

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081815\
 Data File : BF081074.D
 Acq On : 19 Aug 2015 9:02
 Operator : UM/IZ
 Sample : G3282-08MS
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB04-4.0-5.0-081115MS

Manual Integrations
 APPROVED

MMDadoda
 8/19/2015 2:19:07 PM

Quant Time: Aug 19 13:02:38 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 17 17:57:25 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	60190	20.00	ng	-0.02
21) Naphthalene-d8	7.90	136	254415	20.00	ng	-0.01
38) Acenaphthene-d10	9.63	164	115471	20.00	ng	-0.02
63) Phenanthrene-d10	11.11	188	233882	20.00	ng	-0.02
75) Chrysene-d12	13.73	240	140882	20.00	ng	-0.02
86) Perylene-d12	15.07	264	130163	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.19	112	477054	119.21	ng	0.00
7) Phenol-d6	6.26	99	615652	117.91	ng	0.00
23) Nitrobenzene-d5	7.18	82	383887	68.93	ng	-0.01
41) 2,4,6-Tribromophenol	10.42	330	105474	105.37	ng	-0.02
44) 2-Fluorobiphenyl	8.97	172	555871	63.08	ng	-0.02
78) Terphenyl-d14	12.70	244	598811	91.12	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.06	88	54478	28.89	ng	94
3) Pyridine	2.68	79	180877	33.98	ng	88
4) n-Nitrosodimethylamine	2.64	42	102913	34.73	ng	# 79
6) Aniline	6.27	93	177420	23.37	ng	# 1
8) 2-Chlorophenol	6.39	128	155913	35.59	ng	94
9) Benzaldehyde	6.15	77	113576	33.74	ng	91
10) Phenol	6.27	94	253685	41.14	ng	86
11) bis(2-Chloroethyl)ether	6.35	93	179175	37.87	ng	94
12) 1,3-Dichlorobenzene	6.55	146	169339	35.98	ng	97
13) 1,4-Dichlorobenzene	6.63	146	166394	35.70	ng	99
14) 1,2-Dichlorobenzene	6.78	146	156458	35.87	ng	97
15) Benzyl Alcohol	6.76	79	172883	40.92	ng	93
16) 2,2'-oxybis(1-Chloropropan	6.90	45	336618	36.20	ng	100
17) 2-Methylphenol	6.88	107	134377	35.75	ng	95
18) Hexachloroethane	7.12	117	65752	34.92	ng	99
19) n-Nitroso-di-n-propylamine	7.04	70	133086	36.80	ng	90
20) 3+4-Methylphenols	7.04	107	176259	36.95	ng	# 49
22) Acetophenone	7.03	105	246961	36.97	ng	# 88
24) Nitrobenzene	7.20	77	220427	37.85	ng	100
25) Isophorone	7.44	82	350239	33.72	ng	98
26) 2-Nitrophenol	7.52	139	91001	37.58	ng	# 61
27) 2,4-Dimethylphenol	7.56	122	145146	33.88	ng	94
28) bis(2-Chloroethoxy)methane	7.66	93	209191	34.09	ng	99
29) 2,4-Dichlorophenol	7.76	162	140098	38.84	ng	92
30) 1,2,4-Trichlorobenzene	7.84	180	136851	34.14	ng	98
31) Naphthalene	7.92	128	514554	36.28	ng	99
32) Benzoic acid	7.64	122	18018	7.48	ng	97
33) 4-Chloroaniline	7.96	127	98003	16.38	ng	100
34) Hexachlorobutadiene	8.04	225	76457	33.73	ng	97
35) Caprolactam	8.34	113	47887m	37.99	ng	
36) 4-Chloro-3-methylphenol	8.47	107	173580	40.38	ng	94
37) 2-Methylnaphthalene	8.60	142	323771	36.14	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.78	216	136405	36.61	ng	98
40) Hexachlorocyclopentadiene	8.76	237	94090	48.79	ng	97

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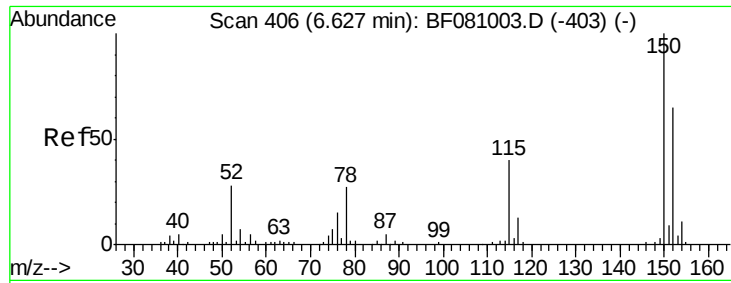
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.89	196	96295	36.59	nq	98
43) 2,4,5-Trichlorophenol	8.92	196	97733	37.15	nq	# 84
45) 1,1'-Biphenyl	9.07	154	408014	40.12	nq	99
46) 2-Chloronaphthalene	9.08	162	268885	32.91	nq	# 90
47) 2-Nitroaniline	9.19	65	109486	32.74	nq	98
48) Acenaphthylene	9.50	152	450272	30.81	nq	99
49) Dimethylphthalate	9.38	163	442380	46.52	nq	99
50) 2,6-Dinitrotoluene	9.44	165	80118	39.24	nq	88
51) Acenaphthene	9.67	154	275308	31.46	nq	99
52) 3-Nitroaniline	9.60	138	65567	25.66	nq	95
53) 2,4-Dinitrophenol	9.70	184	18639	21.21	nq	90
54) Dibenzofuran	9.84	168	376099	32.07	nq	90
55) 4-Nitrophenol	9.77	139	134738	75.08	nq	# 82
56) 2,4-Dinitrotoluene	9.84	165	109069	40.30	nq	95
57) Fluorene	10.18	166	303482	33.64	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.96	232	80850m	39.71	nq	
59) Diethylphthalate	10.08	149	386613	38.41	nq	96
60) 4-Chlorophenyl-phenylether	10.18	204	147744	38.71	nq	96
61) 4-Nitroaniline	10.22	138	89638	34.33	nq	# 79
62) Azobenzene	10.34	77	440537	37.98	nq	93
64) 4,6-Dinitro-2-methylphenol	10.24	198	29525	21.14	nq	# 77
65) n-Nitrosodiphenylamine	10.31	169	287226	34.40	nq	99
66) 4-Bromophenyl-phenylether	10.66	248	76974	33.50	nq	# 60
67) Hexachlorobenzene	10.73	284	88090	37.86	nq	# 84
68) Atrazine	10.83	200	80807	34.74	nq	99
69) Pentachlorophenol	10.92	266	96767	69.31	nq	99
70) Phenanthrene	11.13	178	409425	29.54	nq	99
71) Anthracene	11.19	178	503914	37.36	nq	99
72) Carbazole	11.35	167	499713	38.48	nq	99
73) Di-n-butylphthalate	11.69	149	629253	40.04	nq	99
74) Fluoranthene	12.31	202	448559	29.99	nq	93
76) Benzidine	12.45	184	159984	30.06	nq	97
77) Pyrene	12.54	202	491760	42.94	nq	100
79) Butylbenzylphthalate	13.18	149	251612	51.11	nq	89
80) Benzo(a)anthracene	13.71	228	349574	37.00	nq	100
81) 3,3'-Dichlorobenzidine	13.69	252	100233	32.75	nq	98
82) Chrysene	13.76	228	329737	38.73	nq	99
83) Bis(2-ethylhexyl)phthalate	13.74	149	325968	51.69	nq	# 98
84) Di-n-octyl phthalate	14.34	149	488473	50.97	nq	96
85) Indeno(1,2,3-cd)pyrene	16.30	276	323754	54.16	nq	# 93
87) Benzo(b)fluoranthene	14.71	252	373136m	40.53	nq	
88) Benzo(k)fluoranthene	14.74	252	201836m	23.53	nq	
89) Benzo(a)pyrene	15.02	252	276929	34.52	nq	# 94
90) Dibenzo(a,h)anthracene	16.31	278	270945	43.34	nq	# 94
91) Benzo(g,h,i)perylene	16.66	276	266507	42.02	nq	# 91

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 404

Delta R.T. -0.02 min

Lab File: BF081074.D

Acq: 19 Aug 2015 9:02

Instrument :

BNA_F

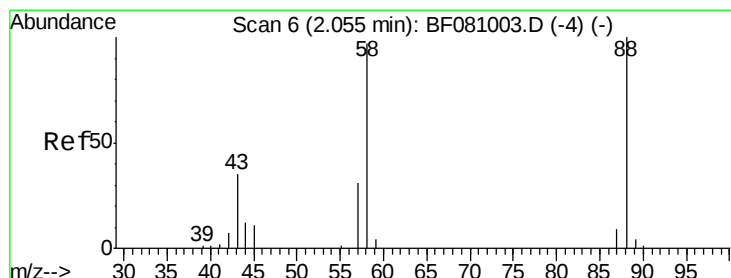
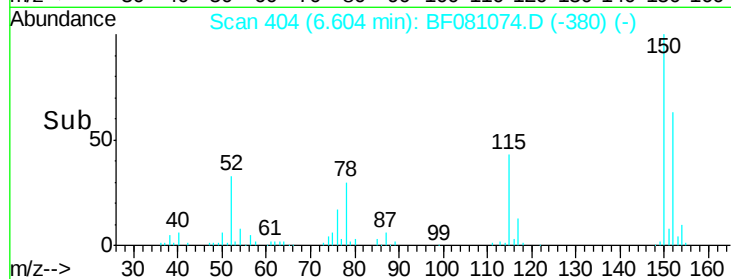
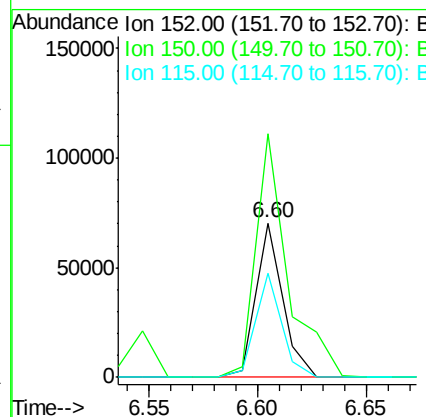
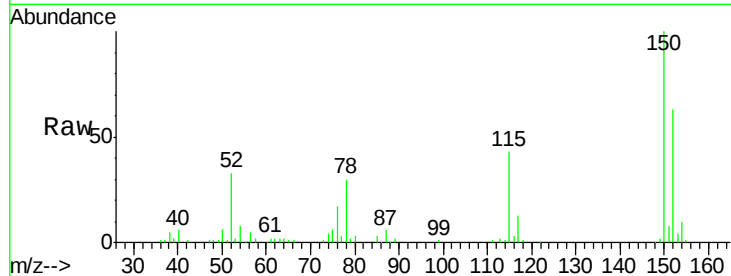
ClientSampleId :

SB04-4.0-5.0-081115MS

Manual Integrations
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Tot Ion:	152	Resp:	60190
Ion Ratio	Lower	Upper	
152	100		
150	157.8	123.8	185.6
115	67.9	52.1	78.1



#2

1,4-Dioxane

Concen: 28.89 ng

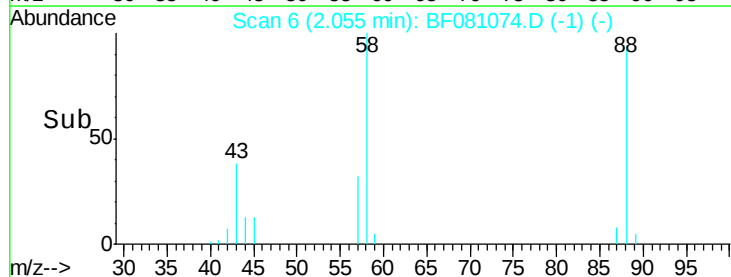
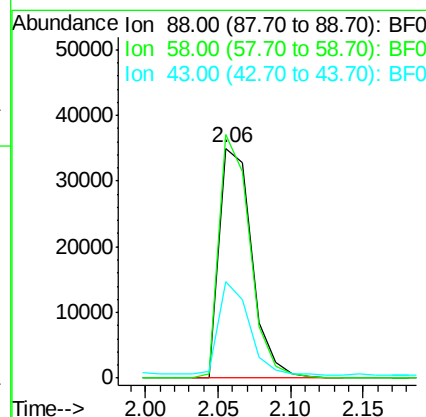
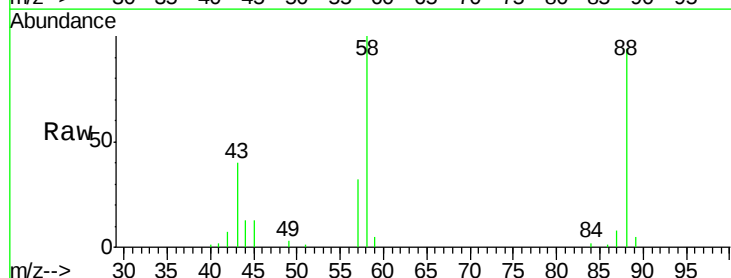
RT: 2.06 min Scan# 6

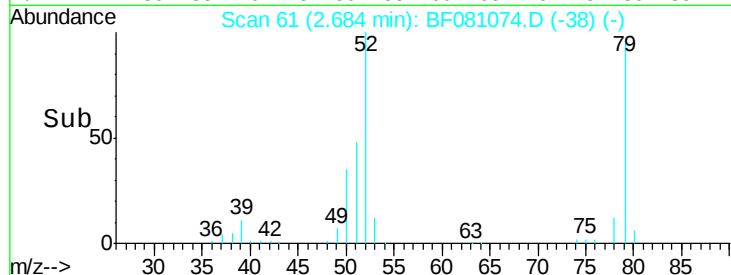
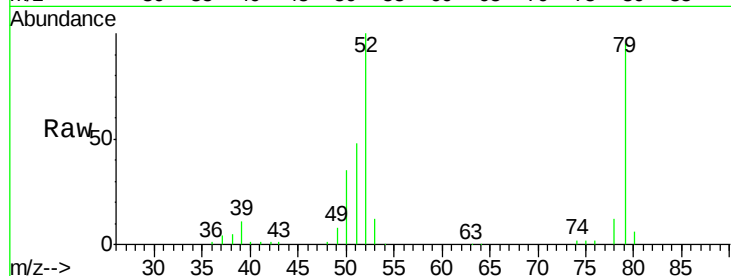
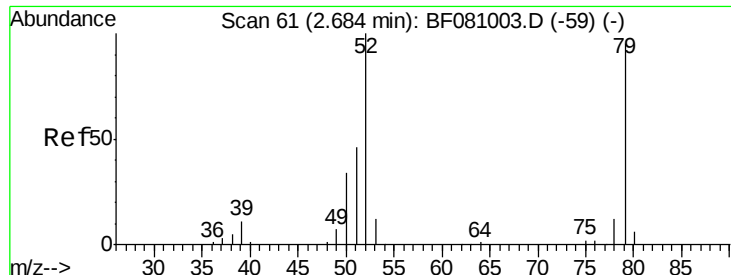
Delta R.T. 0.00 min

Lab File: BF081074.D

Acq: 19 Aug 2015 9:02

Tgt Ion:	88	Resp:	54478
Ion Ratio	Lower	Upper	
88	100		
58	100.6	83.7	125.5
43	39.0	37.5	56.3





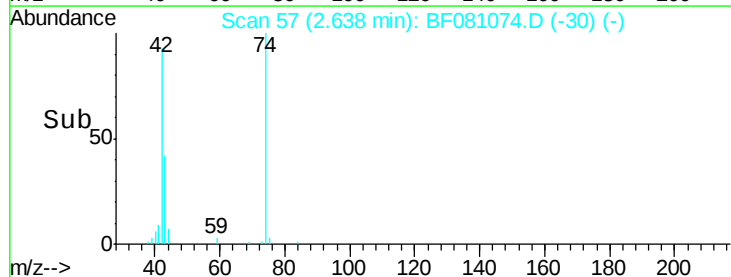
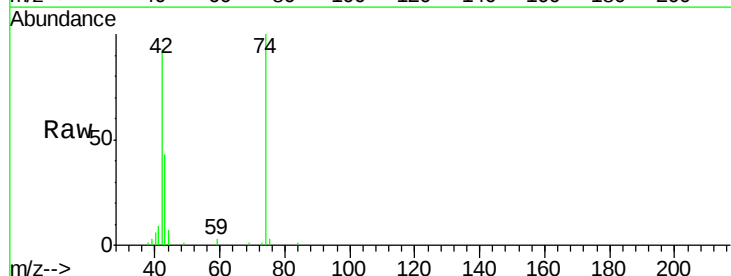
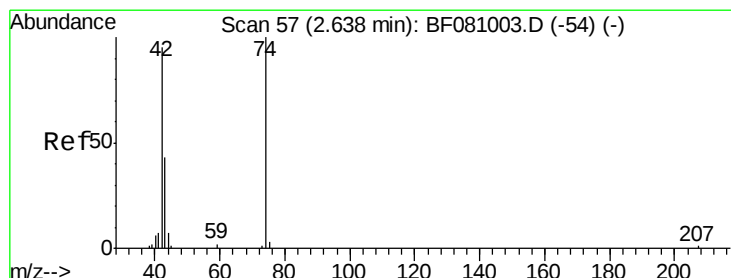
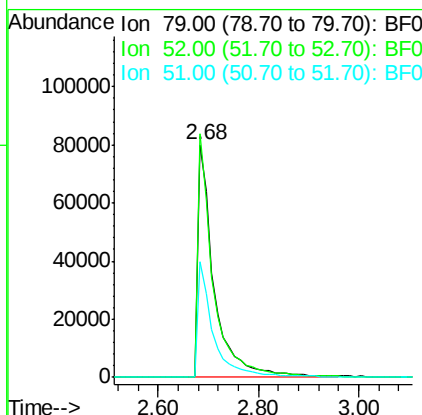
#3
Pvridine
Concen: 33.98 ng
RT: 2.68 min Scan# 61
Delta R.T. -0.03 min
Lab File: BF081074.D
Acq: 19 Aug 2015 9:02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
52	104.9	95.1	142.7		
51	50.0	46.6	70.0		

Instrument :
BNA_F
ClientSampleId :
SB04-4.0-5.0-081115MS

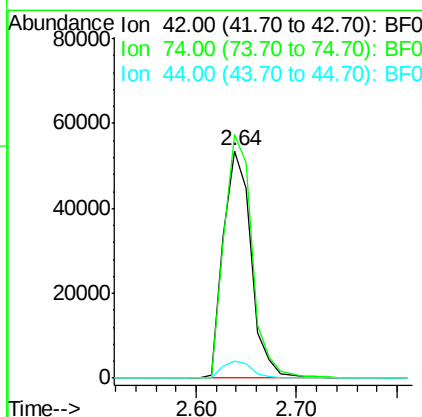
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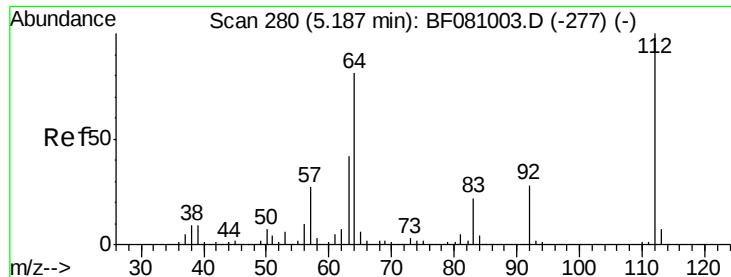
MMDadoda
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#4
n-Nitrosodimethylamine
Concen: 34.73 ng
RT: 2.64 min Scan# 57
Delta R.T. 0.01 min
Lab File: BF081074.D
Acq: 19 Aug 2015 9:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100				
74	107.0	69.3	103.9#		
44	7.8	5.5	8.3		





#5

2-Fluorophenol

Concen: 119.21 ng

RT: 5.19 min Scan# 280

Delta R.T. 0.00 min

Lab File: BF081074.D

Acq: 19 Aug 2015 9:02

Instrument :

BNA_F

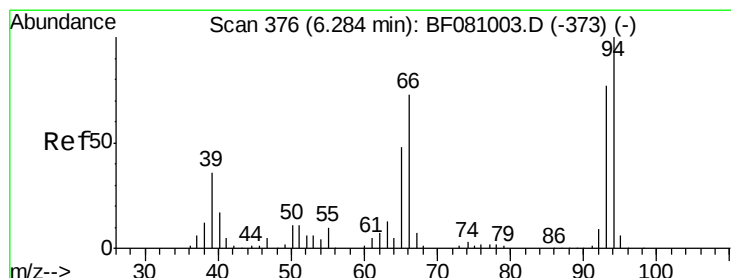
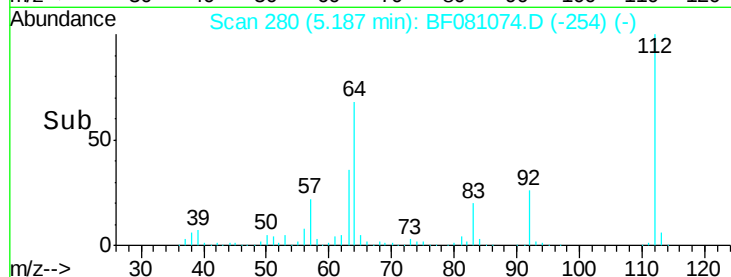
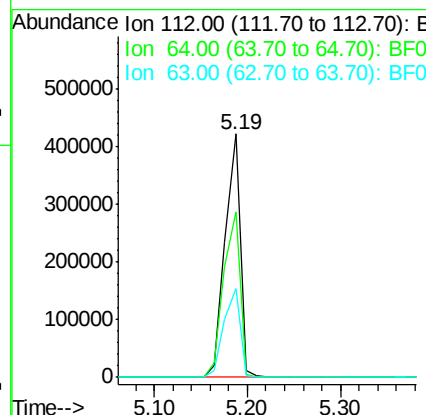
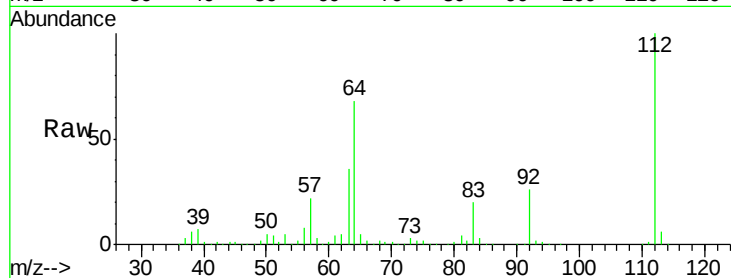
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Tot Ion:	112	Resp:	477054
Ion Ratio	Lower	Upper	
112	100		
64	68.0	66.9	100.3
63	36.2	38.1	57.1#



#6

Aniline

Concen: 23.37 ng

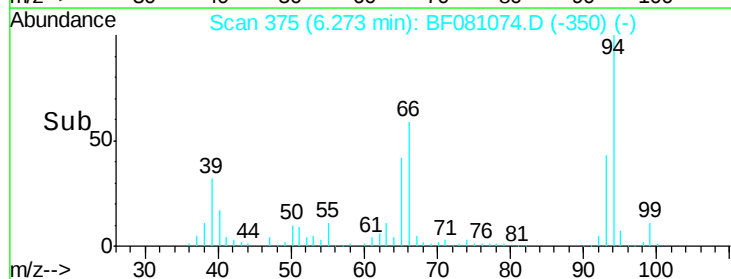
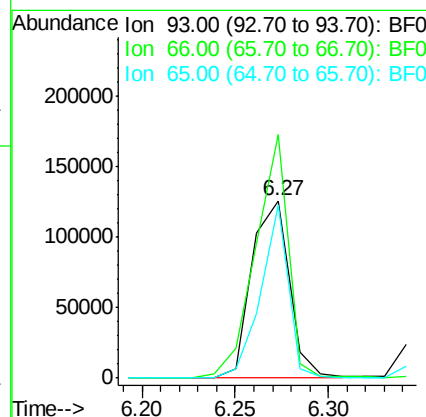
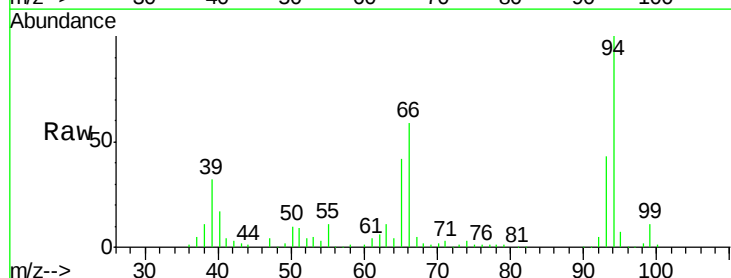
RT: 6.27 min Scan# 375

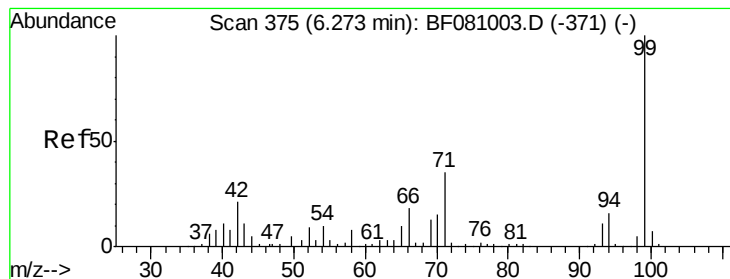
Delta R.T. -0.01 min

Lab File: BF081074.D

Acq: 19 Aug 2015 9:02

Tgt Ion:	93	Resp:	177420
Ion Ratio	Lower	Upper	
93	100		
66	137.4	35.6	53.4#
65	97.7	18.7	28.1#





#7

Phenol-d6

Concen: 117.91 ng

RT: 6.26 min Scan# 374

Delta R.T. 0.00 min

Lab File: BF081074.D

Acq: 19 Aug 2015 9:02

Instrument :

BNA_F

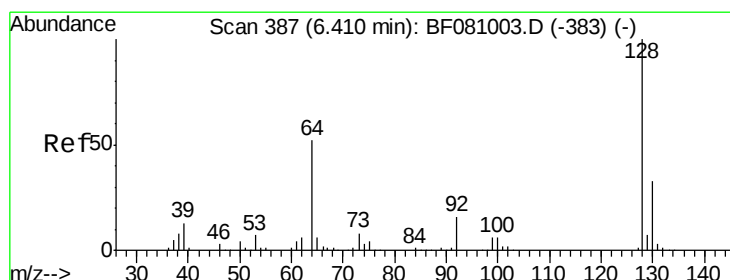
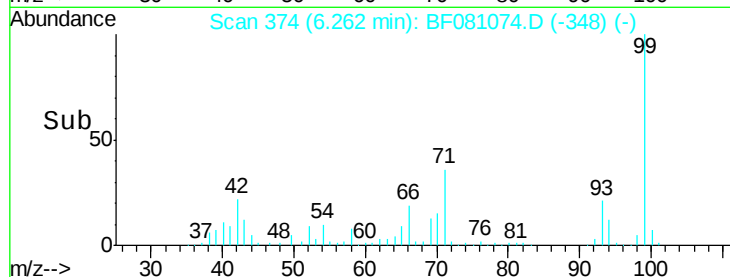
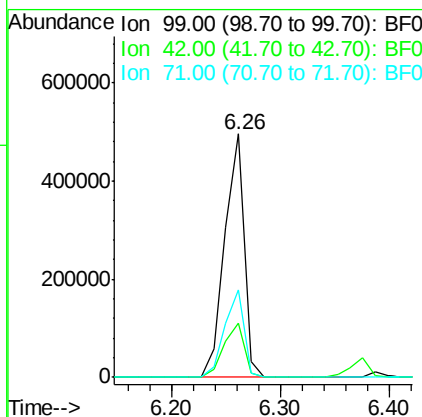
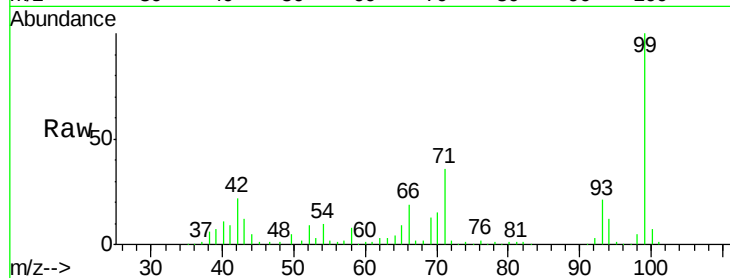
ClientSampleId :

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Tot Ion:	99	Resp:	615652
Ion Ratio	Lower	Upper	
99	100		
42	22.5	19.6	29.4
71	35.9	31.2	46.8

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#8

2-Chlorophenol

Concen: 35.59 ng

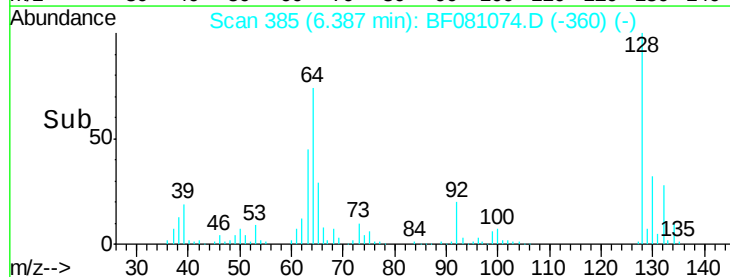
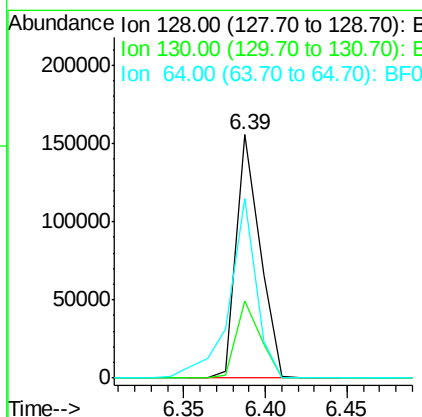
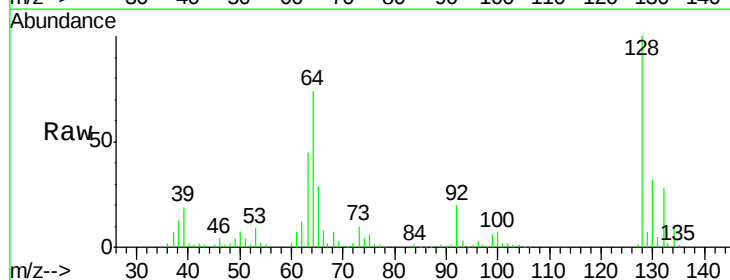
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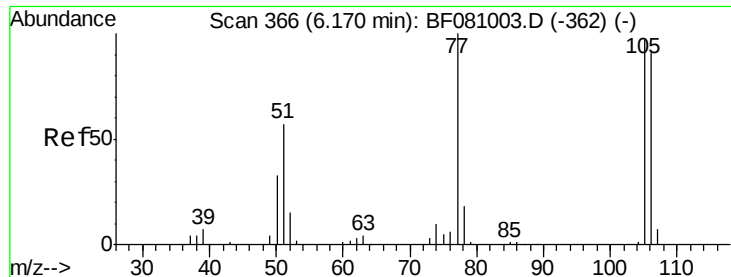
Delta R.T. -0.01 min

Lab File: BF081074.D

Acq: 19 Aug 2015 9:02

Tgt Ion:	128	Resp:	155913
Ion Ratio	Lower	Upper	
128	100		
130	31.8	12.5	52.5
64	73.6	46.8	86.8





#9

Benzaldehyde

Concen: 33.74 ng

RT: 6.15 min Scan# 364

Delta R.T. -0.01 min

Lab File: BF081074.D

Acq: 19 Aug 2015 9:02

Instrument :

BNA_F

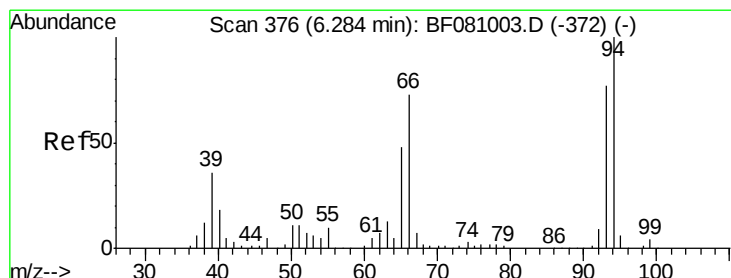
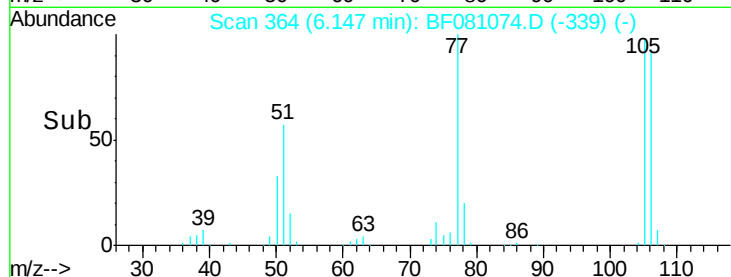
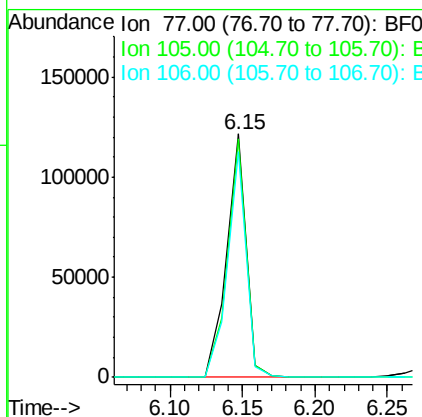
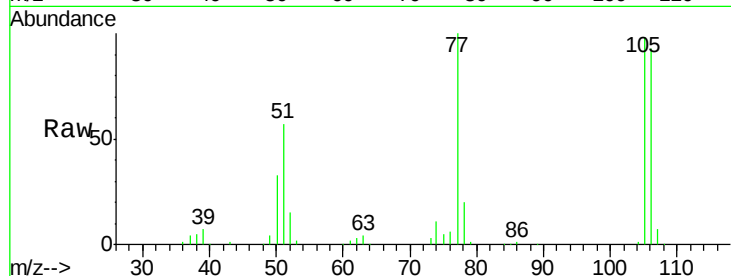
ClientSampleId :

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Manual Integrations
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Tot Ion:	77	Resp:	113576
Ion	Ratio	Lower	Upper
77	100		
105	98.0	69.6	109.6
106	92.9	64.0	104.0



#10

Phenol

Concen: 41.14 ng

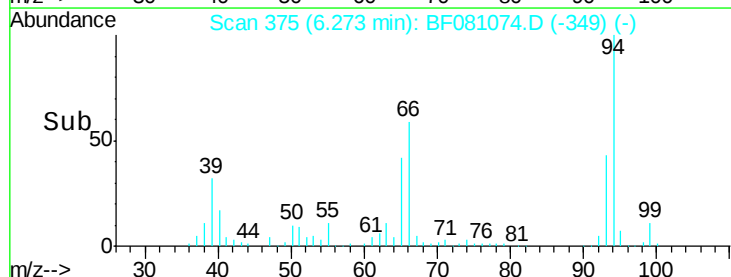
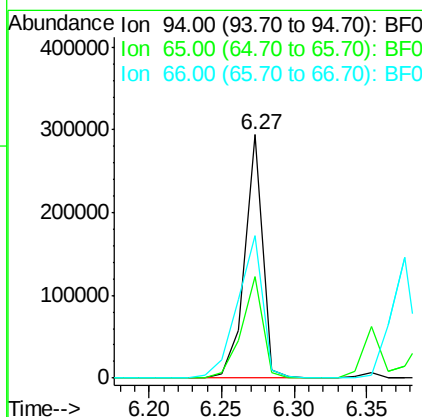
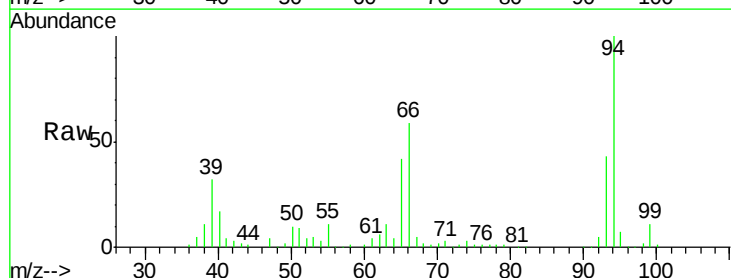
RT: 6.27 min Scan# 375

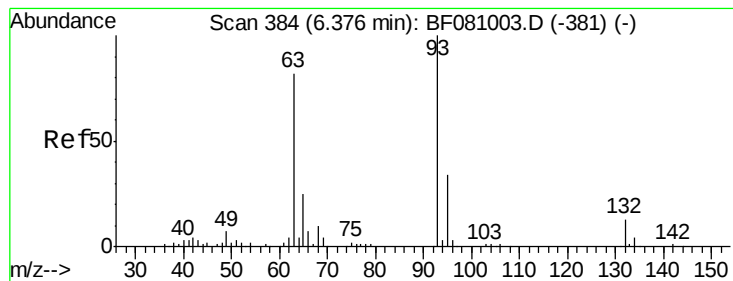
Delta R.T. 0.00 min

Lab File: BF081074.D

Acq: 19 Aug 2015 9:02

Tgt Ion:	94	Resp:	253685
Ion	Ratio	Lower	Upper
94	100		
65	41.8	28.4	68.4
66	58.7	52.3	92.3





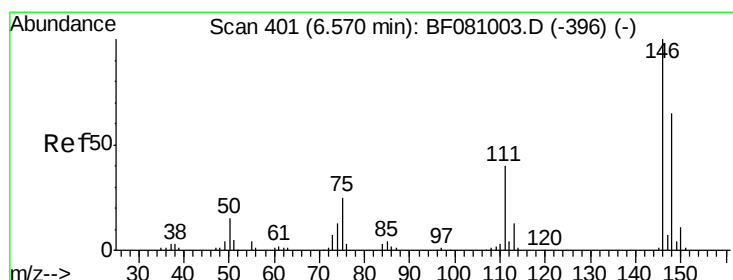
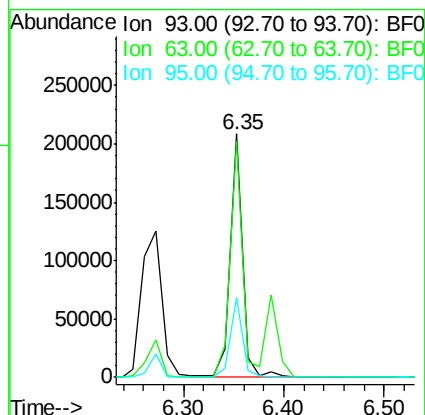
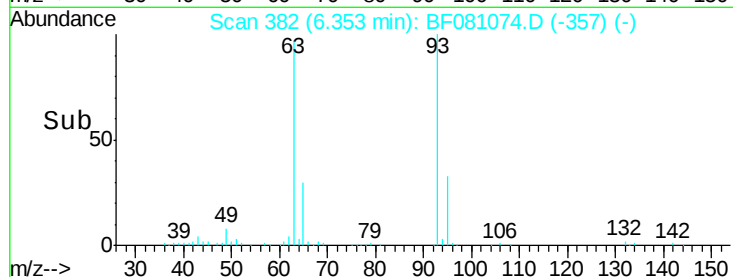
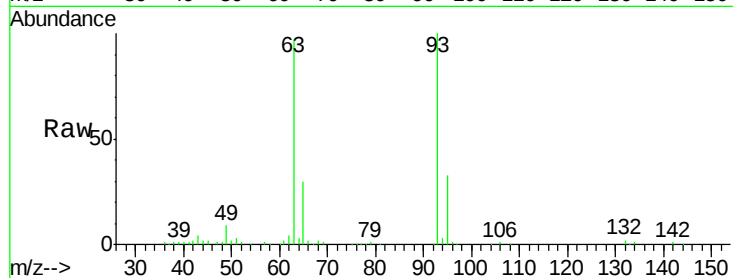
#11
bis(2-Chloroethyl)ether
Concen: 37.87 ng
RT: 6.35 min Scan# 382
Delta R.T. -0.01 min
Lab File: BF081074.D
Acq: 19 Aug 2015 9:02

Instrument :
BNA_F
ClientSampleId :
SB04-4.0-5.0-081115MS

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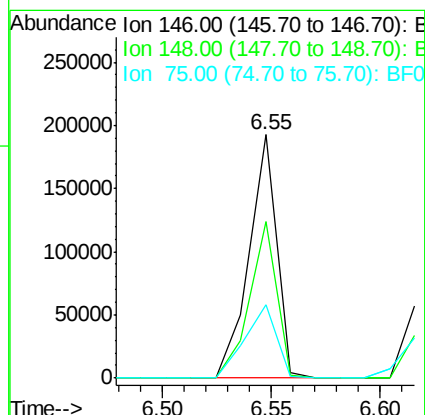
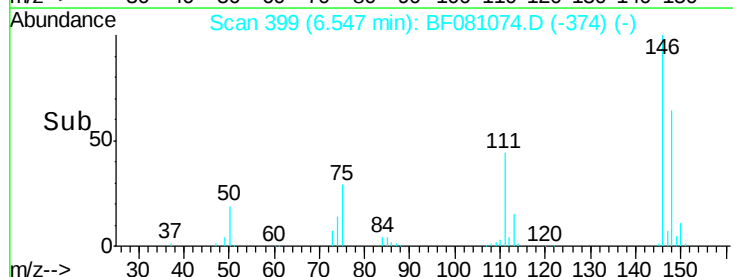
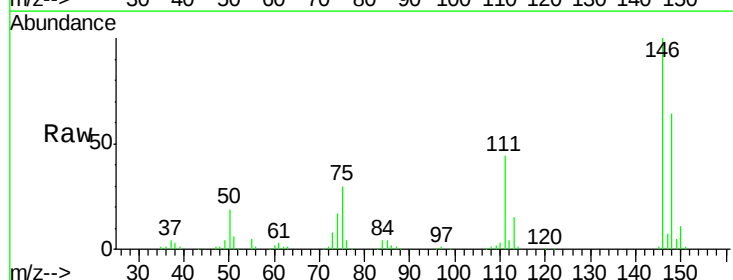
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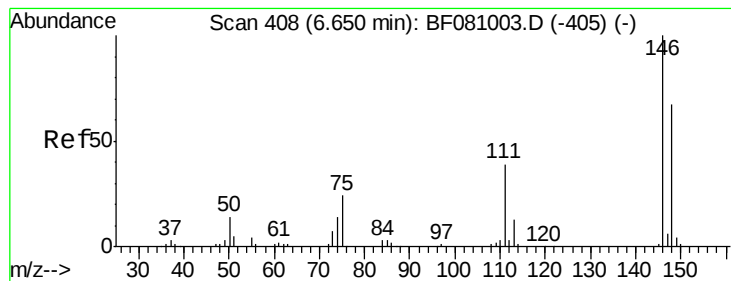
Tot Ion	Ratio	Resp	Lower	Upper
93	100	179175		
63	96.8	69.6	109.6	
95	32.5	12.3	52.3	



#12
1,3-Dichlorobenzene
Concen: 35.98 ng
RT: 6.55 min Scan# 399
Delta R.T. -0.01 min
Lab File: BF081074.D
Acq: 19 Aug 2015 9:02

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	169339		
148	64.1	53.3	79.9	
75	30.1	25.0	37.6	





#13

1,4-Dichlorobenzene

Concen: 35.70 ng

RT: 6.63 min Scan# 406

Delta R.T. -0.01 min

Lab File: BF081074.D

Acq: 19 Aug 2015 9:02

Instrument :

BNA_F

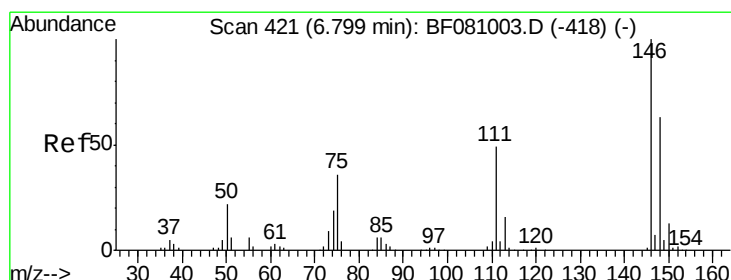
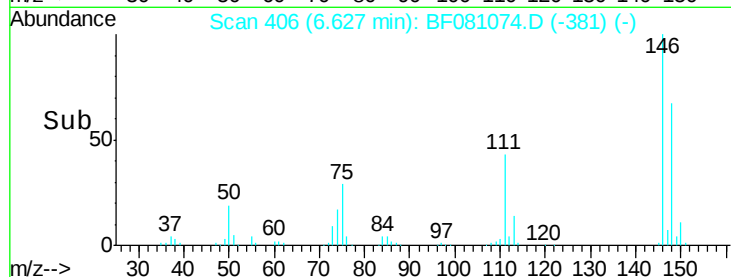
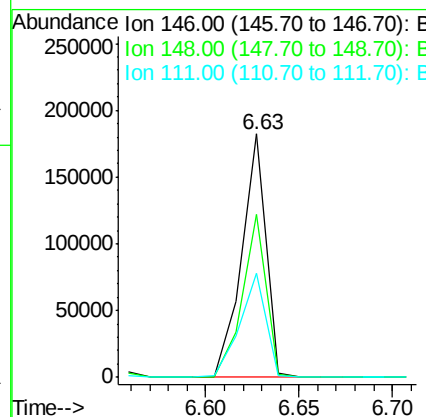
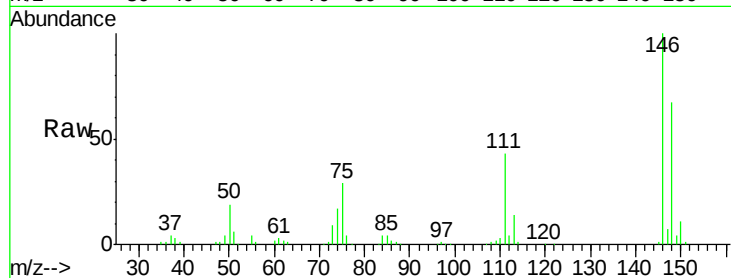
ClientSampleId :

SB04-4.0-5.0-081115MS

Tot Ion:	146	Resp:	166394
Ion Ratio	Lower	Upper	
146	100		
148	66.9	52.3	78.5
111	42.8	34.4	51.6

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 35.87 ng

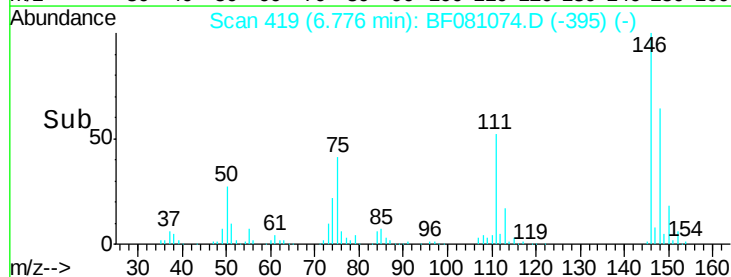
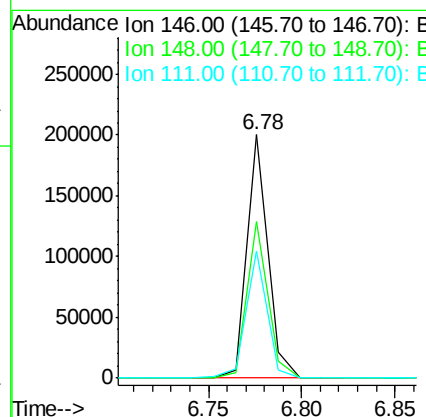
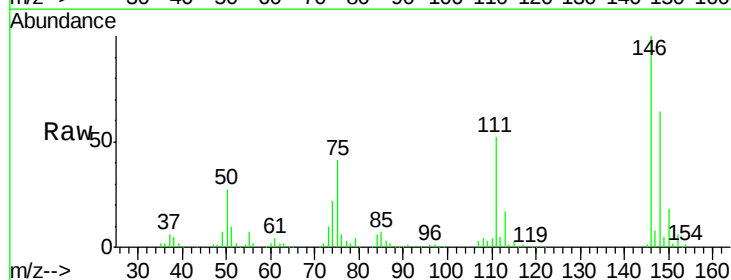
RT: 6.78 min Scan# 419

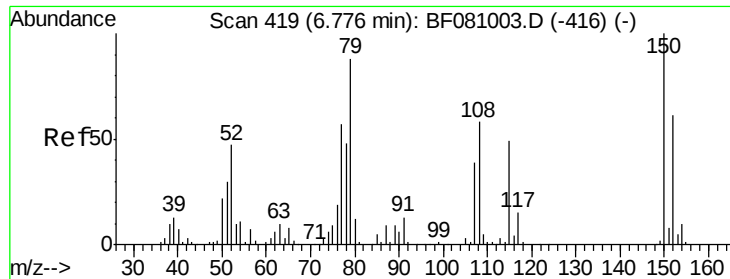
Delta R.T. -0.02 min

Lab File: BF081074.D

Acq: 19 Aug 2015 9:02

Tgt Ion:	146	Resp:	156458
Ion Ratio	Lower	Upper	
146	100		
148	64.4	48.7	73.1
111	52.0	42.3	63.5





#15

Benzyl Alcohol

Concen: 40.92 ng

RT: 6.76 min Scan# 418

Delta R.T. -0.01 min

Lab File: BF081074.D

Acq: 19 Aug 2015 9:02

Instrument :

BNA_F

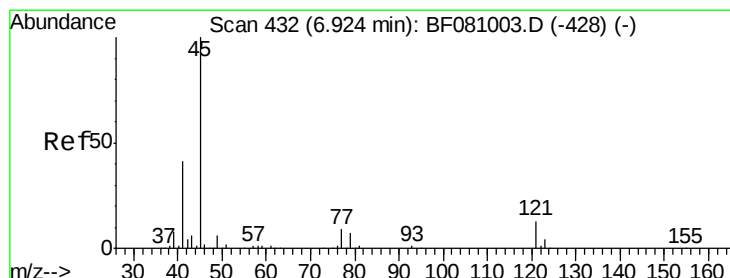
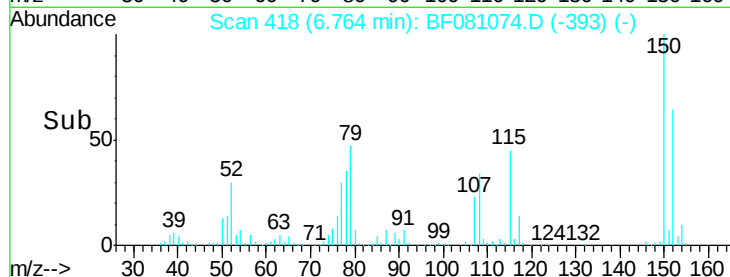
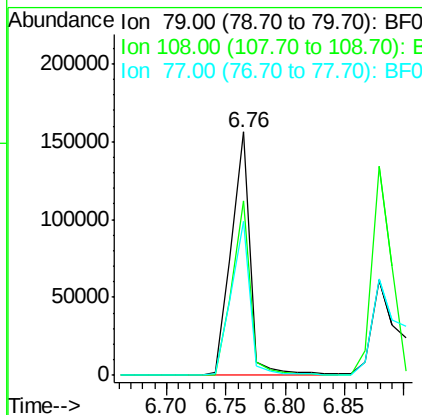
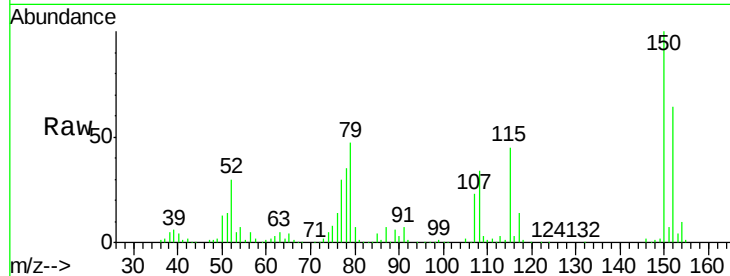
ClientSampleId :

SB04-4.0-5.0-081115MS

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Tot Ion:	79	Resp:	172883
Ion Ratio	Lower	Upper	
79	100		
108	71.5	49.4	74.2
77	63.3	51.4	77.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.20 ng

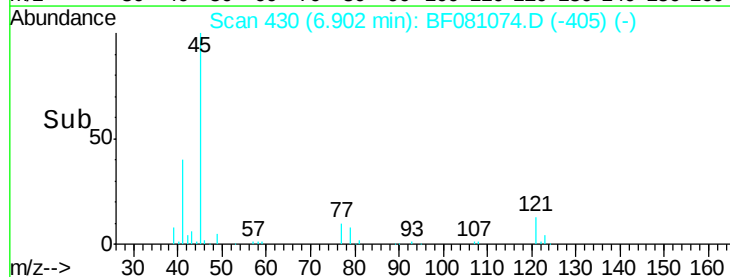
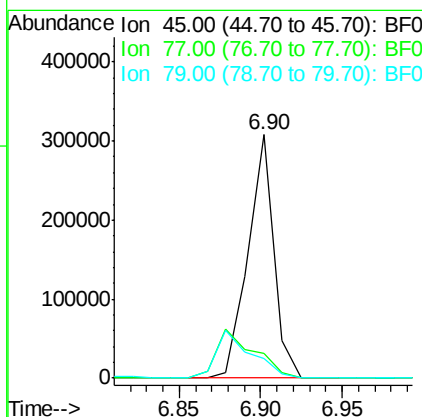
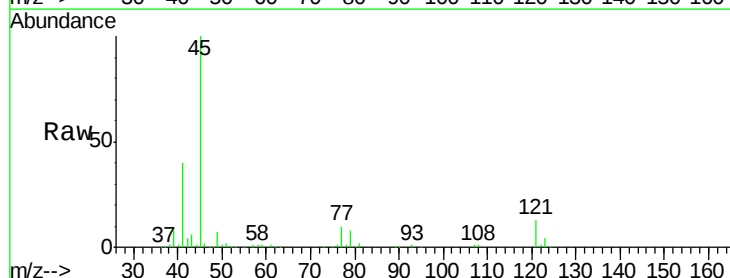
RT: 6.90 min Scan# 430

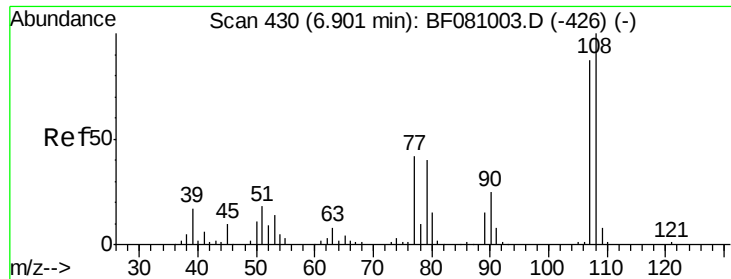
Delta R.T. -0.01 min

Lab File: BF081074.D

Acq: 19 Aug 2015 9:02

Tgt Ion:	45	Resp:	336618
Ion Ratio	Lower	Upper	
45	100		
77	10.1	0.0	30.2
79	7.8	0.0	28.0





#17

2-Methylphenol

Concen: 35.75 ng

RT: 6.88 min Scan# 428

Delta R.T. -0.01 min

Lab File: BF081074.D

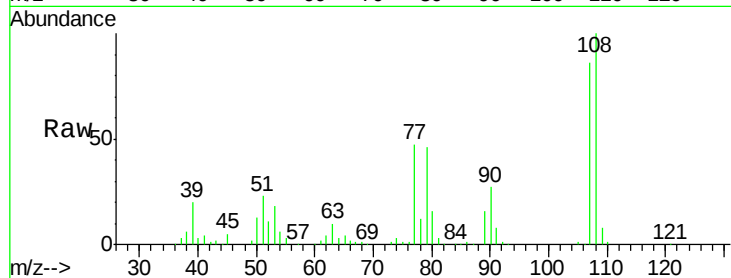
Acq: 19 Aug 2015 9:02

Instrument :

BNA_F

ClientSampleId :

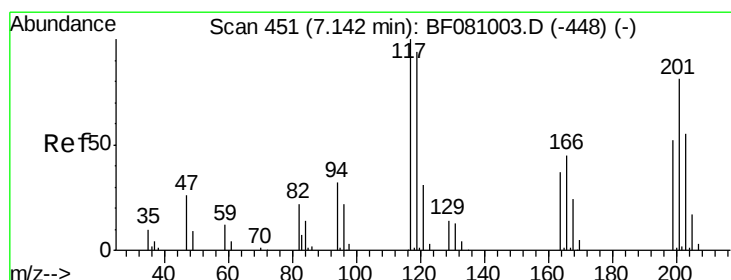
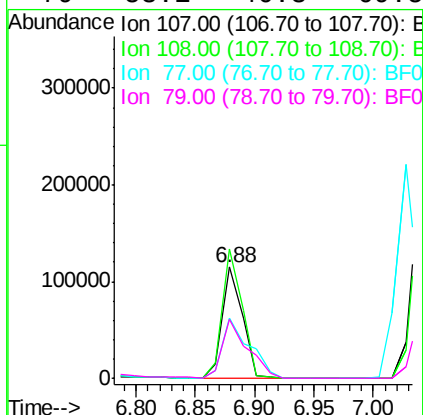
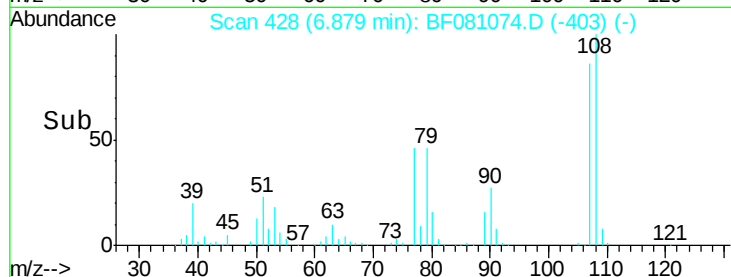
SB04-4.0-5.0-081115MS



Tot Ion	107	Resp	134377
Ion Ratio	Lower	Upper	
107	100		
108	116.5	90.4	135.6
77	54.2	46.5	69.7
79	53.1	46.3	69.5

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#18

Hexachloroethane

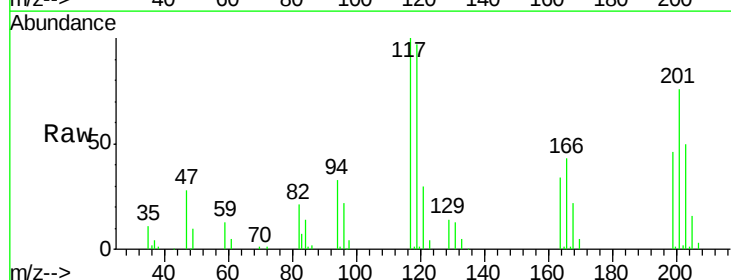
Concen: 34.92 ng

RT: 7.12 min Scan# 449

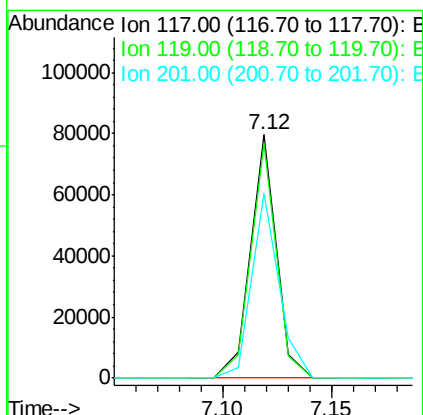
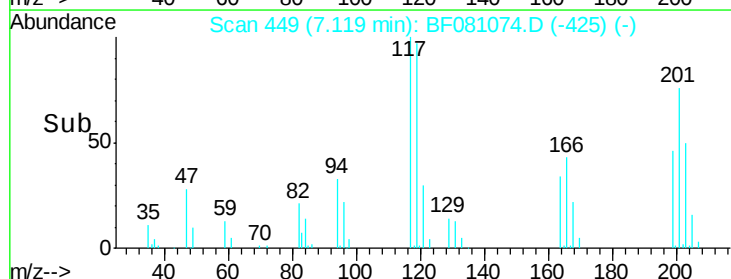
Delta R.T. -0.02 min

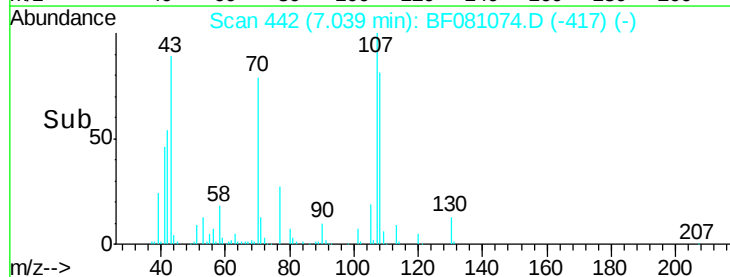
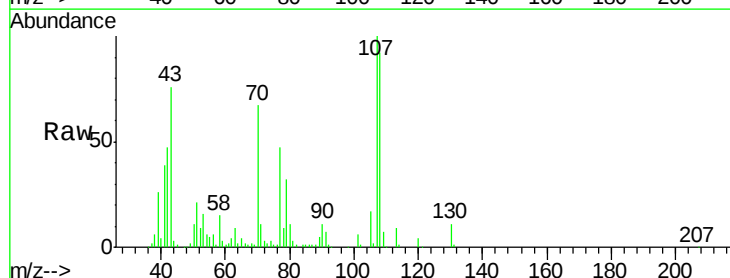
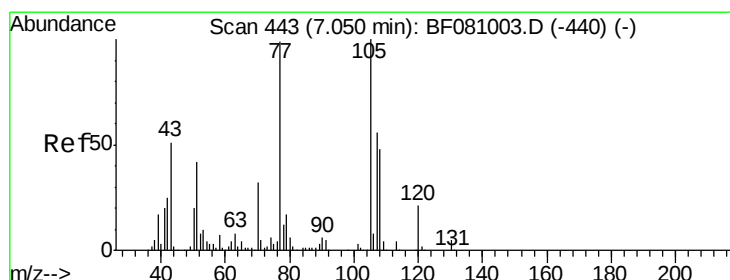
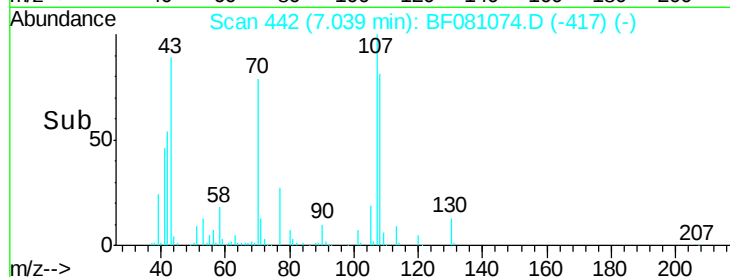
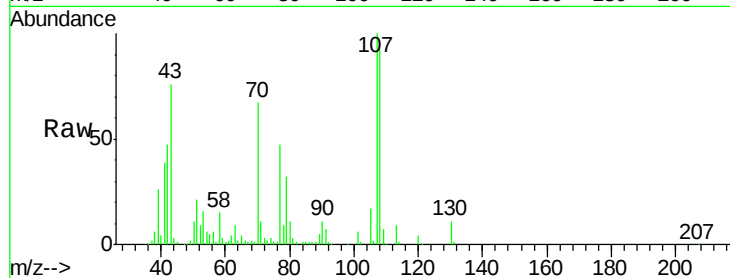
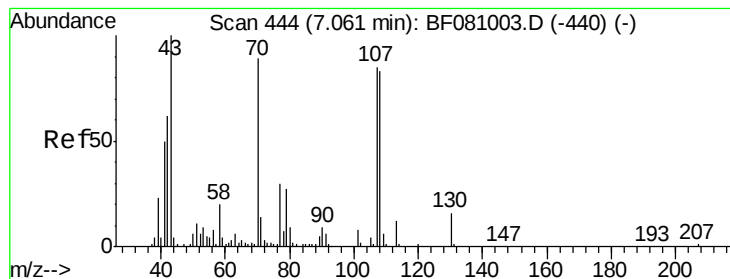
Lab File: BF081074.D

Acq: 19 Aug 2015 9:02



Tgt Ion	117	Resp	65752
Ion Ratio	Lower	Upper	
117	100		
119	96.6	77.9	116.9
201	76.0	61.3	91.9





#19

n-Nitroso-di-n-propylamine

Concen: 36.80 ng

RT: 7.04 min Scan# 442

Delta R.T. -0.01 min

Lab File: BF081074.D

Acq: 19 Aug 2015 9:02

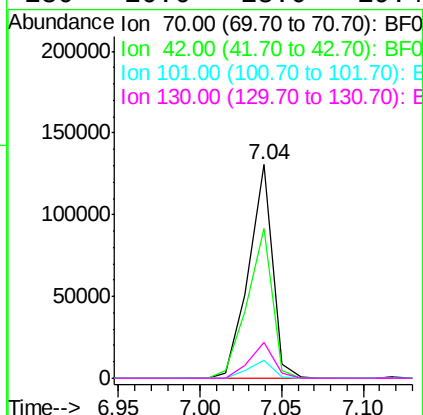
Instrument :

BNA_F

ClientSampleId :

SB04-4.0-5.0-081115MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	70.3		65.0	97.4	
101	8.4		7.4	11.2	
130	16.6		13.0	19.4	



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#20

3+4-Methylphenols

Concen: 36.95 ng

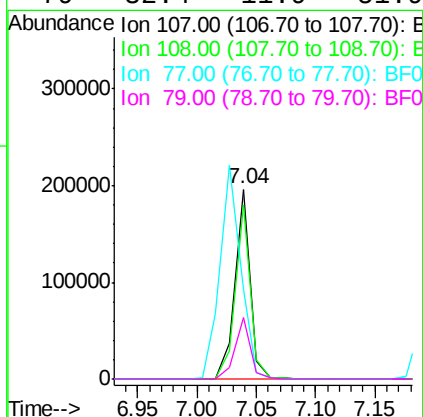
RT: 7.04 min Scan# 442

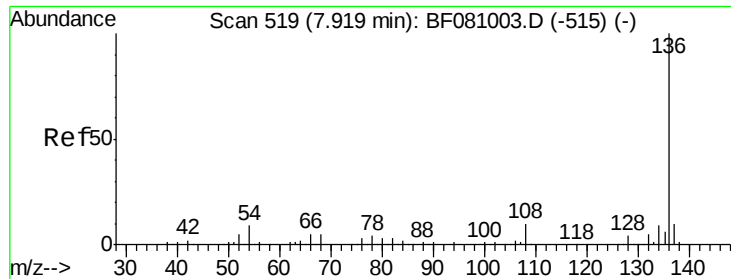
Delta R.T. -0.01 min

Lab File: BF081074.D

Acq: 19 Aug 2015 9:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	92.0		66.1	106.1	
77	47.0		139.3	179.3#	
79	32.4		11.9	51.9	





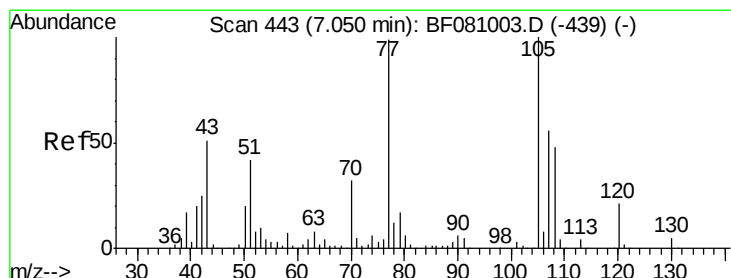
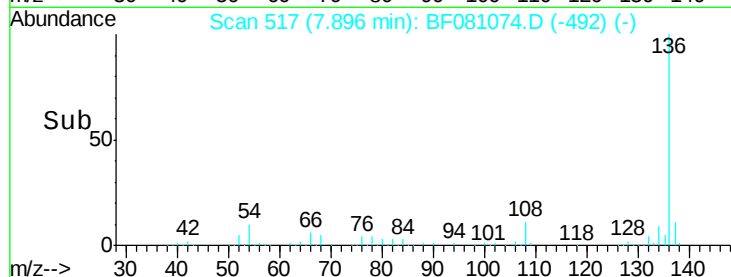
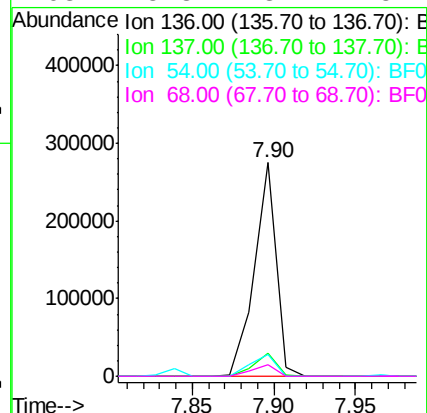
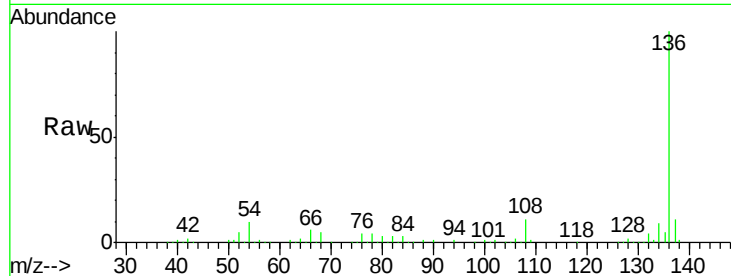
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 517
Delta R.T. -0.01 min
Lab File: BF081074.D
Acq: 19 Aug 2015 9:02

Instrument :
BNA_F
ClientSampleId :
SB04-4.0-5.0-081115MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		254415		
137	10.8	8.2	12.2		
54	9.9	7.7	11.5		
68	5.3	3.4	5.2#		

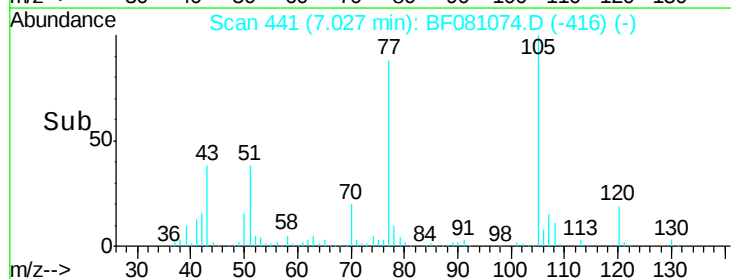
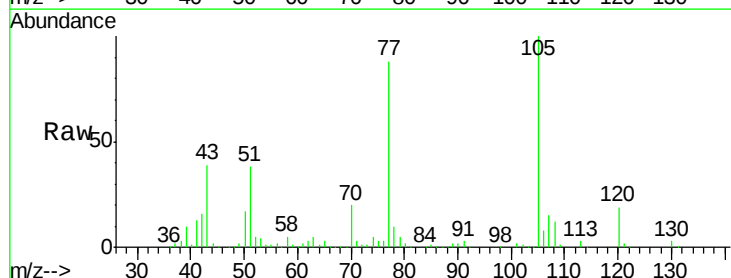
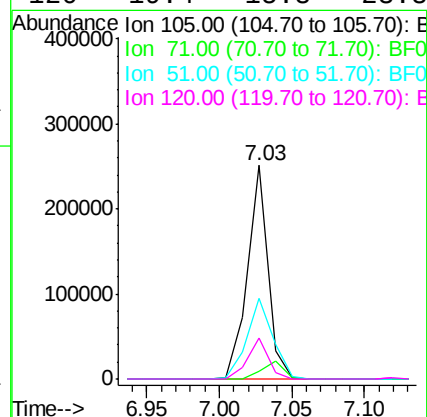
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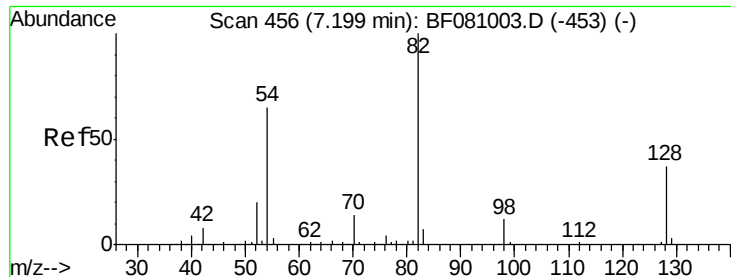
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#22
Acetophenone
Concen: 36.97 ng
RT: 7.03 min Scan# 441
Delta R.T. -0.01 min
Lab File: BF081074.D
Acq: 19 Aug 2015 9:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		246961		
71	3.4	3.0	4.6		
51	37.8	39.8	59.8#		
120	19.4	15.8	23.8		





#23

Nitrobenzene-d5

Concen: 68.93 ng

RT: 7.18 min Scan# 454

Delta R.T. -0.01 min

Lab File: BF081074.D

Acq: 19 Aug 2015 9:02

Instrument :

BNA_F

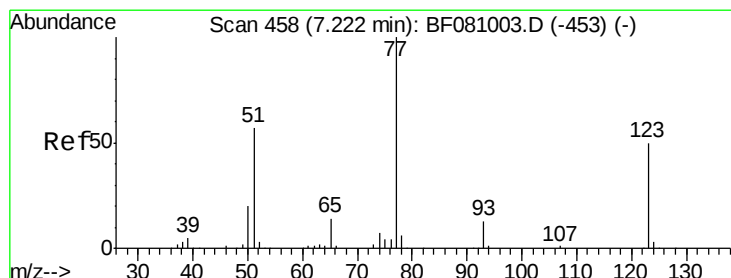
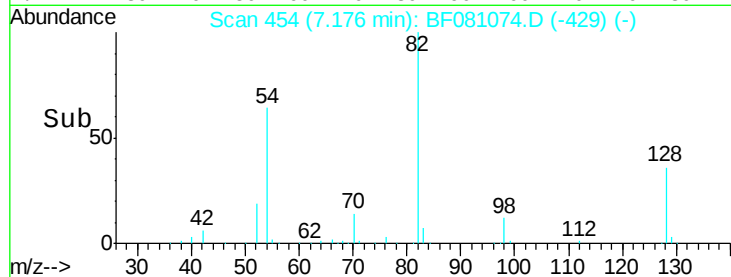
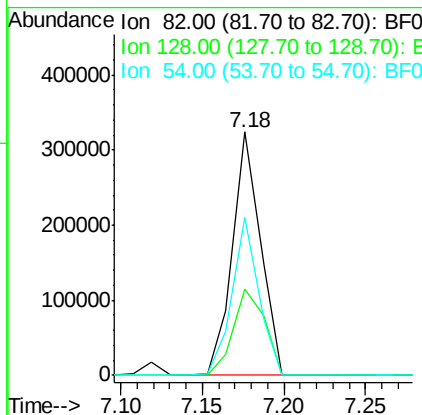
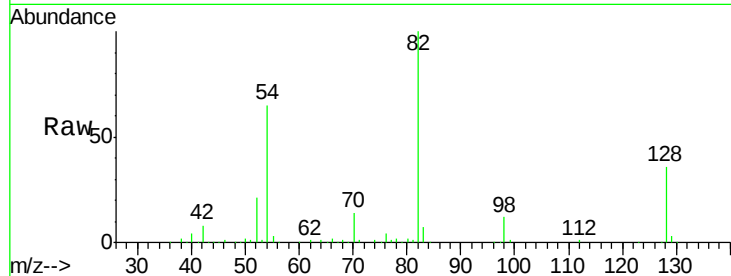
ClientSampleId :

SB04-4.0-5.0-081115MS

Tot Ion	82	Resp	383887
Ion Ratio	Lower	Upper	
82	100		
128	35.7	28.6	42.8
54	65.1	55.1	82.7

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#24

Nitrobenzene

Concen: 37.85 ng

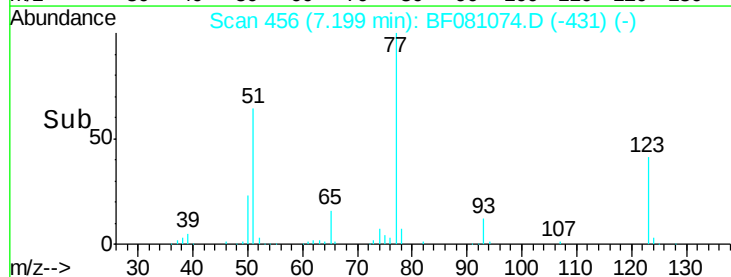
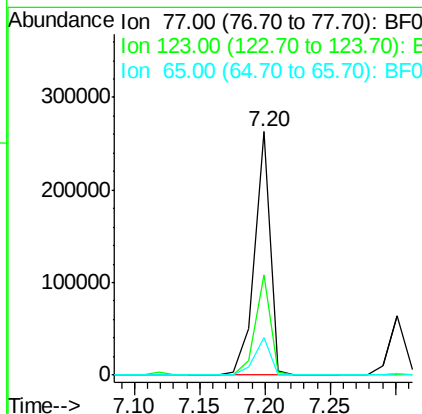
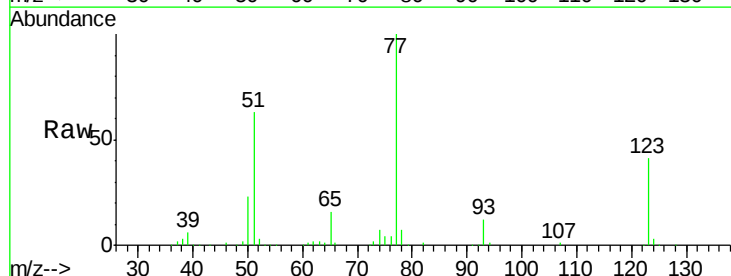
RT: 7.20 min Scan# 456

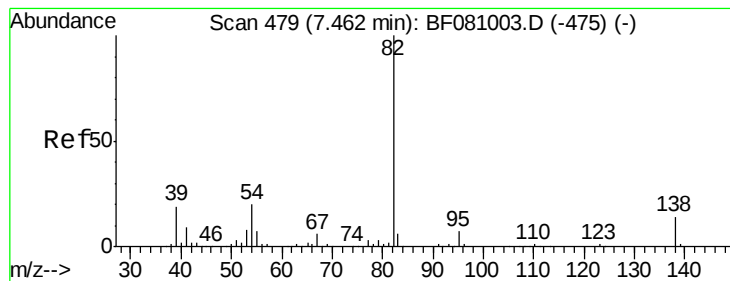
Delta R.T. -0.01 min

Lab File: BF081074.D

Acq: 19 Aug 2015 9:02

Tgt Ion	77	Resp	220427
Ion Ratio	Lower	Upper	
77	100		
123	41.1	32.9	49.3
65	15.6	12.5	18.7





#25

Isophorone

Concen: 33.72 ng

RT: 7.44 min Scan# 477

Delta R.T. -0.01 min

Lab File: BF081074.D

Acq: 19 Aug 2015 9:02

Instrument :

BNA_F

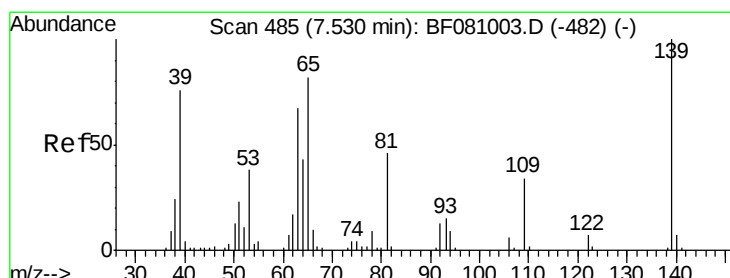
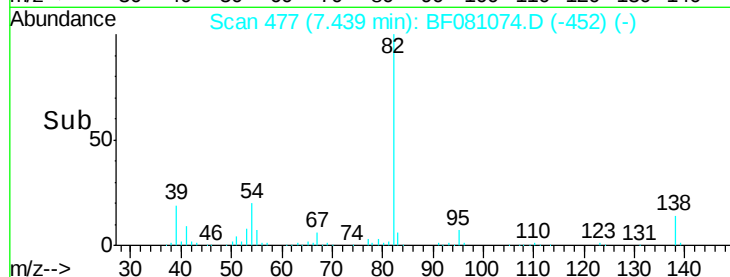
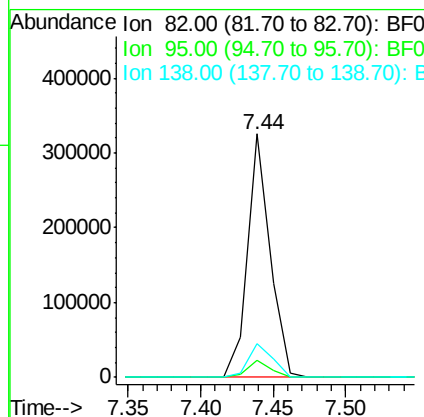
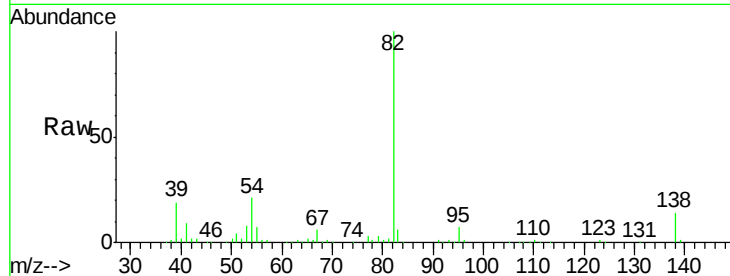
ClientSampleId :

SB04-4.0-5.0-081115MS

Tot Ion:	82	Resp:	350239
Ion Ratio		Lower	Upper
82	100		
95	7.0	6.2	9.2
138	13.9	10.5	15.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 37.58 ng

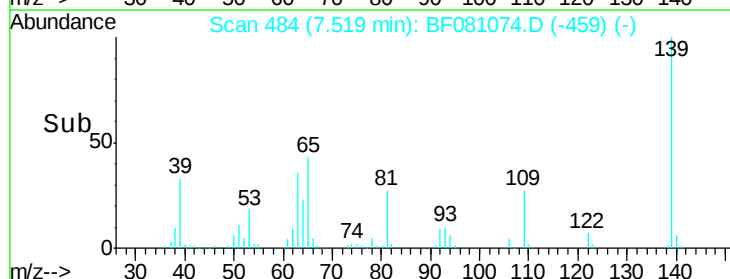
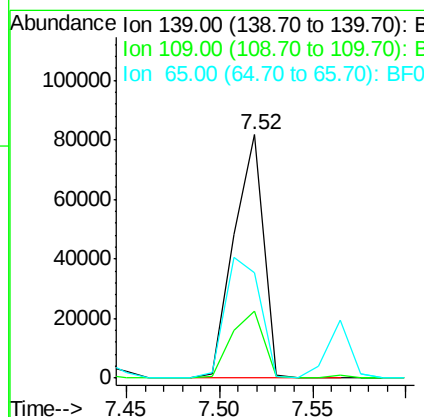
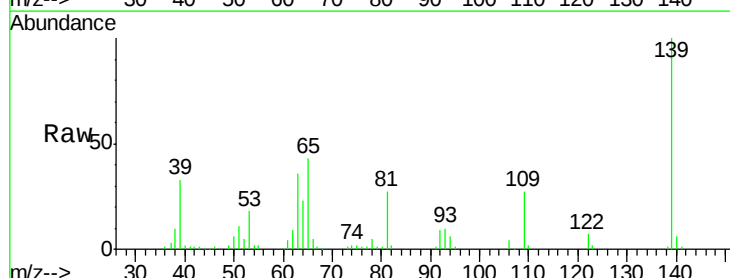
RT: 7.52 min Scan# 484

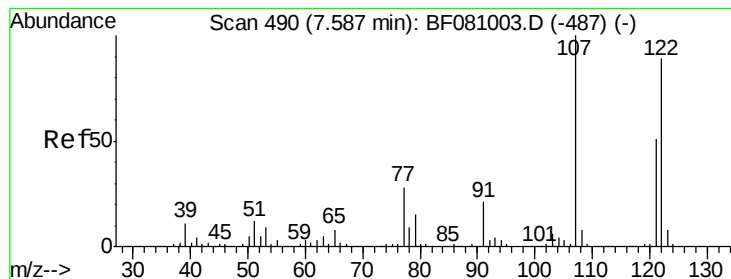
Delta R.T. -0.01 min

Lab File: BF081074.D

Acq: 19 Aug 2015 9:02

Tgt Ion:	139	Resp:	91001
Ion Ratio		Lower	Upper
139	100		
109	27.3	32.1	48.1#
65	43.4	69.9	104.9#





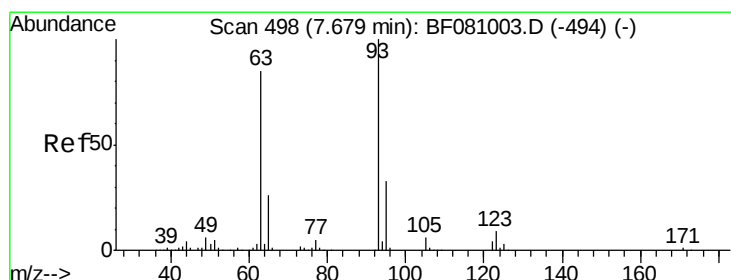
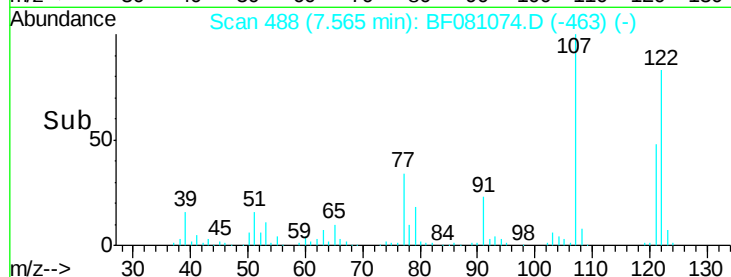
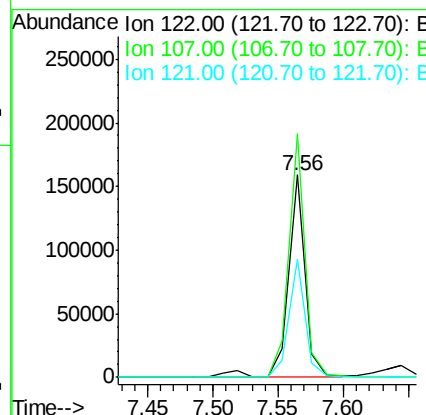
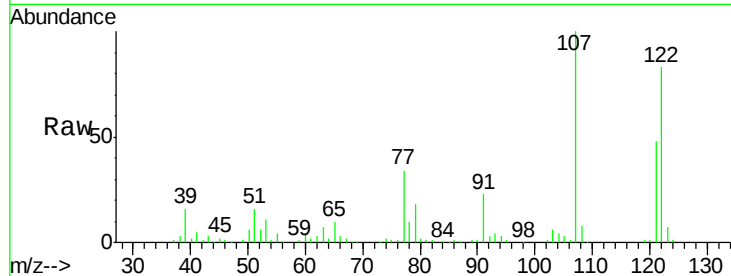
#27
 2,4-Dimethylphenol
 Concen: 33.88 ng
 RT: 7.56 min Scan# 488
 Delta R.T. -0.01 min
 Lab File: BF081074.D
 Acq: 19 Aug 2015 9:02

Instrument :
 BNA_F
 ClientSampleID :
 SB04-4.0-5.0-081115MS

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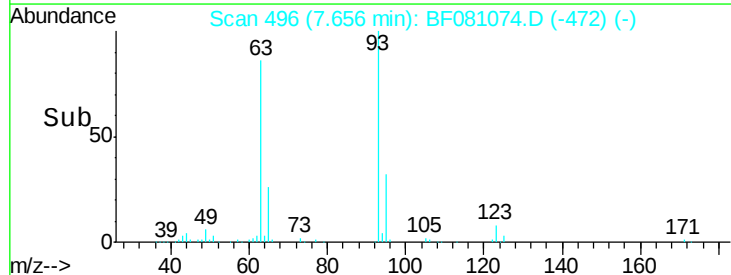
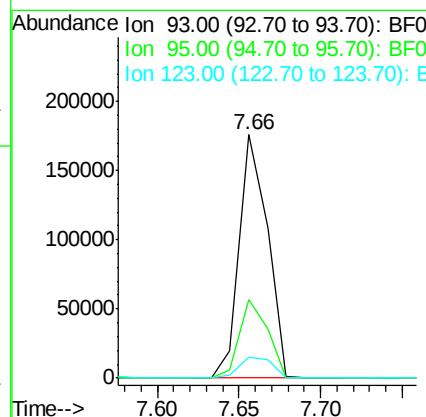
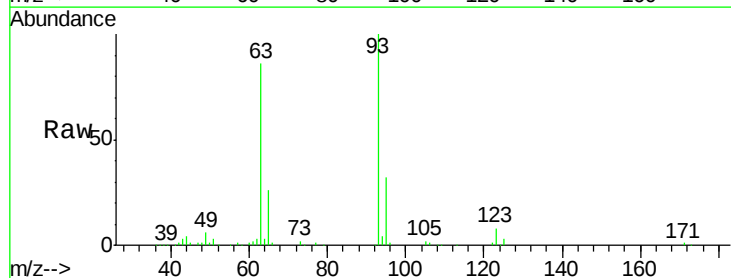
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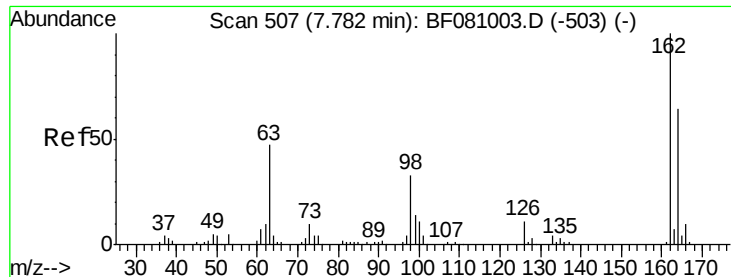
Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100				
107	120.3	103.8	145146	155.6	
121	58.2	47.0	70.4		



#28
 bis(2-Chloroethoxy)methane
 Concen: 34.09 ng
 RT: 7.66 min Scan# 496
 Delta R.T. -0.02 min
 Lab File: BF081074.D
 Acq: 19 Aug 2015 9:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100				
95	32.3	25.8	209191	38.8	
123	8.5	7.4	11.0		





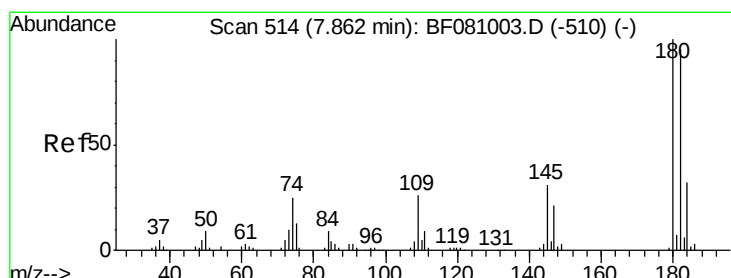
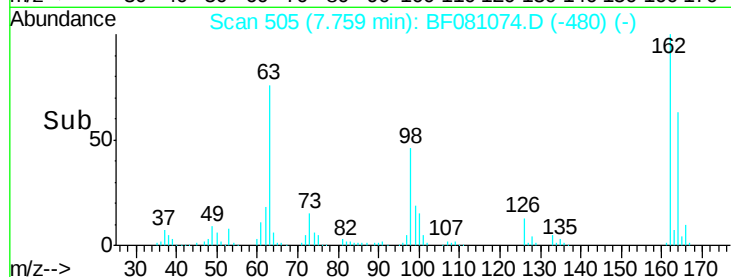
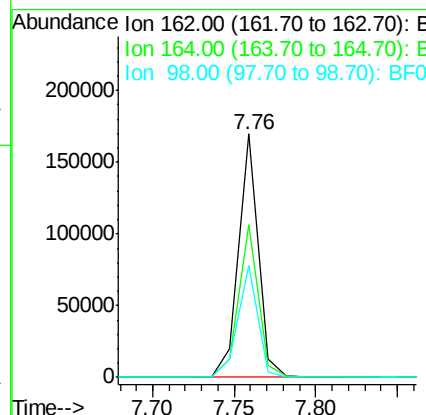
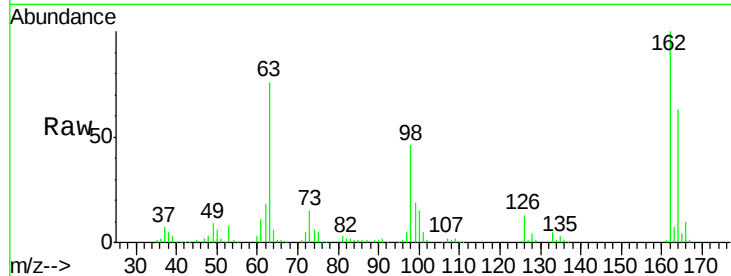
#29
 2,4-Dichlorophenol
 Concen: 38.84 ng
 RT: 7.76 min Scan# 505
 Delta R.T. -0.01 min
 Lab File: BF081074.D
 Acq: 19 Aug 2015 9:02

Instrument :
 BNA_F
 ClientSampleId :
 SB04-4.0-5.0-081115MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		140098		
164	63.0		43.2	83.2	
98	46.0		12.3	52.3	

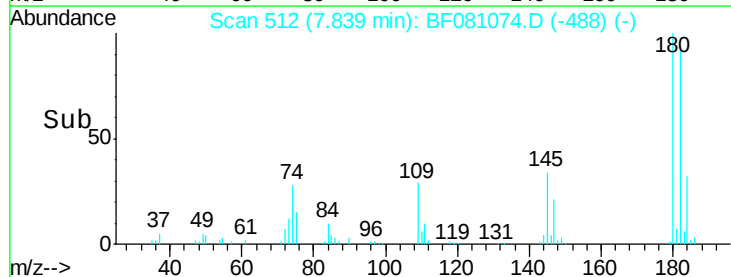
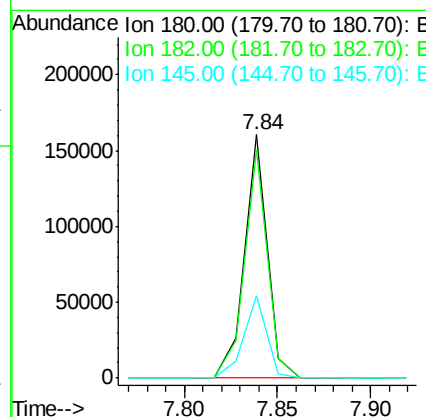
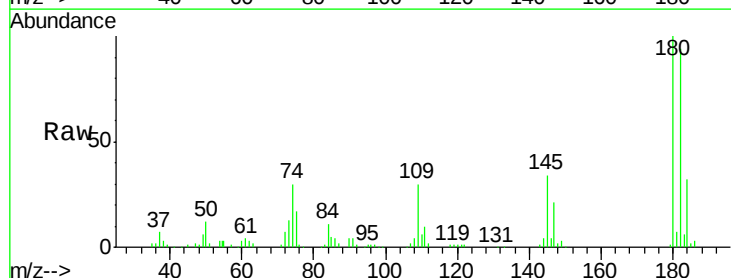
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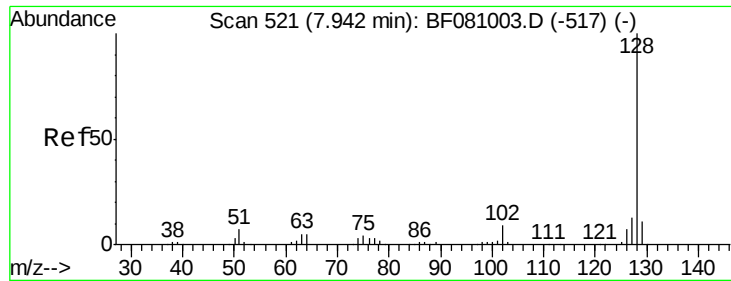
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#30
 1,2,4-Trichlorobenzene
 Concen: 34.14 ng
 RT: 7.84 min Scan# 512
 Delta R.T. -0.02 min
 Lab File: BF081074.D
 Acq: 19 Aug 2015 9:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		136851		
182	93.9		76.4	114.6	
145	33.8		25.4	38.2	





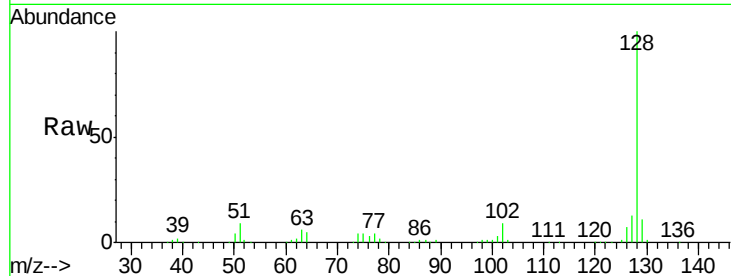
#31
Naphthalene
Concen: 36.28 ng
RT: 7.92 min Scan# 519
Delta R.T. -0.01 min
Lab File: BF081074.D
Acq: 19 Aug 2015 9:02

Instrument :
BNA_F
ClientSampleId :
SB04-4.0-5.0-081115MS

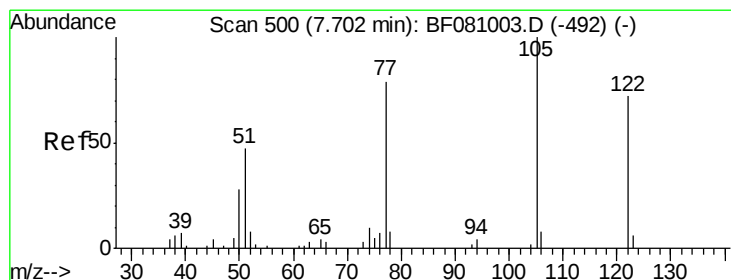
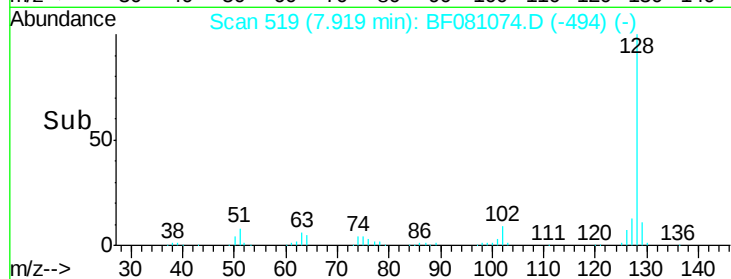
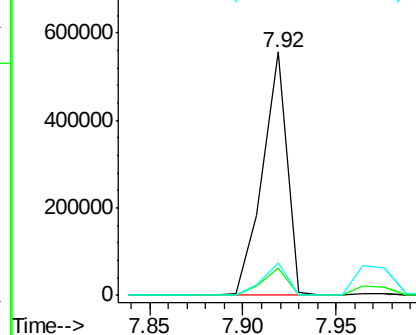
Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.1	8.4	12.6	
127	13.2	10.6	16.0	

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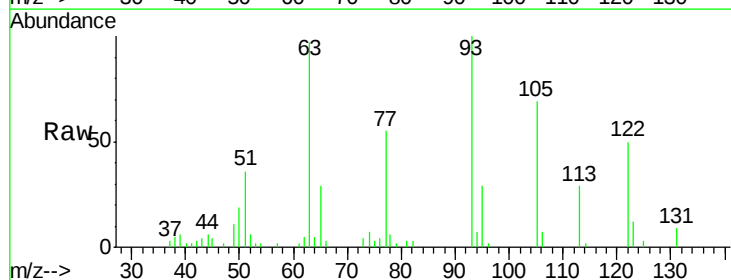


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

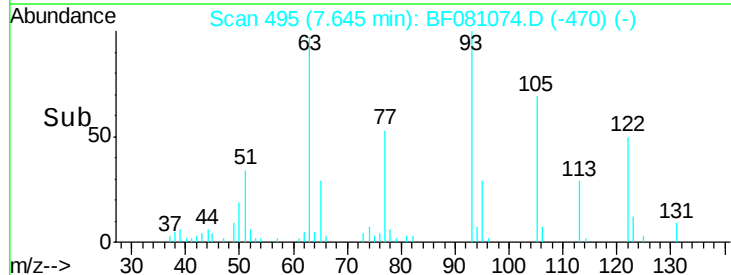
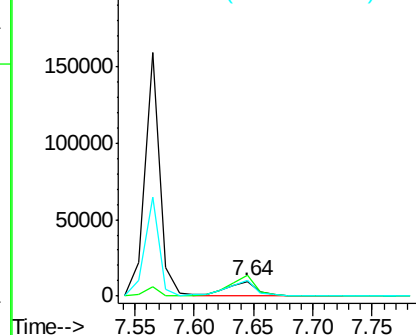


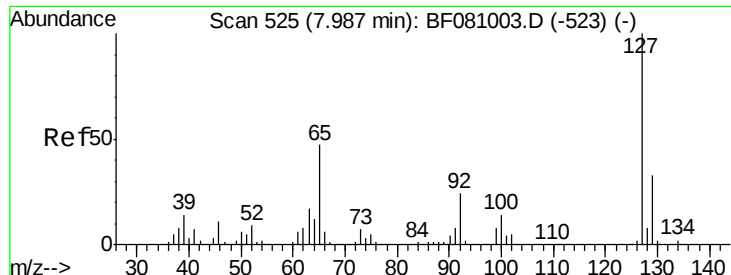
#32
Benzoic acid
Concen: 7.48 ng
RT: 7.64 min Scan# 495
Delta R.T. -0.01 min
Lab File: BF081074.D
Acq: 19 Aug 2015 9:02

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	136.9	113.8	153.8	
77	108.9	93.8	133.8	



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





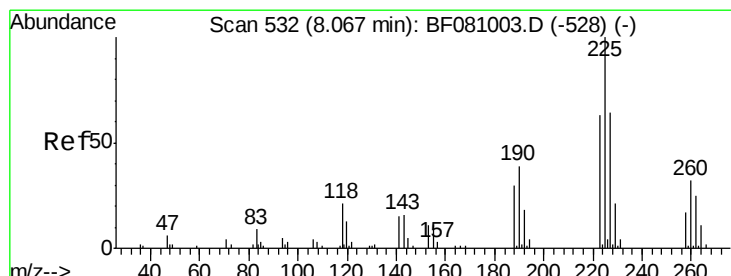
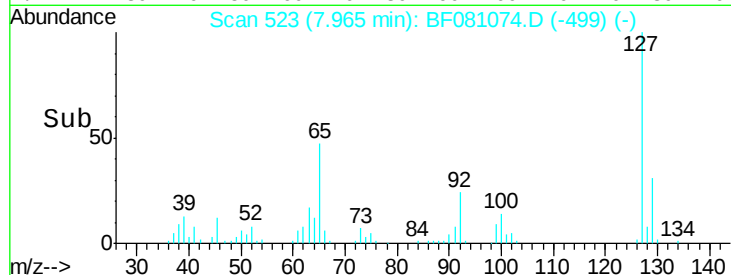
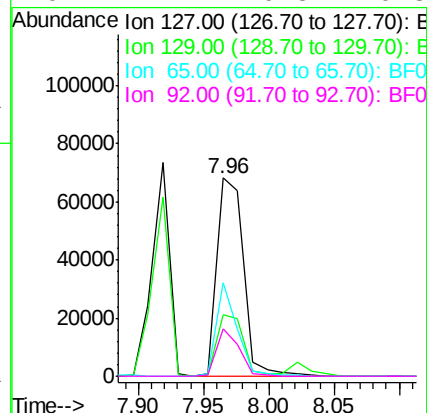
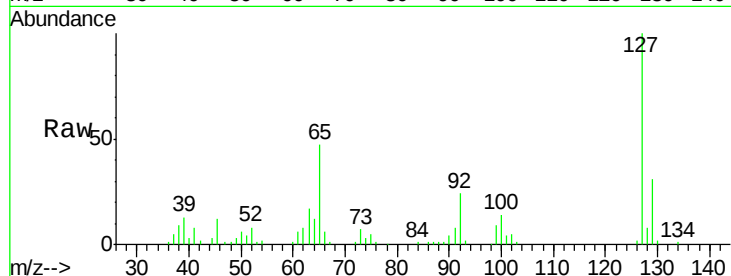
#33
4-Chloroaniline
Concen: 16.38 ng
RT: 7.96 min Scan# 523
Delta R.T. -0.02 min
Lab File: BF081074.D
Acq: 19 Aug 2015 9:02

Instrument :
BNA_F
ClientSampleId :
SB04-4.0-5.0-081115MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		98003		
129	30.9	25.2	37.8		
65	47.1	37.8	56.6		
92	24.2	19.5	29.3		

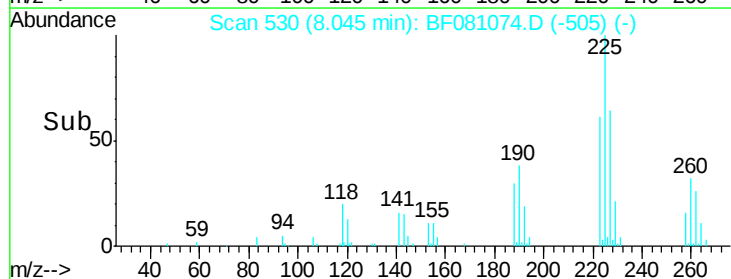
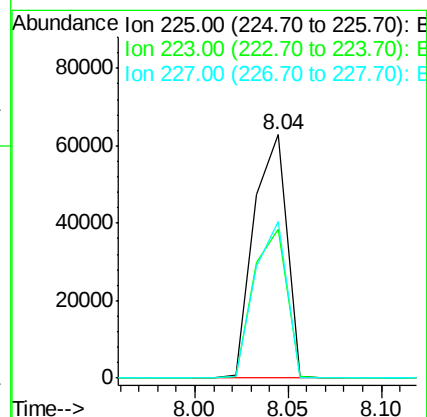
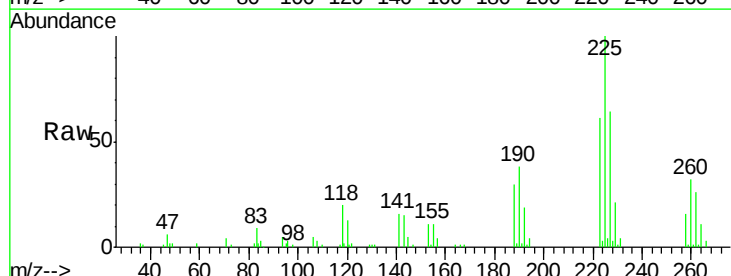
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#34
Hexachlorobutadiene
Concen: 33.73 ng
RT: 8.04 min Scan# 530
Delta R.T. -0.01 min
Lab File: BF081074.D
Acq: 19 Aug 2015 9:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		76457		
223	60.9	52.6	79.0		
227	64.3	51.1	76.7		





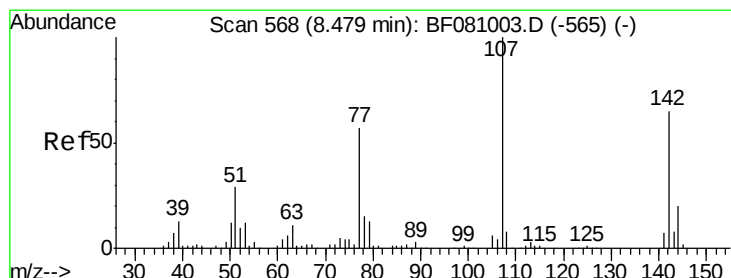
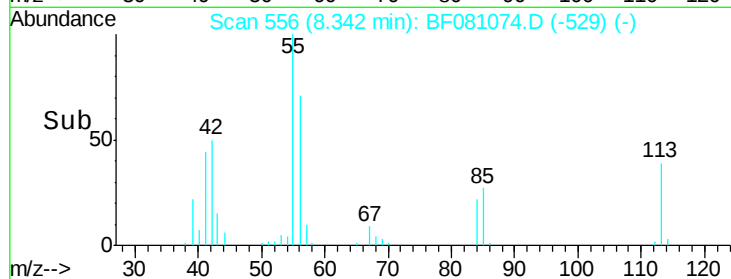
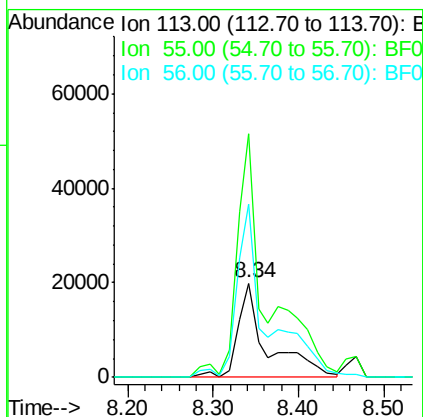
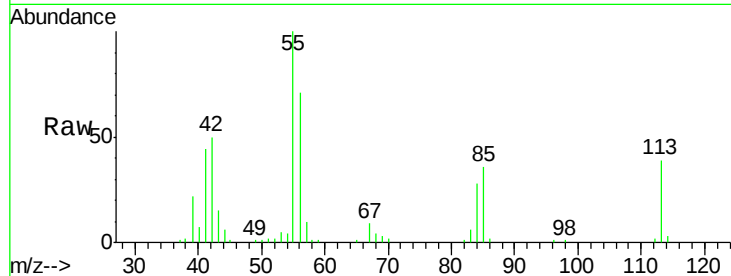
#35
 Caprolactam
 Concen: 37.99 ng/ml
 RT: 8.34 min Scan# 556
 Delta R.T. 0.01 min
 Lab File: BF081074.D
 Acq: 19 Aug 2015 9:02

Instrument :
 BNA_F
 ClientSampleId :
 SB04-4.0-5.0-081115MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	259.2		280.4	320.4	#
56	184.9		205.9	245.9	#

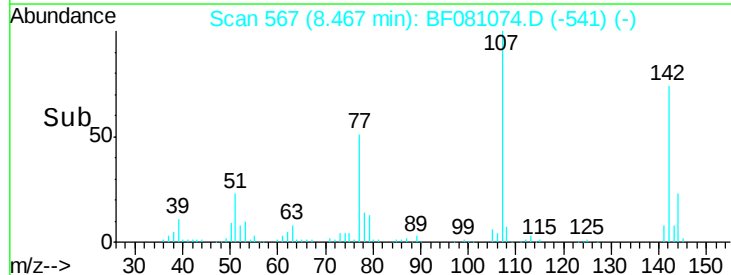
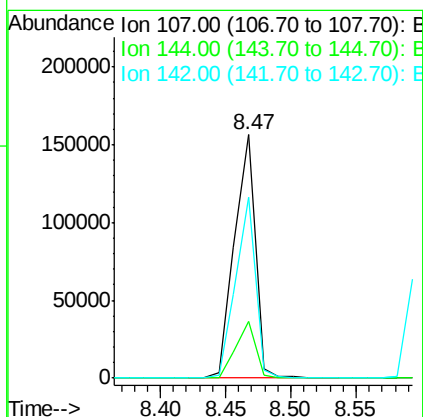
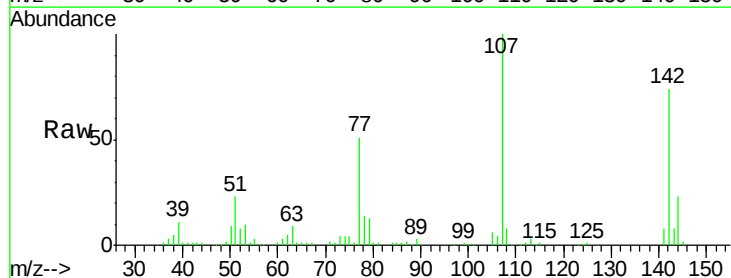
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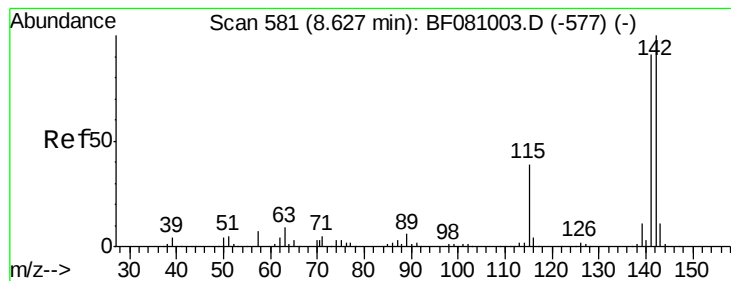
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#36
 4-Chloro-3-methylphenol
 Concen: 40.38 ng/ml
 RT: 8.47 min Scan# 567
 Delta R.T. 0.00 min
 Lab File: BF081074.D
 Acq: 19 Aug 2015 9:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	23.3		17.2	25.8	
142	74.2		54.9	82.3	





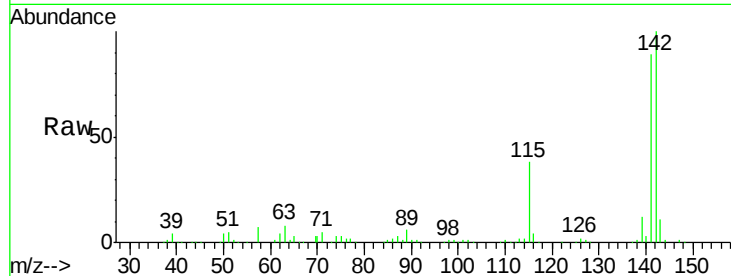
#37
2-Methylnaphthalene
Concen: 36.14 ng
RT: 8.60 min Scan# 579
Delta R.T. -0.02 min
Lab File: BF081074.D
Acq: 19 Aug 2015 9:02

Instrument :
BNA_F
ClientSampleId :
SB04-4.0-5.0-081115MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.4	107.2
115	38.3	33.4	50.0

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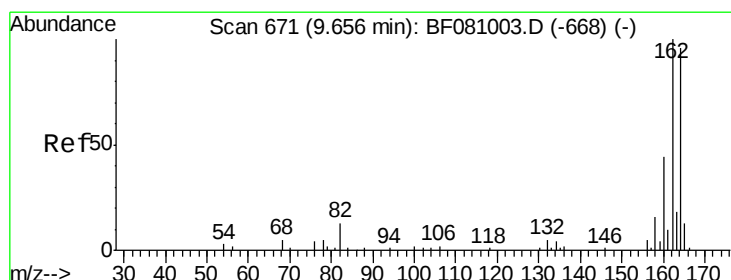
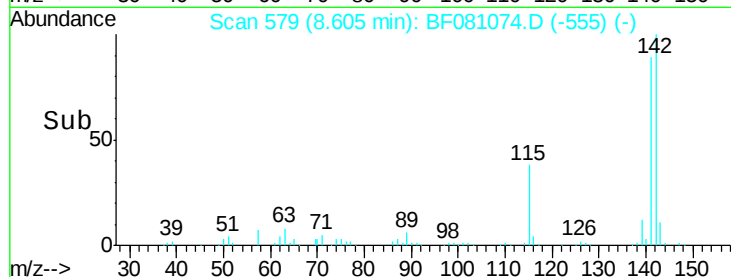
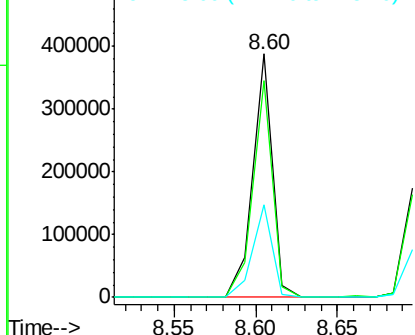


Abundance

Ion 142.00 (141.70 to 142.70): E

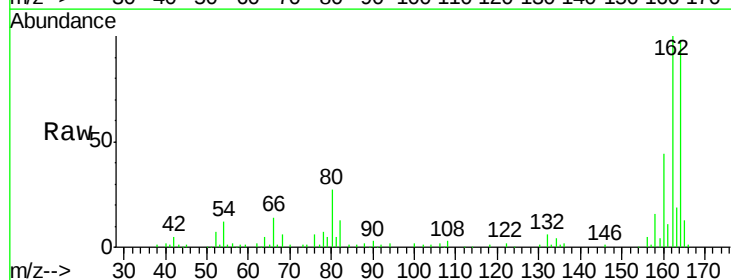
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.63 min Scan# 669
Delta R.T. -0.02 min
Lab File: BF081074.D
Acq: 19 Aug 2015 9:02

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.4	83.8	125.8
160	45.1	39.8	59.8

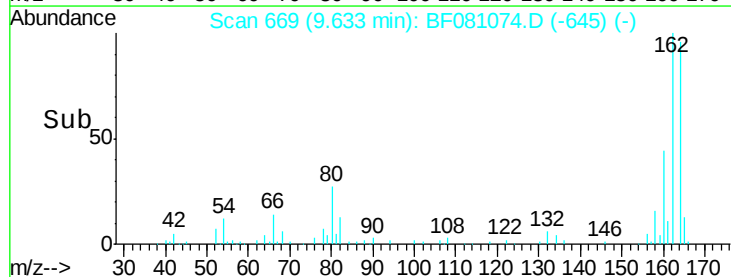
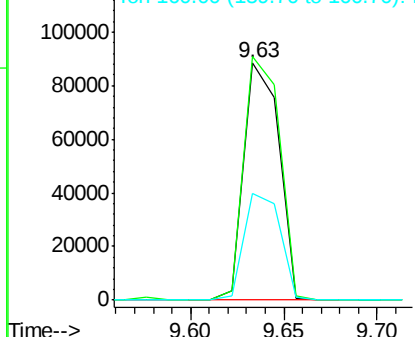


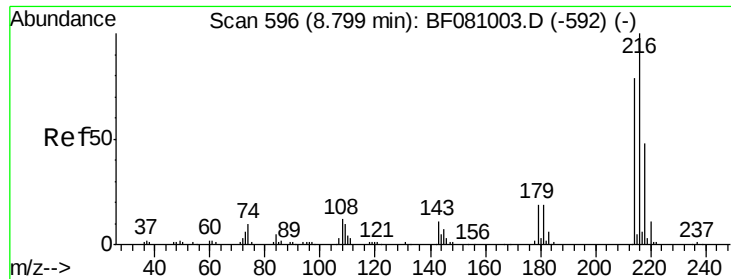
Abundance

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: 36.61 ng

RT: 8.78 min Scan# 594

Delta R.T. -0.01 min

Lab File: BF081074.D

Acq: 19 Aug 2015 9:02

Instrument :

BNA_F

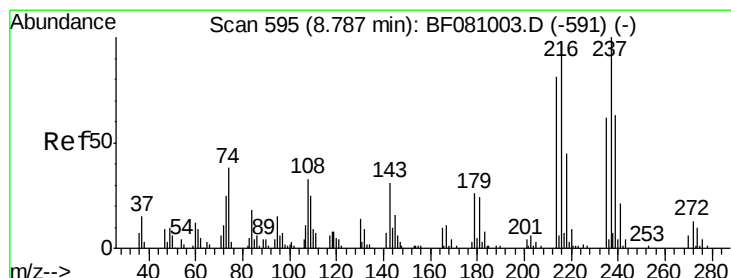
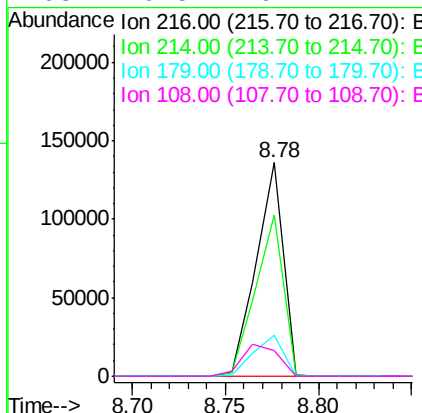
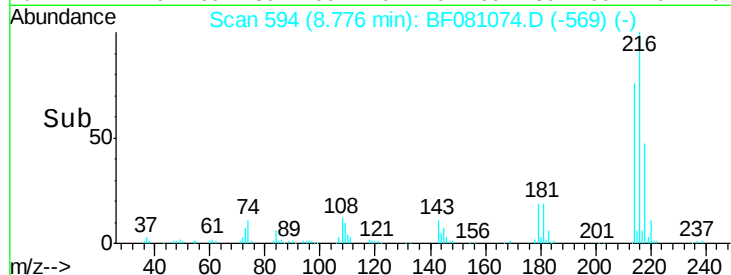
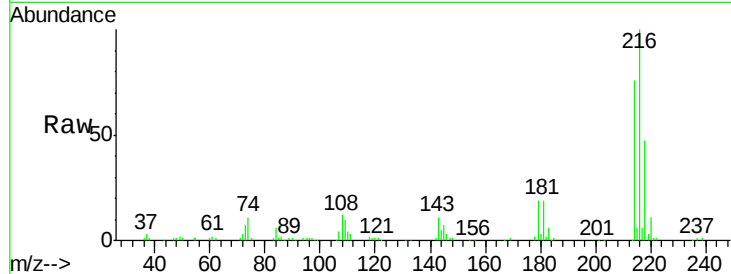
ClientSampleId :

SB04-4.0-5.0-081115MS

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	77.4	63.8	95.8		
179	21.1	17.8	26.8		
108	20.5	16.2	24.2		



#40

Hexachlorocyclopentadiene

Concen: 48.79 ng

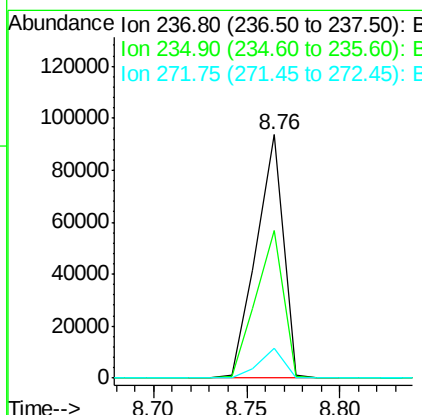
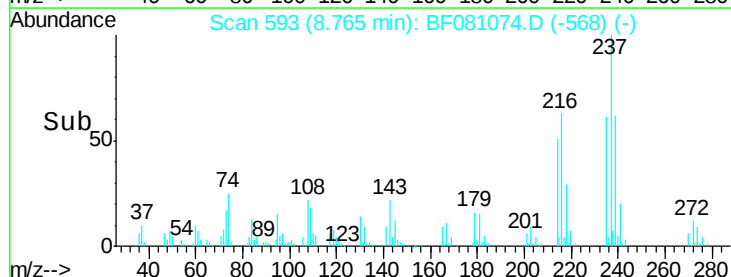
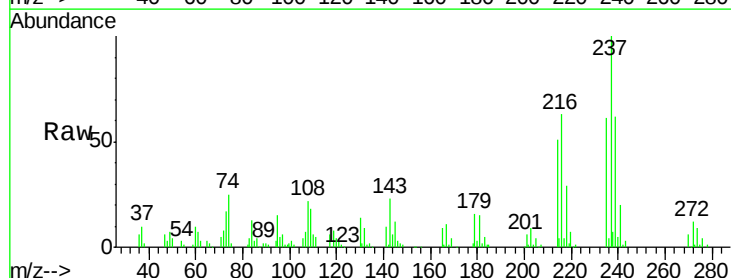
RT: 8.76 min Scan# 593

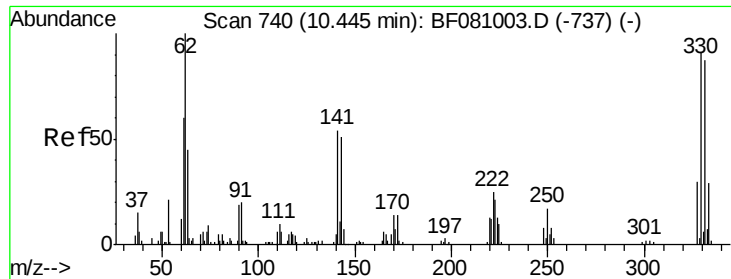
Delta R.T. -0.01 min

Lab File: BF081074.D

Acq: 19 Aug 2015 9:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	60.7	43.6	83.6		
272	12.1	0.0	32.2		





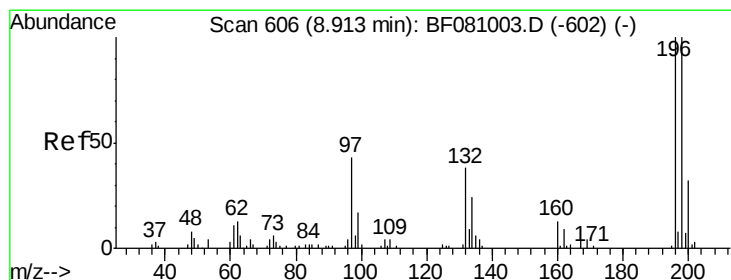
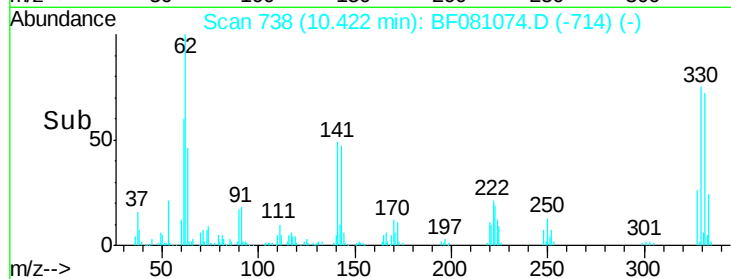
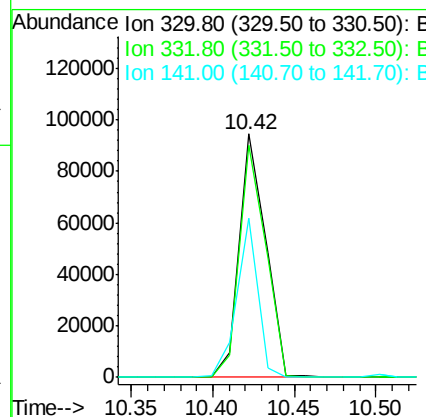
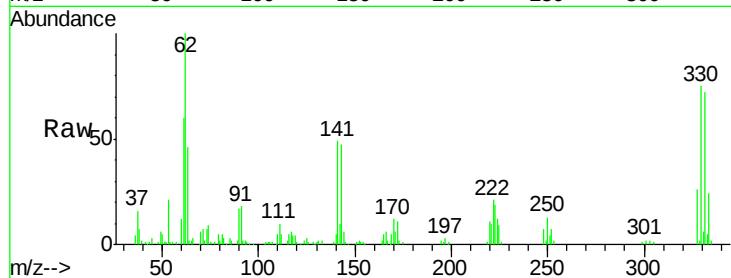
#41
 2,4,6-Tribromophenol
 Concen: 105.37 ng
 RT: 10.42 min Scan# 738
 Delta R.T. -0.02 min
 Lab File: BF081074.D
 Acq: 19 Aug 2015 9:02

Instrument :
 BNA_F
 ClientSampleId :
 SB04-4.0-5.0-081115MS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.4	77.3	115.9	
141	51.8	44.9	67.3	

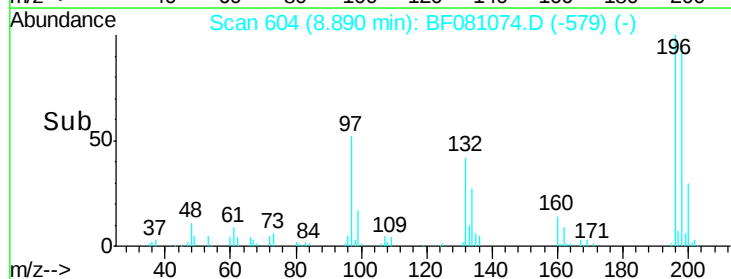
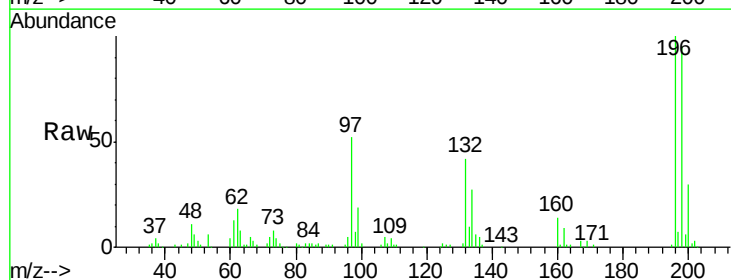
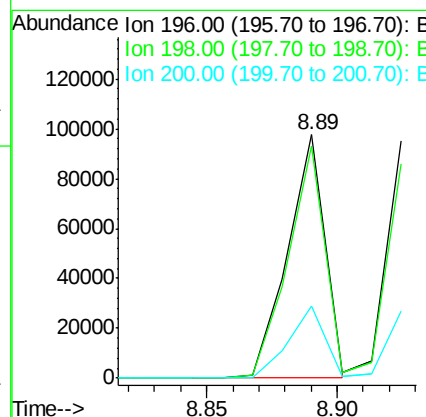
Manual Integrations
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#42
 2,4,6-Trichlorophenol
 Concen: 36.59 ng
 RT: 8.89 min Scan# 604
 Delta R.T. -0.01 min
 Lab File: BF081074.D
 Acq: 19 Aug 2015 9:02

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	95.1	74.6	111.8	
200	29.8	22.7	34.1	





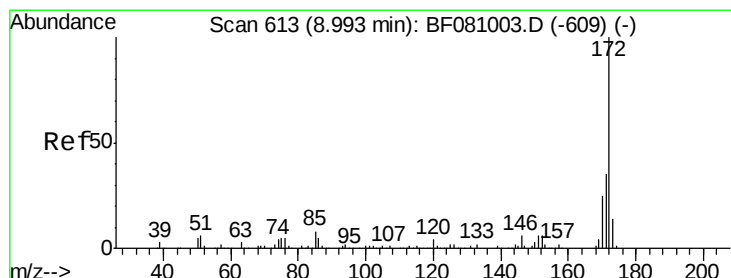
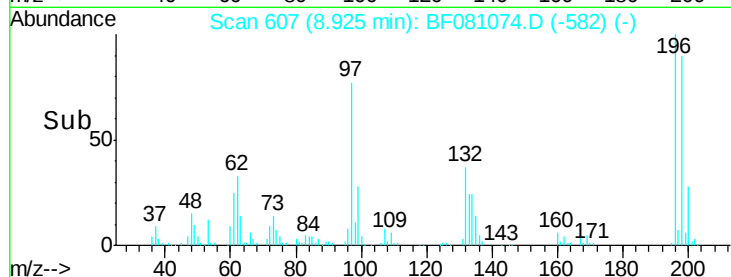
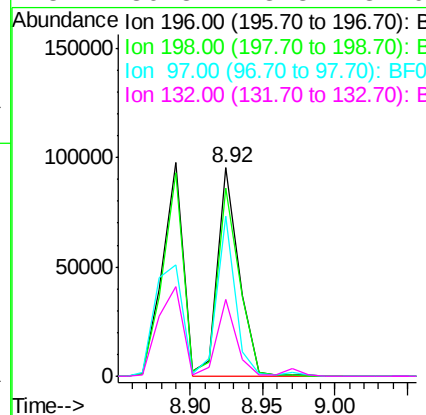
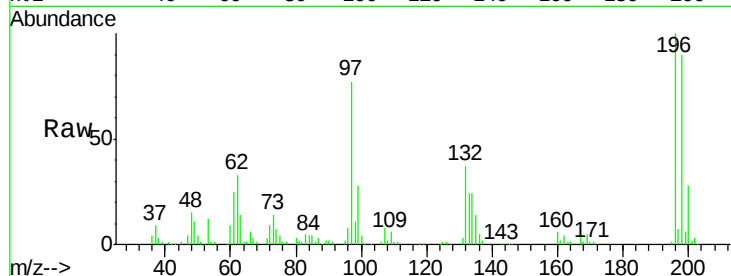
#43
 2,4,5-Trichlorophenol
 Concen: 37.15 ng
 RT: 8.92 min Scan# 607
 Delta R.T. -0.01 min
 Lab File: BF081074.D
 Acq: 19 Aug 2015 9:02

Instrument :
 BNA_F
 ClientSampleId :
 SB04-4.0-5.0-081115MS

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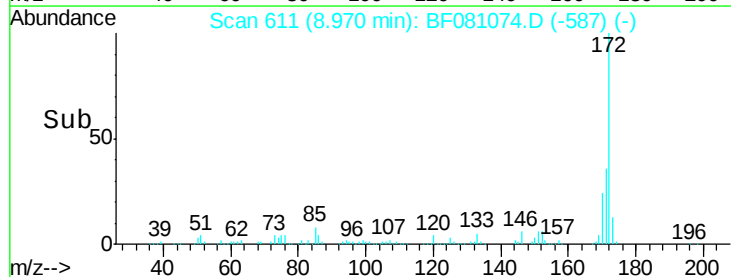
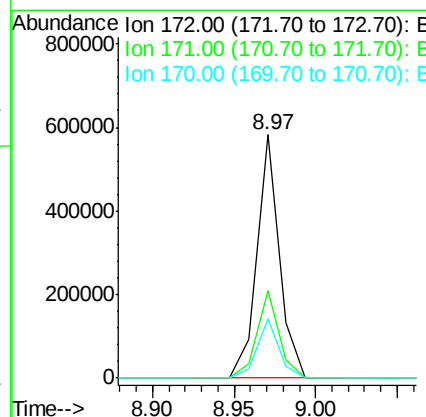
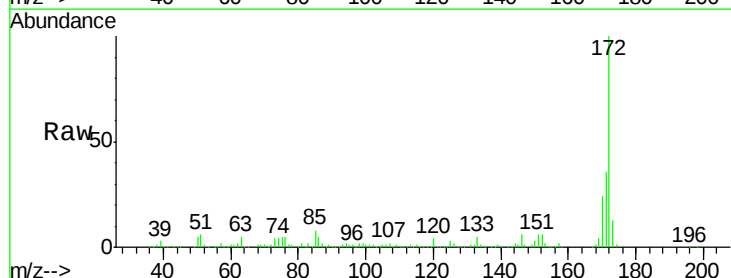
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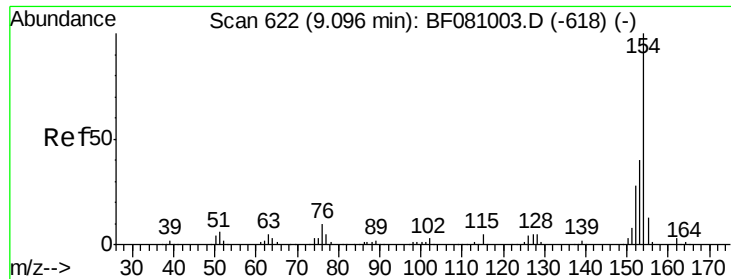
Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		97733		
198	90.1	78.3	117.5		
97	76.8	42.7	64.1#		
132	36.8	23.3	34.9#		



#44
 2-Fluorobiphenyl
 Concen: 63.08 ng
 RT: 8.97 min Scan# 611
 Delta R.T. -0.02 min
 Lab File: BF081074.D
 Acq: 19 Aug 2015 9:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		555871		
171	36.0	28.9	43.3		
170	24.3	19.4	29.2		





#45

1,1'-Biphenyl

Concen: 40.12 ng

RT: 9.07 min Scan# 620

Delta R.T. -0.01 min

Lab File: BF081074.D

Acq: 19 Aug 2015 9:02

Instrument :

BNA_F

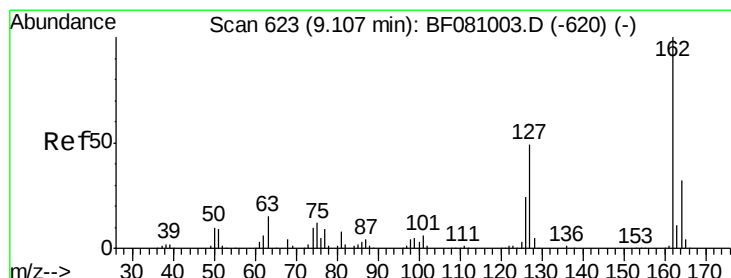
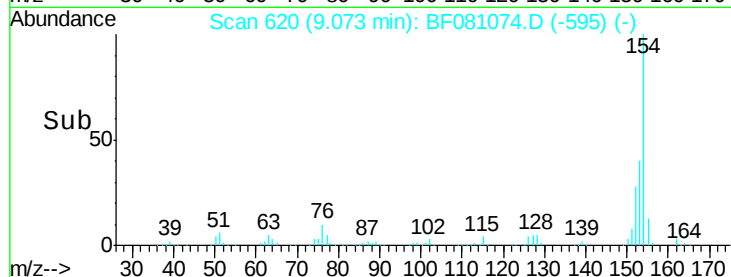
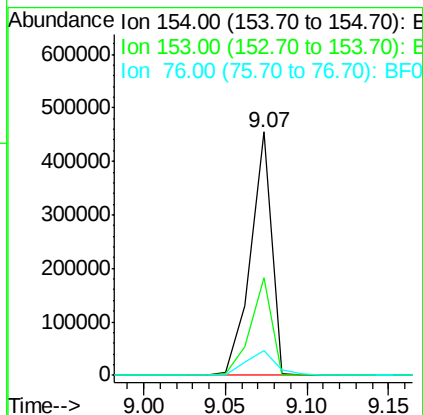
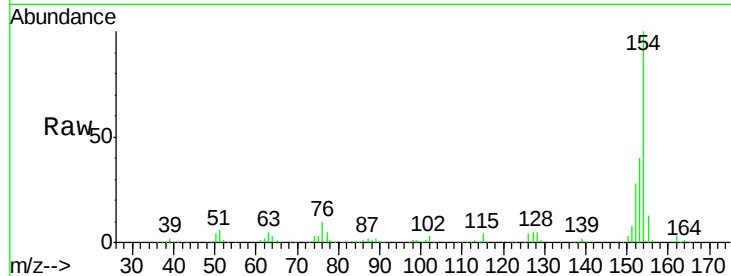
ClientSampleId :

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Tot Ion:	154	Resp:	408014
Ion Ratio		Lower	Upper
154	100		
153	40.1	19.5	59.5
76	10.4	0.0	29.3



#46

2-Chloronaphthalene

Concen: 32.91 ng

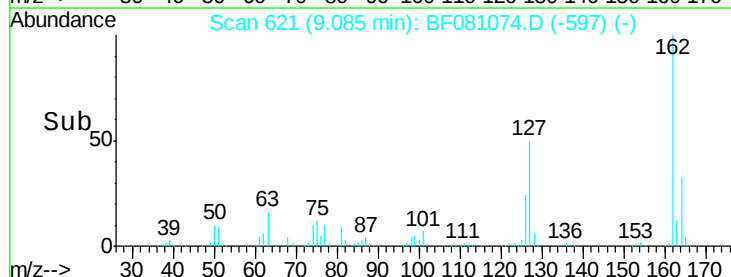
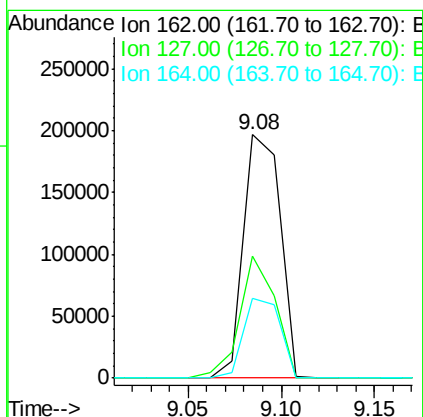
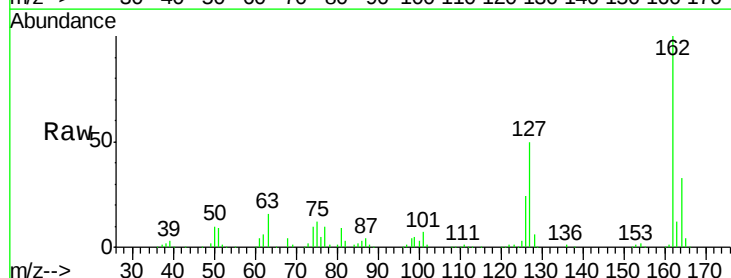
RT: 9.08 min Scan# 621

Delta R.T. -0.02 min

Lab File: BF081074.D

Acq: 19 Aug 2015 9:02

Tgt Ion:	162	Resp:	268885
Ion Ratio		Lower	Upper
162	100		
127	50.3	31.3	46.9#
164	32.7	26.3	39.5





#47

2-Nitroaniline

Concen: 32.74 ng

RT: 9.19 min Scan# 630

Delta R.T. -0.01 min

Lab File: BF081074.D

Acq: 19 Aug 2015 9:02

Instrument :

BNA_F

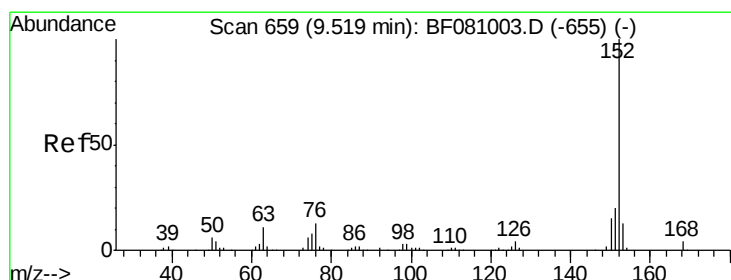
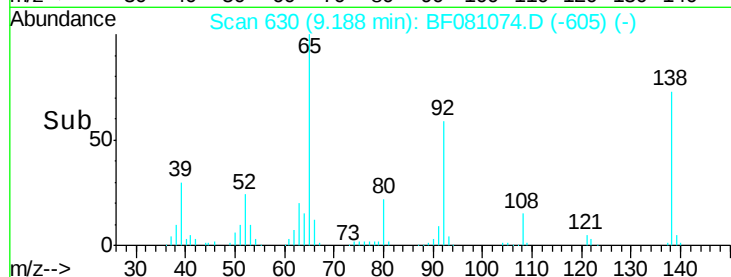
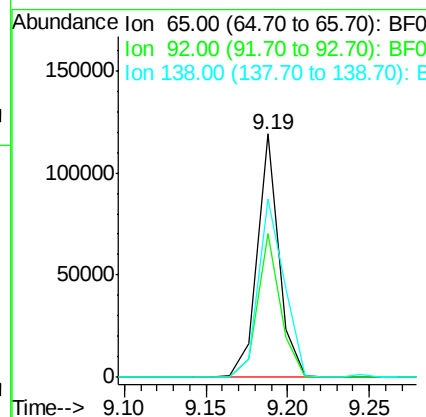
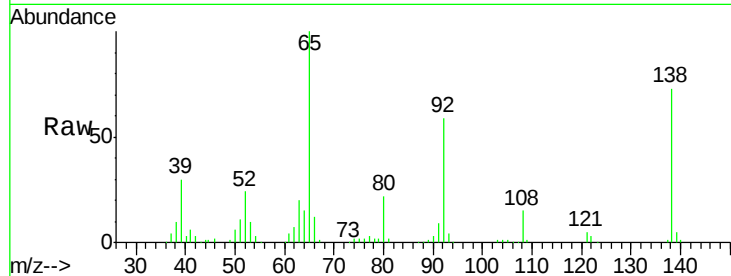
ClientSampleId :

SB04-4.0-5.0-081115MS

Tot Ion:	65	Resp:	109486
Ion Ratio	Lower	Upper	
65	100		
92	59.0	45.6	68.4
138	73.5	57.9	86.9

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#48

Acenaphthylene

Concen: 30.81 ng

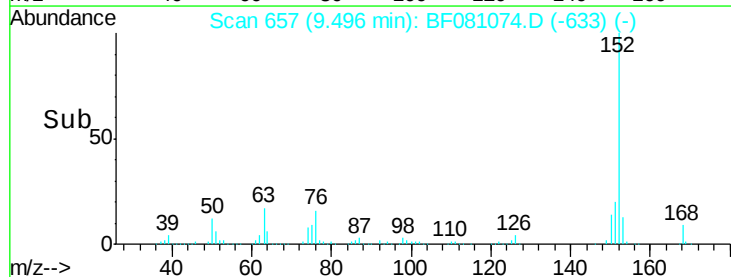
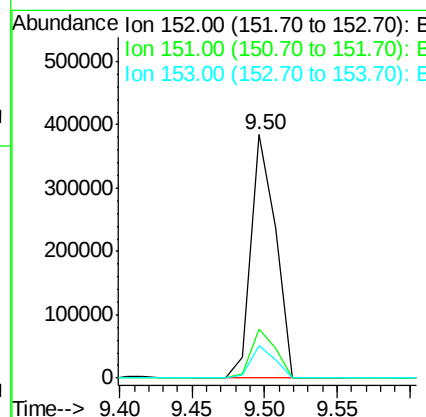
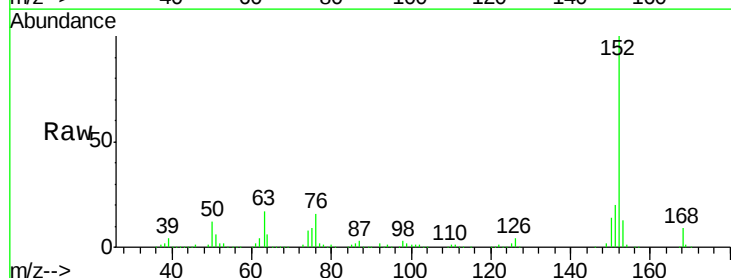
RT: 9.50 min Scan# 657

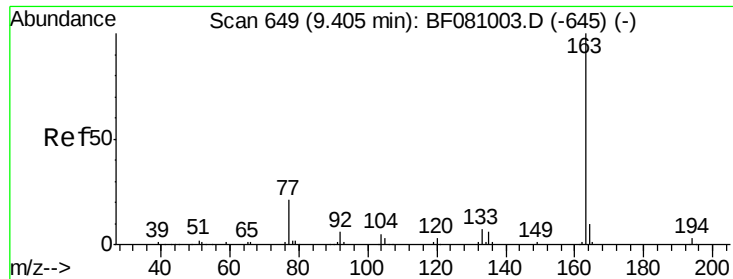
Delta R.T. -0.02 min

Lab File: BF081074.D

Acq: 19 Aug 2015 9:02

Tgt Ion:	152	Resp:	450272
Ion Ratio	Lower	Upper	
152	100		
151	20.3	16.1	24.1
153	13.4	9.8	14.6





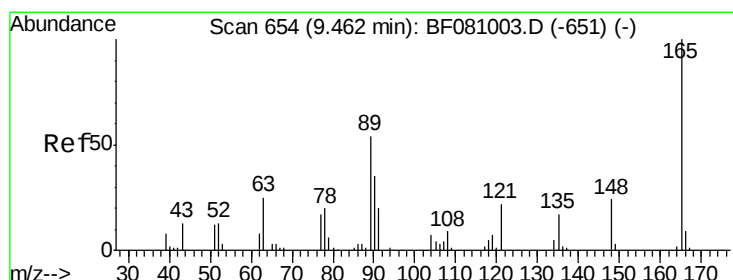
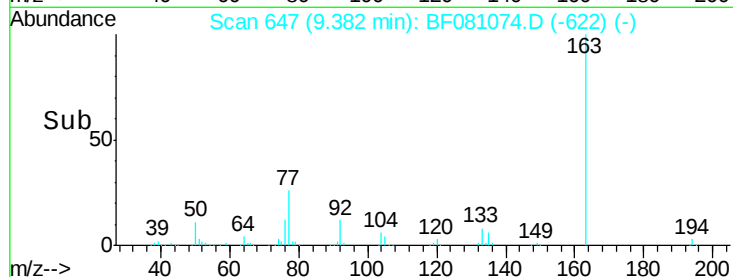
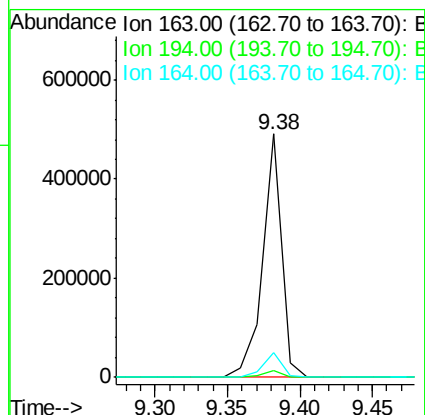
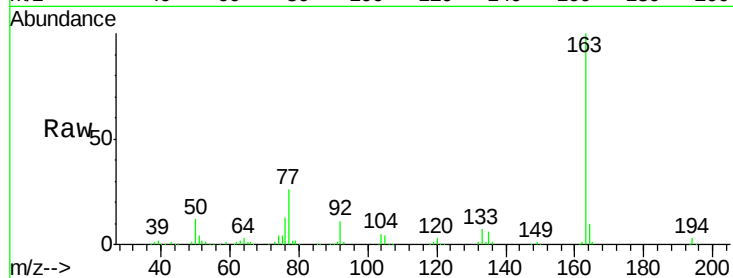
#49
Dimethylphthalate
Concen: 46.52 ng
RT: 9.38 min Scan# 647
Delta R.T. -0.01 min
Lab File: BF081074.D
Acq: 19 Aug 2015 9:02

Instrument :
BNA_F
ClientSampleId :
SB04-4.0-5.0-081115MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
163	100		442380		
194	3.1		2.5	3.7	
164	10.4		8.1	12.1	

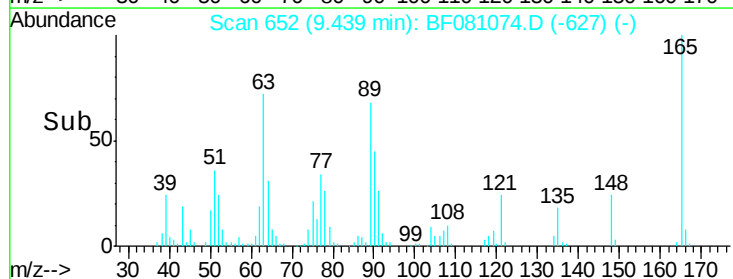
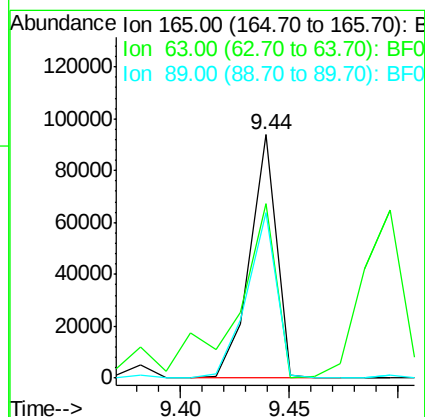
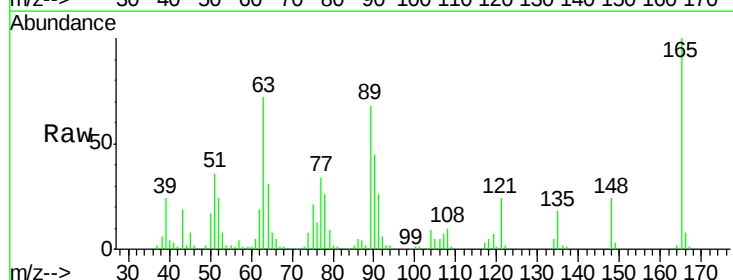
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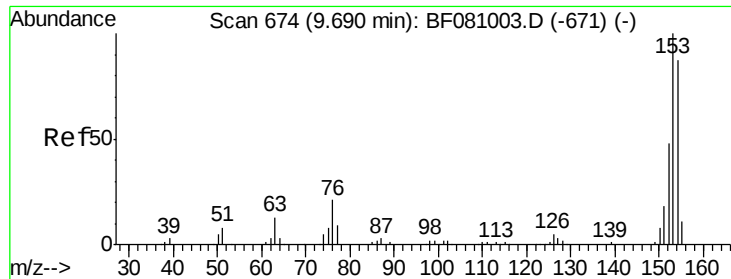
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#50
2,6-Dinitrotoluene
Concen: 39.24 ng
RT: 9.44 min Scan# 652
Delta R.T. -0.01 min
Lab File: BF081074.D
Acq: 19 Aug 2015 9:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
165	100		80118		
63	71.7		49.5	74.3	
89	68.2		47.6	71.4	





#51

Acenaphthene

Concen: 31.46 ng

RT: 9.67 min Scan# 672

Delta R.T. -0.02 min

Lab File: BF081074.D

Acq: 19 Aug 2015 9:02

Instrument :

BNA_F

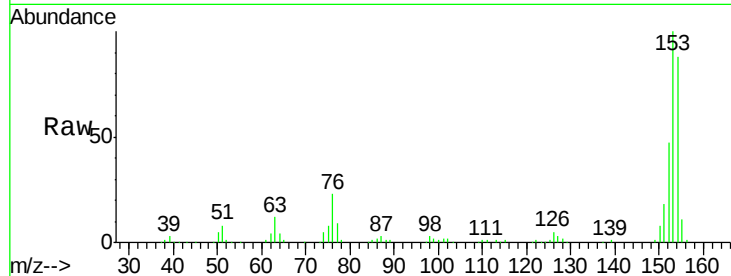
ClientSampleId :

SB04-4.0-5.0-081115MS

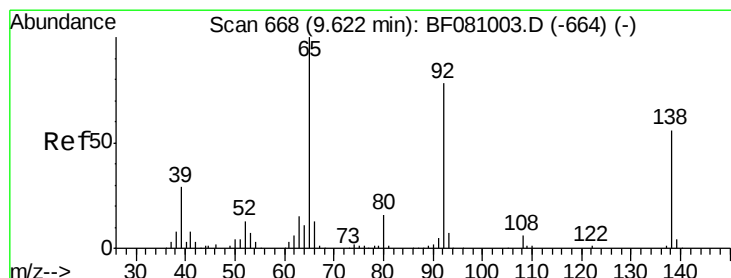
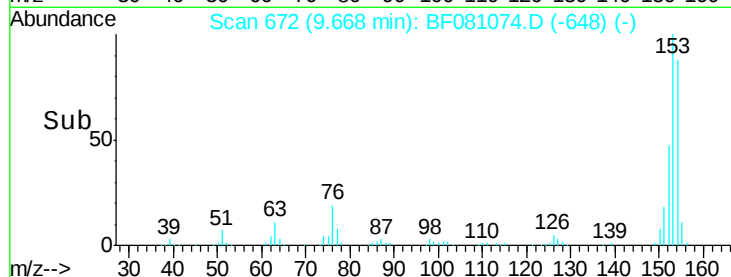
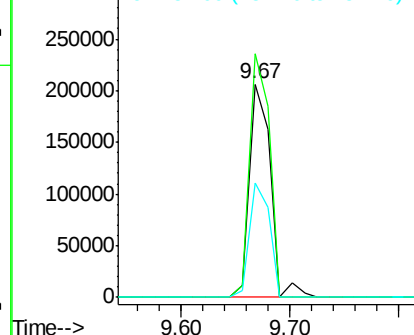
Tot Ion:	154	Resp:	275308
Ion Ratio	Lower	Upper	
154	100		
153	114.2	91.4	137.2
152	53.7	43.7	65.5

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



#52

3-Nitroaniline

Concen: 25.66 ng

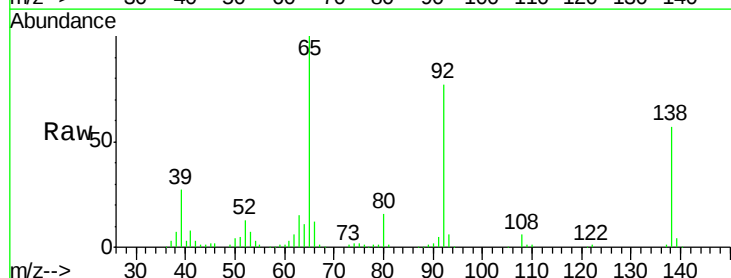
RT: 9.60 min Scan# 666

Delta R.T. -0.01 min

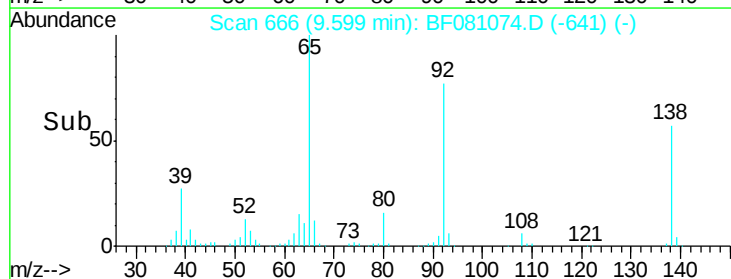
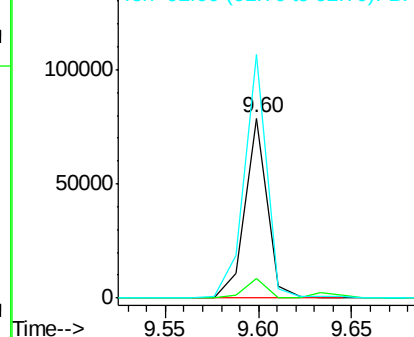
Lab File: BF081074.D

Acq: 19 Aug 2015 9:02

Tgt Ion:	138	Resp:	65567
Ion Ratio	Lower	Upper	
138	100		
108	10.8	9.4	14.2
92	135.3	113.2	169.8



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





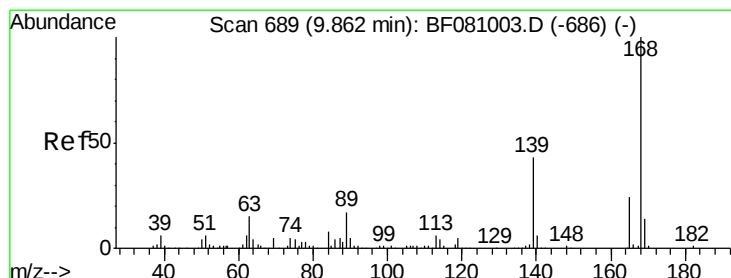
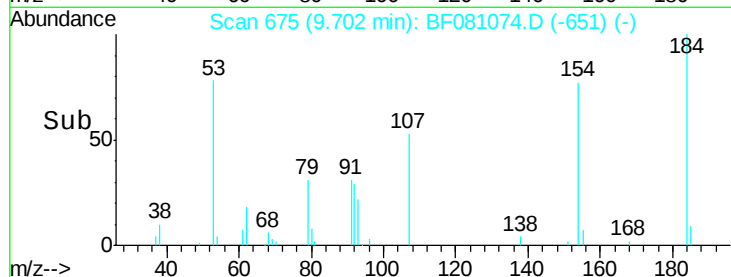
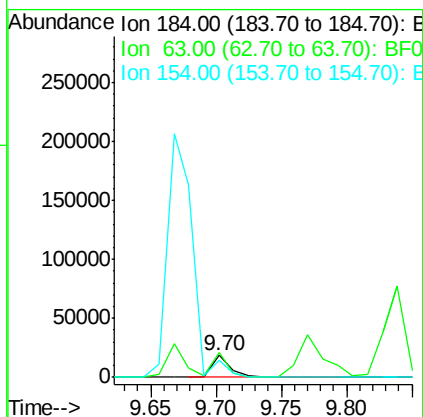
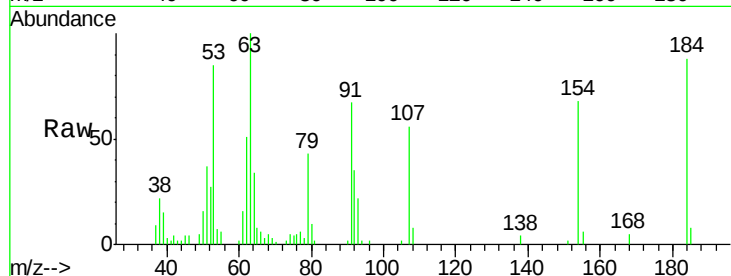
#53
2,4-Dinitrophenol
Concen: 21.21 ng
RT: 9.70 min Scan# 675
Delta R.T. -0.02 min
Lab File: BF081074.D
Acq: 19 Aug 2015 9:02

Instrument :
BNA_F
ClientSampleId :
SB04-4.0-5.0-081115MS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	18639		
63	113.0	101.7	152.5	
154	77.3	67.4	101.0	

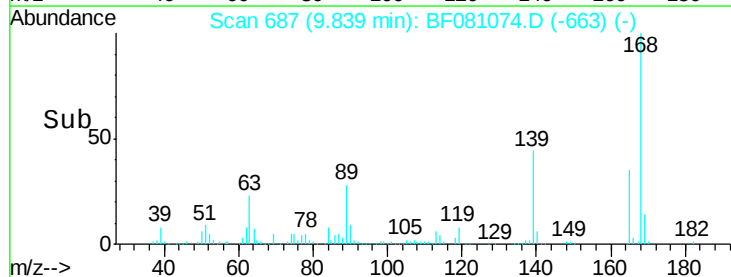
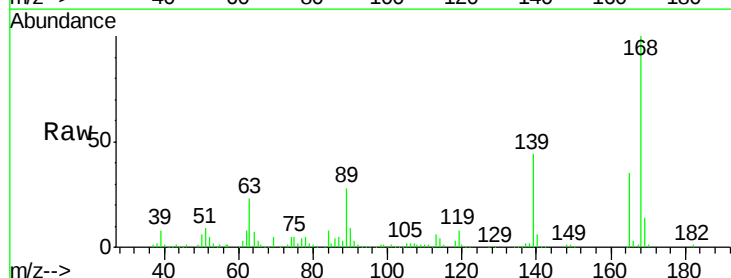
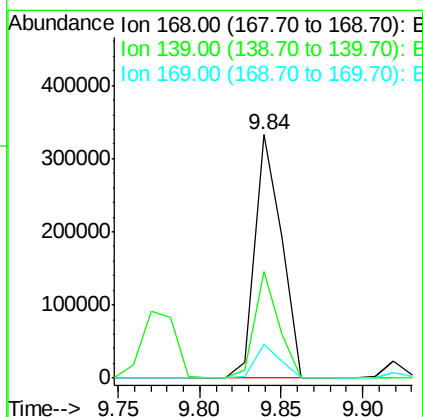
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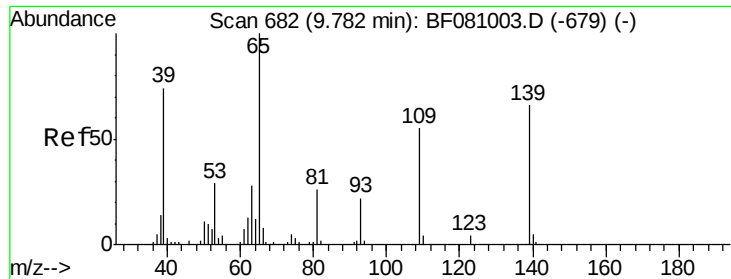
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#54
Dibenzofuran
Concen: 32.07 ng
RT: 9.84 min Scan# 687
Delta R.T. -0.02 min
Lab File: BF081074.D
Acq: 19 Aug 2015 9:02

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	376099		
139	43.9	29.3	43.9	
169	13.9	10.3	15.5	





#55

4-Nitrophenol

Concen: 75.08 ng

RT: 9.77 min Scan# 681

Delta R.T. -0.01 min

Lab File: BF081074.D

Acq: 19 Aug 2015 9:02

Instrument :

BNA_F

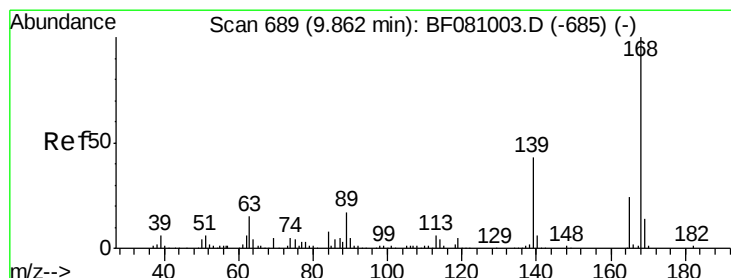
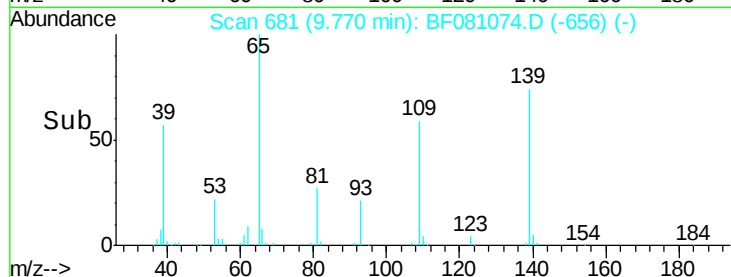
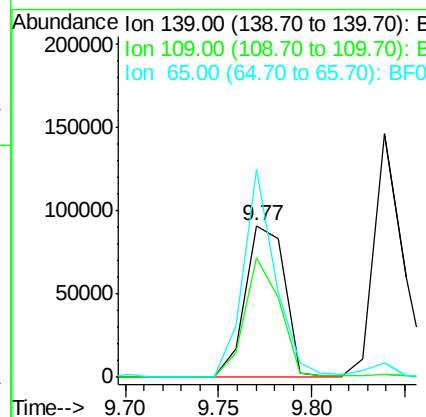
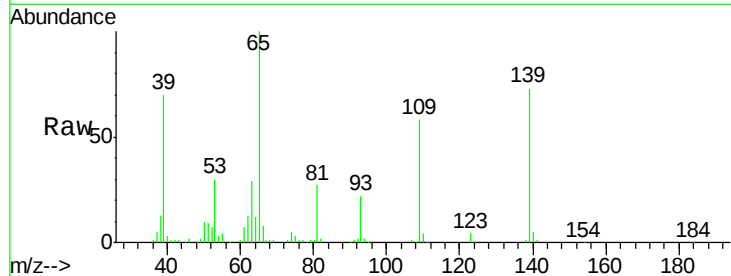
ClientSampleId :

SB04-4.0-5.0-081115MS

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
139	100				
109	78.7	80.0	120.0#		
65	136.6	138.3	178.3#		



#56

2,4-Dinitrotoluene

Concen: 40.30 ng

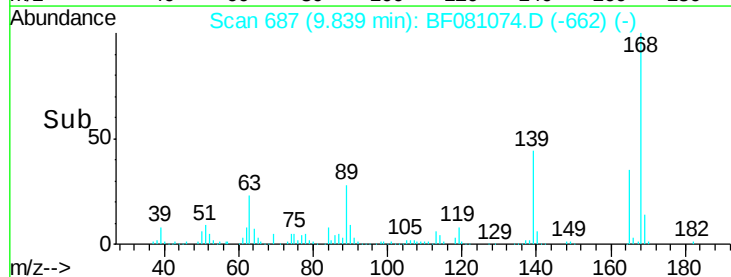
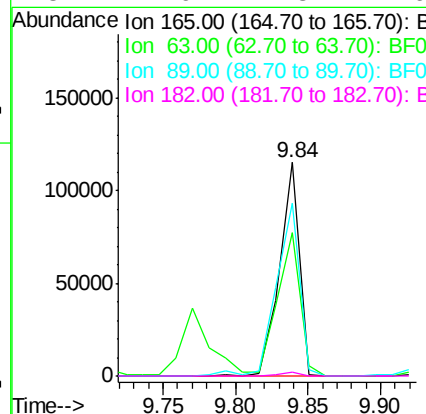
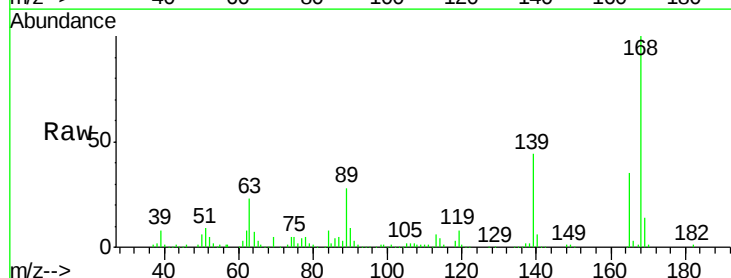
RT: 9.84 min Scan# 687

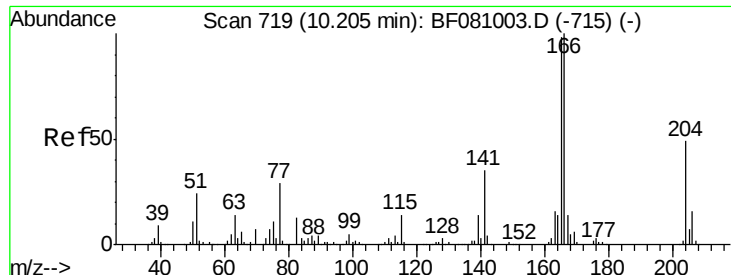
Delta R.T. -0.01 min

Lab File: BF081074.D

Acq: 19 Aug 2015 9:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
165	100				
63	67.1	52.2	78.4		
89	81.2	60.1	90.1		
182	1.9	1.8	2.6		





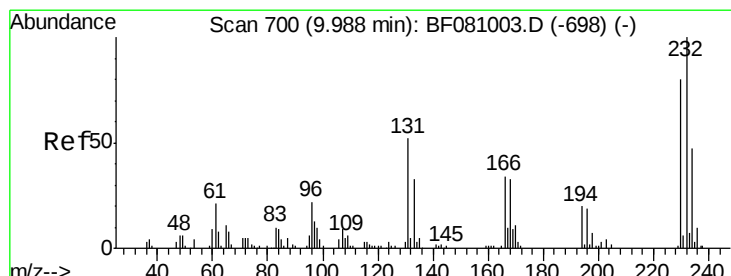
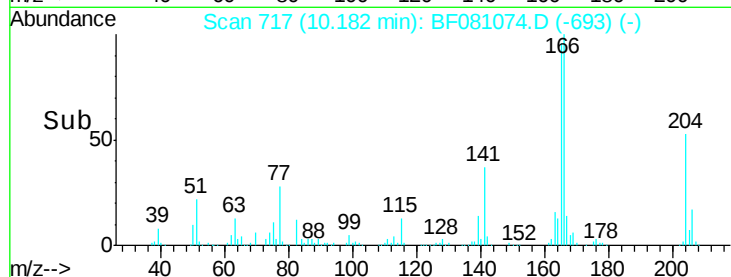
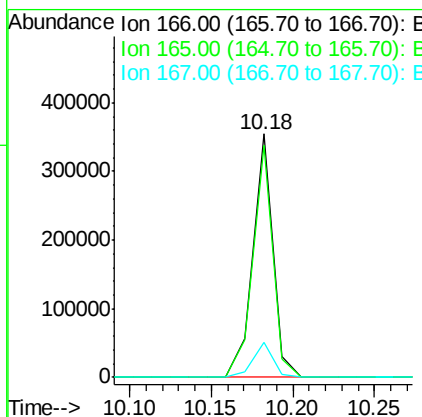
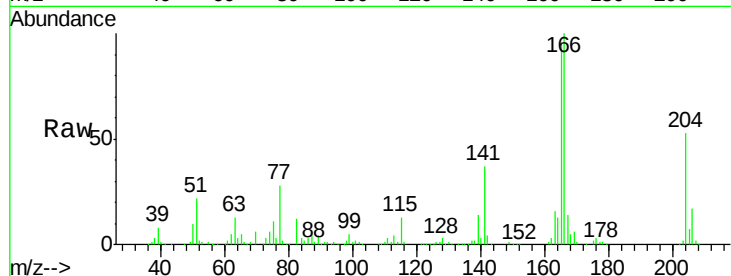
#57
Fluorene
 Concen: 33.64 ng
 RT: 10.18 min Scan# 717
 Delta R.T. -0.02 min
 Lab File: BF081074.D
 Acq: 19 Aug 2015 9:02

Instrument :
 BNA_F
 ClientSampleId :
 SB04-4.0-5.0-081115MS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	303482		
165	95.6	75.8	113.8	
167	14.2	11.3	16.9	

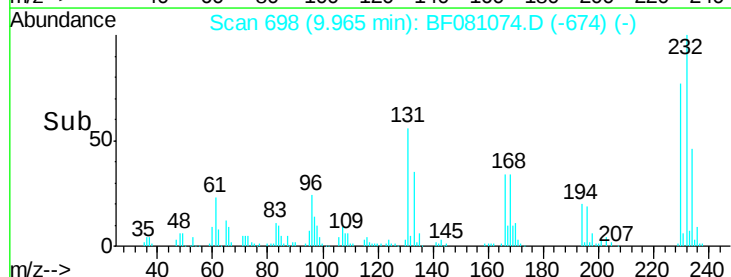
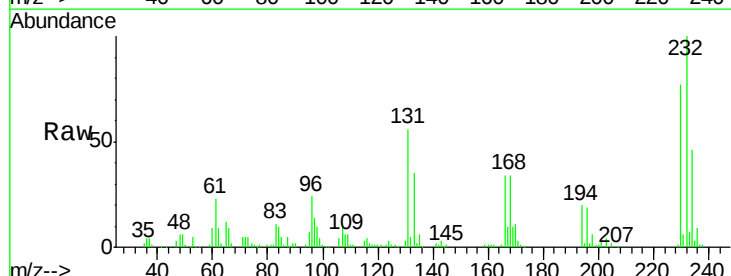
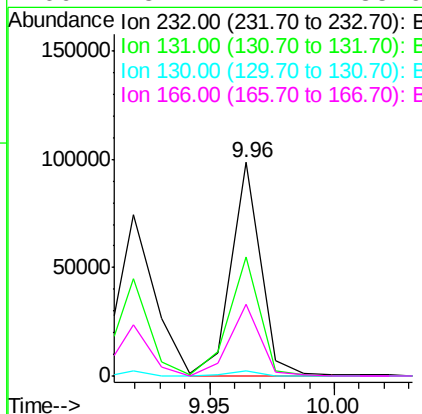
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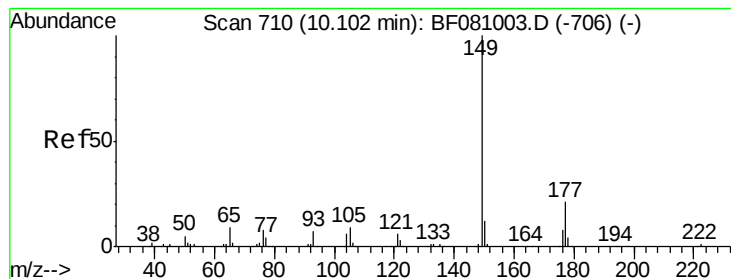
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 39.71 ng m
 RT: 9.96 min Scan# 698
 Delta R.T. -0.02 min
 Lab File: BF081074.D
 Acq: 19 Aug 2015 9:02

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	80850		
131	47.0	42.2	63.4	
130	2.2	2.1	3.1	
166	25.1	22.4	33.6	





#59

Diethylphthalate

Concen: 38.41 ng

RT: 10.08 min Scan# 708

Delta R.T. -0.01 min

Lab File: BF081074.D

Acq: 19 Aug 2015 9:02

Instrument :

BNA_F

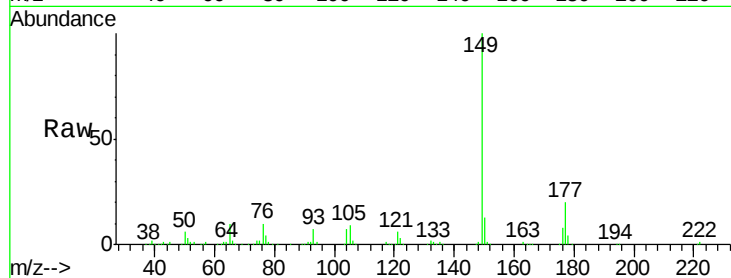
ClientSampleId :

SB04-4.0-5.0-081115MS

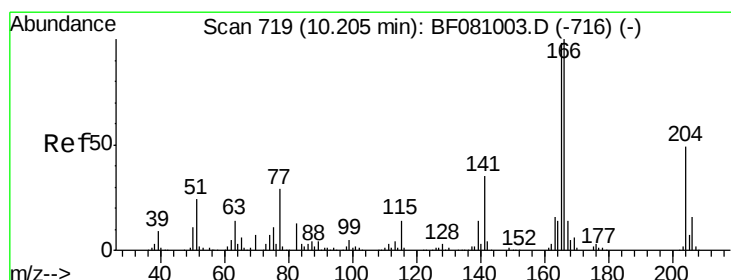
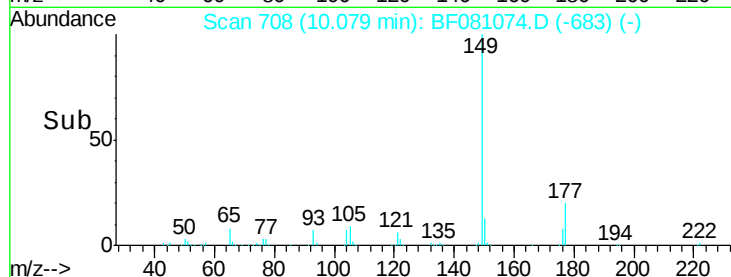
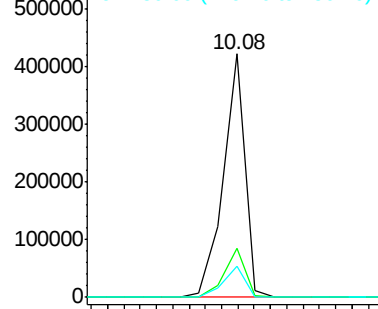
Manual Integrations
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Tot Ion:	149	Resp:	386613
Ion Ratio	Lower	Upper	
149	100		
177	20.1	14.1	21.1
150	12.6	10.3	15.5



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: 38.71 ng

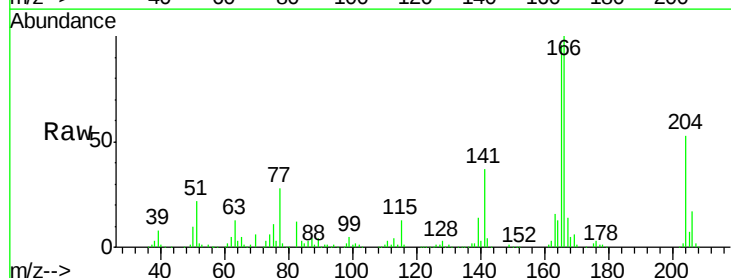
RT: 10.18 min Scan# 717

Delta R.T. -0.02 min

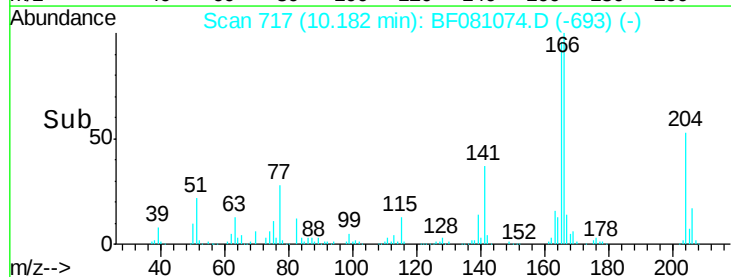
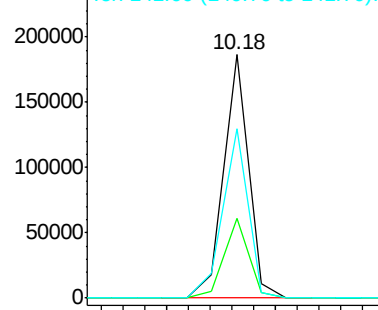
Lab File: BF081074.D

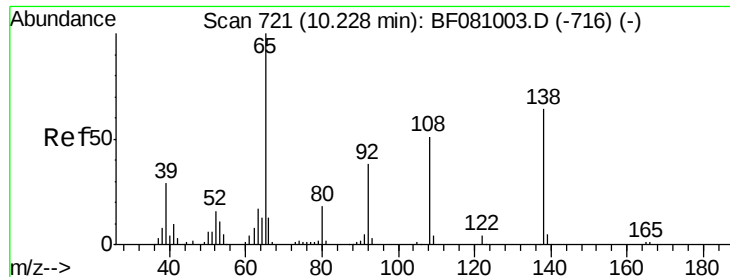
Acq: 19 Aug 2015 9:02

Tgt Ion:	204	Resp:	147744
Ion Ratio	Lower	Upper	
204	100		
206	32.7	26.2	39.2
141	69.8	59.6	89.4



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





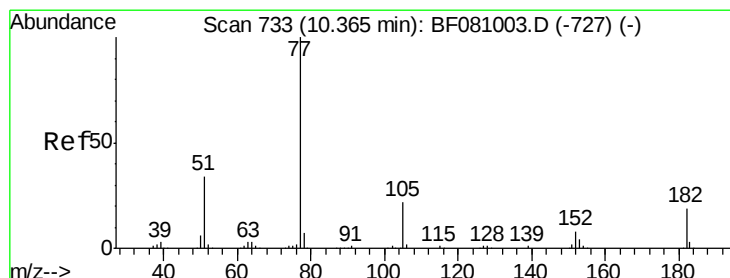
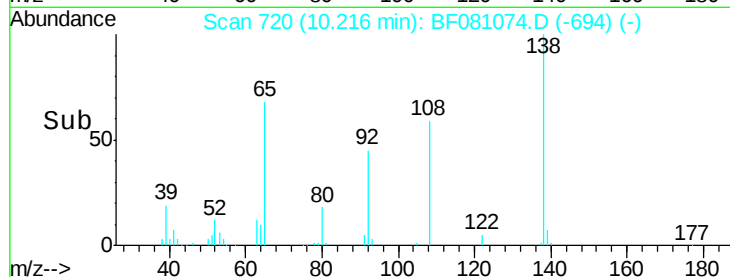
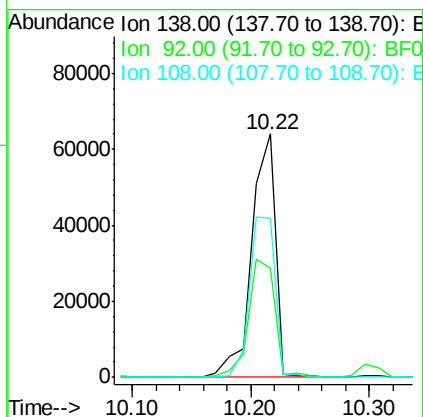
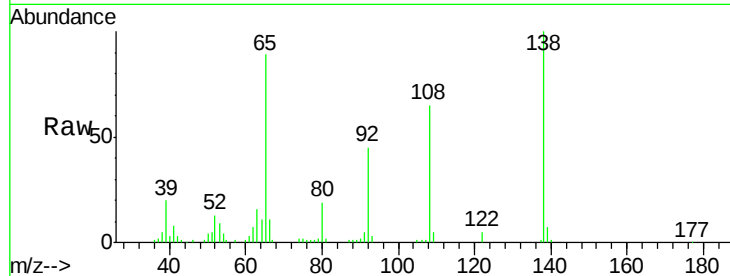
#61
4-Nitroaniline
Concen: 34.33 ng
RT: 10.22 min Scan# 720
Delta R.T. 0.00 min
Lab File: BF081074.D
Acq: 19 Aug 2015 9:02

Instrument :
BNA_F
ClientSampleId :
SB04-4.0-5.0-081115MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	44.9	34.7	74.7
108	65.1	68.9	108.9#

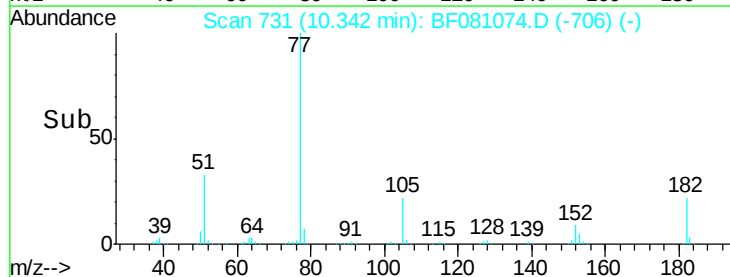
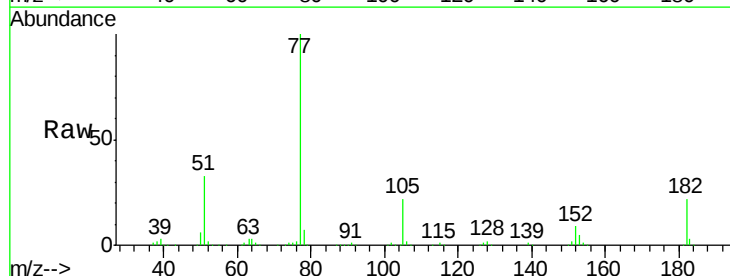
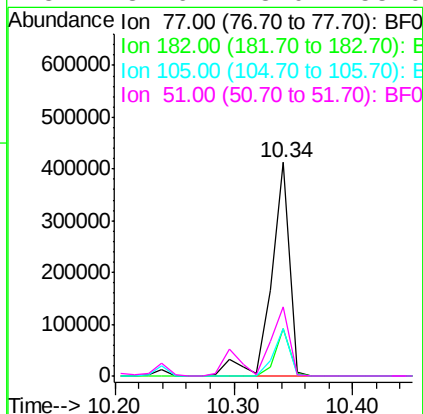
Manual Integrations
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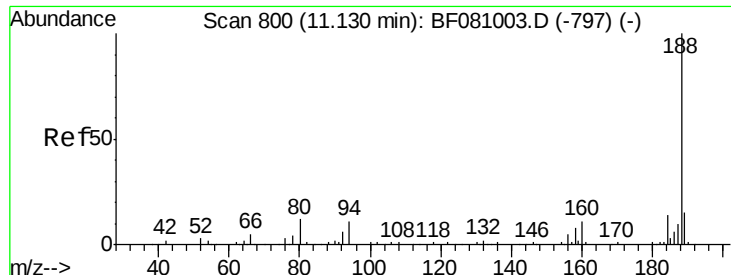
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#62
Azobenzene
Concen: 37.98 ng
RT: 10.34 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF081074.D
Acq: 19 Aug 2015 9:02

Tgt Ion	Ratio	Lower	Upper
77	100		
182	22.3	0.0	39.0
105	22.4	0.2	40.2
51	32.6	18.0	58.0





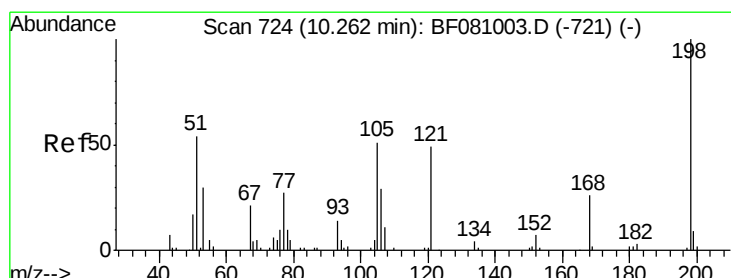
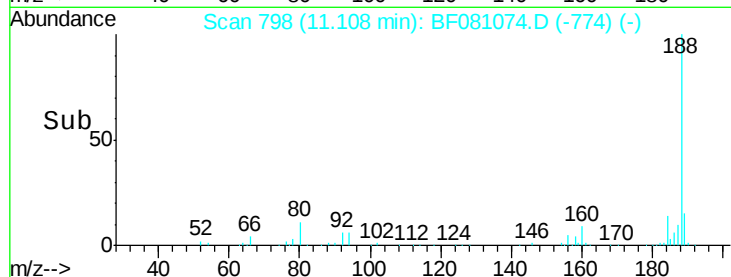
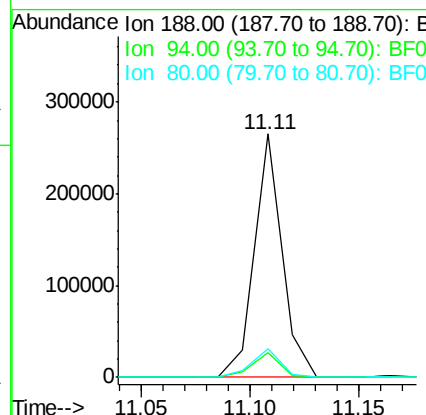
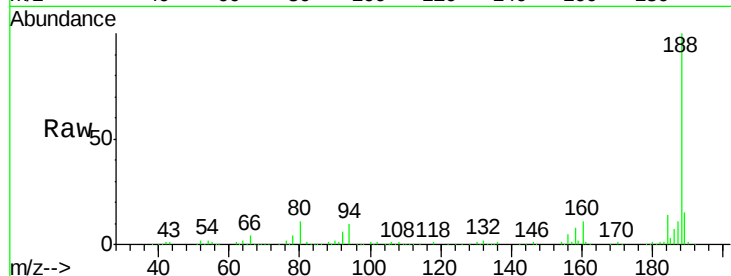
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.11 min Scan# 798
 Delta R.T. -0.02 min
 Lab File: BF081074.D
 Acq: 19 Aug 2015 9:02

Instrument :
 BNA_F
 ClientSampleId :
 SB04-4.0-5.0-081115MS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	233882		
94	10.0	8.2	12.2	
80	11.5	9.5	14.3	

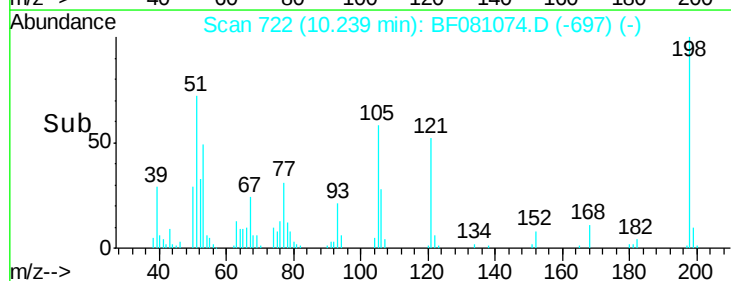
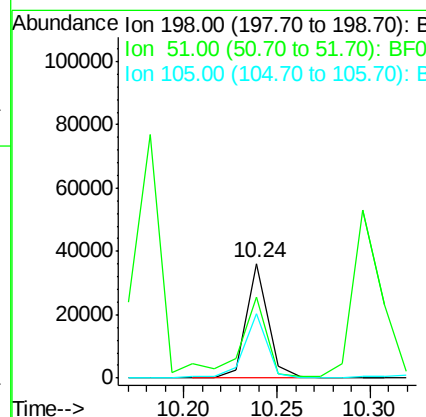
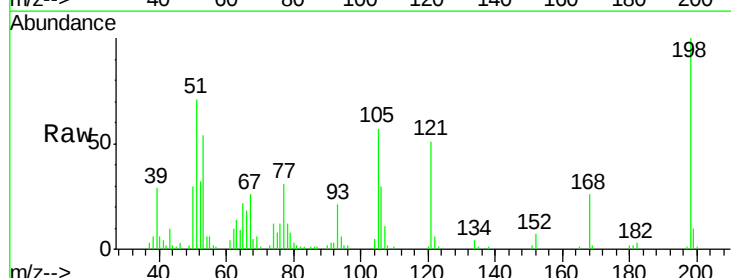
Manual Integrations
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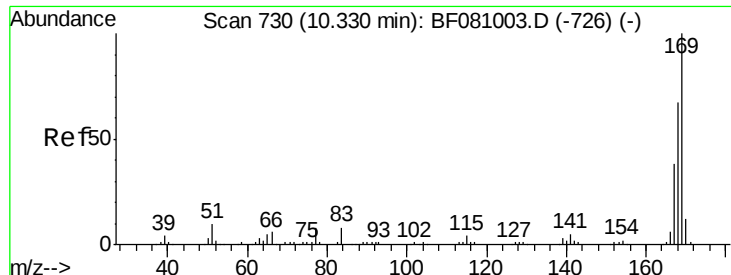
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 21.14 ng
 RT: 10.24 min Scan# 722
 Delta R.T. -0.01 min
 Lab File: BF081074.D
 Acq: 19 Aug 2015 9:02

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	29525		
51	70.7	79.7	119.7#	
105	56.7	47.0	87.0	





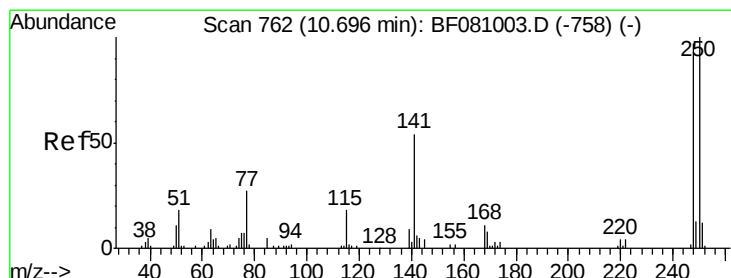
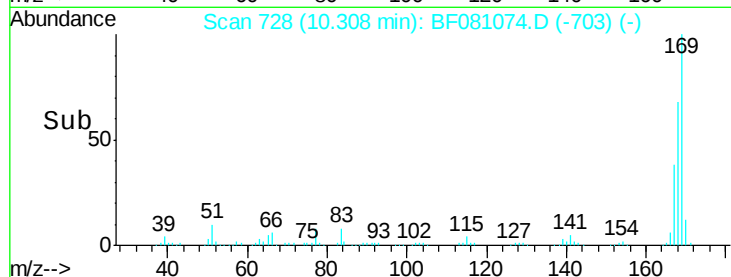
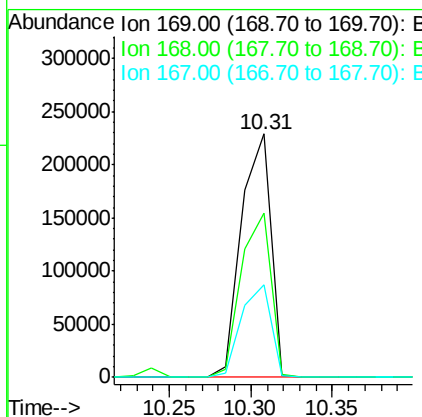
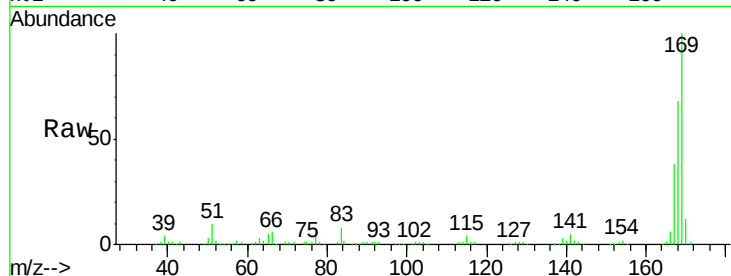
#65
 n-Nitrosodiphenylamine
 Concen: 34.40 ng
 RT: 10.31 min Scan# 728
 Delta R.T. -0.01 min
 Lab File: BF081074.D
 Acq: 19 Aug 2015 9:02

Instrument :
 BNA_F
 ClientSampleId :
 SB04-4.0-5.0-081115MS

Manual Integrations
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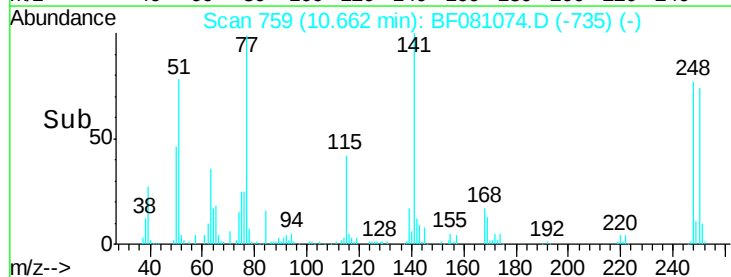
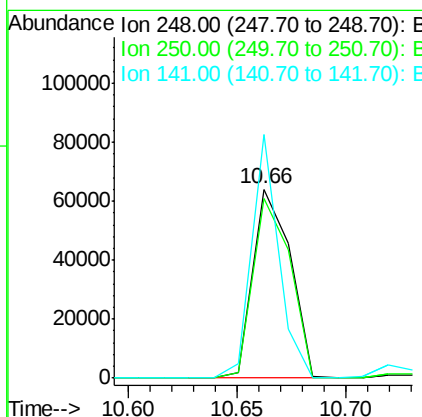
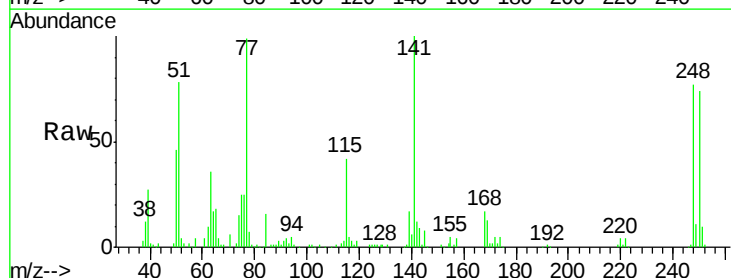
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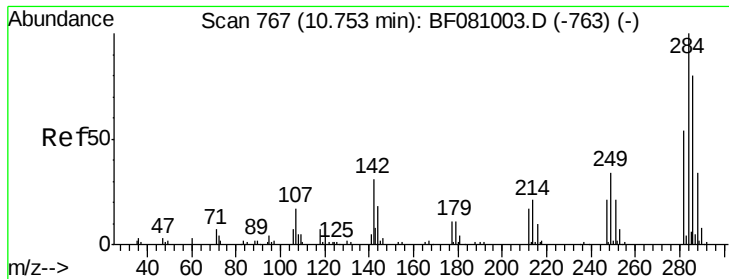
Tot Ion	Ratio	Lower	Upper
169	100		
168	67.7	55.3	82.9
167	38.0	30.8	46.2



#66
 4-Bromophenyl-phenylether
 Concen: 33.50 ng
 RT: 10.66 min Scan# 759
 Delta R.T. -0.02 min
 Lab File: BF081074.D
 Acq: 19 Aug 2015 9:02

Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.3	77.8	116.6
141	129.0	39.8	59.6#





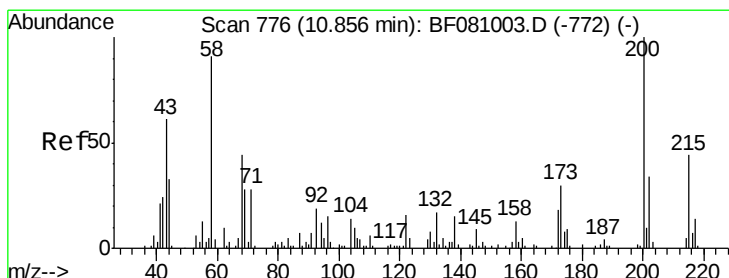
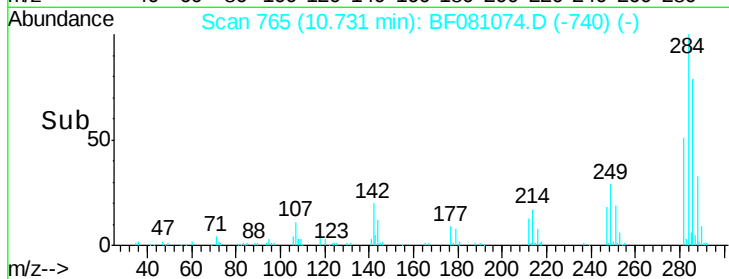
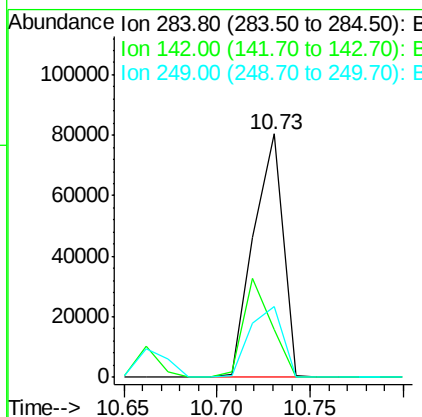
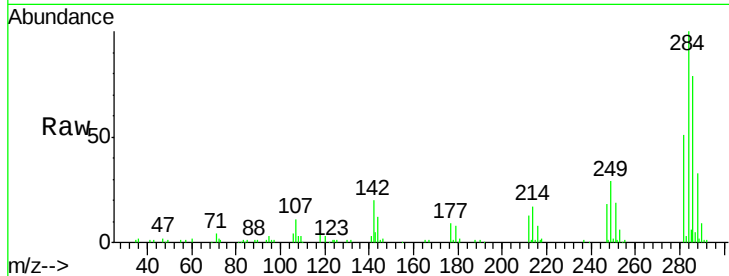
#67
Hexachlorobenzene
Concen: 37.86 ng
RT: 10.73 min Scan# 765
Delta R.T. -0.01 min
Lab File: BF081074.D
Acq: 19 Aug 2015 9:02

Instrument :
BNA_F
ClientSampleId :
SB04-4.0-5.0-081115MS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	19.8	25.4	38.0	
249	29.1	28.5	42.7	

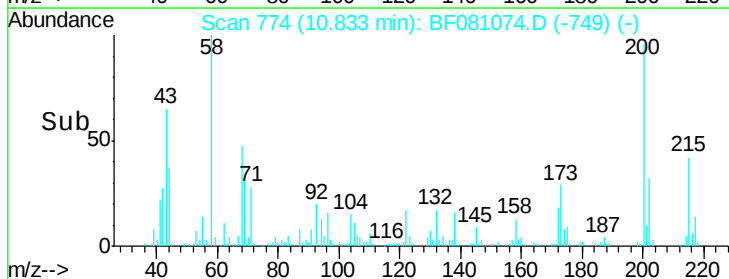
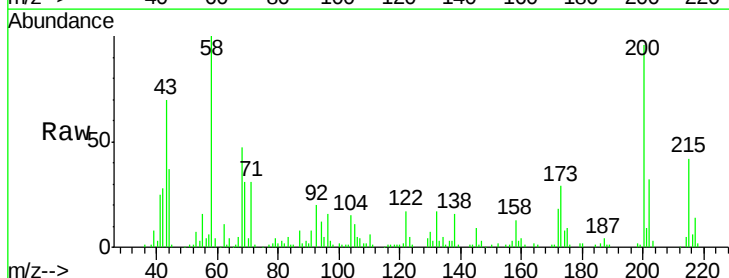
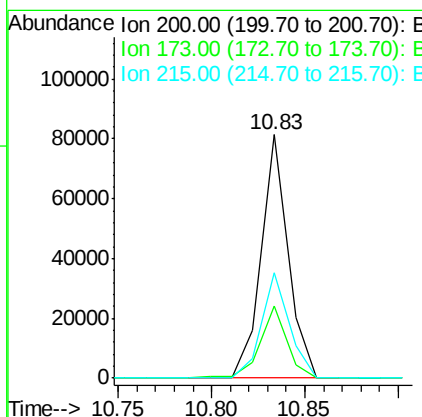
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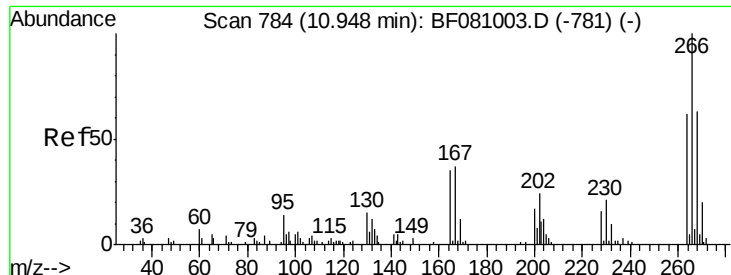
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#68
Atrazine
Concen: 34.74 ng
RT: 10.83 min Scan# 774
Delta R.T. -0.01 min
Lab File: BF081074.D
Acq: 19 Aug 2015 9:02

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	29.8	8.1	48.1	
215	43.5	23.3	63.3	





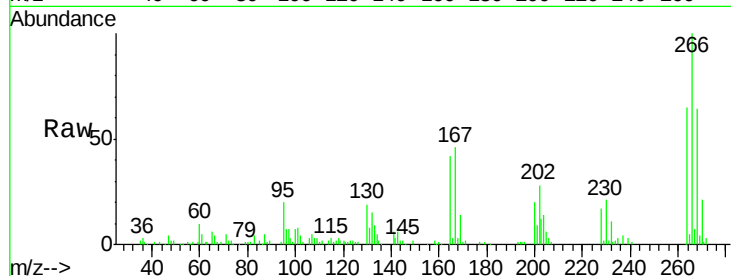
#69
 Pentachlorophenol
 Concen: 69.31 ng
 RT: 10.92 min Scan# 782
 Delta R.T. -0.01 min
 Lab File: BF081074.D
 Acq: 19 Aug 2015 9:02

Instrument :
 BNA_F
 ClientSampleId :
 SB04-4.0-5.0-081115MS

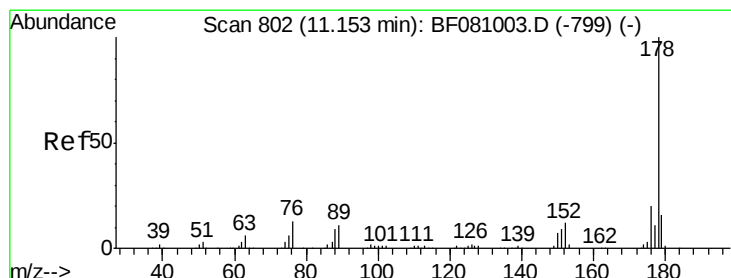
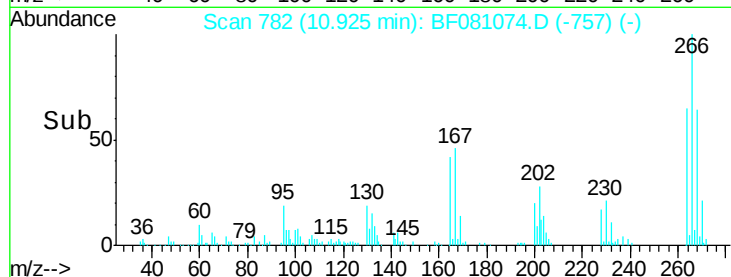
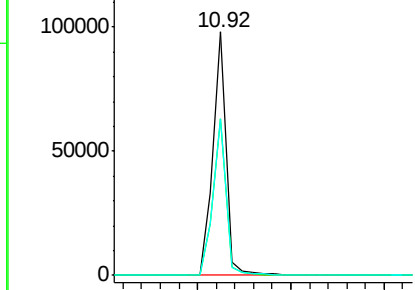
Tot Ion	Ratio	Resp	Lower	Upper
266	100	96767		
268	64.1	51.2	76.8	
264	64.5	50.6	75.8	

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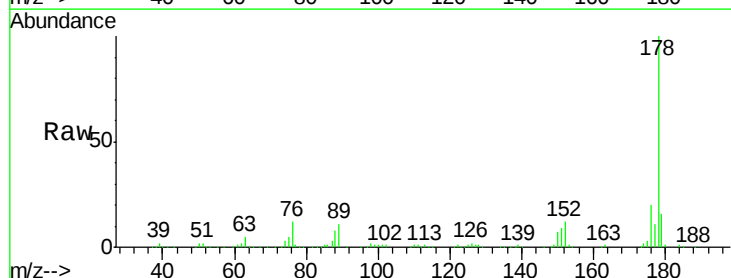


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

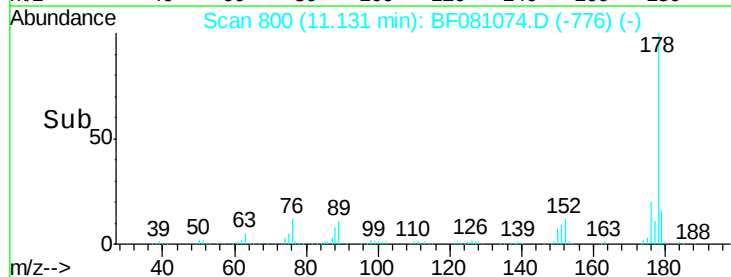
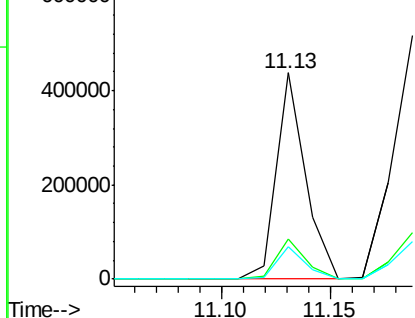


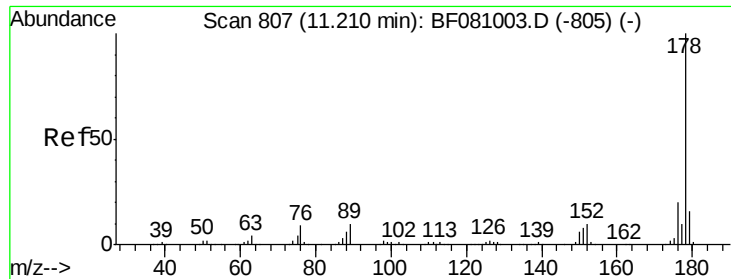
#70
 Phenanthrene
 Concen: 29.54 ng
 RT: 11.13 min Scan# 800
 Delta R.T. -0.02 min
 Lab File: BF081074.D
 Acq: 19 Aug 2015 9:02

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	409425		
176	19.6	15.7	23.5	
179	16.0	12.2	18.2	



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





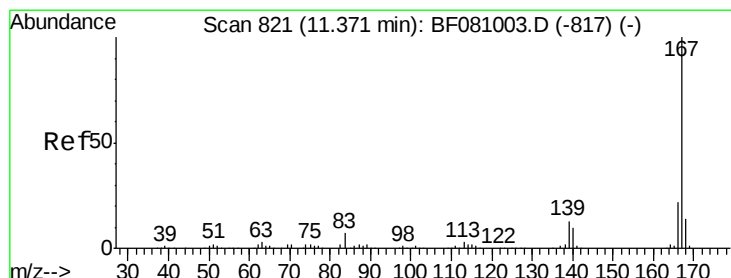
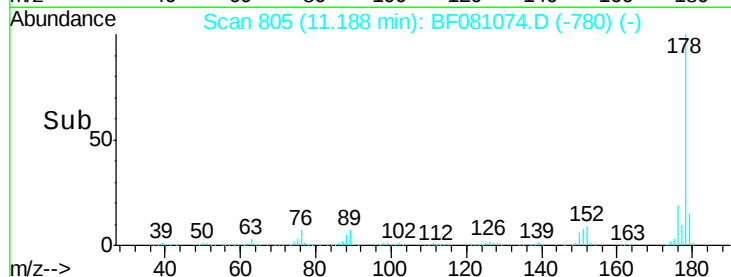
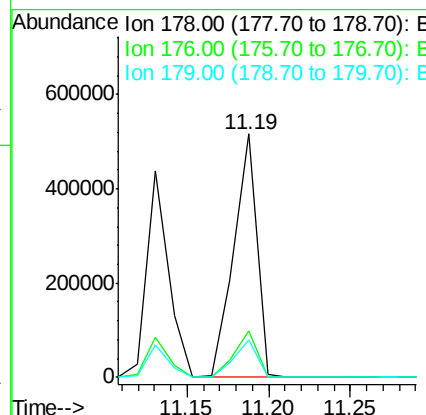
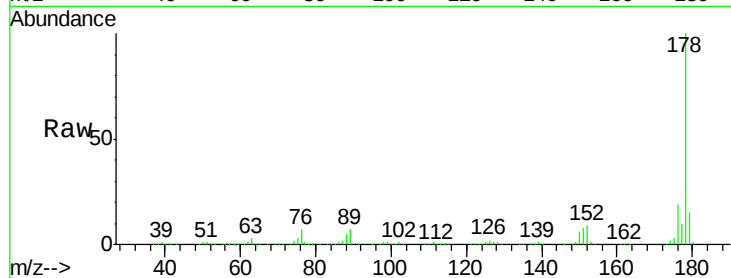
#71
 Anthracene
 Concen: 37.36 ng
 RT: 11.19 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BF081074.D
 Acq: 19 Aug 2015 9:02

Instrument :
 BNA_F
 ClientSampleId :
 SB04-4.0-5.0-081115MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.7	23.5
179	15.4	12.7	19.1

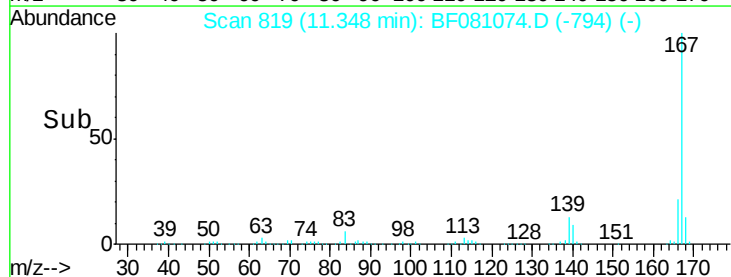
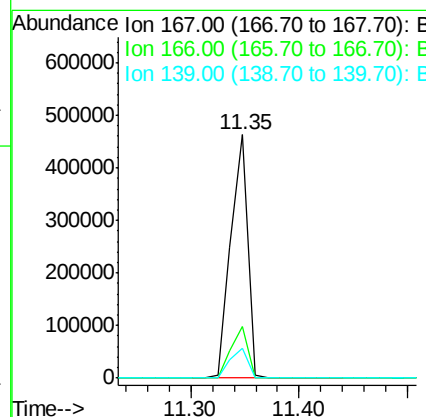
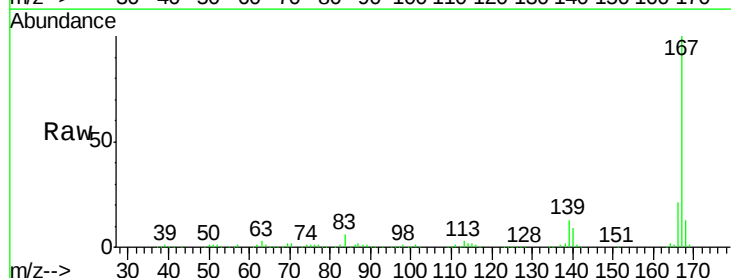
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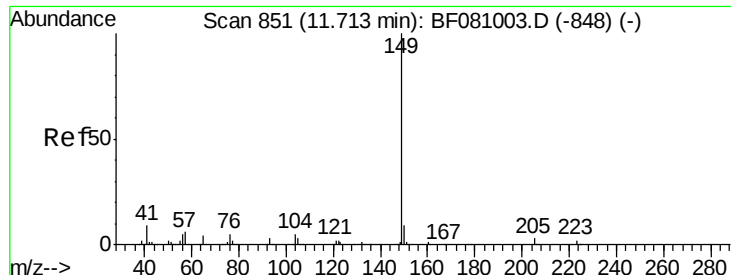
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#72
 Carbazole
 Concen: 38.48 ng
 RT: 11.35 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BF081074.D
 Acq: 19 Aug 2015 9:02

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.4	26.0
139	12.5	10.6	16.0





#73

Di-n-butylphthalate

Concen: 40.04 ng

RT: 11.69 min Scan# 849

Delta R.T. -0.02 min

Lab File: BF081074.D

Acq: 19 Aug 2015 9:02

Instrument :

BNA_F

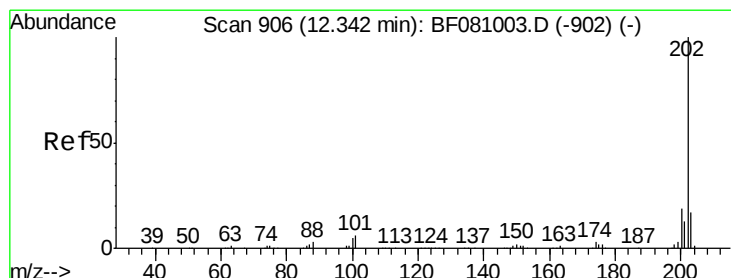
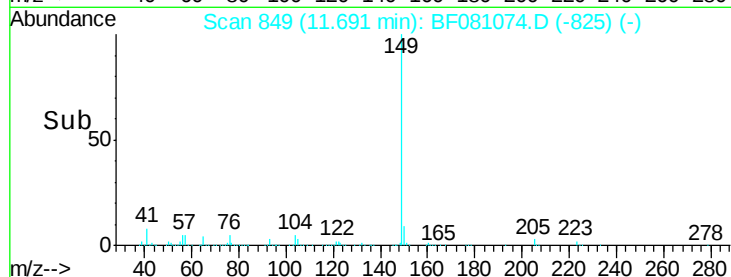
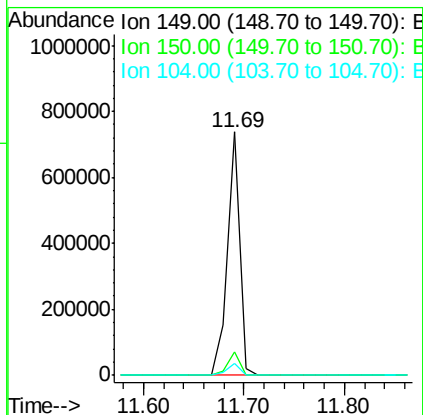
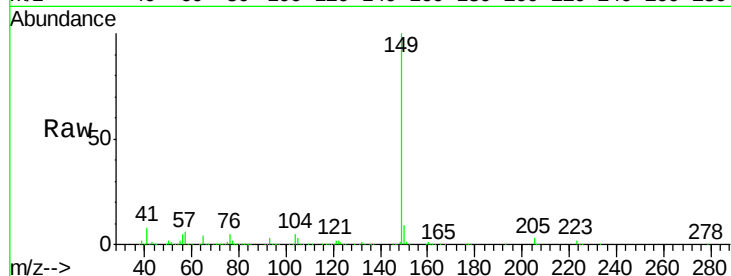
ClientSampleId :

SB04-4.0-5.0-081115MS

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
149	100				
150	9.4	7.1	10.7		
104	4.9	3.9	5.9		



#74

Fluoranthene

Concen: 29.99 ng

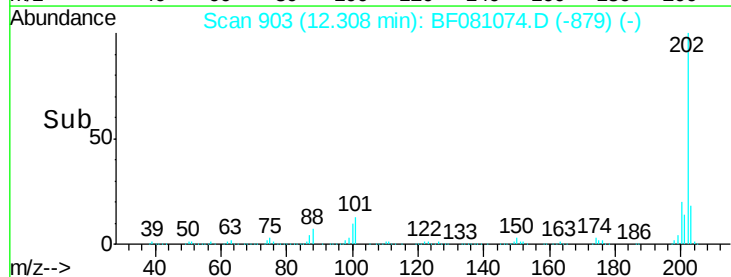
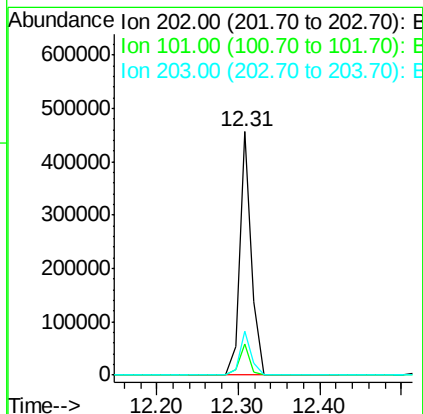
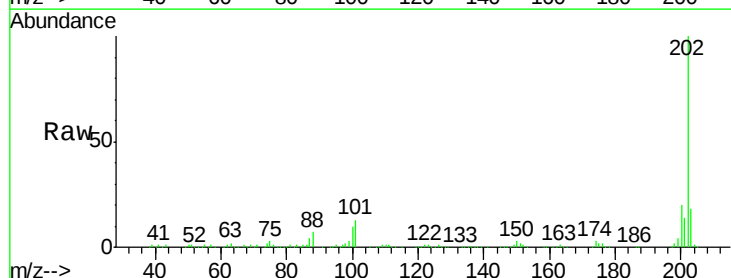
RT: 12.31 min Scan# 903

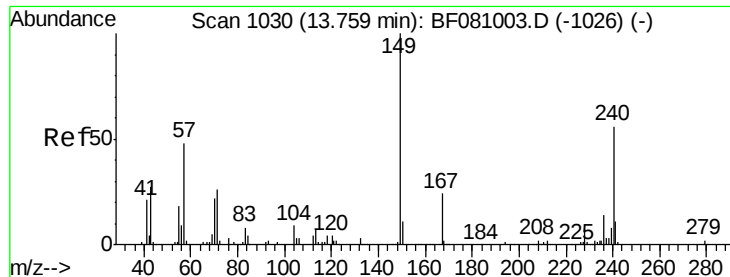
Delta R.T. -0.02 min

Lab File: BF081074.D

Acq: 19 Aug 2015 9:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
101	12.9	0.0	24.8		
203	17.9	0.0	36.9		





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.73 min Scan# 1027

Delta R.T. -0.02 min

Lab File: BF081074.D

Acq: 19 Aug 2015 9:02

Instrument :

BNA_F

ClientSampleId :

SB04-4.0-5.0-081115MS

Tot Ion:240 Resp: 140882

Ion Ratio Lower Upper

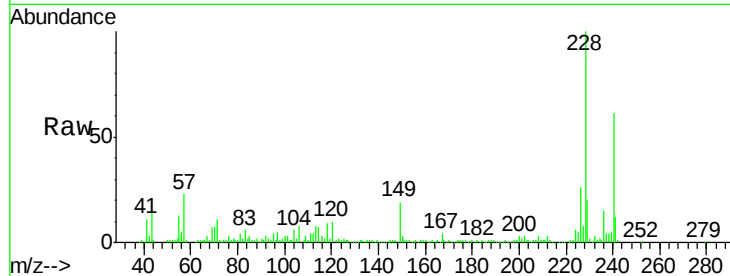
240 100

120 16.8 5.6 8.4#

236 25.0 20.6 30.8

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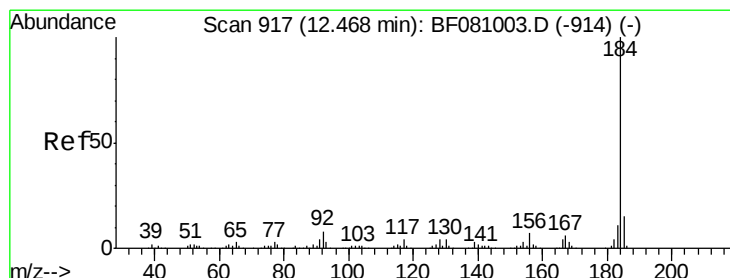
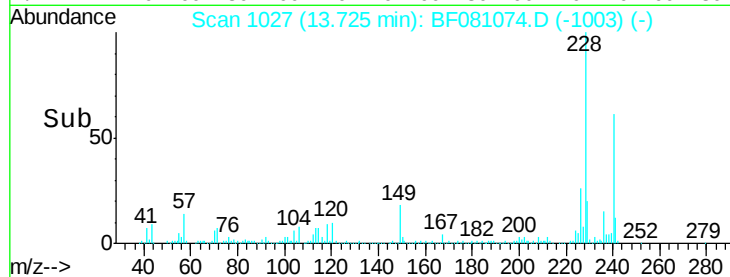
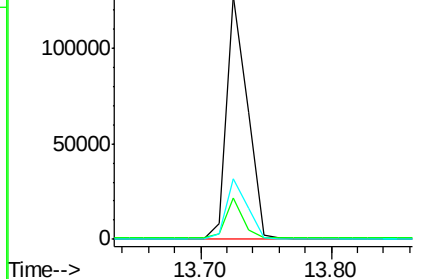
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 30.06 ng

RT: 12.45 min Scan# 915

Delta R.T. -0.02 min

Lab File: BF081074.D

Acq: 19 Aug 2015 9:02

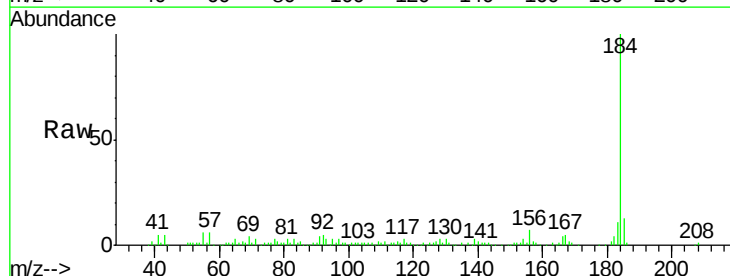
Tgt Ion:184 Resp: 159984

Ion Ratio Lower Upper

184 100

185 13.4 12.0 18.0

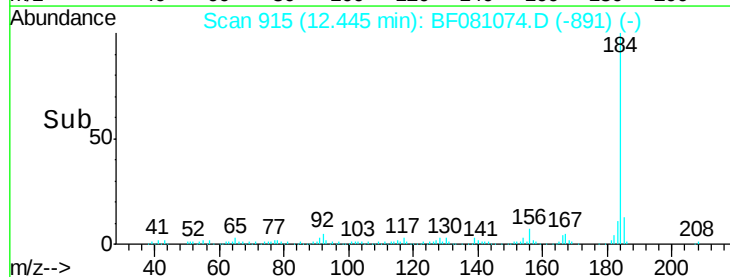
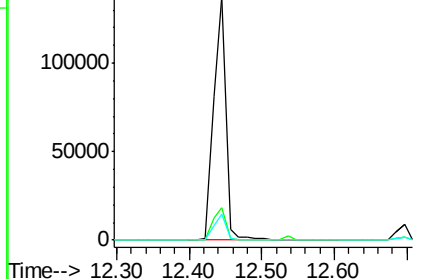
183 10.6 8.9 13.3

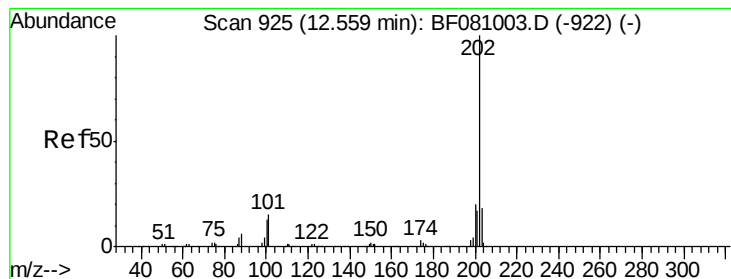


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 42.94 ng

RT: 12.54 min Scan# 923

Delta R.T. -0.02 min

Lab File: BF081074.D

Acq: 19 Aug 2015 9:02

Instrument :

BNA_F

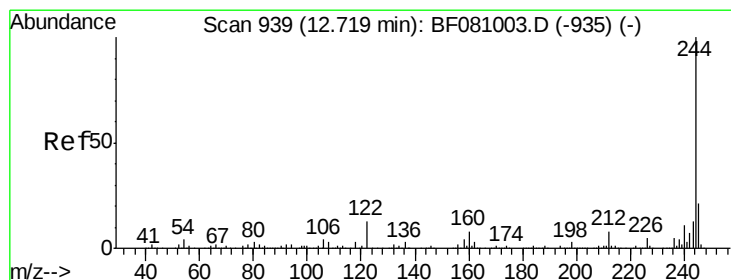
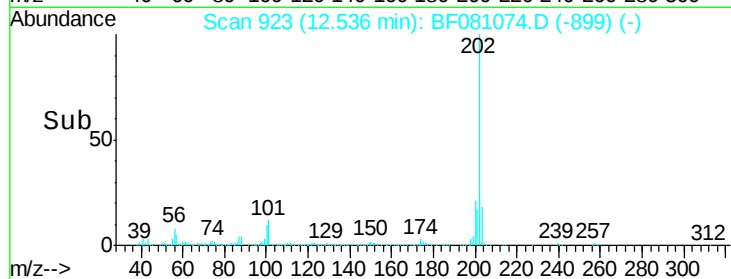
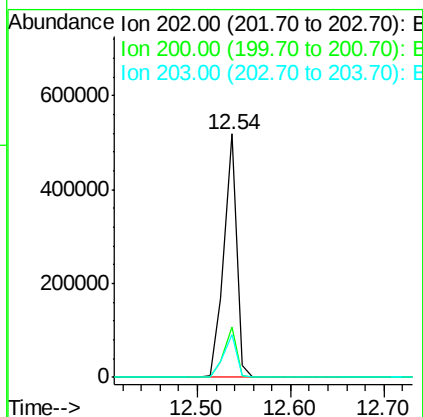
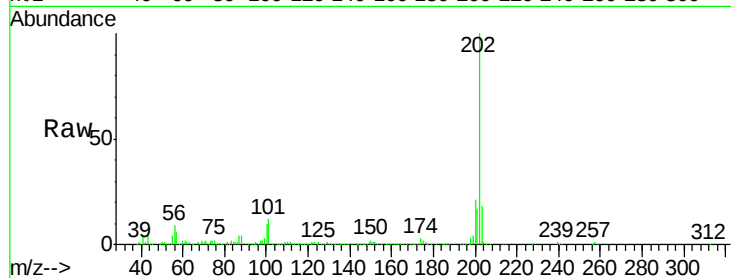
ClientSampleId :

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Tot Ion	Ratio	Resp	Lower	Upper
202	100	491760		
200	20.6	16.6	24.8	
203	17.8	14.1	21.1	



#78

Terphenyl-d14

Concen: 91.12 ng

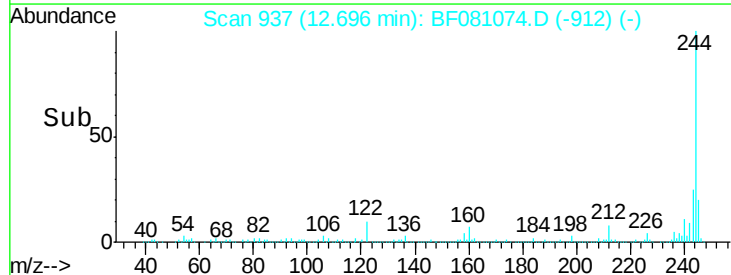
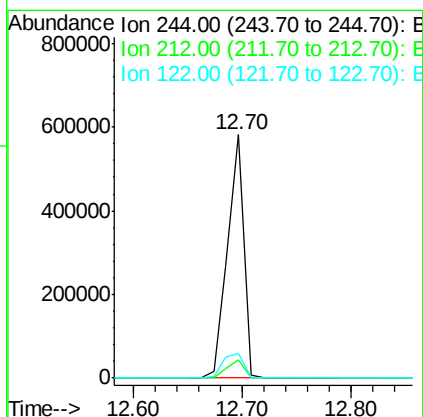
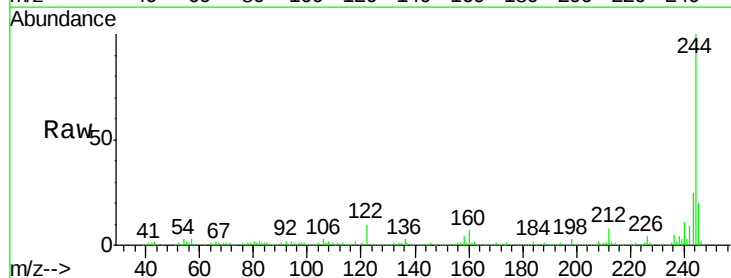
RT: 12.70 min Scan# 937

Delta R.T. -0.01 min

Lab File: BF081074.D

Acq: 19 Aug 2015 9:02

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	598811		
212	7.5	5.8	8.8	
122	9.9	8.2	12.4	





#79

Butylbenzylphthalate

Concen: 51.11 ng

RT: 13.18 min Scan# 979

Delta R.T. -0.02 min

Lab File: BF081074.D

Acq: 19 Aug 2015 9:02

Instrument :

BNA_F

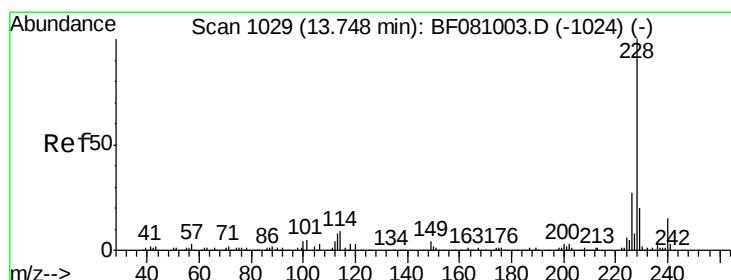
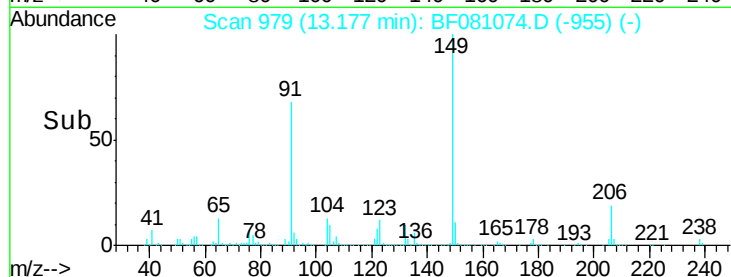
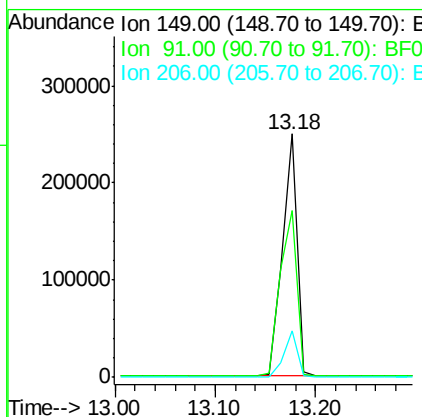
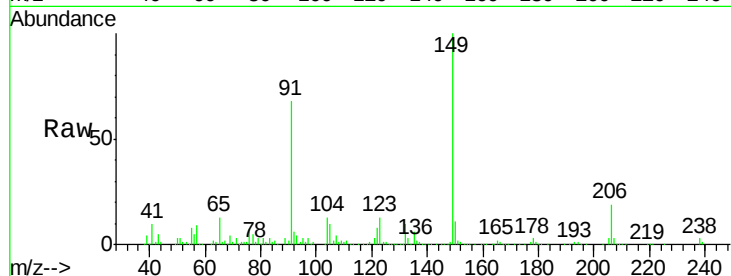
ClientSampleId :

SB04-4.0-5.0-081115MS

Tot Ion:	149	Resp:	251612
Ion Ratio	Lower	Upper	
149	100		
91	68.3	46.9	70.3
206	19.1	17.0	25.4

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#80

Benzo(a)anthracene

Concen: 37.00 ng

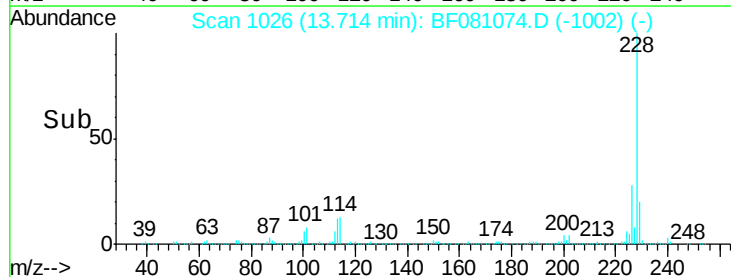
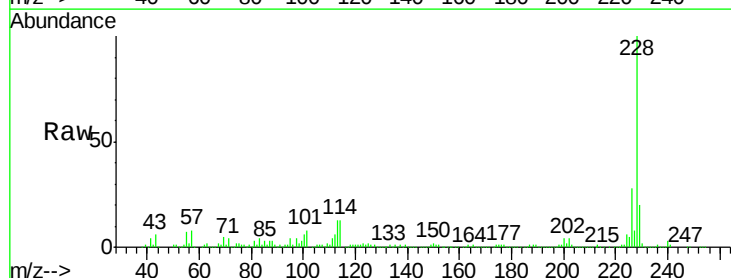
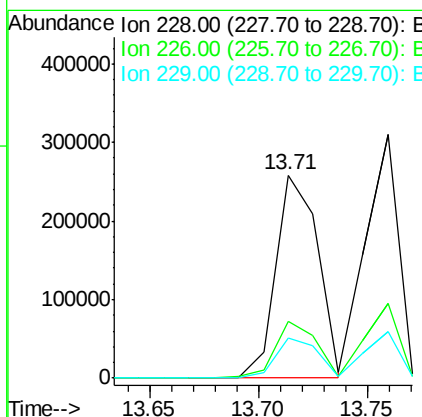
RT: 13.71 min Scan# 1026

Delta R.T. -0.02 min

Lab File: BF081074.D

Acq: 19 Aug 2015 9:02

Tgt Ion:	228	Resp:	349574
Ion Ratio	Lower	Upper	
228	100		
226	27.8	22.3	33.5
229	19.6	15.9	23.9





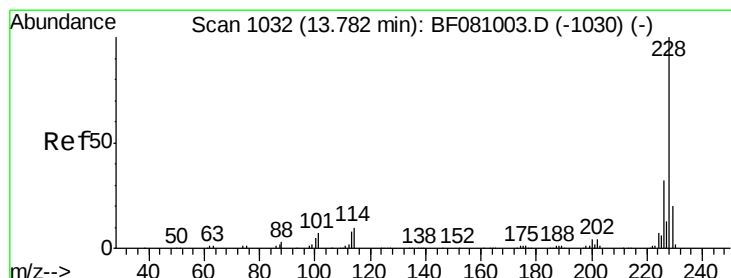
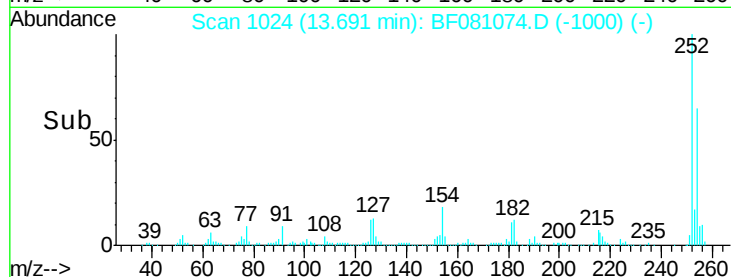
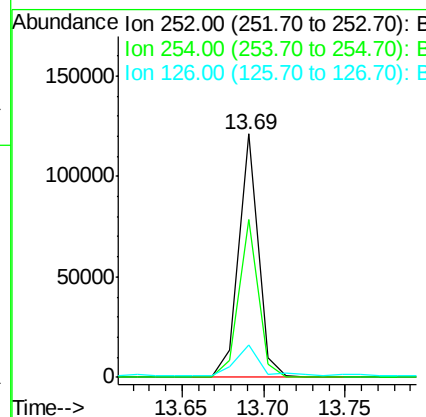
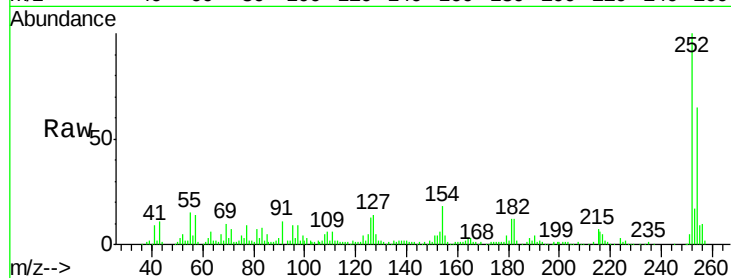
#81
 3,3'-Dichlorobenzidine
 Concen: 32.75 ng
 RT: 13.69 min Scan# 1024
 Delta R.T. -0.02 min
 Lab File: BF081074.D
 Acq: 19 Aug 2015 9:02

Instrument :
 BNA_F
 ClientSampleId :
 SB04-4.0-5.0-081115MS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.9	51.5	77.3
126	13.1	12.5	18.7

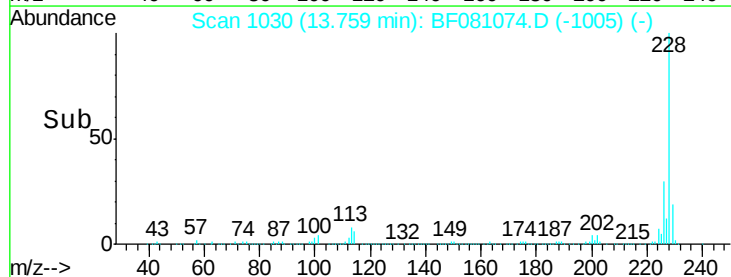
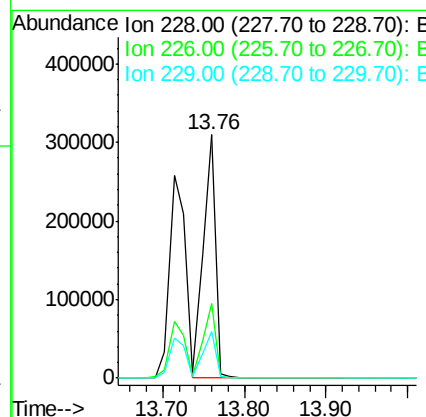
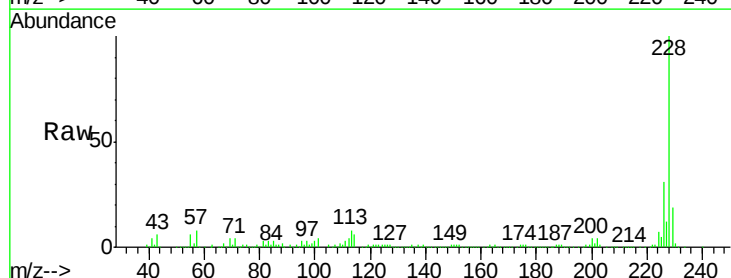
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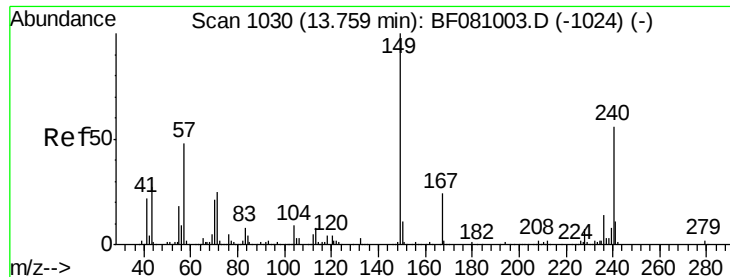
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#82
 Chrysene
 Concen: 38.73 ng
 RT: 13.76 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: BF081074.D
 Acq: 19 Aug 2015 9:02

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.8	24.4	36.6
229	19.3	16.0	24.0





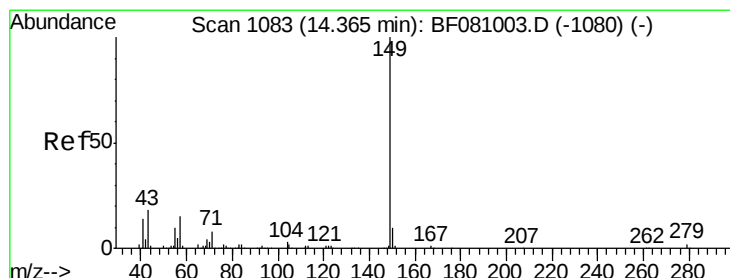
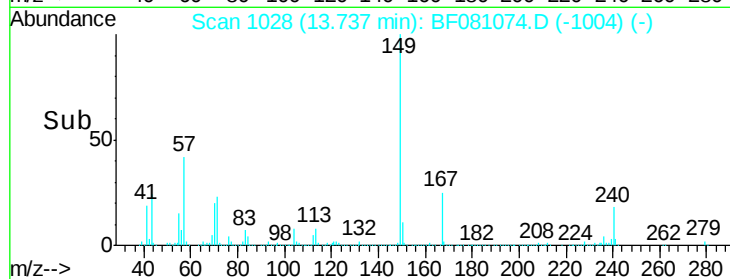
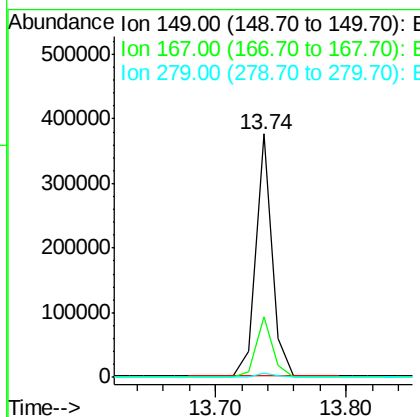
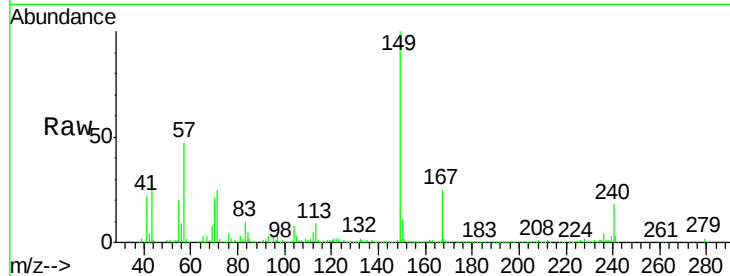
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 51.69 ng
 RT: 13.74 min Scan# 1028
 Delta R.T. -0.02 min
 Lab File: BF081074.D
 Acq: 19 Aug 2015 9:02

Instrument :
 BNA_F
 ClientSampleId :
 SB04-4.0-5.0-081115MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	24.9	20.7	31.1	
279	2.0	2.2	3.4	

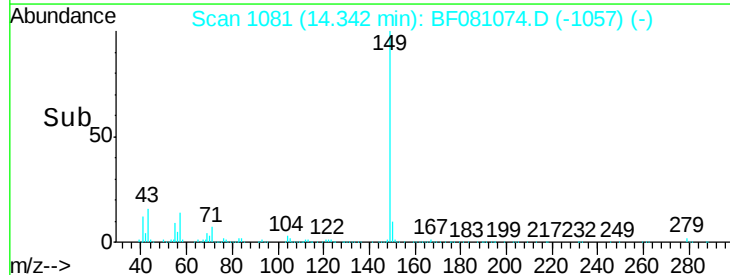
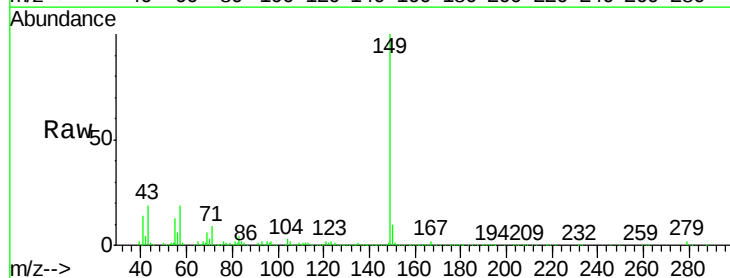
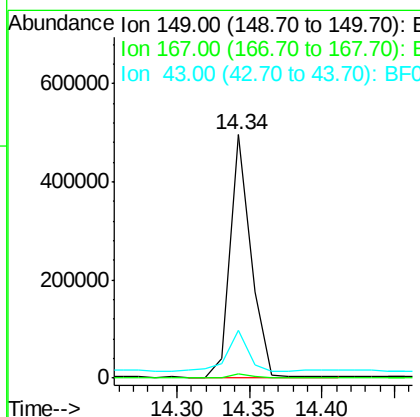
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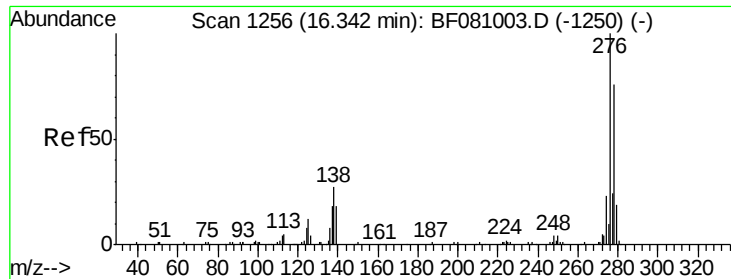
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#84
 Di-n-octyl phthalate
 Concen: 50.97 ng
 RT: 14.34 min Scan# 1081
 Delta R.T. -0.02 min
 Lab File: BF081074.D
 Acq: 19 Aug 2015 9:02

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.6	1.1	1.7	
43	16.3	11.6	17.4	





#85

Indeno(1,2,3-cd)pyrene

Concen: 54.16 ng

RT: 16.30 min Scan# 1252

Delta R.T. -0.02 min

Lab File: BF081074.D

Acq: 19 Aug 2015 9:02

Instrument :

BNA_F

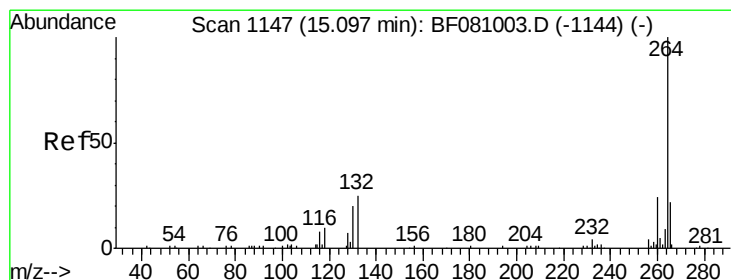
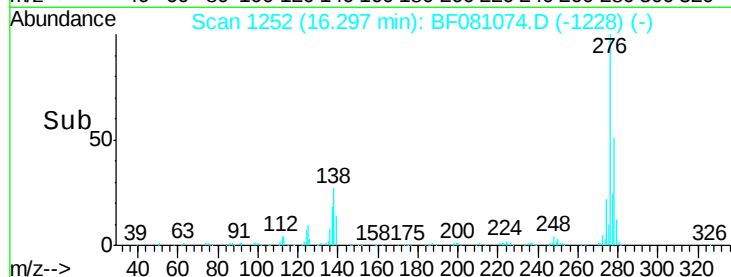
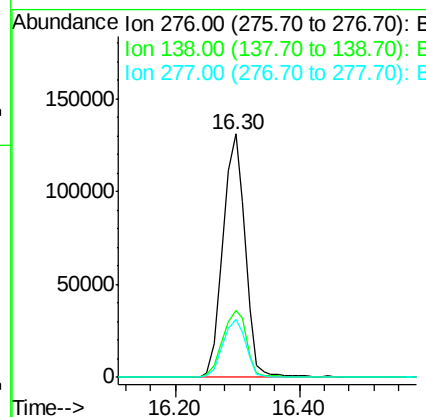
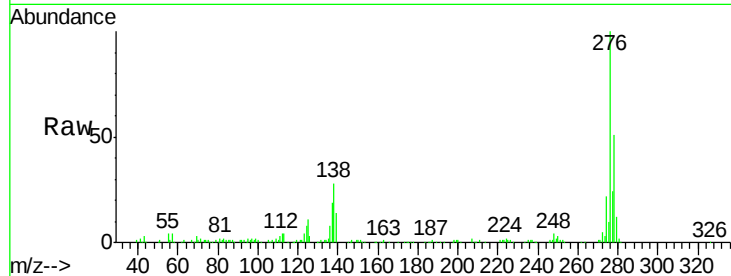
ClientSampleId :

SB04-4.0-5.0-081115MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
276	100				
138	30.4	18.6	28.0		
277	24.8	19.8	29.8		

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#86

Perylene-d12

Concen: 20.00 ng

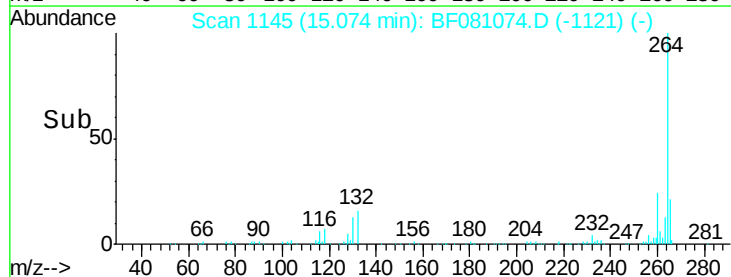
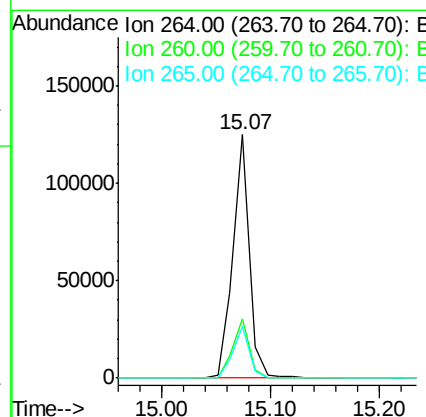
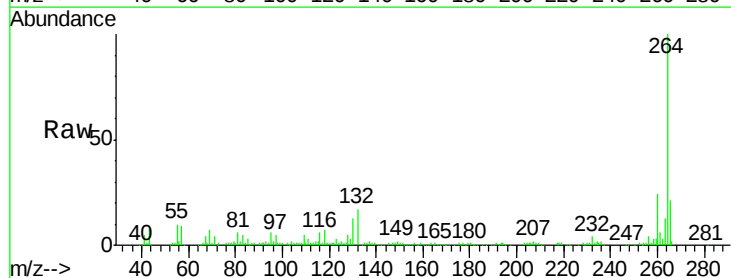
RT: 15.07 min Scan# 1145

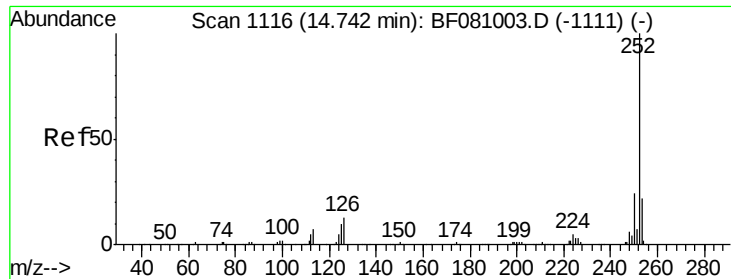
Delta R.T. -0.02 min

Lab File: BF081074.D

Acq: 19 Aug 2015 9:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
264	100				
260	24.2	19.6	29.4		
265	21.3	17.5	26.3		





#87

Benzo(b)fluoranthene

Concen: 40.53 ng m

RT: 14.71 min Scan# 1113

Delta R.T. -0.02 min

Lab File: BF081074.D

Acq: 19 Aug 2015 9:02

Instrument :

BNA_F

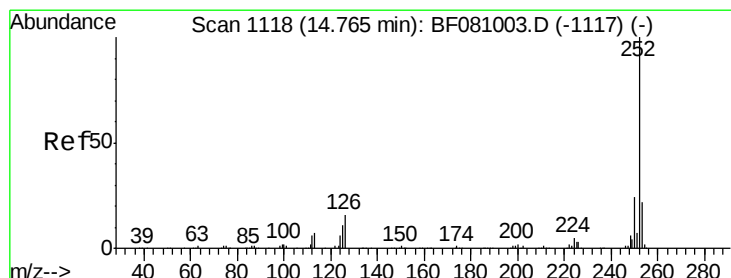
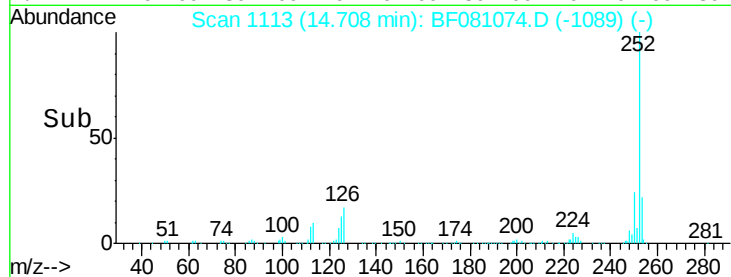
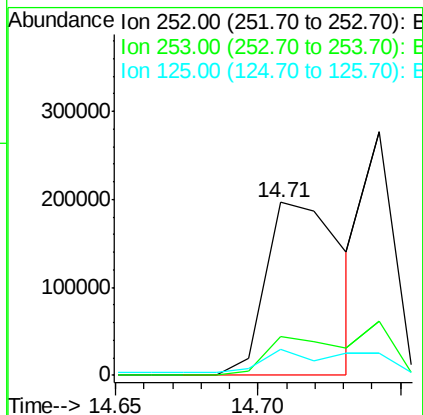
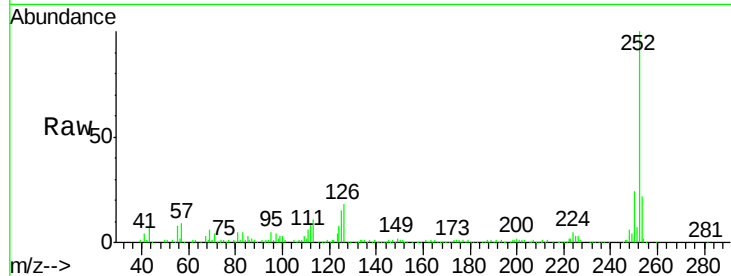
ClientSampleId :

SB04-4.0-5.0-081115MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.1	25.7
125	14.9	8.0	12.0#

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 23.53 ng m

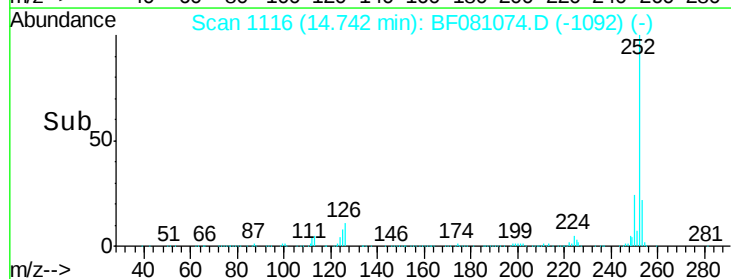
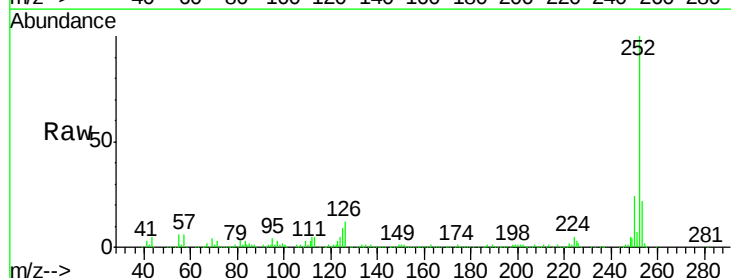
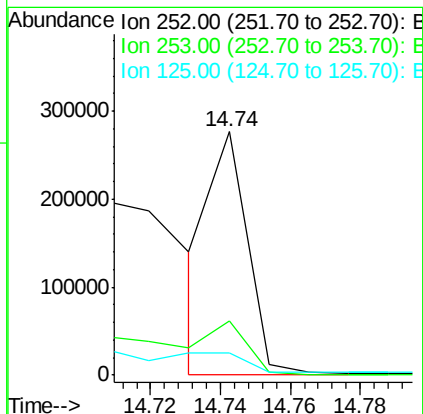
RT: 14.74 min Scan# 1116

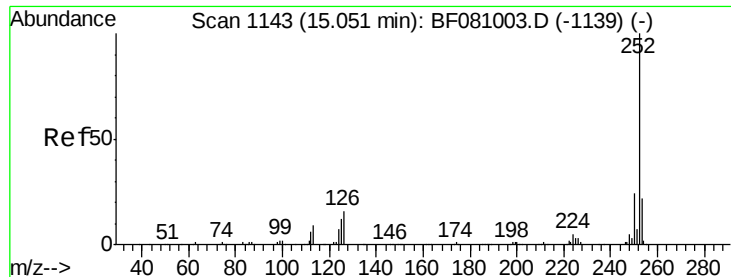
Delta R.T. -0.02 min

Lab File: BF081074.D

Acq: 19 Aug 2015 9:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.6	26.4
125	8.9	10.3	15.5#





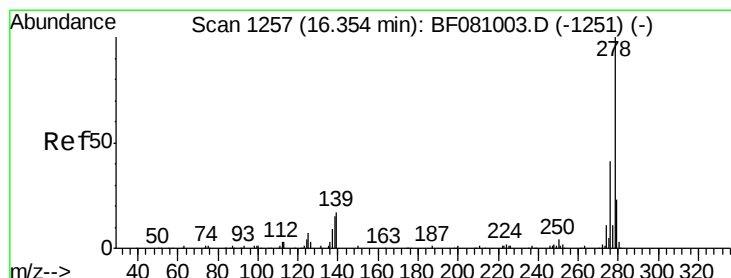
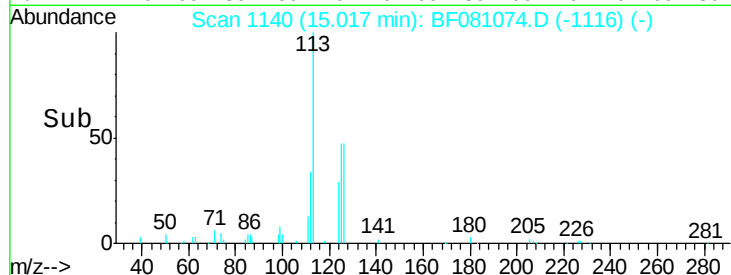
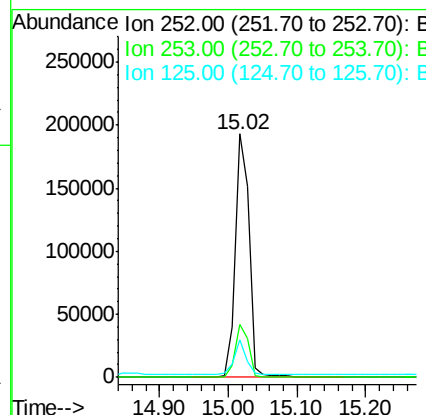
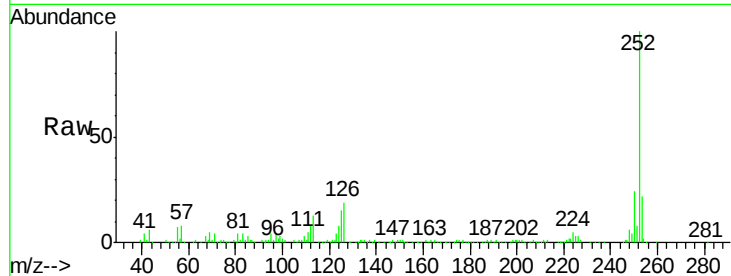
#89
Benzo(a)pyrene
Concen: 34.52 ng
RT: 15.02 min Scan# 1140
Delta R.T. -0.02 min
Lab File: BF081074.D
Acq: 19 Aug 2015 9:02

Instrument :
BNA_F
ClientSampleId :
SB04-4.0-5.0-081115MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	16.6	25.0
125	15.3	7.8	11.8

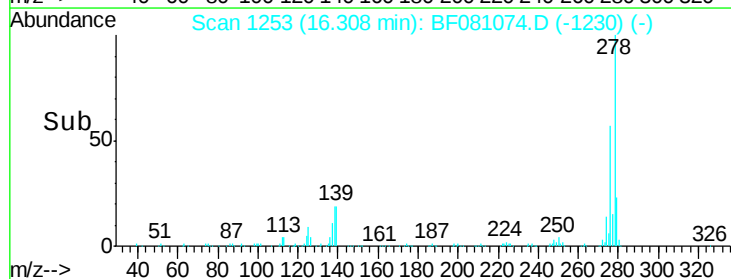
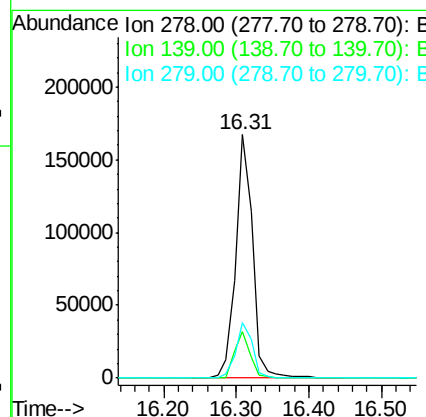
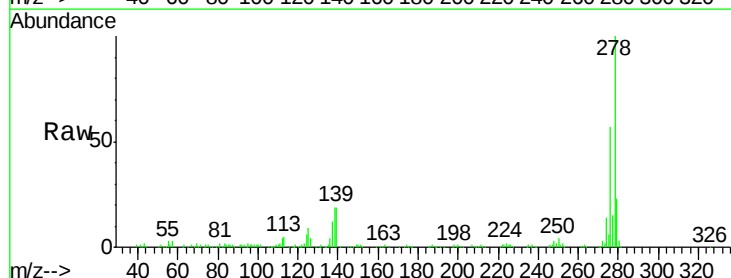
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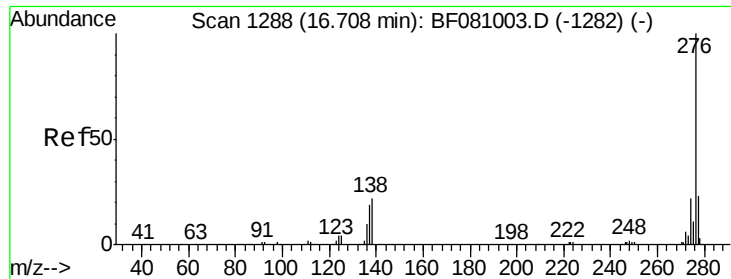
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#90
Dibenzo(a,h)anthracene
Concen: 43.34 ng
RT: 16.31 min Scan# 1253
Delta R.T. -0.03 min
Lab File: BF081074.D
Acq: 19 Aug 2015 9:02

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.2	10.8	16.2
279	22.8	19.0	28.6





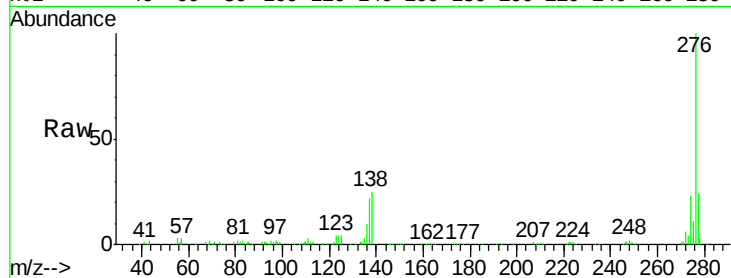
#91
 Benzo(a,h,i)perylene
 Concen: 42.02 ng
 RT: 16.66 min Scan# 1284
 Delta R.T. -0.02 min
 Lab File: BF081074.D
 Acq: 19 Aug 2015 9:02

Instrument :
 BNA_F
 ClientSampleId :
 SB04-4.0-5.0-081115MS

Tot Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	23.6	18.2	27.2
138	24.8	13.7	20.5

Manual Integrations
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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

