

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081815\
 Data File : BF081075.D
 Acq On : 19 Aug 2015 9:33
 Operator : UM/IZ
 Sample : G3282-09MSD
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

MMDadoda
 8/19/2015 2:19:12 PM

Quant Time: Aug 19 13:12:28 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	65598	20.00	ng	-0.02
21) Naphthalene-d8	7.90	136	278673	20.00	ng	-0.01
38) Acenaphthene-d10	9.64	164	126612	20.00	ng	-0.01
63) Phenanthrene-d10	11.11	188	250111	20.00	ng	-0.02
75) Chrysene-d12	13.74	240	151243	20.00	ng	-0.01
86) Perylene-d12	15.07	264	129610	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	563288	129.16	ng	0.00
7) Phenol-d6	6.26	99	815089	143.24	ng	0.00
23) Nitrobenzene-d5	7.19	82	523979	85.89	ng	0.00
41) 2,4,6-Tribromophenol	10.43	330	151986	138.48	ng	-0.01
44) 2-Fluorobiphenyl	8.97	172	695898	72.02	ng	-0.02
78) Terphenyl-d14	12.70	244	665598	94.35	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.09	88	71807	34.94	ng	95
3) Pyridine	2.71	79	227753	39.26	ng	84
4) n-Nitrosodimethylamine	2.67	42	132566	41.05	ng	# 79
6) Aniline	6.33	93	190486m	23.02	ng	
8) 2-Chlorophenol	6.40	128	208273	43.63	ng	# 81
9) Benzaldehyde	6.15	77	140978	38.43	ng	94
10) Phenol	6.28	94	284467	42.33	ng	# 65
11) bis(2-Chloroethyl)ether	6.35	93	236524m	45.87	ng	
12) 1,3-Dichlorobenzene	6.55	146	212762	41.48	ng	95
13) 1,4-Dichlorobenzene	6.63	146	212450	41.83	ng	98
14) 1,2-Dichlorobenzene	6.78	146	182024	38.29	ng	99
15) Benzyl Alcohol	6.76	79	191705	41.64	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.90	45	406406	40.11	ng	97
17) 2-Methylphenol	6.89	107	186910	45.63	ng	96
18) Hexachloroethane	7.12	117	80996	39.47	ng	97
19) n-Nitroso-di-n-propylamine	7.04	70	178838	45.37	ng	92
20) 3+4-Methylphenols	7.04	107	220254	42.37	ng	# 65
22) Acetophenone	7.03	105	314042	42.92	ng	# 88
24) Nitrobenzene	7.20	77	237837	37.29	ng	96
25) Isophorone	7.44	82	446319	39.23	ng	99
26) 2-Nitrophenol	7.52	139	122198	46.07	ng	# 71
27) 2,4-Dimethylphenol	7.56	122	164403	35.03	ng	96
28) bis(2-Chloroethoxy)methane	7.67	93	288981	43.00	ng	98
29) 2,4-Dichlorophenol	7.76	162	157619	39.90	ng	# 87
30) 1,2,4-Trichlorobenzene	7.84	180	169079	38.51	ng	97
31) Naphthalene	7.92	128	641020	41.27	ng	99
32) Benzoic acid	7.63	122	7141	2.71	ng	96
33) 4-Chloroaniline	7.99	127	96476	14.72	ng	# 91
34) Hexachlorobutadiene	8.04	225	96849	39.00	ng	98
35) Caprolactam	8.35	113	65623m	47.52	ng	
36) 4-Chloro-3-methylphenol	8.47	107	201318	42.76	ng	98
37) 2-Methylnaphthalene	8.60	142	364857	37.18	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.78	216	175005	42.84	ng	98
40) Hexachlorocyclopentadiene	8.76	237	135754	64.21	ng	99

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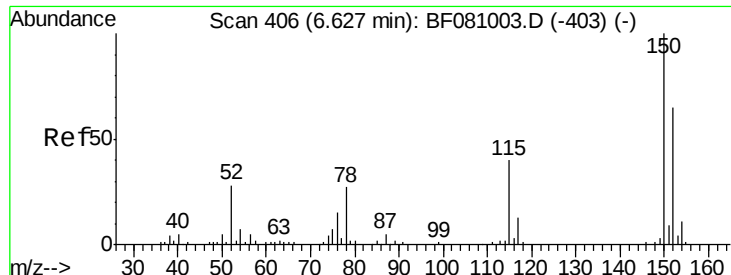
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.89	196	126099	43.69	nq	99
43) 2,4,5-Trichlorophenol	8.94	196	125816	43.62	nq	95
45) 1,1'-Biphenyl	9.07	154	503871	45.18	nq	97
46) 2-Chloronaphthalene	9.10	162	361590	40.36	nq	99
47) 2-Nitroaniline	9.20	65	161053	43.93	nq	# 64
48) Acenaphthylene	9.51	152	590223	36.83	nq	99
49) Dimethylphthalate	9.38	163	535481	51.35	nq	99
50) 2,6-Dinitrotoluene	9.44	165	80994	36.18	nq	# 63
51) Acenaphthene	9.68	154	362732	37.80	nq	99
52) 3-Nitroaniline	9.60	138	70086	25.02	nq	99
53) 2,4-Dinitrophenol	9.71	184	16375	17.68	nq	# 48
54) Dibenzofuran	9.85	168	504050	39.20	nq	98
55) 4-Nitrophenol	9.78	139	150671	76.57	nq	# 81
56) 2,4-Dinitrotoluene	9.84	165	110347	37.19	nq	# 66
57) Fluorene	10.18	166	351418	35.53	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.96	232	88652m	39.71	nq	
59) Diethylphthalate	10.08	149	430662	39.02	nq	98
60) 4-Chlorophenyl-phenylether	10.18	204	166920	39.88	nq	98
61) 4-Nitroaniline	10.22	138	96012	33.53	nq	92
62) Azobenzene	10.34	77	554098	43.57	nq	97
64) 4,6-Dinitro-2-methylphenol	10.24	198	35521	23.78	nq	87
65) n-Nitrosodiphenylamine	10.31	169	378071	42.35	nq	100
66) 4-Bromophenyl-phenylether	10.67	248	103297	42.04	nq	98
67) Hexachlorobenzene	10.73	284	109870	44.15	nq	96
68) Atrazine	10.84	200	124245	49.95	nq	94
69) Pentachlorophenol	10.92	266	110542	74.04	nq	99
70) Phenanthrene	11.13	178	549926	37.10	nq	99
71) Anthracene	11.19	178	561148	38.90	nq	100
72) Carbazole	11.35	167	603739	43.47	nq	100
73) Di-n-butylphthalate	11.69	149	714231	42.50	nq	98
74) Fluoranthene	12.31	202	574709	35.93	nq	92
76) Benzidine	12.45	184	165063	28.89	nq	99
77) Pyrene	12.54	202	529428	43.06	nq	99
79) Butylbenzylphthalate	13.18	149	307375	58.16	nq	# 78
80) Benzo(a)anthracene	13.73	228	413878	40.80	nq	100
81) 3,3'-Dichlorobenzidine	13.69	252	92050	28.02	nq	99
82) Chrysene	13.76	228	403250	44.11	nq	99
83) Bis(2-ethylhexyl)phthalate	13.74	149	381861	56.41	nq	# 97
84) Di-n-octyl phthalate	14.34	149	590049	57.35	nq	# 98
85) Indeno(1,2,3-cd)pyrene	16.30	276	376167	58.61	nq	# 94
87) Benzo(b)fluoranthene	14.72	252	387838m	42.30	nq	
88) Benzo(k)fluoranthene	14.74	252	263697m	30.87	nq	
89) Benzo(a)pyrene	15.03	252	333940	41.80	nq	97
90) Dibenzo(a,h)anthracene	16.32	278	316411	50.83	nq	99
91) Benzo(g,h,i)perylene	16.66	276	311829	49.38	nq	# 89

(#) = 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: BF081075.D

Acq: 19 Aug 2015 9:33

Instrument :

BNA_F

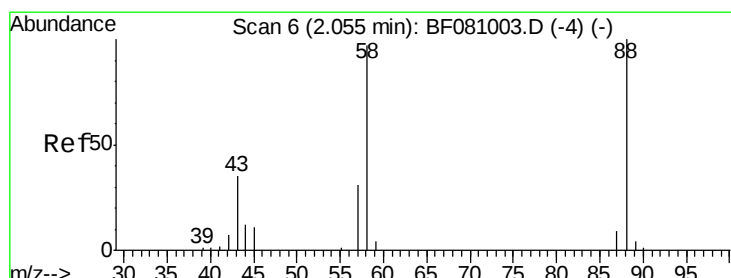
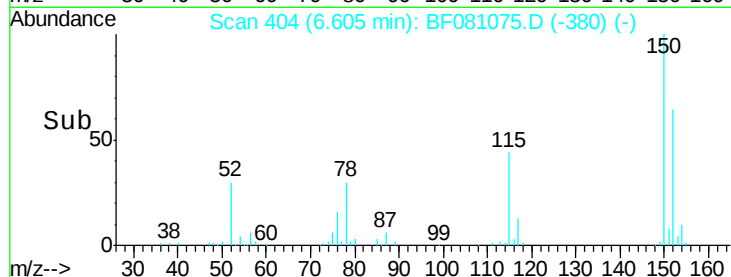
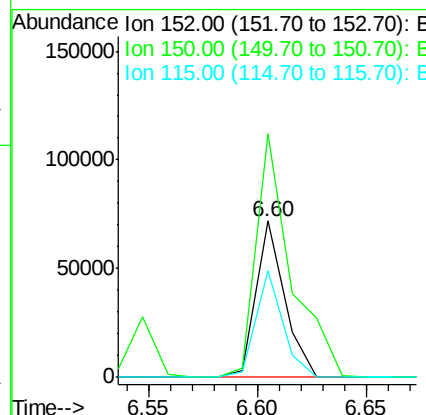
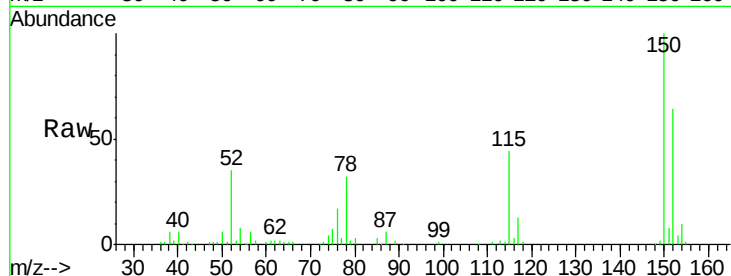
ClientSampleId :

SB04-4.0-5.0-081115MSD

Manual Integrations
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Tot Ion:	152	Resp:	65598
Ion Ratio	Lower	Upper	
152	100		
150	155.8	123.8	185.6
115	68.4	52.1	78.1



#2

1,4-Dioxane

Concen: 34.94 ng

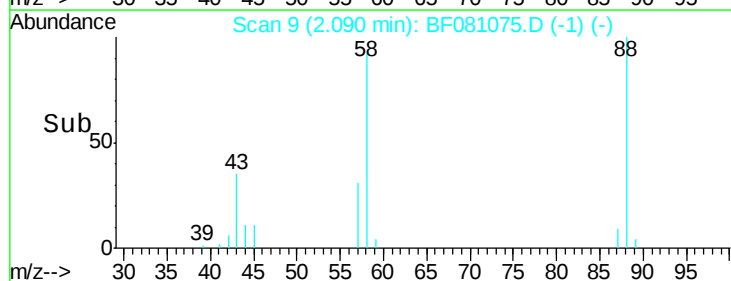
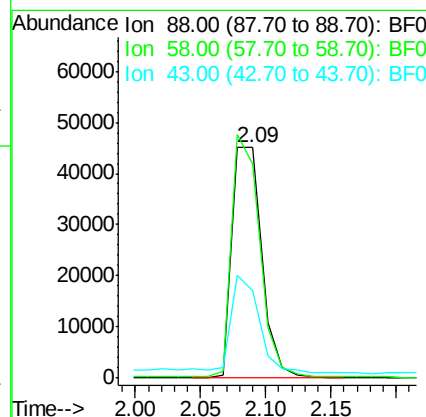
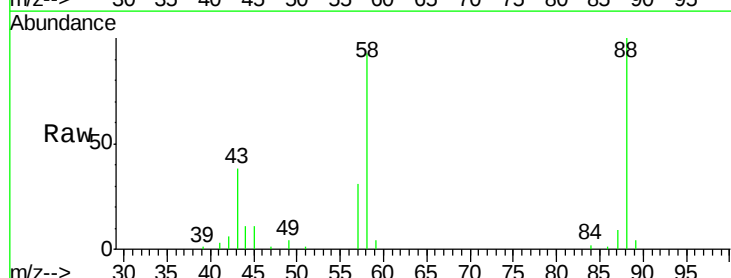
RT: 2.09 min Scan# 9

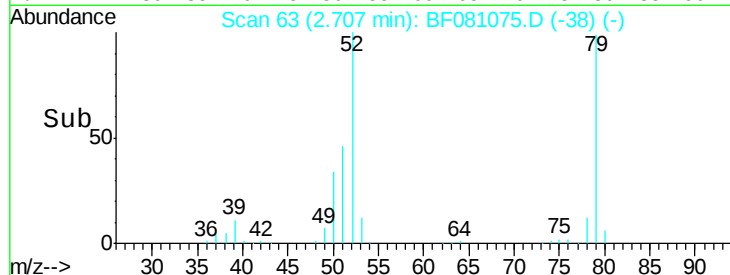
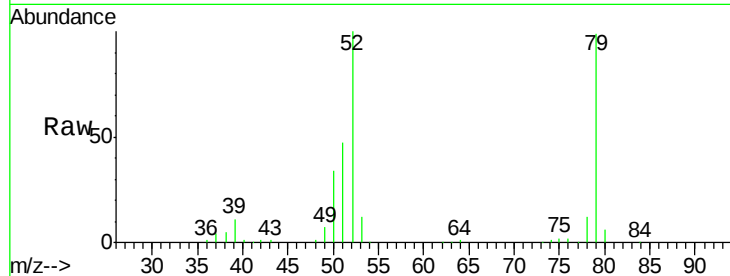
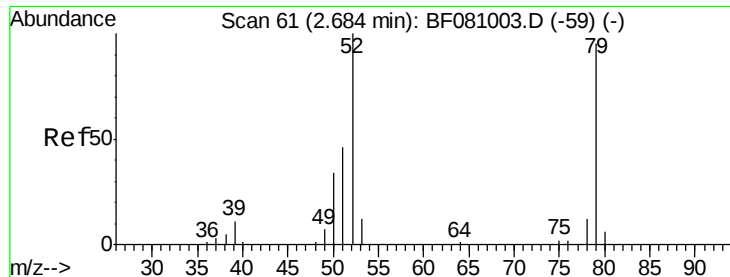
Delta R.T. 0.03 min

Lab File: BF081075.D

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Tgt Ion:	88	Resp:	71807
Ion Ratio	Lower	Upper	
88	100		
58	101.8	83.7	125.5
43	40.4	37.5	56.3





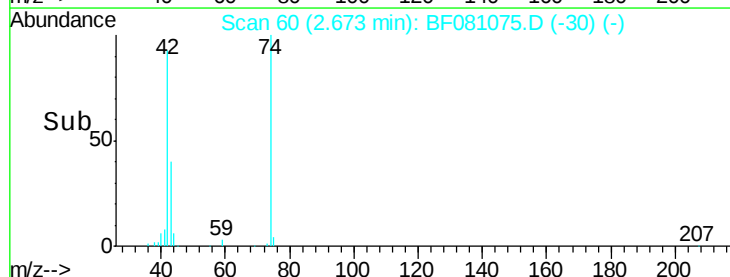
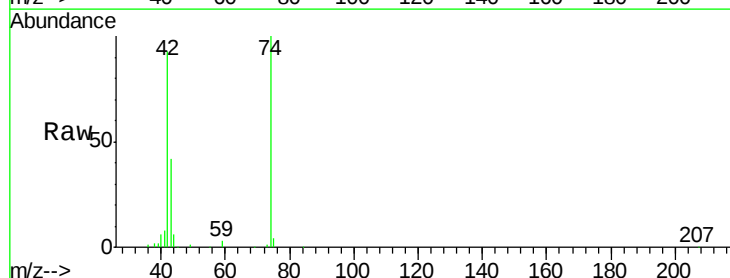
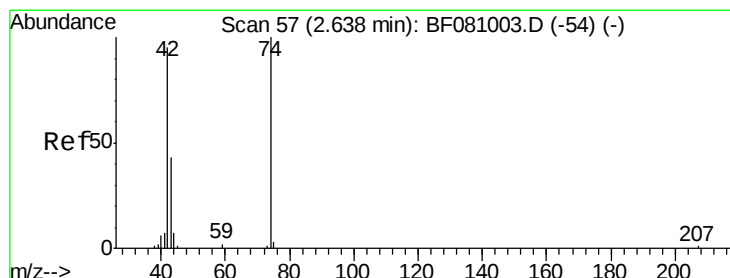
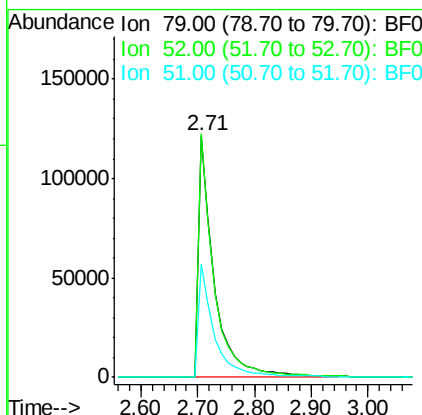
#3
 Pvridine
 Concen: 39.26 ng
 RT: 2.71 min Scan# 63
 Delta R.T. -0.01 min
 Lab File: BF081075.D
 Acq: 19 Aug 2015 9:33

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
52	101.0	95.1	142.7		
51	47.1	46.6	70.0		

Instrument :
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 SB04-4.0-5.0-081115MSD

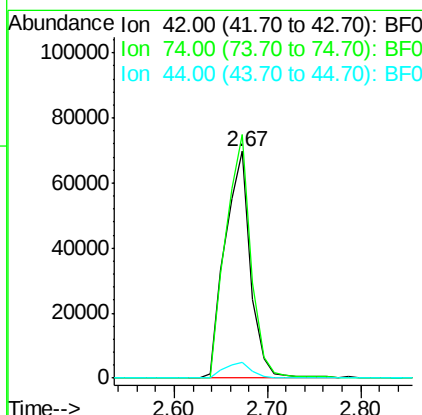
Manual Integrations
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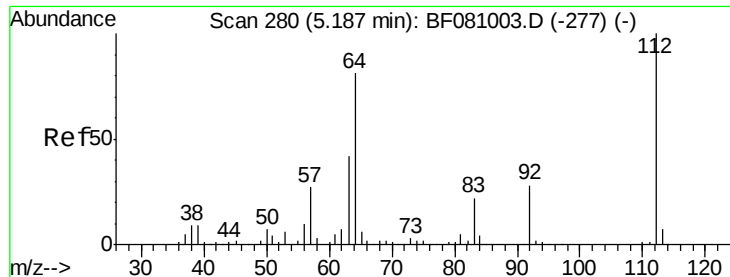
MMDadoda
 8/19/2015 2:19:12 PM



#4
 n-Nitrosodimethylamine
 Concen: 41.05 ng
 RT: 2.67 min Scan# 60
 Delta R.T. 0.05 min
 Lab File: BF081075.D
 Acq: 19 Aug 2015 9:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100				
74	107.5	69.3	103.9#		
44	7.0	5.5	8.3		





#5

2-Fluorophenol

Concen: 129.16 ng

RT: 5.19 min Scan# 280

Delta R.T. 0.00 min

Lab File: BF081075.D

Acq: 19 Aug 2015 9:33

Instrument :

BNA_F

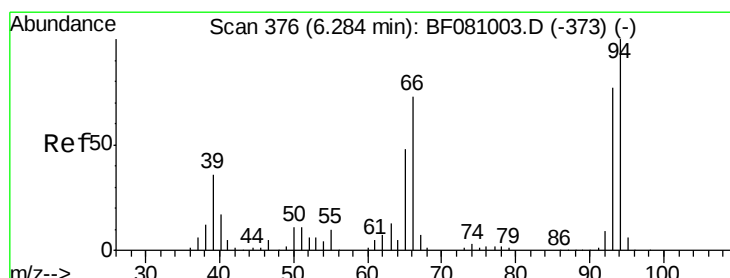
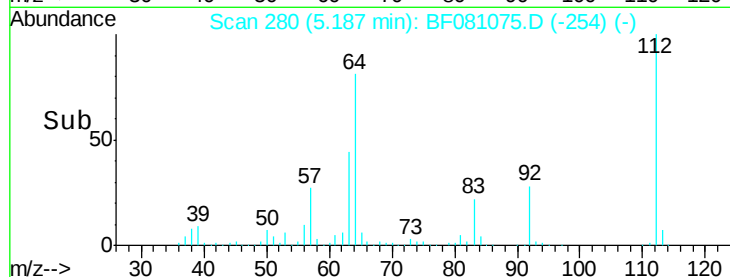
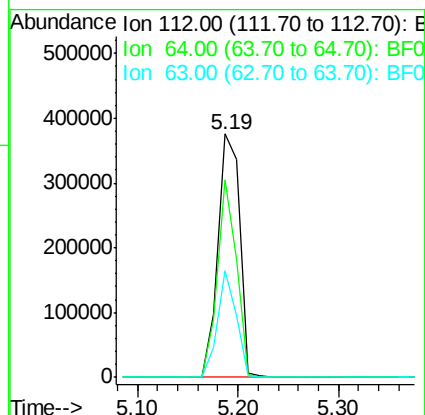
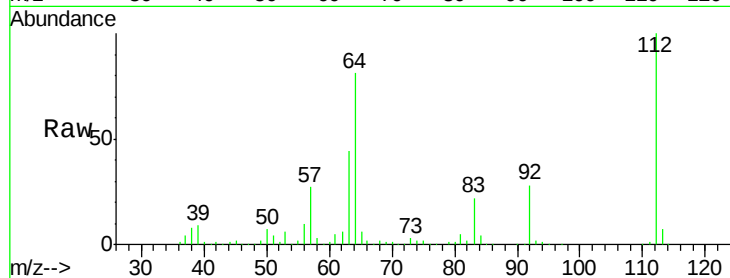
ClientSampleId :

SB04-4.0-5.0-081115MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		563288		
64	80.9	66.9	100.3		
63	43.6	38.1	57.1		

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#6

Aniline

Concen: 23.02 ng m

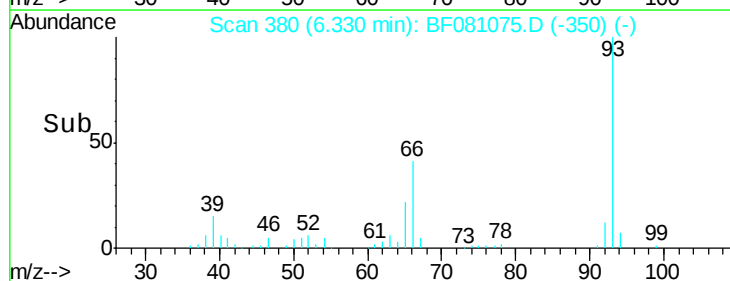
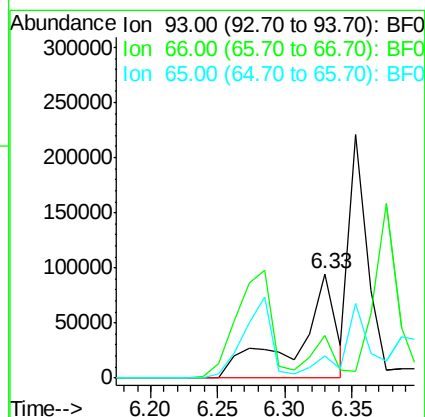
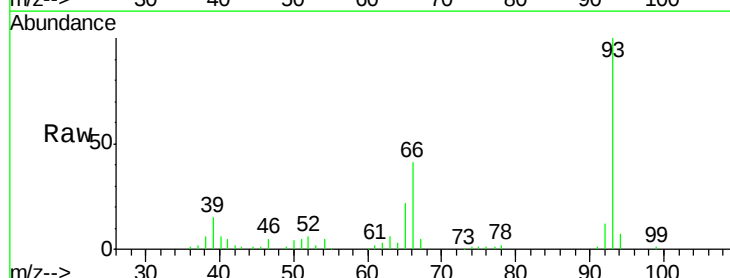
RT: 6.33 min Scan# 380

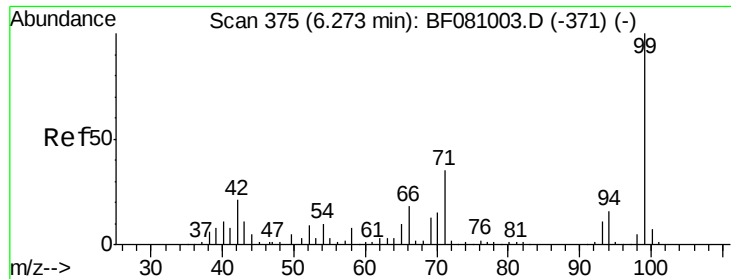
Delta R.T. 0.05 min

Lab File: BF081075.D

Acq: 19 Aug 2015 9:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		190486		
66	40.6	35.6	53.4		
65	21.7	18.7	28.1		





#7

Phenol-d6

Concen: 143.24 ng

RT: 6.26 min Scan# 374

Delta R.T. 0.00 min

Lab File: BF081075.D

Acq: 19 Aug 2015 9:33

Instrument :

BNA_F

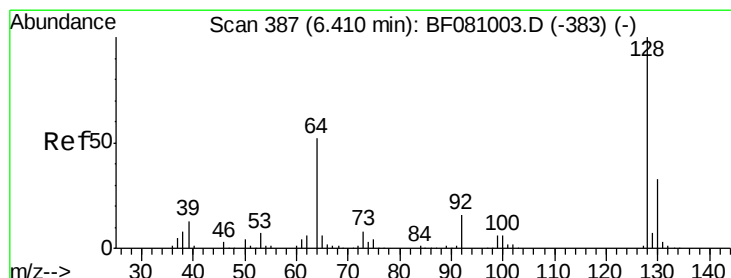
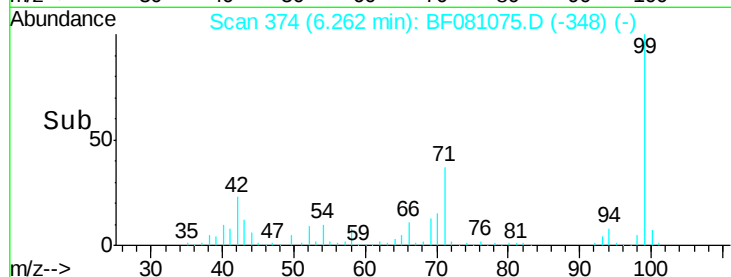
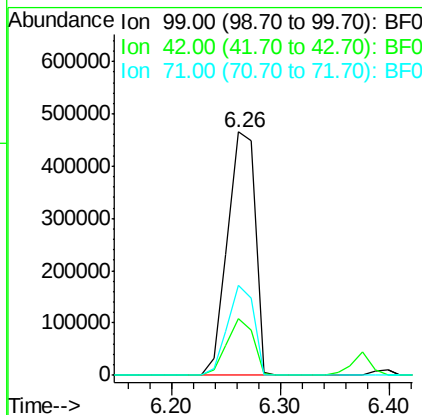
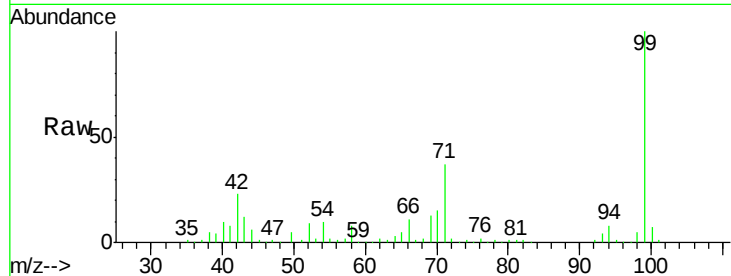
ClientSampleId :

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Tot Ion:	99	Resp:	815089
Ion Ratio		Lower	Upper
99	100		
42	23.4	19.6	29.4
71	36.8	31.2	46.8

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#8

2-Chlorophenol

Concen: 43.63 ng

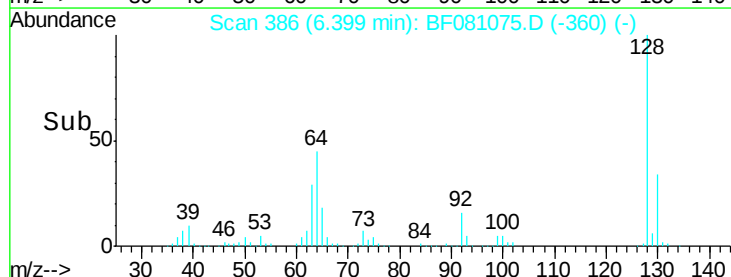
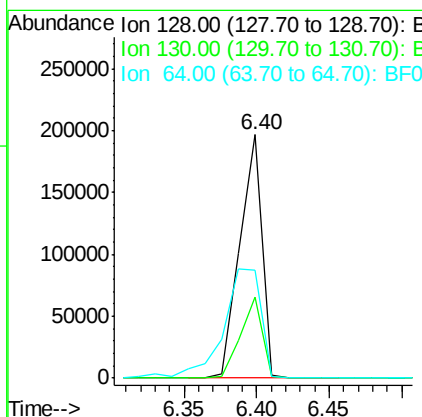
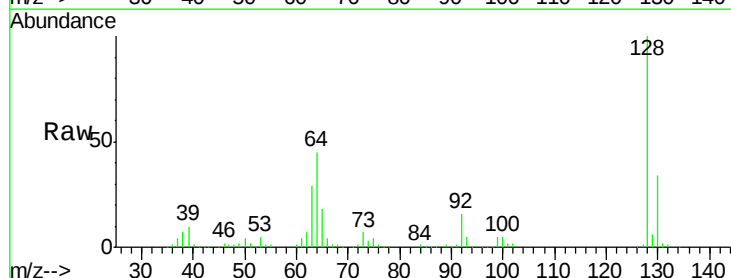
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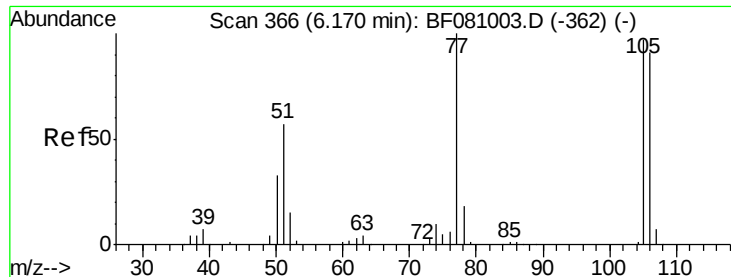
Delta R.T. 0.00 min

Lab File: BF081075.D

Acq: 19 Aug 2015 9:33

Tgt Ion:	128	Resp:	208273
Ion Ratio		Lower	Upper
128	100		
130	33.5	12.5	52.5
64	44.6	46.8	86.8#





#9

Benzaldehyde

Concen: 38.43 ng

RT: 6.15 min Scan# 364

Delta R.T. -0.01 min

Lab File: BF081075.D

Acq: 19 Aug 2015 9:33

Instrument :

BNA_F

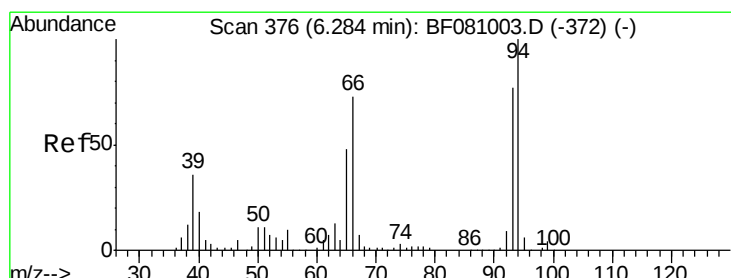
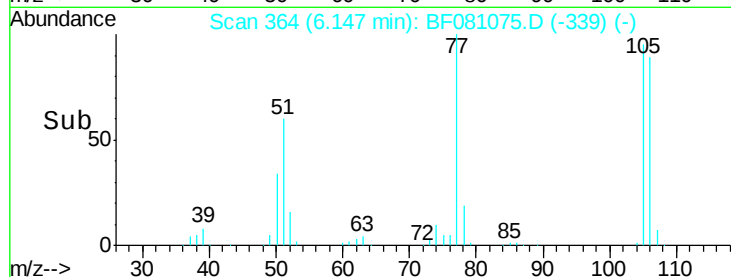
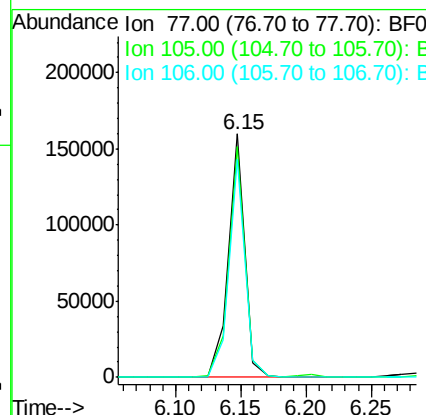
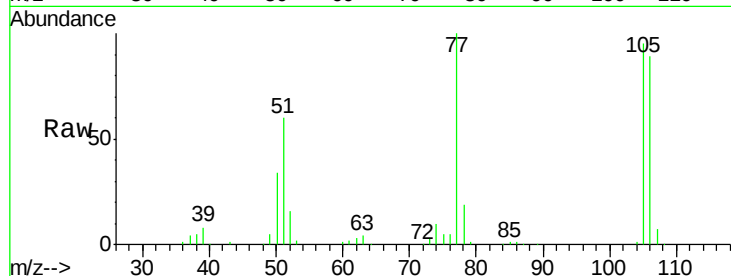
ClientSampleId :

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Manual Integrations
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	94.9	69.6	109.6		
106	89.4	64.0	104.0		



#10

Phenol

Concen: 42.33 ng

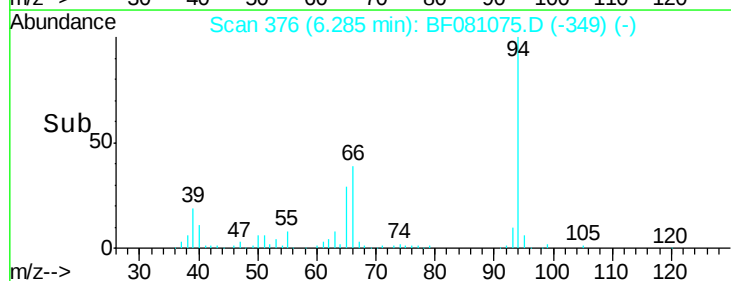
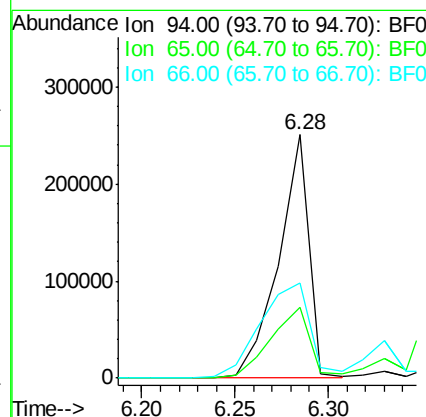
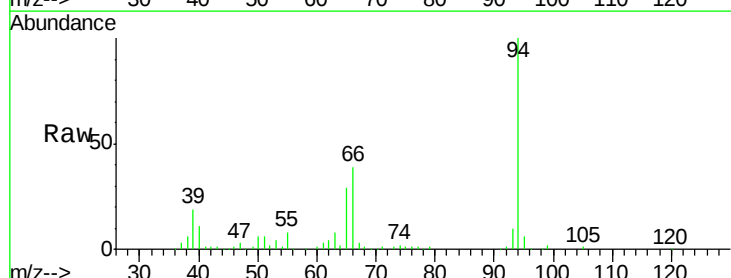
RT: 6.28 min Scan# 376

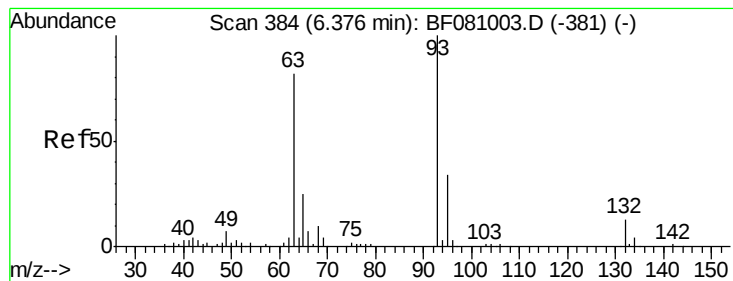
Delta R.T. 0.01 min

Lab File: BF081075.D

Acq: 19 Aug 2015 9:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	29.3	28.4	68.4		
66	39.1	52.3	92.3#		





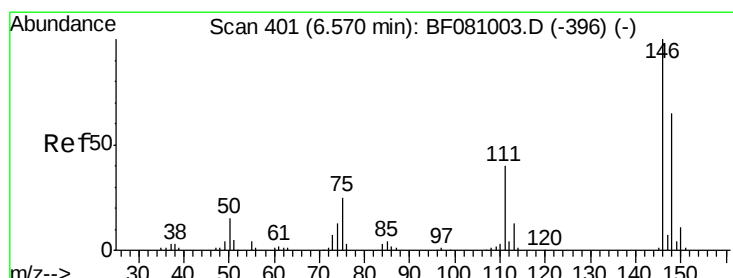
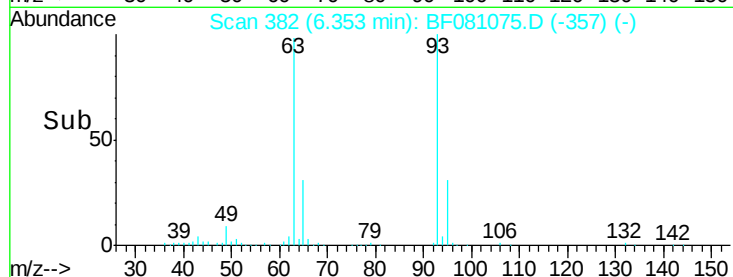
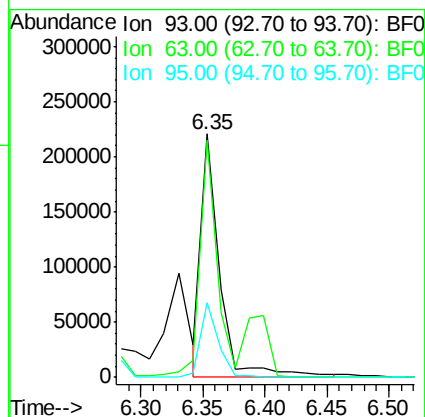
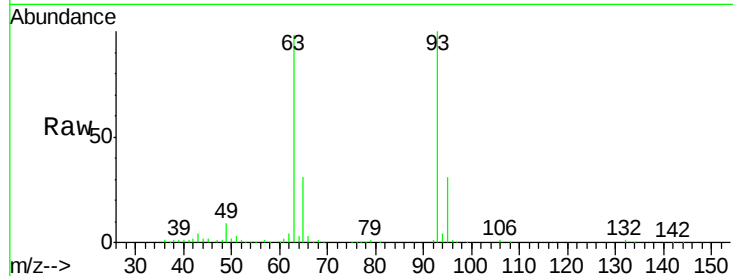
#11
bis(2-Chloroethyl)ether
Concen: 45.87 ng/ml
RT: 6.35 min Scan# 382
Delta R.T. -0.01 min
Lab File: BF081075.D
Acq: 19 Aug 2015 9:33

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

Tot Ion	Ratio	Resp	Lower	Upper
93	100	236524		
63	97.6	69.6	109.6	
95	30.6	12.3	52.3	

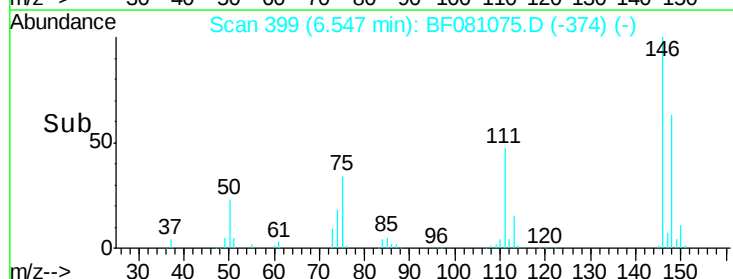
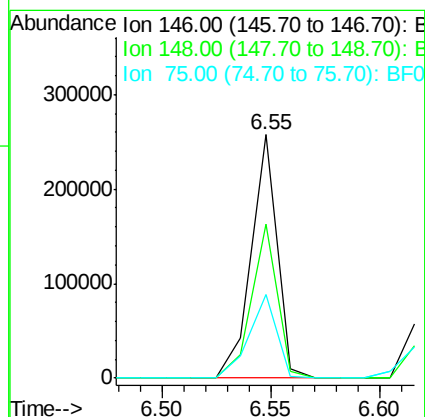
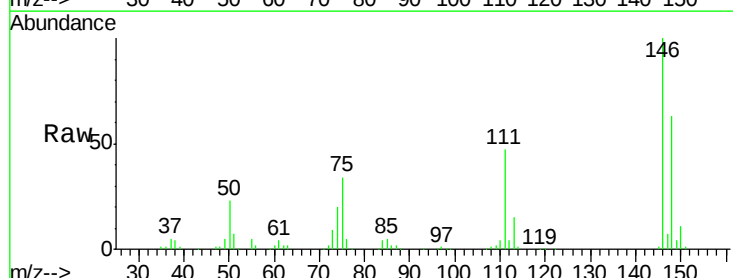
Manual Integrations
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#12
1,3-Dichlorobenzene
Concen: 41.48 ng/ml
RT: 6.55 min Scan# 399
Delta R.T. -0.01 min
Lab File: BF081075.D
Acq: 19 Aug 2015 9:33

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	212762		
148	63.2	53.3	79.9	
75	34.4	25.0	37.6	





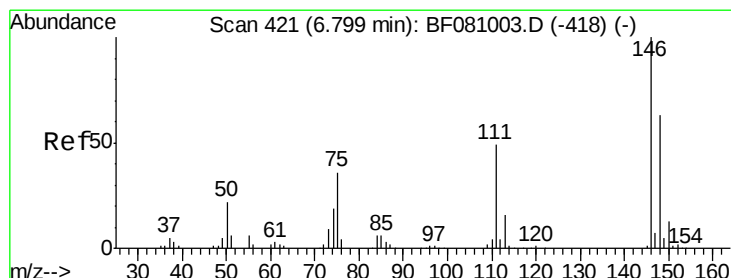
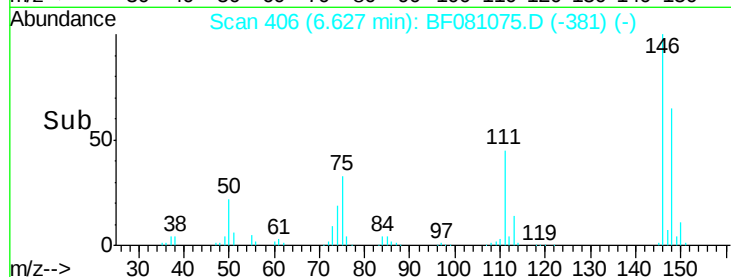
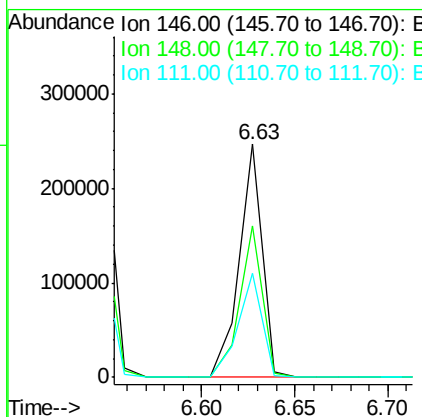
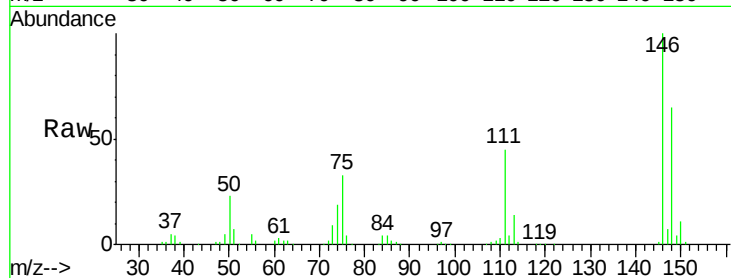
#13
 1,4-Dichlorobenzene
 Concen: 41.83 ng
 RT: 6.63 min Scan# 406
 Delta R.T. -0.01 min
 Lab File: BF081075.D
 Acq: 19 Aug 2015 9:33

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

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.9	52.3	78.5
111	44.8	34.4	51.6

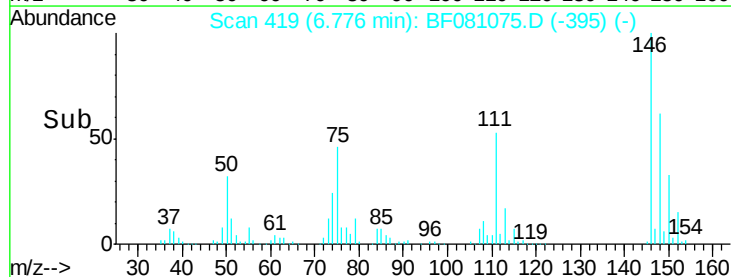
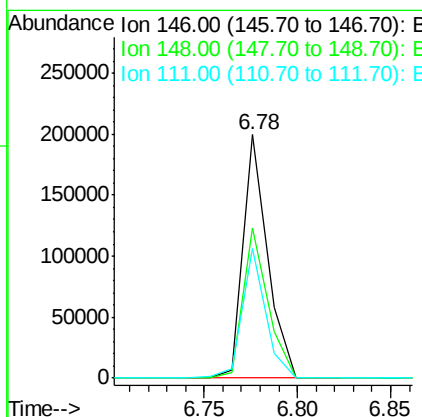
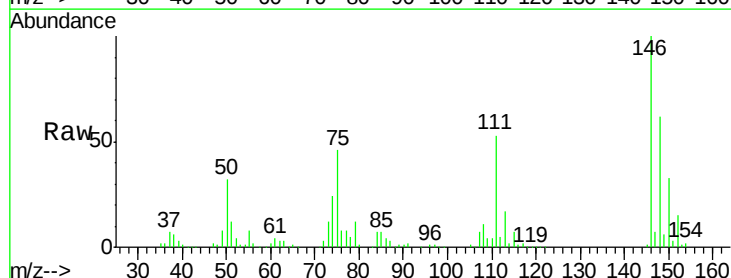
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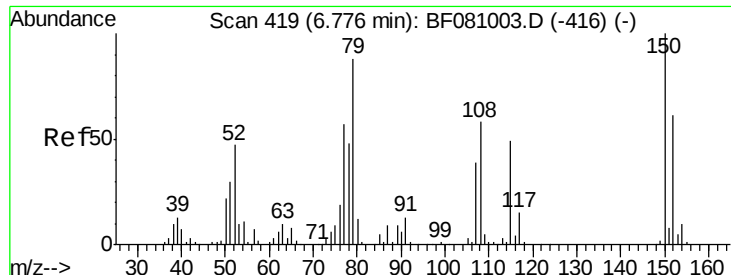
MMDadoda
 8/19/2015 2:19:12 PM



#14
 1,2-Dichlorobenzene
 Concen: 38.29 ng
 RT: 6.78 min Scan# 419
 Delta R.T. -0.02 min
 Lab File: BF081075.D
 Acq: 19 Aug 2015 9:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.9	48.7	73.1
111	53.3	42.3	63.5





#15

Benzyl Alcohol

Concen: 41.64 ng

RT: 6.76 min Scan# 418

Delta R.T. -0.01 min

Lab File: BF081075.D

Acq: 19 Aug 2015 9:33

Instrument :

BNA_F

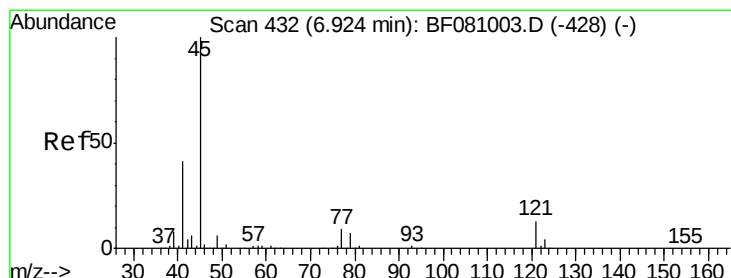
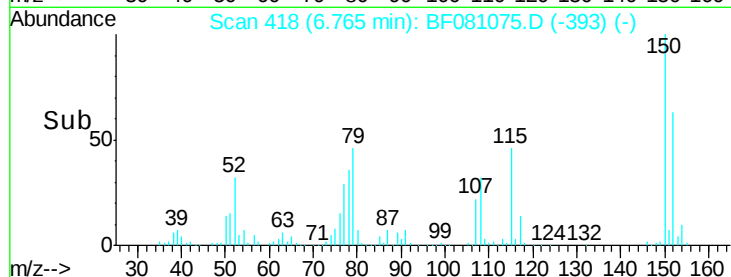
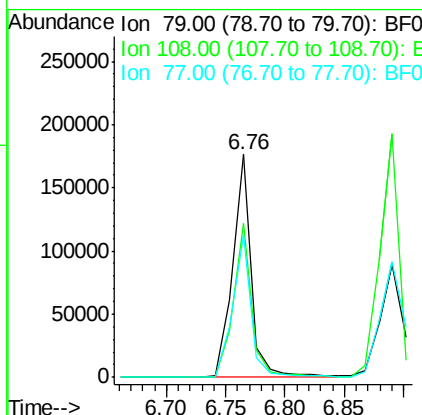
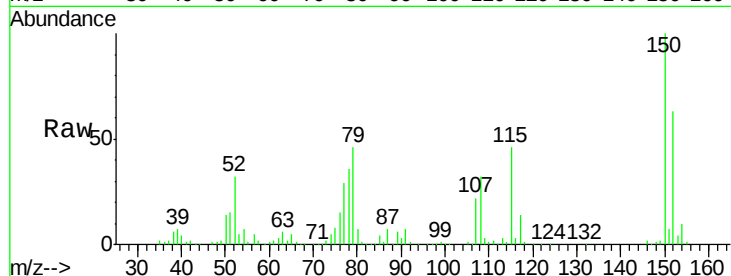
ClientSampleID :

SB04-4.0-5.0-081115MSD

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Tot Ion:	79	Resp:	191705
Ion Ratio	Lower	Upper	
79	100		
108	68.8	49.4	74.2
77	63.7	51.4	77.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.11 ng

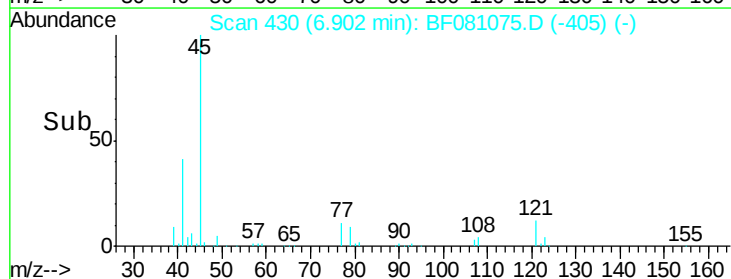
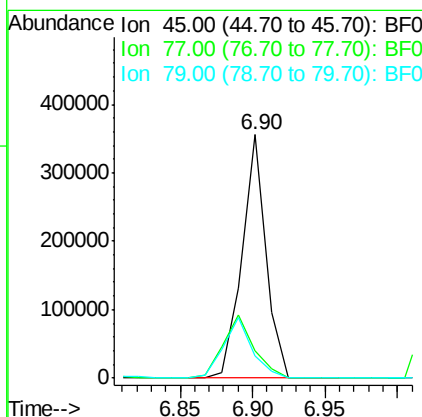
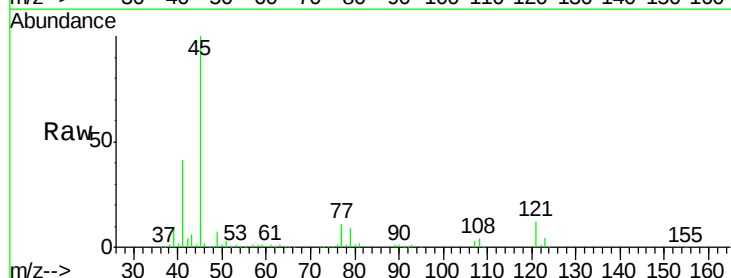
RT: 6.90 min Scan# 430

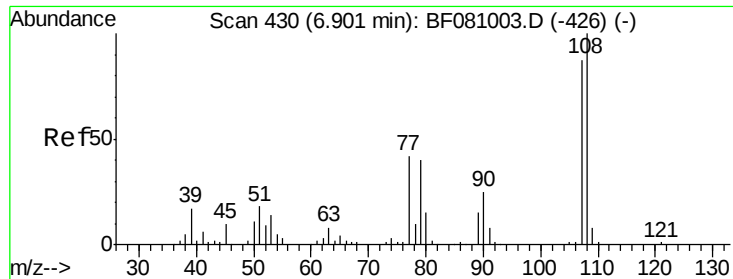
Delta R.T. -0.01 min

Lab File: BF081075.D

Acq: 19 Aug 2015 9:33

Tgt Ion:	45	Resp:	406406
Ion Ratio	Lower	Upper	
45	100		
77	11.3	0.0	30.2
79	9.0	0.0	28.0





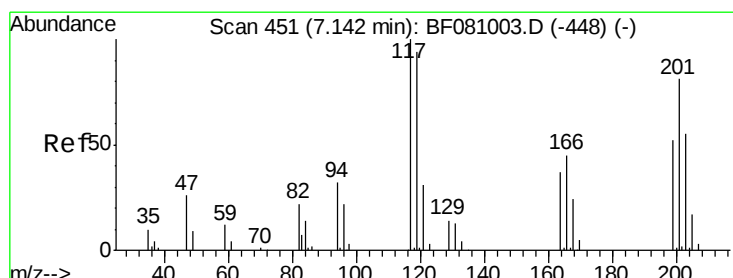
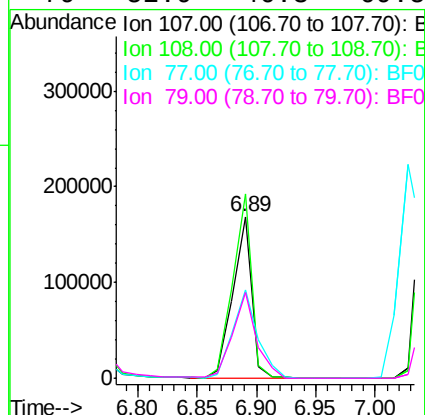
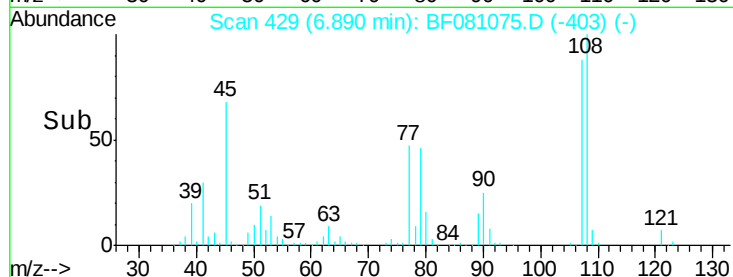
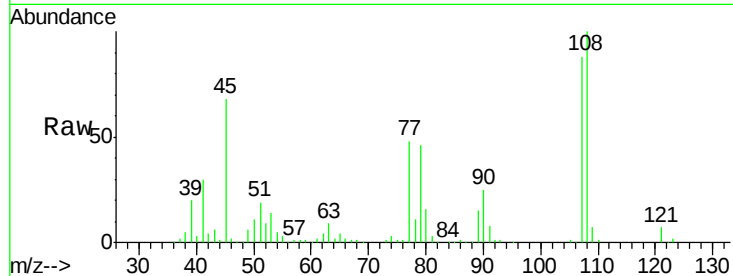
#17
2-Methylphenol
Concen: 45.63 ng
RT: 6.89 min Scan# 429
Delta R.T. 0.00 min
Lab File: BF081075.D
Acq: 19 Aug 2015 9:33

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100	186910		
108	108	114.2	90.4	135.6	
77	77	54.3	46.5	69.7	
79	79	52.9	46.3	69.5	

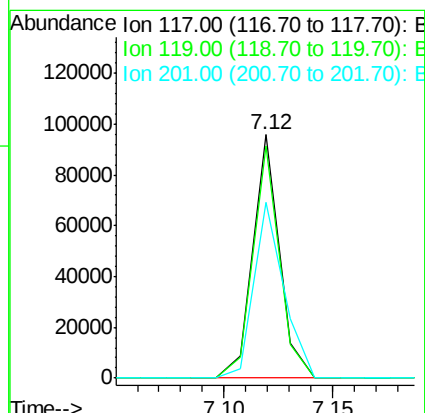
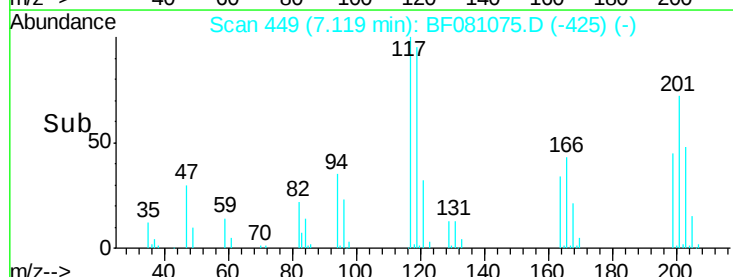
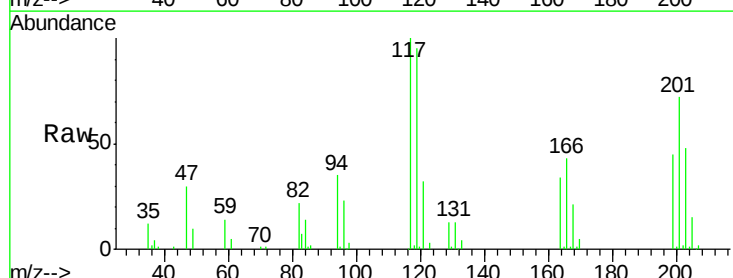
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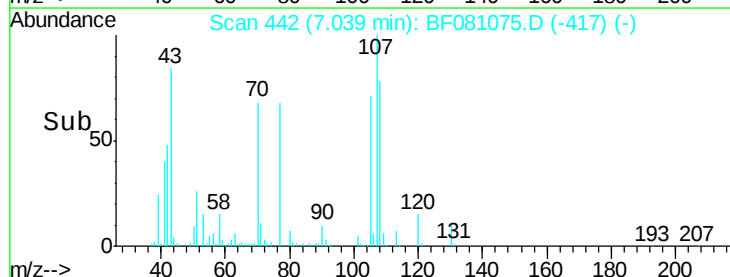
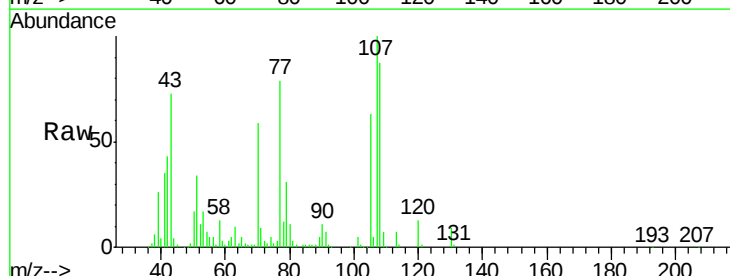
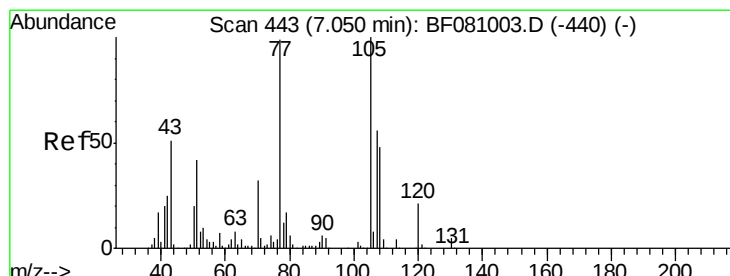
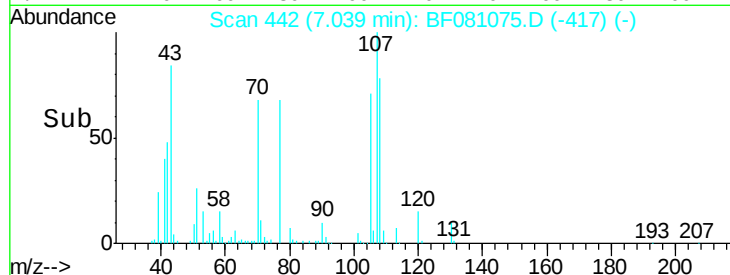
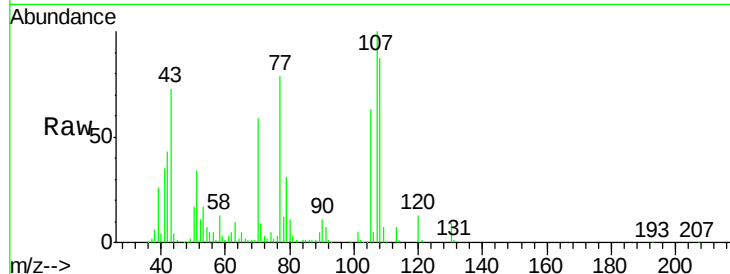
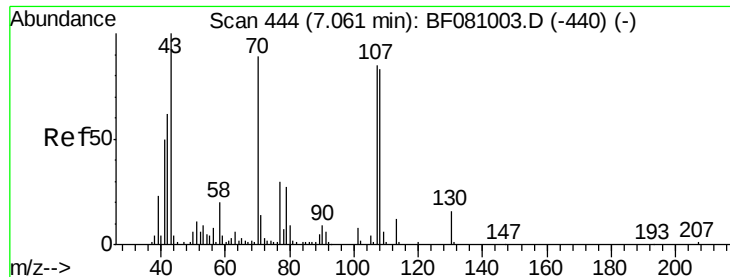
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#18
Hexachloroethane
Concen: 39.47 ng
RT: 7.12 min Scan# 449
Delta R.T. -0.02 min
Lab File: BF081075.D
Acq: 19 Aug 2015 9:33

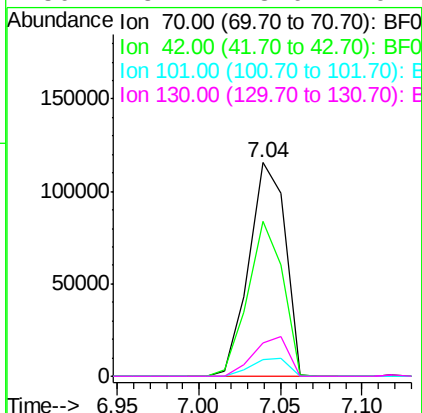
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117	100	80996		
119	119	95.2	77.9	116.9	
201	201	72.3	61.3	91.9	





#19
n-Nitroso-di-n-propylamine
Concen: 45.37 ng
RT: 7.04 min Scan# 442
Delta R.T. -0.01 min
Lab File: BF081075.D
Acq: 19 Aug 2015 9:33

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	72.8	65.0	97.4		
101	8.0	7.4	11.2		
130	15.4	13.0	19.4		



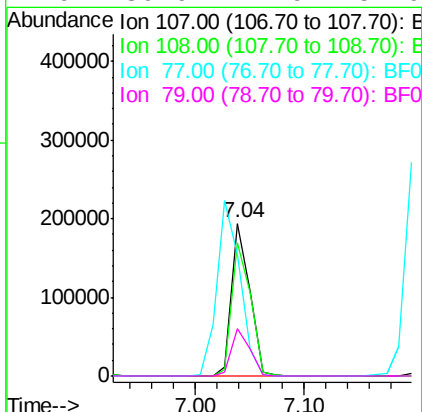
Instrument :
BNA_F
ClientSampleId :
SB04-4.0-5.0-081115MSD

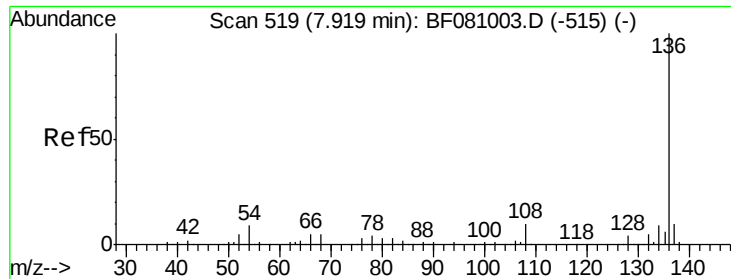
Manual Integrations
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#20
3+4-Methylphenols
Concen: 42.37 ng
RT: 7.04 min Scan# 442
Delta R.T. -0.01 min
Lab File: BF081075.D
Acq: 19 Aug 2015 9:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	87.0	66.1	106.1		
77	79.4	139.3	179.3#		
79	30.6	11.9	51.9		





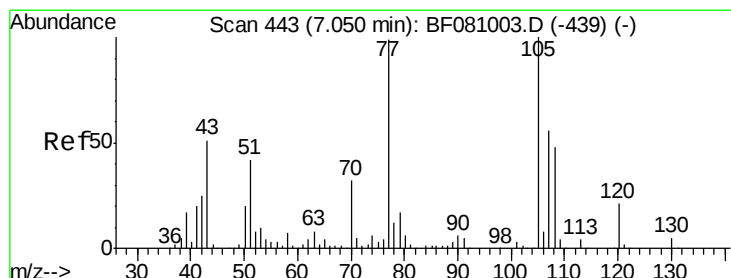
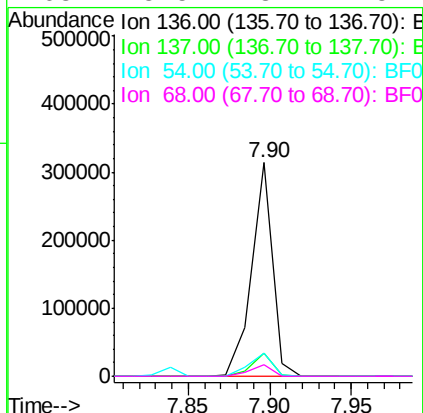
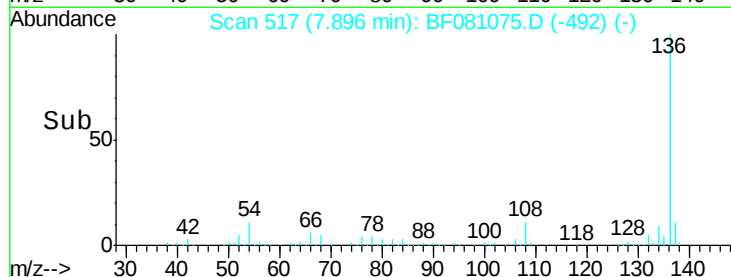
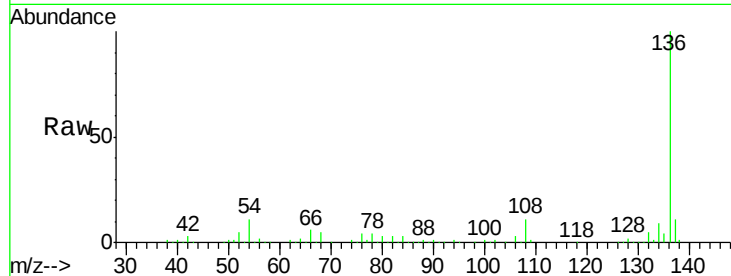
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 517
Delta R.T. -0.01 min
Lab File: BF081075.D
Acq: 19 Aug 2015 9:33

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

Tot Ion	Ratio	Resp	Lower	Upper
136	100	278673		
137	11.1	8.2	12.2	
54	10.7	7.7	11.5	
68	5.5	3.4	5.2#	

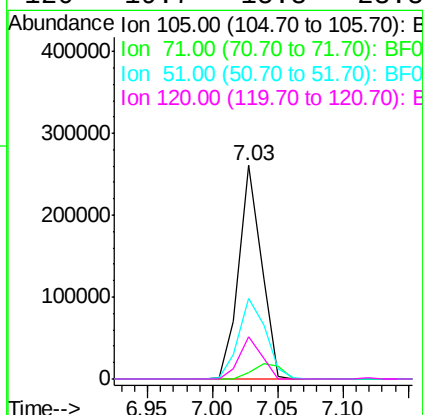
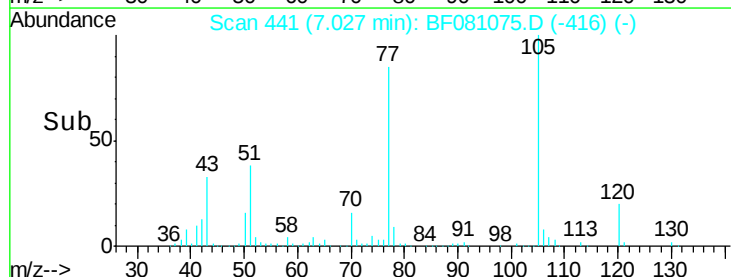
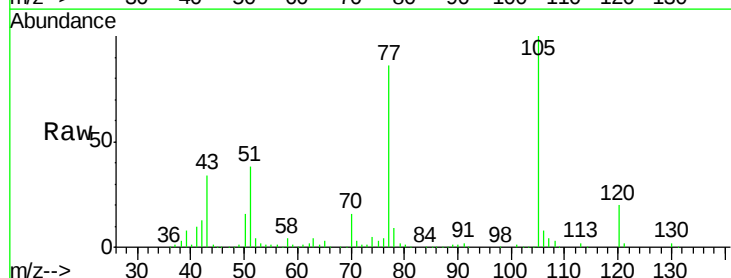
Manual Integrations
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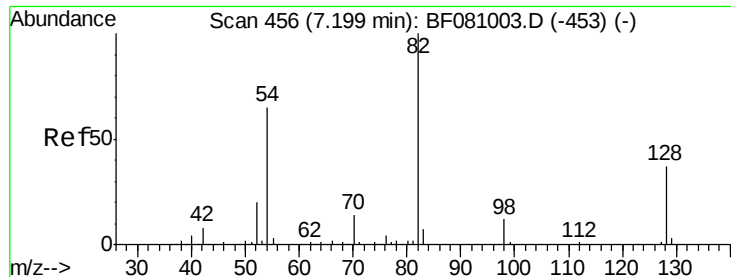
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#22
Acetophenone
Concen: 42.92 ng
RT: 7.03 min Scan# 441
Delta R.T. -0.01 min
Lab File: BF081075.D
Acq: 19 Aug 2015 9:33

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	314042		
71	2.7	3.0	4.6#	
51	37.8	39.8	59.8#	
120	19.7	15.8	23.8	





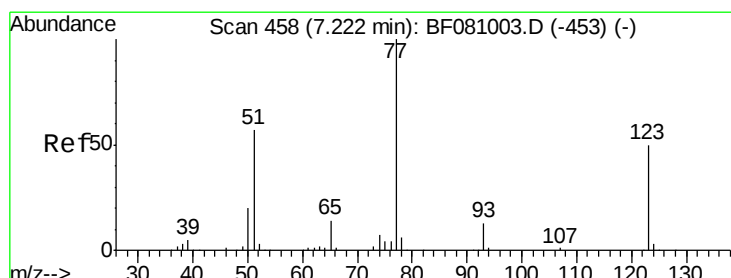
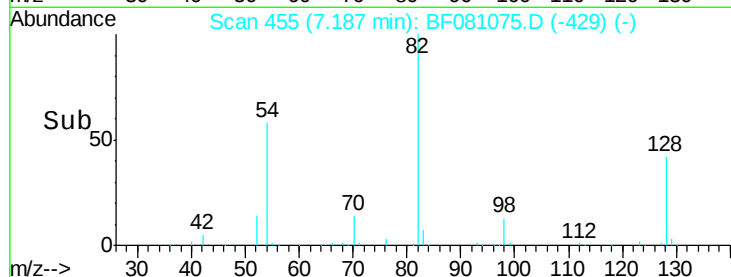
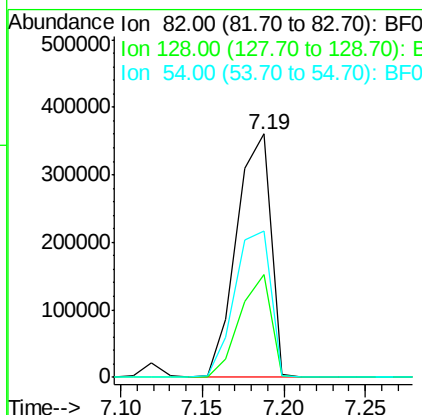
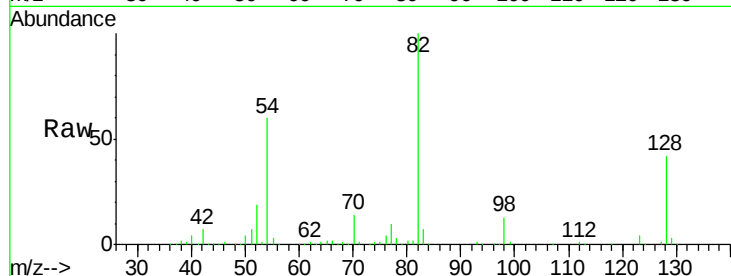
#23
 Nitrobenzene-d5
 Concen: 85.89 ng
 RT: 7.19 min Scan# 455
 Delta R.T. 0.00 min
 Lab File: BF081075.D
 Acq: 19 Aug 2015 9:33

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

Tot Ion	82	Resp	523979
Ion Ratio	Lower	Upper	
82	100		
128	42.4	28.6	42.8
54	60.3	55.1	82.7

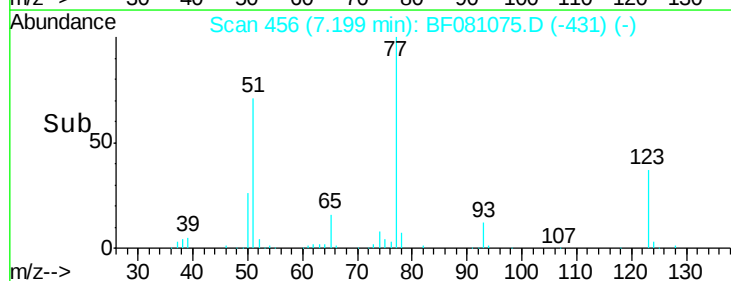
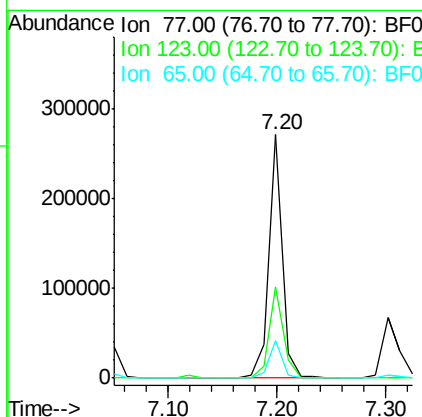
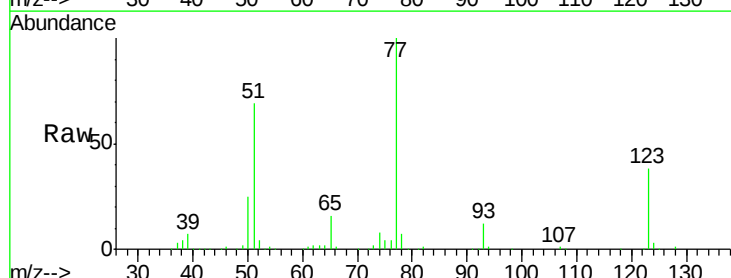
Manual Integrations
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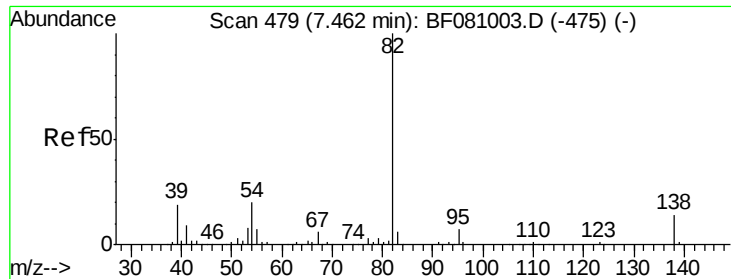
MMDadoda
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#24
 Nitrobenzene
 Concen: 37.29 ng
 RT: 7.20 min Scan# 456
 Delta R.T. -0.01 min
 Lab File: BF081075.D
 Acq: 19 Aug 2015 9:33

Tgt Ion	77	Resp	237837
Ion Ratio	Lower	Upper	
77	100		
123	37.6	32.9	49.3
65	15.6	12.5	18.7





#25

Isophorone

Concen: 39.23 ng

RT: 7.44 min Scan# 477

Delta R.T. -0.01 min

Lab File: BF081075.D

Acq: 19 Aug 2015 9:33

Instrument :

BNA_F

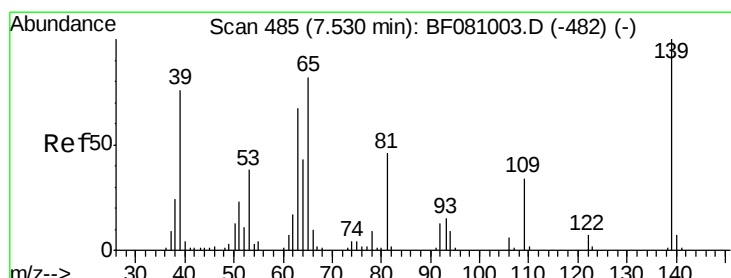
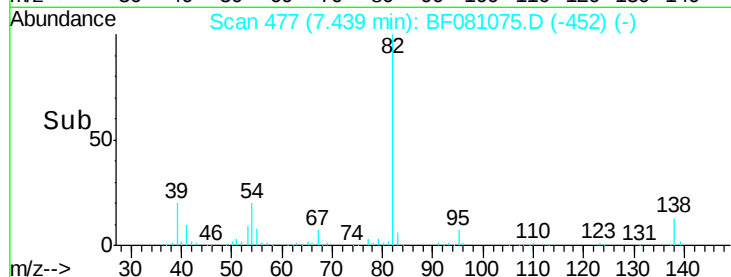
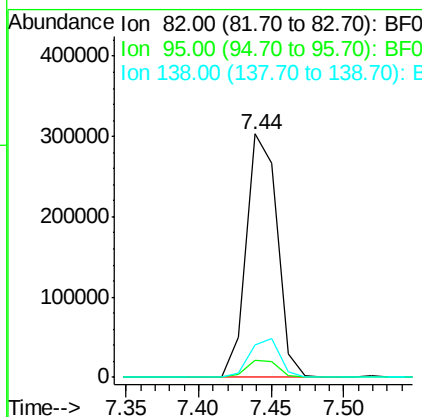
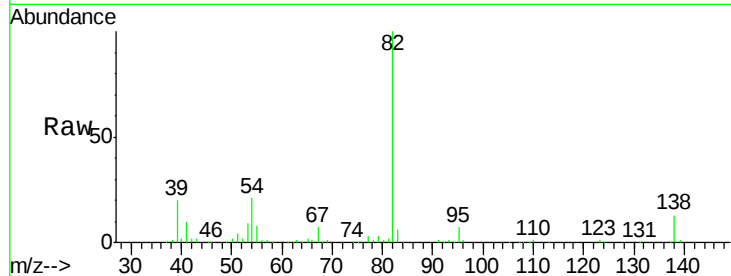
ClientSampleId :

SB04-4.0-5.0-081115MSD

Tot Ion:	82	Resp:	446319
Ion Ratio		Lower	Upper
82	100		
95	6.9	6.2	9.2
138	13.2	10.5	15.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 46.07 ng

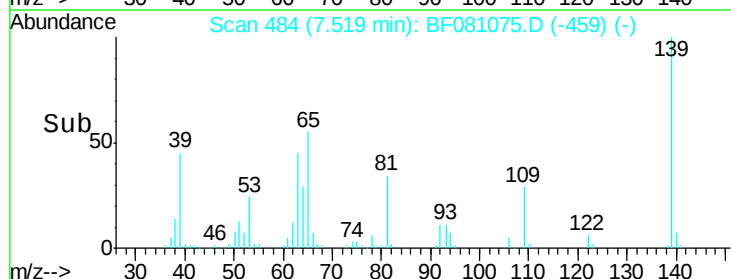
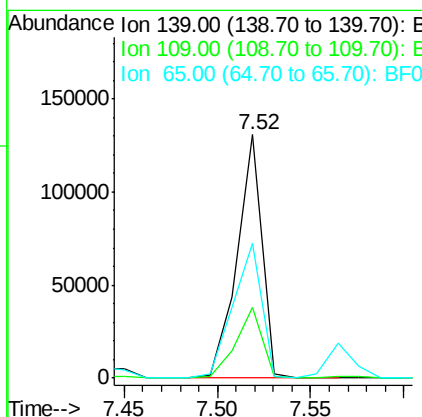
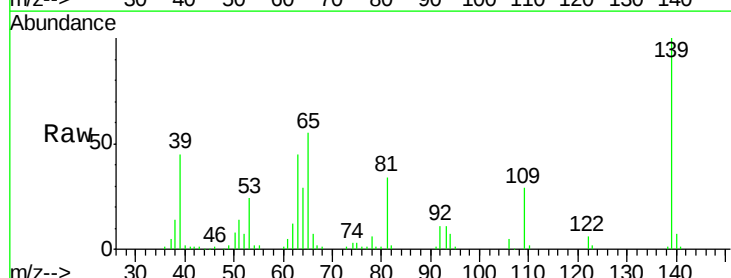
RT: 7.52 min Scan# 484

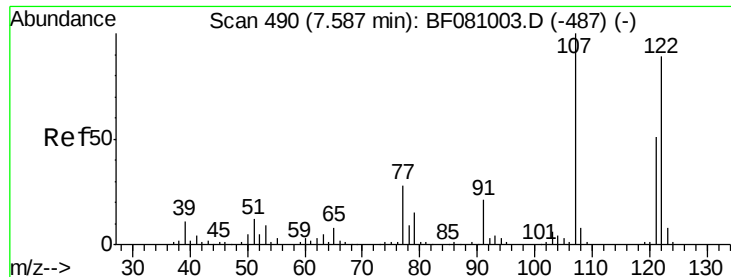
Delta R.T. -0.01 min

Lab File: BF081075.D

Acq: 19 Aug 2015 9:33

Tgt Ion:	139	Resp:	122198
Ion Ratio		Lower	Upper
139	100		
109	29.3	32.1	48.1#
65	55.3	69.9	104.9#





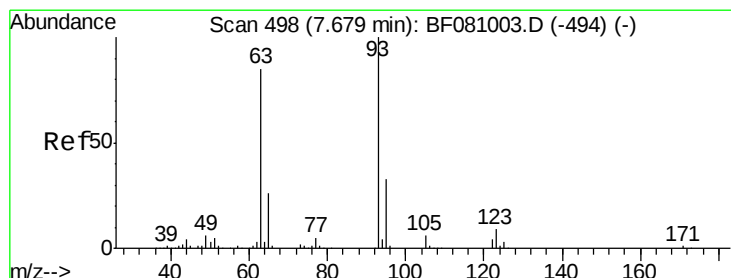
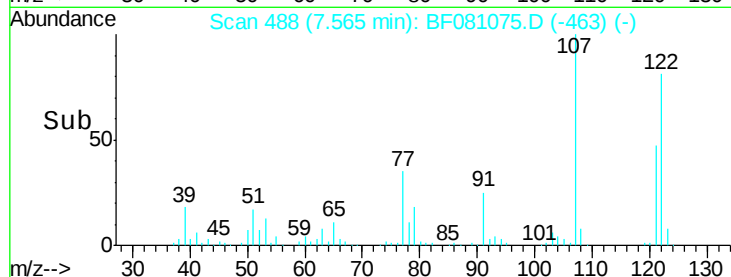
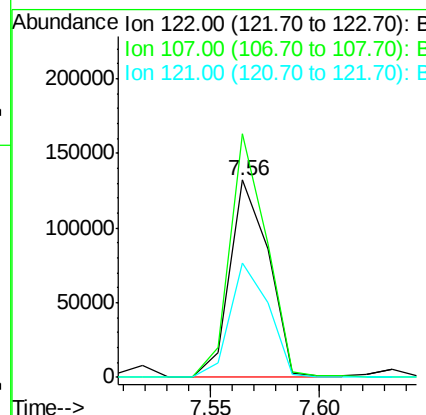
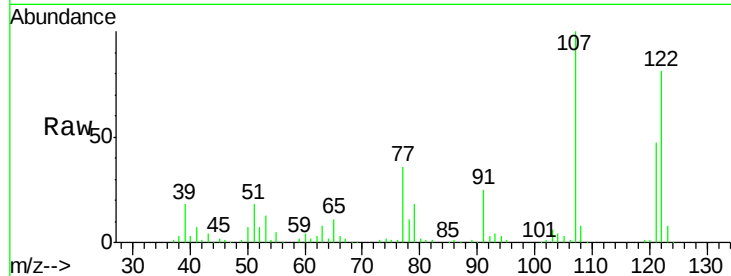
#27
 2,4-Dimethylphenol
 Concen: 35.03 ng
 RT: 7.56 min Scan# 488
 Delta R.T. -0.01 min
 Lab File: BF081075.D
 Acq: 19 Aug 2015 9:33

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

Tot Ion	Ratio	Resp	Lower	Upper
122	100	164403		
107	123.3	103.8	155.6	
121	58.0	47.0	70.4	

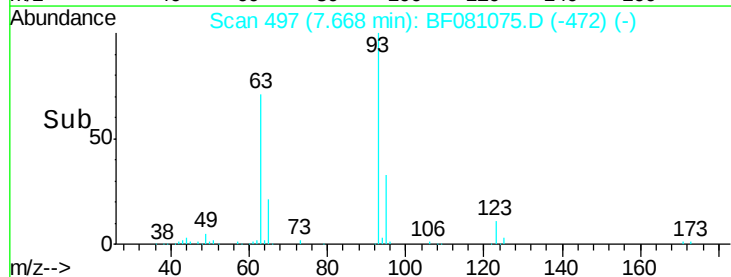
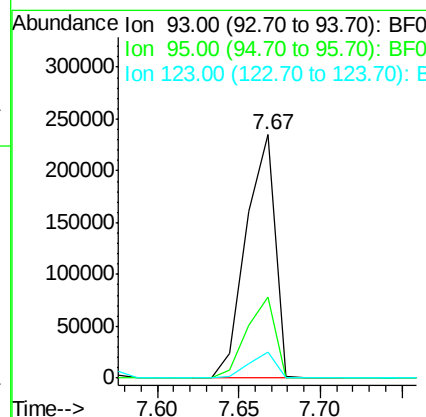
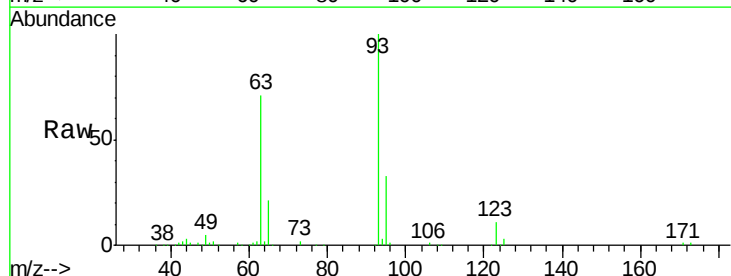
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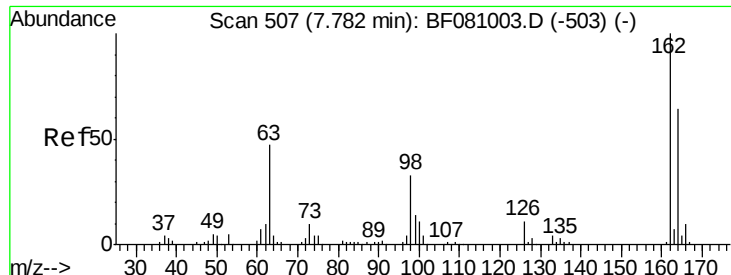
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#28
 bis(2-Chloroethoxy)methane
 Concen: 43.00 ng
 RT: 7.67 min Scan# 497
 Delta R.T. -0.01 min
 Lab File: BF081075.D
 Acq: 19 Aug 2015 9:33

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	288981		
95	33.2	25.8	38.8	
123	10.5	7.4	11.0	





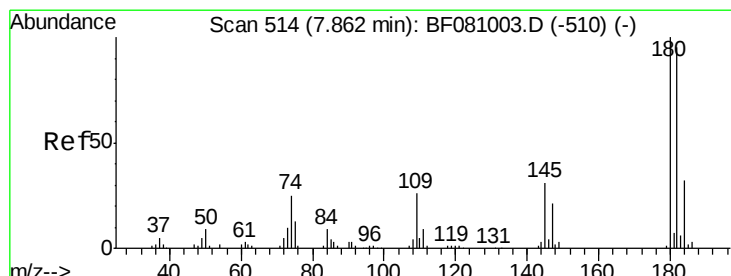
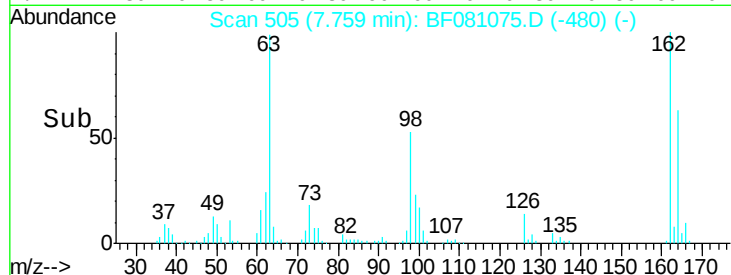
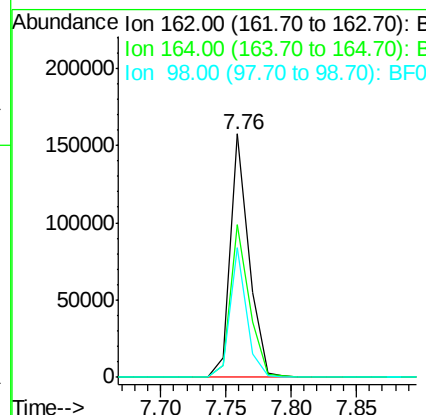
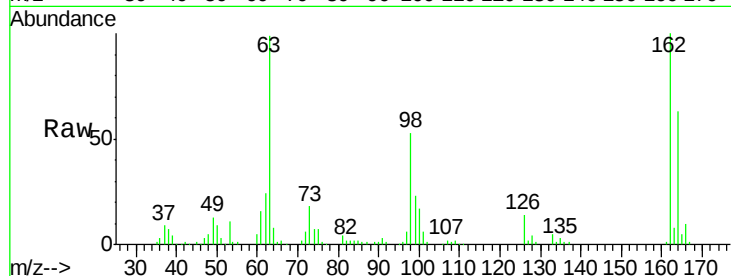
#29
 2,4-Dichlorophenol
 Concen: 39.90 ng
 RT: 7.76 min Scan# 505
 Delta R.T. -0.01 min
 Lab File: BF081075.D
 Acq: 19 Aug 2015 9:33

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

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	62.6	43.2	83.2
98	53.4	12.3	52.3

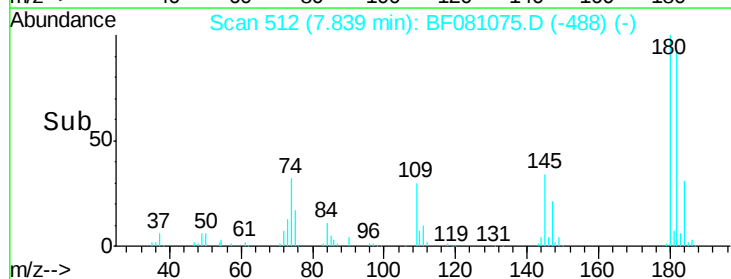
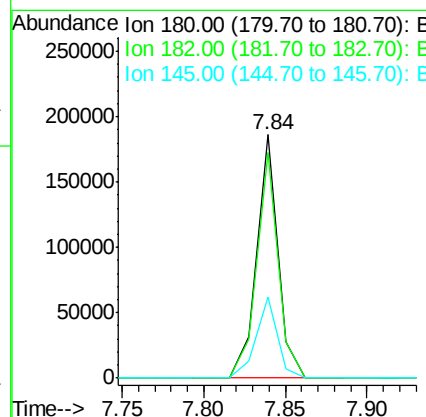
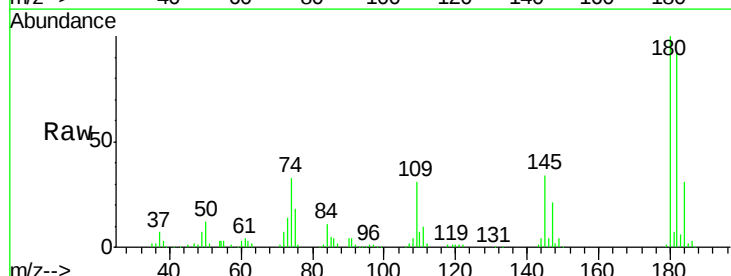
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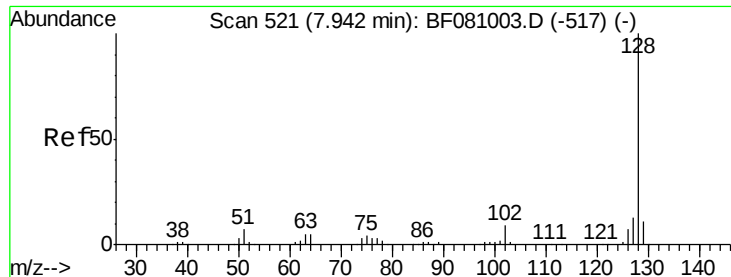
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#30
 1,2,4-Trichlorobenzene
 Concen: 38.51 ng
 RT: 7.84 min Scan# 512
 Delta R.T. -0.02 min
 Lab File: BF081075.D
 Acq: 19 Aug 2015 9:33

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	92.9	76.4	114.6
145	33.5	25.4	38.2





#31

Naphthalene

Concen: 41.27 ng

RT: 7.92 min Scan# 519

Delta R.T. -0.01 min

Lab File: BF081075.D

Acq: 19 Aug 2015 9:33

Instrument :

BNA_F

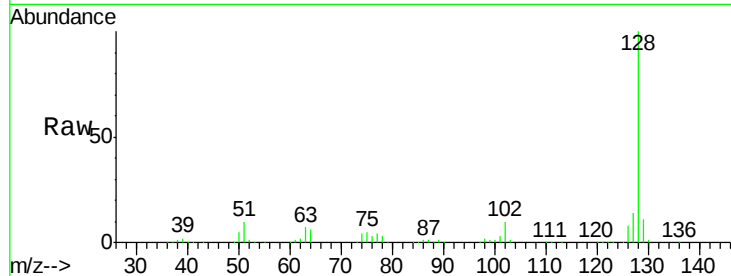
ClientSampleId :

SB04-4.0-5.0-081115MSD

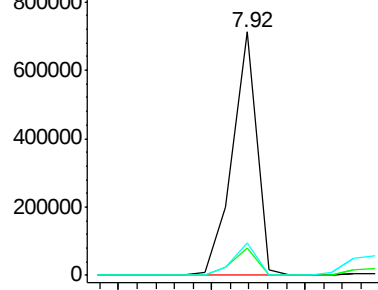
Tot Ion:	128	Resp:	641020
Ion Ratio	Lower	Upper	
128	100		
129	11.2	8.4	12.6
127	13.6	10.6	16.0

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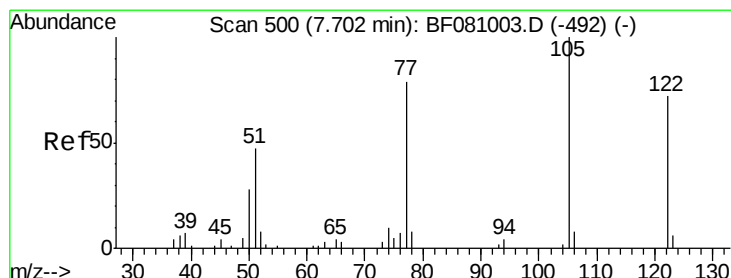
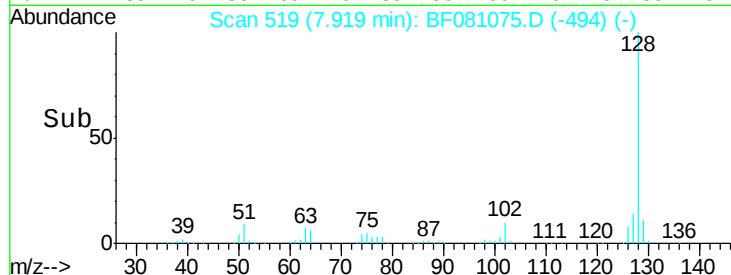
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



Time-->



#32

Benzoic acid

Concen: 2.71 ng

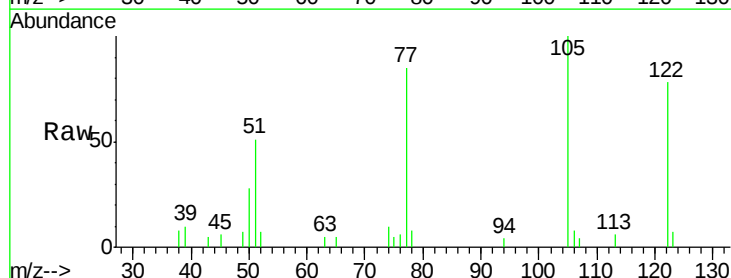
RT: 7.63 min Scan# 494

Delta R.T. -0.02 min

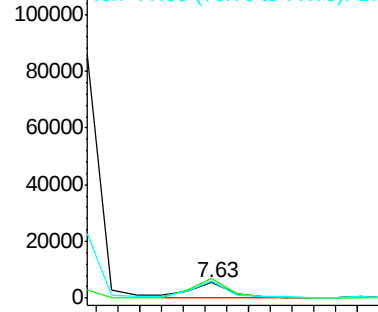
Lab File: BF081075.D

Acq: 19 Aug 2015 9:33

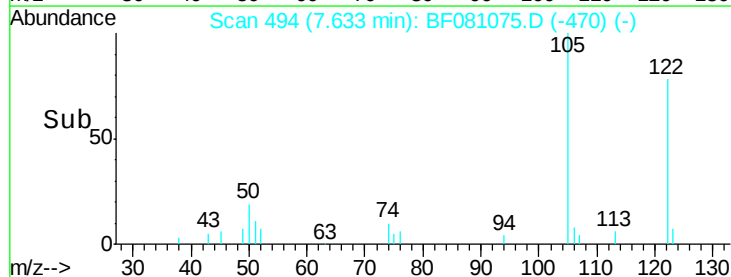
Tgt Ion:	122	Resp:	7141
Ion Ratio	Lower	Upper	
122	100		
105	128.6	113.8	153.8
77	109.6	93.8	133.8

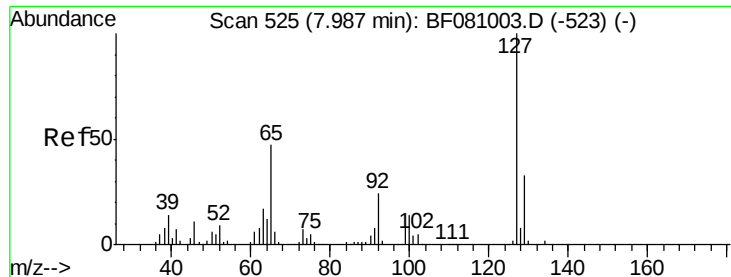


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0



Time-->





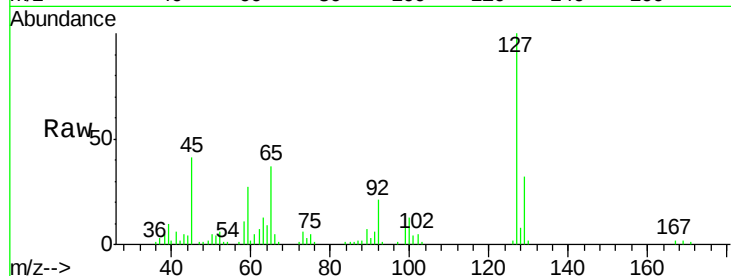
#33
 4-Chloroaniline
 Concen: 14.72 ng
 RT: 7.99 min Scan# 525
 Delta R.T. 0.00 min
 Lab File: BF081075.D
 Acq: 19 Aug 2015 9:33

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

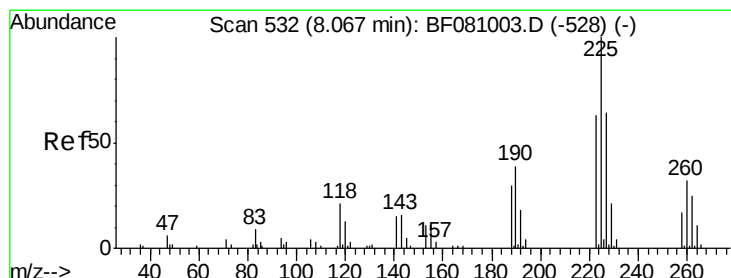
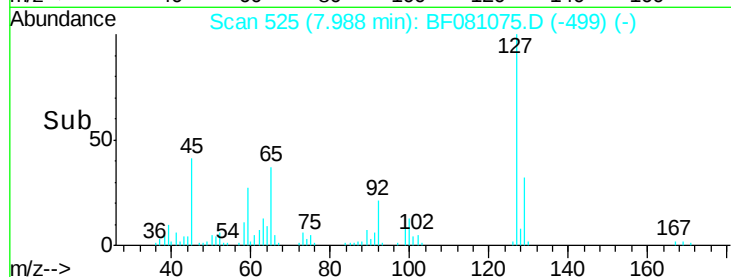
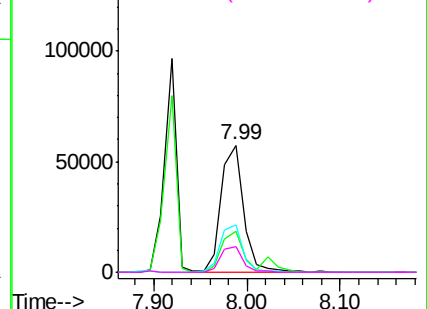
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Tot Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.2	37.8
65	37.0	37.8	56.6
92	20.6	19.5	29.3

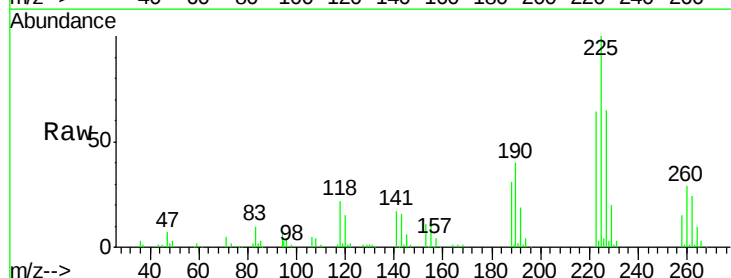


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

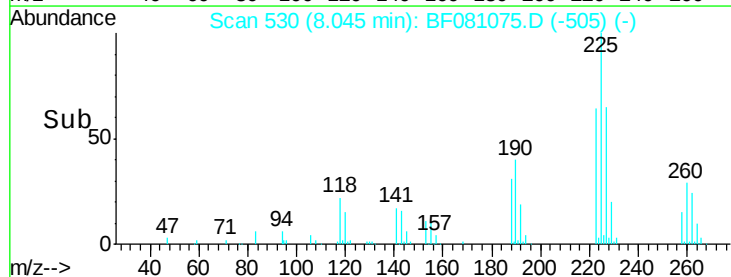
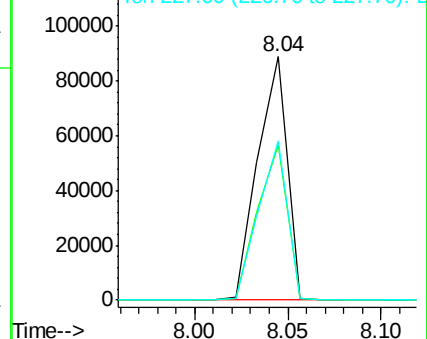


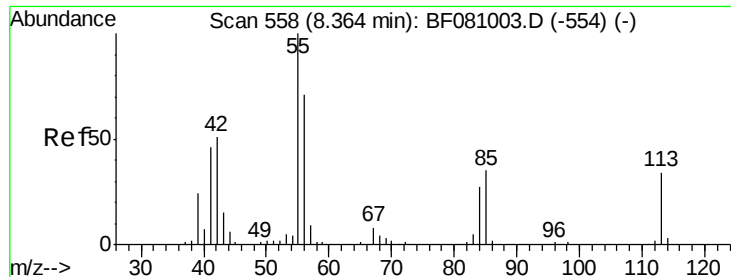
#34
 Hexachlorobutadiene
 Concen: 39.00 ng
 RT: 8.04 min Scan# 530
 Delta R.T. -0.01 min
 Lab File: BF081075.D
 Acq: 19 Aug 2015 9:33

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.5	52.6	79.0
227	65.4	51.1	76.7



Abundance Ion 225.00 (224.70 to 225.70): E
 Ion 223.00 (222.70 to 223.70): E
 Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 47.52 ng/ml

RT: 8.35 min Scan# 557

Delta R.T. 0.02 min

Lab File: BF081075.D

Acq: 19 Aug 2015 9:33

Instrument :

BNA_F

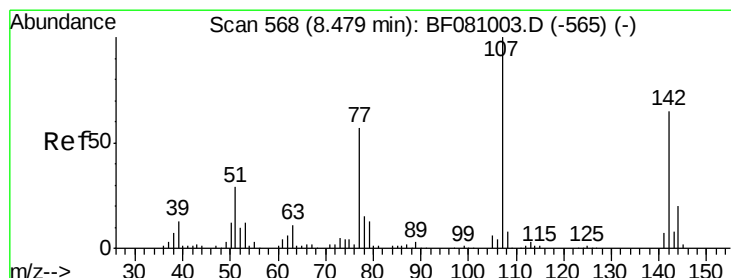
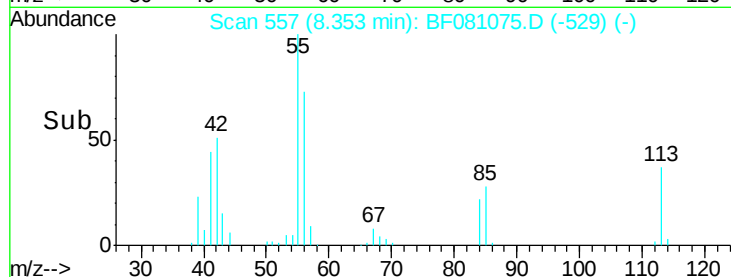
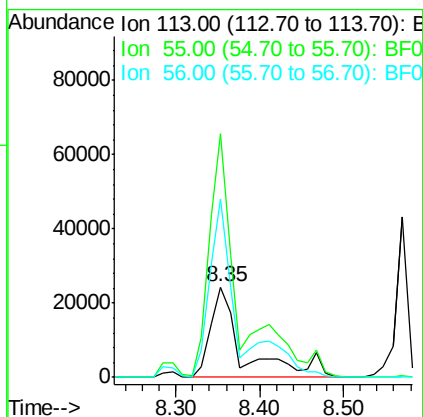
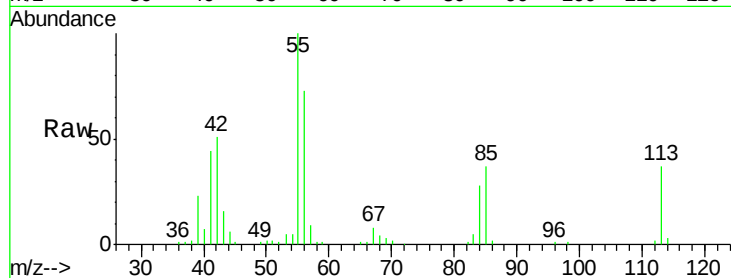
ClientSampleId :

SB04-4.0-5.0-081115MSD

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Tot Ion:	113	Resp:	65623
Ion Ratio	Lower	Upper	
113	100		
55	270.3	280.4	320.4#
56	197.3	205.9	245.9#



#36

4-Chloro-3-methylphenol

Concen: 42.76 ng/ml

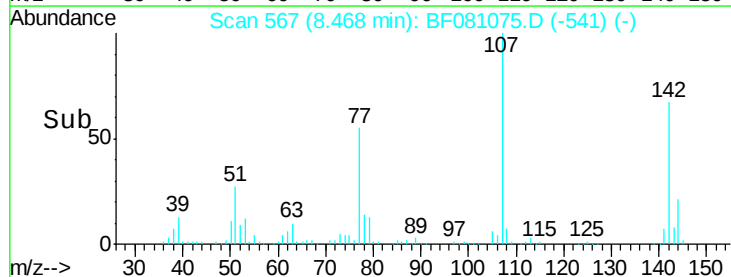
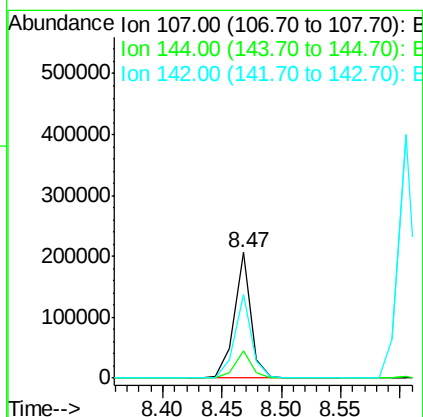
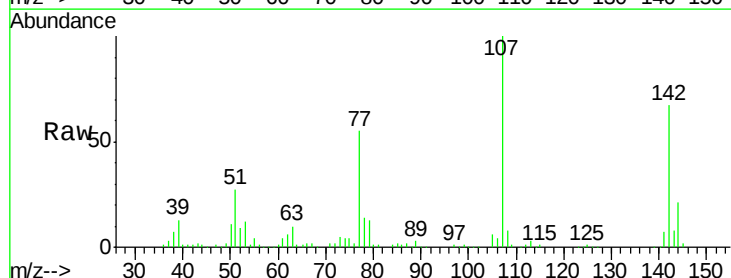
RT: 8.47 min Scan# 567

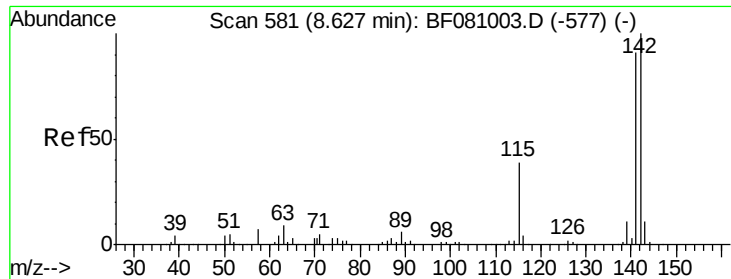
Delta R.T. 0.00 min

Lab File: BF081075.D

Acq: 19 Aug 2015 9:33

Tgt Ion:	107	Resp:	201318
Ion Ratio	Lower	Upper	
107	100		
144	21.3	17.2	25.8
142	66.7	54.9	82.3





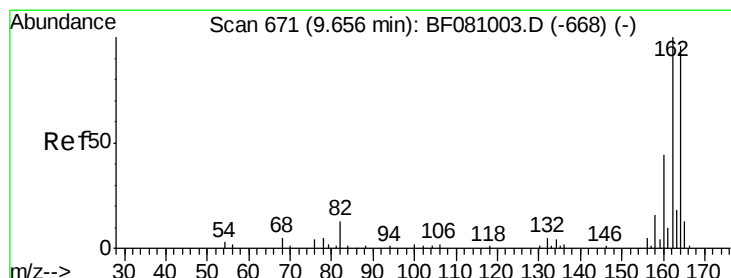
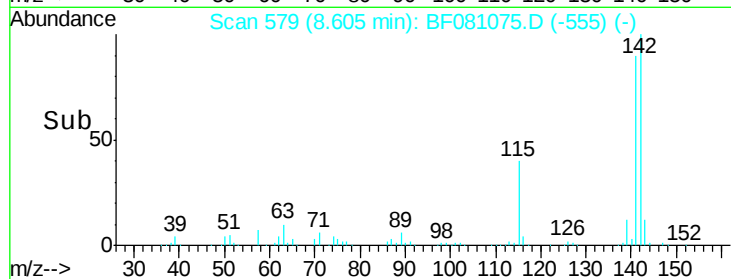
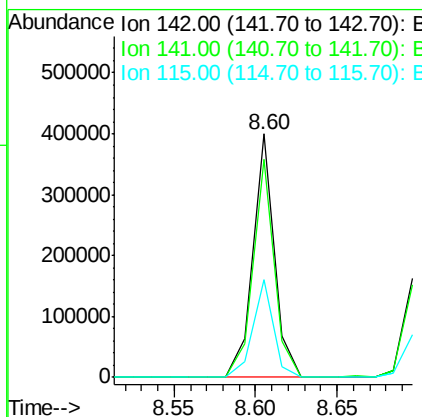
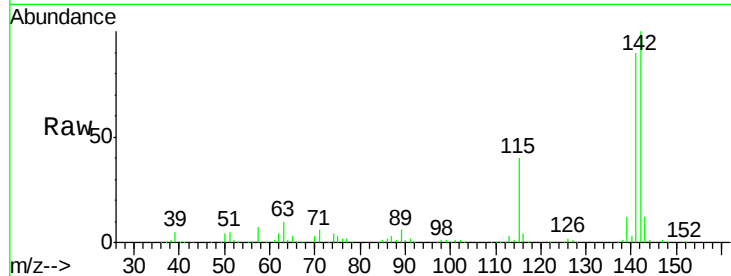
#37
2-Methylnaphthalene
Concen: 37.18 ng
RT: 8.60 min Scan# 579
Delta R.T. -0.02 min
Lab File: BF081075.D
Acq: 19 Aug 2015 9:33

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

Tot Ion	Ratio	Resp	Lower	Upper
142	100	364857		
141	89.8	71.4	107.2	
115	40.3	33.4	50.0	

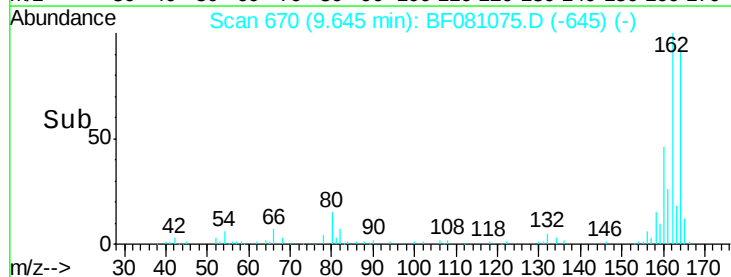
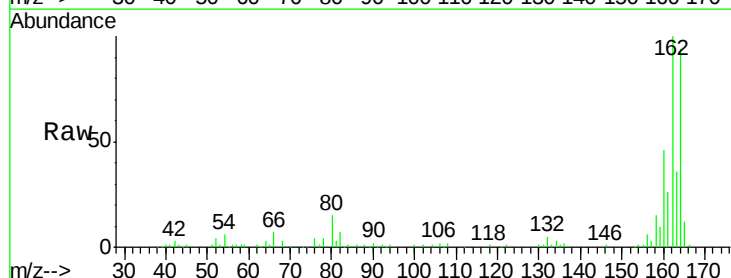
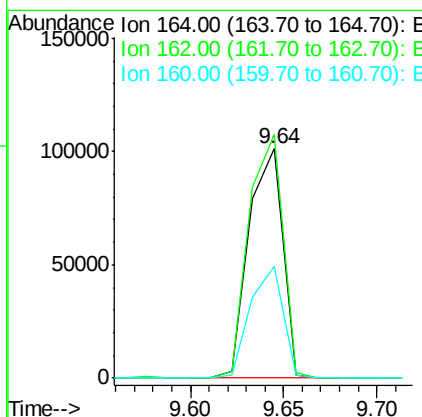
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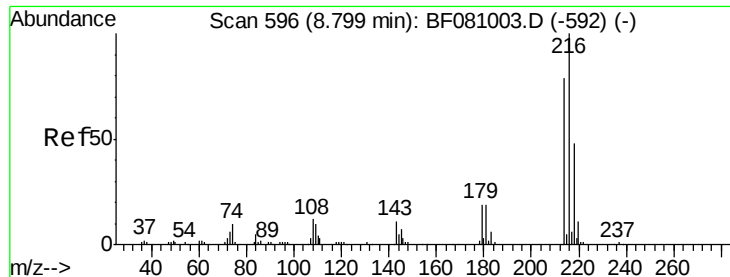
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.64 min Scan# 670
Delta R.T. -0.01 min
Lab File: BF081075.D
Acq: 19 Aug 2015 9:33

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	126612		
162	106.2	83.8	125.8	
160	48.6	39.8	59.8	





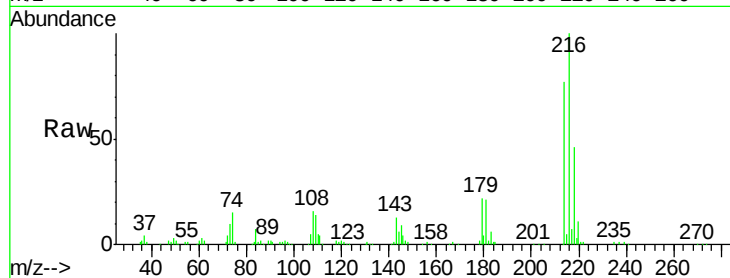
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.84 ng
 RT: 8.78 min Scan# 594
 Delta R.T. -0.01 min
 Lab File: BF081075.D
 Acq: 19 Aug 2015 9:33

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

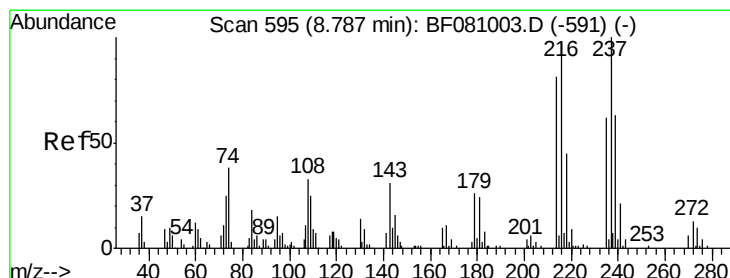
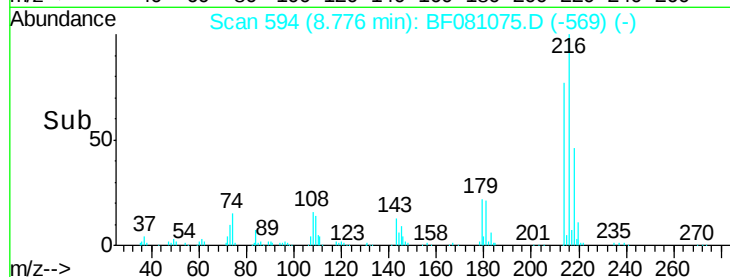
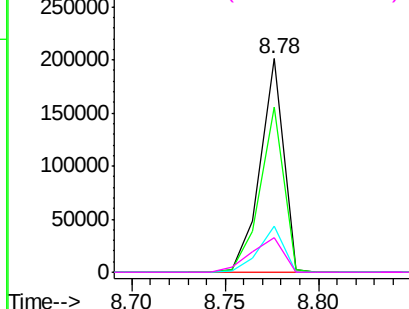
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	78.3	63.8	95.8		
179	22.5	17.8	26.8		
108	21.9	16.2	24.2		

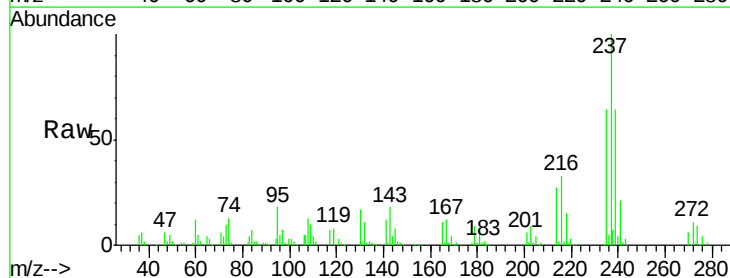


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

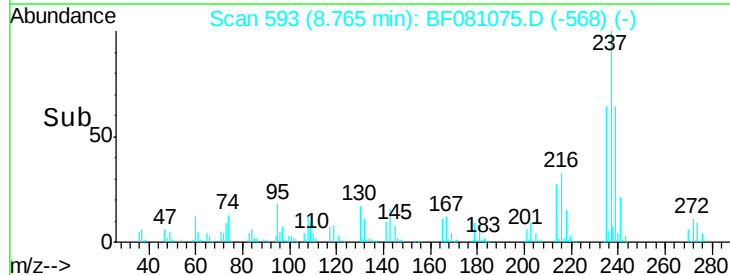
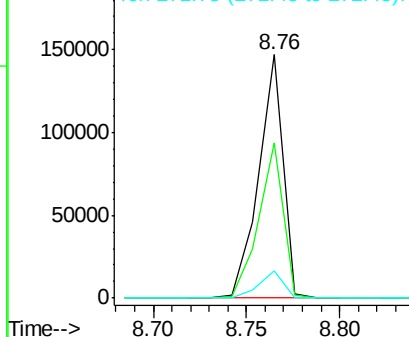


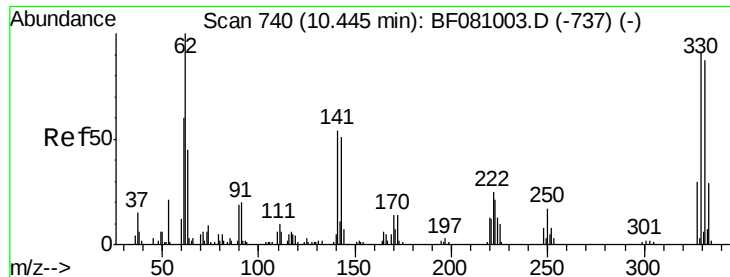
#40
 Hexachlorocyclopentadiene
 Concen: 64.21 ng
 RT: 8.76 min Scan# 593
 Delta R.T. -0.01 min
 Lab File: BF081075.D
 Acq: 19 Aug 2015 9:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	63.9	43.6	83.6		
272	11.1	0.0	32.2		



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





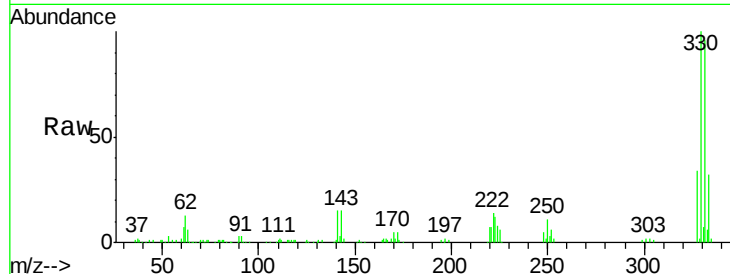
#41
 2,4,6-Tribromophenol
 Concen: 138.48 ng
 RT: 10.43 min Scan# 739
 Delta R.T. -0.01 min
 Lab File: BF081075.D
 Acq: 19 Aug 2015 9:33

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

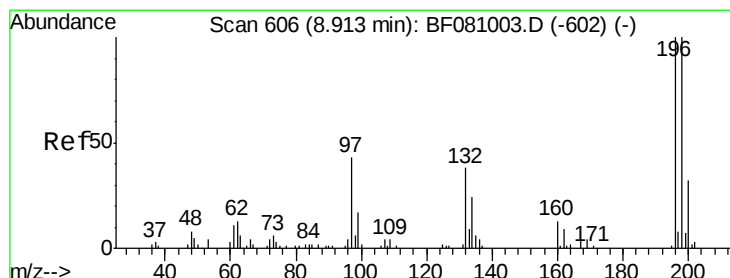
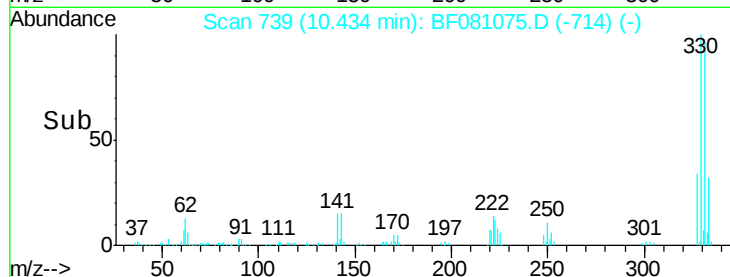
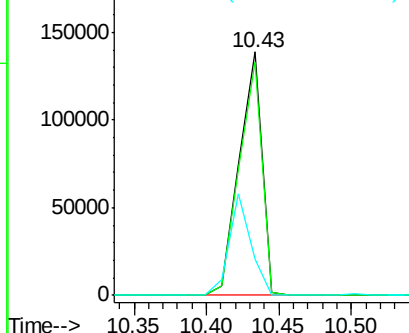
Tot Ion	Ratio	Resp	Lower	Upper
330	100	151986		
332	96.0	77.3	115.9	
141	40.2	44.9	67.3#	

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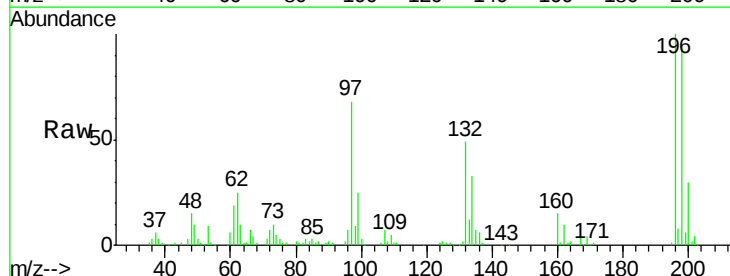


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

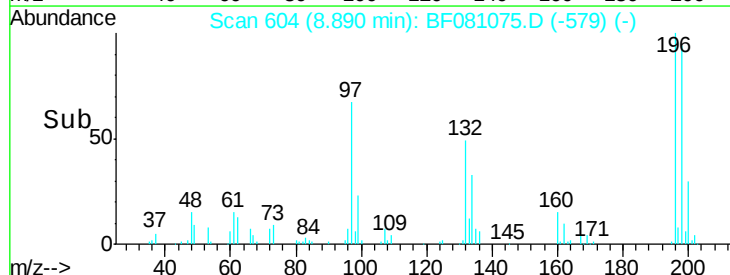
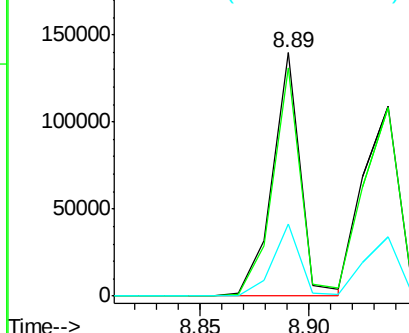


#42
 2,4,6-Trichlorophenol
 Concen: 43.69 ng
 RT: 8.89 min Scan# 604
 Delta R.T. -0.01 min
 Lab File: BF081075.D
 Acq: 19 Aug 2015 9:33

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	126099		
198	93.9	74.6	111.8	
200	29.6	22.7	34.1	



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





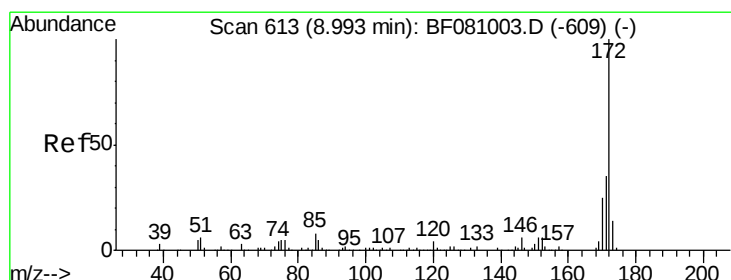
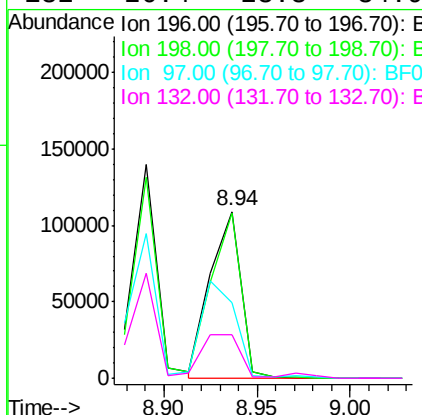
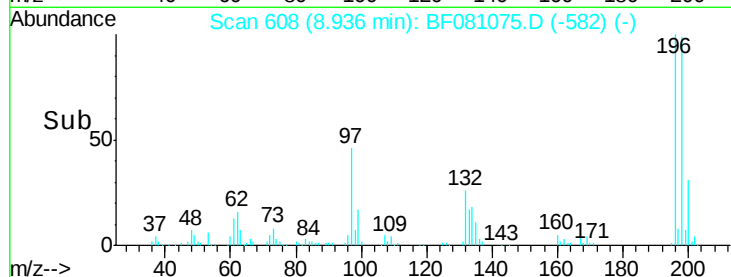
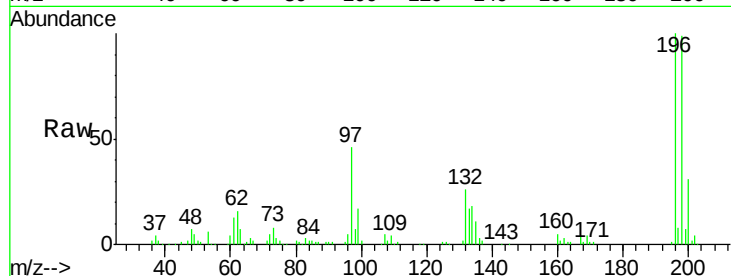
#43
 2,4,5-Trichlorophenol
 Concen: 43.62 ng
 RT: 8.94 min Scan# 608
 Delta R.T. 0.00 min
 Lab File: BF081075.D
 Acq: 19 Aug 2015 9:33

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

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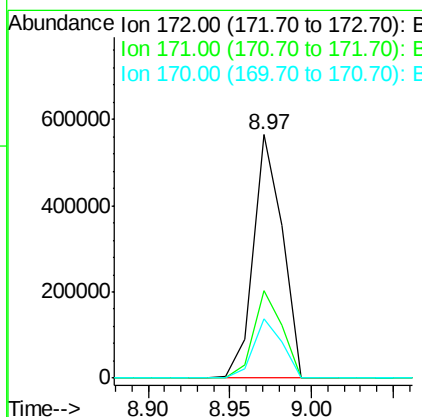
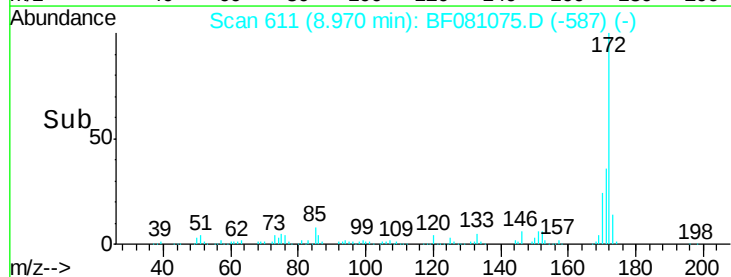
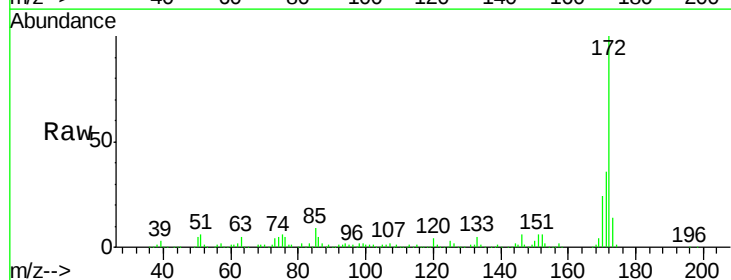
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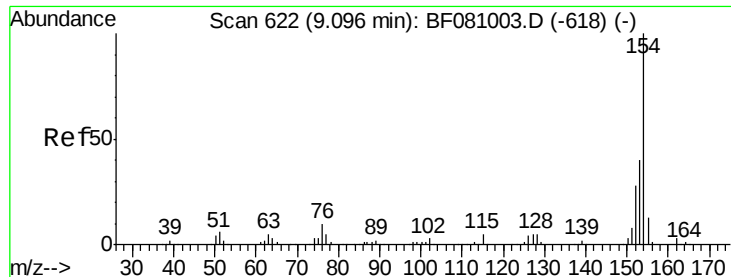
Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		125816		
198	99.3	78.3	117.5		
97	45.6	42.7	64.1		
132	26.4	23.3	34.9		



#44
 2-Fluorobiphenyl
 Concen: 72.02 ng
 RT: 8.97 min Scan# 611
 Delta R.T. -0.02 min
 Lab File: BF081075.D
 Acq: 19 Aug 2015 9:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		695898		
171	36.0	28.9	43.3		
170	24.4	19.4	29.2		





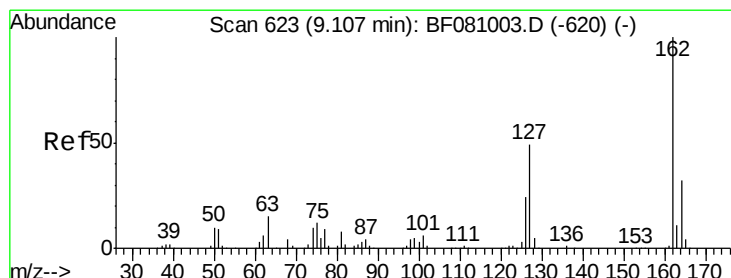
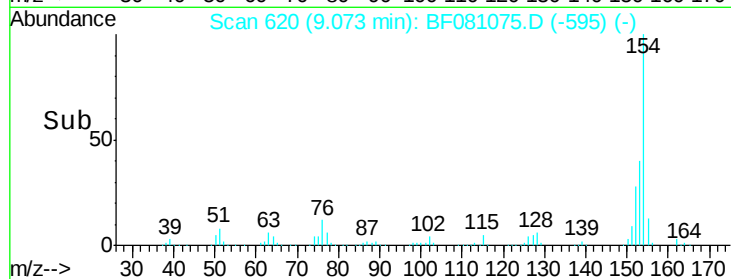
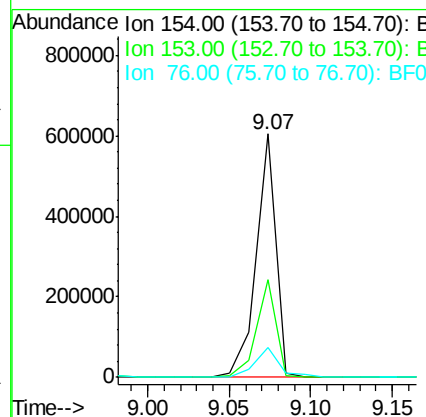
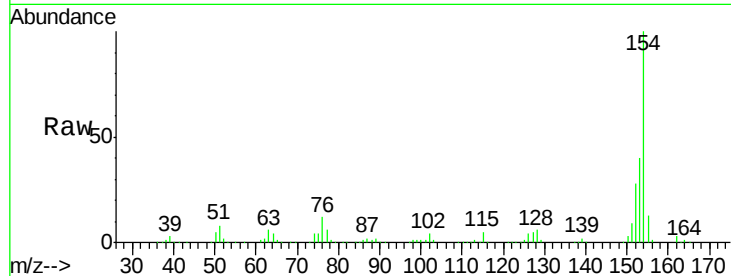
#45
 1,1'-Biphenyl
 Concen: 45.18 ng
 RT: 9.07 min Scan# 620
 Delta R.T. -0.01 min
 Lab File: BF081075.D
 Acq: 19 Aug 2015 9:33

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

Manual Integrations
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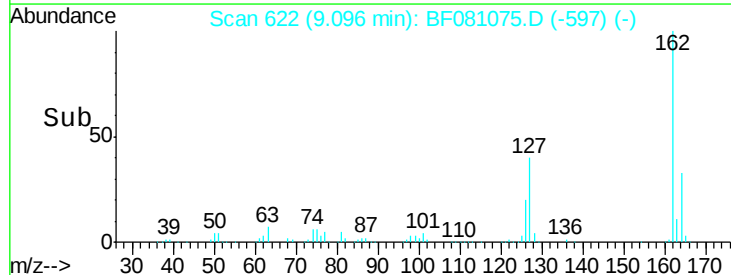
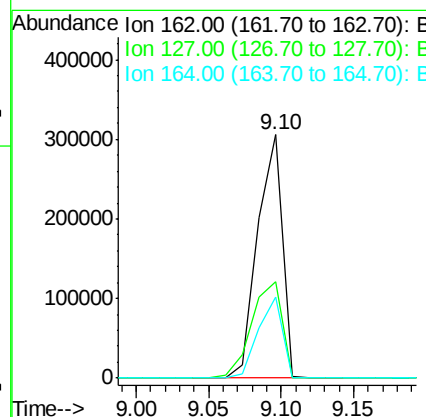
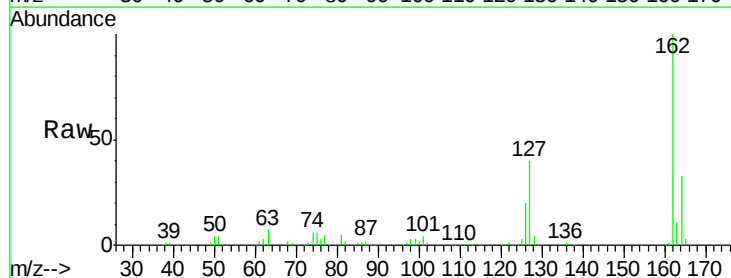
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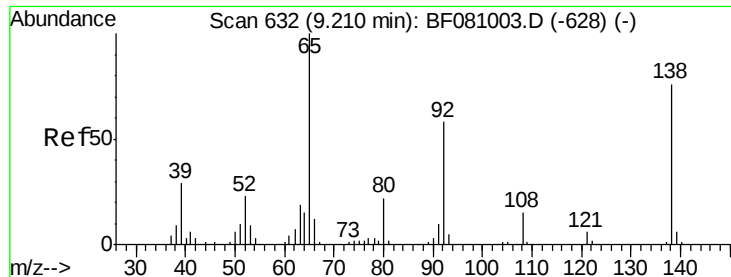
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.4	19.5	59.5
76	12.2	0.0	29.3



#46
 2-Chloronaphthalene
 Concen: 40.36 ng
 RT: 9.10 min Scan# 622
 Delta R.T. -0.01 min
 Lab File: BF081075.D
 Acq: 19 Aug 2015 9:33

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.7	31.3	46.9
164	33.2	26.3	39.5





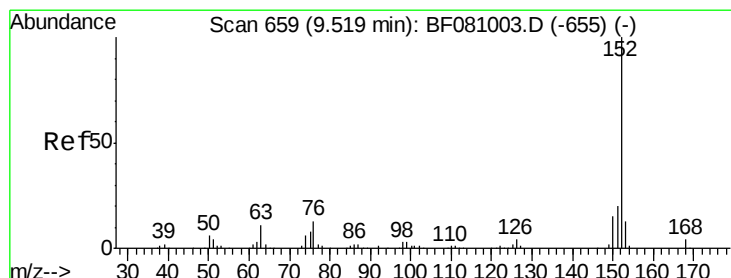
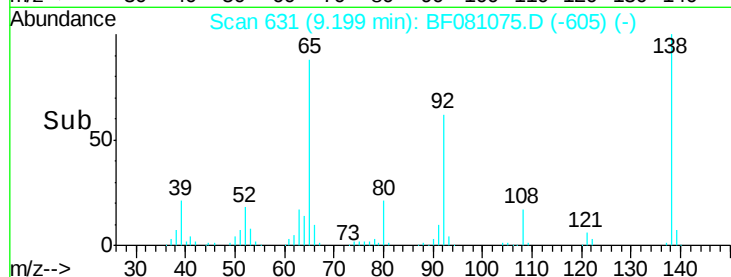
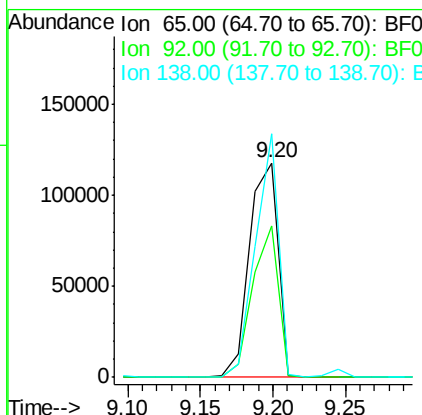
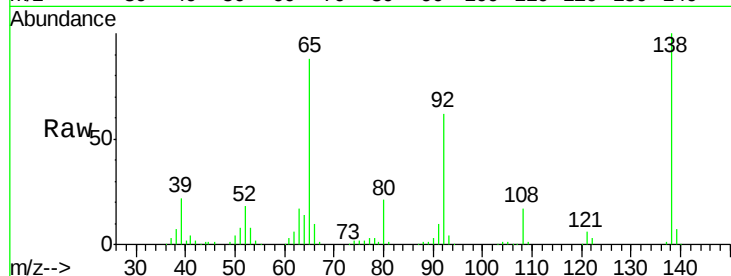
#47
2-Nitroaniline
Concen: 43.93 ng
RT: 9.20 min Scan# 631
Delta R.T. 0.00 min
Lab File: BF081075.D
Acq: 19 Aug 2015 9:33

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

Tot Ion	Ratio	Resp	Lower	Upper
65	100	161053		
92	70.4	45.6	68.4#	
138	113.7	57.9	86.9#	

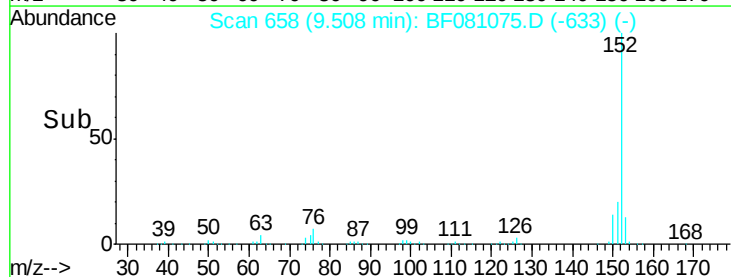
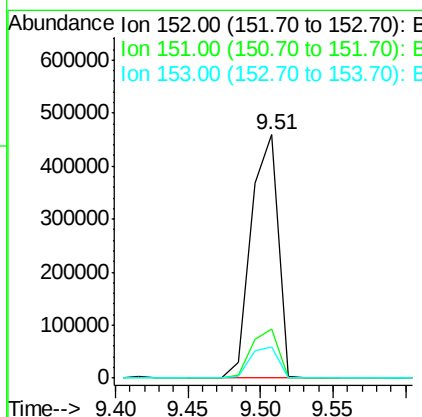
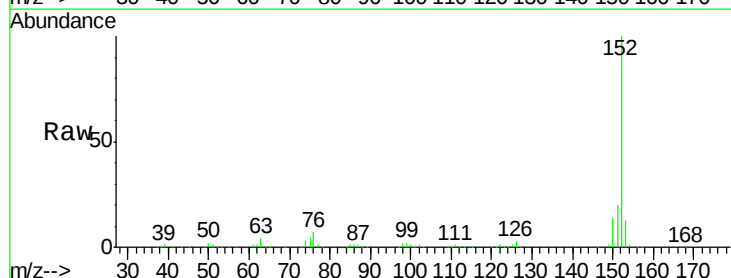
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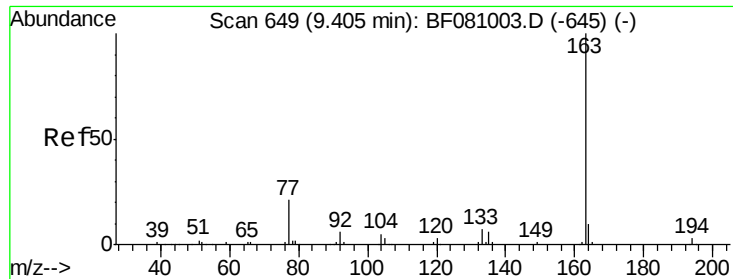
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#48
Acenaphthylene
Concen: 36.83 ng
RT: 9.51 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF081075.D
Acq: 19 Aug 2015 9:33

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	590223		
151	20.2	16.1	24.1	
153	12.6	9.8	14.6	





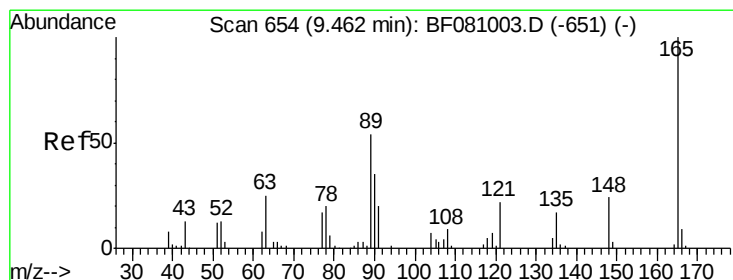
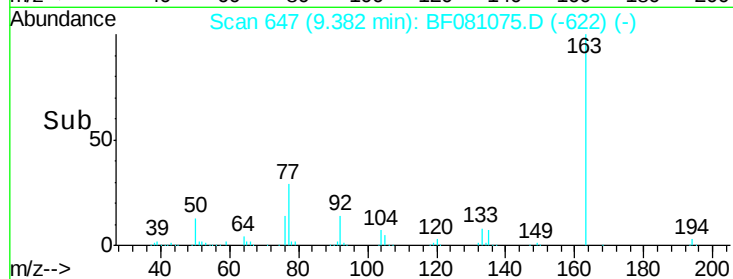
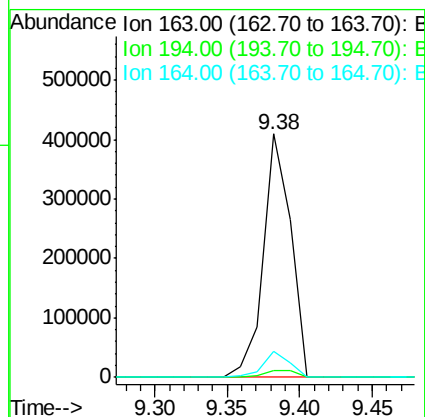
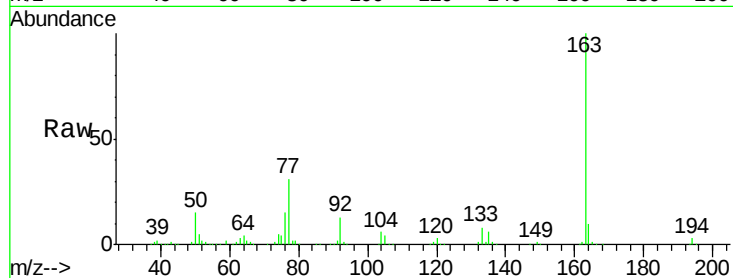
#49
Dimethylphthalate
Concen: 51.35 ng
RT: 9.38 min Scan# 647
Delta R.T. -0.01 min
Lab File: BF081075.D
Acq: 19 Aug 2015 9:33

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

Tot Ion	Ratio	Resp	Lower	Upper
163	100	535481		
194	3.0		2.5	3.7
164	10.4		8.1	12.1

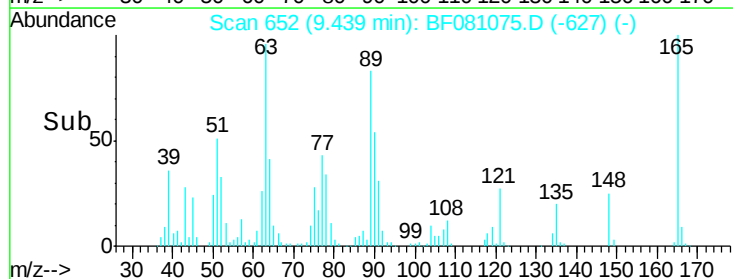
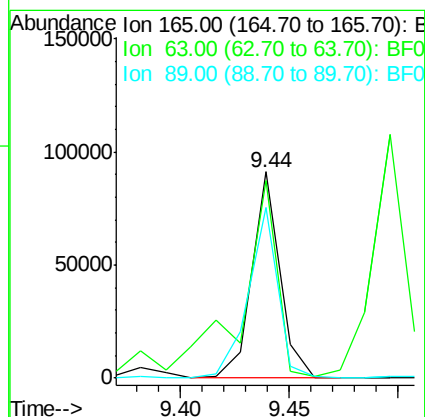
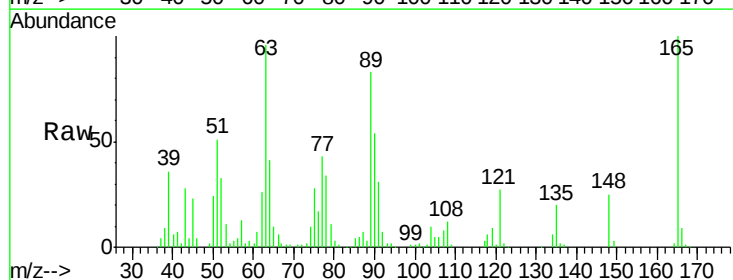
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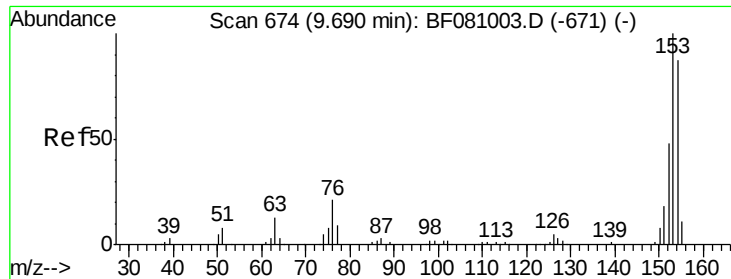
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#50
2,6-Dinitrotoluene
Concen: 36.18 ng
RT: 9.44 min Scan# 652
Delta R.T. -0.01 min
Lab File: BF081075.D
Acq: 19 Aug 2015 9:33

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	80994		
63	95.7		49.5	74.3#
89	82.6		47.6	71.4#





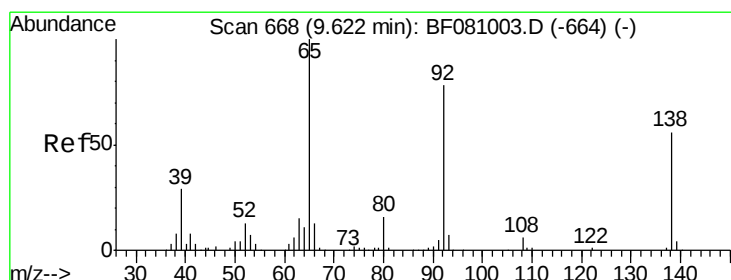
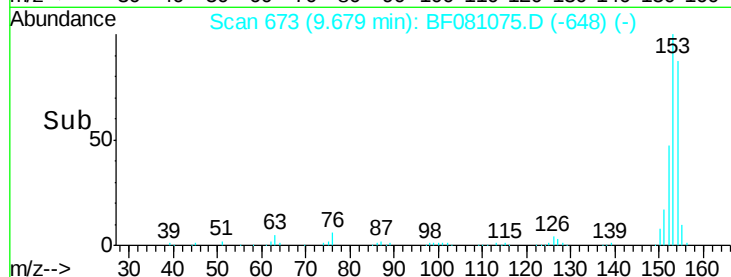
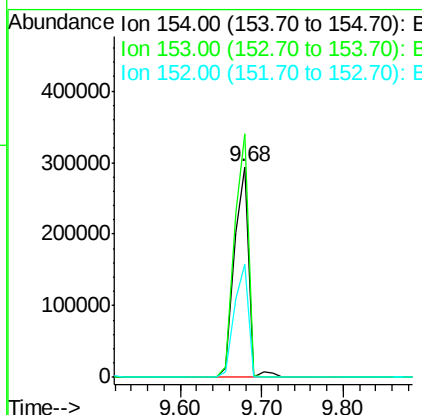
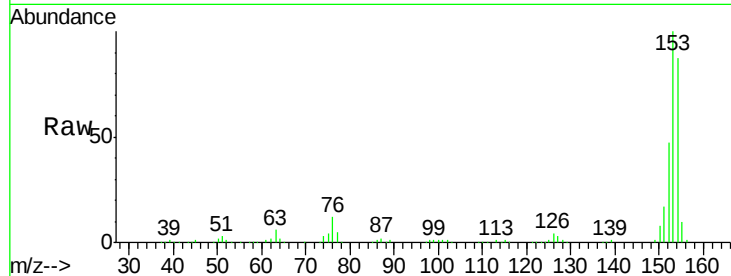
#51
Acenaphthene
Concen: 37.80 ng
RT: 9.68 min Scan# 673
Delta R.T. -0.01 min
Lab File: BF081075.D
Acq: 19 Aug 2015 9:33

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

Tot Ion	Ratio	Lower	Upper
154	100		
153	115.6	91.4	137.2
152	53.8	43.7	65.5

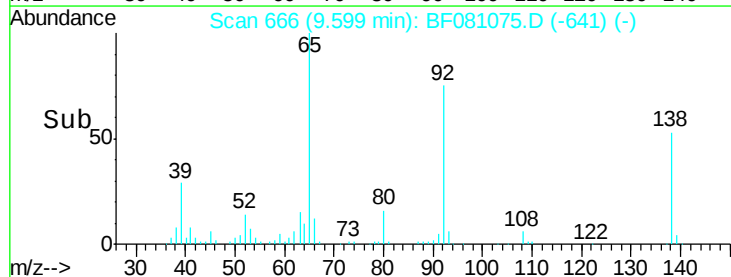
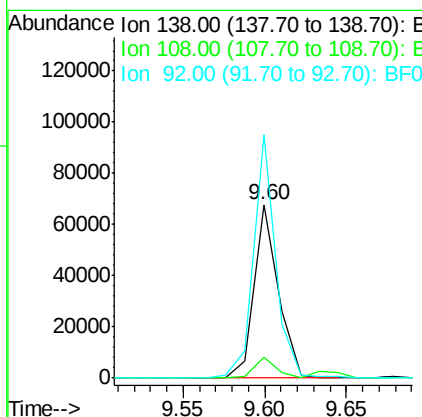
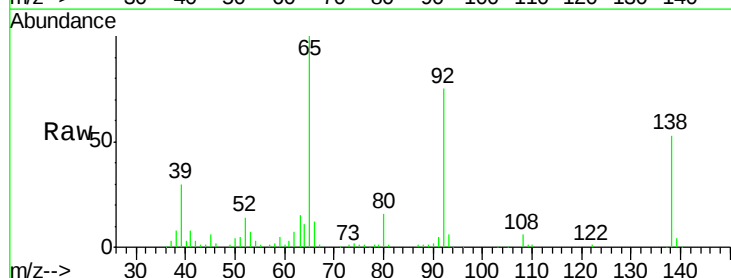
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#52
3-Nitroaniline
Concen: 25.02 ng
RT: 9.60 min Scan# 666
Delta R.T. -0.01 min
Lab File: BF081075.D
Acq: 19 Aug 2015 9:33

Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.8	9.4	14.2
92	140.5	113.2	169.8





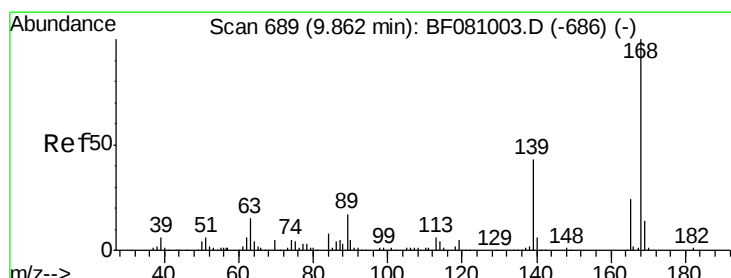
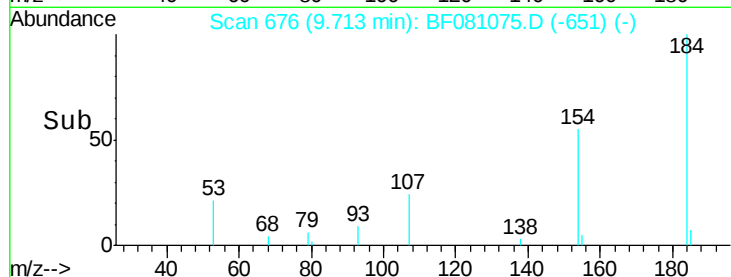
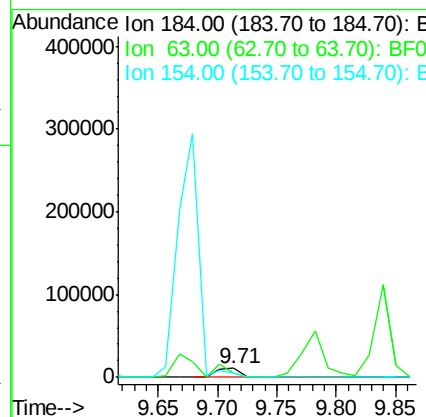
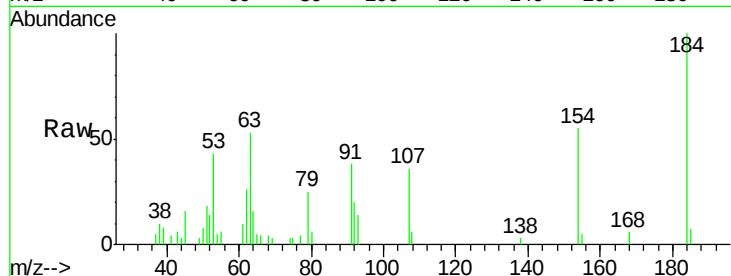
#53
2,4-Dinitrophenol
Concen: 17.68 ng
RT: 9.71 min Scan# 676
Delta R.T. -0.01 min
Lab File: BF081075.D
Acq: 19 Aug 2015 9:33

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

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	52.9	101.7	152.5#	
154	55.3	67.4	101.0#	

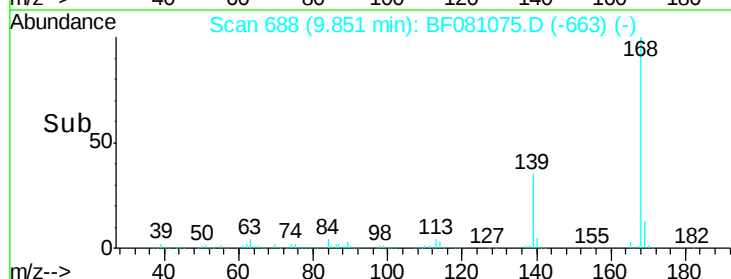
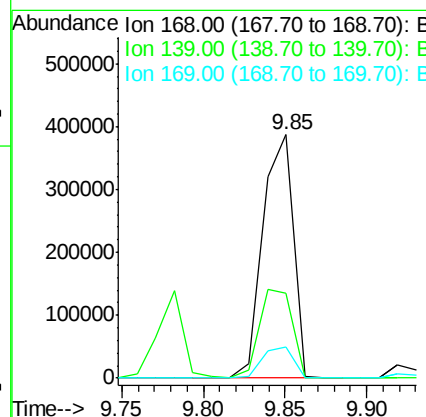
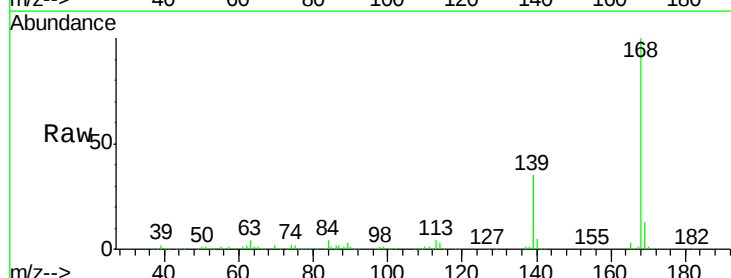
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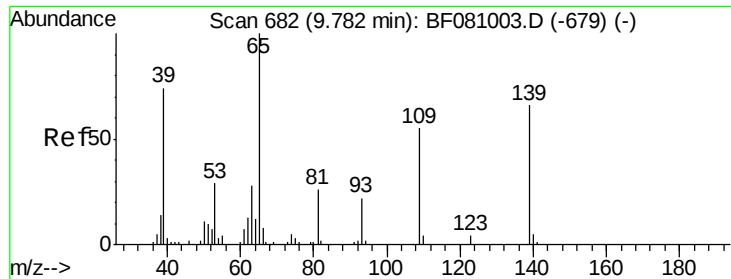
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#54
Dibenzofuran
Concen: 39.20 ng
RT: 9.85 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF081075.D
Acq: 19 Aug 2015 9:33

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	35.0	29.3	43.9	
169	12.8	10.3	15.5	





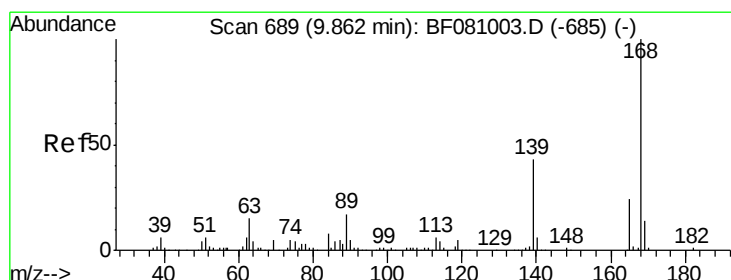
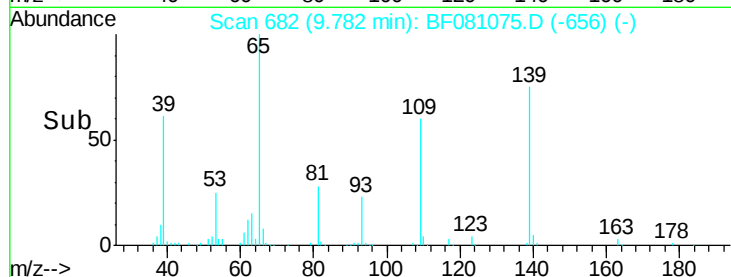
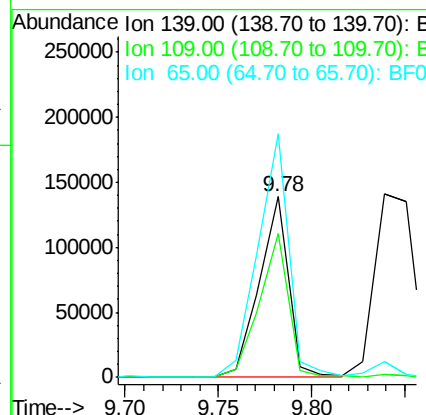
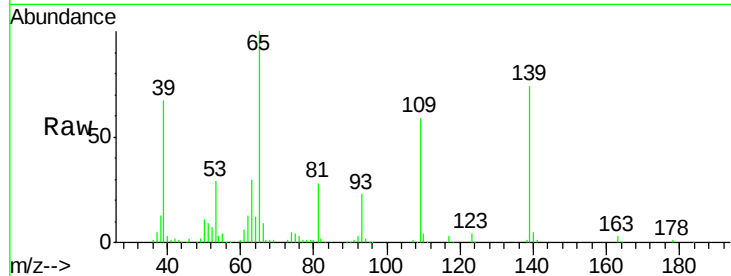
#55
4-Nitrophenol
Concen: 76.57 ng
RT: 9.78 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF081075.D
Acq: 19 Aug 2015 9:33

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

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	79.7	80.0	120.0#	
65	134.8	138.3	178.3#	

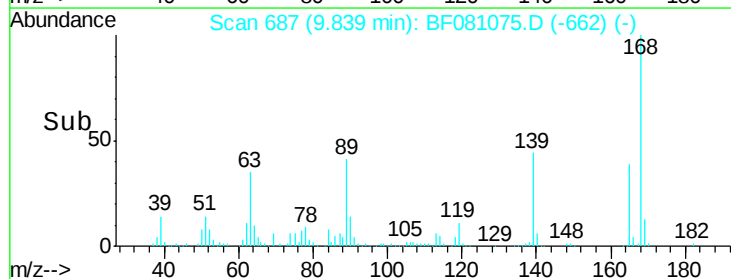
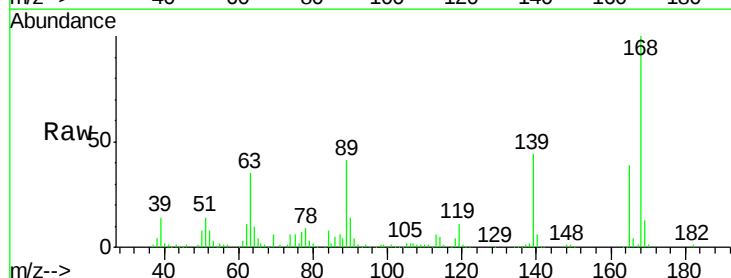
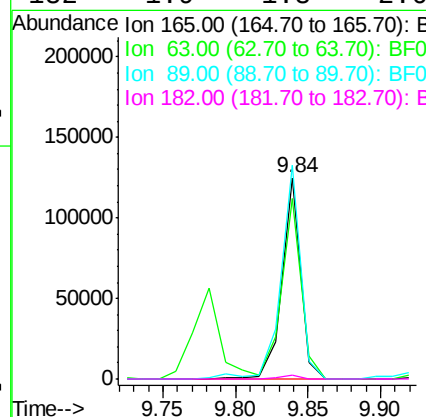
Manual Integrations
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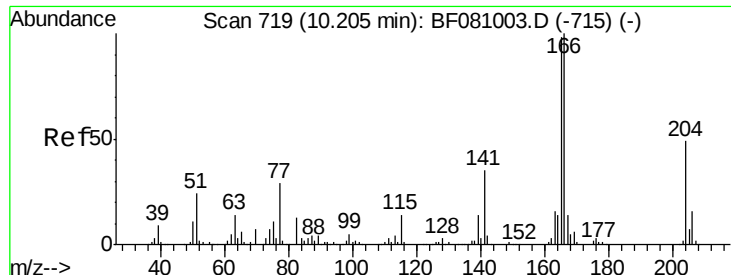
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#56
2,4-Dinitrotoluene
Concen: 37.19 ng
RT: 9.84 min Scan# 687
Delta R.T. -0.01 min
Lab File: BF081075.D
Acq: 19 Aug 2015 9:33

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	90.1	52.2	78.4#	
89	106.3	60.1	90.1#	
182	1.9	1.8	2.6	





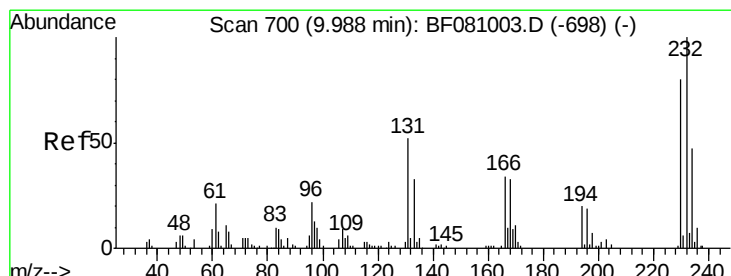
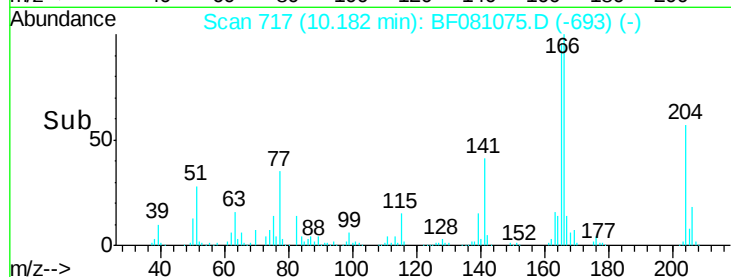
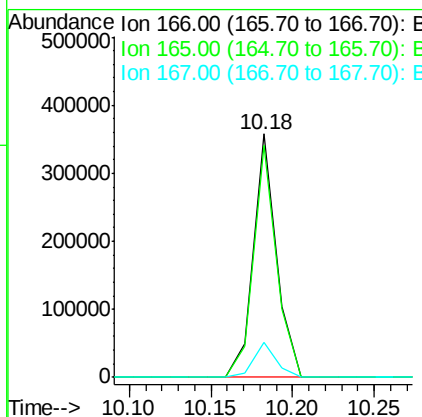
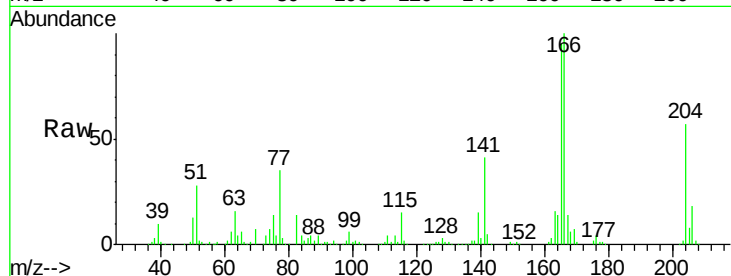
#57
 Fluorene
 Concen: 35.53 ng
 RT: 10.18 min Scan# 717
 Delta R.T. -0.02 min
 Lab File: BF081075.D
 Acq: 19 Aug 2015 9:33

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

Tot Ion	Ratio	Resp	Lower	Upper
166	100	351418		
165	95.4	75.8	113.8	
167	14.4	11.3	16.9	

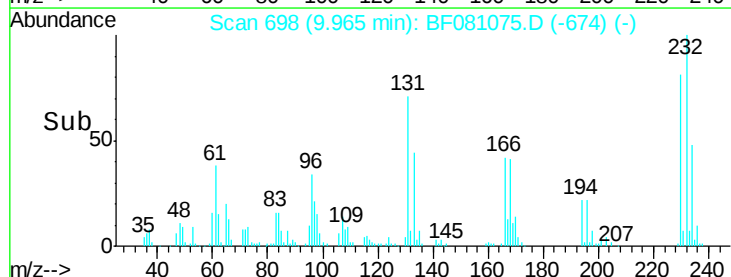
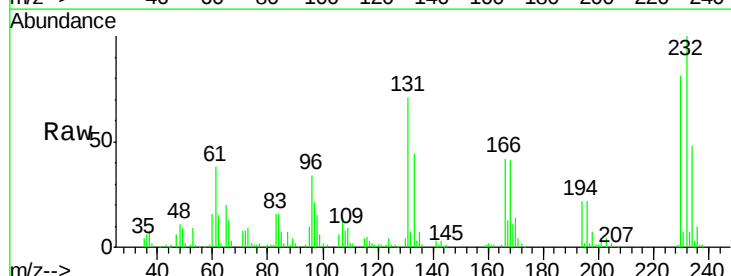
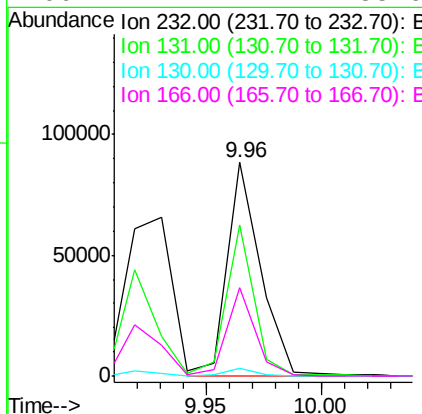
Manual Integrations
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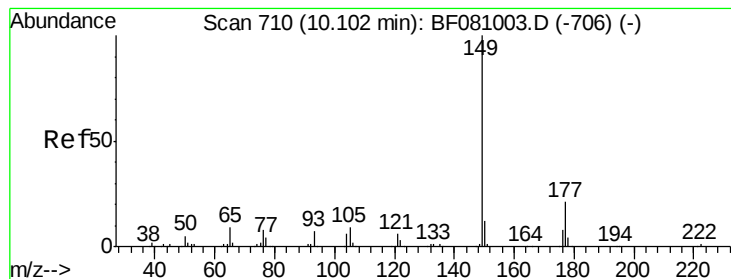
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 39.71 ng m
 RT: 9.96 min Scan# 698
 Delta R.T. -0.02 min
 Lab File: BF081075.D
 Acq: 19 Aug 2015 9:33

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	88652		
131	49.1	42.2	63.4	
130	2.4	2.1	3.1	
166	27.1	22.4	33.6	





#59

Diethylphthalate

Concen: 39.02 ng

RT: 10.08 min Scan# 708

Delta R.T. -0.01 min

Lab File: BF081075.D

Acq: 19 Aug 2015 9:33

Instrument :

BNA_F

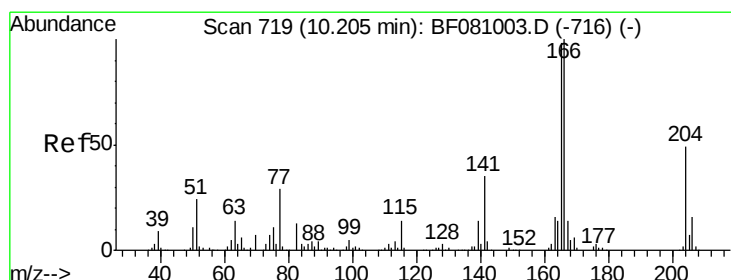
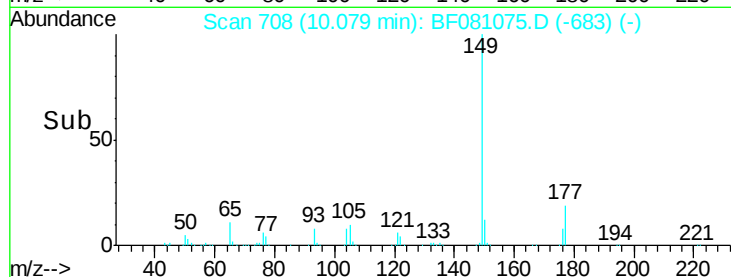
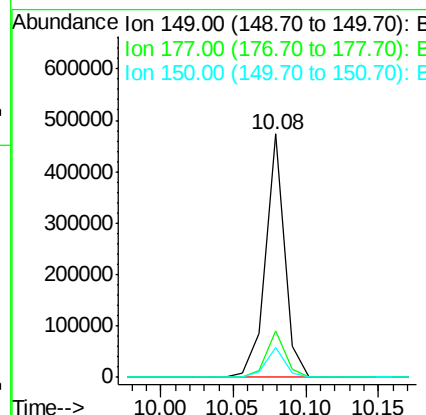
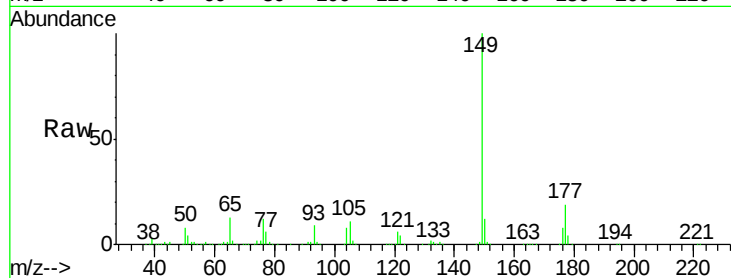
ClientSampleId :

SB04-4.0-5.0-081115MSD

Tot Ion:	149	Resp:	430662
Ion Ratio		Lower	Upper
149	100		
177	19.0	14.1	21.1
150	12.5	10.3	15.5

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#60

4-Chlorophenyl-phenylether

Concen: 39.88 ng

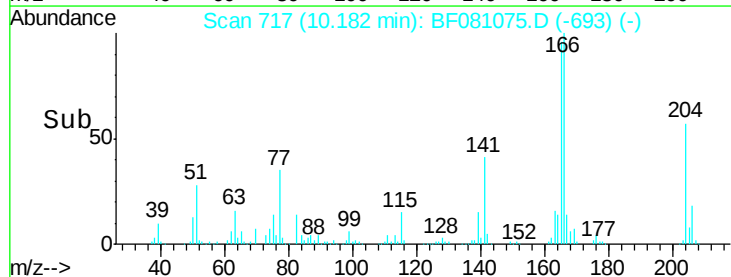
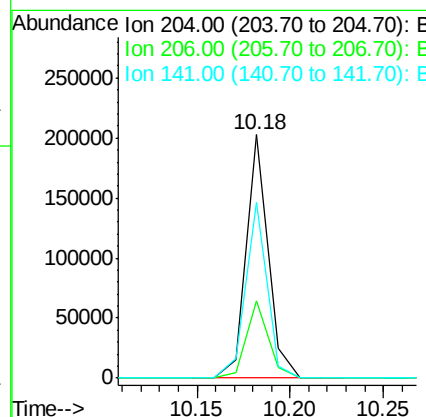
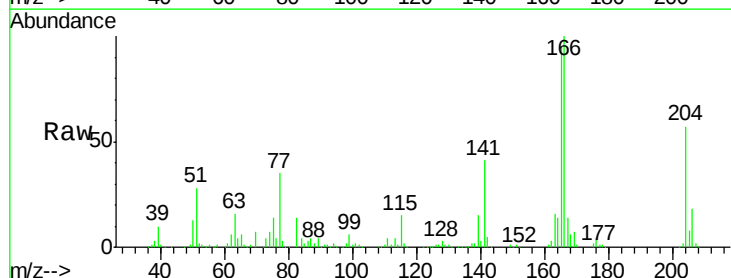
RT: 10.18 min Scan# 717

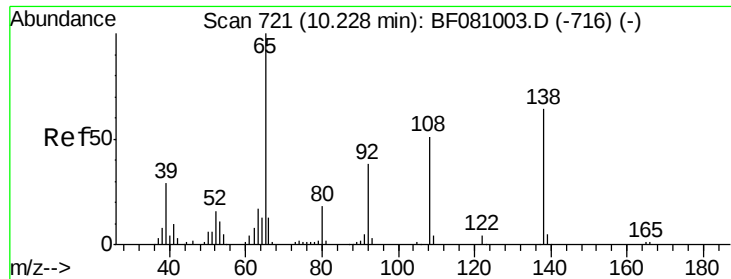
Delta R.T. -0.02 min

Lab File: BF081075.D

Acq: 19 Aug 2015 9:33

Tgt Ion:	204	Resp:	166920
Ion Ratio		Lower	Upper
204	100		
206	31.6	26.2	39.2
141	72.4	59.6	89.4





#61

4-Nitroaniline

Concen: 33.53 ng

RT: 10.22 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF081075.D

Acq: 19 Aug 2015 9:33

Instrument :

BNA_F

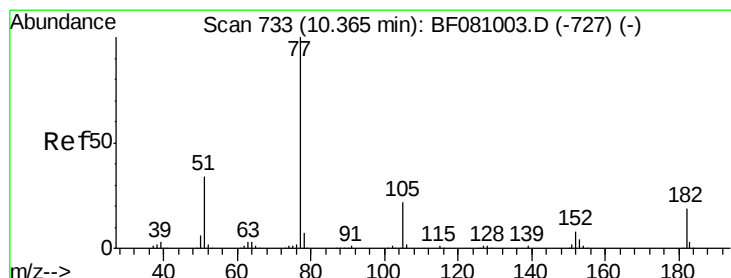
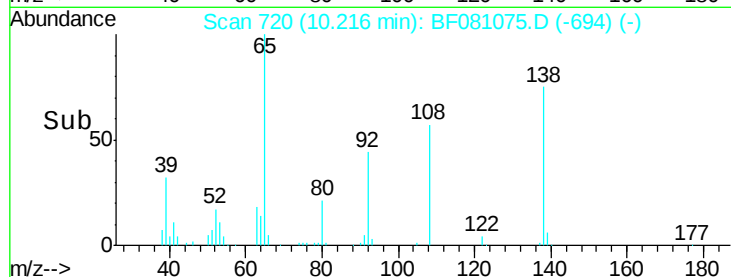
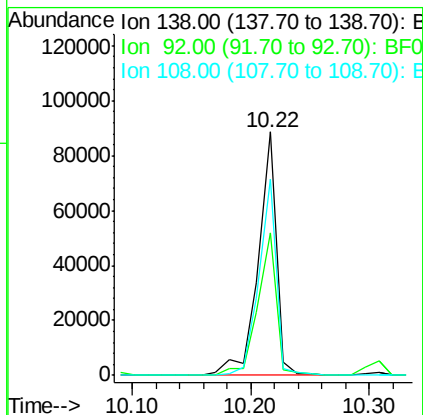
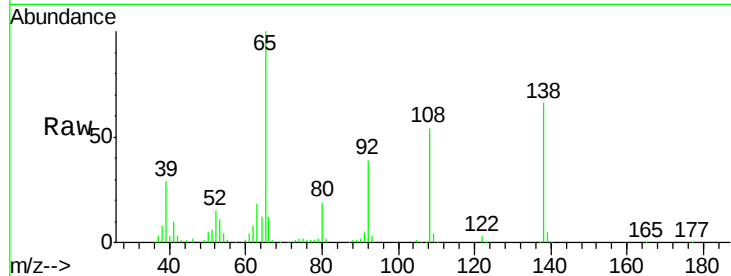
ClientSampleId :

SB04-4.0-5.0-081115MSD

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Tot Ion:	138	Resp:	96012
Ion Ratio	Lower	Upper	
138	100		
92	58.8	34.7	74.7
108	80.7	68.9	108.9



#62

Azobenzene

Concen: 43.57 ng

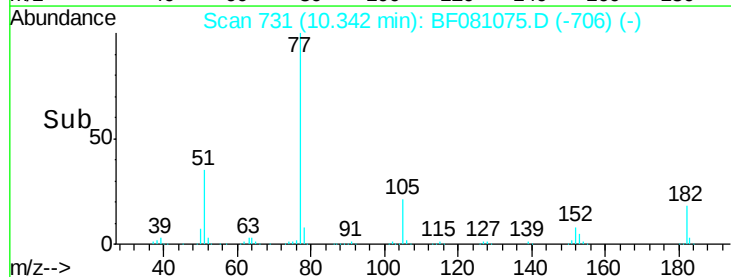
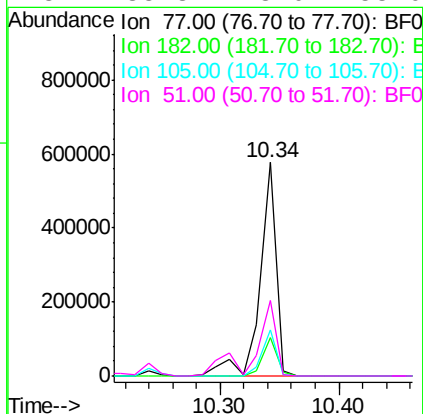
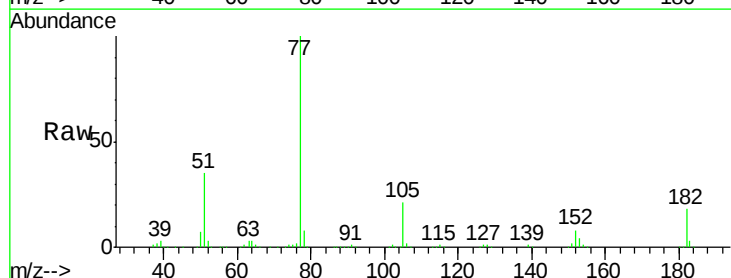
RT: 10.34 min Scan# 731

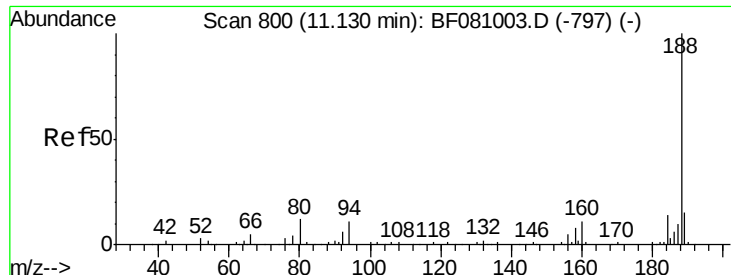
Delta R.T. -0.01 min

Lab File: BF081075.D

Acq: 19 Aug 2015 9:33

Tgt Ion:	77	Resp:	554098
Ion Ratio	Lower	Upper	
77	100		
182	18.0	0.0	39.0
105	21.5	0.2	40.2
51	35.3	18.0	58.0





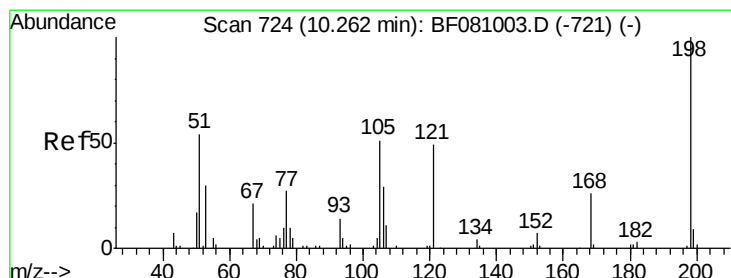
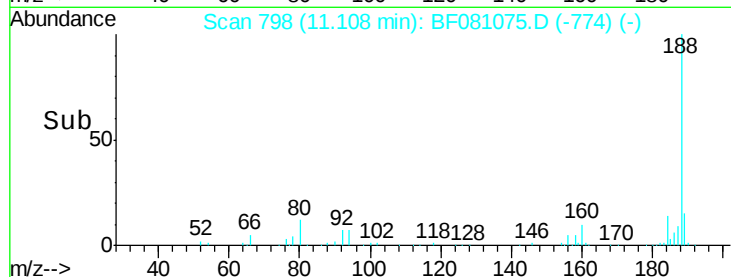
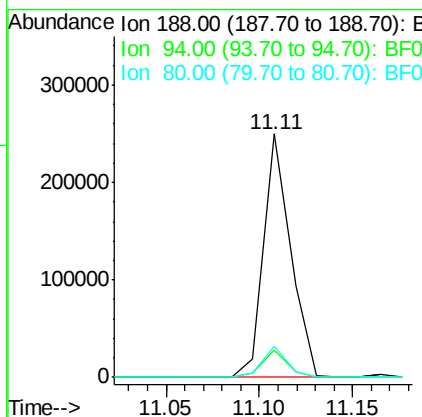
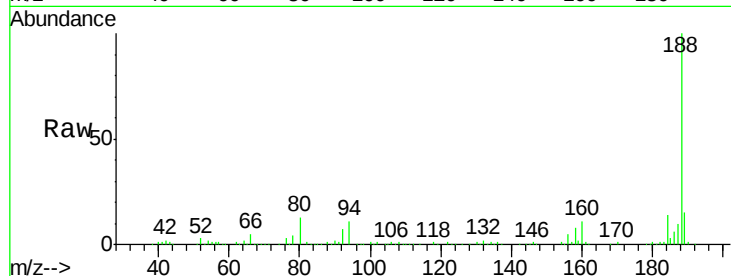
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.11 min Scan# 798
Delta R.T. -0.02 min
Lab File: BF081075.D
Acq: 19 Aug 2015 9:33

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

Tot Ion	Ratio	Resp	Lower	Upper
188	100	250111		
94	11.1	8.2	12.2	
80	12.8	9.5	14.3	

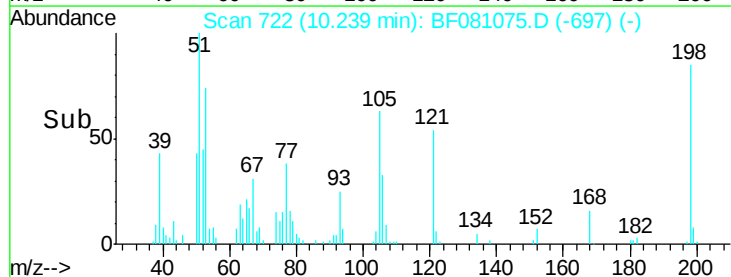
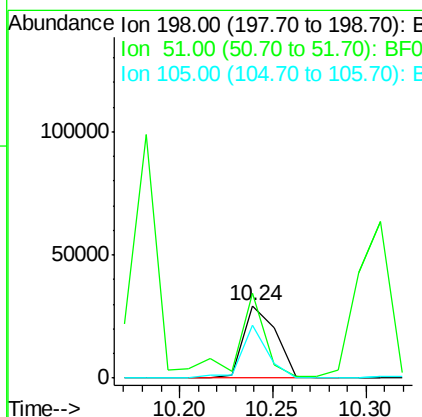
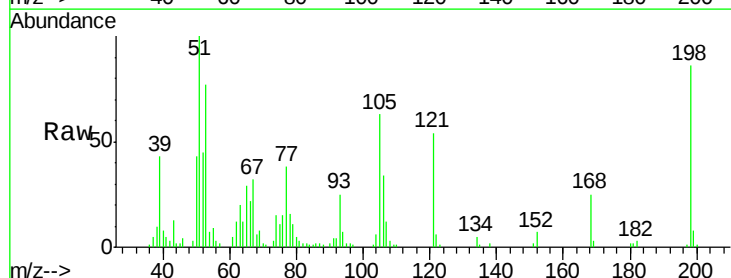
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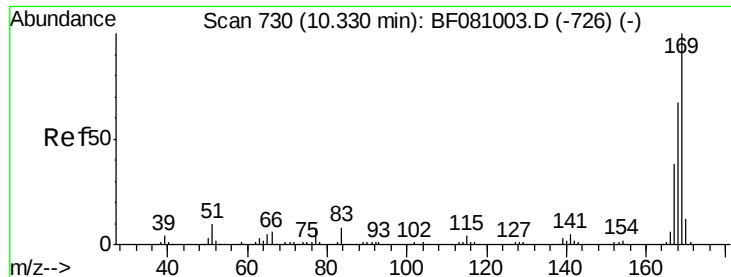
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#64
4,6-Dinitro-2-methylphenol
Concen: 23.78 ng
RT: 10.24 min Scan# 722
Delta R.T. -0.01 min
Lab File: BF081075.D
Acq: 19 Aug 2015 9:33

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	35521		
51	116.0	79.7	119.7	
105	72.6	47.0	87.0	





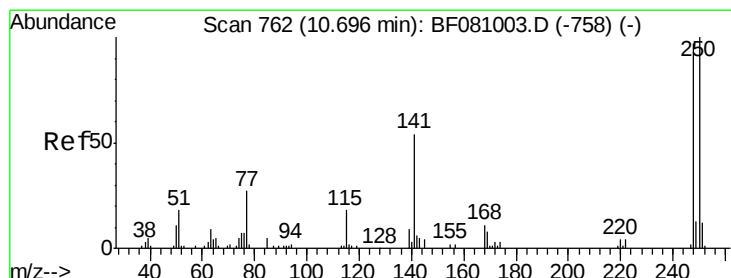
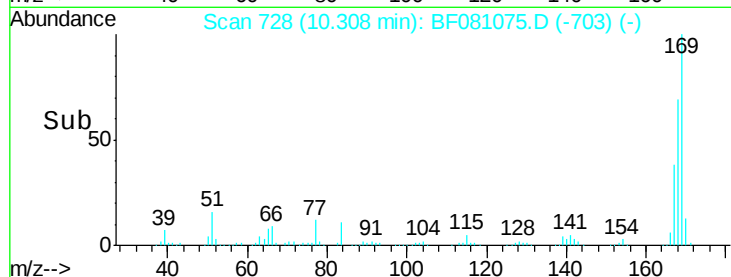
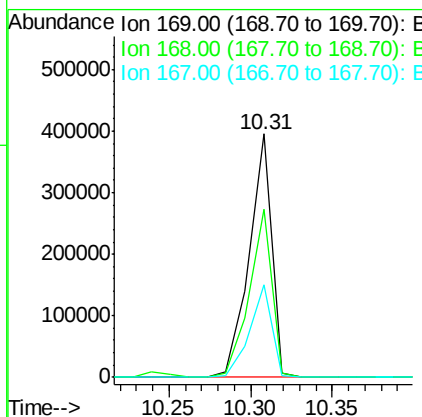
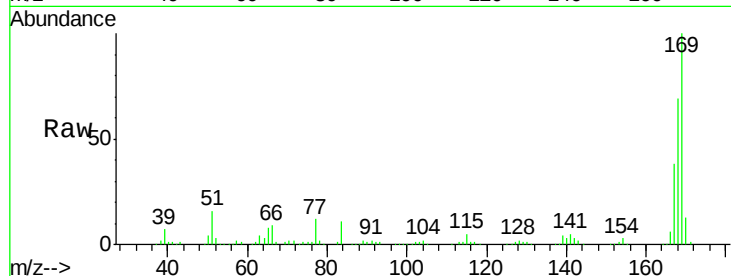
#65
 n-Nitrosodiphenylamine
 Concen: 42.35 ng
 RT: 10.31 min Scan# 728
 Delta R.T. -0.01 min
 Lab File: BF081075.D
 Acq: 19 Aug 2015 9:33

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

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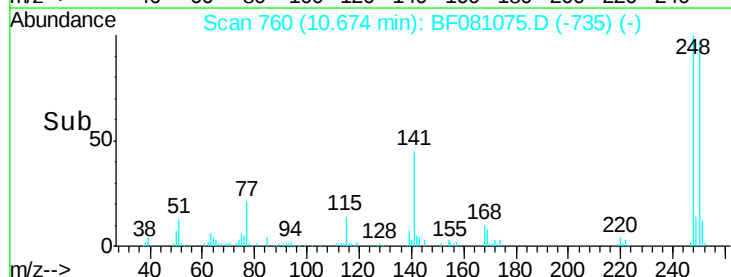
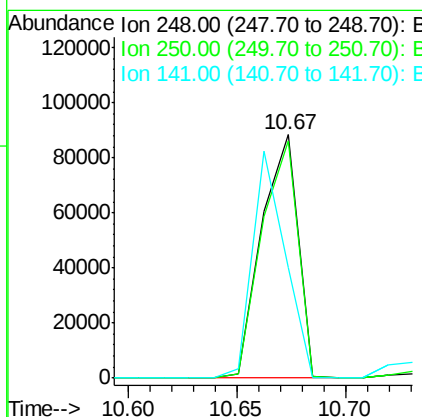
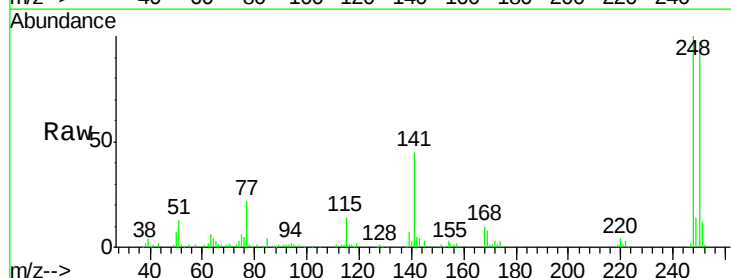
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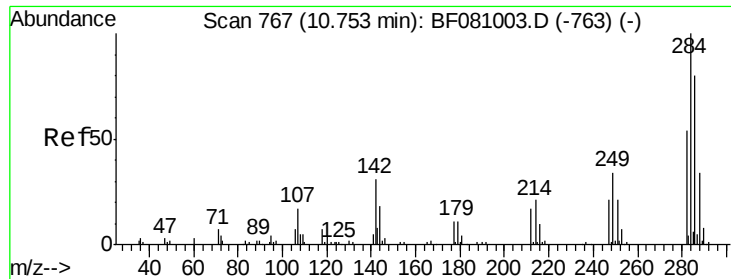
Tot Ion	Ratio	Resp	Lower	Upper
169	100	378071		
168	69.0		55.3	82.9
167	38.2		30.8	46.2



#66
 4-Bromophenyl-phenylether
 Concen: 42.04 ng
 RT: 10.67 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF081075.D
 Acq: 19 Aug 2015 9:33

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	103297		
250	97.2		77.8	116.6
141	45.2		39.8	59.6





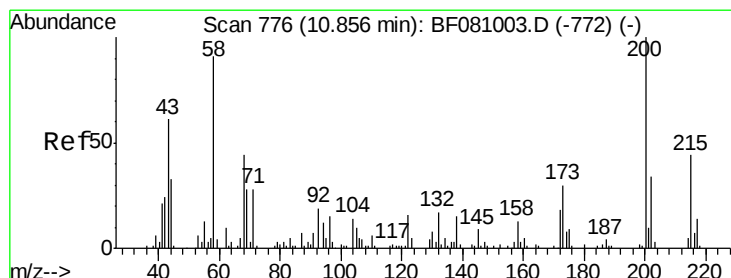
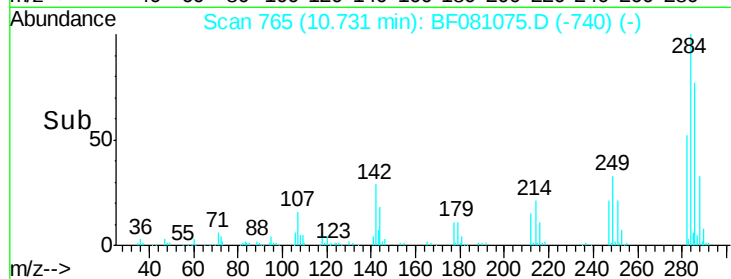
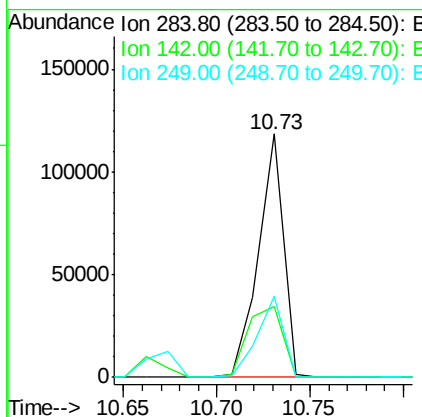
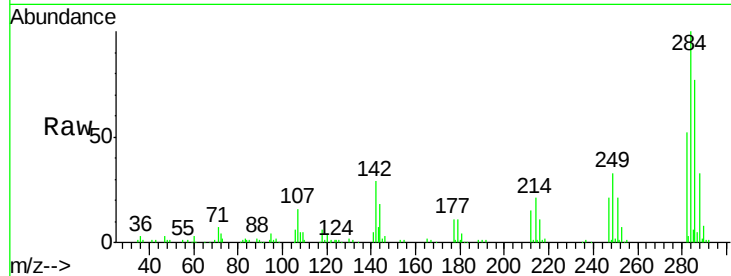
#67
Hexachlorobenzene
Concen: 44.15 ng
RT: 10.73 min Scan# 765
Delta R.T. -0.01 min
Lab File: BF081075.D
Acq: 19 Aug 2015 9:33

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

Tot Ion	Ratio	Resp Lower	Upper
284	100		
142	29.0	25.4	38.0
249	33.2	28.5	42.7

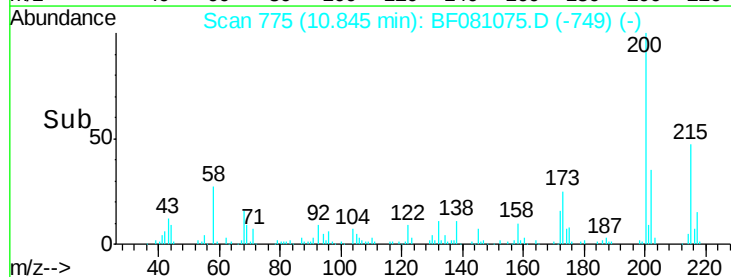
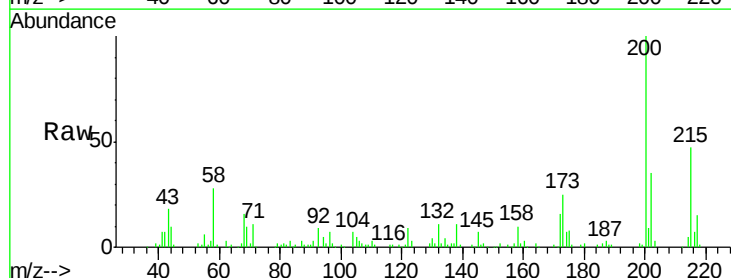
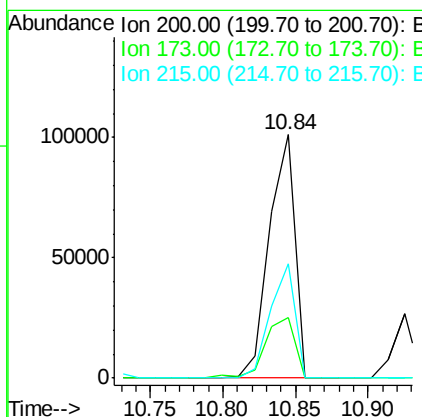
Manual Integrations
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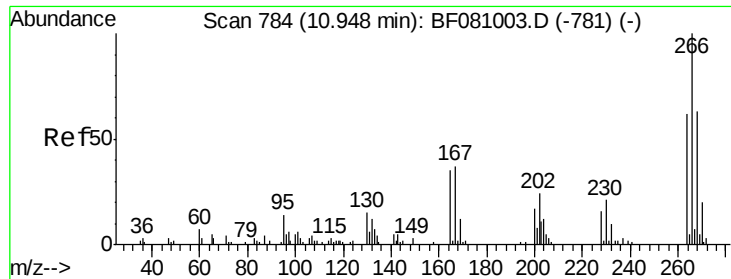
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#68
Atrazine
Concen: 49.95 ng
RT: 10.84 min Scan# 775
Delta R.T. 0.00 min
Lab File: BF081075.D
Acq: 19 Aug 2015 9:33

Tgt Ion	Ratio	Resp Lower	Upper
200	100		
173	25.1	8.1	48.1
215	47.0	23.3	63.3





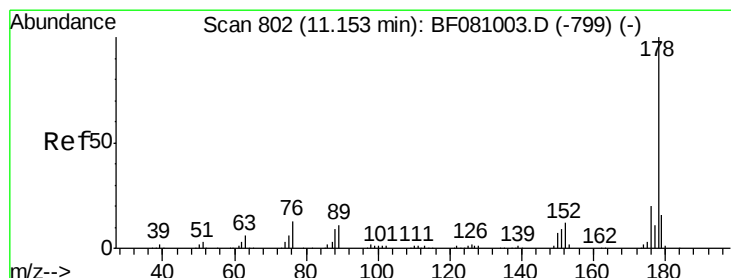
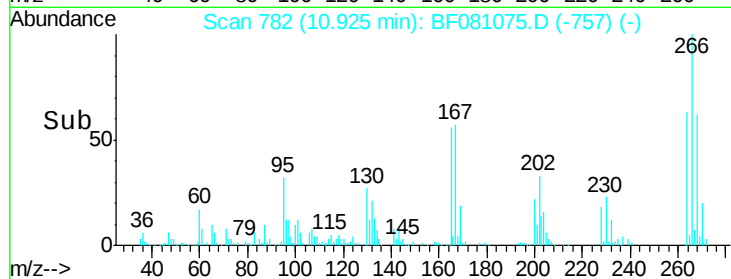
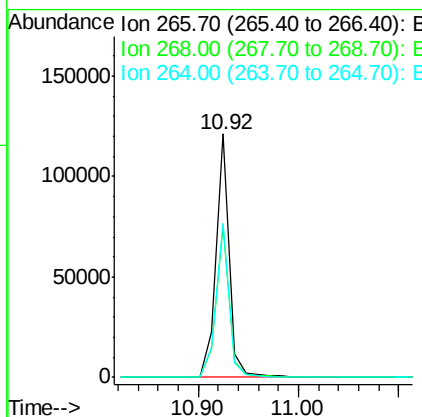
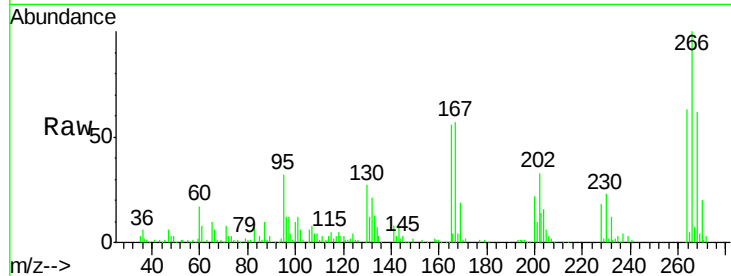
#69
 Pentachlorophenol
 Concen: 74.04 ng
 RT: 10.92 min Scan# 782
 Delta R.T. -0.01 min
 Lab File: BF081075.D
 Acq: 19 Aug 2015 9:33

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

Tot Ion	Ratio	Resp	Lower	Upper
266	100	110542		
268	62.0	51.2	76.8	
264	63.4	50.6	75.8	

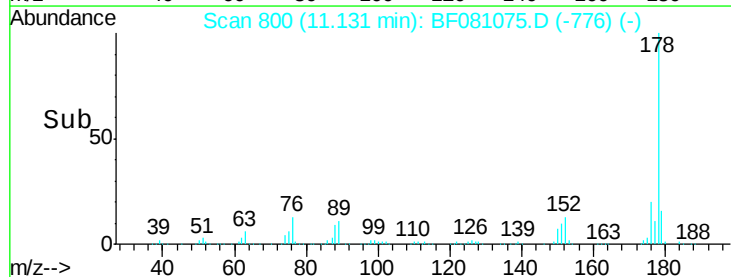
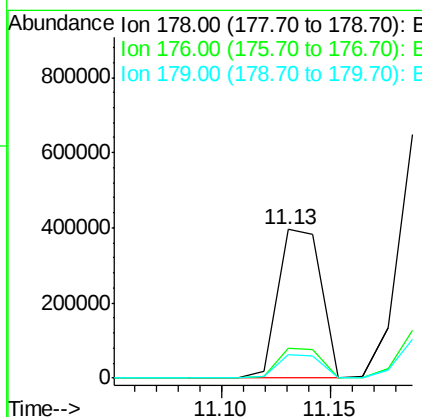
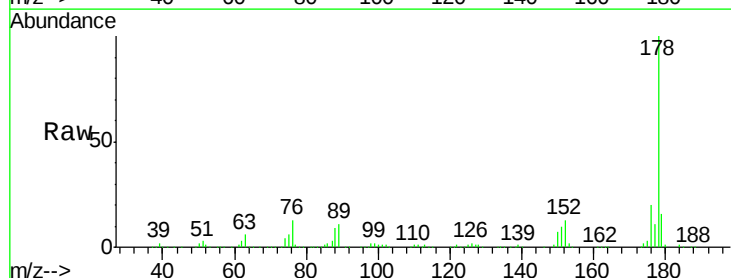
Manual Integrations
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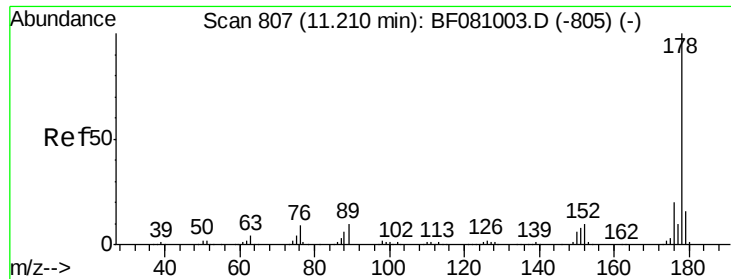
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#70
 Phenanthrene
 Concen: 37.10 ng
 RT: 11.13 min Scan# 800
 Delta R.T. -0.02 min
 Lab File: BF081075.D
 Acq: 19 Aug 2015 9:33

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	549926		
176	19.7	15.7	23.5	
179	15.8	12.2	18.2	





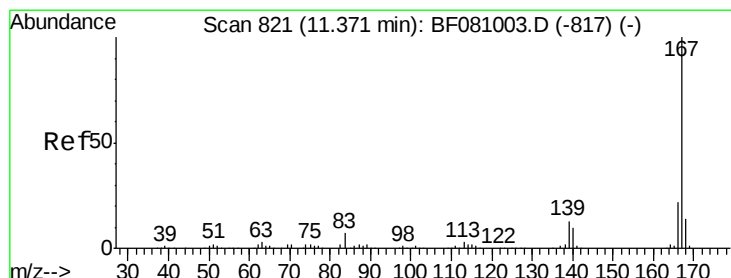
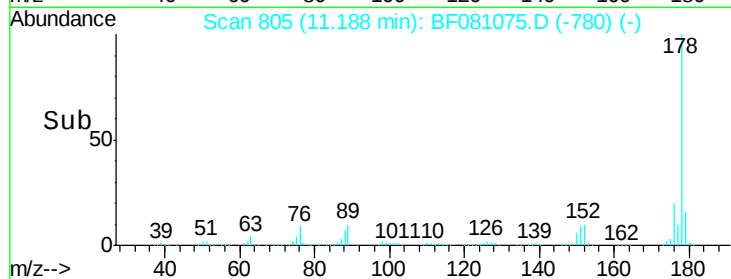
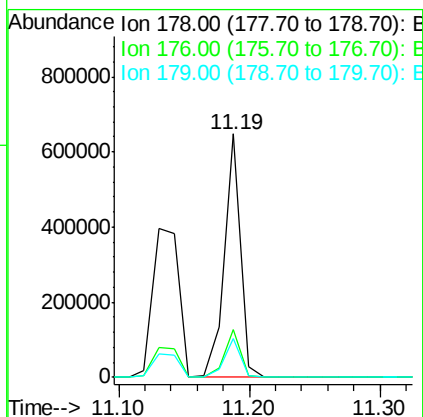
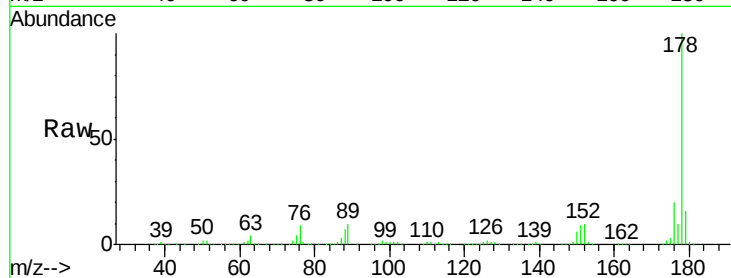
#71
 Anthracene
 Concen: 38.90 ng
 RT: 11.19 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BF081075.D
 Acq: 19 Aug 2015 9:33

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

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.7	23.5
179	15.8	12.7	19.1

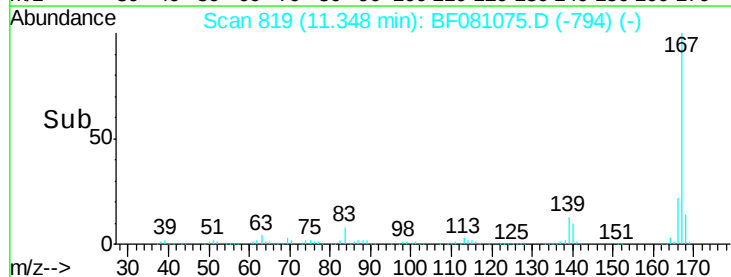
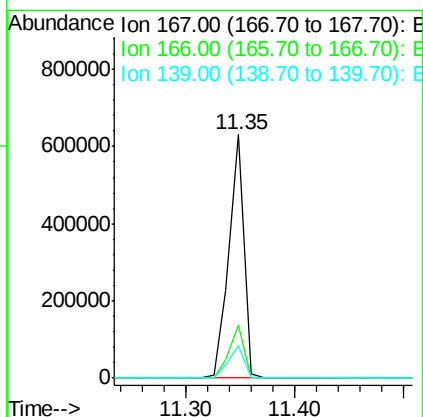
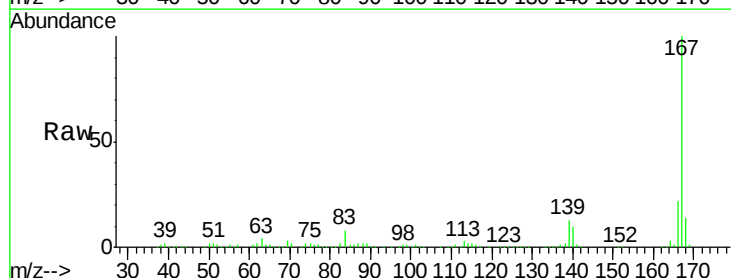
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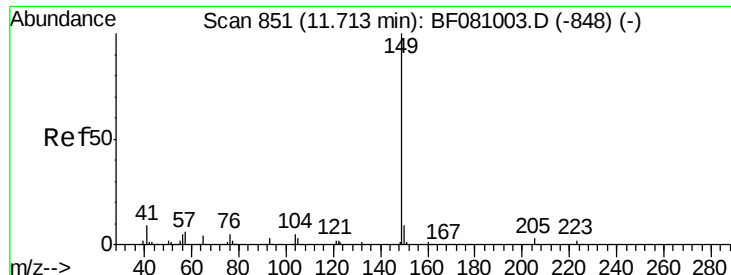
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#72
 Carbazole
 Concen: 43.47 ng
 RT: 11.35 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BF081075.D
 Acq: 19 Aug 2015 9:33

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.4	26.0
139	13.5	10.6	16.0





#73

Di-n-butylphthalate

Concen: 42.50 ng

RT: 11.69 min Scan# 849

Delta R.T. -0.02 min

Lab File: BF081075.D

Acq: 19 Aug 2015 9:33

Instrument :

BNA_F

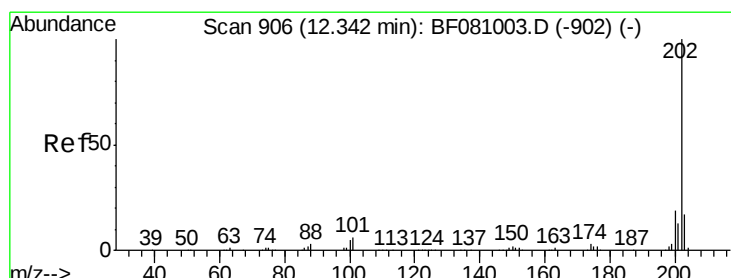
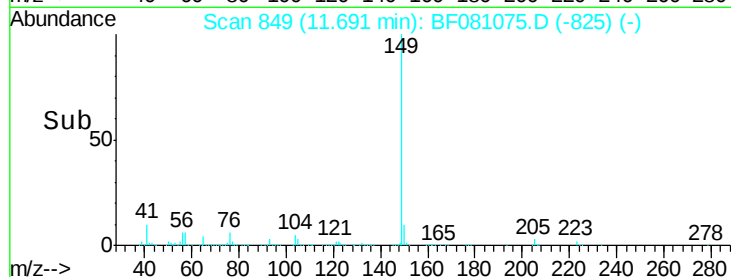
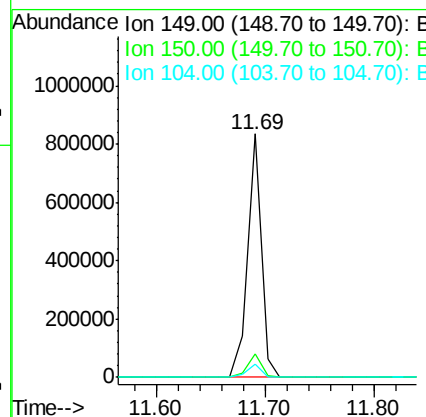
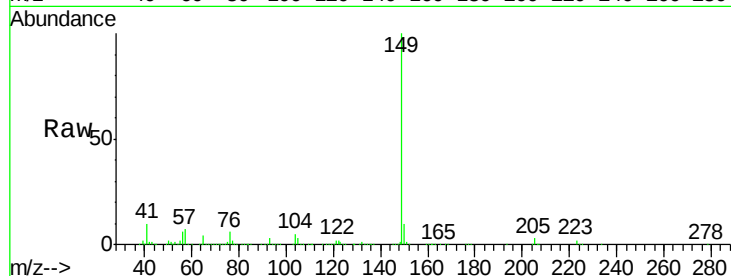
ClientSampleId :

SB04-4.0-5.0-081115MSD

Manual Integrations
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Tot Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.1	10.7
104	5.3	3.9	5.9



#74

Fluoranthene

Concen: 35.93 ng

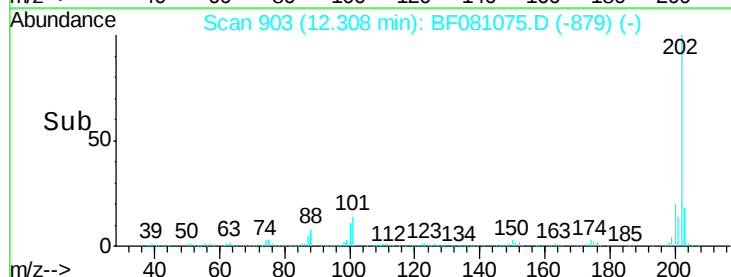
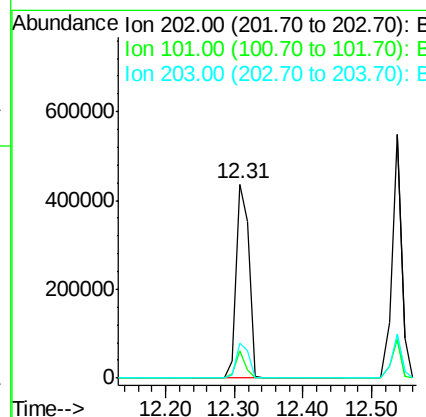
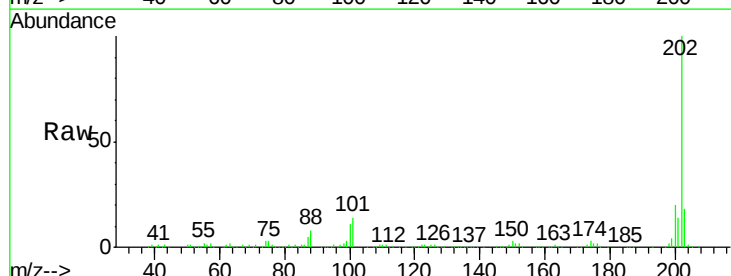
RT: 12.31 min Scan# 903

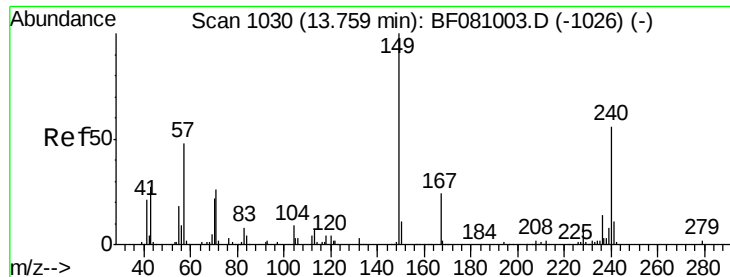
Delta R.T. -0.02 min

Lab File: BF081075.D

Acq: 19 Aug 2015 9:33

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.9	0.0	24.8
203	17.8	0.0	36.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.74 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BF081075.D

Acq: 19 Aug 2015 9:33

Instrument :

BNA_F

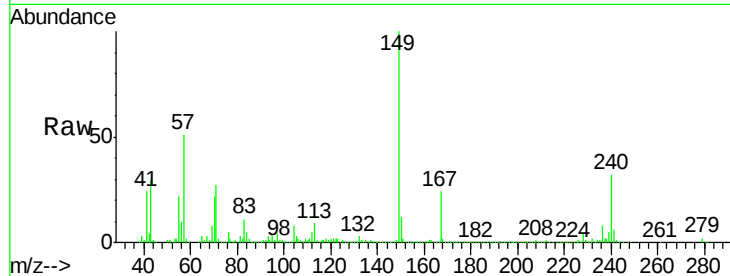
ClientSampleId :

SB04-4.0-5.0-081115MSD

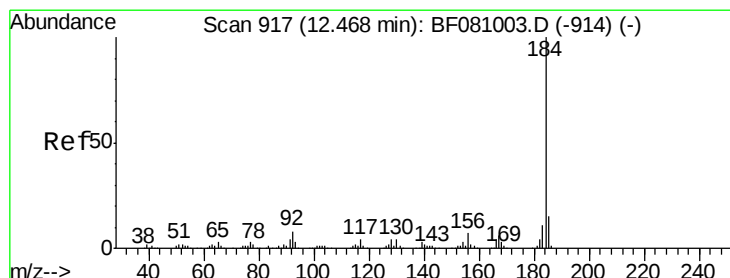
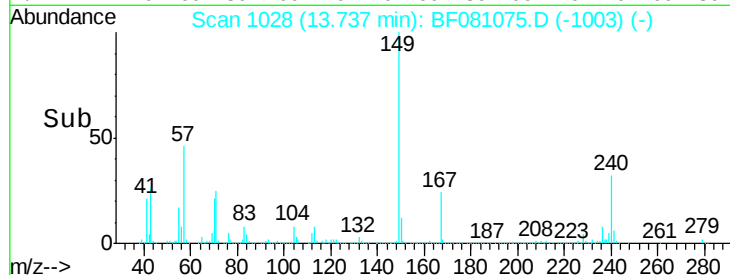
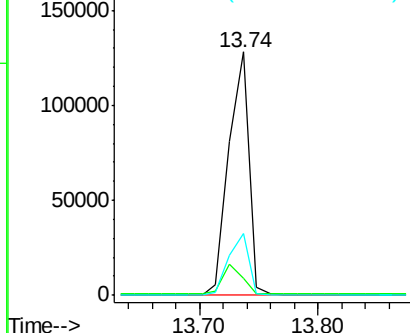
Tot Ion:	240	Resp:	151243
Ion Ratio	Lower	Upper	
240	100		
120	6.9	5.6	8.4
236	25.6	20.6	30.8

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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: 28.89 ng

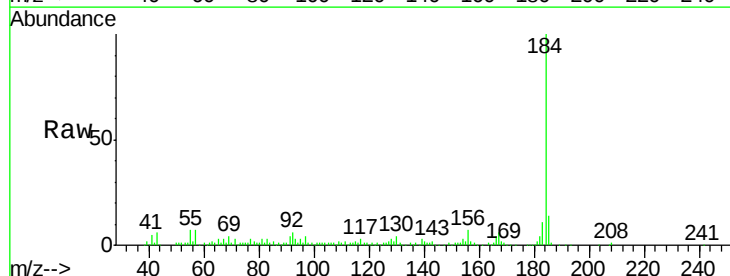
RT: 12.45 min Scan# 915

Delta R.T. -0.02 min

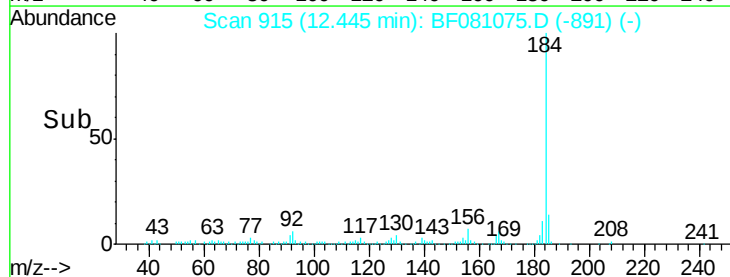
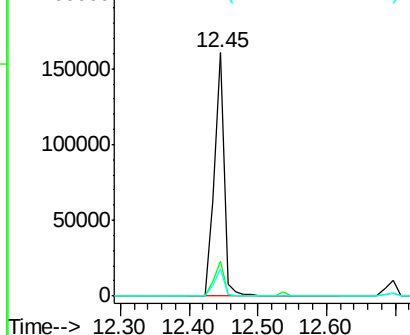
Lab File: BF081075.D

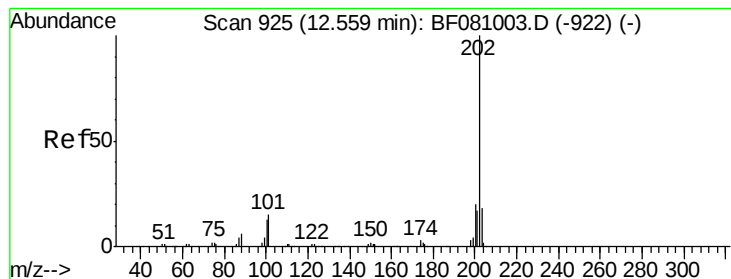
Acq: 19 Aug 2015 9:33

Tgt Ion:	184	Resp:	165063
Ion Ratio	Lower	Upper	
184	100		
185	14.1	12.0	18.0
183	11.0	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: 43.06 ng

RT: 12.54 min Scan# 923

Delta R.T. -0.02 min

Lab File: BF081075.D

Acq: 19 Aug 2015 9:33

Instrument :

BNA_F

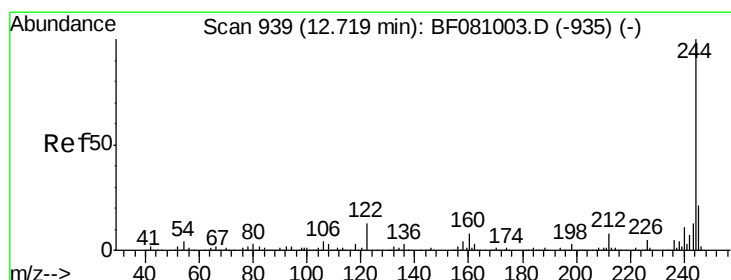
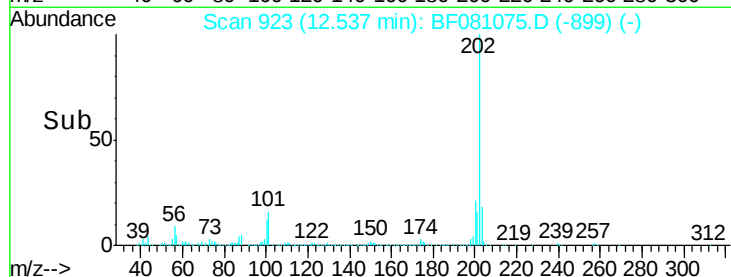
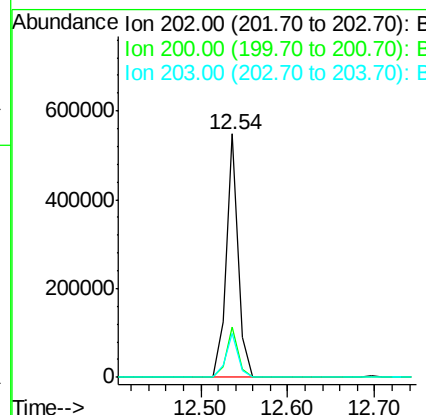
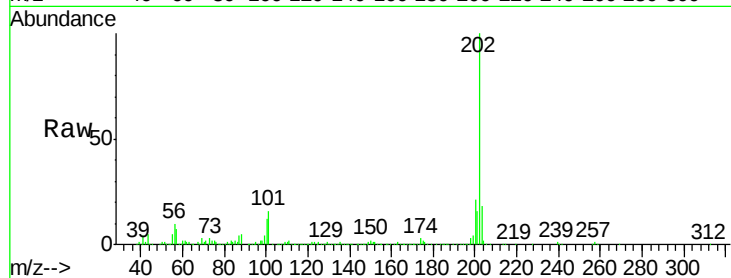
ClientSampleId :

SB04-4.0-5.0-081115MSD

Tot Ion:	202	Resp:	529428
Ion Ratio		Lower	Upper
202	100		
200	20.5	16.6	24.8
203	17.9	14.1	21.1

Manual Integrations
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#78

Terphenyl-d14

Concen: 94.35 ng

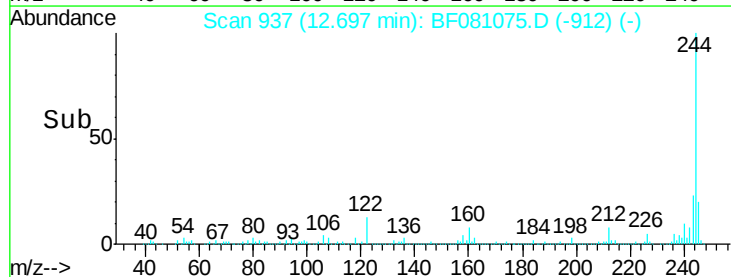
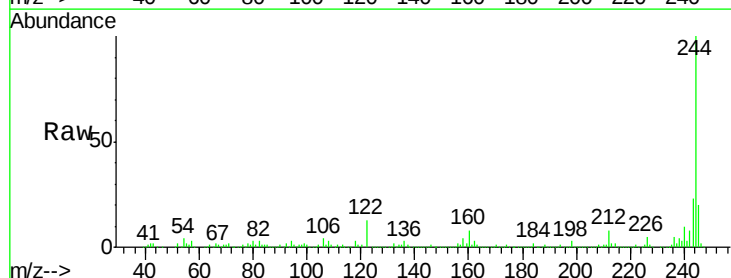
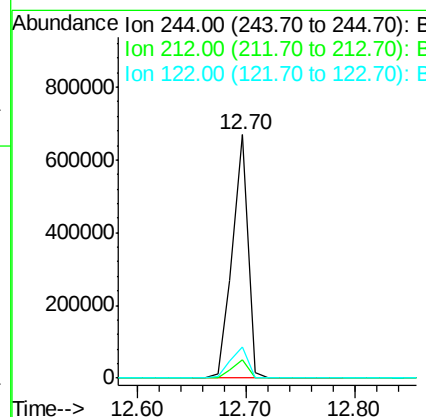
RT: 12.70 min Scan# 937

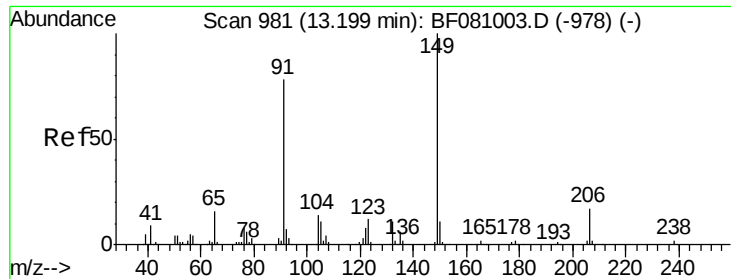
Delta R.T. -0.01 min

Lab File: BF081075.D

Acq: 19 Aug 2015 9:33

Tgt Ion:	244	Resp:	665598
Ion Ratio		Lower	Upper
244	100		
212	7.7	5.8	8.8
122	12.8	8.2	12.4#





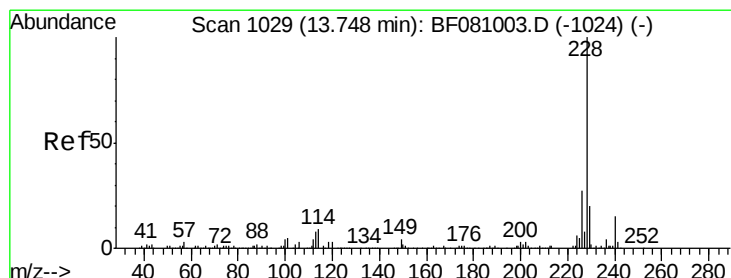
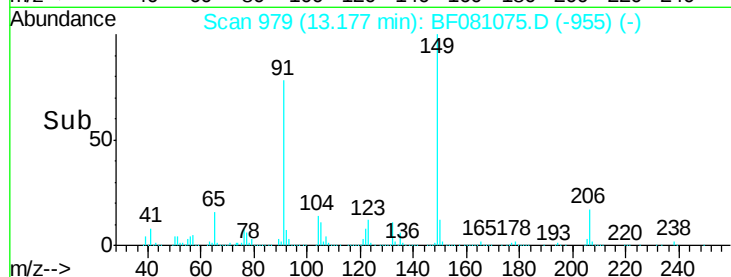
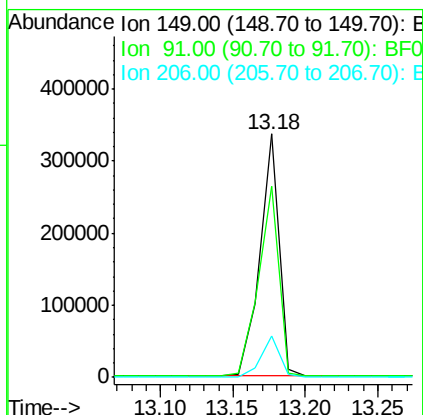
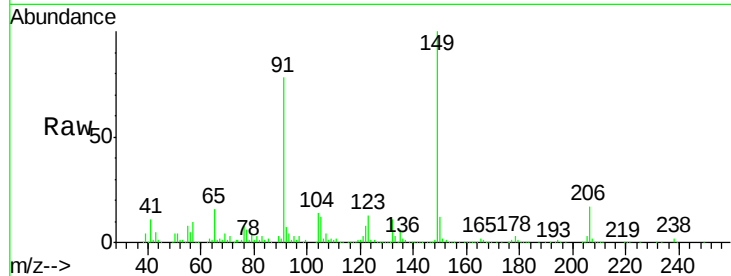
#79
Butylbenzylphthalate
Concen: 58.16 ng
RT: 13.18 min Scan# 979
Delta R.T. -0.02 min
Lab File: BF081075.D
Acq: 19 Aug 2015 9:33

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

Tot Ion	Ratio	Resp Lower	Upper
149	100		
91	78.5	46.9	70.3#
206	17.0	17.0	25.4#

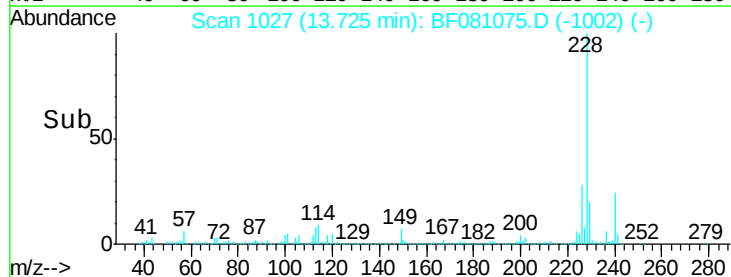
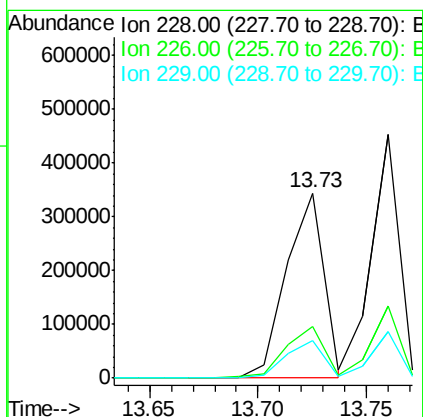
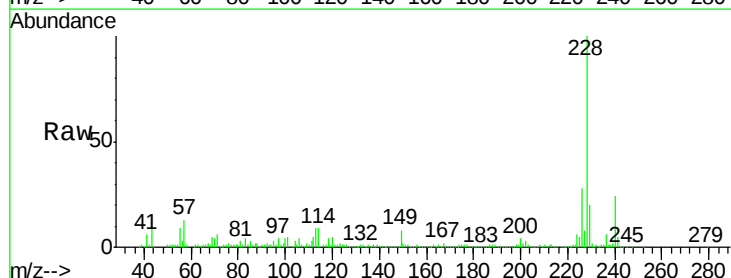
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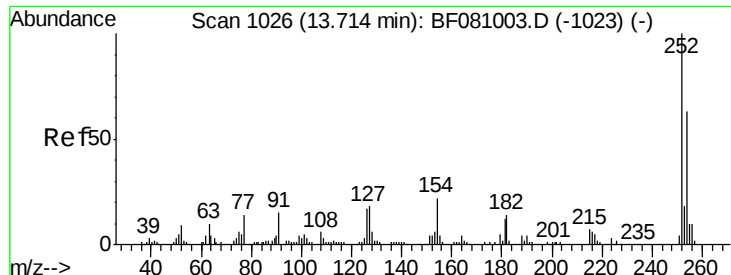
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#80
Benzo(a)anthracene
Concen: 40.80 ng
RT: 13.73 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF081075.D
Acq: 19 Aug 2015 9:33

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	27.8	22.3	33.5
229	20.3	15.9	23.9





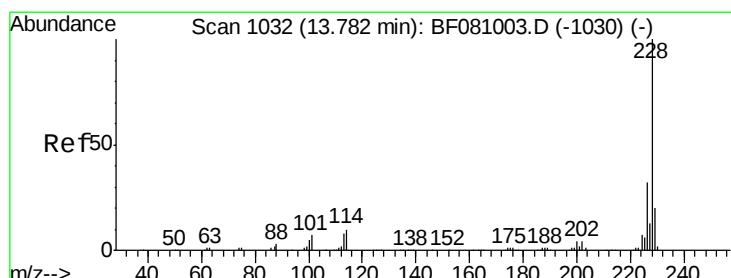
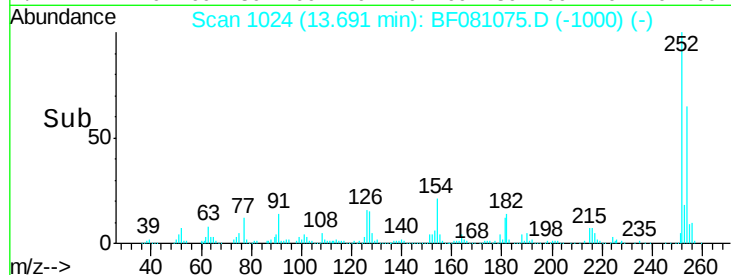
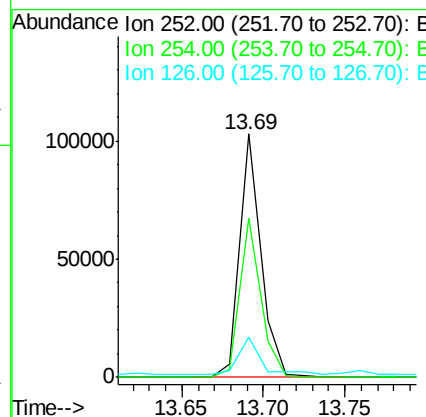
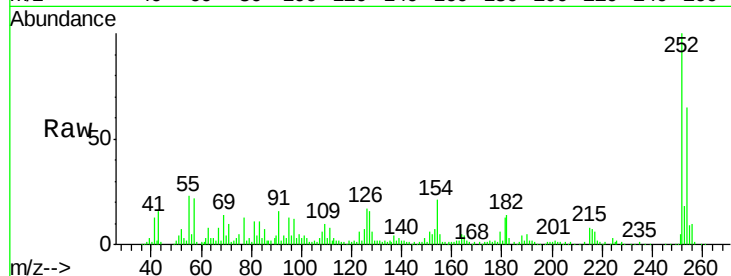
#81
 3,3'-Dichlorobenzidine
 Concen: 28.02 ng
 RT: 13.69 min Scan# 1024
 Delta R.T. -0.02 min
 Lab File: BF081075.D
 Acq: 19 Aug 2015 9:33

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

Tot Ion:	252	Resp:	92050
Ion Ratio		Lower	Upper
252	100		
254	65.3	51.5	77.3
126	16.6	12.5	18.7

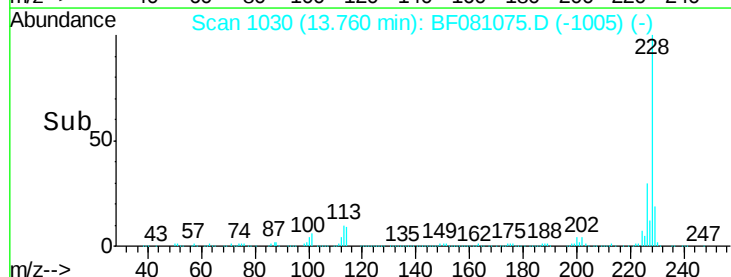
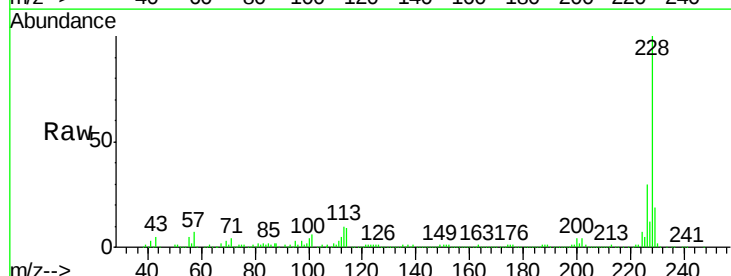
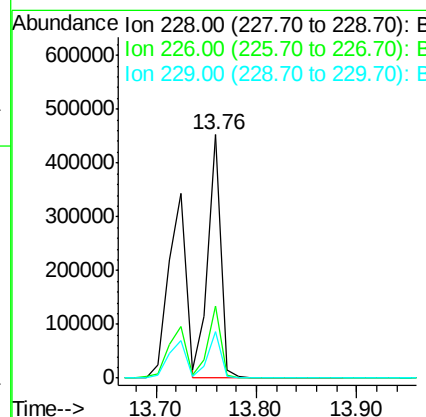
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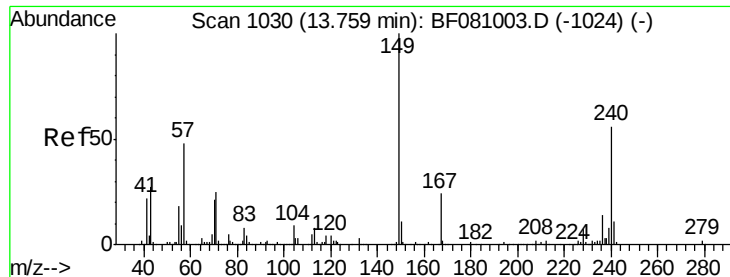
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#82
 Chrysene
 Concen: 44.11 ng
 RT: 13.76 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: BF081075.D
 Acq: 19 Aug 2015 9:33

Tgt Ion:	228	Resp:	403250
Ion Ratio		Lower	Upper
228	100		
226	29.8	24.4	36.6
229	19.3	16.0	24.0





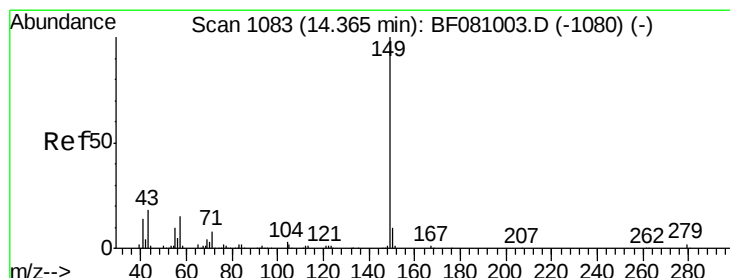
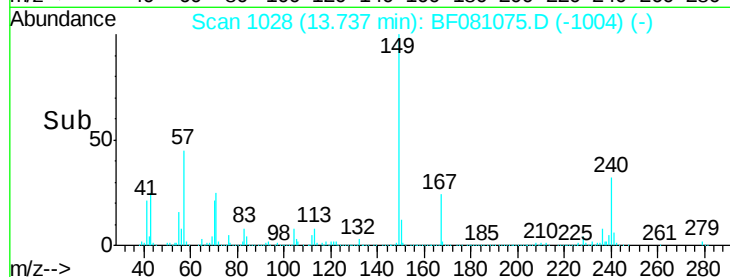
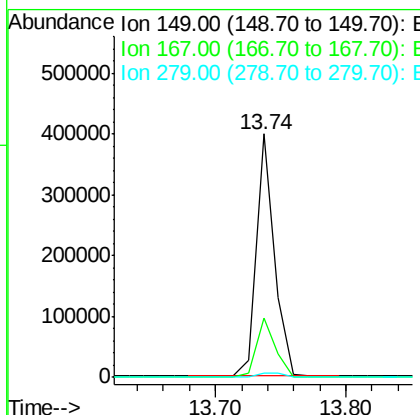
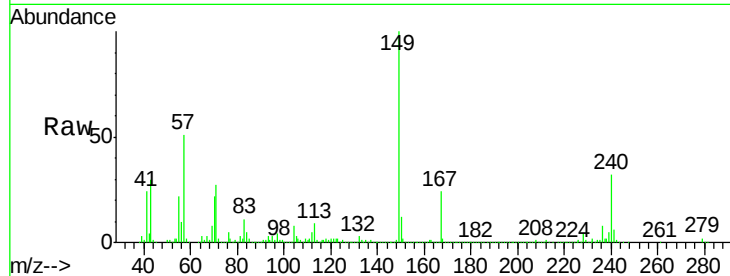
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 56.41 ng
 RT: 13.74 min Scan# 1028
 Delta R.T. -0.02 min
 Lab File: BF081075.D
 Acq: 19 Aug 2015 9:33

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

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	24.4	20.7	31.1	
279	1.6	2.2	3.4	

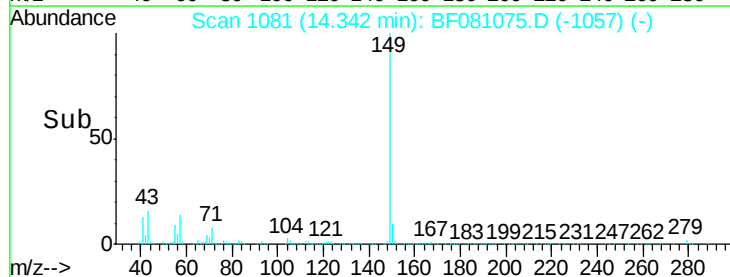
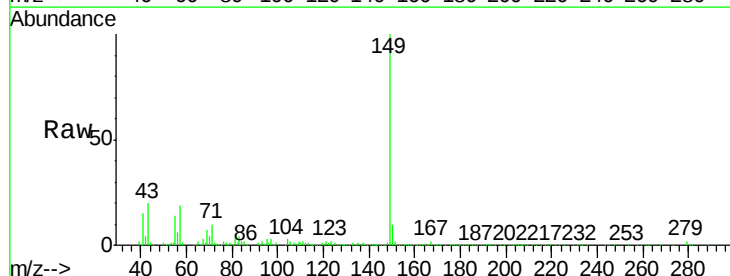
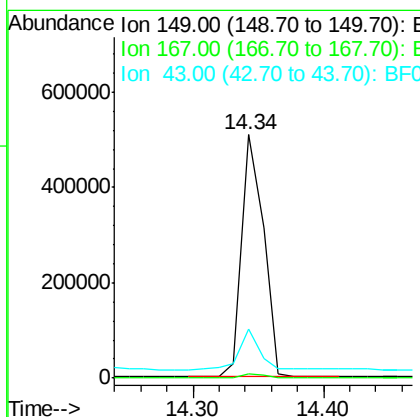
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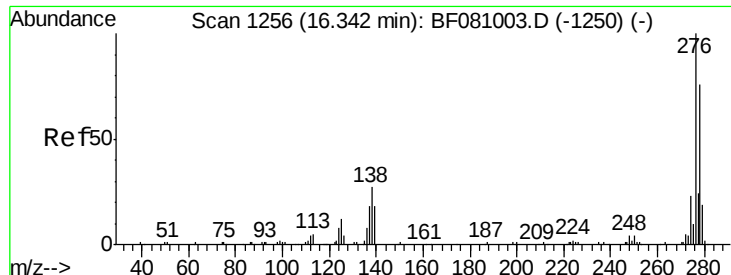
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#84
 Di-n-octyl phthalate
 Concen: 57.35 ng
 RT: 14.34 min Scan# 1081
 Delta R.T. -0.02 min
 Lab File: BF081075.D
 Acq: 19 Aug 2015 9:33

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.8	1.1	1.7	
43	15.4	11.6	17.4	





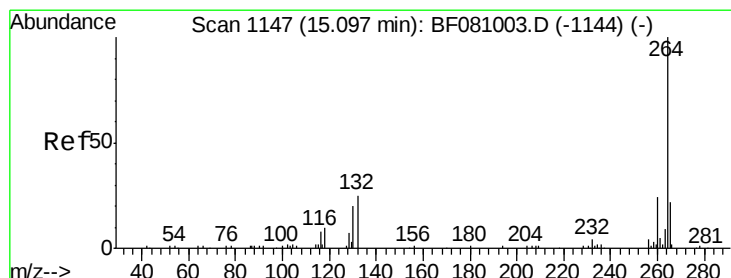
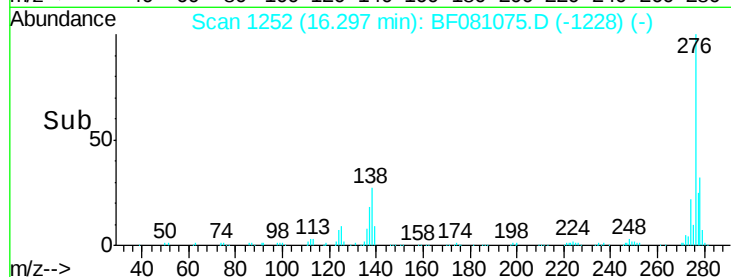
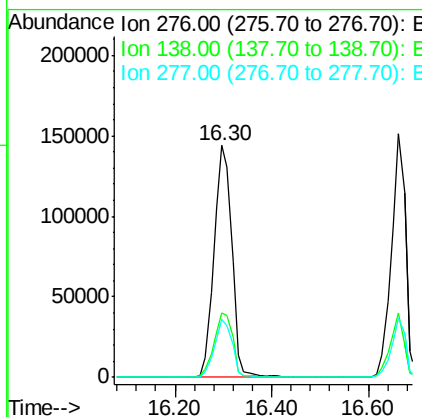
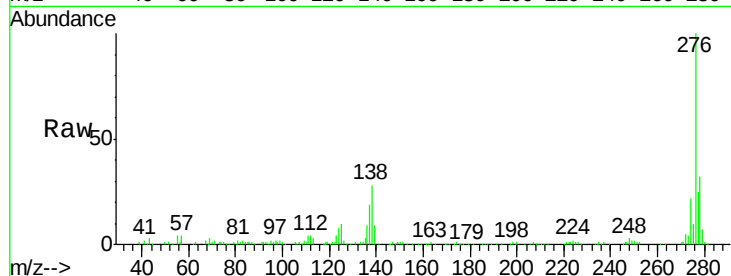
#85
Indeno(1,2,3-cd)pyrene
Concen: 58.61 ng
RT: 16.30 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF081075.D
Acq: 19 Aug 2015 9:33

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

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.6	18.6	28.0
277	24.7	19.8	29.8

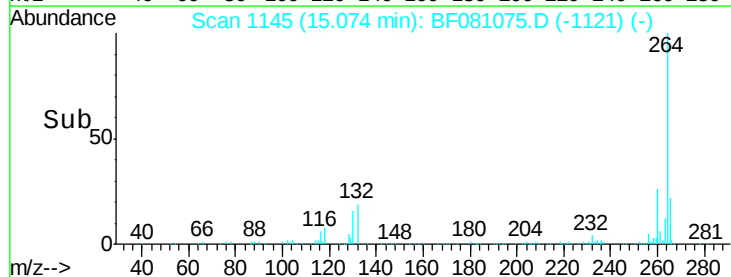
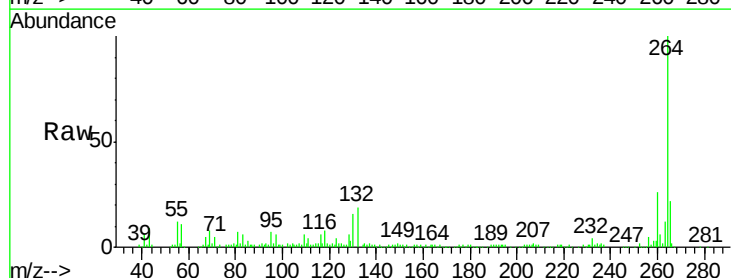
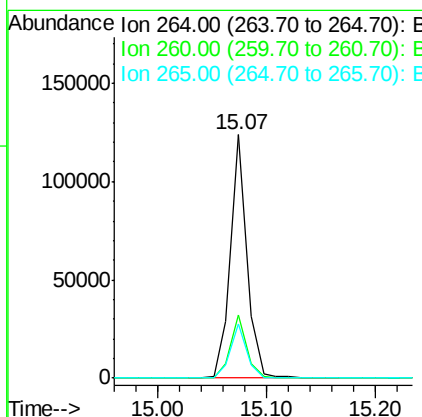
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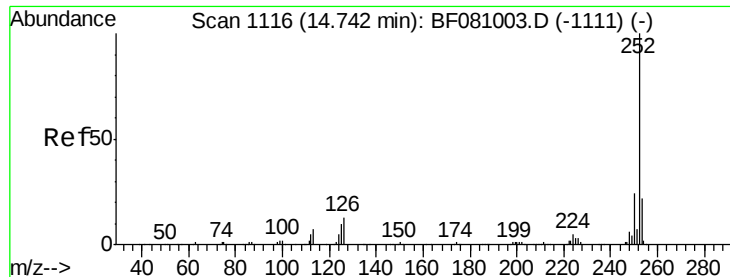
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.07 min Scan# 1145
Delta R.T. -0.02 min
Lab File: BF081075.D
Acq: 19 Aug 2015 9:33

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.8	19.6	29.4
265	22.1	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 42.30 ng m

RT: 14.72 min Scan# 1114

Delta R.T. -0.01 min

Lab File: BF081075.D

Acq: 19 Aug 2015 9:33

Instrument :

BNA_F

ClientSampleId :

SB04-4.0-5.0-081115MSD

Tot Ion:252 Resp: 387838
Ion Ratio Lower Upper

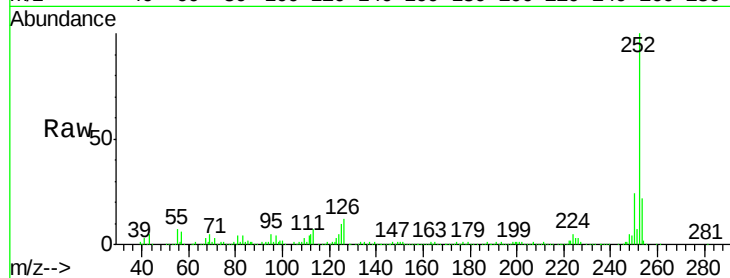
252 100

253 22.0 17.1 25.7

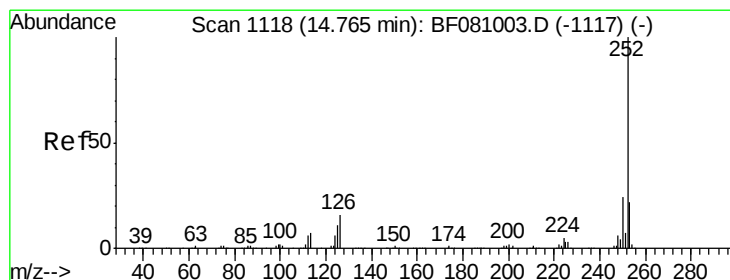
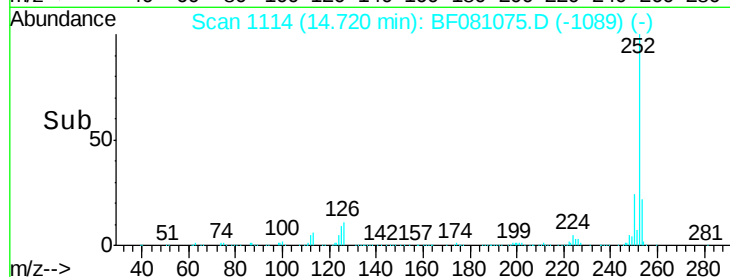
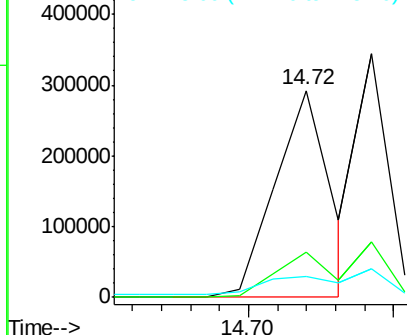
125 10.3 8.0 12.0

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 30.87 ng m

RT: 14.74 min Scan# 1116

Delta R.T. -0.02 min

Lab File: BF081075.D

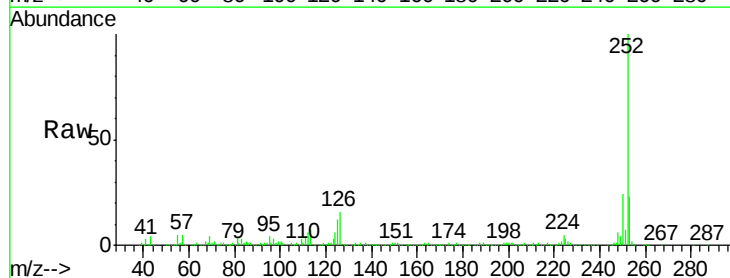
Acq: 19 Aug 2015 9:33

Tgt Ion:252 Resp: 263697
Ion Ratio Lower Upper

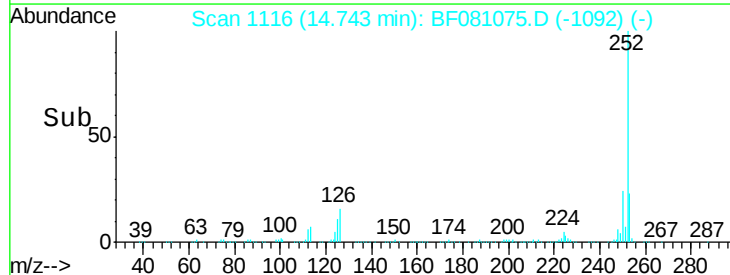
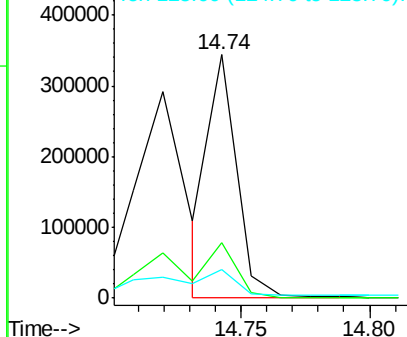
252 100

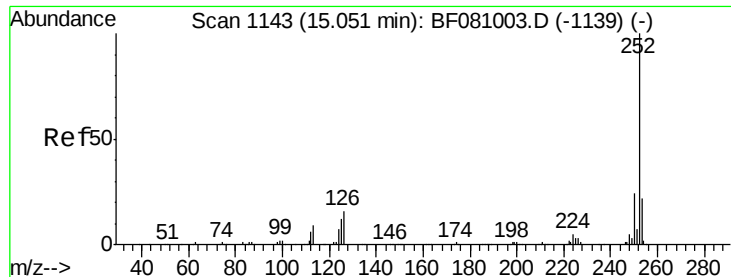
253 22.8 17.6 26.4

125 11.9 10.3 15.5



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





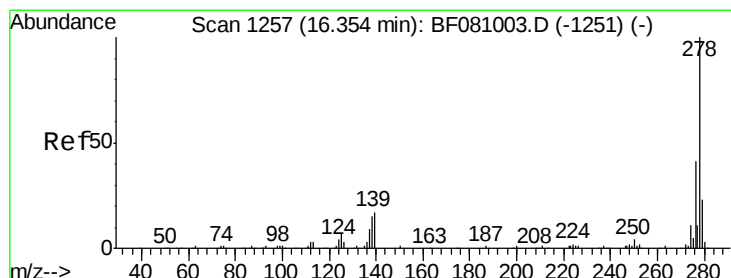
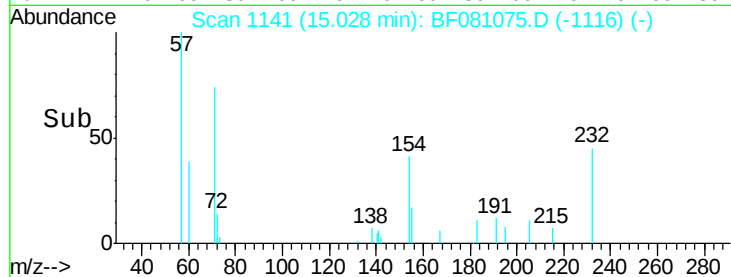
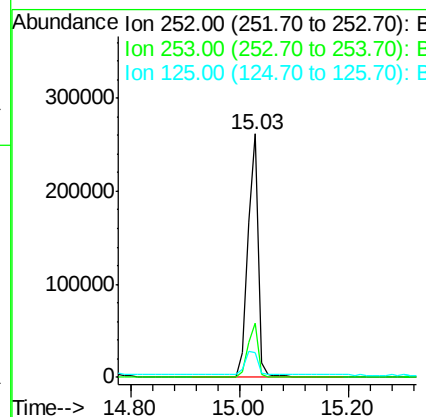
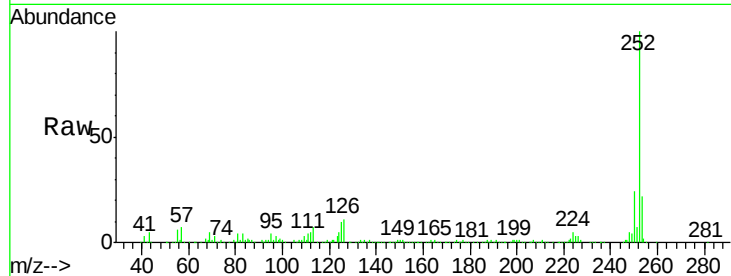
#89
Benzo(a)pyrene
Concen: 41.80 ng
RT: 15.03 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BF081075.D
Acq: 19 Aug 2015 9:33

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	16.6	25.0
125	10.3	7.8	11.8

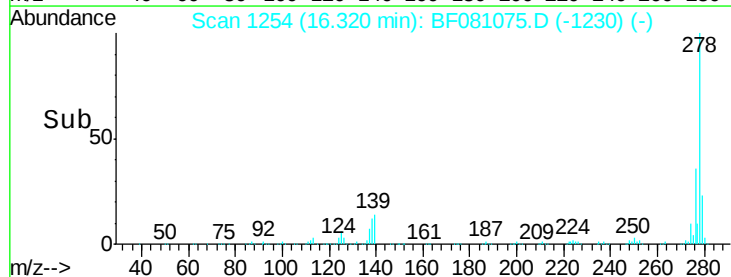
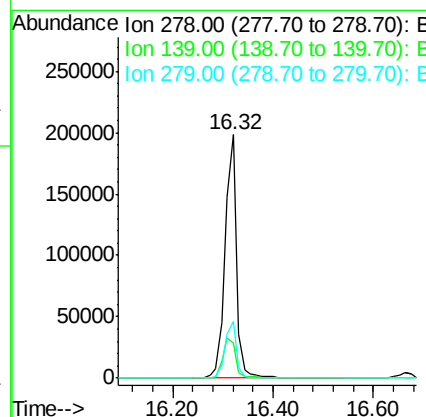
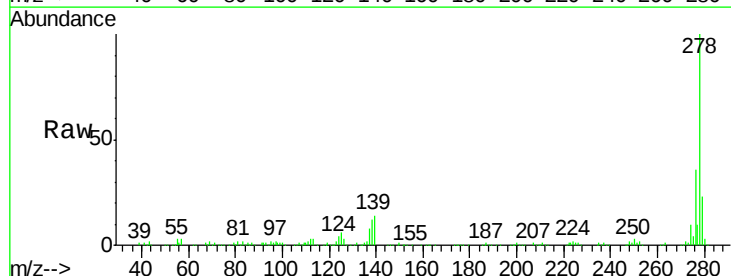
Manual Integrations
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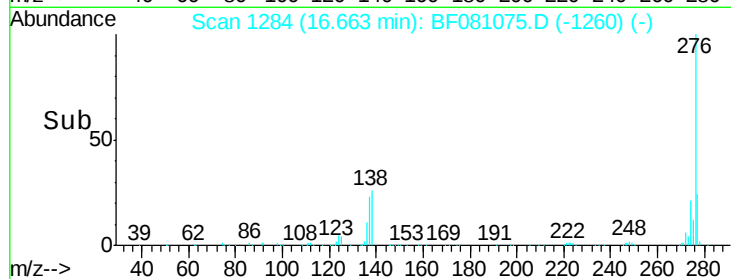
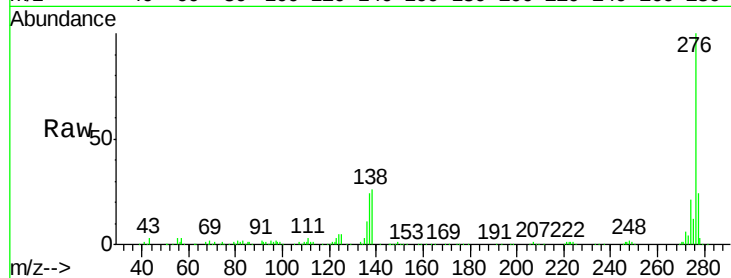
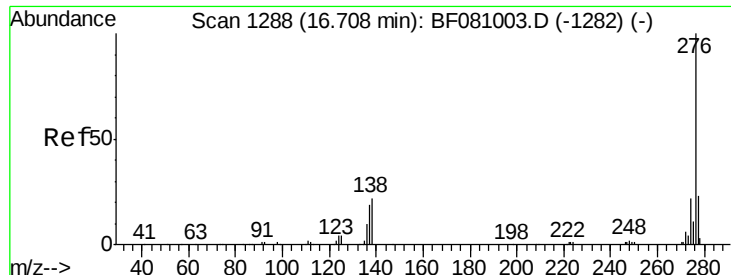
MMDadoda
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#90
Dibenzo(a,h)anthracene
Concen: 50.83 ng
RT: 16.32 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF081075.D
Acq: 19 Aug 2015 9:33

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.2	10.8	16.2
279	23.2	19.0	28.6





#91
 Benzo(a,h,i)perylene
 Concen: 49.38 ng
 RT: 16.66 min Scan# 1284
 Delta R.T. -0.02 min
 Lab File: BF081075.D
 Acq: 19 Aug 2015 9:33

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

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	24.1	18.2	27.2
138	26.4	13.7	20.5

Manual Integrations
 APPROVED

MMDadoda
 8/19/2015 2:19:12 PM

