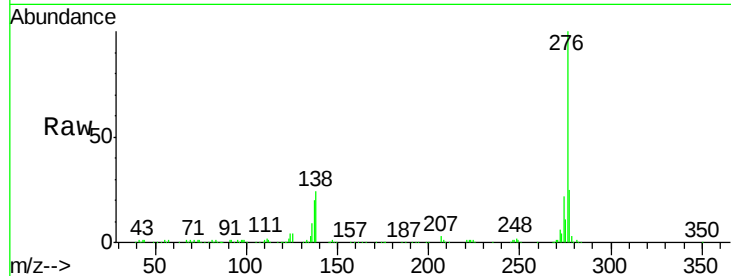
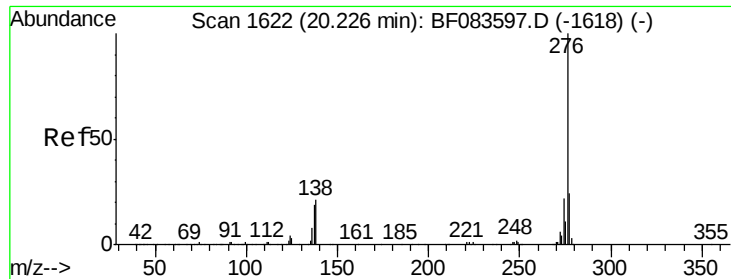
MMdadoda
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#90
Dibenzo(a,h)anthracene
Concen: 53.90 ng
RT: 19.76 min Scan# 1581
Delta R.T. -0.11 min
Lab File: BF083692.D
Acq: 10 Dec 2015 23:01

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.0	12.8	19.2
279	23.9	18.6	28.0





#91
 Benzo(a,h,i)perylene
 Concen: 52.99 ng
 RT: 20.11 min Scan# 1612
 Delta R.T. -0.11 min
 Lab File: BF083692.D
 Acq: 10 Dec 2015 23:01

Tot Ion:	276	Resp:	686160
Ion Ratio		Lower	Upper
276	100		
277	25.1	19.2	28.8
138	23.7	19.5	29.3

Instrument :
 BNA_F
 ClientSampleId :
 A8-4CMS

Manual Integrations
 APPROVED

MMdadoda
 12/11/2015 6:01:44 PM

