

Data Path : V:\HPCHEM1\BNA F\DATA\BF112115\
 Data File : BF083123.D
 Acq On : 21 Nov 2015 21:01
 Operator : UM/IZ
 Sample : PB86620BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86620BS

Manual Integrations
 APPROVED

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 11/23/2015 7:01:26 PM

Quant Time: Nov 22 09:34:31 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 22 09:22:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	194345	20.00	ng	-0.01
21) Naphthalene-d8	7.94	136	737177	20.00	ng	-0.01
38) Acenaphthene-d10	9.69	164	371745	20.00	ng	-0.01
63) Phenanthrene-d10	11.16	188	708271	20.00	ng	-0.01
75) Chrysene-d12	13.79	240	631167	20.00	ng	-0.01
86) Perylene-d12	15.15	264	552275	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.28	112	898260	69.88	ng	0.00
7) Phenol-d6	6.33	99	1201998	72.27	ng	-0.01
23) Nitrobenzene-d5	7.23	82	1096418	67.96	ng	0.00
41) 2,4,6-Tribromophenol	10.48	330	262099	68.92	ng	-0.01
44) 2-Fluorobiphenyl	9.03	172	1779570	66.75	ng	0.00
78) Terphenyl-d14	12.75	244	1780926	66.45	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.26	88	193499	30.39	ng	99
3) Pyridine	3.02	79	536317	31.89	ng	98
4) n-Nitrosodimethylamine	2.87	42	275147	35.47	ng	99
6) Aniline	6.33	93	425866	20.95	ng	# 66
8) 2-Chlorophenol	6.44	128	467398	33.65	ng	97
9) Benzaldehyde	6.20	77	247757	27.02	ng	98
10) Phenol	6.34	94	701435	34.86	ng	# 78
11) bis(2-Chloroethyl)ether	6.40	93	474830	33.05	ng	96
12) 1,3-Dichlorobenzene	6.59	146	529008m	33.36	ng	
13) 1,4-Dichlorobenzene	6.67	146	532738	33.21	ng	96
14) 1,2-Dichlorobenzene	6.82	146	452118	31.01	ng	94
15) Benzyl Alcohol	6.82	79	453290	32.61	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.95	45	787644	35.16	ng	99
17) 2-Methylphenol	6.95	107	410531	35.72	ng	96
18) Hexachloroethane	7.16	117	178596	31.61	ng	# 88
19) n-Nitroso-di-n-propylamine	7.10	70	394623	34.09	ng	# 89
20) 3+4-Methylphenols	7.11	107	539559	37.14	ng	97
22) Acetophenone	7.08	105	684216	32.33	ng	# 95
24) Nitrobenzene	7.24	77	544328	31.58	ng	100
25) Isophorone	7.51	82	1006656	32.96	ng	98
26) 2-Nitrophenol	7.56	139	241667	31.76	ng	90
27) 2,4-Dimethylphenol	7.62	122	414858	34.16	ng	99
28) bis(2-Chloroethoxy)methane	7.71	93	626170	35.26	ng	99
29) 2,4-Dichlorophenol	7.82	162	410285	35.52	ng	98
30) 1,2,4-Trichlorobenzene	7.88	180	410646	32.36	ng	97
31) Naphthalene	7.96	128	1324861	33.30	ng	99
32) Benzoic acid	7.78	122	303009	32.10	ng	97
33) 4-Chloroaniline	8.03	127	248012	16.07	ng	# 87
34) Hexachlorobutadiene	8.09	225	246792	32.91	ng	98
35) Caprolactam	8.43	113	136226	36.80	ng	# 85
36) 4-Chloro-3-methylphenol	8.54	107	467699	34.95	ng	98
37) 2-Methylnaphthalene	8.66	142	889752	34.46	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.82	216	377653	31.34	ng	# 98
40) Hexachlorocyclopentadiene	8.81	237	447307	65.29	ng	99

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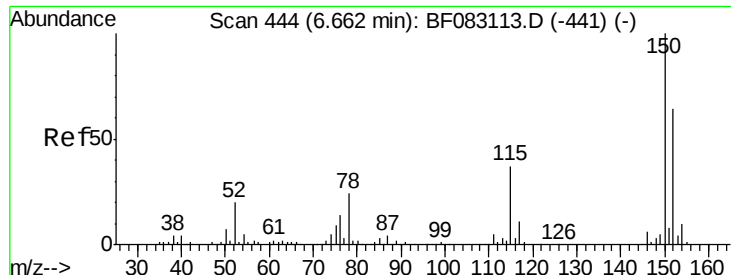
Manual Integrations
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Quant Time: Nov 22 09:34:31 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.95	196	306463	35.51	nq	98
43) 2,4,5-Trichlorophenol	8.99	196	313428	35.52	nq	# 93
45) 1,1'-Biphenyl	9.12	154	1024286	32.37	nq	97
46) 2-Chloronaphthalene	9.14	162	841846	33.87	nq	95
47) 2-Nitroaniline	9.26	65	304776	34.67	nq	# 63
48) Acenaphthylene	9.55	152	1264453	32.83	nq	98
49) Dimethylphthalate	9.44	163	1040834	36.37	nq	99
50) 2,6-Dinitrotoluene	9.50	165	225594	35.13	nq	# 60
51) Acenaphthene	9.72	154	770260	32.86	nq	100
52) 3-Nitroaniline	9.67	138	124775	18.22	nq	98
53) 2,4-Dinitrophenol	9.77	184	270182	73.03	nq	# 71
54) Dibenzofuran	9.90	168	1126513	33.99	nq	95
55) 4-Nitrophenol	9.85	139	323598	61.64	nq	94
56) 2,4-Dinitrotoluene	9.90	165	306170	37.63	nq	# 82
57) Fluorene	10.24	166	913728	33.36	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.02	232	257489	35.57	nq	99
59) Diethylphthalate	10.14	149	1028093	36.09	nq	98
60) 4-Chlorophenyl-phenylether	10.24	204	449274	35.81	nq	# 85
61) 4-Nitroaniline	10.27	138	219113	32.50	nq	88
62) Azobenzene	10.40	77	1196794	36.81	nq	89
64) 4,6-Dinitro-2-methylphenol	10.30	198	170340	34.90	nq	79
65) n-Nitrosodiphenylamine	10.35	169	808847	33.58	nq	99
66) 4-Bromophenyl-phenylether	10.72	248	265008	33.72	nq	# 81
67) Hexachlorobenzene	10.79	284	308608	35.66	nq	# 83
68) Atrazine	10.90	200	291454	41.66	nq	99
69) Pentachlorophenol	10.98	266	372787	66.13	nq	100
70) Phenanthrene	11.20	178	1416732	34.72	nq	98
71) Anthracene	11.24	178	1464934	35.19	nq	99
72) Carbazole	11.40	167	1216573	32.88	nq	99
73) Di-n-butylphthalate	11.75	149	1537432	34.04	nq	100
74) Fluoranthene	12.38	202	1555174	37.24	nq	96
76) Benzidine	12.51	184	548859	33.18	nq	99
77) Pyrene	12.59	202	1513989	35.11	nq	99
79) Butylbenzylphthalate	13.23	149	673611	33.01	nq	90
80) Benzo(a)anthracene	13.78	228	1362428	34.90	nq	98
81) 3,3'-Dichlorobenzidine	13.76	252	355065	26.13	nq	# 99
82) Chrysene	13.82	228	1208067	33.37	nq	98
83) Bis(2-ethylhexyl)phthalate	13.81	149	964441	36.18	nq	# 95
84) Di-n-octyl phthalate	14.41	149	1648741	35.93	nq	99
85) Indeno(1,2,3-cd)pyrene	16.42	276	1088883	33.07	nq	99
87) Benzo(b)fluoranthene	14.79	252	1190965m	31.56	nq	
88) Benzo(k)fluoranthene	14.81	252	1022420m	36.37	nq	
89) Benzo(a)pyrene	15.11	252	1064644	34.17	nq	# 98
90) Dibenzo(a,h)anthracene	16.43	278	920495	32.53	nq	# 97
91) Benzo(g,h,i)perylene	16.80	276	915667	33.14	nq	# 95

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



#1

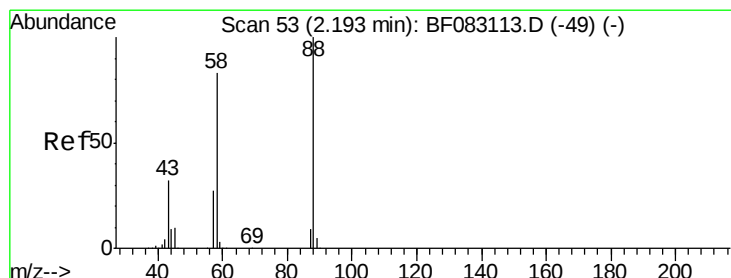
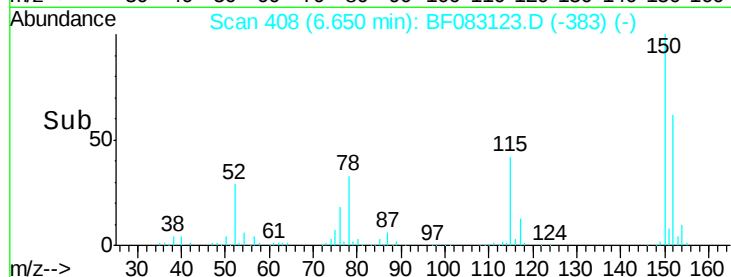
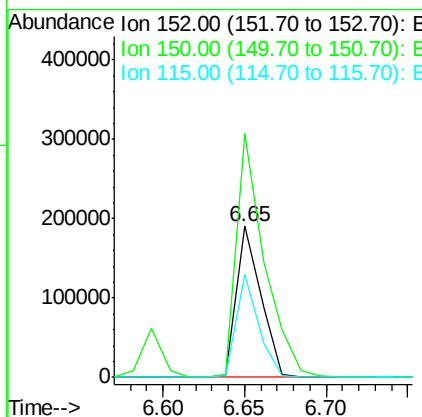
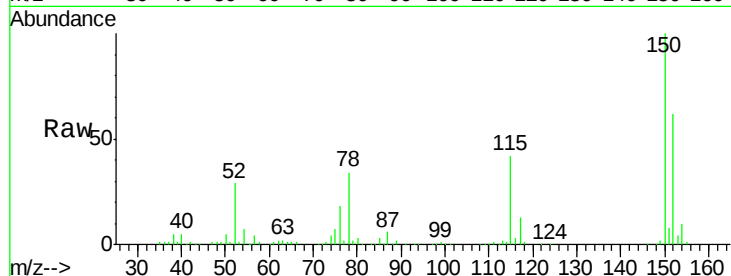
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.65 min Scan# 408
Delta R.T. -0.01 min
Lab File: BF083123.D
Acq: 21 Nov 2015 21:01

Instrument :
BNA_F
ClientSampleId :
PB86620BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.4	125.8	188.8
115	68.3	46.9	70.3

Manual Integrations
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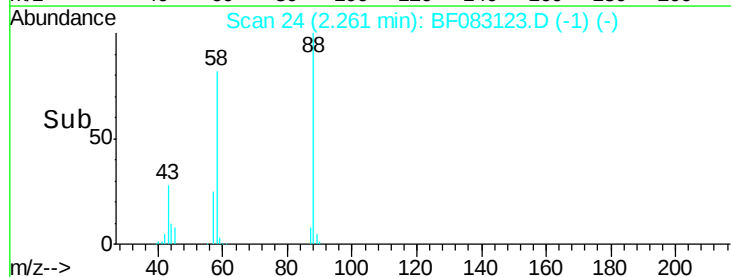
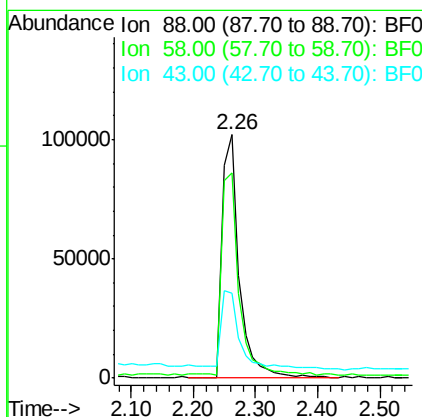
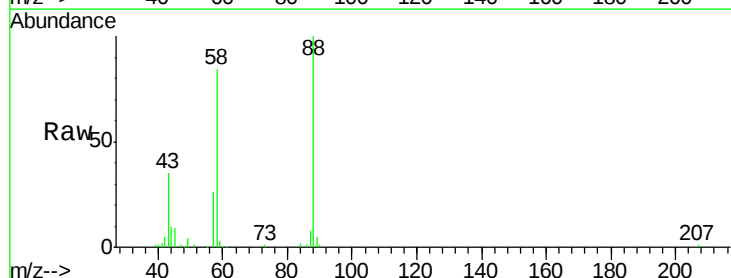
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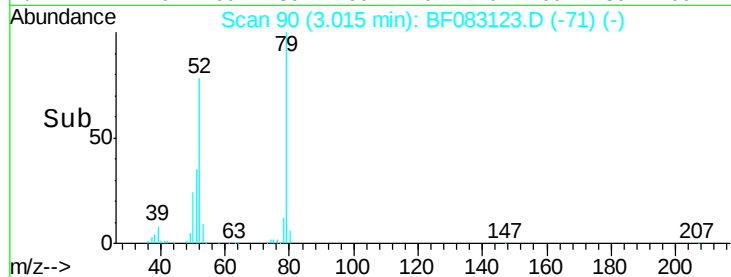
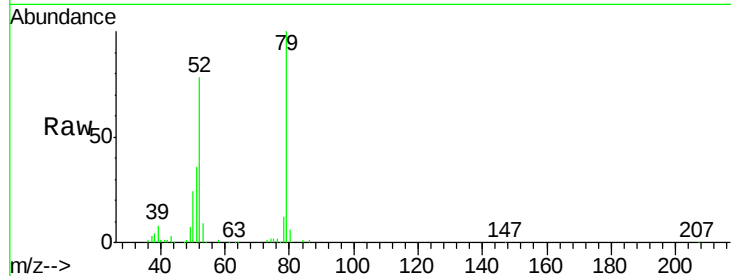
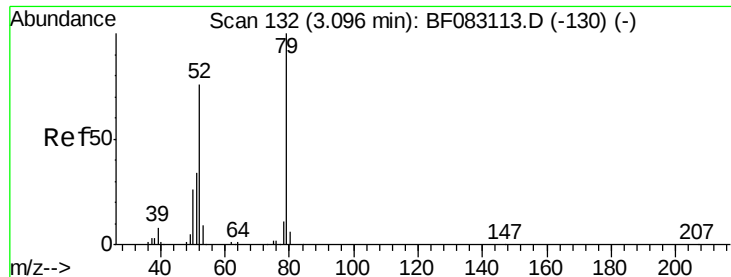


#2

1,4-Dioxane
Concen: 30.39 ng
RT: 2.26 min Scan# 24
Delta R.T. 0.07 min
Lab File: BF083123.D
Acq: 21 Nov 2015 21:01

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.4	65.0	97.6
43	31.9	24.7	37.1





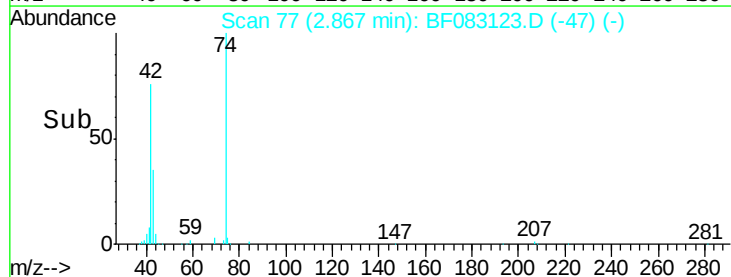
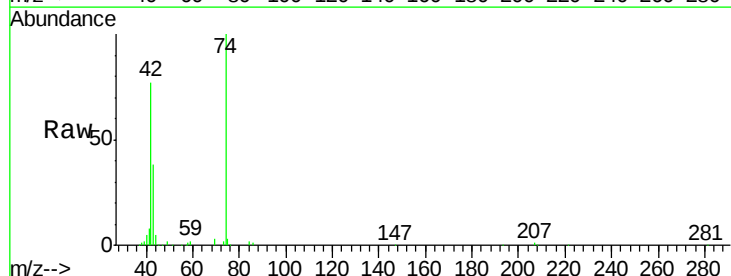
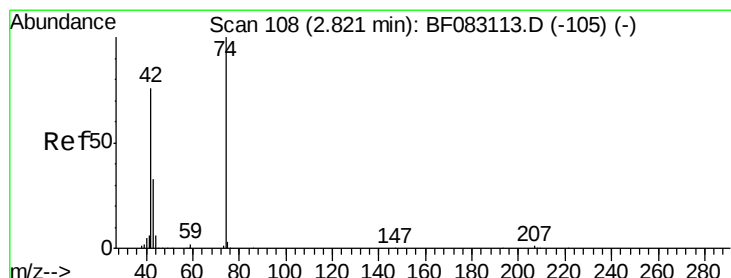
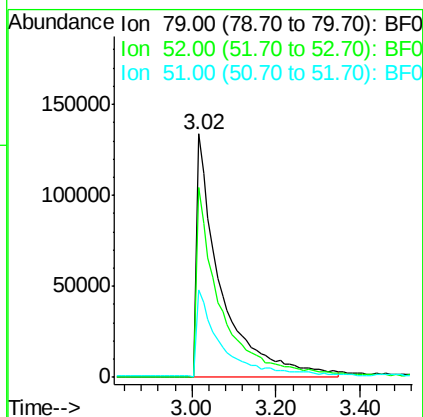
#3
 Pvridine
 Concen: 31.89 ng
 RT: 3.02 min Scan# 90
 Delta R.T. -0.08 min
 Lab File: BF083123.D
 Acq: 21 Nov 2015 21:01

Tot Ion:	79	Resp:	536317
Ion Ratio	Lower	Upper	
79	100		
52	77.9	60.7	91.1
51	35.9	27.9	41.9

Instrument :
 BNA_F
 ClientSampleId :
 PB86620BS

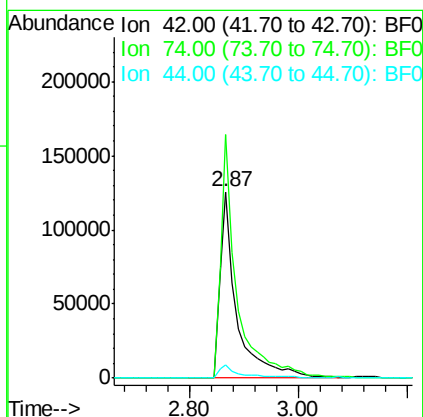
Manual Integrations
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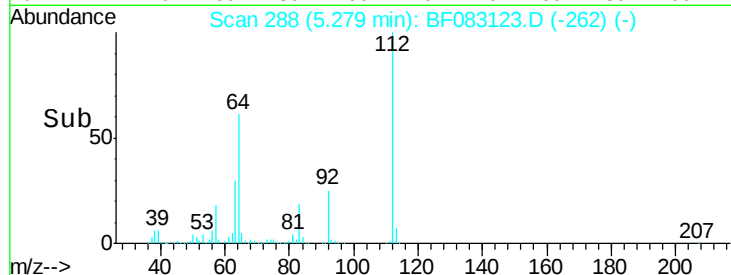
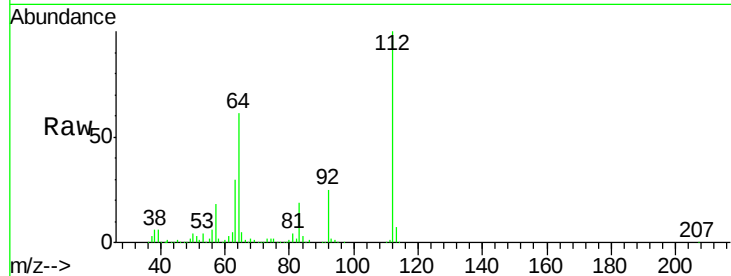
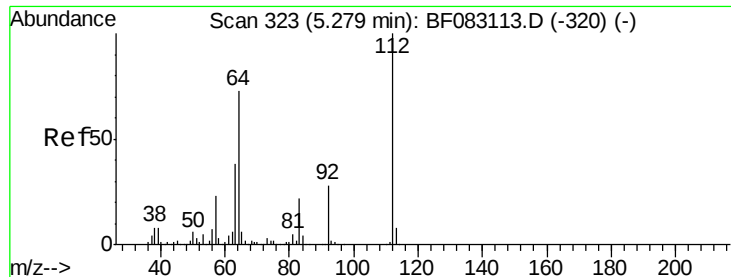
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#4
 n-Nitrosodimethylamine
 Concen: 35.47 ng
 RT: 2.87 min Scan# 77
 Delta R.T. 0.05 min
 Lab File: BF083123.D
 Acq: 21 Nov 2015 21:01

Tgt Ion:	42	Resp:	275147
Ion Ratio	Lower	Upper	
42	100		
74	130.5	104.8	157.2
44	6.9	6.2	9.4





#5

2-Fluorophenol

Concen: 69.88 ng

RT: 5.28 min Scan# 288

Delta R.T. 0.00 min

Lab File: BF083123.D

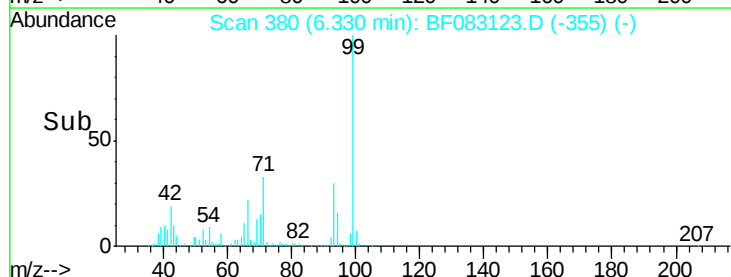
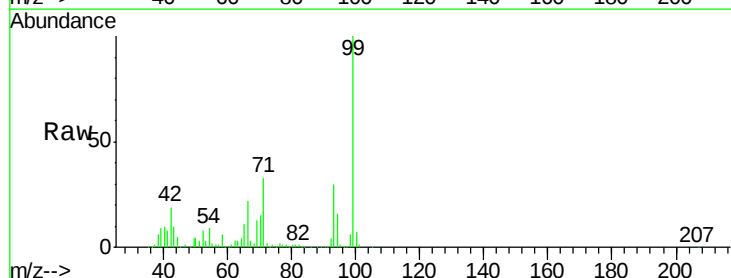
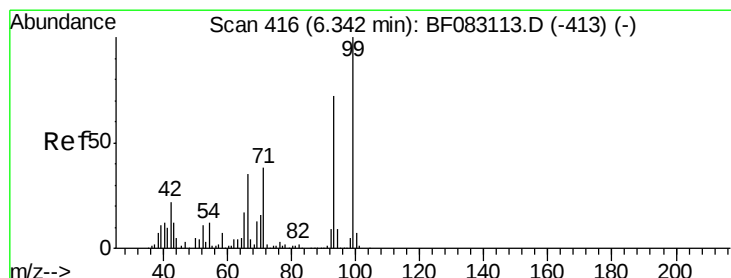
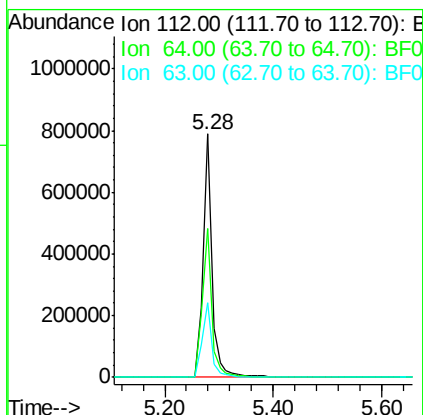
Acq: 21 Nov 2015 21:01

Tot Ion:	112	Resp:	898260
Ion Ratio	Lower	Upper	
112	100		
64	61.0	58.4	87.6
63	30.4	30.0	45.0

Instrument :
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ClientSampleId :
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Manual Integrations
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#6

Aniline

Concen: 20.95 ng

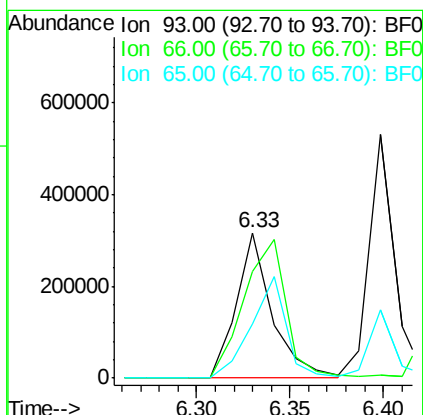
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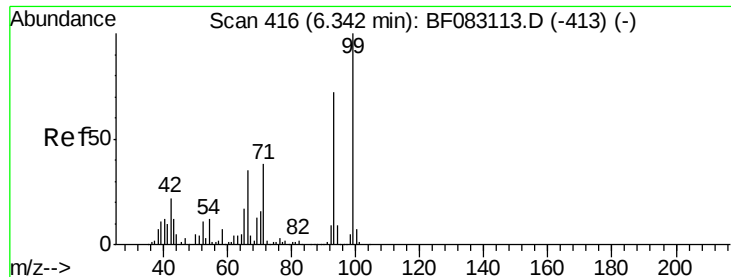
Delta R.T. -0.01 min

Lab File: BF083123.D

Acq: 21 Nov 2015 21:01

Tgt Ion:	93	Resp:	425866
Ion Ratio	Lower	Upper	
93	100		
66	73.2	38.7	58.1#
65	37.4	18.6	27.8#





#7

Phenol-d6

Concen: 72.27 ng

RT: 6.33 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF083123.D

Acq: 21 Nov 2015 21:01

Instrument :

BNA_F

ClientSampleId :

PB86620BS

Tot Ion: 99 Resp: 1201998

Ion	Ratio	Lower	Upper
99	100		
42	18.8	17.7	26.5
71	33.2	30.2	45.4

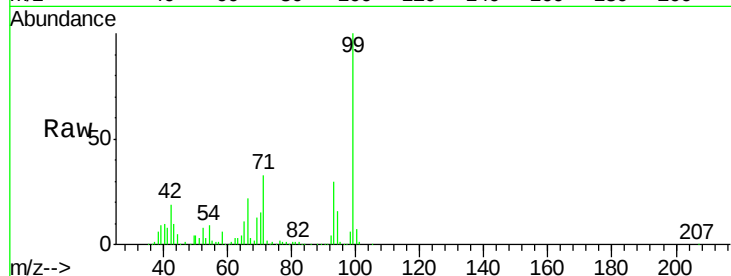
99 100

42 18.8 17.7 26.5

71 33.2 30.2 45.4

Manual Integrations
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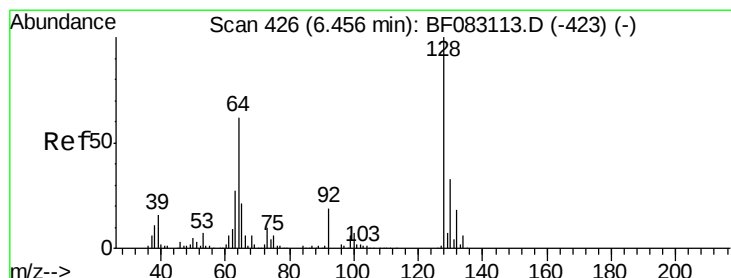
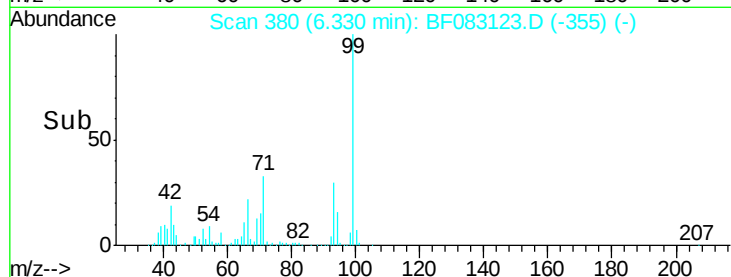
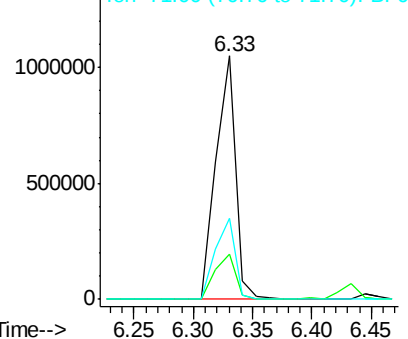
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 33.65 ng

RT: 6.44 min Scan# 390

Delta R.T. -0.01 min

Lab File: BF083123.D

Acq: 21 Nov 2015 21:01

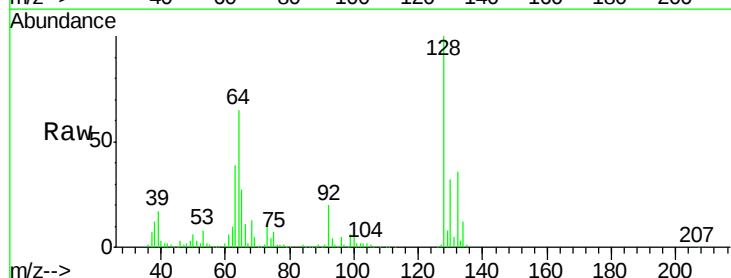
Tgt Ion:128 Resp: 467398

Ion	Ratio	Lower	Upper
128	100		
130	32.0	12.6	52.6
64	64.6	41.9	81.9

128 100

130 32.0 12.6 52.6

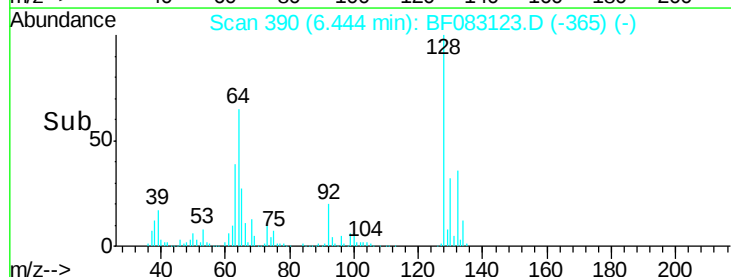
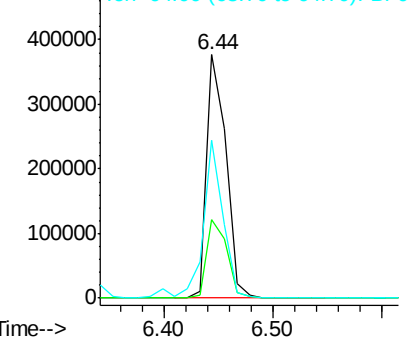
64 64.6 41.9 81.9

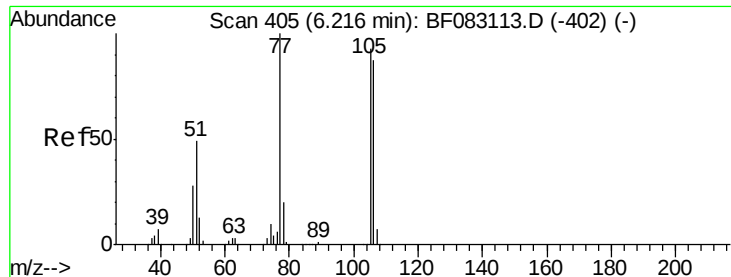


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 27.02 ng

RT: 6.20 min Scan# 369

Delta R.T. -0.01 min

Lab File: BF083123.D

Acq: 21 Nov 2015 21:01

Instrument :

BNA_F

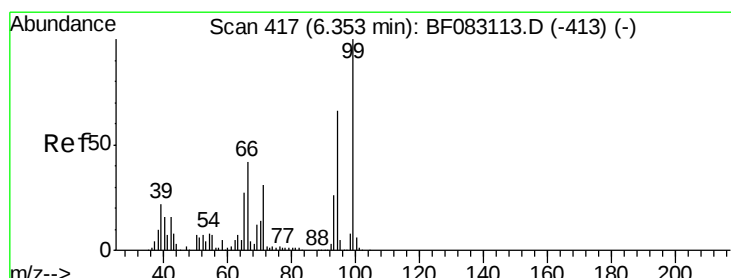
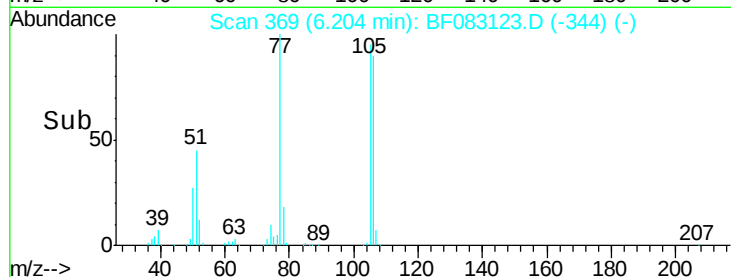
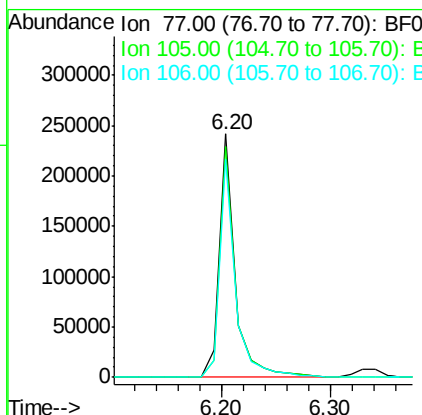
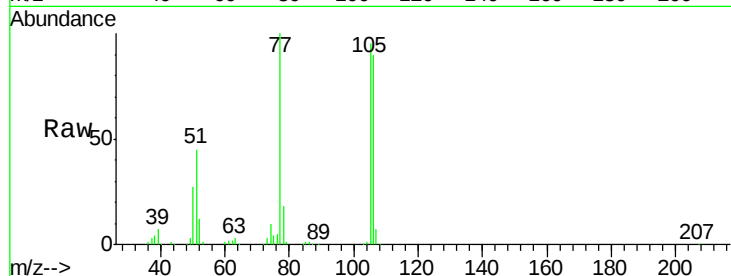
ClientSampleId :

PB86620BS

Tot Ion:	77	Resp:	247757
Ion Ratio	Lower	Upper	
77	100		
105	95.0	73.4	113.4
106	89.7	67.5	107.5

Manual Integrations
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#10

Phenol

Concen: 34.86 ng

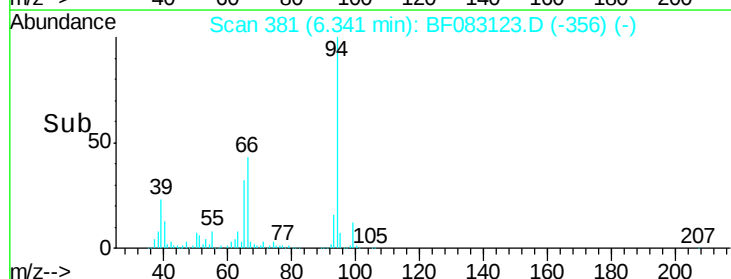
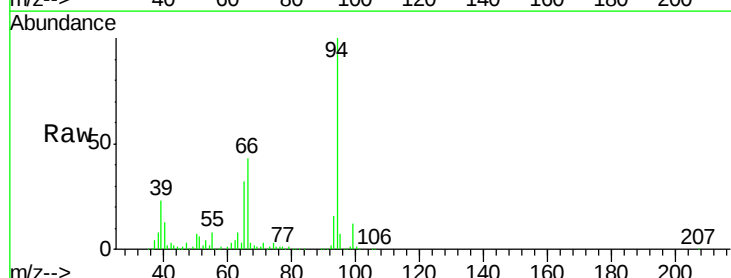
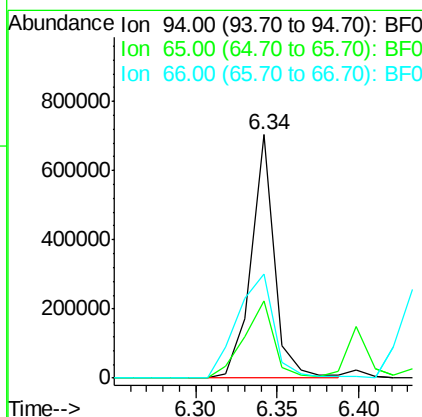
RT: 6.34 min Scan# 381

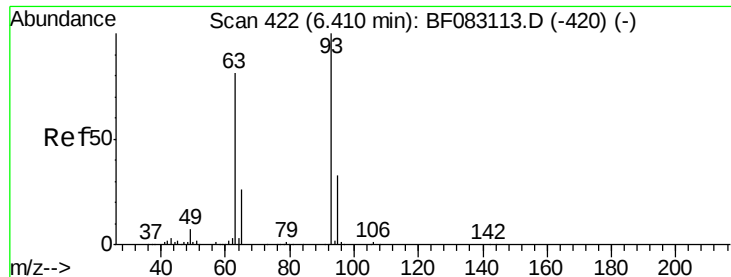
Delta R.T. -0.01 min

Lab File: BF083123.D

Acq: 21 Nov 2015 21:01

Tgt Ion:	94	Resp:	701435
Ion Ratio	Lower	Upper	
94	100		
65	31.5	21.1	61.1
66	42.7	43.1	83.1#





#11

bis(2-Chloroethyl)ether

Concen: 33.05 ng

RT: 6.40 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF083123.D

Acq: 21 Nov 2015 21:01

Instrument :

BNA_F

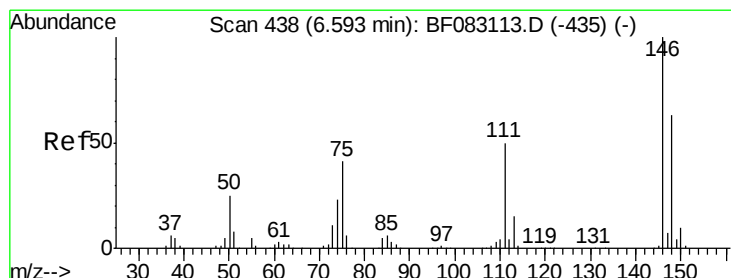
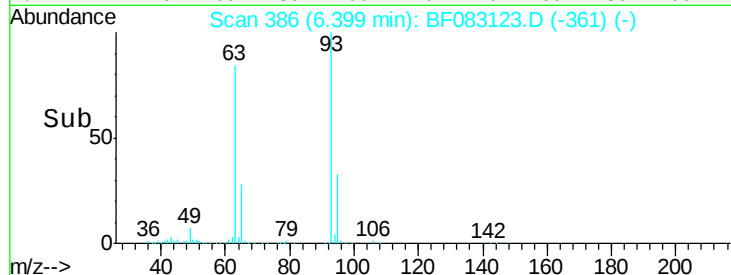
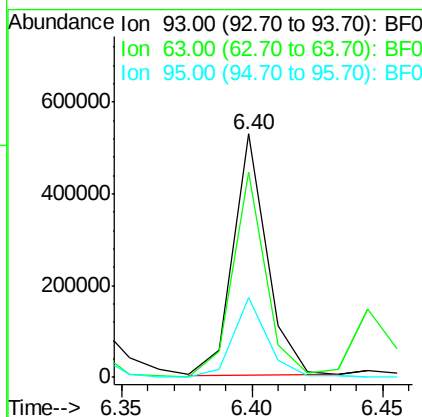
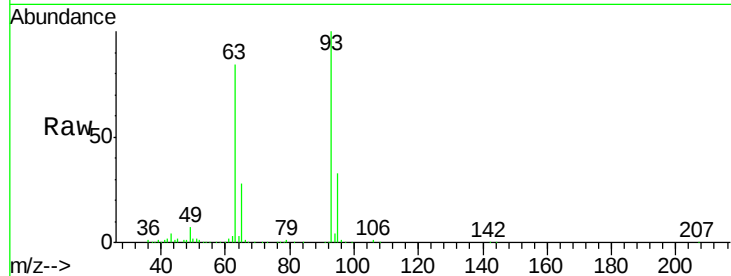
ClientSampleId :

PB86620BS

Tot Ion:	93	Resp:	474830
Ion Ratio	Lower	Upper	
93	100		
63	84.3	59.8	99.8
95	32.9	13.0	53.0

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#12

1,3-Dichlorobenzene

Concen: 33.36 ng m

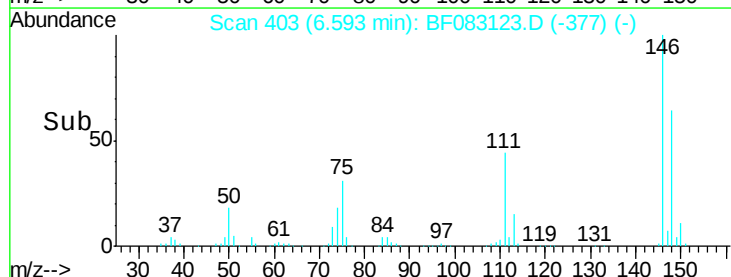
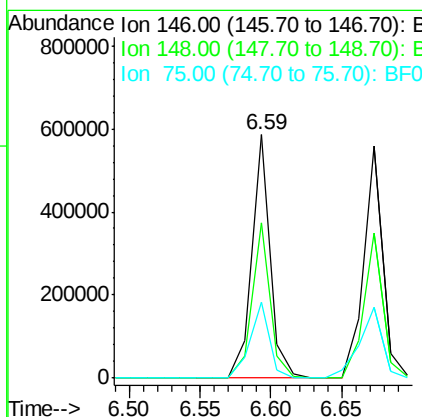
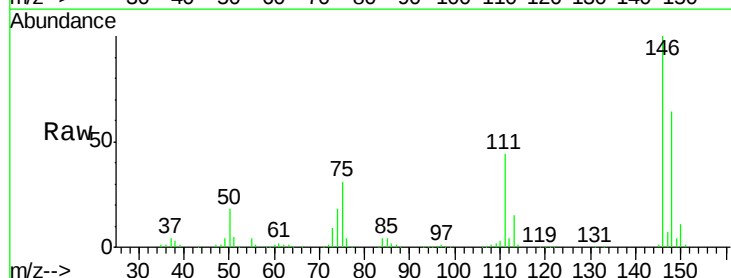
RT: 6.59 min Scan# 403

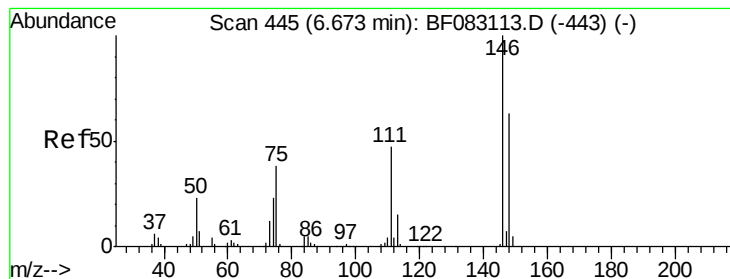
Delta R.T. -0.00 min

Lab File: BF083123.D

Acq: 21 Nov 2015 21:01

Tgt Ion:	146	Resp:	529008
Ion Ratio	Lower	Upper	
146	100		
148	63.5	50.2	75.2
75	31.5	32.7	49.1#





#13

1,4-Dichlorobenzene

Concen: 33.21 ng

RT: 6.67 min Scan# 410

Delta R.T. -0.00 min

Lab File: BF083123.D

Acq: 21 Nov 2015 21:01

Instrument :

BNA_F

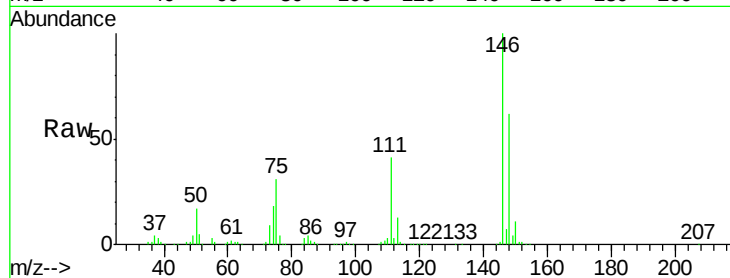
ClientSampleId :

PB86620BS

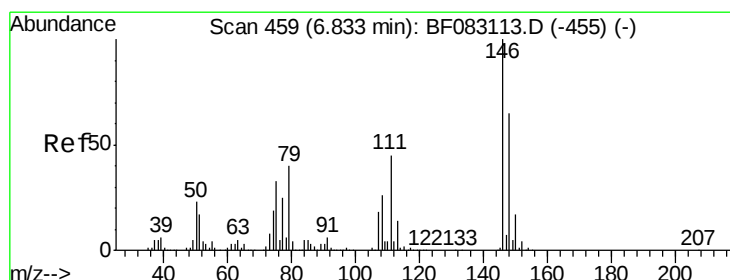
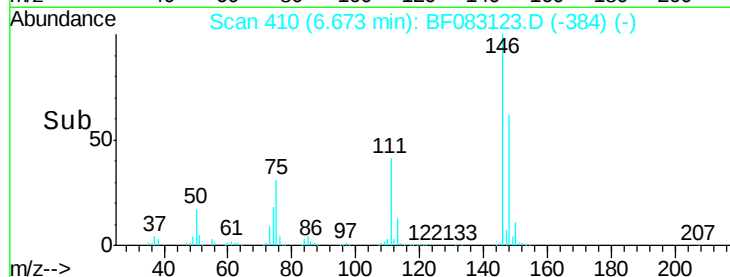
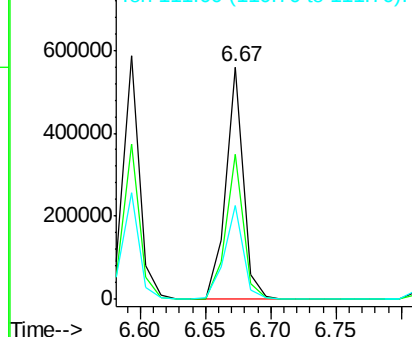
Tot Ion:	146	Resp:	532738
Ion Ratio	Lower	Upper	
146	100		
148	62.4	50.2	75.2
111	40.5	37.5	56.3

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



#14

1,2-Dichlorobenzene

Concen: 31.01 ng

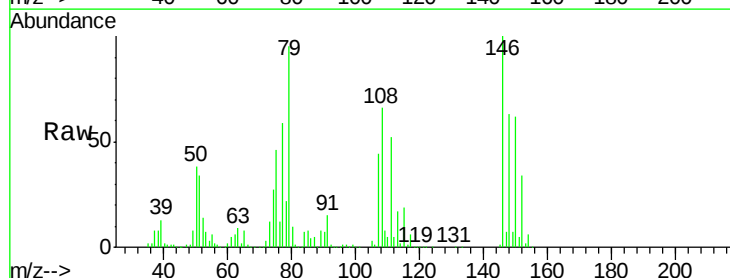
RT: 6.82 min Scan# 423

Delta R.T. -0.01 min

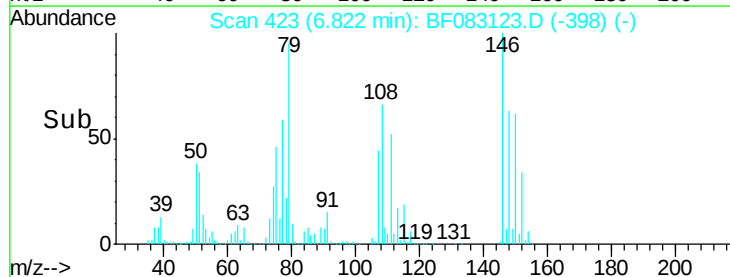
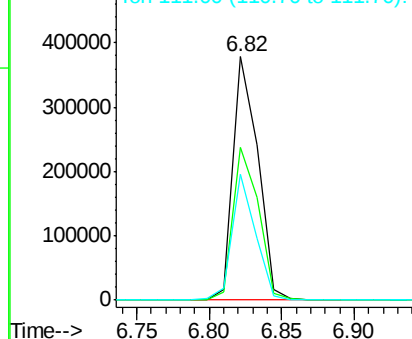
Lab File: BF083123.D

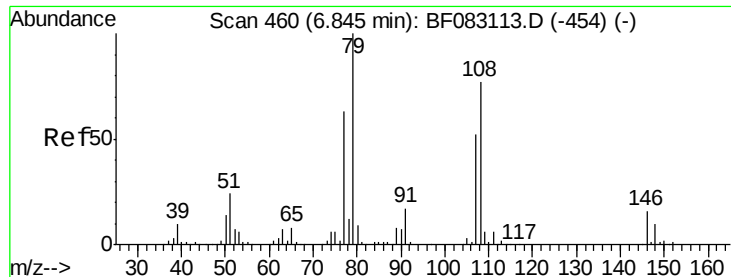
Acq: 21 Nov 2015 21:01

Tgt Ion:	146	Resp:	452118
Ion Ratio	Lower	Upper	
146	100		
148	62.8	51.8	77.6
111	51.8	36.2	54.4



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





#15

Benzyl Alcohol

Concen: 32.61 ng

RT: 6.82 min Scan# 423

Delta R.T. -0.02 min

Lab File: BF083123.D

Acq: 21 Nov 2015 21:01

Instrument :

BNA_F

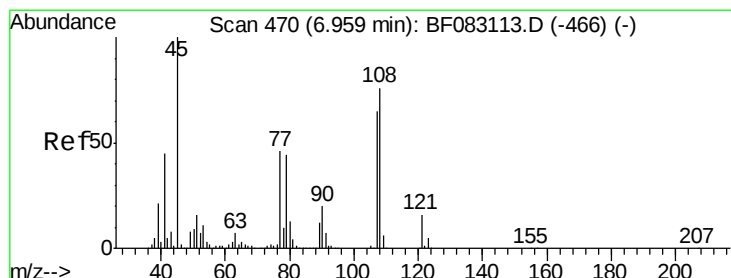
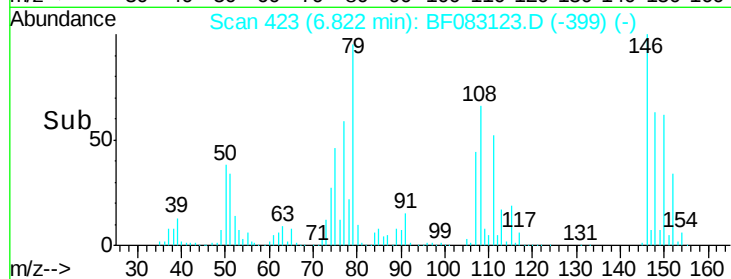
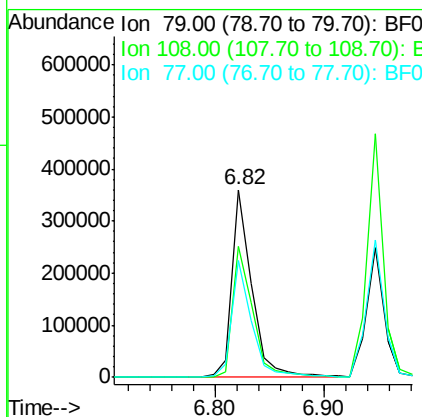
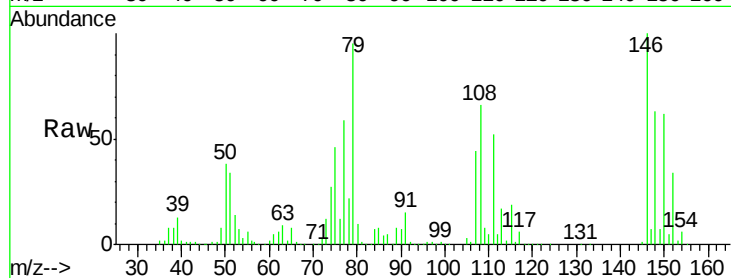
ClientSampleId :

PB86620BS

Tot Ion:	79	Resp:	453290
Ion Ratio	Lower	Upper	
79	100		
108	69.8	61.4	92.2
77	62.5	50.5	75.7

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.16 ng

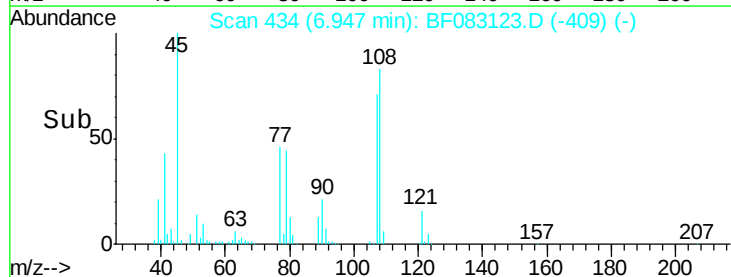
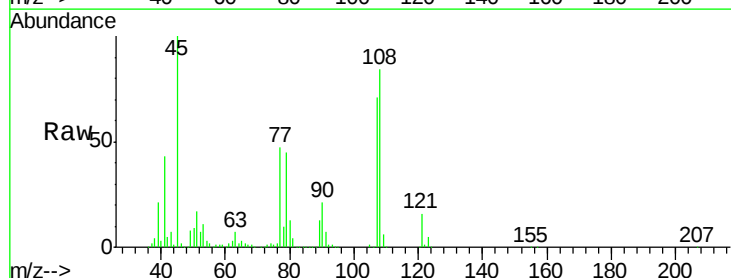
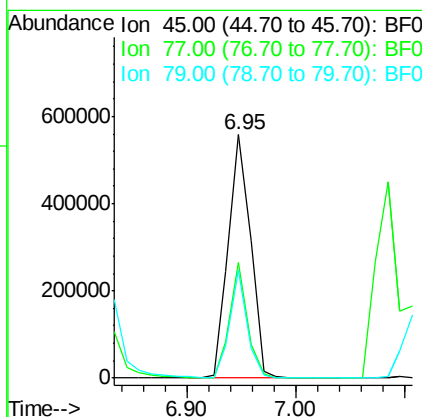
RT: 6.95 min Scan# 434

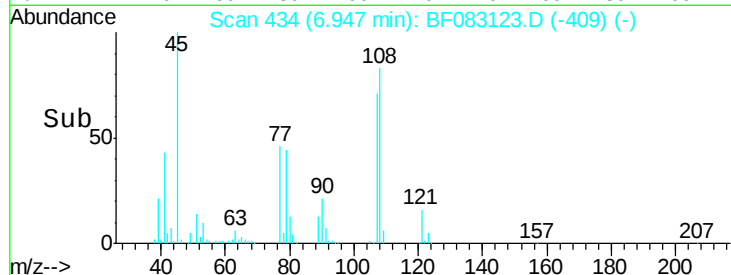
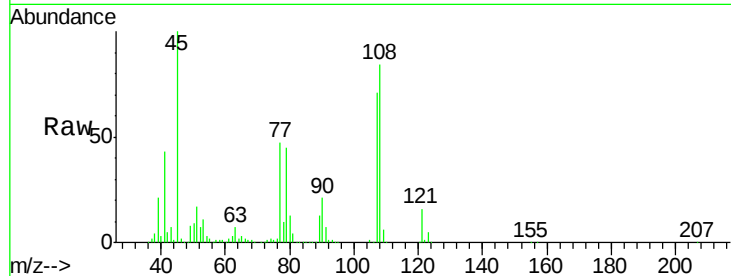
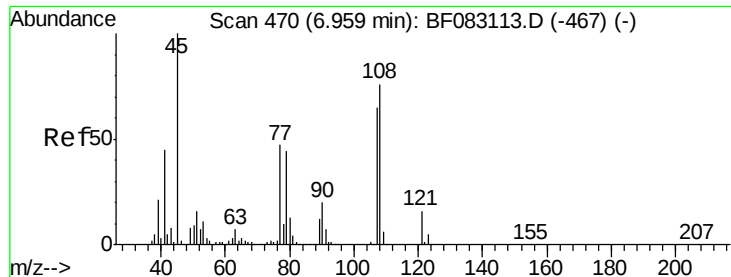
Delta R.T. -0.01 min

Lab File: BF083123.D

Acq: 21 Nov 2015 21:01

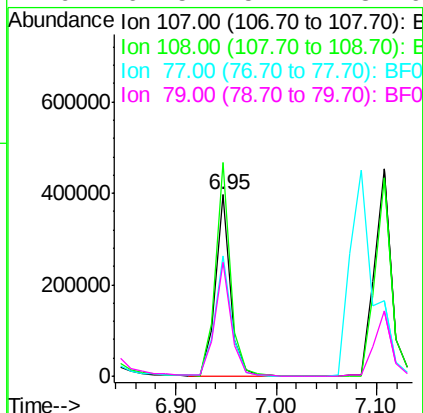
Tgt Ion:	45	Resp:	787644
Ion Ratio	Lower	Upper	
45	100		
77	47.2	26.7	66.7
79	44.5	24.3	64.3





#17
2-Methylphenol
Concen: 35.72 ng
RT: 6.95 min Scan# 434
Delta R.T. -0.01 min
Lab File: BF083123.D
Acq: 21 Nov 2015 21:01

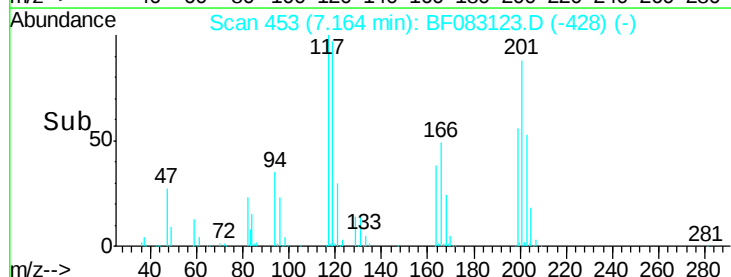
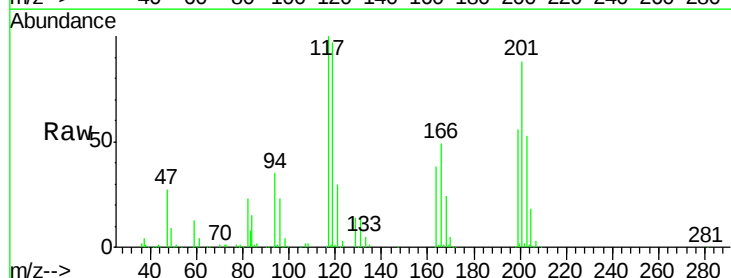
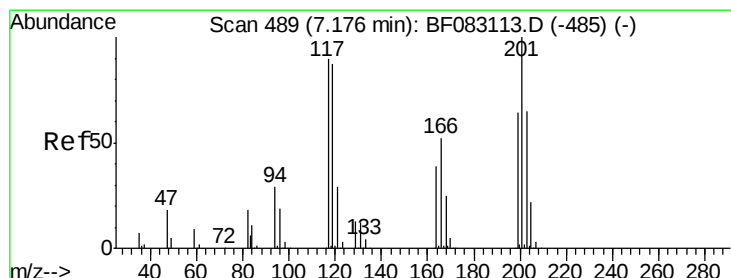
Tot Ion	Ion	Ratio	Resp	Lower	Upper
410531	107	100			
	108	117.6	93.8	140.6	
	77	66.3	57.4	86.0	
	79	62.5	54.4	81.6	



Instrument :
BNA_F
ClientSampleId :
PB86620BS

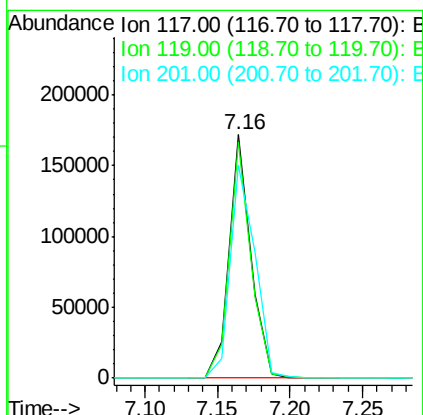
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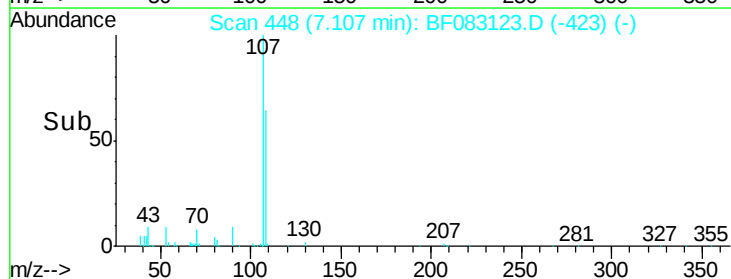
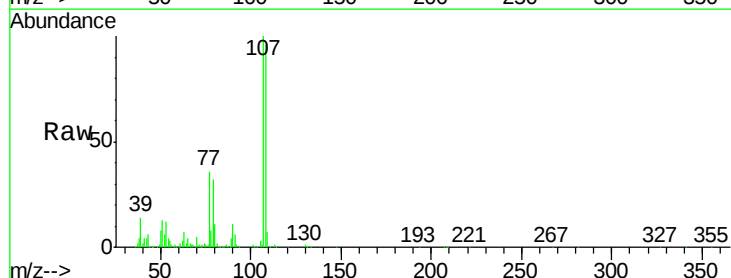
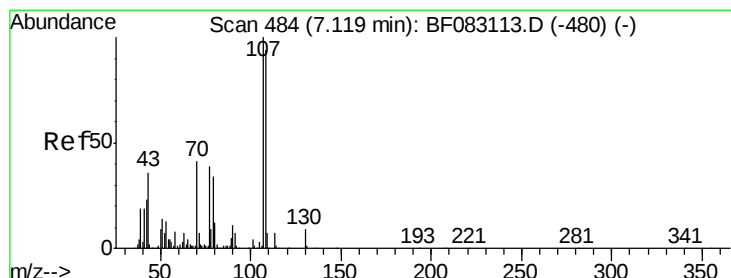
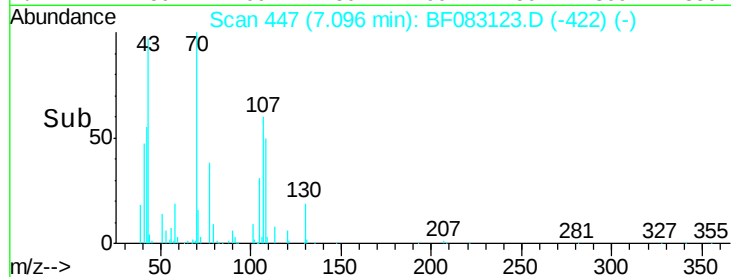
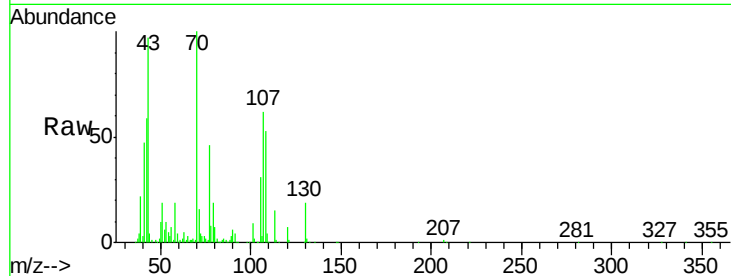
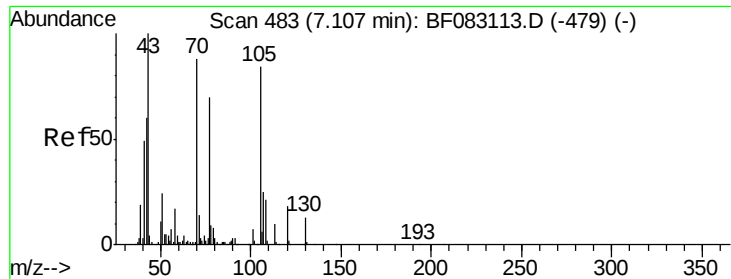
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#18
Hexachloroethane
Concen: 31.61 ng
RT: 7.16 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF083123.D
Acq: 21 Nov 2015 21:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
178596	117	100			
	119	97.1	76.8	115.2	
	201	87.6	88.6	133.0#	





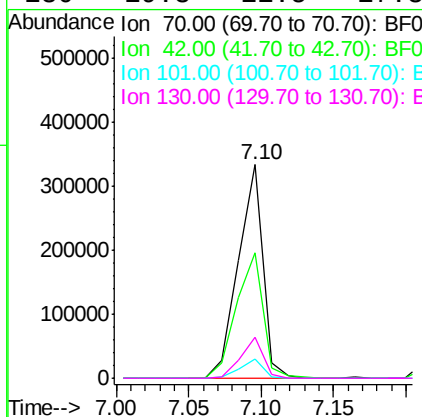
#19
n-Nitroso-di-n-propylamine
Concen: 34.09 ng
RT: 7.10 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF083123.D
Acq: 21 Nov 2015 21:01

Instrument :
BNA_F
ClientSampleId :
PB86620BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	58.9	54.5	81.7		
101	9.1	6.6	9.8		
130	19.3	11.5	17.3		

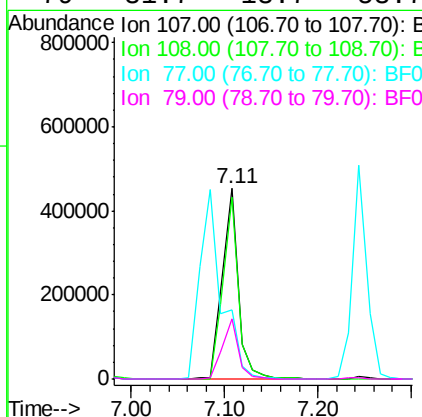
Manual Integrations
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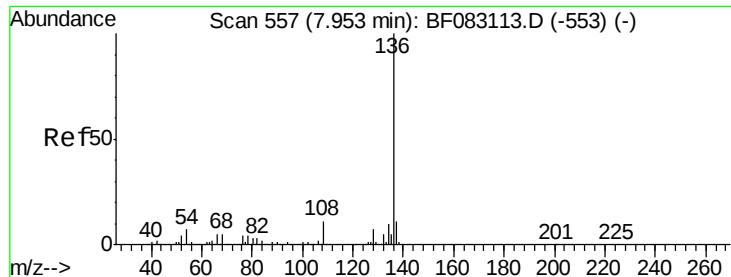
Mmdadoda
11/23/2015 7:01:26 PM



#20
3+4-Methylphenols
Concen: 37.14 ng
RT: 7.11 min Scan# 448
Delta R.T. -0.01 min
Lab File: BF083123.D
Acq: 21 Nov 2015 21:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	95.7	73.8	113.8		
77	36.3	19.1	59.1		
79	31.7	13.7	53.7		





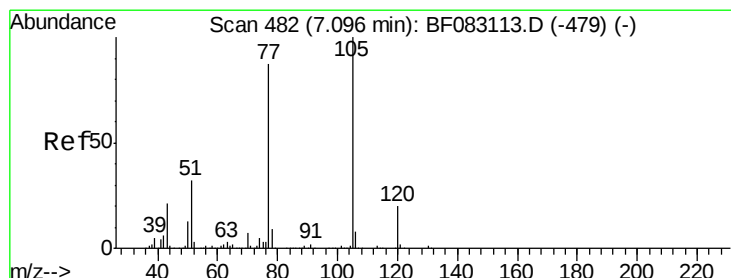
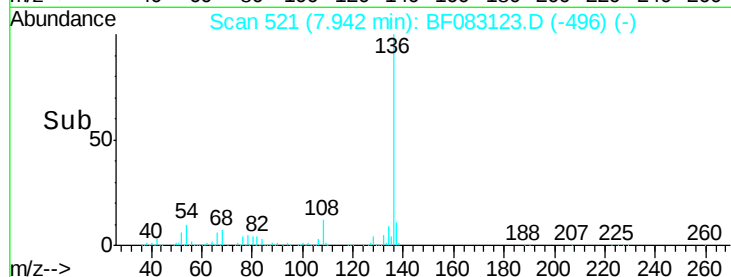
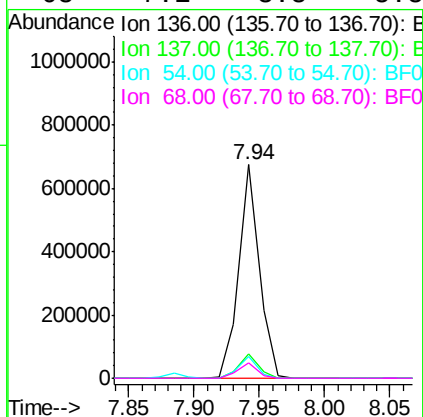
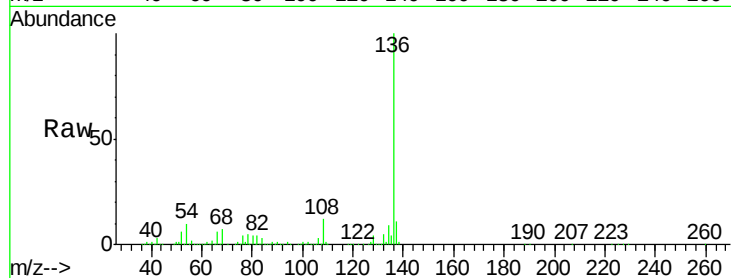
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.94 min Scan# 521
Delta R.T. -0.01 min
Lab File: BF083123.D
Acq: 21 Nov 2015 21:01

Instrument :
BNA_F
ClientSampleId :
PB86620BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	737177		
137	11.4	8.7	13.1	
54	10.4	5.8	8.6#	
68	7.1	3.8	5.8#	

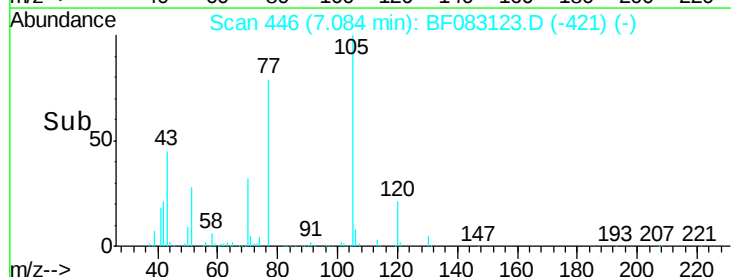
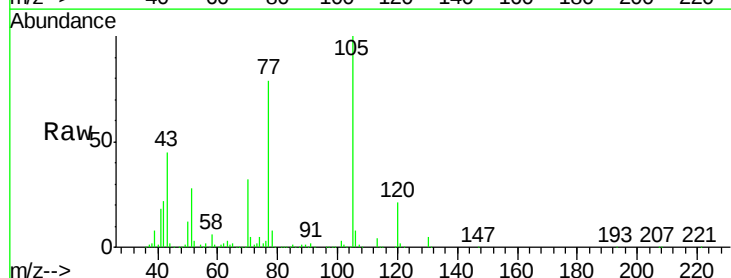
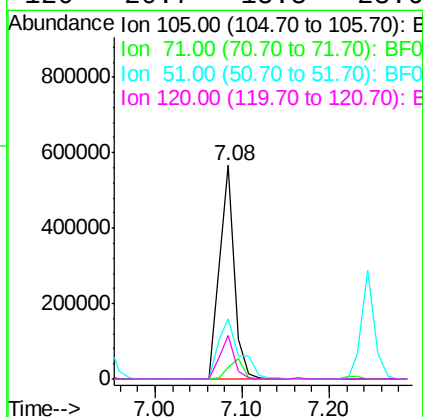
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#22
Acetophenone
Concen: 32.33 ng
RT: 7.08 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF083123.D
Acq: 21 Nov 2015 21:01

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	684216		
71	5.2	1.0	1.4#	
51	28.1	25.6	38.4	
120	20.7	15.8	23.6	





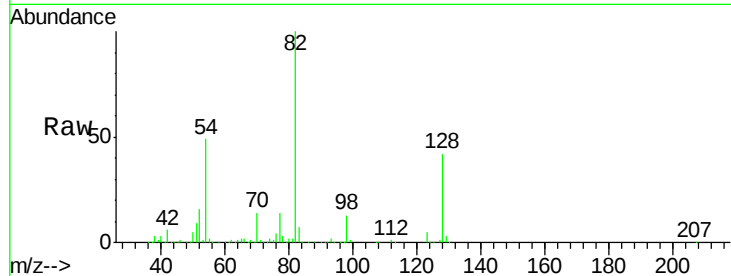
#23
Nitrobenzene-d5
Concen: 67.96 ng
RT: 7.23 min Scan# 459
Delta R.T. -0.00 min
Lab File: BF083123.D
Acq: 21 Nov 2015 21:01

Instrument :
BNA_F
ClientSampleId :
PB86620BS

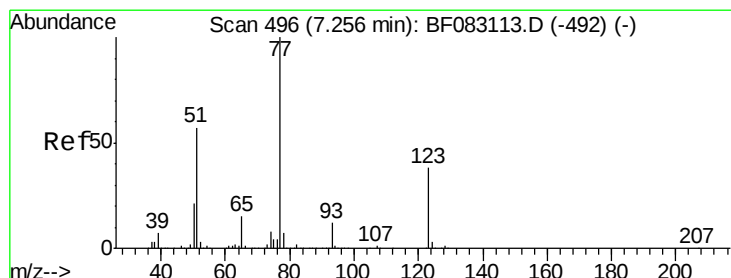
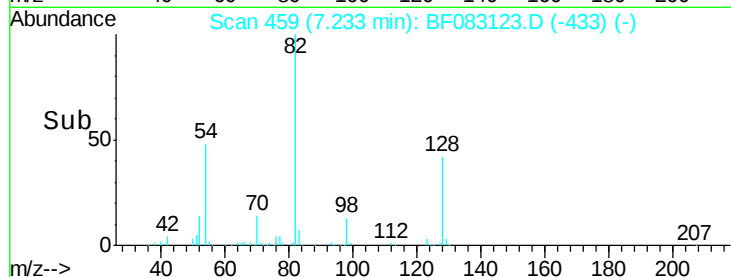
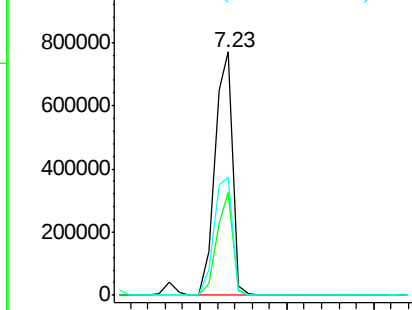
Tot Ion	Ratio	Lower	Upper
82	100		
128	42.2	28.5	42.7
54	48.7	44.6	67.0

Manual Integrations
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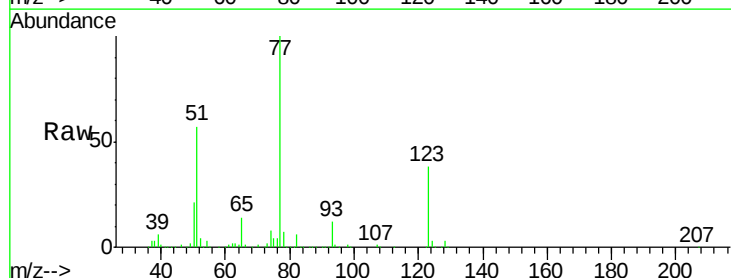


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

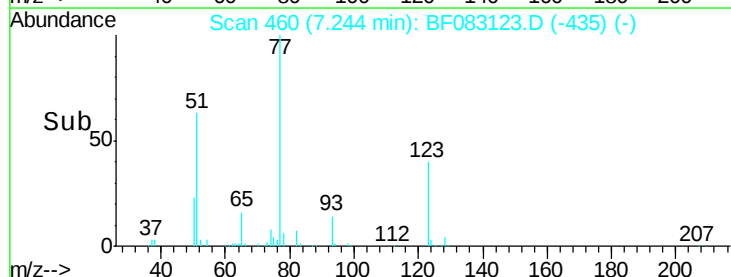
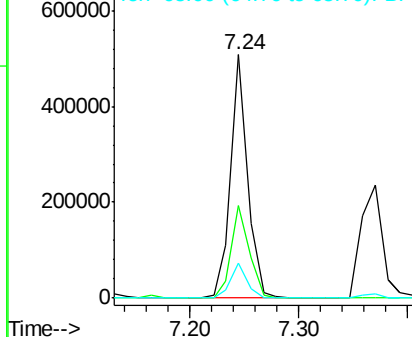


#24
Nitrobenzene
Concen: 31.58 ng
RT: 7.24 min Scan# 460
Delta R.T. -0.01 min
Lab File: BF083123.D
Acq: 21 Nov 2015 21:01

Tgt Ion	Ratio	Lower	Upper
77	100		
123	37.8	30.1	45.1
65	14.3	11.6	17.4



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 32.96 ng

RT: 7.51 min Scan# 483

Delta R.T. -0.02 min

Lab File: BF083123.D

Acq: 21 Nov 2015 21:01

Instrument :

BNA_F

ClientSampleId :

PB86620BS

Tot Ion: 82 Resp: 1006656

Ion Ratio Lower Upper

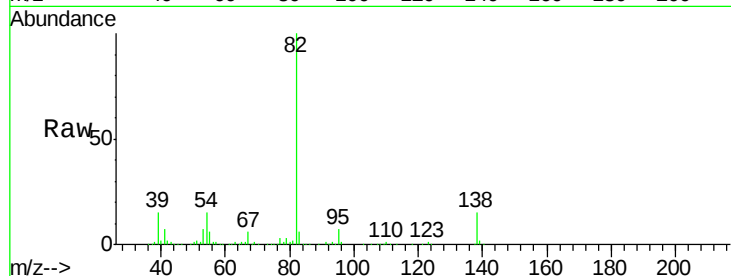
82 100

95 6.9 5.8 8.8

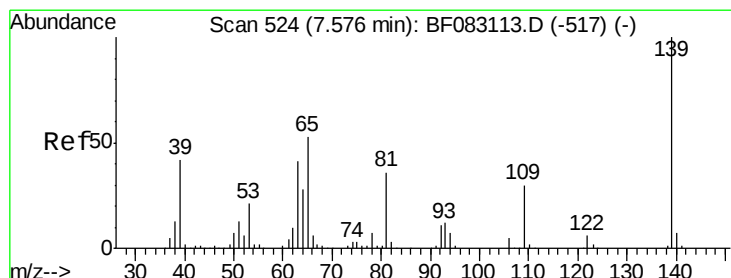
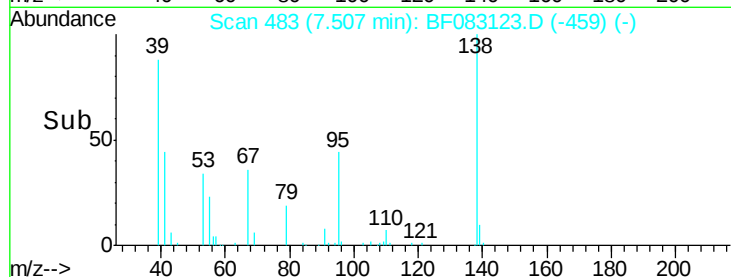
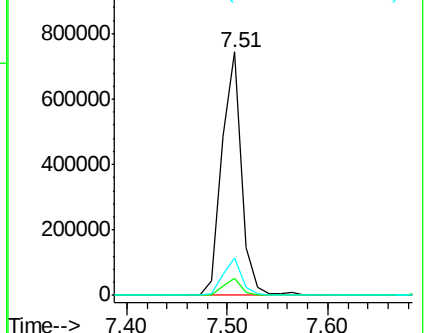
138 15.4 11.6 17.4

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



#26

2-Nitrophenol

Concen: 31.76 ng

RT: 7.56 min Scan# 488

Delta R.T. -0.01 min

Lab File: BF083123.D

Acq: 21 Nov 2015 21:01

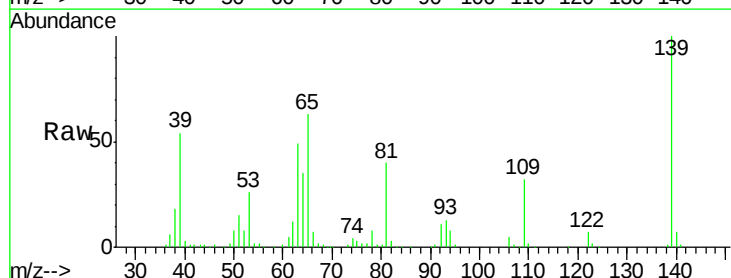
Tgt Ion: 139 Resp: 241667

Ion Ratio Lower Upper

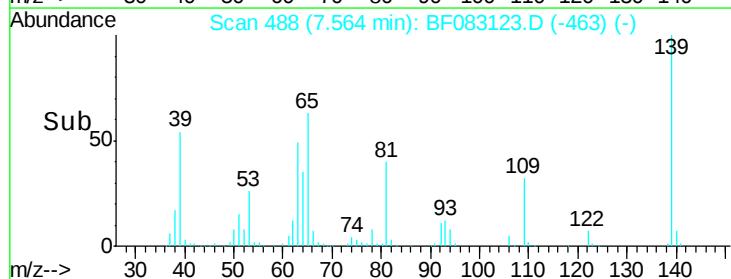
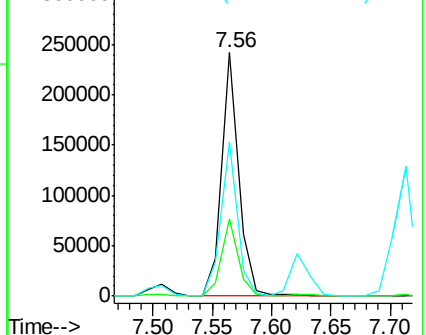
139 100

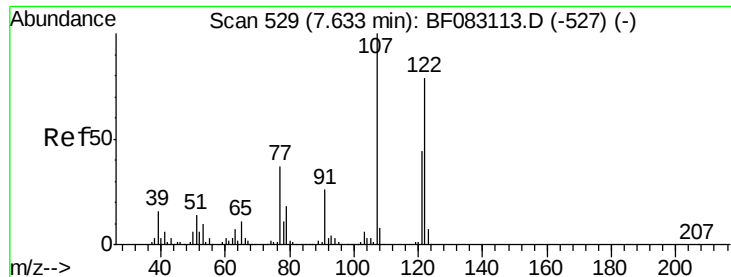
109 32.0 23.9 35.9

65 63.3 42.7 64.1



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





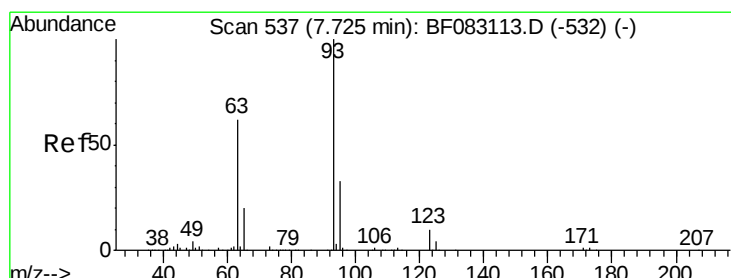
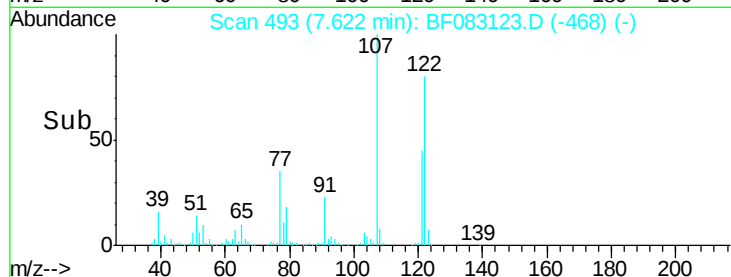
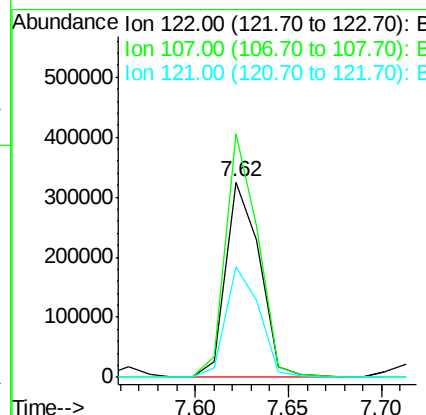
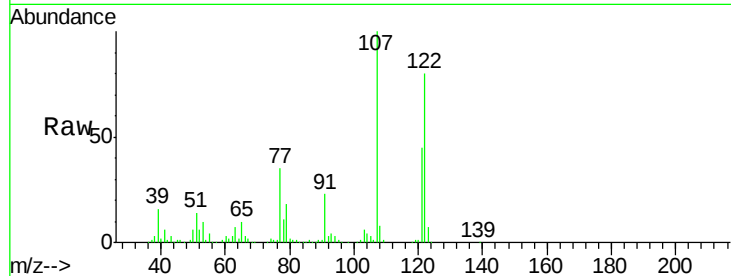
#27
 2,4-Dimethylphenol
 Concen: 34.16 ng
 RT: 7.62 min Scan# 493
 Delta R.T. -0.01 min
 Lab File: BF083123.D
 Acq: 21 Nov 2015 21:01

Instrument :
 BNA_F
 ClientSampleId :
 PB86620BS

Manual Integrations
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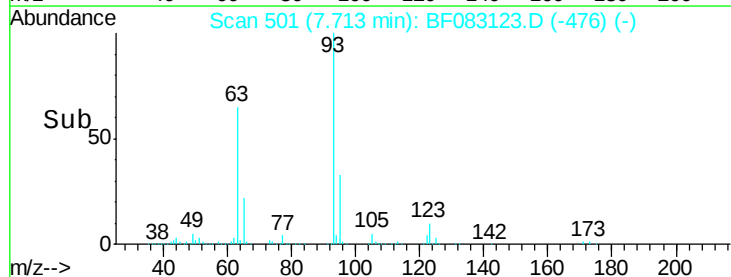
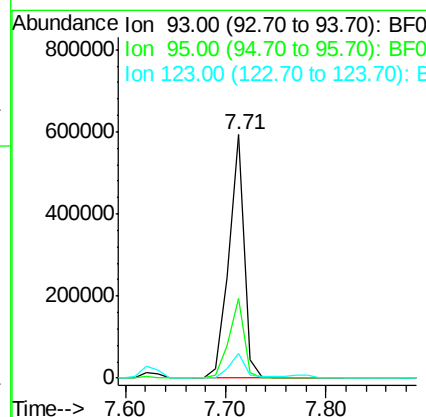
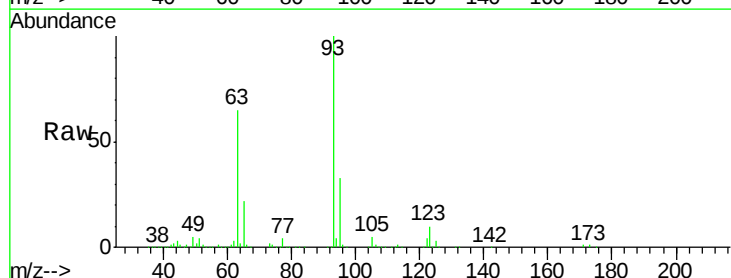
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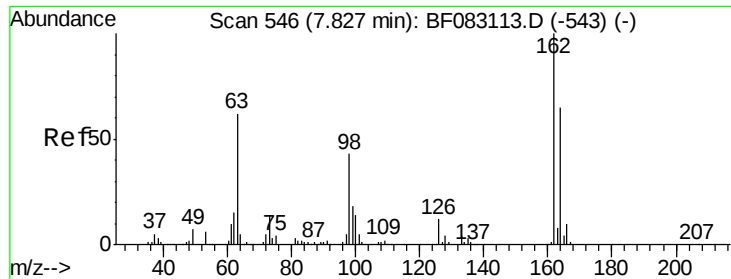
Tot Ion	Ratio	Resp	Lower	Upper
122	100			
107	124.5	101.1	151.7	
121	56.3	44.9	67.3	



#28
 bis(2-Chloroethoxy)methane
 Concen: 35.26 ng
 RT: 7.71 min Scan# 501
 Delta R.T. -0.01 min
 Lab File: BF083123.D
 Acq: 21 Nov 2015 21:01

Tgt Ion	Ratio	Resp	Lower	Upper
93	100			
95	32.9	26.5	39.7	
123	10.4	8.1	12.1	





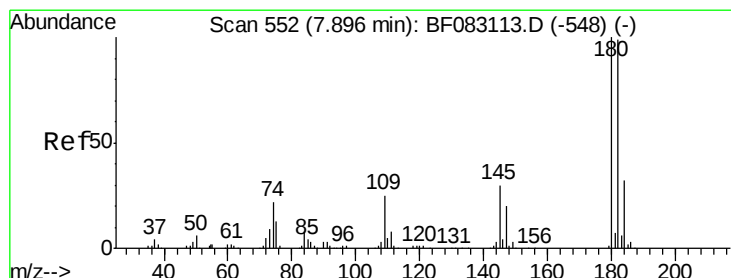
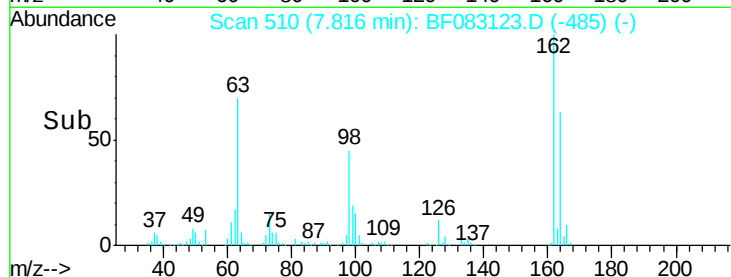
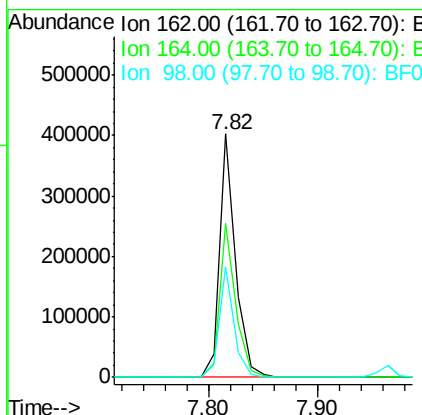
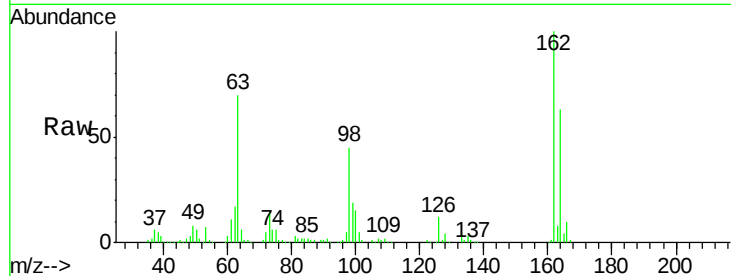
#29
2,4-Dichlorophenol
Concen: 35.52 ng
RT: 7.82 min Scan# 510
Delta R.T. -0.01 min
Lab File: BF083123.D
Acq: 21 Nov 2015 21:01

Instrument :
BNA_F
ClientSampleId :
PB86620BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	410285		
164	63.4	44.8	84.8	
98	45.3	23.1	63.1	

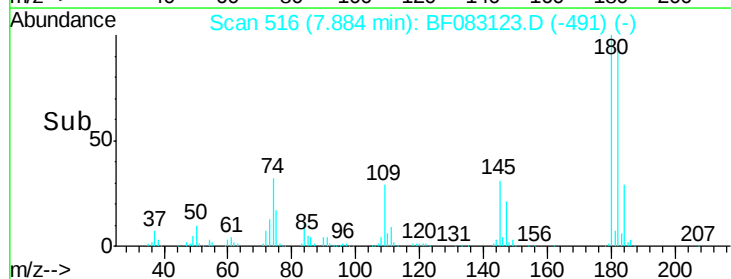
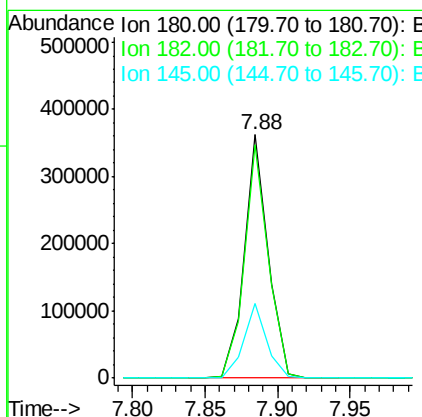
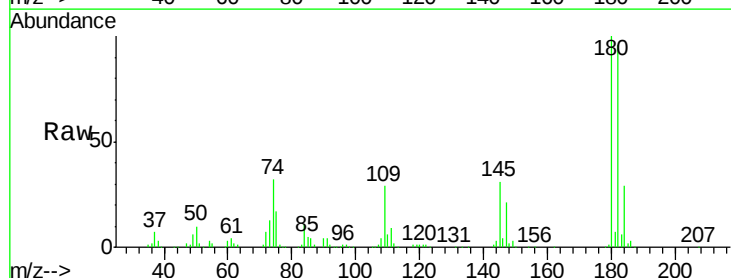
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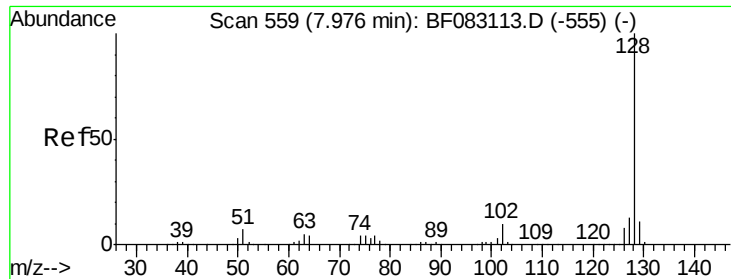
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#30
1,2,4-Trichlorobenzene
Concen: 32.36 ng
RT: 7.88 min Scan# 516
Delta R.T. -0.01 min
Lab File: BF083123.D
Acq: 21 Nov 2015 21:01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	410646		
182	95.6	79.0	118.6	
145	30.9	24.2	36.2	





#31

Naphthalene

Concen: 33.30 ng

RT: 7.96 min Scan# 523

Delta R.T. -0.01 min

Lab File: BF083123.D

Acq: 21 Nov 2015 21:01

Instrument :

BNA_F

ClientSampleId :

PB86620BS

Tot Ion:128 Resp: 1324861

Ion Ratio Lower Upper

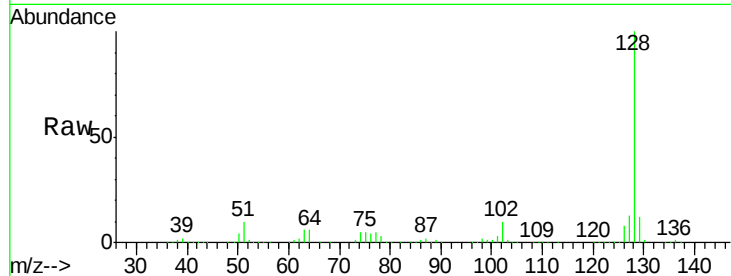
128 100

129 11.6 9.0 13.4

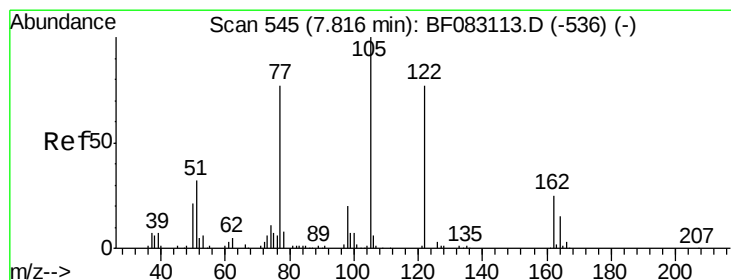
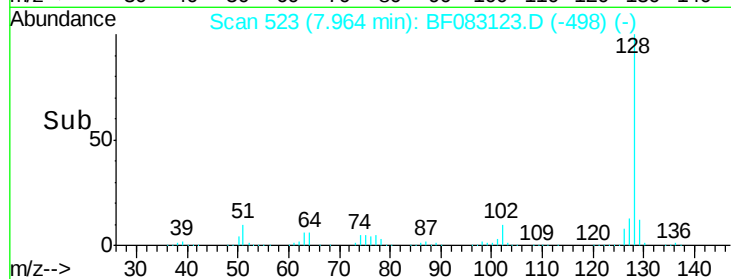
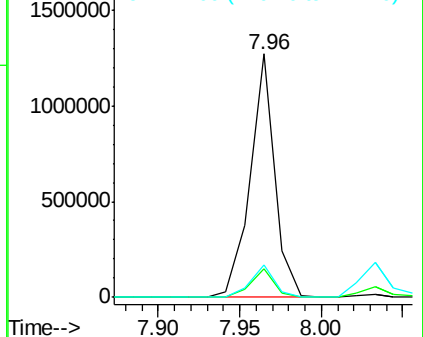
127 13.4 10.6 15.8

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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: 32.10 ng

RT: 7.78 min Scan# 507

Delta R.T. -0.03 min

Lab File: BF083123.D

Acq: 21 Nov 2015 21:01

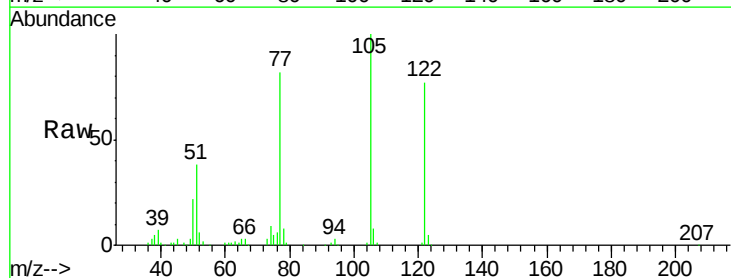
Tgt Ion:122 Resp: 303009

Ion Ratio Lower Upper

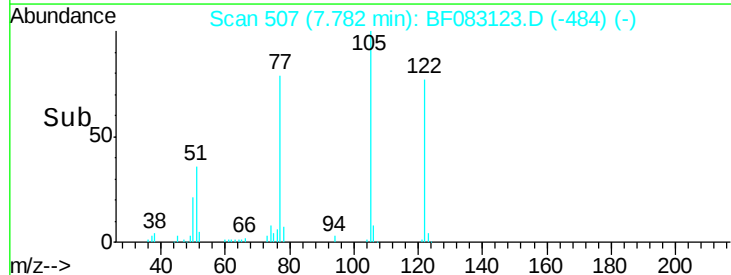
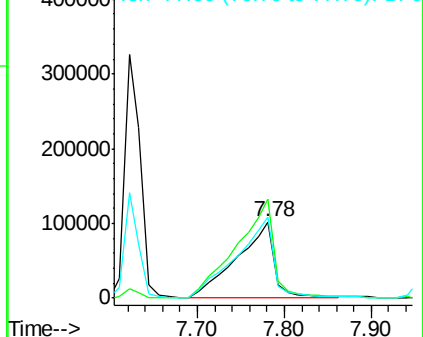
122 100

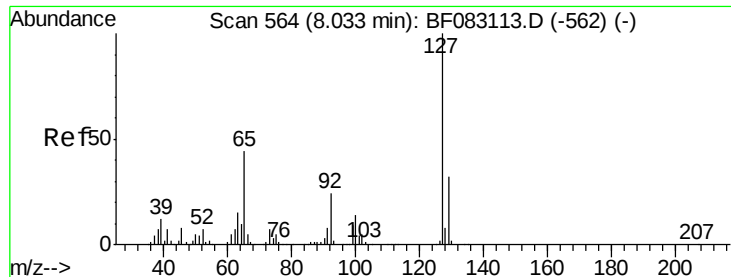
105 129.6 109.7 149.7

77 106.6 79.7 119.7



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





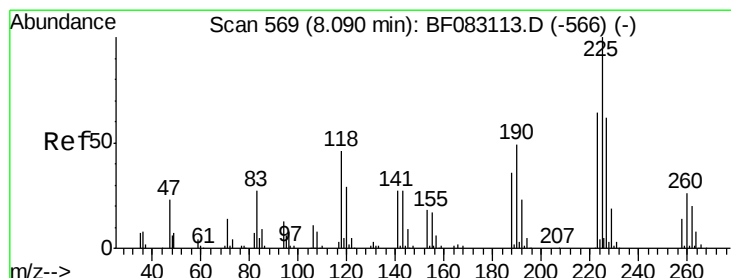
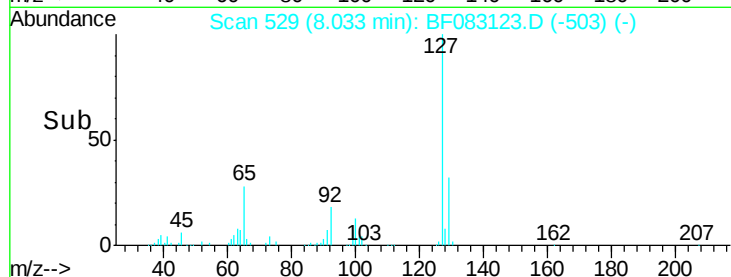
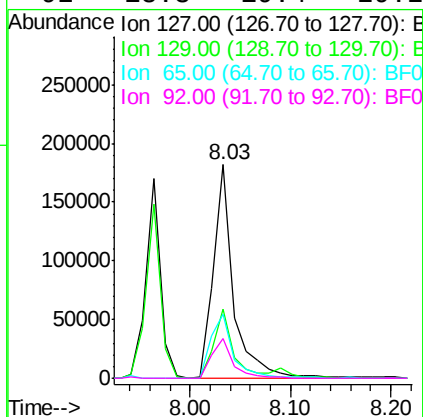
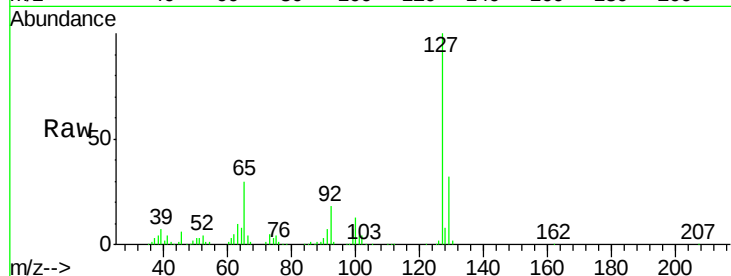
#33
 4-Chloroaniline
 Concen: 16.07 ng
 RT: 8.03 min Scan# 529
 Delta R.T. -0.00 min
 Lab File: BF083123.D
 Acq: 21 Nov 2015 21:01

Instrument :
 BNA_F
 ClientSampleId :
 PB86620BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.4	25.7	38.5		
65	29.9	35.5	53.3		
92	18.3	19.4	29.2		

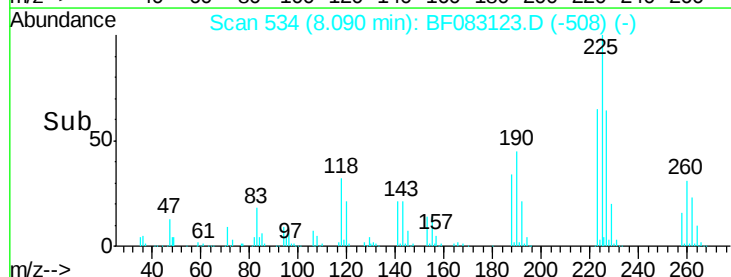
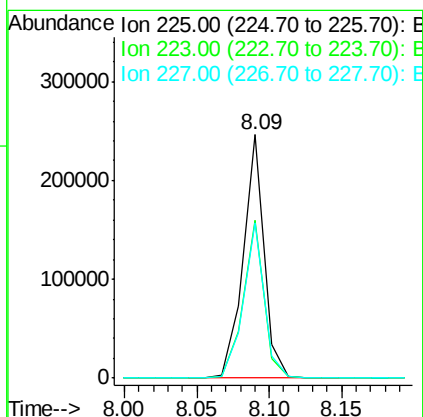
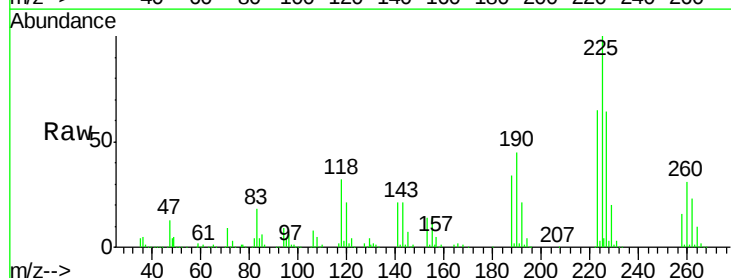
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#34
 Hexachlorobutadiene
 Concen: 32.91 ng
 RT: 8.09 min Scan# 534
 Delta R.T. -0.00 min
 Lab File: BF083123.D
 Acq: 21 Nov 2015 21:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	65.0	51.3	76.9		
227	63.8	49.8	74.8		





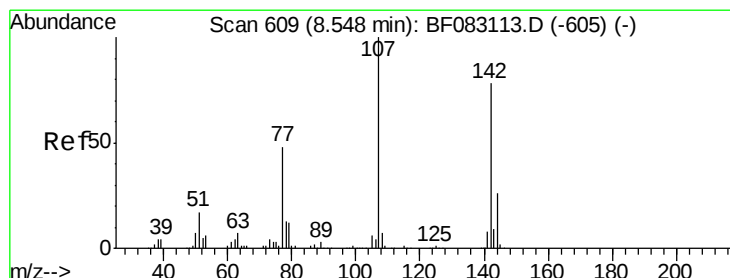
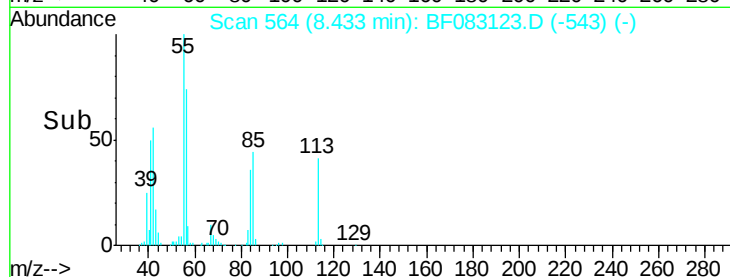
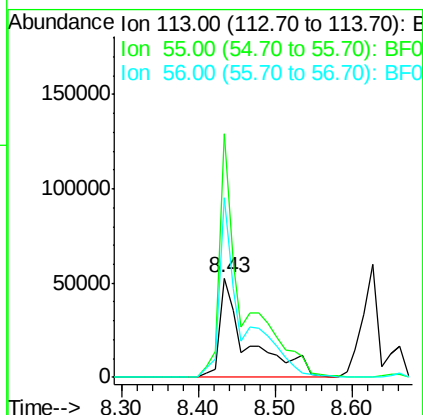
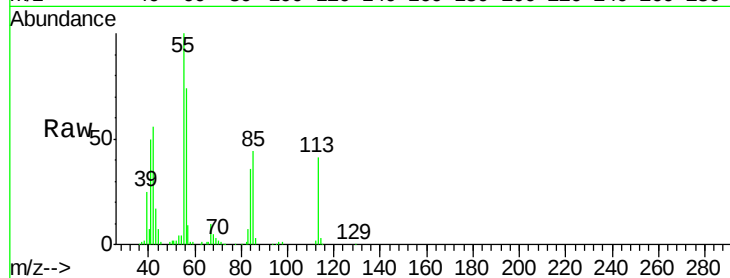
#35
 Caprolactam
 Concen: 36.80 ng
 RT: 8.43 min Scan# 564
 Delta R.T. -0.06 min
 Lab File: BF083123.D
 Acq: 21 Nov 2015 21:01

Instrument :
 BNA_F
 ClientSampleId :
 PB86620BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	245.1	192.6	232.6#
56	180.6	148.6	188.6

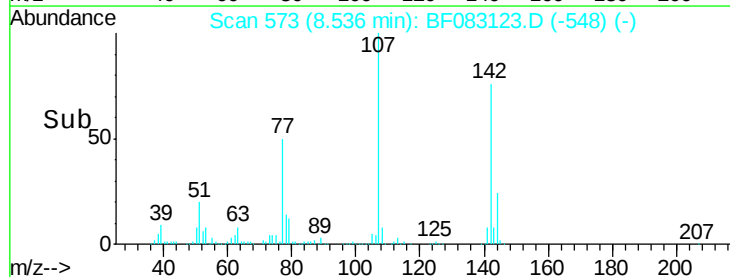
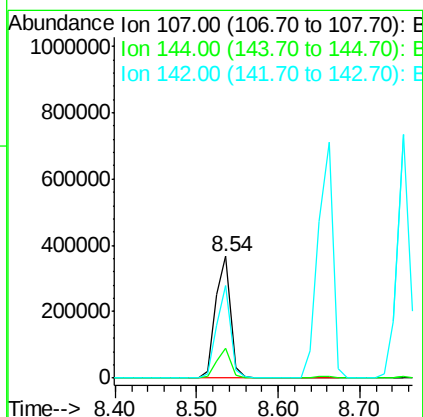
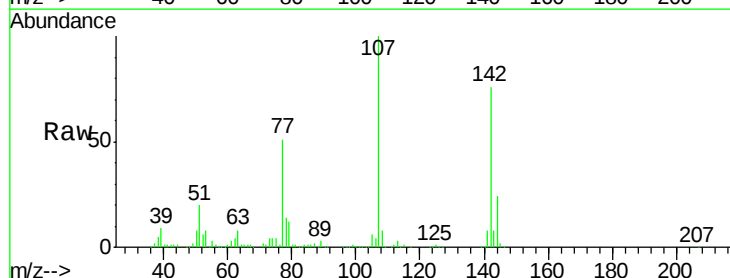
Manual Integrations
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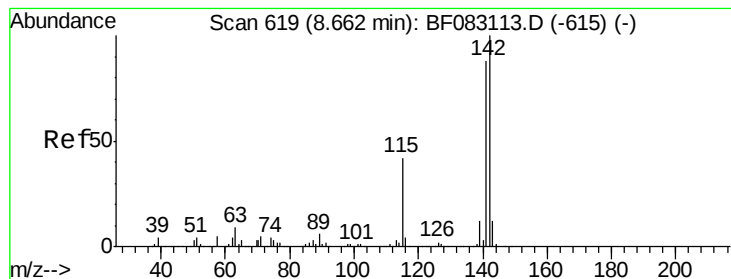
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#36
 4-Chloro-3-methylphenol
 Concen: 34.95 ng
 RT: 8.54 min Scan# 573
 Delta R.T. -0.01 min
 Lab File: BF083123.D
 Acq: 21 Nov 2015 21:01

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.2	20.8	31.2
142	75.8	62.1	93.1





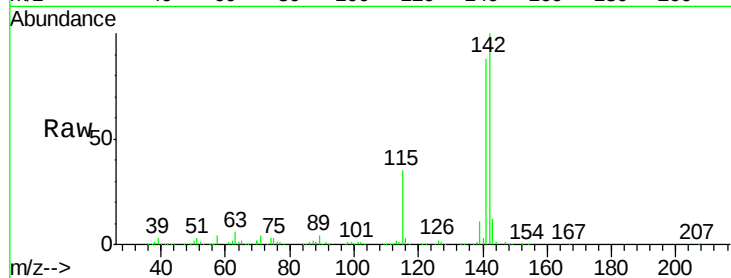
#37
2-Methylnaphthalene
Concen: 34.46 ng
RT: 8.66 min Scan# 584
Delta R.T. -0.00 min
Lab File: BF083123.D
Acq: 21 Nov 2015 21:01

Instrument :
BNA_F
ClientSampleId :
PB86620BS

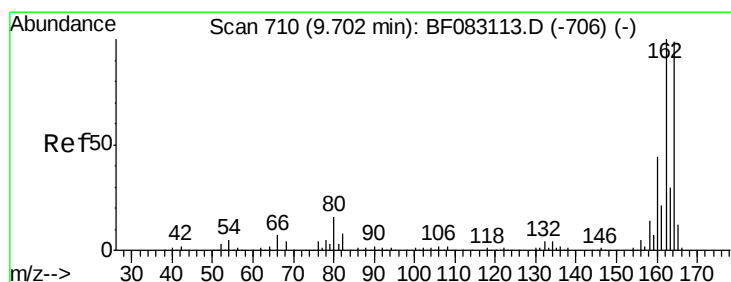
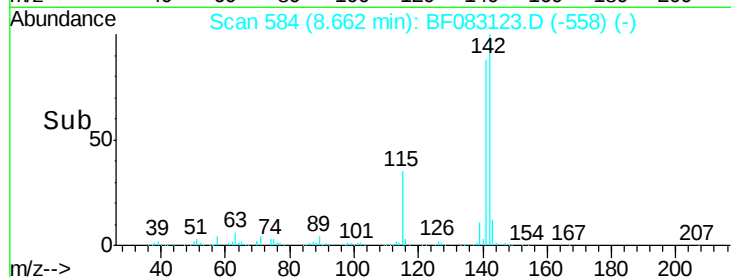
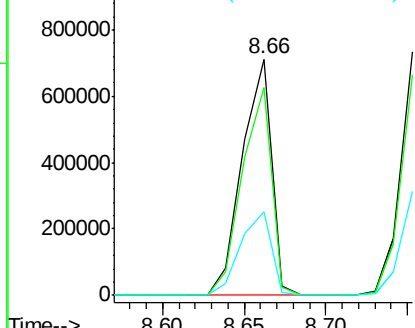
Tot Ion	Ratio	Lower	Upper
142	100		
141	87.9	70.3	105.5
115	35.3	33.4	50.2

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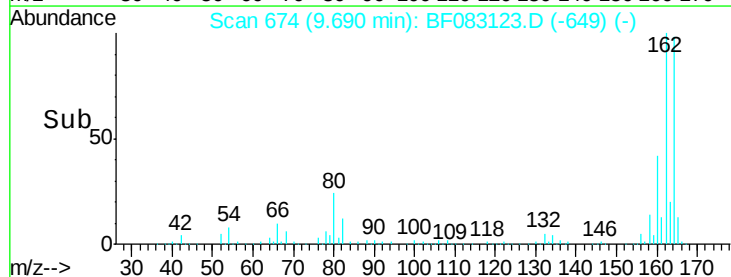
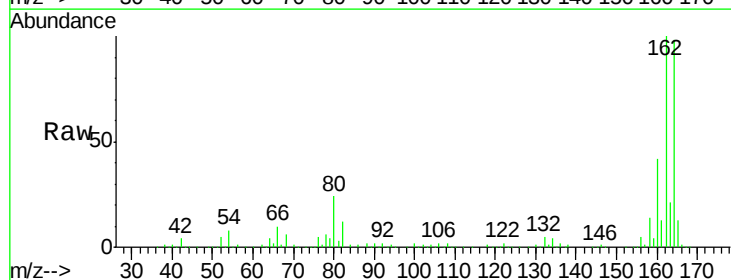
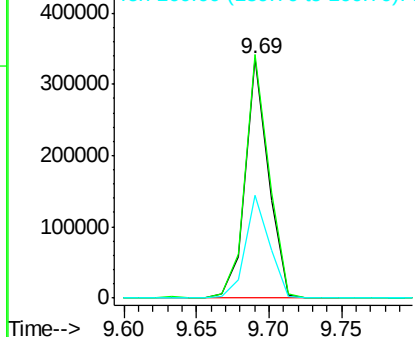
Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

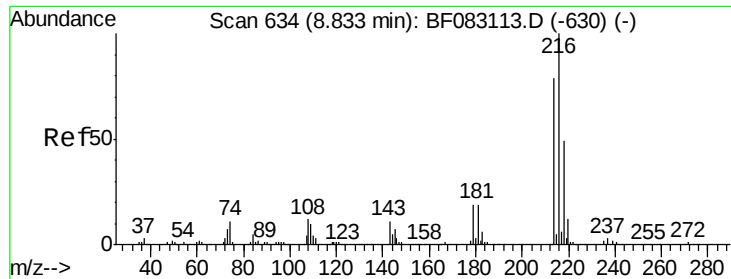


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.69 min Scan# 674
Delta R.T. -0.01 min
Lab File: BF083123.D
Acq: 21 Nov 2015 21:01

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.8	81.2	121.8
160	43.1	35.6	53.4

Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





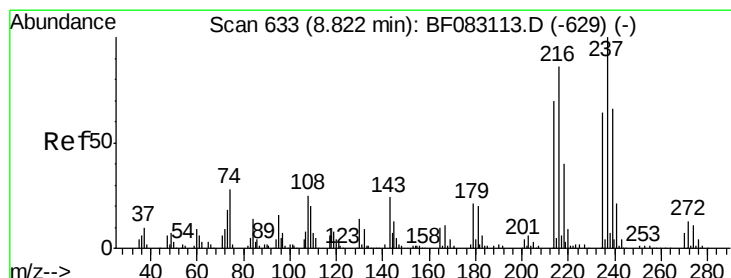
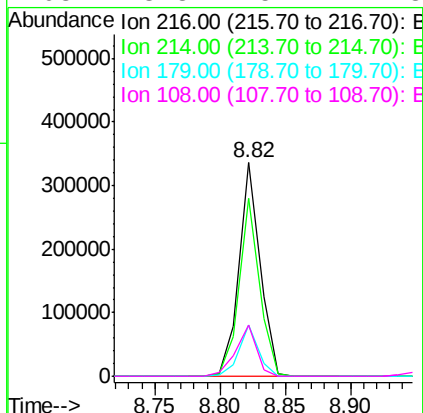
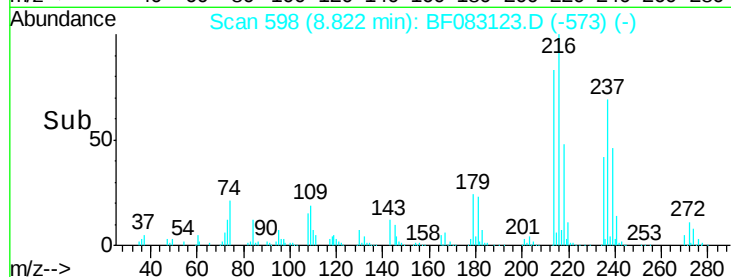
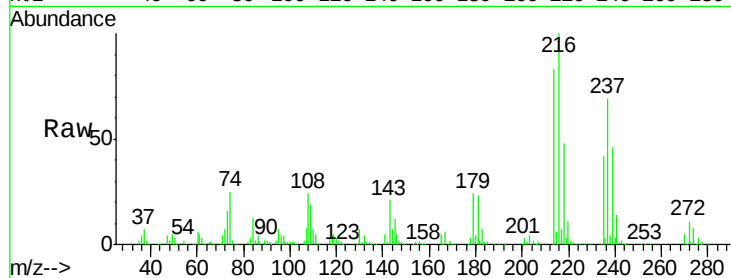
#39
1,2,4,5-Tetrachlorobenzene
Concen: 31.34 ng
RT: 8.82 min Scan# 598
Delta R.T. -0.01 min
Lab File: BF083123.D
Acq: 21 Nov 2015 21:01

Instrument :
BNA_F
ClientSampleId :
PB86620BS

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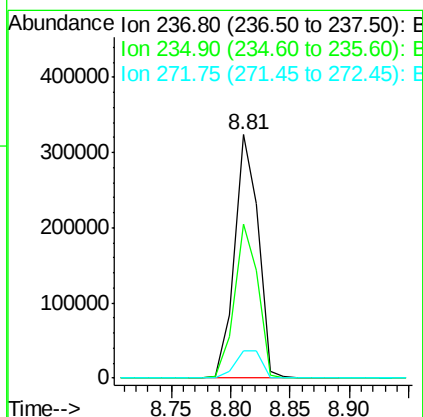
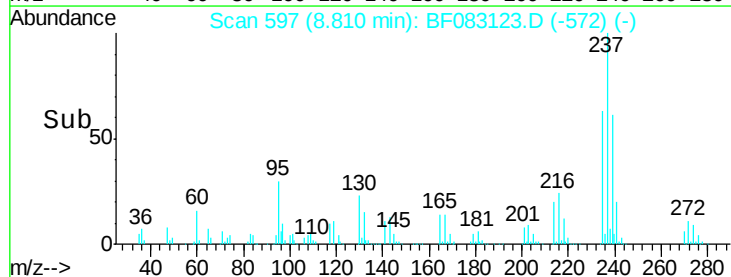
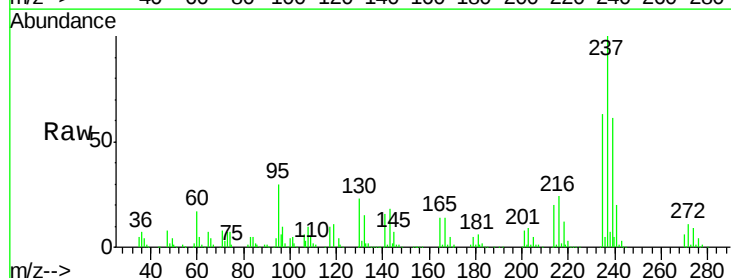
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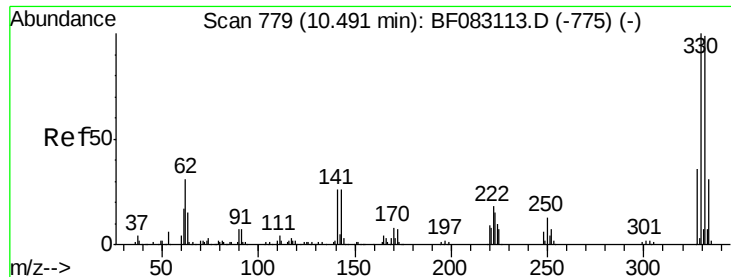
Tot Ion	Ratio	Resp	Lower	Upper
216	100	377653		
214	80.5	63.8	95.8	
179	22.0	17.0	25.6	
108	23.8	15.2	22.8#	



#40
Hexachlorocyclopentadiene
Concen: 65.29 ng
RT: 8.81 min Scan# 597
Delta R.T. -0.01 min
Lab File: BF083123.D
Acq: 21 Nov 2015 21:01

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	447307		
235	63.3	43.5	83.5	
272	11.4	0.0	33.1	





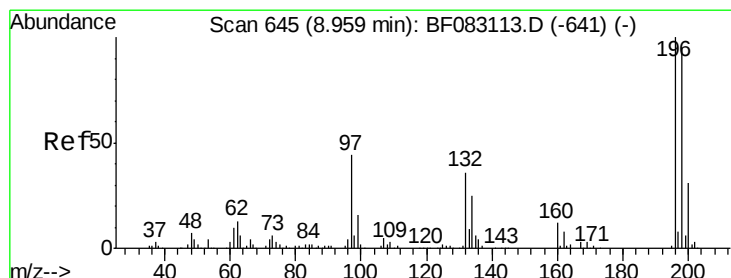
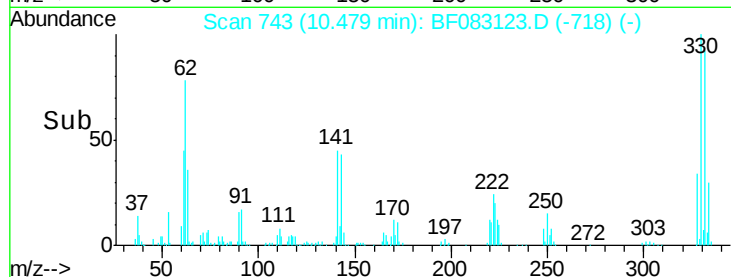
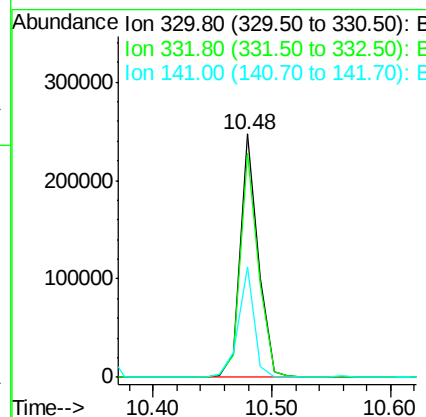
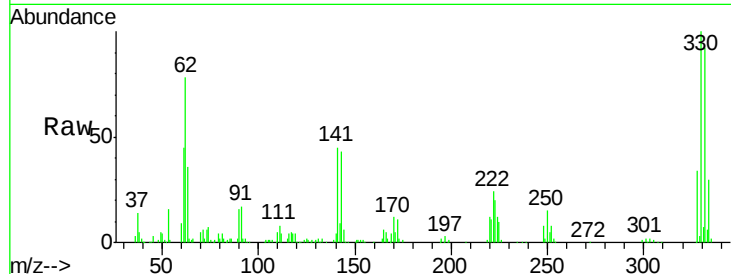
#41
 2,4,6-Tribromophenol
 Concen: 68.92 ng
 RT: 10.48 min Scan# 743
 Delta R.T. -0.01 min
 Lab File: BF083123.D
 Acq: 21 Nov 2015 21:01

Instrument :
 BNA_F
 ClientSampleId :
 PB86620BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	262099		
332	92.9		77.7	116.5
141	39.9		29.7	44.5

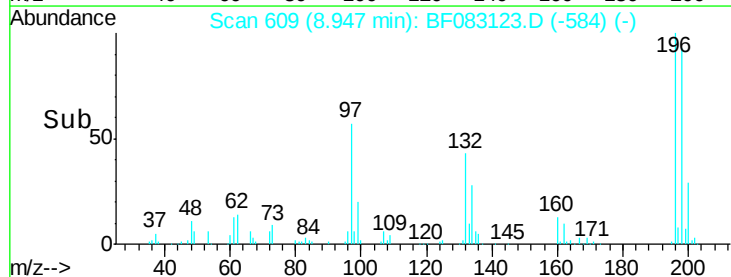
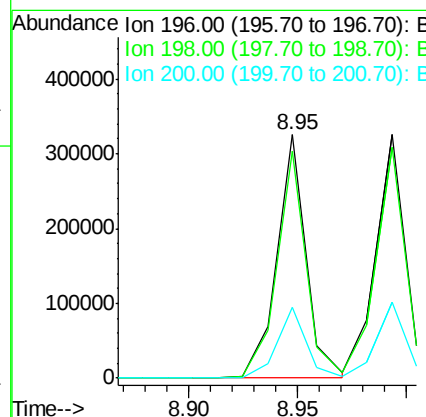
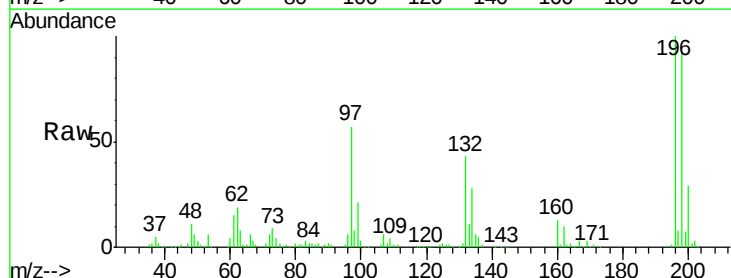
Manual Integrations
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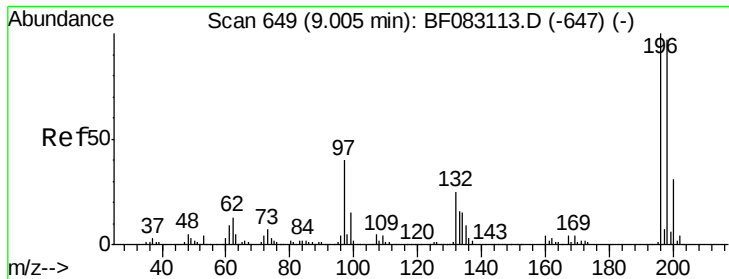
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 11/23/2015 7:01:26 PM



#42
 2,4,6-Trichlorophenol
 Concen: 35.51 ng
 RT: 8.95 min Scan# 609
 Delta R.T. -0.01 min
 Lab File: BF083123.D
 Acq: 21 Nov 2015 21:01

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	306463		
198	93.1		75.9	113.9
200	29.0		24.5	36.7





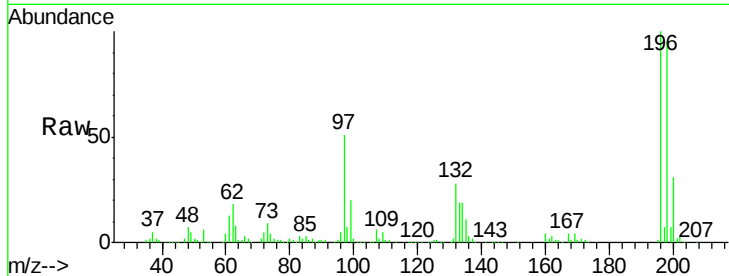
#43
 2,4,5-Trichlorophenol
 Concen: 35.52 ng
 RT: 8.99 min Scan# 613
 Delta R.T. -0.01 min
 Lab File: BF083123.D
 Acq: 21 Nov 2015 21:01

Instrument :
 BNA_F
 ClientSampleId :
 PB86620BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	313428		
198	94.8	77.6	116.4	
97	51.1	32.6	48.8	
132	28.0	19.8	29.8	

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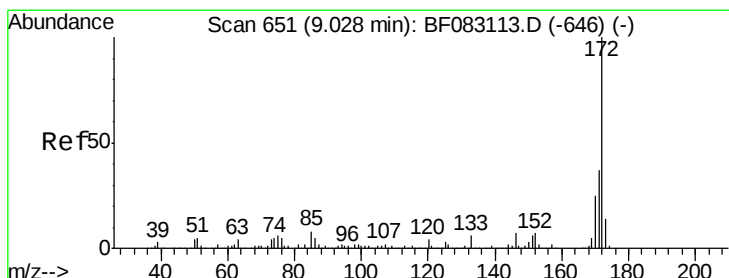
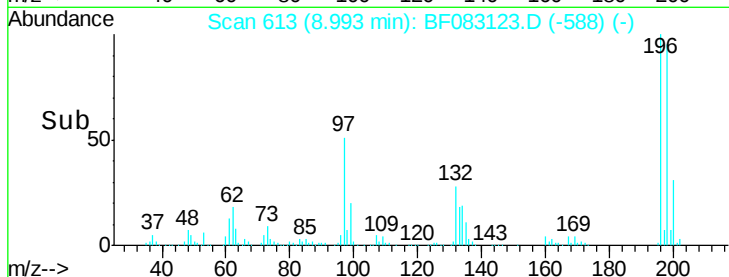
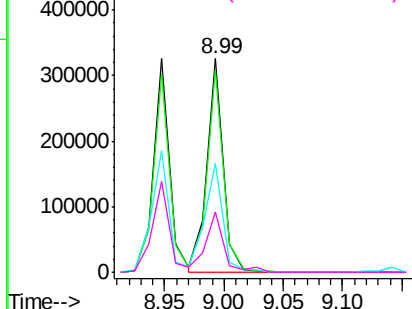
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 66.75 ng
 RT: 9.03 min Scan# 616
 Delta R.T. -0.00 min
 Lab File: BF083123.D
 Acq: 21 Nov 2015 21:01

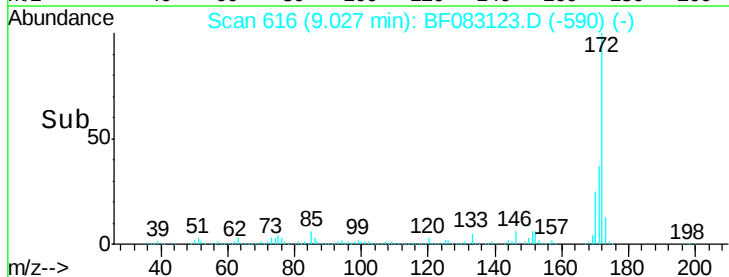
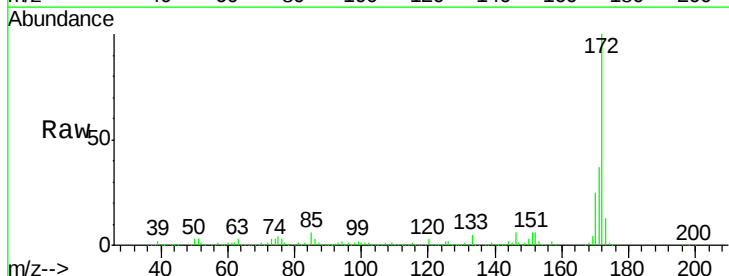
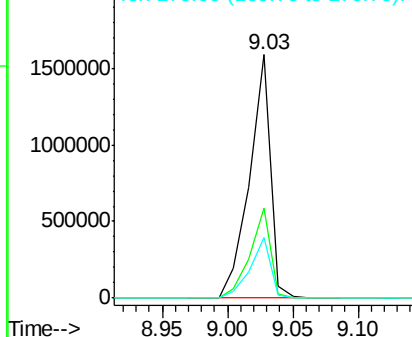
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1779570		
171	36.8	29.5	44.3	
170	24.7	19.9	29.9	

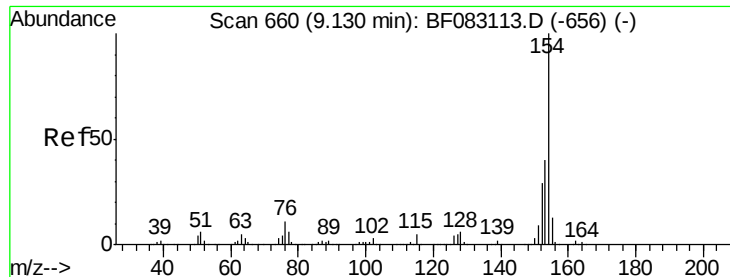
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 32.37 ng

RT: 9.12 min Scan# 624

Delta R.T. -0.01 min

Lab File: BF083123.D

Acq: 21 Nov 2015 21:01

Instrument :

BNA_F

ClientSampleId :

PB86620BS

Tot Ion:154 Resp: 1024286

Ion Ratio Lower Upper

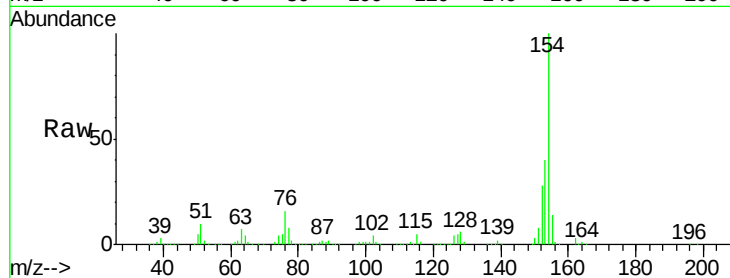
154 100

153 40.0 20.5 60.5

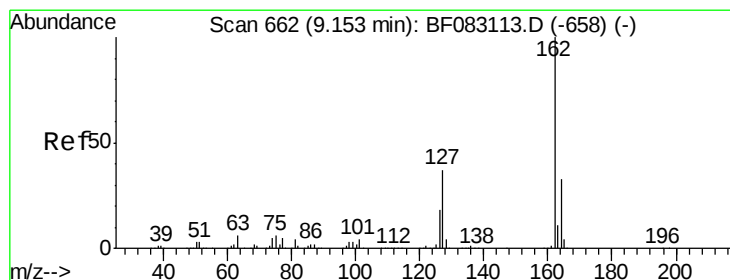
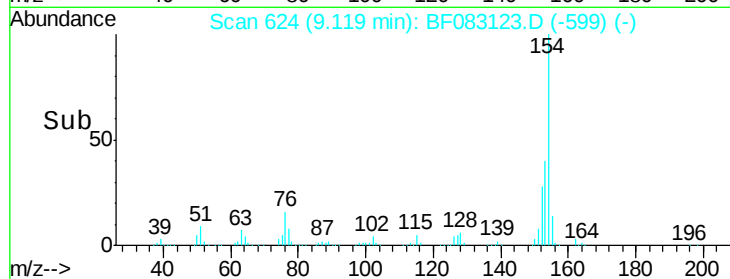
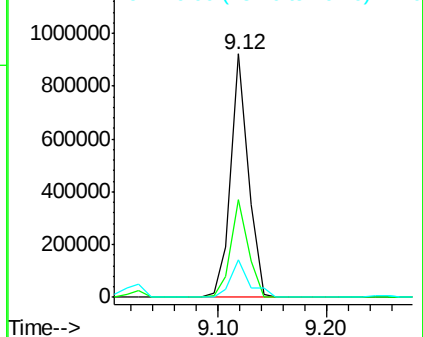
76 15.6 0.0 31.2

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



#46

2-Chloronaphthalene

Concen: 33.87 ng

RT: 9.14 min Scan# 626

Delta R.T. -0.01 min

Lab File: BF083123.D

Acq: 21 Nov 2015 21:01

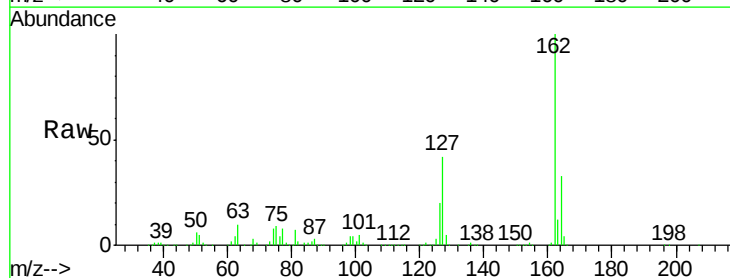
Tgt Ion:162 Resp: 841846

Ion Ratio Lower Upper

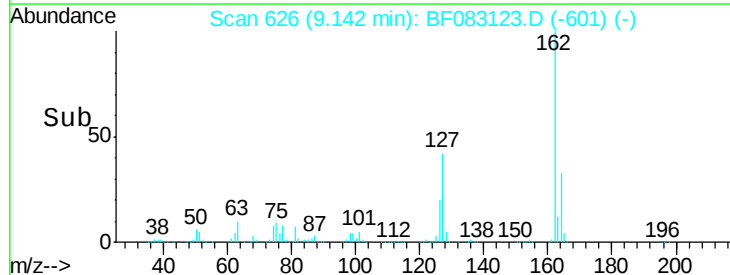
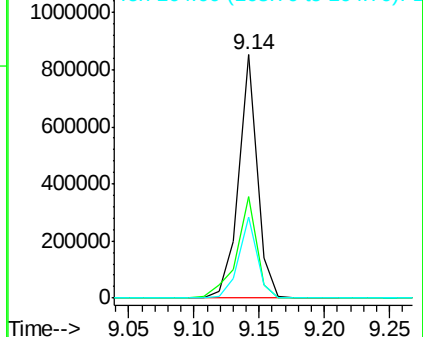
162 100

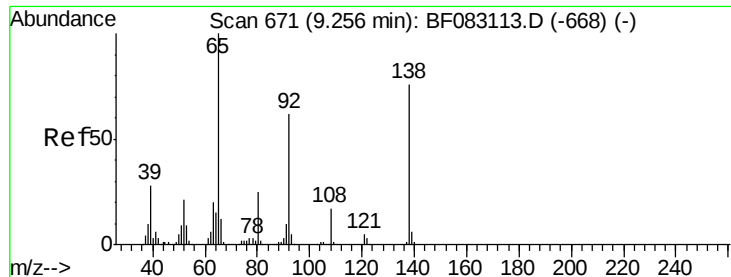
127 41.6 29.4 44.2

164 33.3 26.2 39.4



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





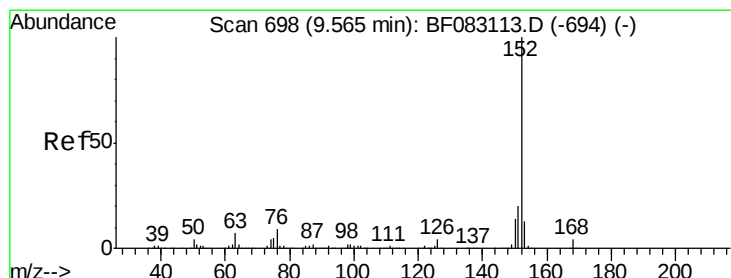
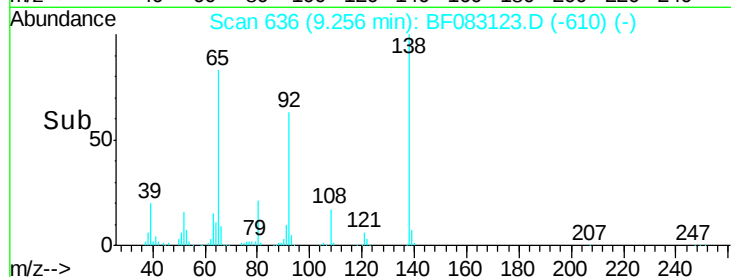
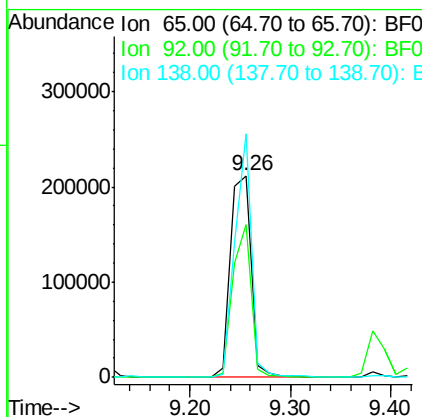
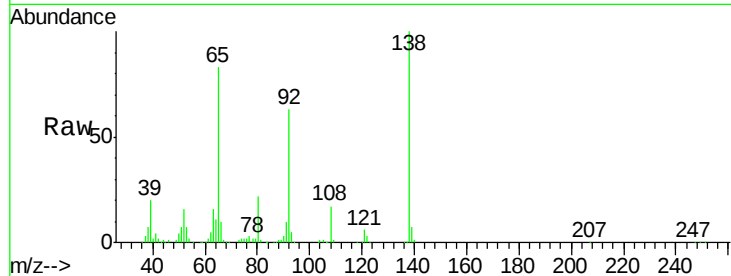
#47
2-Nitroaniline
Concen: 34.67 ng
RT: 9.26 min Scan# 636
Delta R.T. -0.00 min
Lab File: BF083123.D
Acq: 21 Nov 2015 21:01

Instrument :
BNA_F
ClientSampleId :
PB86620BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	75.4	49.5	74.3#
138	120.5	60.7	91.1#

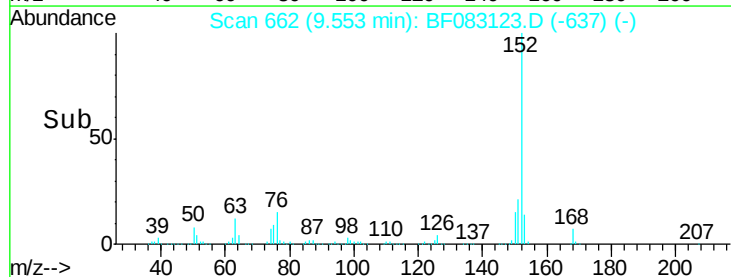
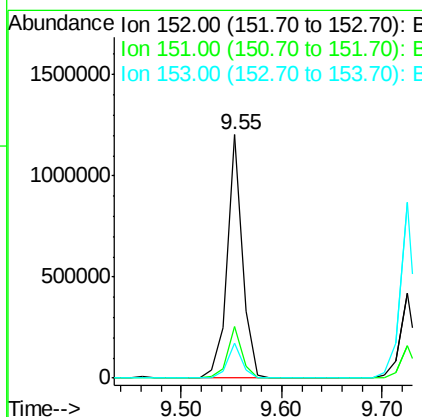
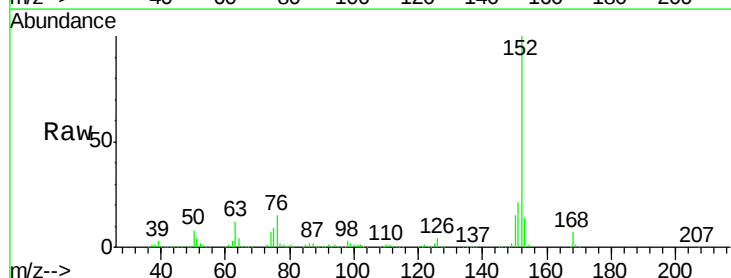
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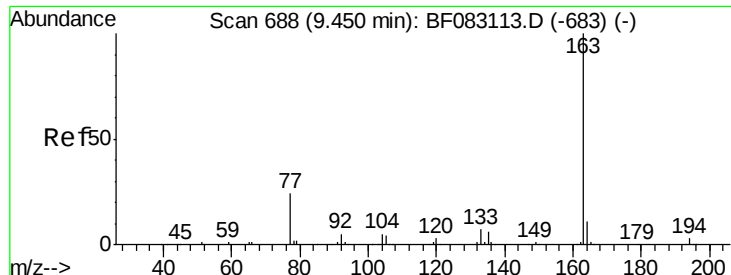
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#48
Acenaphthylene
Concen: 32.83 ng
RT: 9.55 min Scan# 662
Delta R.T. -0.01 min
Lab File: BF083123.D
Acq: 21 Nov 2015 21:01

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.4	16.3	24.5
153	14.2	10.8	16.2





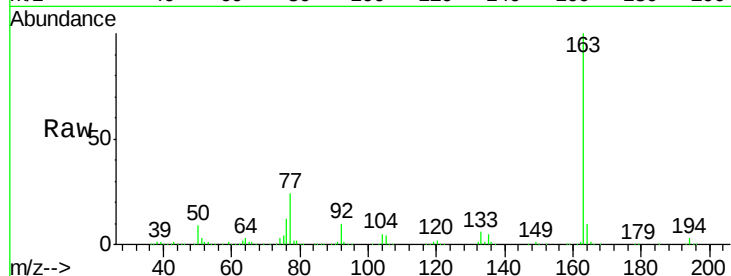
#49
Dimethylphthalate
Concen: 36.37 ng
RT: 9.44 min Scan# 652
Delta R.T. -0.01 min
Lab File: BF083123.D
Acq: 21 Nov 2015 21:01

Instrument :
BNA_F
ClientSampleId :
PB86620BS

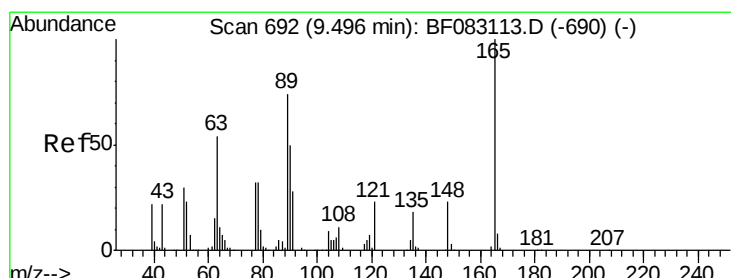
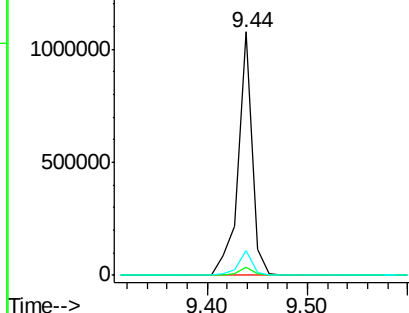
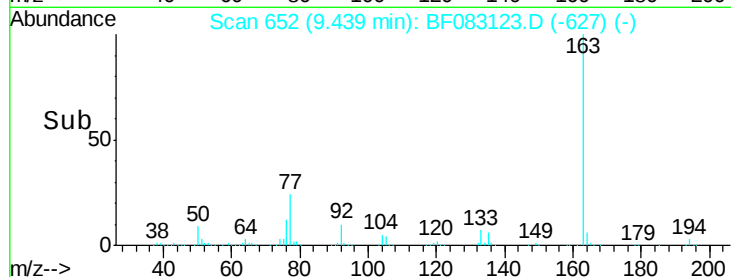
Tot Ion:163 Resp: 1040834
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 10.3 8.6 12.8

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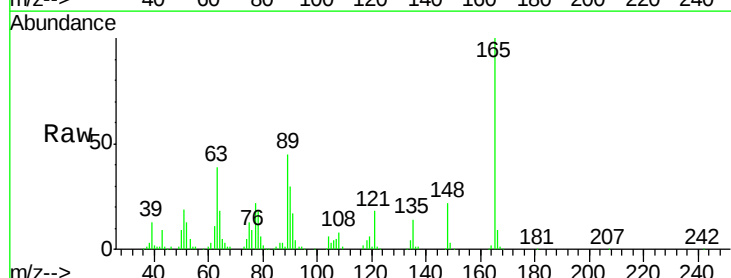


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

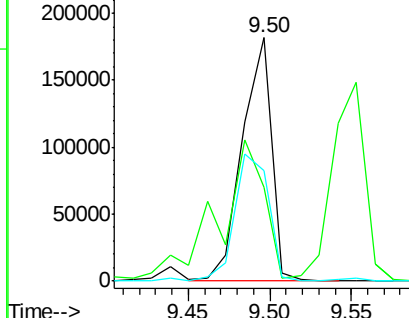
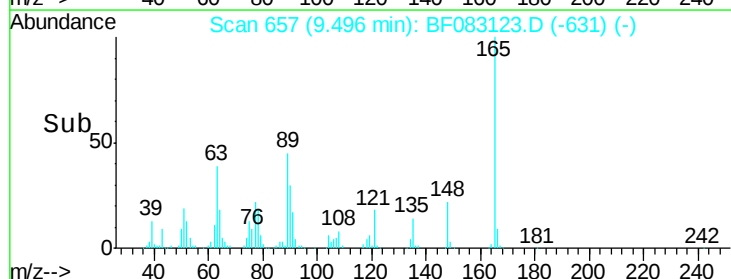


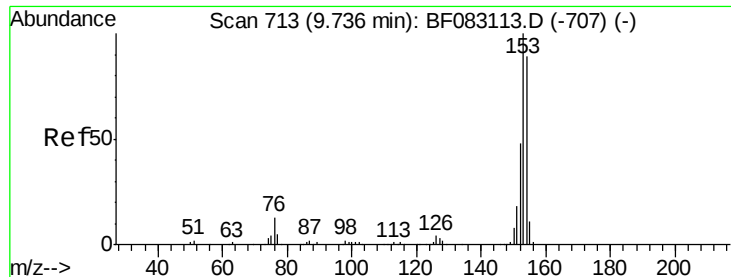
#50
2,6-Dinitrotoluene
Concen: 35.13 ng
RT: 9.50 min Scan# 657
Delta R.T. -0.00 min
Lab File: BF083123.D
Acq: 21 Nov 2015 21:01

Tgt Ion:165 Resp: 225594
Ion Ratio Lower Upper
165 100
63 38.7 62.5 93.7#
89 45.4 59.1 88.7#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 32.86 ng

RT: 9.72 min Scan# 677

Delta R.T. -0.01 min

Lab File: BF083123.D

Acq: 21 Nov 2015 21:01

Instrument :

BNA_F

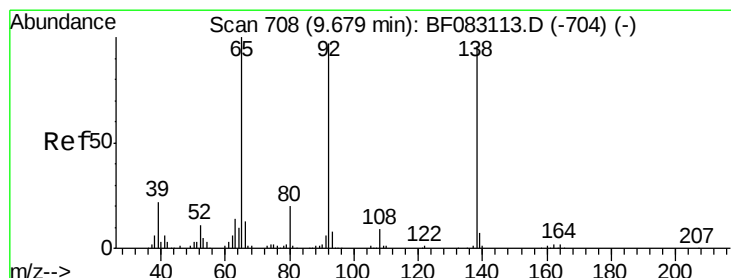
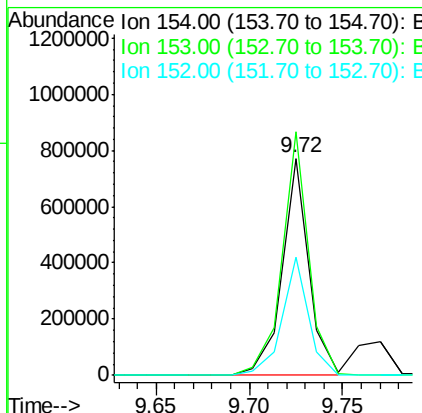
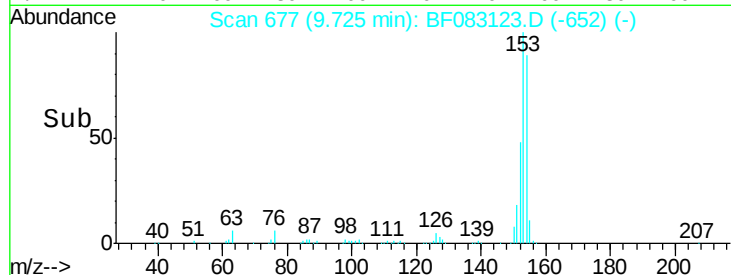
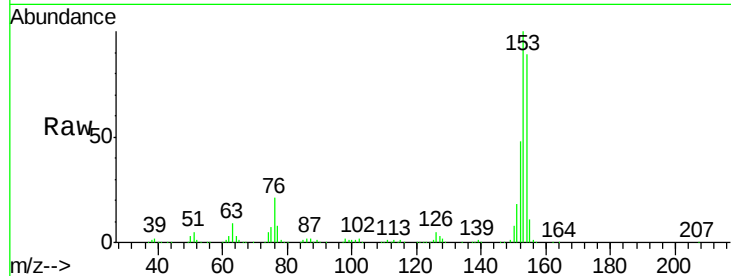
ClientSampleId :

PB86620BS

Tot Ion:	154	Resp:	770260
Ion Ratio	Lower	Upper	
154	100		
153	112.0	89.6	134.4
152	54.3	43.3	64.9

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#52

3-Nitroaniline

Concen: 18.22 ng

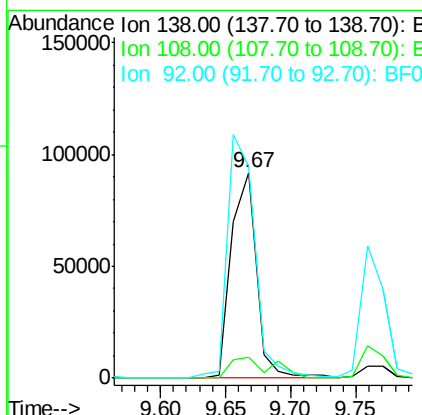
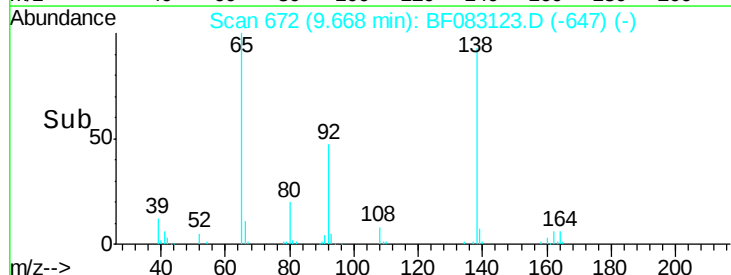
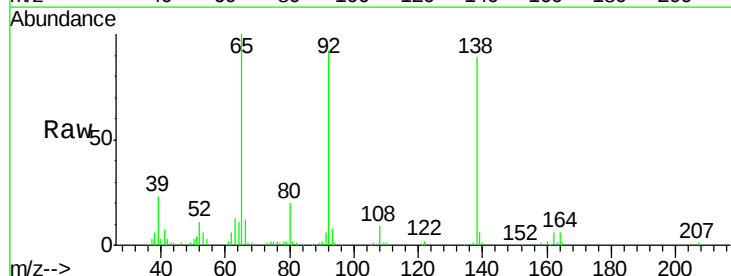
RT: 9.67 min Scan# 672

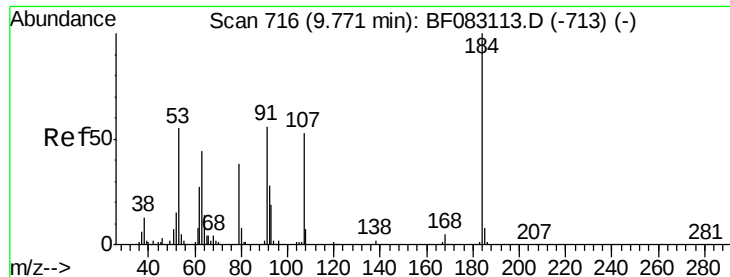
Delta R.T. -0.01 min

Lab File: BF083123.D

Acq: 21 Nov 2015 21:01

Tgt Ion:	138	Resp:	124775
Ion Ratio	Lower	Upper	
138	100		
108	10.0	7.8	11.6
92	103.0	81.1	121.7





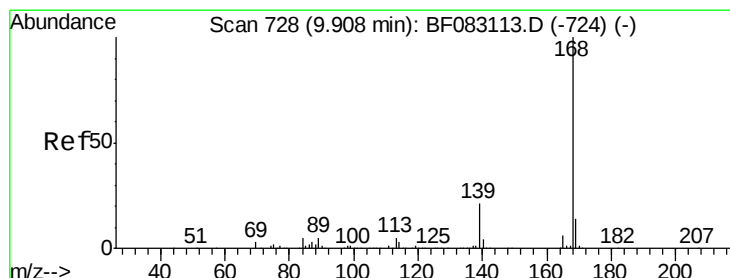
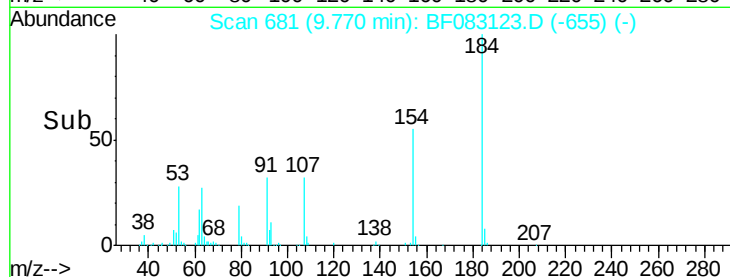
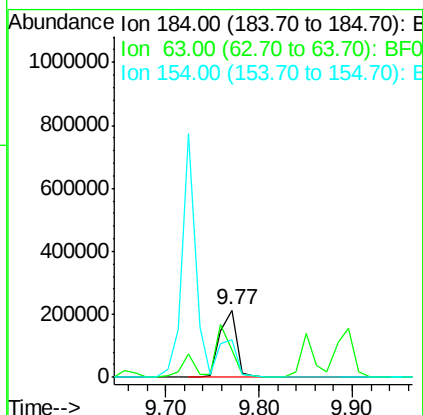
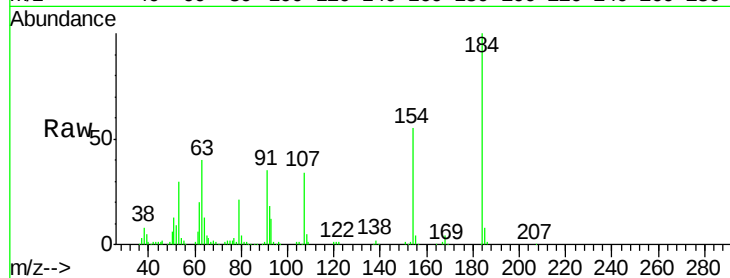
#53
2,4-Dinitrophenol
Concen: 73.03 ng
RT: 9.77 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF083123.D
Acq: 21 Nov 2015 21:01

Instrument :
BNA_F
ClientSampleId :
PB86620BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	39.8	60.5	90.7#
154	55.3	54.3	81.5

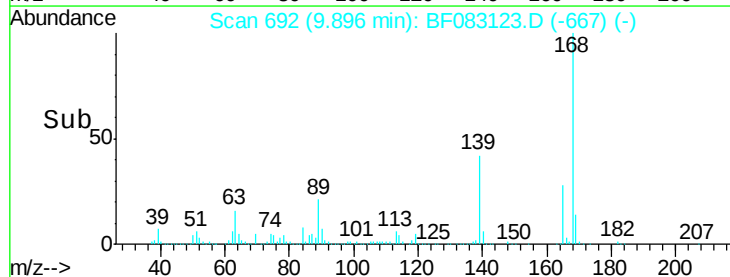
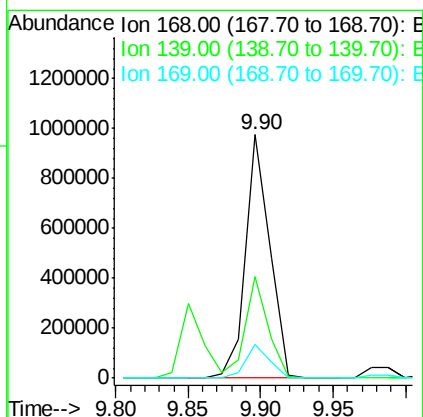
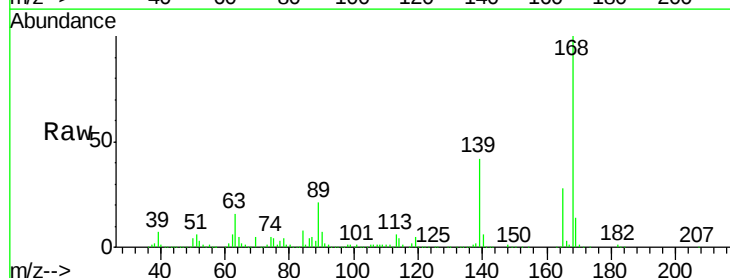
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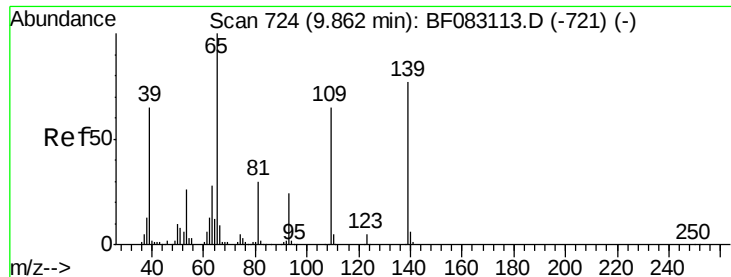
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#54
Dibenzofuran
Concen: 33.99 ng
RT: 9.90 min Scan# 692
Delta R.T. -0.01 min
Lab File: BF083123.D
Acq: 21 Nov 2015 21:01

Tgt Ion	Ratio	Lower	Upper
168	100		
139	41.8	30.2	45.2
169	13.9	10.9	16.3





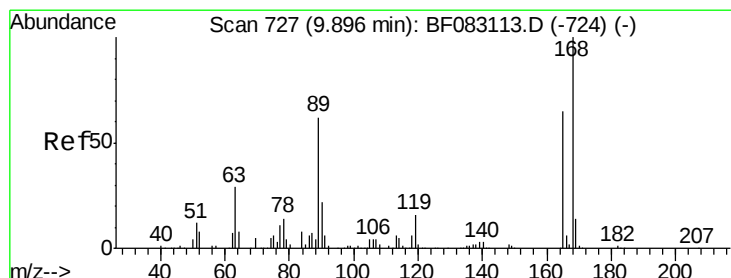
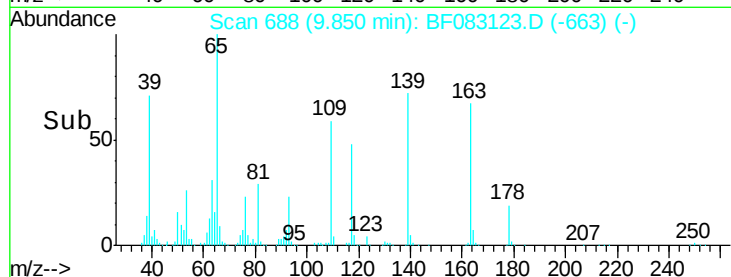
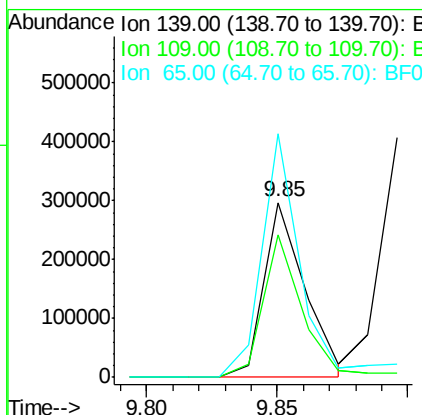
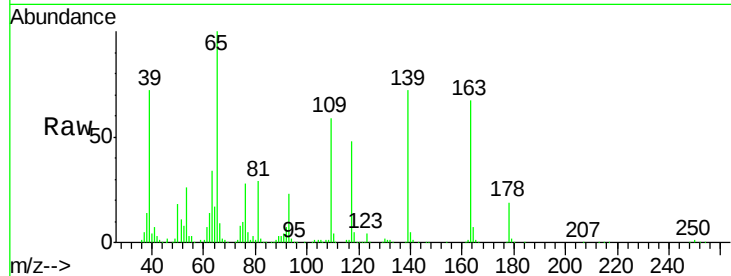
#55
4-Nitrophenol
Concen: 61.64 ng
RT: 9.85 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF083123.D
Acq: 21 Nov 2015 21:01

Instrument :
BNA_F
ClientSampleId :
PB86620BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	81.6	64.0	104.0	
65	139.2	109.5	149.5	

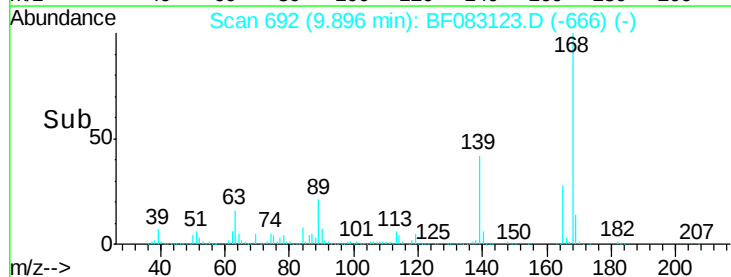
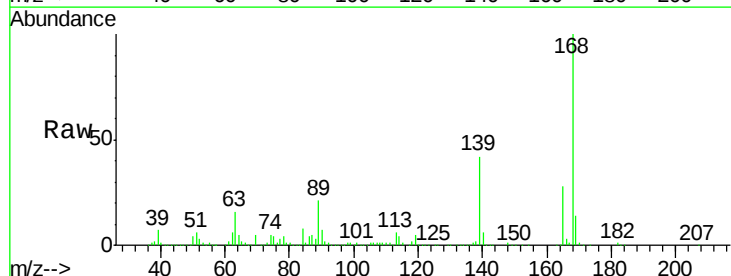
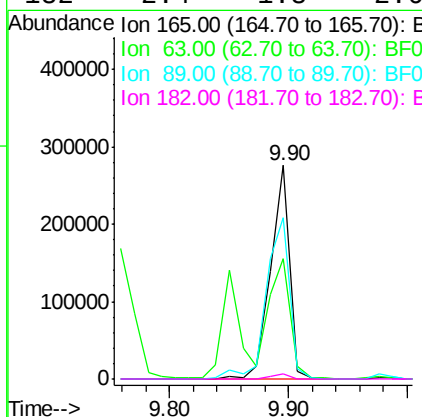
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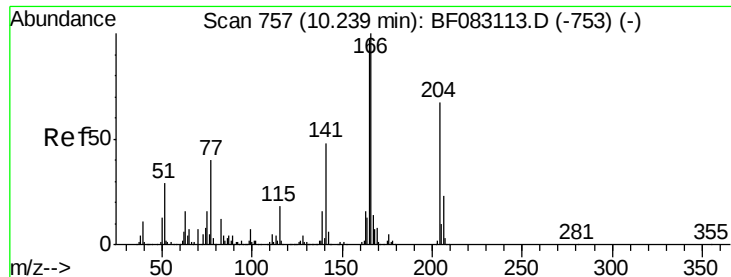
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#56
2,4-Dinitrotoluene
Concen: 37.63 ng
RT: 9.90 min Scan# 692
Delta R.T. -0.00 min
Lab File: BF083123.D
Acq: 21 Nov 2015 21:01

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	56.2	54.5	81.7	
89	75.7	77.3	115.9	
182	2.4	1.8	2.6	





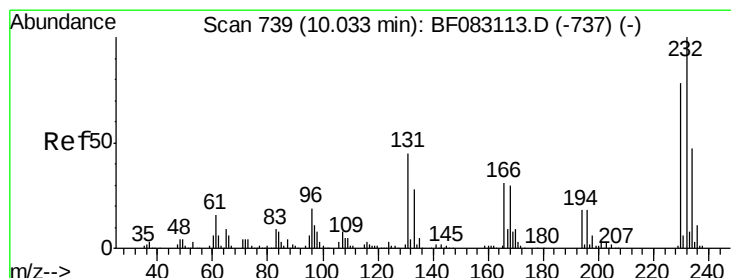
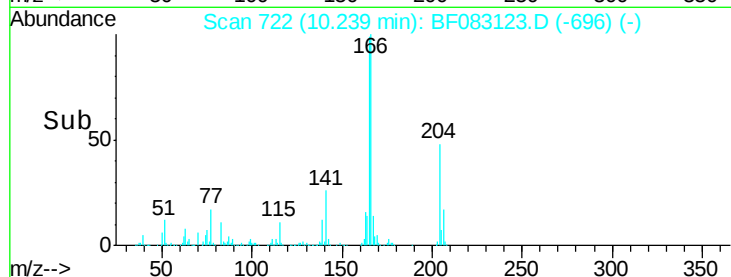
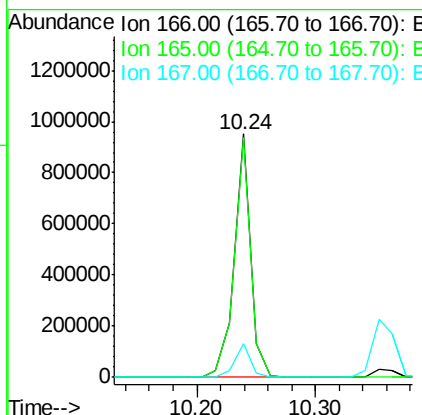
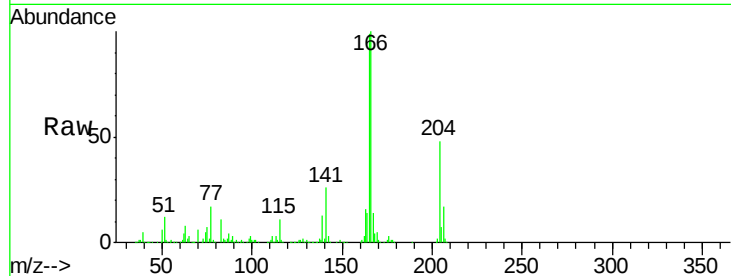
#57
 Fluorene
 Concen: 33.36 ng
 RT: 10.24 min Scan# 722
 Delta R.T. -0.00 min
 Lab File: BF083123.D
 Acq: 21 Nov 2015 21:01

Instrument :
 BNA_F
 ClientSampleId :
 PB86620BS

Manual Integrations
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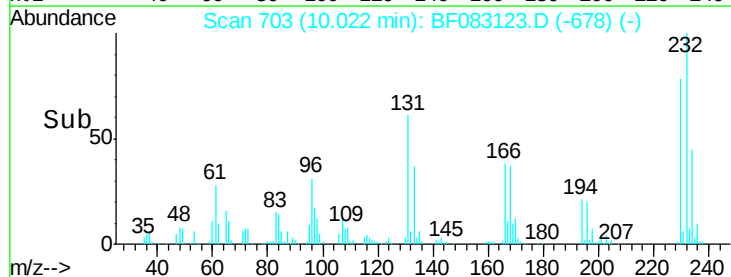
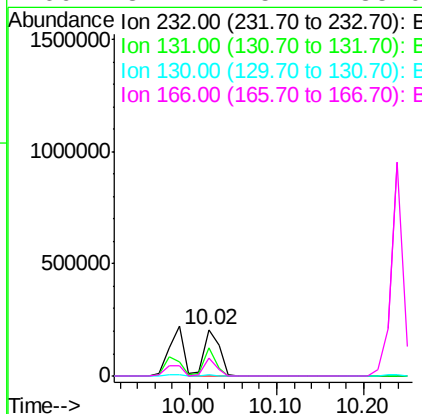
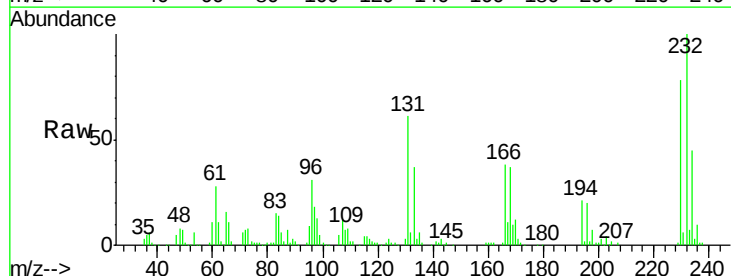
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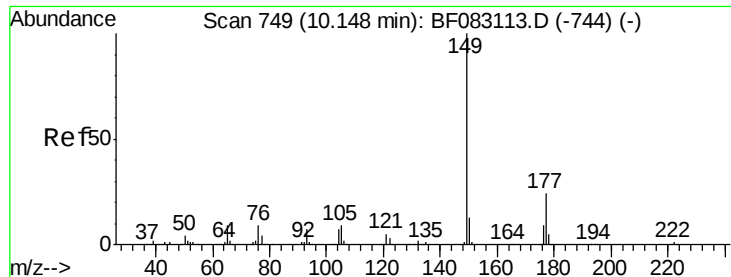
Tot Ion	Ratio	Lower	Upper
166	100		
165	98.6	78.0	117.0
167	13.9	11.3	16.9



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 35.57 ng
 RT: 10.02 min Scan# 703
 Delta R.T. -0.01 min
 Lab File: BF083123.D
 Acq: 21 Nov 2015 21:01

Tgt Ion	Ratio	Lower	Upper
232	100		
131	47.5	38.6	57.8
130	2.2	1.9	2.9
166	31.2	25.4	38.0





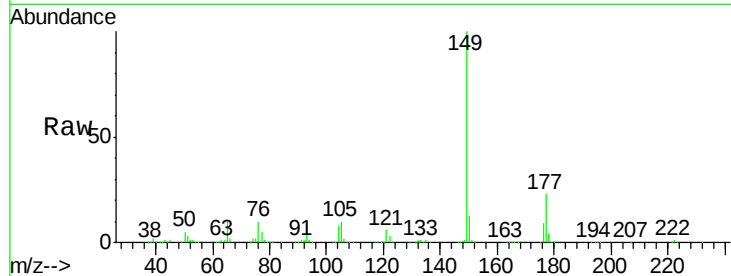
#59
Diethylphthalate
Concen: 36.09 ng
RT: 10.14 min Scan# 713
Delta R.T. -0.01 min
Lab File: BF083123.D
Acq: 21 Nov 2015 21:01

Instrument :
BNA_F
ClientSampleId :
PB86620BS

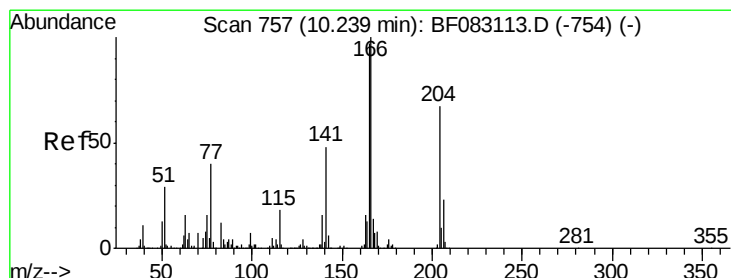
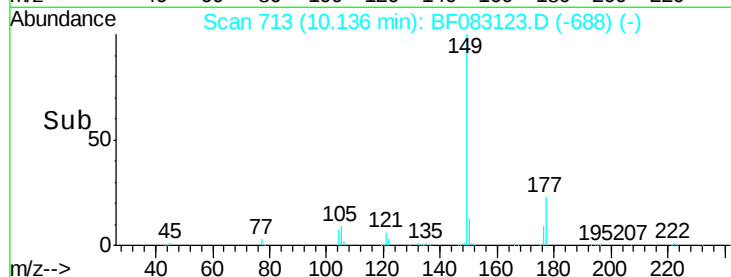
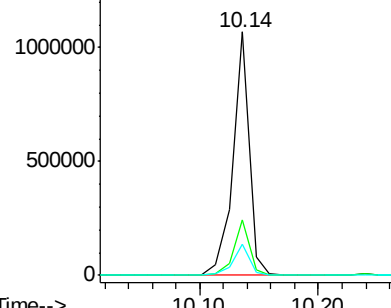
Tot Ion	Ratio	Lower	Upper
149	100		
177	22.6	19.4	29.2
150	12.7	10.2	15.2

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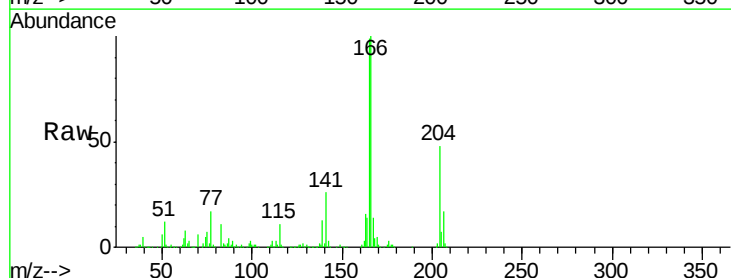


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

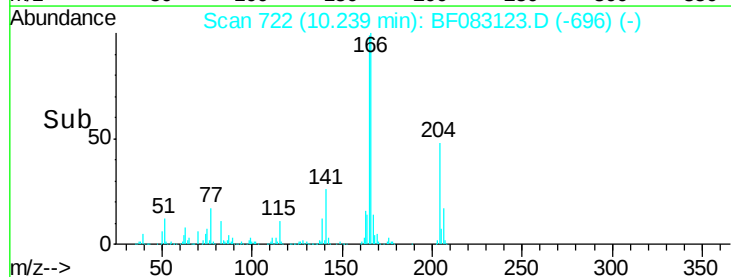
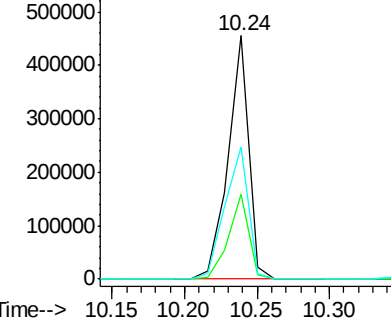


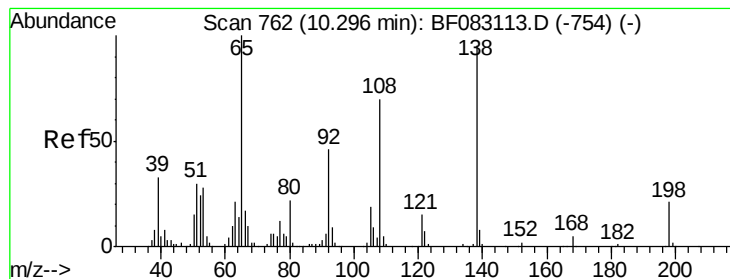
#60
4-Chlorophenyl-phenylether
Concen: 35.81 ng
RT: 10.24 min Scan# 722
Delta R.T. -0.00 min
Lab File: BF083123.D
Acq: 21 Nov 2015 21:01

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.9	27.4	41.0
141	54.4	57.4	86.2#



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: 32.50 ng

RT: 10.27 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF083123.D

Acq: 21 Nov 2015 21:01

Instrument :

BNA_F

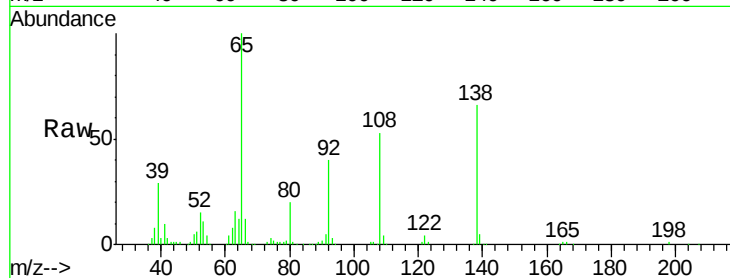
ClientSampleId :

PB86620BS

Tot Ion:	138	Resp:	219113
Ion Ratio	Lower	Upper	
138	100		
92	60.0	28.4	68.4
108	80.6	53.5	93.5

Manual Integrations
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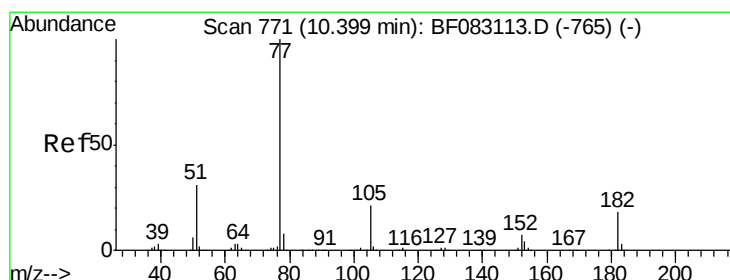
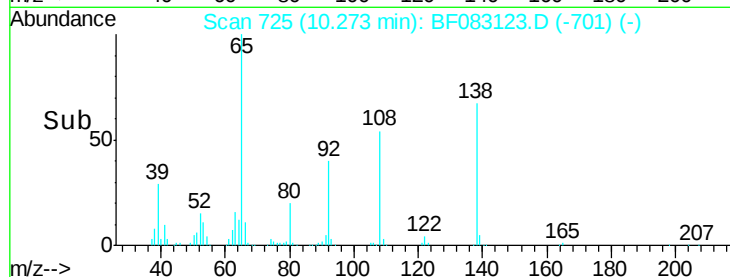
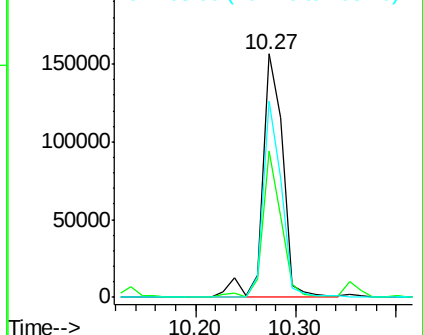


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 36.81 ng

RT: 10.40 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF083123.D

Acq: 21 Nov 2015 21:01

Tgt Ion:	77	Resp:	1196794
Ion Ratio	Lower	Upper	
77	100		
182	27.7	0.0	38.3
105	24.3	1.2	41.2
51	27.1	11.1	51.1

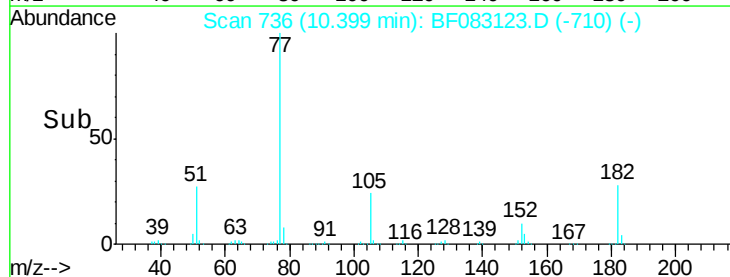
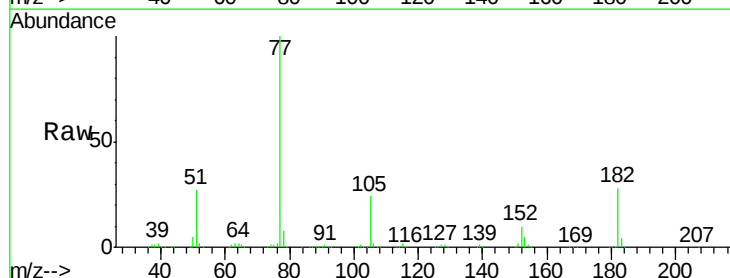
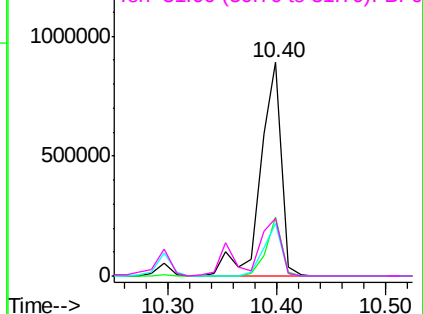
Abundance

Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





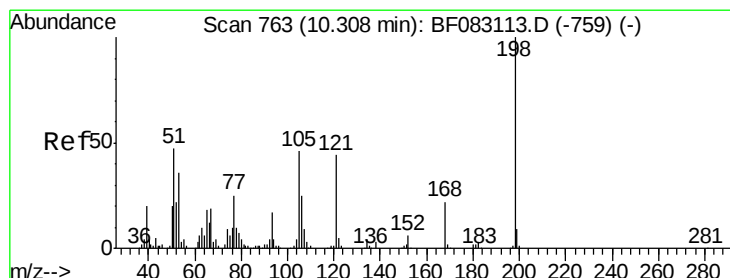
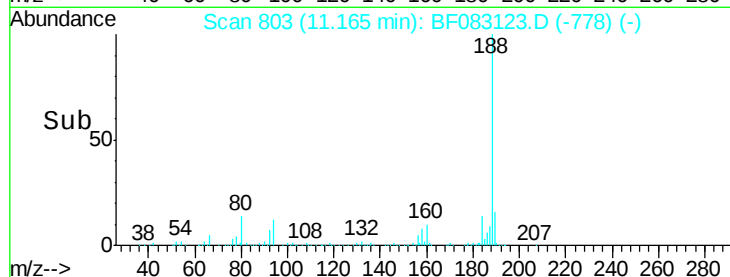
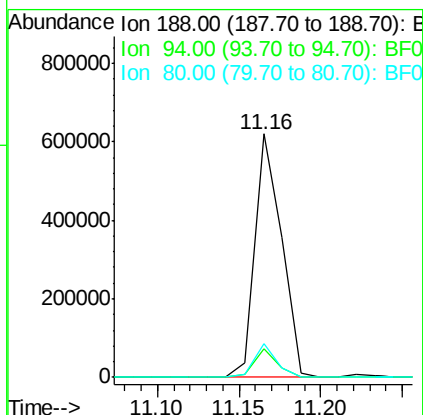
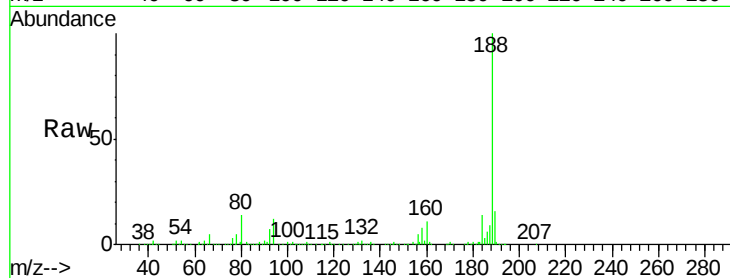
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.16 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF083123.D
Acq: 21 Nov 2015 21:01

Instrument :
BNA_F
ClientSampleId :
PB86620BS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	11.9	6.0	9.0#
80	13.8	6.7	10.1#

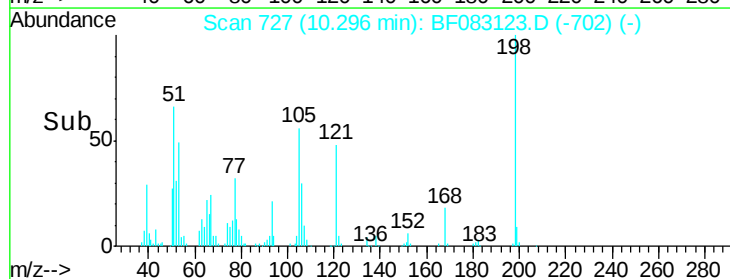
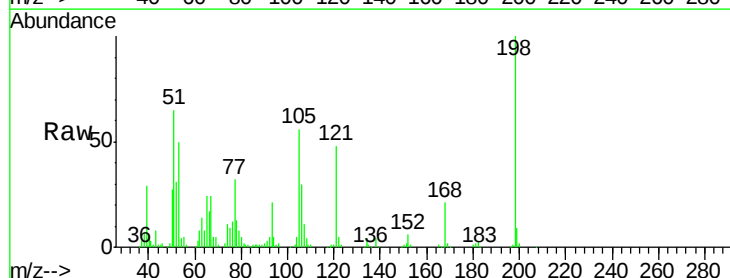
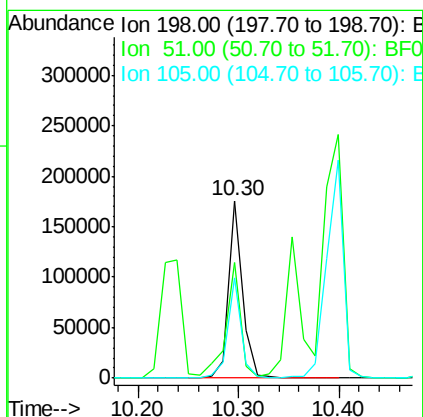
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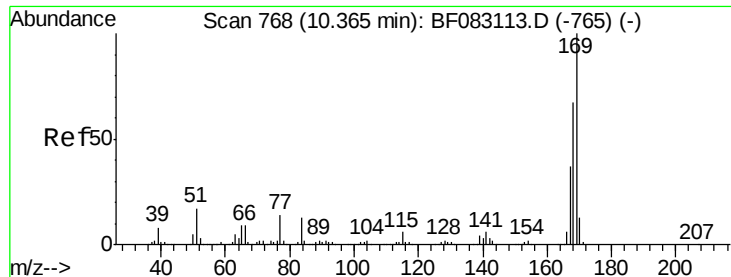
Mmdadoda
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#64
4,6-Dinitro-2-methylphenol
Concen: 34.90 ng
RT: 10.30 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF083123.D
Acq: 21 Nov 2015 21:01

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	65.3	27.0	67.0
105	56.3	26.1	66.1





#65

n-Nitrosodiphenylamine

Concen: 33.58 ng

RT: 10.35 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF083123.D

Acq: 21 Nov 2015 21:01

Instrument :

BNA_F

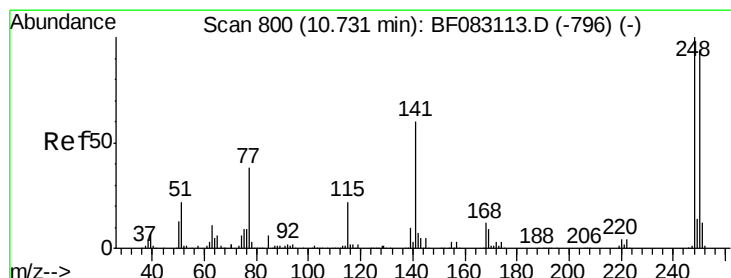
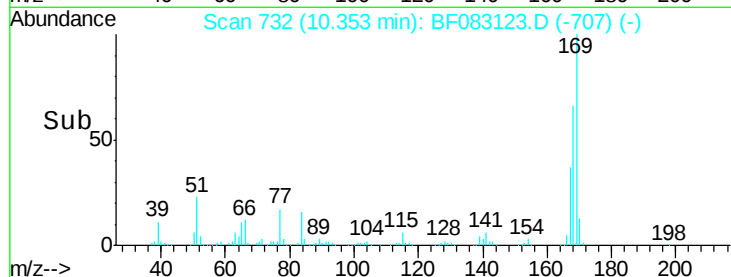
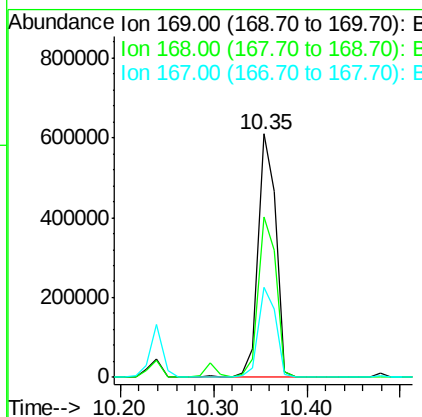
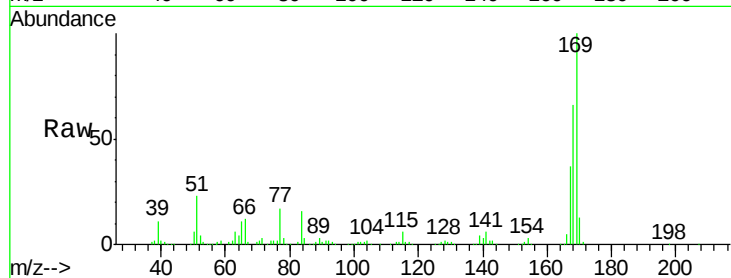
ClientSampleId :

PB86620BS

Tot Ion:	169	Resp:	808847
Ion Ratio	Lower	Upper	
169	100		
168	66.1	53.8	80.6
167	37.0	29.8	44.8

Manual Integrations
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#66

4-Bromophenyl-phenylether

Concen: 33.72 ng

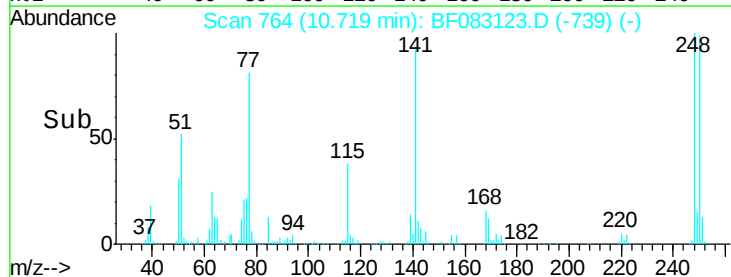
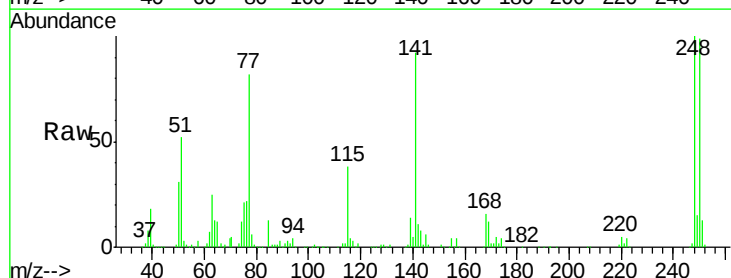
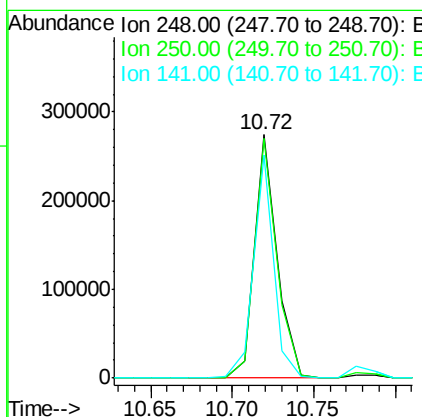
RT: 10.72 min Scan# 764

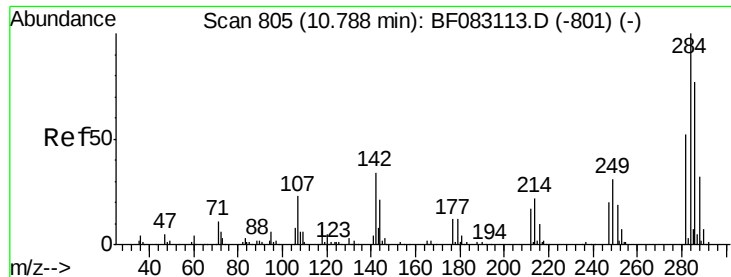
Delta R.T. -0.01 min

Lab File: BF083123.D

Acq: 21 Nov 2015 21:01

Tgt Ion:	248	Resp:	265008
Ion Ratio	Lower	Upper	
248	100		
250	98.6	75.4	113.2
141	91.5	48.1	72.1#





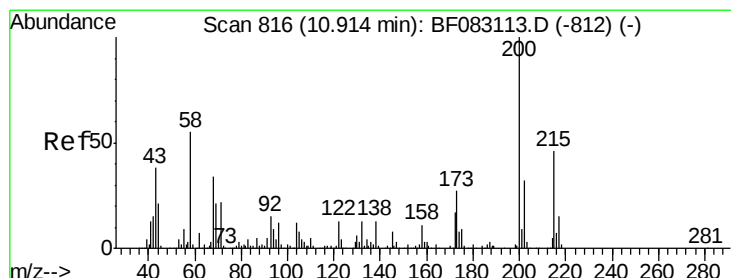
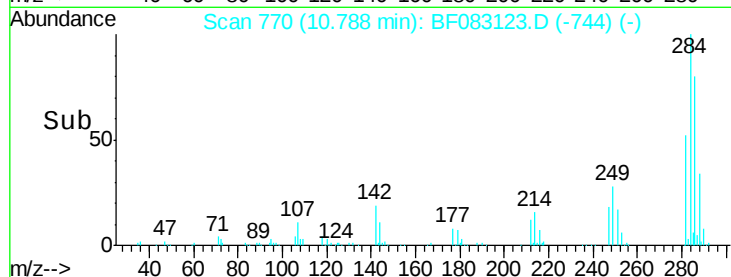
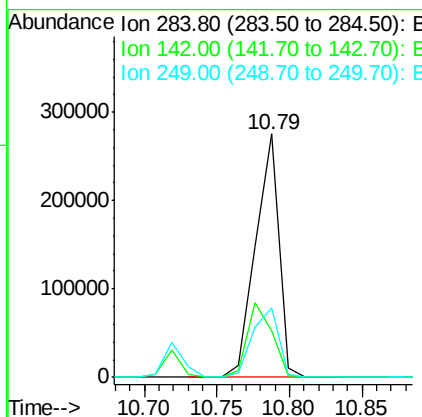
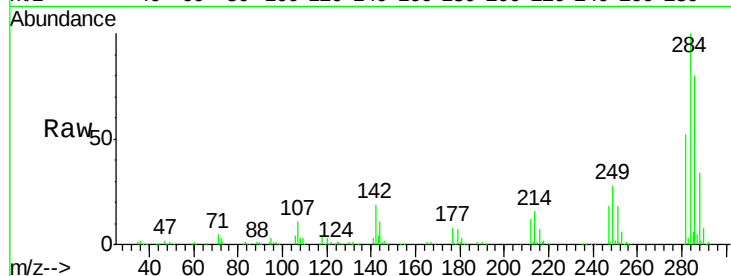
#67
Hexachlorobenzene
Concen: 35.66 ng
RT: 10.79 min Scan# 770
Delta R.T. -0.00 min
Lab File: BF083123.D
Acq: 21 Nov 2015 21:01

Instrument :
BNA_F
ClientSampleId :
PB86620BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	19.3	27.6	41.4#	
249	28.5	25.5	38.3	

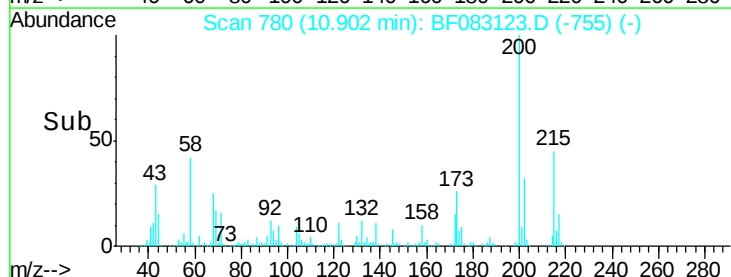
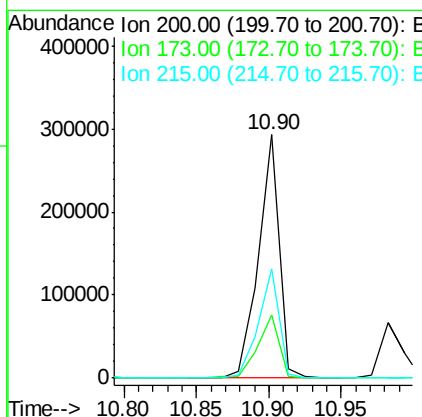
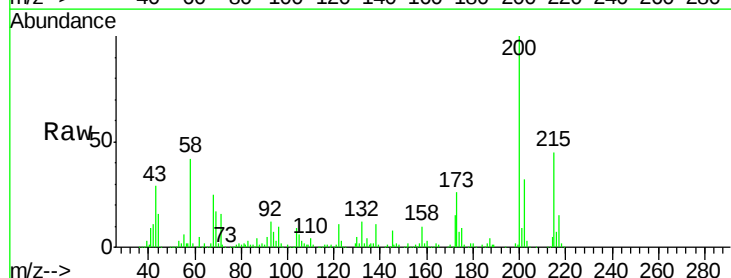
Manual Integrations
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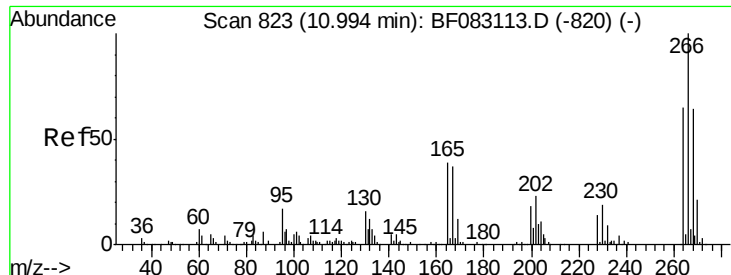
Mmdadoda
11/23/2015 7:01:26 PM



#68
Atrazine
Concen: 41.66 ng
RT: 10.90 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF083123.D
Acq: 21 Nov 2015 21:01

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	26.1	7.2	47.2	
215	45.0	25.7	65.7	





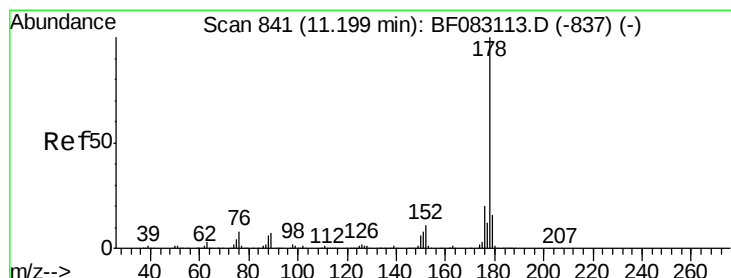
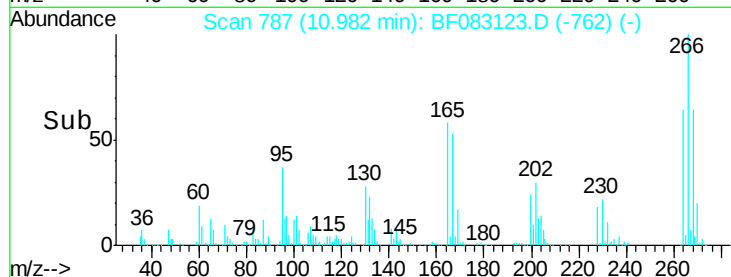
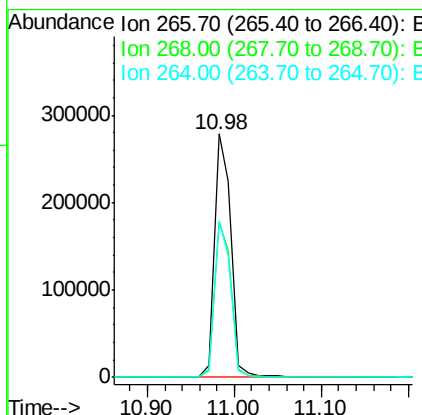
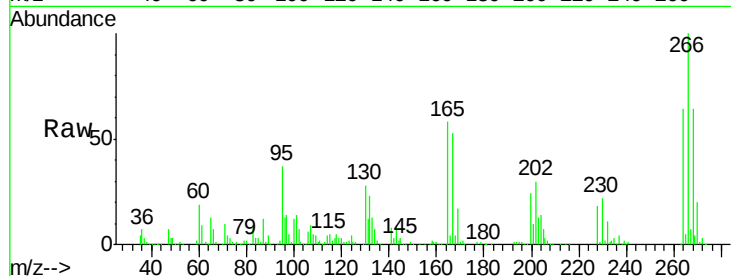
#69
 Pentachlorophenol
 Concen: 66.13 ng
 RT: 10.98 min Scan# 787
 Delta R.T. -0.01 min
 Lab File: BF083123.D
 Acq: 21 Nov 2015 21:01

Instrument :
 BNA_F
 ClientSampleId :
 PB86620BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.9	51.4	77.0
264	64.4	51.7	77.5

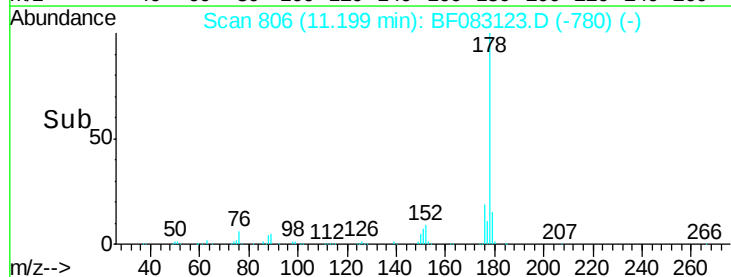
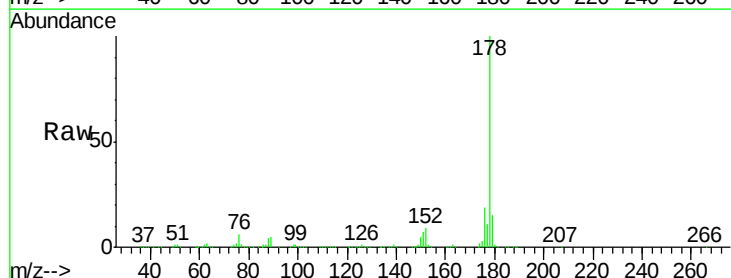
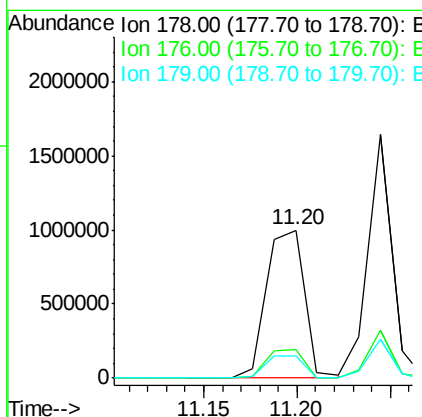
Manual Integrations
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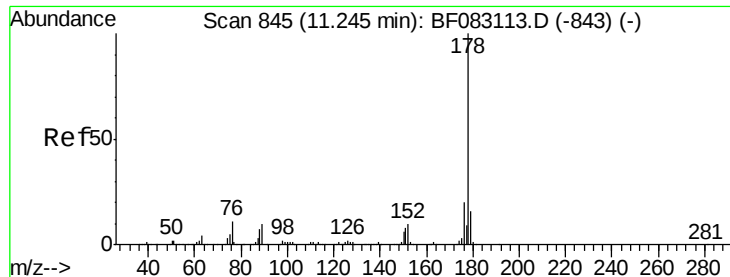
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#70
 Phenanthrene
 Concen: 34.72 ng
 RT: 11.20 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: BF083123.D
 Acq: 21 Nov 2015 21:01

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.2	24.2
179	15.0	12.8	19.2





#71
 Anthracene
 Concen: 35.19 ng
 RT: 11.24 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF083123.D
 Acq: 21 Nov 2015 21:01

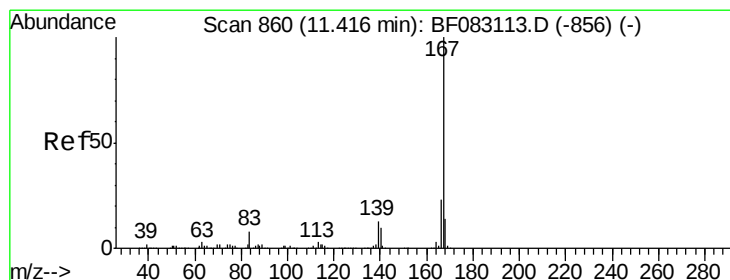
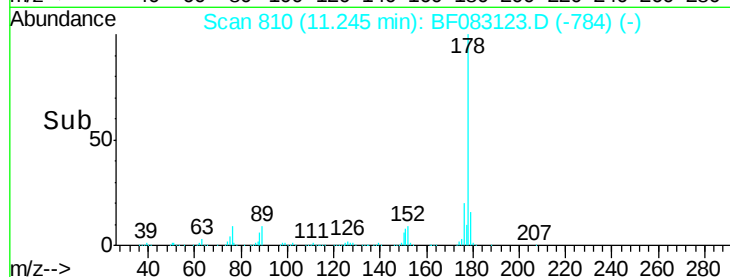
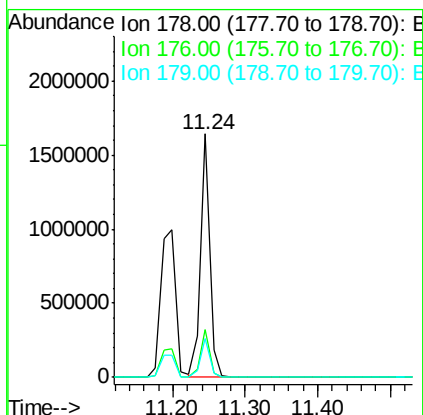
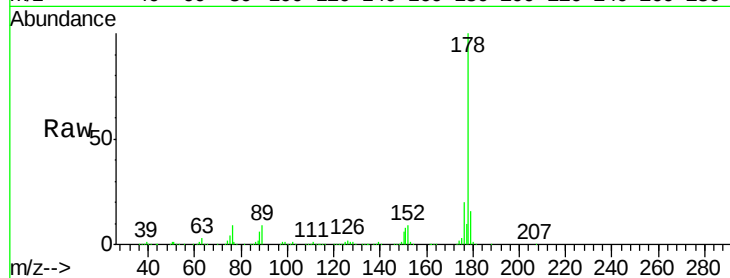
Instrument :
 BNA_F
 ClientSampleId :
 PB86620BS

Tot Ion:178 Resp: 1464934

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.6	23.4
179	16.2	13.2	19.8

Manual Integrations
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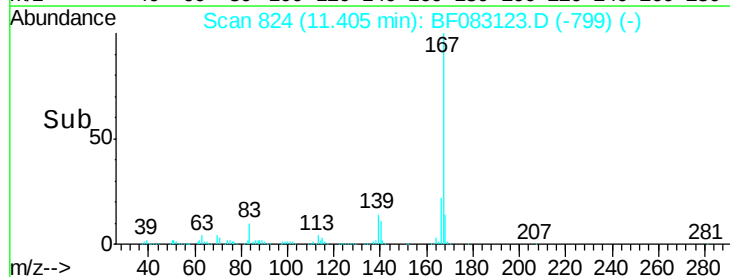
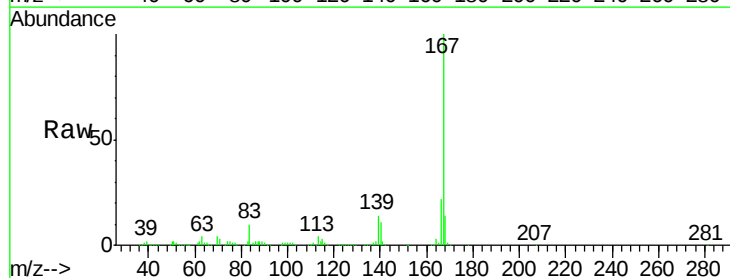
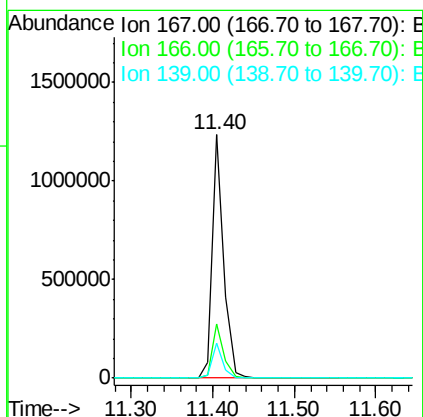
Mmdadoda
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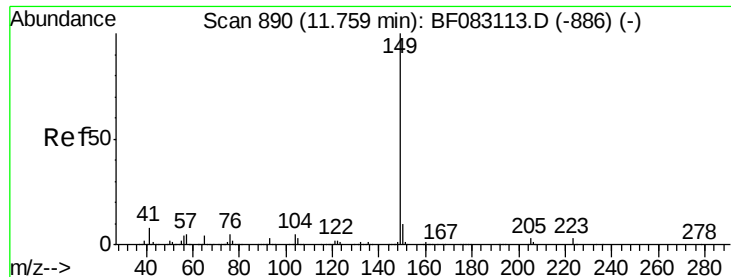


#72
 Carbazole
 Concen: 32.88 ng
 RT: 11.40 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BF083123.D
 Acq: 21 Nov 2015 21:01

Tgt Ion:167 Resp: 1216573

Ion	Ratio	Lower	Upper
167	100		
166	22.5	18.0	27.0
139	14.4	10.5	15.7





#73

Di-n-butylphthalate

Concen: 34.04 ng

RT: 11.75 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF083123.D

Acq: 21 Nov 2015 21:01

Instrument :

BNA_F

ClientSampleId :

PB86620BS

Tot Ion:149 Resp: 1537432

Ion Ratio Lower Upper

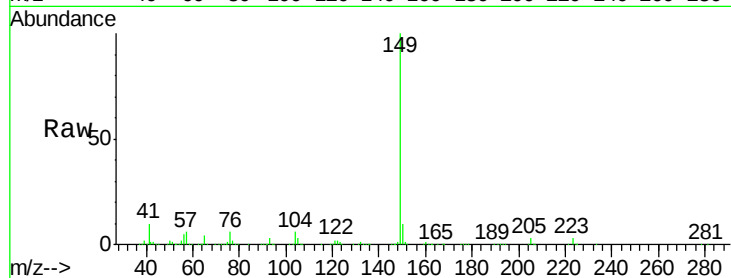
149 100

150 10.1 8.0 12.0

104 5.6 4.4 6.6

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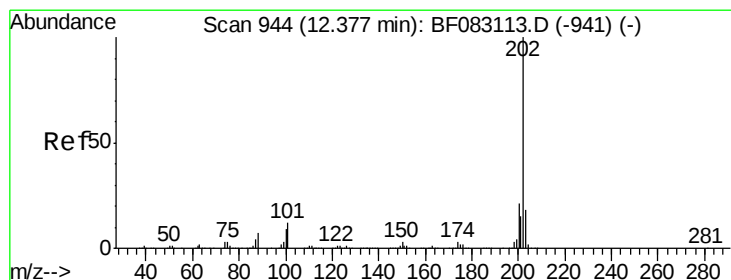
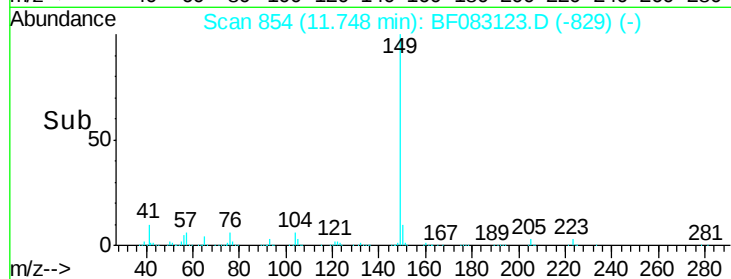
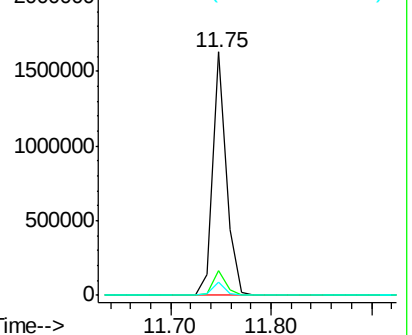
Mmdadoda
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.24 ng

RT: 12.38 min Scan# 909

Delta R.T. -0.00 min

Lab File: BF083123.D

Acq: 21 Nov 2015 21:01

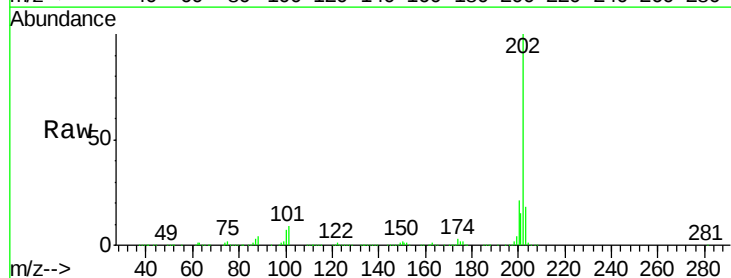
Tgt Ion:202 Resp: 1555174

Ion Ratio Lower Upper

202 100

101 8.9 0.0 32.3

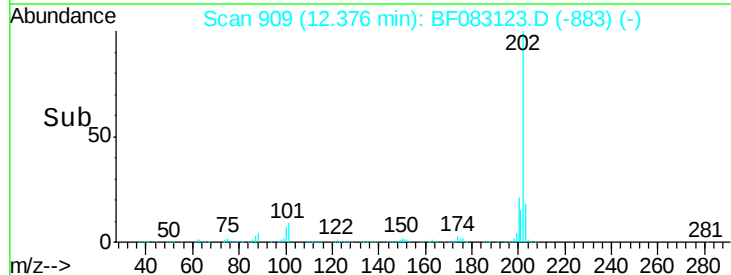
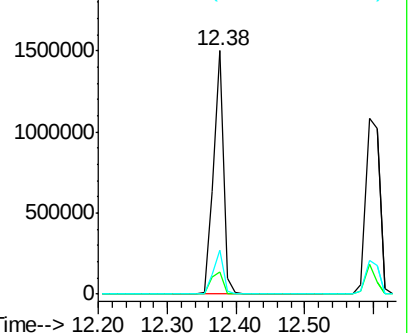
203 18.0 0.0 38.4

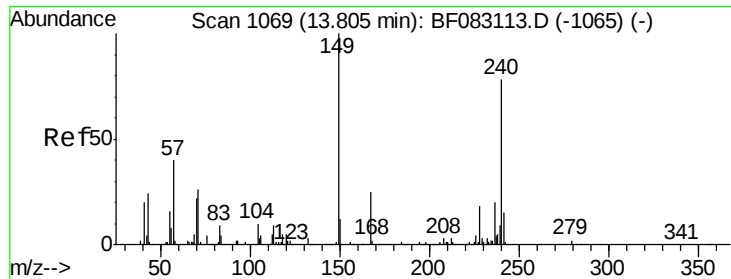


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.79 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF083123.D

Acq: 21 Nov 2015 21:01

Instrument :

BNA_F

ClientSampleId :

PB86620BS

Tot Ion:240 Resp: 631167
Ion Ratio Lower Upper

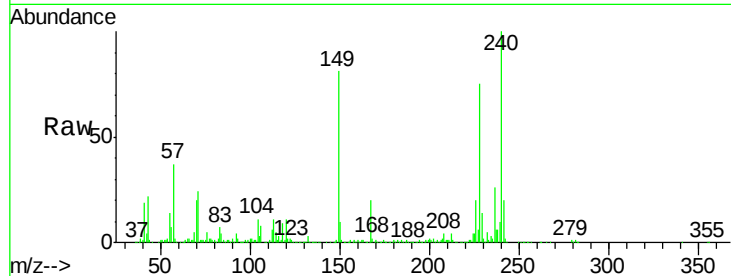
240 100

120 11.3 5.4 8.2#

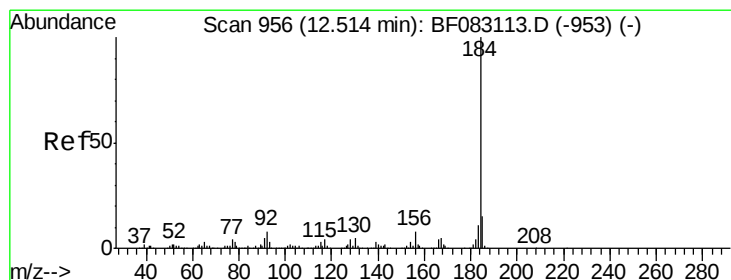
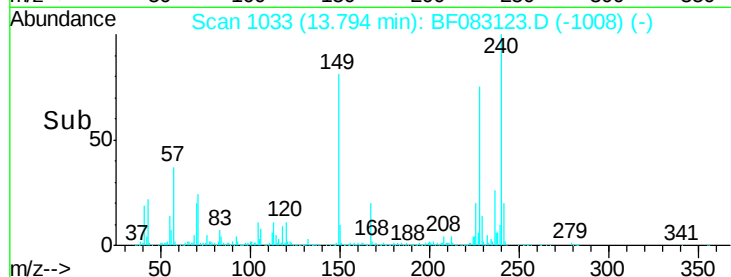
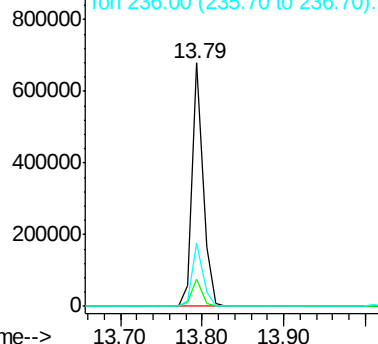
236 26.0 20.6 31.0

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



#76

Benzidine

Concen: 33.18 ng

RT: 12.51 min Scan# 921

Delta R.T. -0.00 min

Lab File: BF083123.D

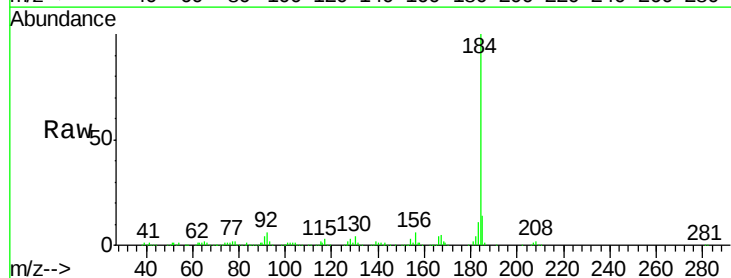
Acq: 21 Nov 2015 21:01

Tgt Ion:184 Resp: 548859
Ion Ratio Lower Upper

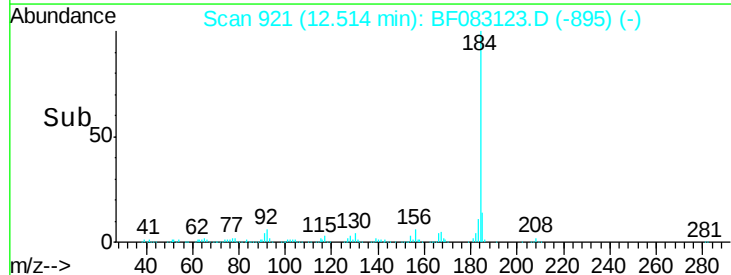
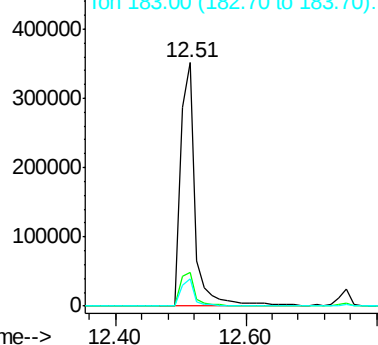
184 100

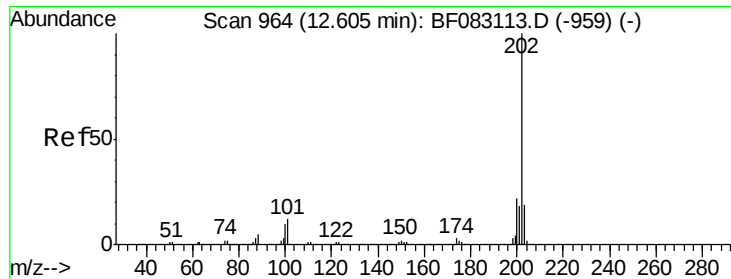
185 14.0 11.7 17.5

183 11.0 8.8 13.2



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





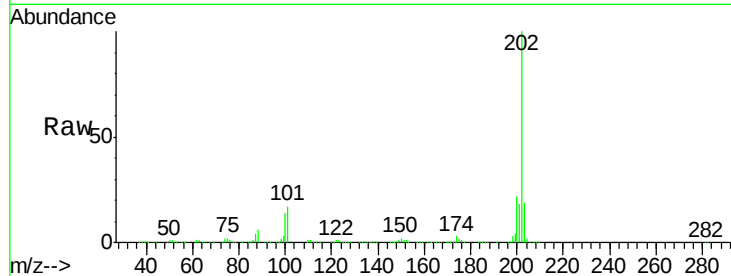
#77
Pvrene
Concen: 35.11 ng
RT: 12.59 min Scan# 928
Delta R.T. -0.01 min
Lab File: BF083123.D
Acq: 21 Nov 2015 21:01

Instrument :
BNA_F
ClientSampleId :
PB86620BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.8	26.6
203	19.3	15.0	22.4

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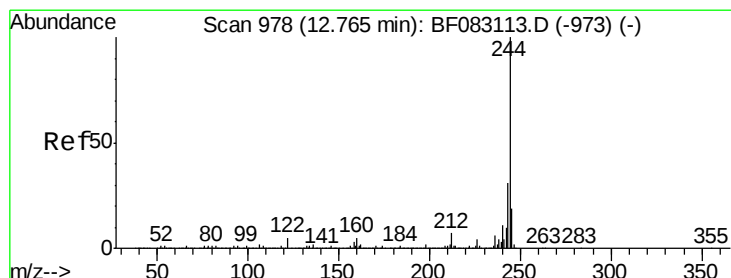
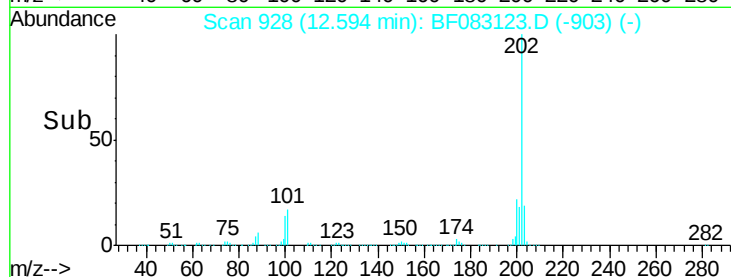
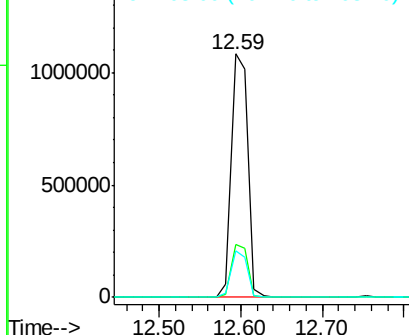


Abundance

Ion 202.00 (201.70 to 202.70): E

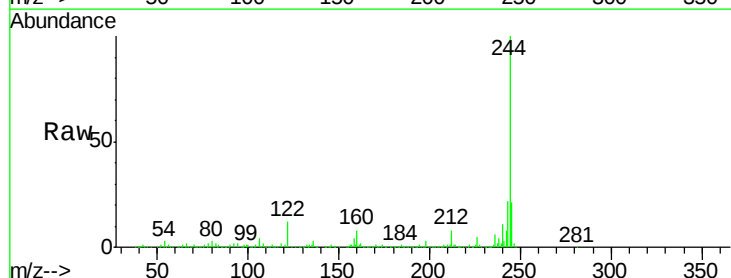
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78
Terphenyl-d14
Concen: 66.45 ng
RT: 12.75 min Scan# 942
Delta R.T. -0.01 min
Lab File: BF083123.D
Acq: 21 Nov 2015 21:01

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.4	8.2
122	11.6	4.3	6.5#

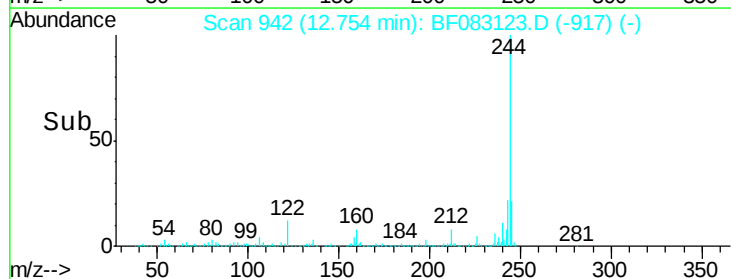
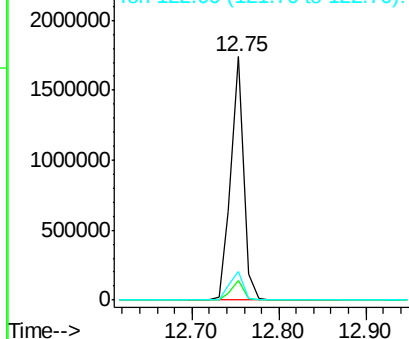


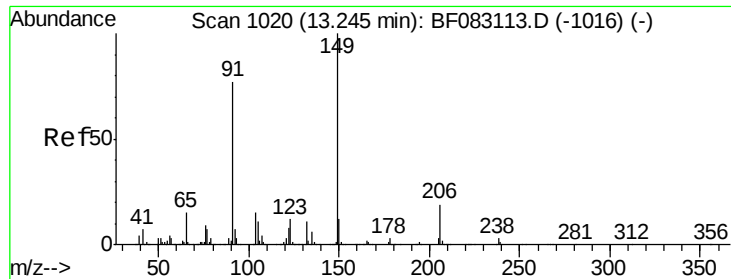
Abundance

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





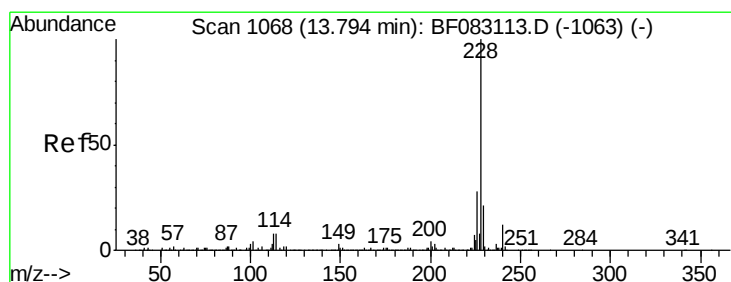
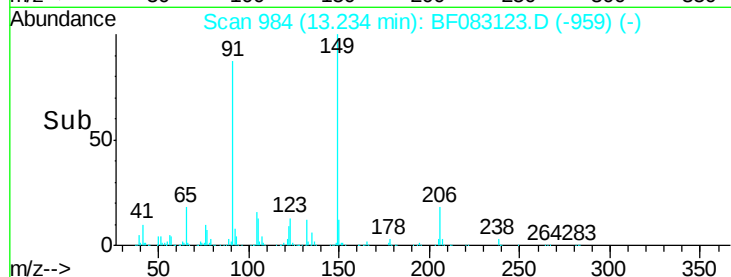
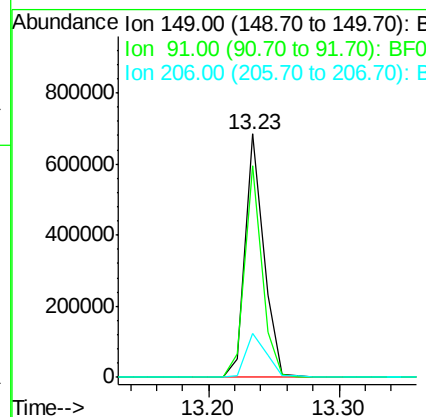
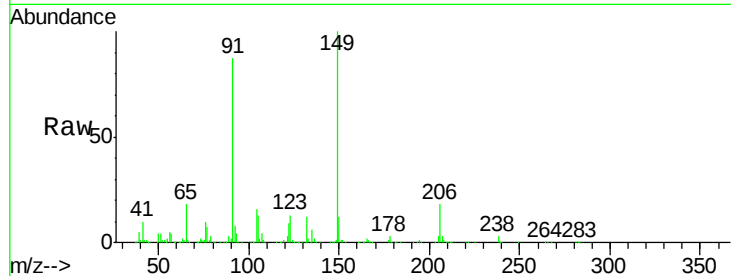
#79
Butylbenzylphthalate
Concen: 33.01 ng
RT: 13.23 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF083123.D
Acq: 21 Nov 2015 21:01

Instrument :
BNA_F
ClientSampleId :
PB86620BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	673611		
91	86.9	61.5	92.3	
206	17.8	15.3	22.9	

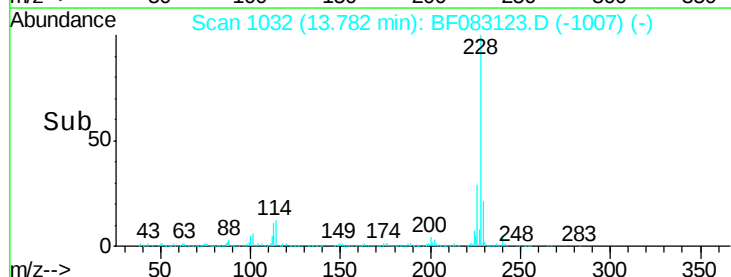
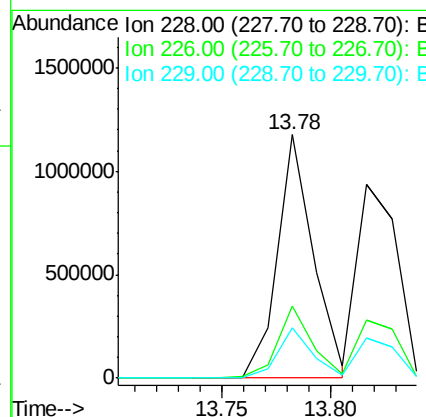
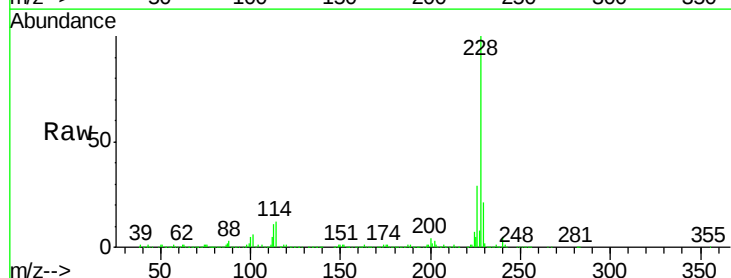
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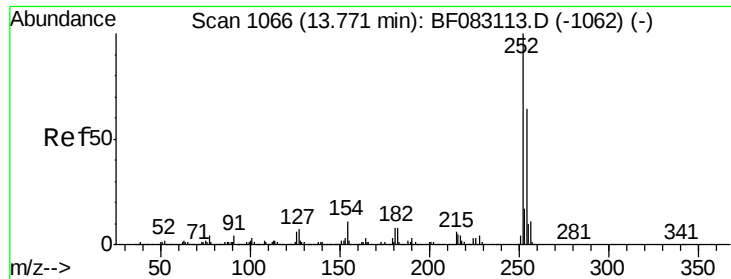
Mmdadoda
11/23/2015 7:01:26 PM



#80
Benzo(a)anthracene
Concen: 34.90 ng
RT: 13.78 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF083123.D
Acq: 21 Nov 2015 21:01

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1362428		
226	29.4	22.6	33.8	
229	20.9	16.6	24.8	





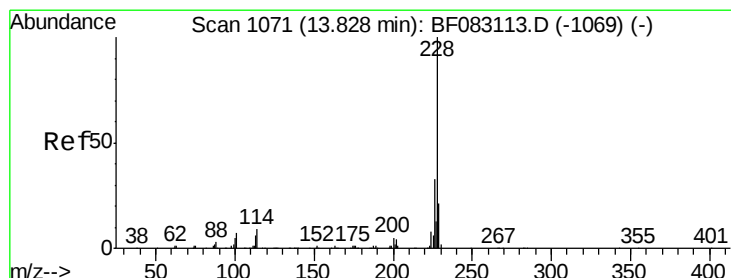
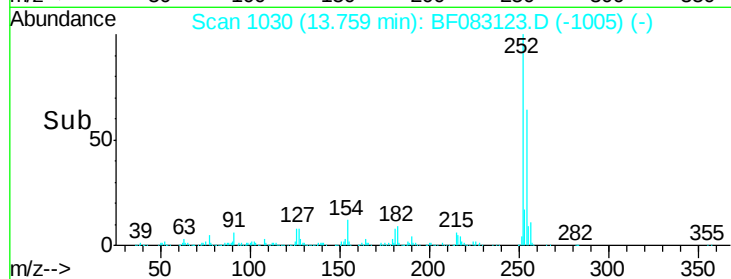
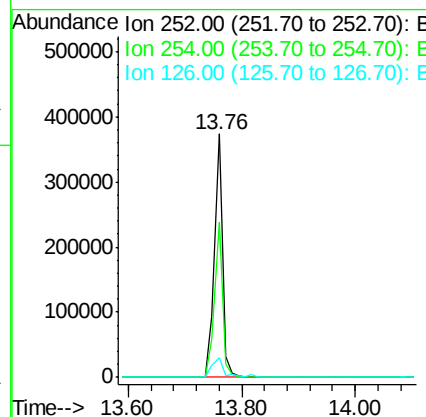
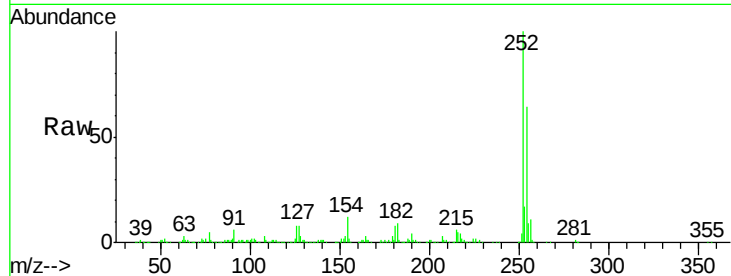
#81
 3,3'-Dichlorobenzidine
 Concen: 26.13 ng
 RT: 13.76 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: BF083123.D
 Acq: 21 Nov 2015 21:01

Instrument :
 BNA_F
 ClientSampleId :
 PB86620BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100			
254	63.5	51.5	77.3	
126	8.0	5.2	7.8	

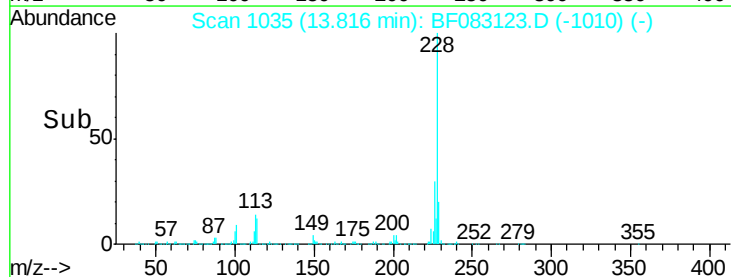
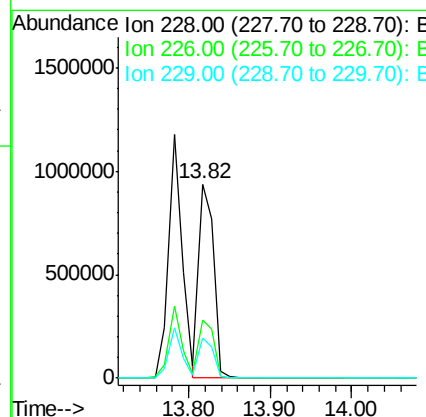
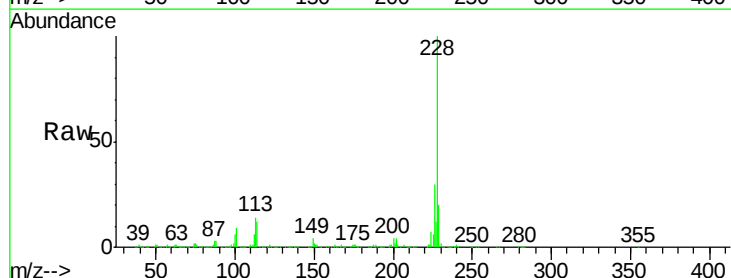
Manual Integrations
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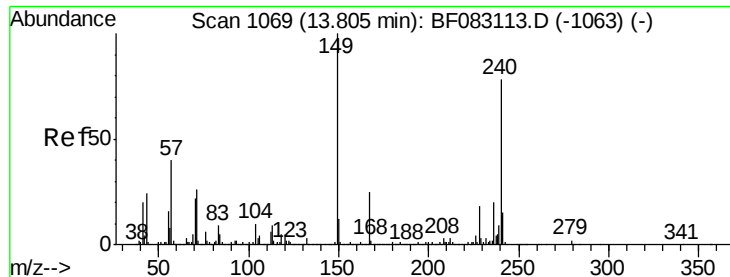
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 11/23/2015 7:01:26 PM



#82
 Chrysene
 Concen: 33.37 ng
 RT: 13.82 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BF083123.D
 Acq: 21 Nov 2015 21:01

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	30.0	25.5	38.3	
229	20.5	16.6	25.0	





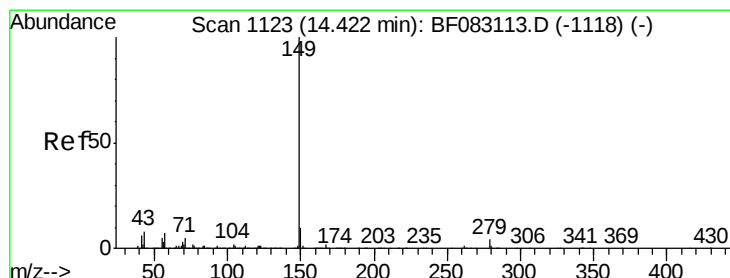
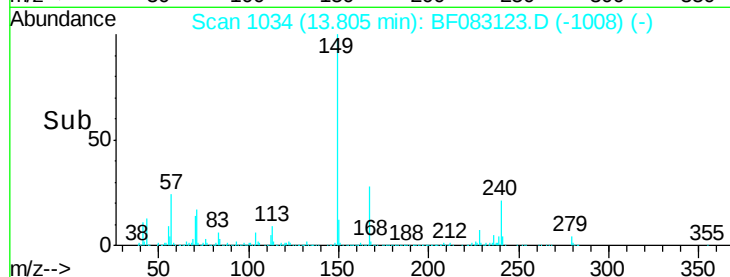
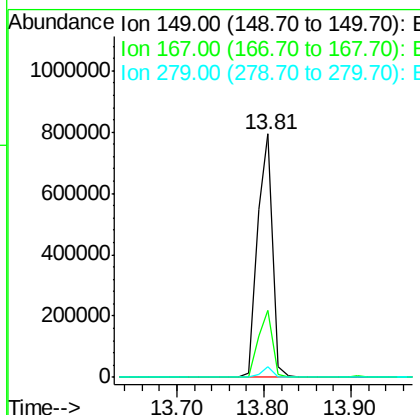
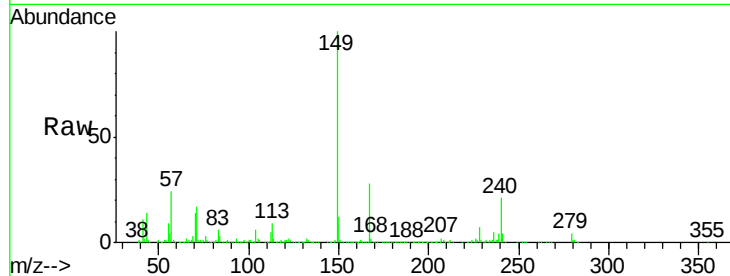
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.18 ng
 RT: 13.81 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: BF083123.D
 Acq: 21 Nov 2015 21:01

Instrument :
 BNA_F
 ClientSampleId :
 PB86620BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.7	20.1	30.1
279	4.1	1.7	2.5

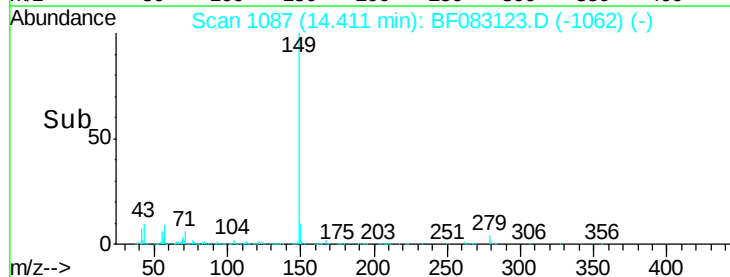
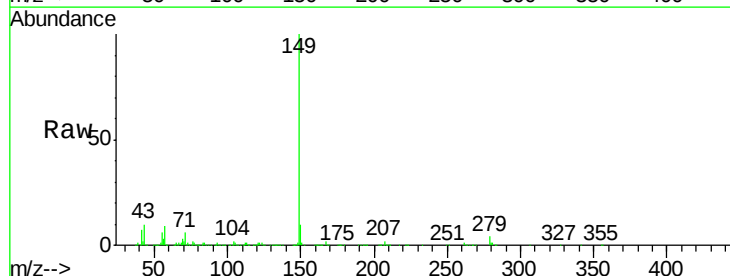
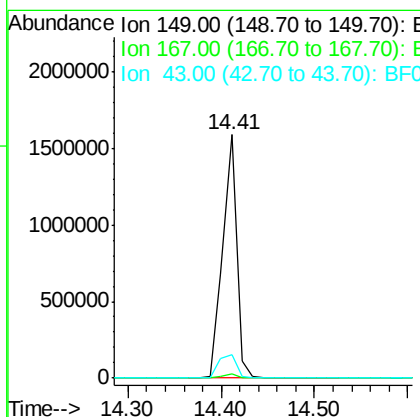
Manual Integrations
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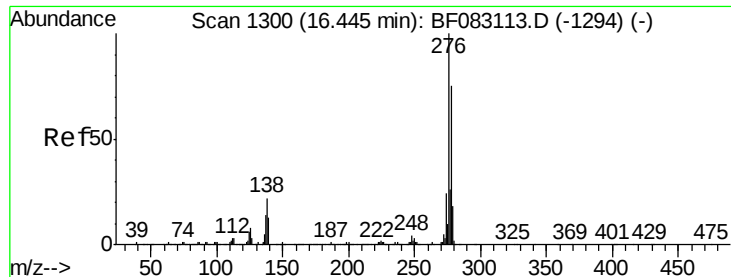
Mmdadoda
 11/23/2015 7:01:26 PM



#84
 Di-n-octyl phthalate
 Concen: 35.93 ng
 RT: 14.41 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: BF083123.D
 Acq: 21 Nov 2015 21:01

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	12.3	9.5	14.3





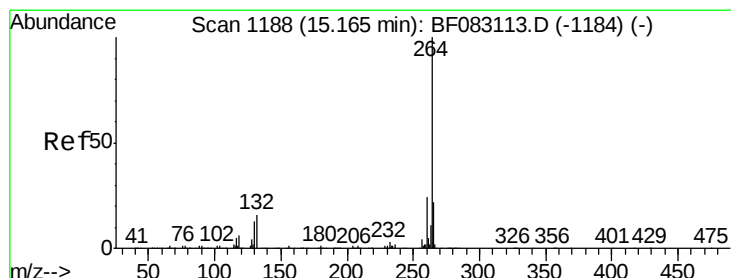
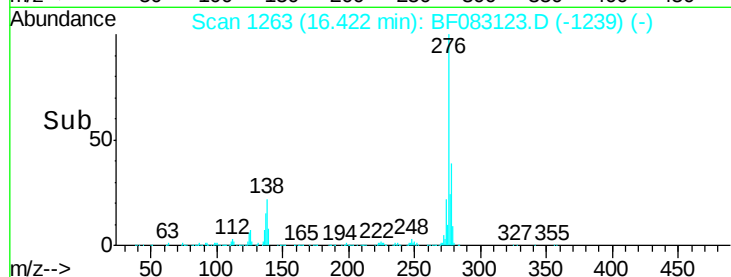
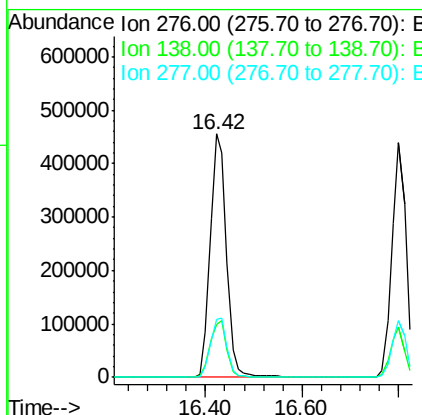
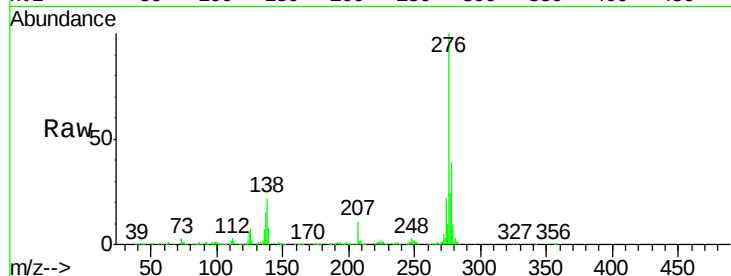
#85
Indeno(1,2,3-cd)pyrene
Concen: 33.07 ng
RT: 16.42 min Scan# 1263
Delta R.T. -0.02 min
Lab File: BF083123.D
Acq: 21 Nov 2015 21:01

Instrument :
BNA_F
ClientSampleId :
PB86620BS

Tot Ion:276 Resp: 1088883
Ion Ratio Lower Upper
276 100
138 23.7 18.0 27.0
277 25.0 20.2 30.4

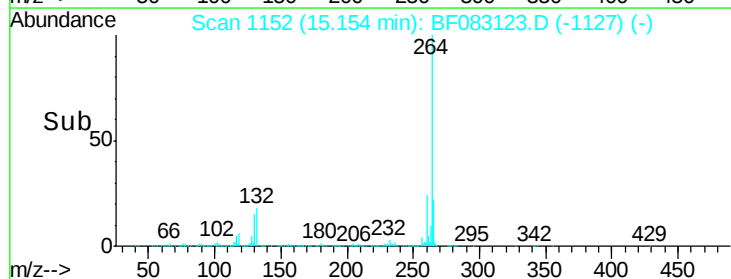
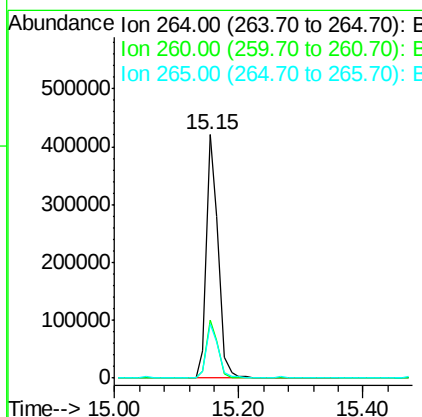
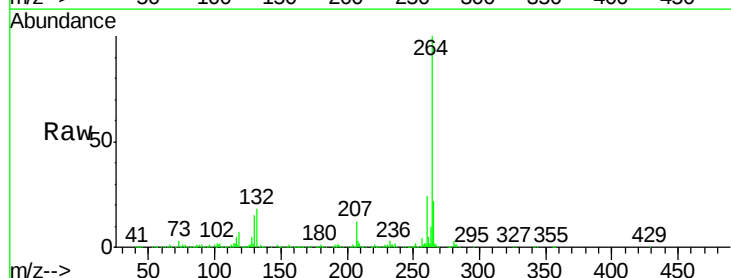
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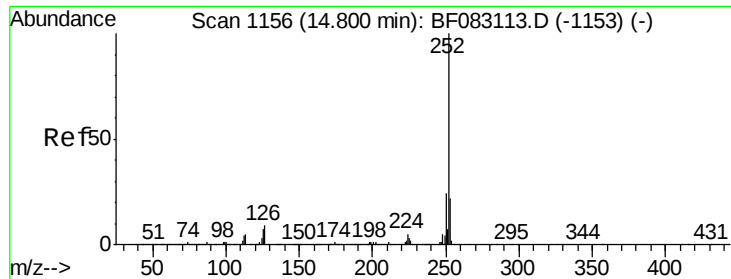
Mmdadoda
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.15 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BF083123.D
Acq: 21 Nov 2015 21:01

Tgt Ion:264 Resp: 552275
Ion Ratio Lower Upper
264 100
260 24.1 19.1 28.7
265 22.4 18.2 27.4





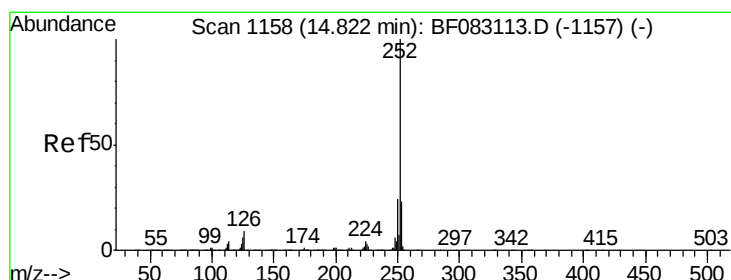
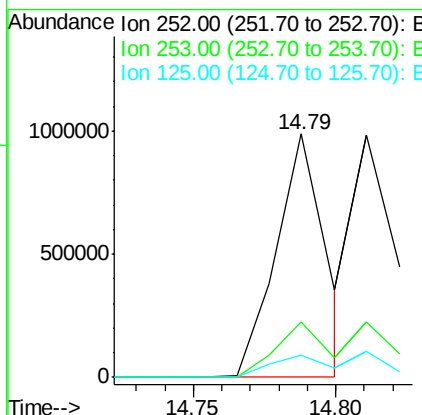
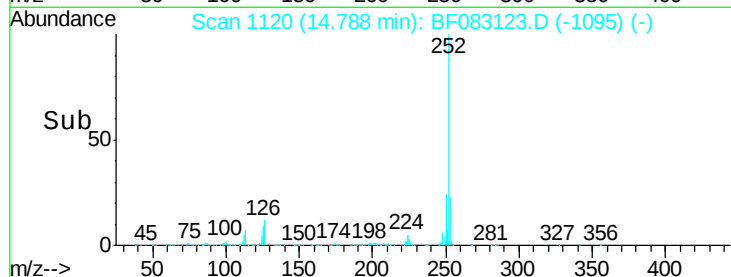
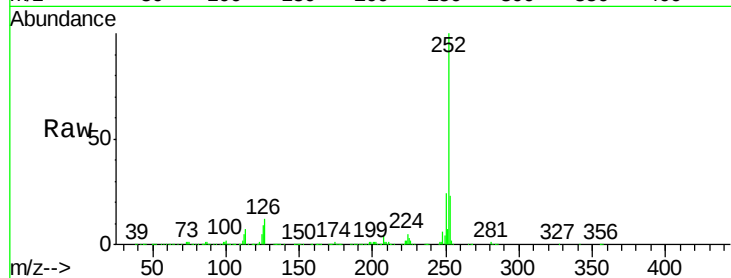
#87
Benzo(b)fluoranthene
Concen: 31.56 ng m
RT: 14.79 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BF083123.D
Acq: 21 Nov 2015 21:01

Instrument :
BNA_F
ClientSampleId :
PB86620BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.7	26.5
125	9.1	5.6	8.4

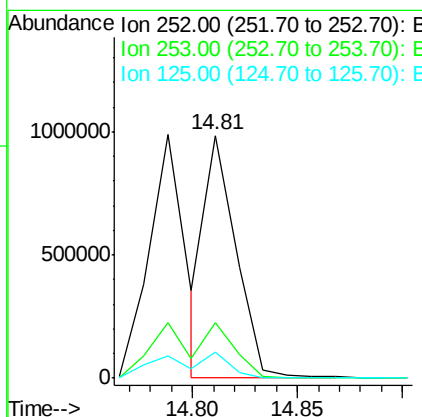
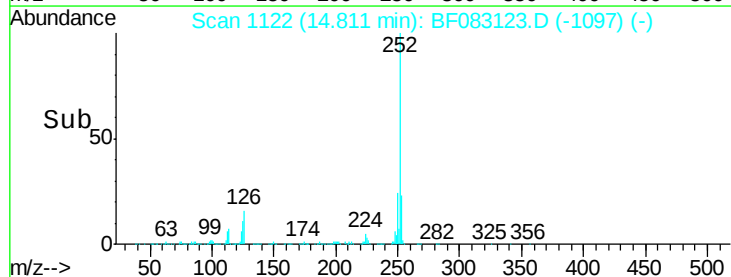
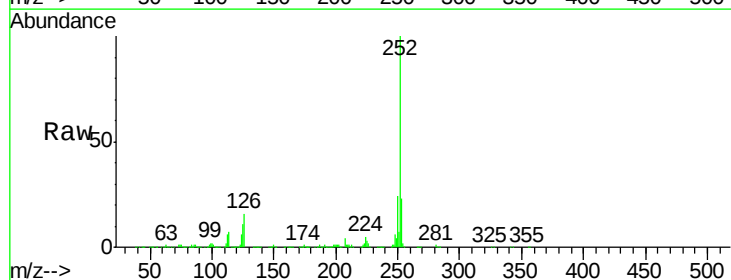
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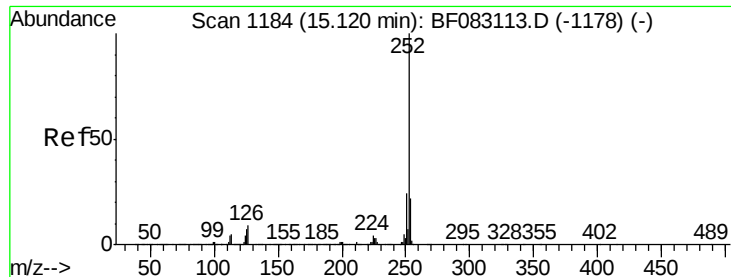
Mmdadoda
11/23/2015 7:01:26 PM



#88
Benzo(k)fluoranthene
Concen: 36.37 ng m
RT: 14.81 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BF083123.D
Acq: 21 Nov 2015 21:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.2
125	11.0	6.8	10.2





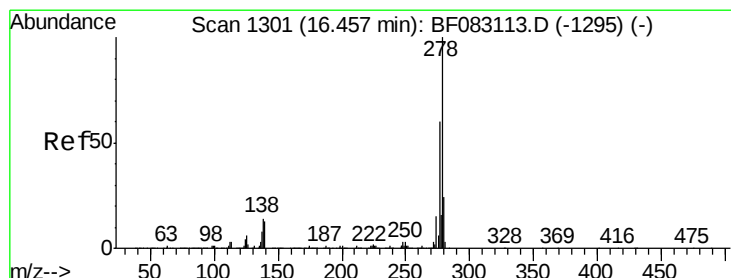
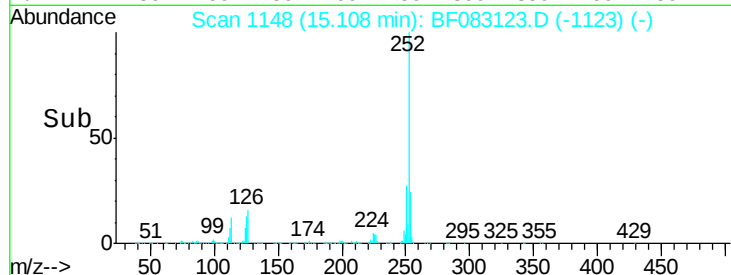
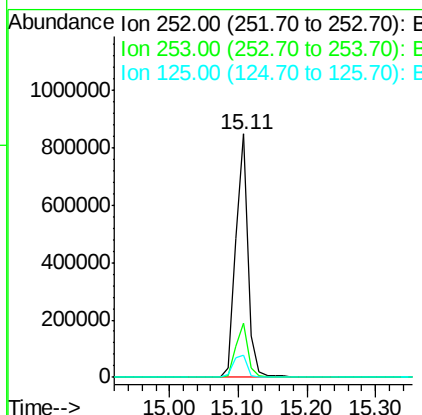
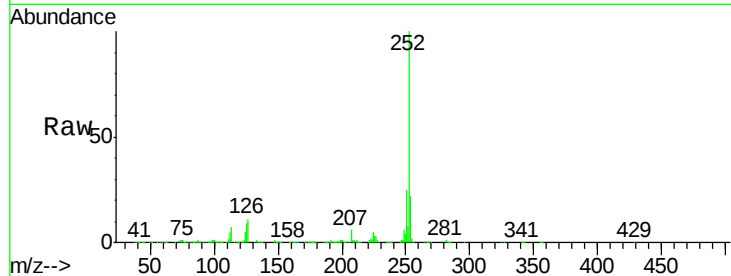
#89
Benzo(a)pyrene
Concen: 34.17 ng
RT: 15.11 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BF083123.D
Acq: 21 Nov 2015 21:01

Instrument :
BNA_F
ClientSampleId :
PB86620BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	8.9	5.4	8.0

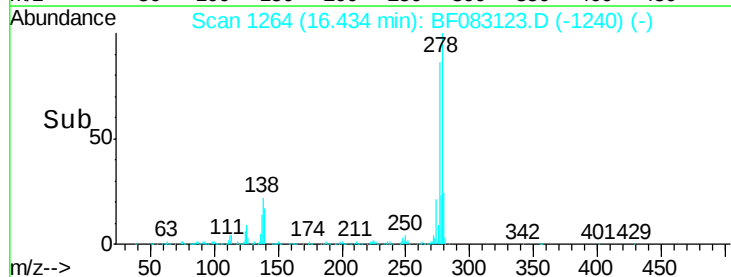
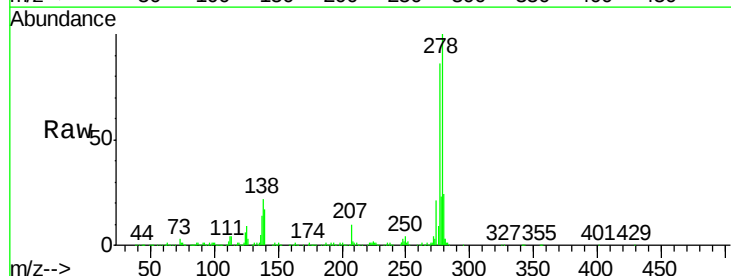
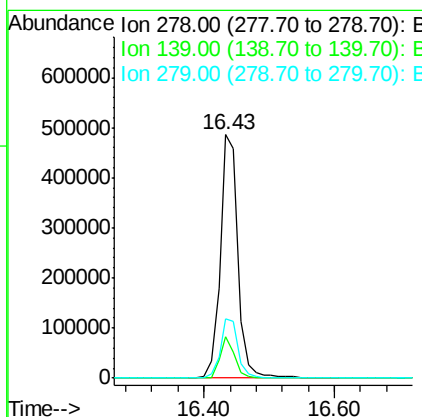
Manual Integrations
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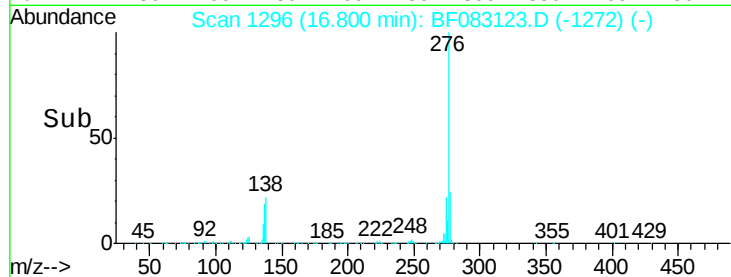
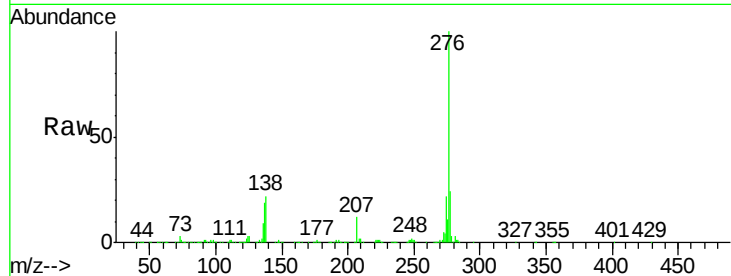
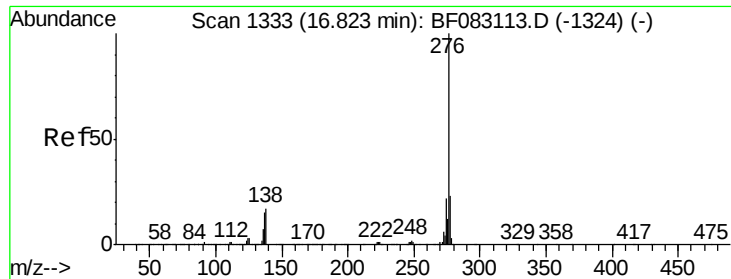
Mmdadoda
11/23/2015 7:01:26 PM



#90
Dibenzo(a,h)anthracene
Concen: 32.53 ng
RT: 16.43 min Scan# 1264
Delta R.T. -0.02 min
Lab File: BF083123.D
Acq: 21 Nov 2015 21:01

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.8	10.7	16.1
279	24.2	19.3	28.9





#91

Benzo(a,h,i)perylene

Concen: 33.14 ng

RT: 16.80 min Scan# 1296

Delta R.T. -0.02 min

Lab File: BF083123.D

Acq: 21 Nov 2015 21:01

Instrument :

BNA_F

ClientSampleId :

PB86620BS

Tot Ion	Ratio	Resp	Lower	Upper
276	100			
277	24.2	18.7	28.1	
138	21.7	13.9	20.9	

Manual Integrations
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11/23/2015 7:01:26 PM

