

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092415\
 Data File : BF081769.D
 Acq On : 24 Sep 2015 17:54
 Operator : UM/IZ
 Sample : SSTDICC02.5
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC02.5

Manual Integrations
 APPROVED

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 9/25/2015 3:35:57 PM

Quant Time: Sep 25 04:31:52 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 25 02:42:50 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	132682	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	527752	20.00	ng	0.00
38) Acenaphthene-d10	9.99	164	251114	20.00	ng	-0.01
63) Phenanthrene-d10	11.47	188	478750	20.00	ng	0.00
75) Chrysene-d12	14.12	240	381288	20.00	ng	0.00
86) Perylene-d12	15.58	264	287594	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	48266	5.67	ng	-0.01
7) Phenol-d6	6.55	99	56496	5.11	ng	-0.02
23) Nitrobenzene-d5	7.51	82	40775	3.91	ng	-0.01
41) 2,4,6-Tribromophenol	10.78	330	8480	3.84	ng	-0.01
44) 2-Fluorobiphenyl	9.30	172	107608	5.78	ng	-0.01
78) Terphenyl-d14	13.05	244	109714	6.69	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.61	88	11491	3.00	ng	# 100
3) Pyridine	3.38	79	30915	3.01	ng	99
4) n-Nitrosodimethylamine	3.30	42	15392	2.70	ng	# 94
6) Aniline	6.61	93	46210	2.94	ng	96
8) 2-Chlorophenol	6.72	128	24615	2.66	ng	88
9) Benzaldehyde	6.49	77	19313	2.81	ng	92
10) Phenol	6.57	94	33002m	2.59	ng	
11) bis(2-Chloroethyl)ether	6.67	93	24591	2.66	ng	99
12) 1,3-Dichlorobenzene	6.89	146	29997m	2.98	ng	
13) 1,4-Dichlorobenzene	6.97	146	28856	2.81	ng	98
14) 1,2-Dichlorobenzene	7.12	146	30925	3.38	ng	95
15) Benzyl Alcohol	7.09	79	22305	2.50	ng	# 89
16) 2,2'-oxybis(1-Chloropropan	7.22	45	40330	2.27	ng	99
17) 2-Methylphenol	7.19	107	21527	2.90	ng	97
18) Hexachloroethane	7.46	117	9517	2.46	ng	89
19) n-Nitroso-di-n-propylamine	7.35	70	19855	2.61	ng	# 89
20) 3+4-Methylphenols	7.34	107	28196	2.84	ng	95
22) Acetophenone	7.35	105	35092	2.56	ng	# 95
25) Isophorone	7.76	82	48411	2.44	ng	# 85
27) 2,4-Dimethylphenol	7.87	122	22368	2.71	ng	98
28) bis(2-Chloroethoxy)methane	7.98	93	28756	2.54	ng	97
29) 2,4-Dichlorophenol	8.08	162	19762	2.67	ng	94
30) 1,2,4-Trichlorobenzene	8.17	180	23807	2.97	ng	# 95
31) Naphthalene	8.26	128	75521	2.76	ng	99
33) 4-Chloroaniline	8.31	127	31347	2.84	ng	# 87
34) Hexachlorobutadiene	8.38	225	15118	3.10	ng	97
35) Caprolactam	8.63	113	4614	2.07	ng	# 78
36) 4-Chloro-3-methylphenol	8.77	107	22035	2.74	ng	98
37) 2-Methylnaphthalene	8.95	142	57698	3.22	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	25737	3.28	ng	# 100
42) 2,4,6-Trichlorophenol	9.22	196	12266	2.26	ng	94
43) 2,4,5-Trichlorophenol	9.26	196	11871m	2.17	ng	
45) 1,1'-Biphenyl	9.41	154	63225	2.76	ng	93
46) 2-Chloronaphthalene	9.44	162	47626	2.94	ng	# 92

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092415\
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Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC02.5

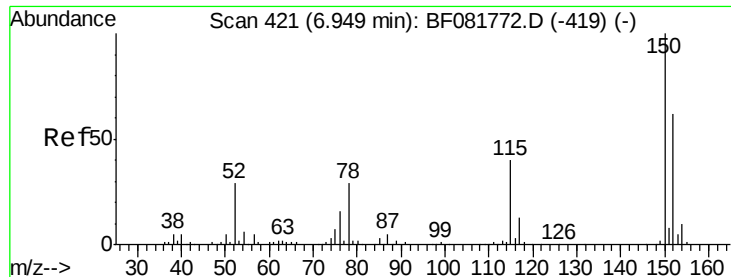
Manual Integrations
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 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) Acenaphthylene	9.85	152	86587	2.96	ng	98
49) Dimethylphthalate	9.70	163	63745	3.33	ng	99
51) Acenaphthene	10.02	154	50352	3.02	ng	98
54) Dibenzofuran	10.19	168	73023	3.02	ng	91
57) Fluorene	10.54	166	58719	3.27	ng	98
59) Diethylphthalate	10.40	149	54430	2.74	ng	98
60) 4-Chlorophenyl-phenylether	10.53	204	25266	2.95	ng #	82
62) Azobenzene	10.69	77	57452	2.64	ng	93
65) n-Nitrosodiphenylamine	10.64	169	52374	3.08	ng	95
66) 4-Bromophenyl-phenylether	11.02	248	15430	3.09	ng #	78
67) Hexachlorobenzene	11.07	284	16462	3.18	ng #	78
68) Atrazine	11.17	200	13885	2.76	ng	96
70) Phenanthrene	11.50	178	90836	3.44	ng	97
71) Anthracene	11.54	178	85257	3.15	ng	97
72) Carbazole	11.70	167	76396	3.00	ng	96
73) Di-n-butylphthalate	12.03	149	92570	3.08	ng	97
74) Fluoranthene	12.69	202	87693	3.08	ng	91
76) Benzdine	12.81	184	36315	2.27	ng	97
77) Pyrene	12.92	202	87783	3.16	ng	96
80) Benzo(a)anthracene	14.10	228	68976	2.90	ng	96
81) 3,3'-Dichlorobenzidine	14.07	252	18139	2.23	ng #	96
82) Chrysene	14.14	228	65482	2.97	ng	96
85) Indeno(1,2,3-cd)pyrene	17.03	276	54656	3.33	ng #	100
87) Benzo(b)fluoranthene	15.14	252	46823	2.42	ng	98
88) Benzo(k)fluoranthene	15.18	252	48128m	2.81	ng	
89) Benzo(a)pyrene	15.51	252	43140	2.52	ng	98
90) Dibenzo(a,h)anthracene	17.05	278	45066	3.31	ng	96
91) Benzo(g,h,i)perylene	17.46	276	46287	3.50	ng	98

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



#1

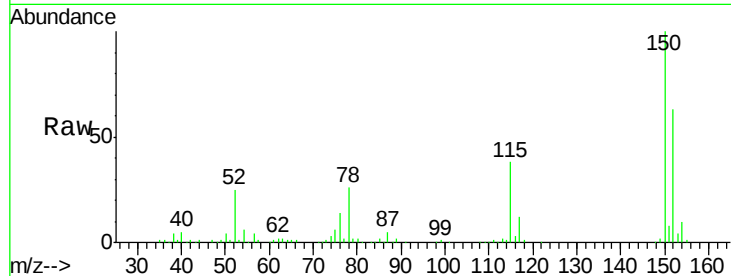
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.95 min Scan# 421
Delta R.T. 0.00 min
Lab File: BF081769.D
Acq: 24 Sep 2015 17:54

Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

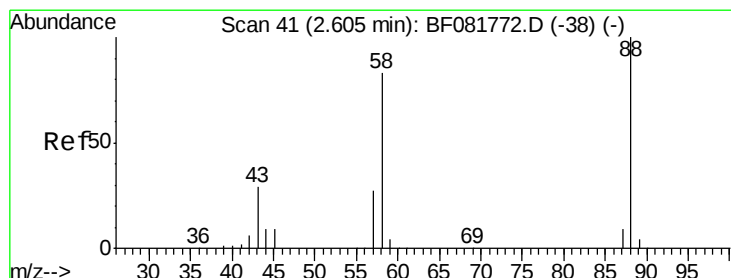
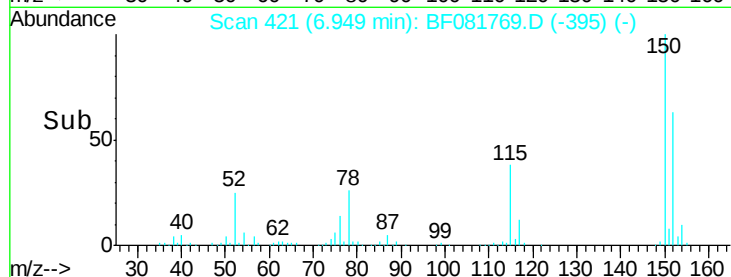
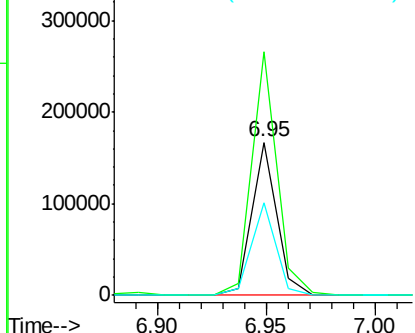
Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.1	128.6	192.8
115	60.8	51.0	76.4

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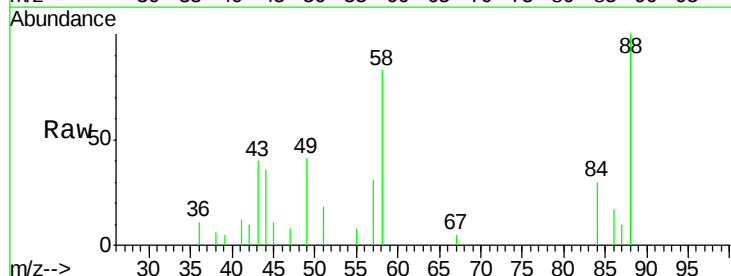
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



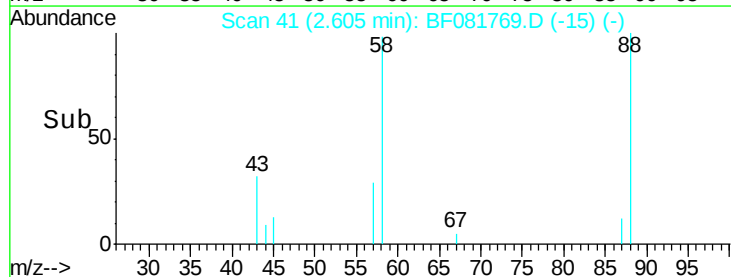
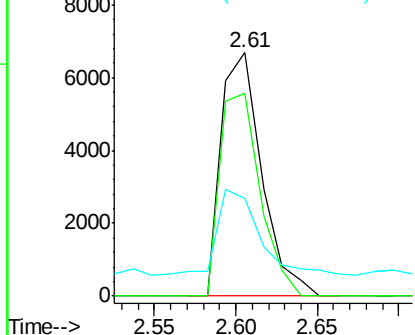
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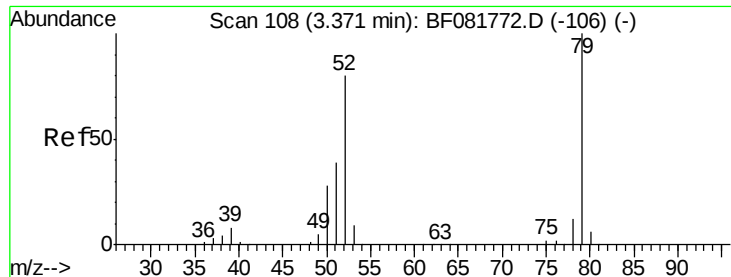
1,4-Dioxane
Concen: 3.00 ng
RT: 2.61 min Scan# 41
Delta R.T. 0.00 min
Lab File: BF081769.D
Acq: 24 Sep 2015 17:54

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.5	0.0	0.0#
43	37.9	0.0	0.0#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 3.01 ng

RT: 3.38 min Scan# 109

Delta R.T. 0.01 min

Lab File: BF081769.D

Acq: 24 Sep 2015 17:54

Instrument :

BNA_F

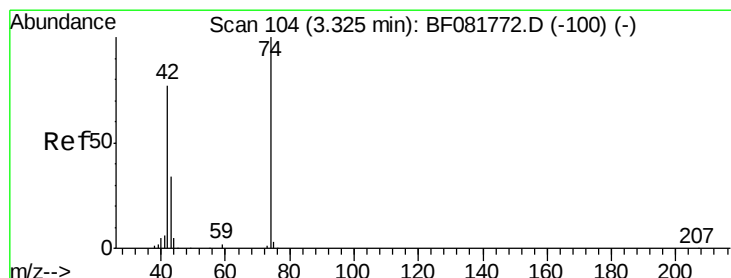
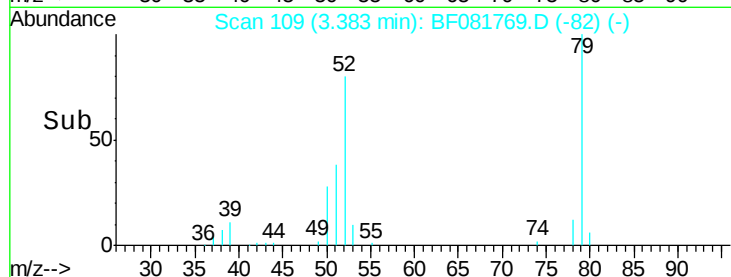
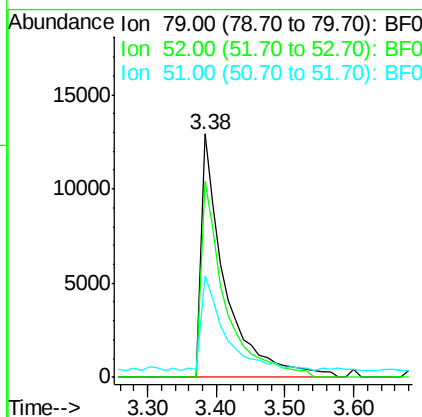
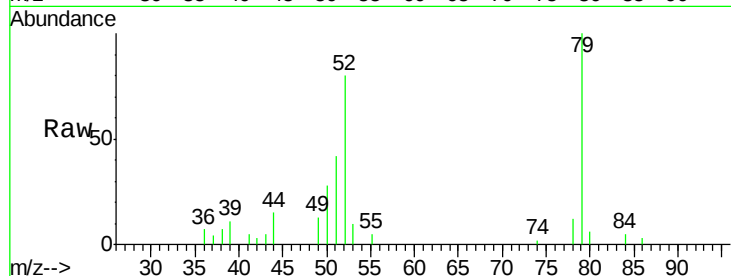
ClientSampleId :

SSTDICC02.5

Tgt Ion:	79	Resp:	30915
Ion	Ratio	Lower	Upper
79	100		
52	80.5	64.3	96.5
51	41.5	31.5	47.3

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#4

n-Nitrosodimethylamine

Concen: 2.70 ng

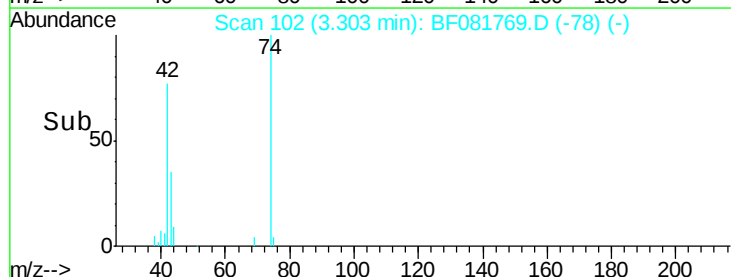
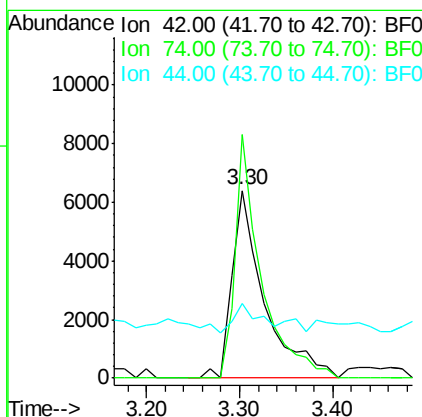
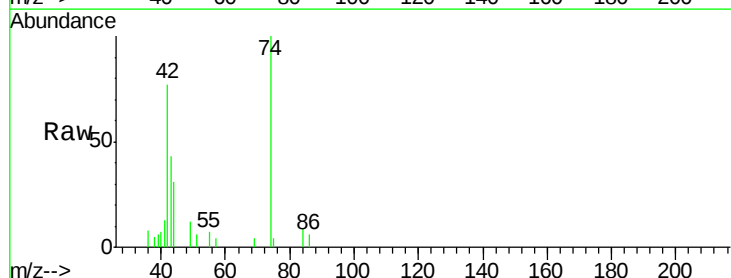
RT: 3.30 min Scan# 102

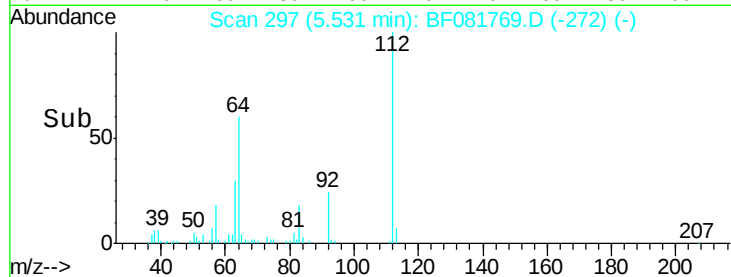
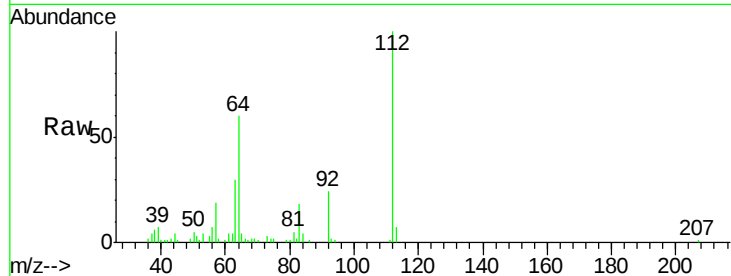
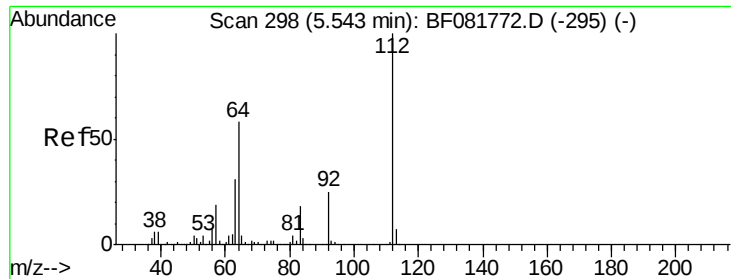
Delta R.T. -0.02 min

Lab File: BF081769.D

Acq: 24 Sep 2015 17:54

Tgt Ion:	42	Resp:	15392
Ion	Ratio	Lower	Upper
42	100		
74	129.8	104.0	156.0
44	39.6	6.8	10.2#





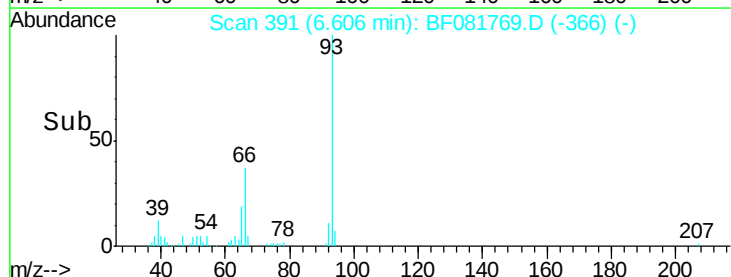
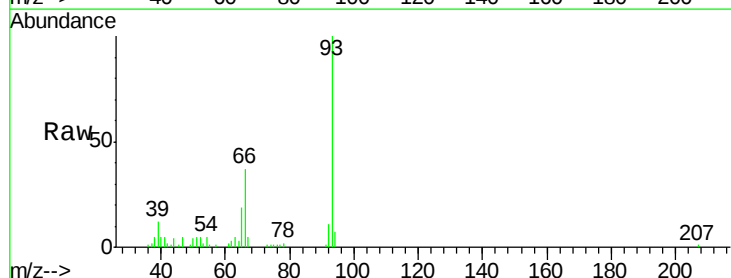
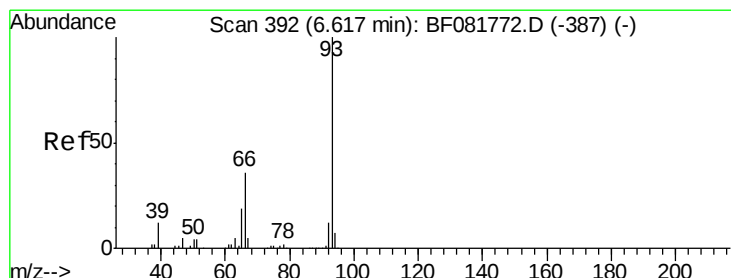
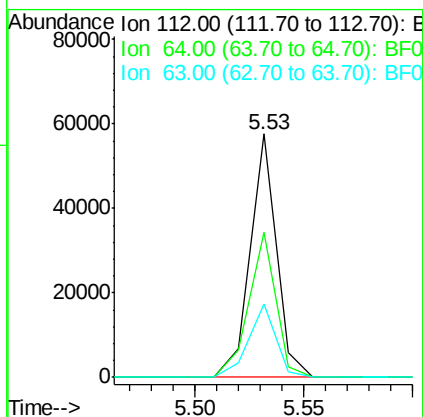
#5
2-Fluorophenol
Concen: 5.67 ng
RT: 5.53 min Scan# 297
Delta R.T. -0.01 min
Lab File: BF081769.D
Acq: 24 Sep 2015 17:54

Tgt Ion	Ratio	Resp Lower	Resp Upper
112	100		
64	59.7	46.2	69.4
63	30.2	25.0	37.4

Instrument :
BNA_F
ClientSampleId :
SSTDIC02.5

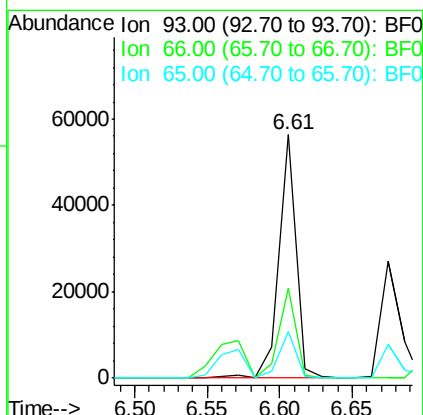
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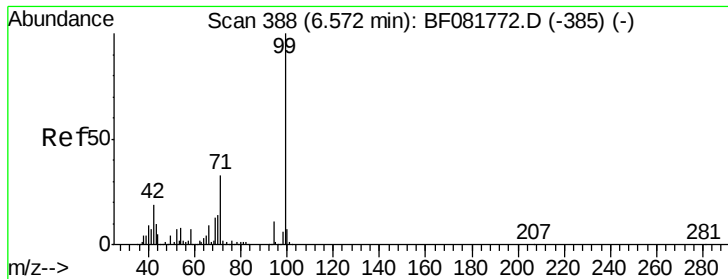
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#6
Aniline
Concen: 2.94 ng
RT: 6.61 min Scan# 391
Delta R.T. -0.01 min
Lab File: BF081769.D
Acq: 24 Sep 2015 17:54

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
66	37.2	32.3	48.5
65	19.3	16.2	24.4





#7

Phenol-d6

Concen: 5.11 ng

RT: 6.55 min Scan# 386

Delta R.T. -0.02 min

Lab File: BF081769.D

Acq: 24 Sep 2015 17:54

Instrument :

BNA_F

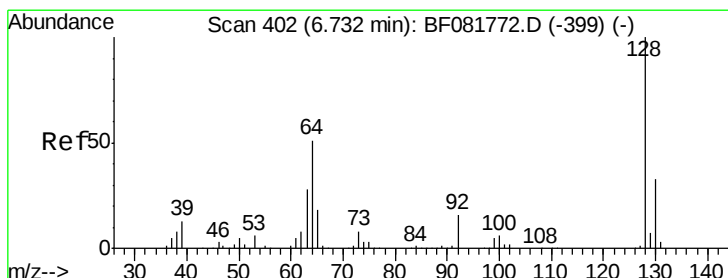
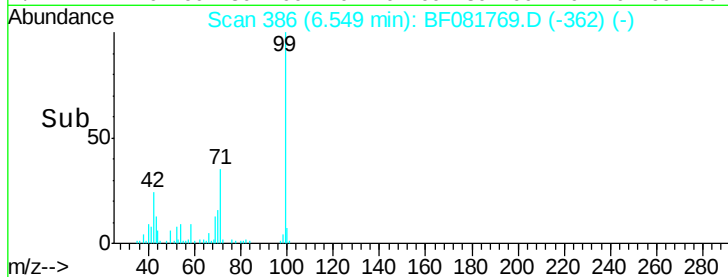
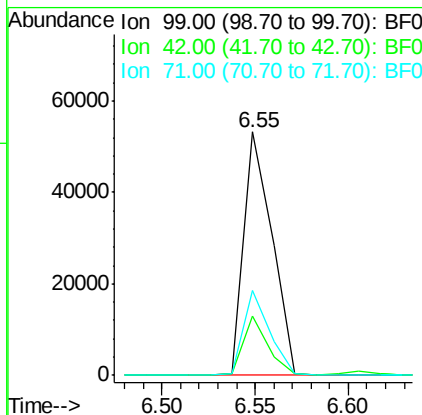
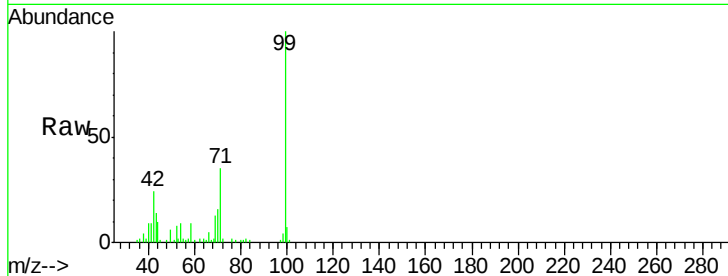
ClientSampleId :

SSTDICC02.5

Tgt Ion	Ratio	Lower	Upper
99	100		
42	24.1	15.6	23.4#
71	35.0	26.1	39.1

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#8

2-Chlorophenol

Concen: 2.66 ng

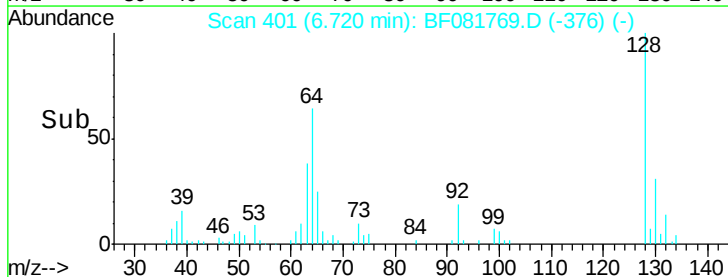
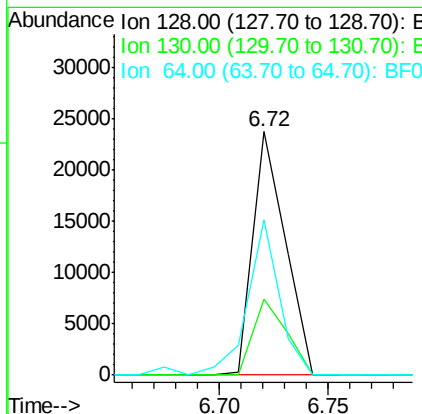
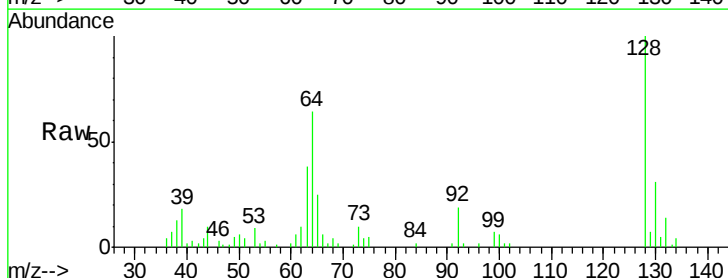
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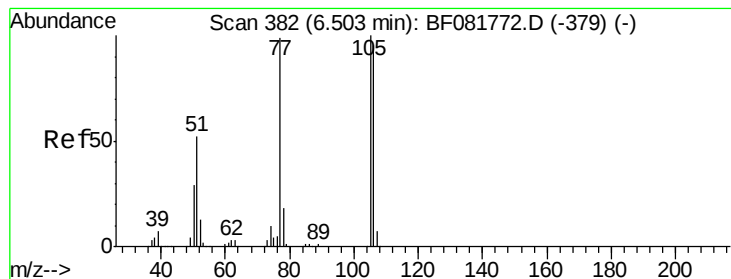
Delta R.T. -0.01 min

Lab File: BF081769.D

Acq: 24 Sep 2015 17:54

Tgt Ion	Ratio	Lower	Upper
128	100		
130	31.2	12.8	52.8
64	64.0	31.4	71.4





#9

Benzaldehyde

Concen: 2.81 ng

RT: 6.49 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF081769.D

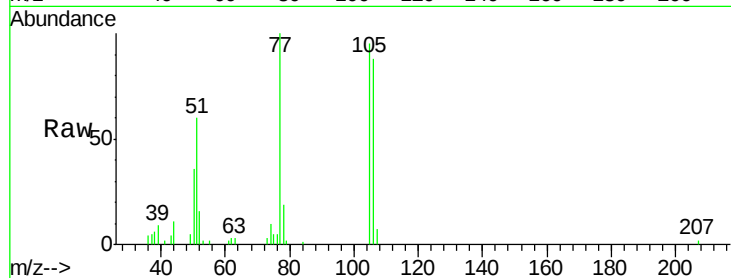
Acq: 24 Sep 2015 17:54

Instrument :

BNA_F

ClientSampleId :

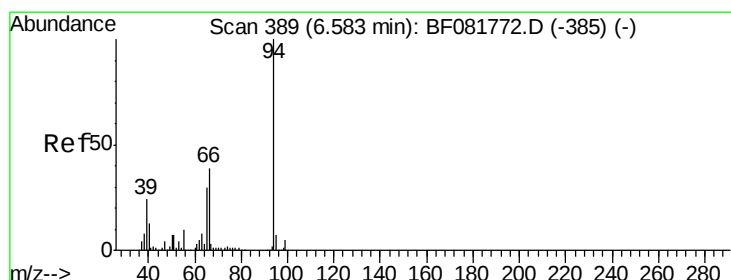
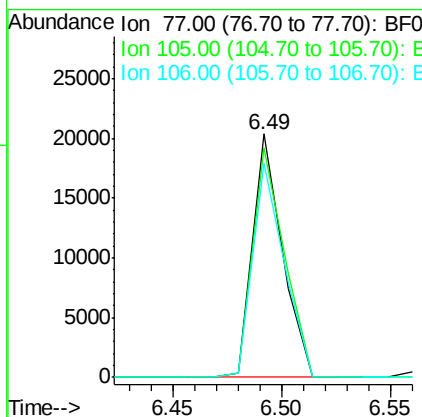
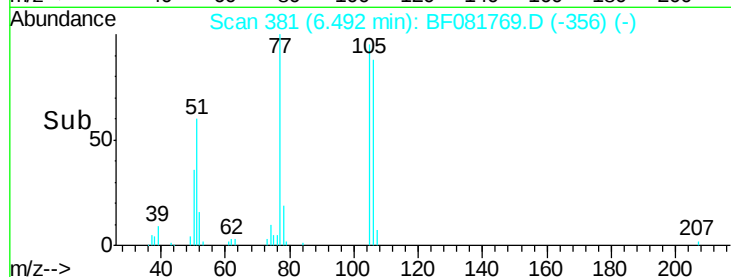
SSTDICC02.5



Tgt Ion:	77	Resp:	19313
Ion	Ratio	Lower	Upper
77	100		
105	94.5	81.4	121.4
106	87.8	76.6	116.6

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#10

Phenol

Concen: 2.59 ng m

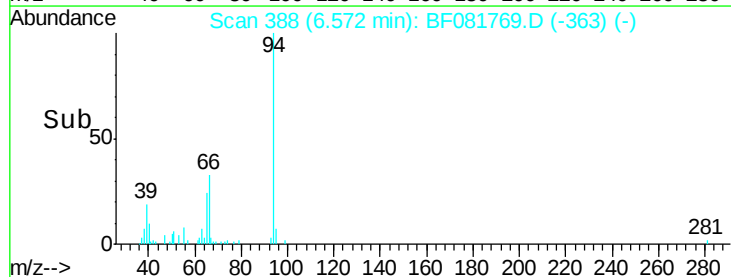
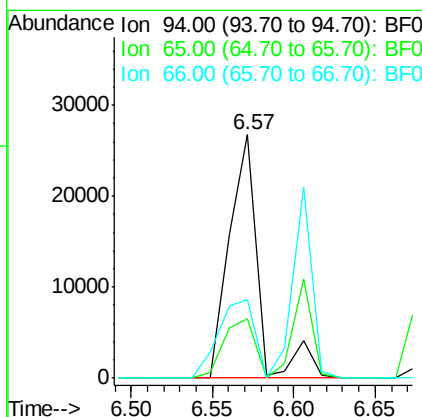
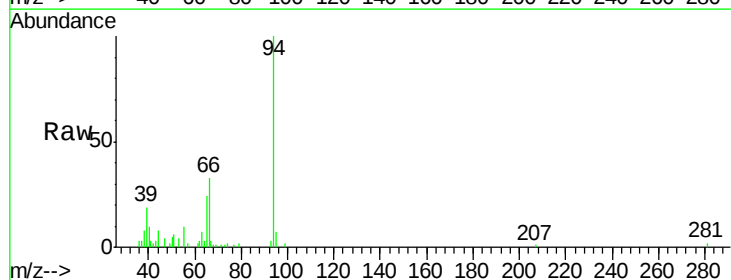
RT: 6.57 min Scan# 388

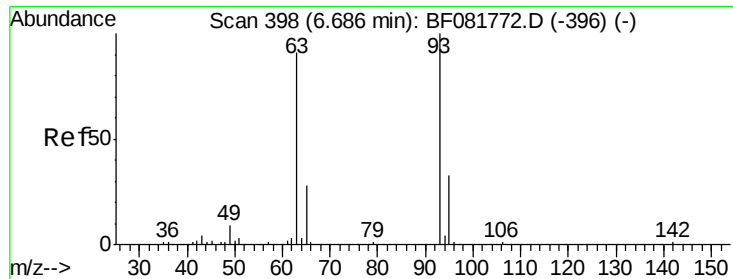
Delta R.T. -0.01 min

Lab File: BF081769.D

Acq: 24 Sep 2015 17:54

Tgt Ion:	94	Resp:	33002
Ion	Ratio	Lower	Upper
94	100		
65	24.3	10.4	50.4
66	32.5	19.4	59.4





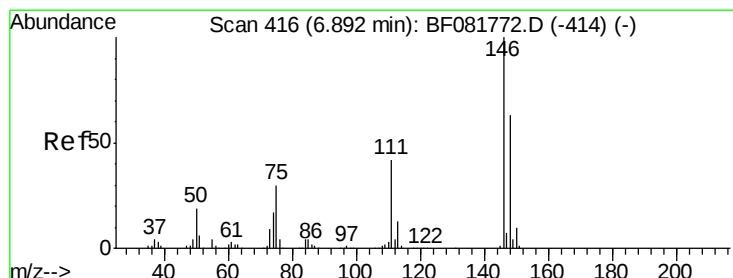
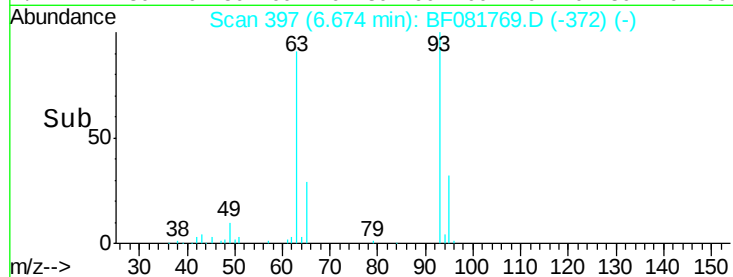
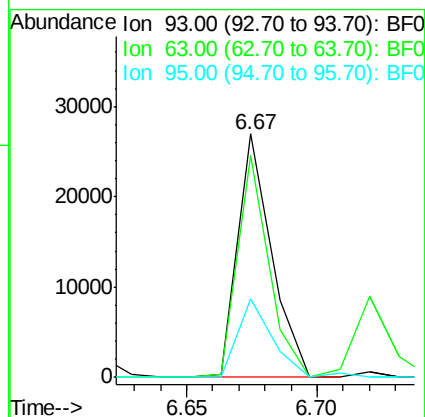
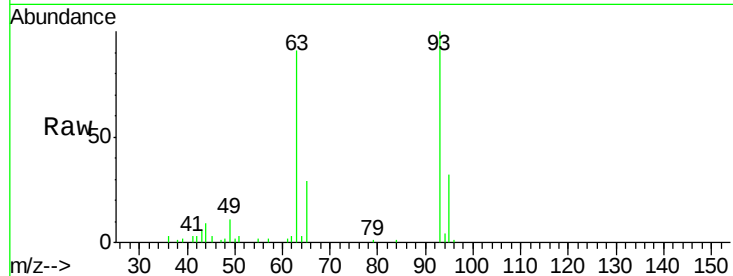
#11
 bis(2-Chloroethyl)ether
 Concen: 2.66 ng
 RT: 6.67 min Scan# 397
 Delta R.T. -0.01 min
 Lab File: BF081769.D
 Acq: 24 Sep 2015 17:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC02.5

Tgt Ion	Ratio	Lower	Upper
93	100		
63	90.9	71.3	111.3
95	32.5	13.1	53.1

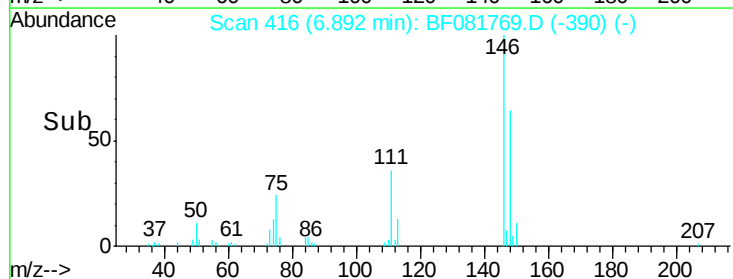
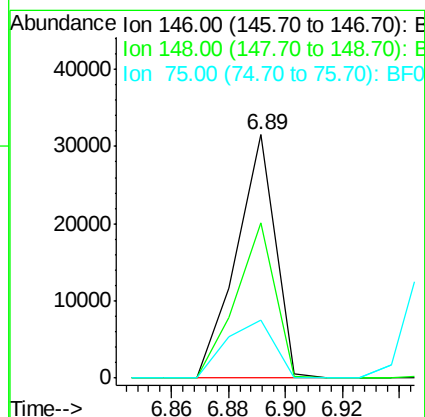
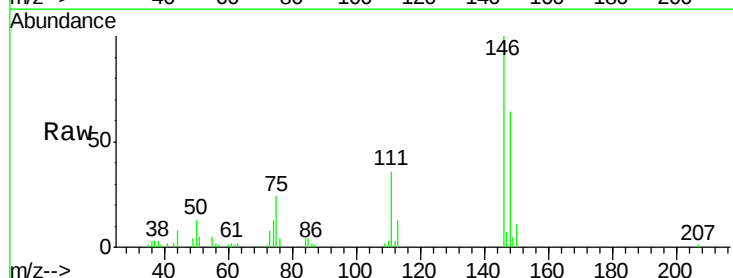
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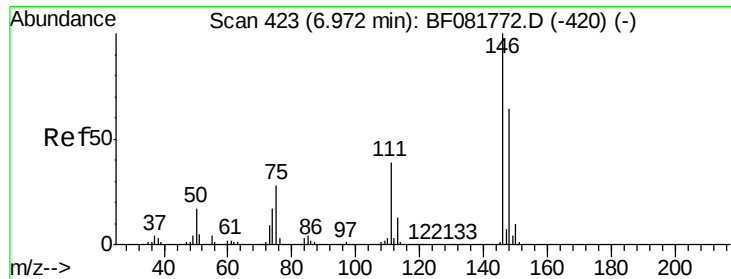
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#12
 1,3-Dichlorobenzene
 Concen: 2.98 ng m
 RT: 6.89 min Scan# 416
 Delta R.T. 0.00 min
 Lab File: BF081769.D
 Acq: 24 Sep 2015 17:54

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.7	76.1
75	23.6	24.3	36.5#





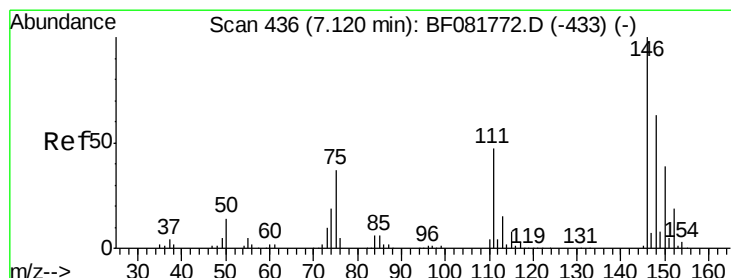
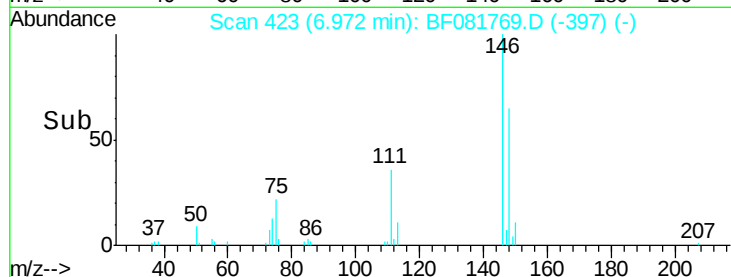
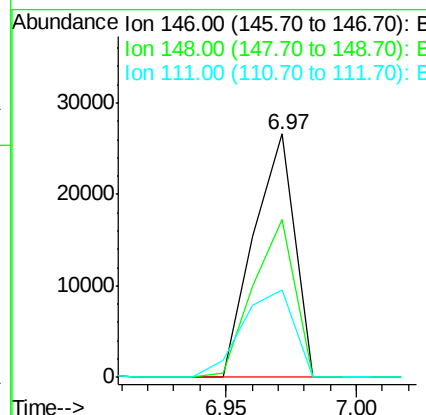
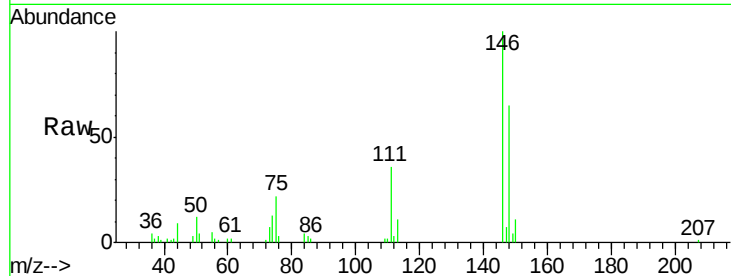
#13
 1,4-Dichlorobenzene
 Concen: 2.81 ng
 RT: 6.97 min Scan# 423
 Delta R.T. 0.00 min
 Lab File: BF081769.D
 Acq: 24 Sep 2015 17:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC02.5

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	28856		
148	64.6	51.3	76.9	
111	35.8	31.3	46.9	

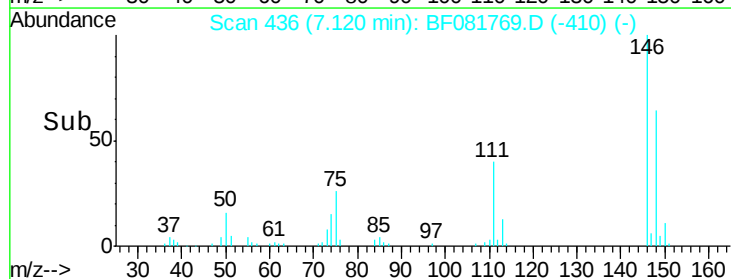
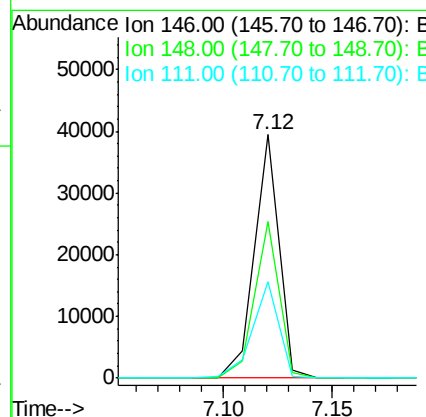
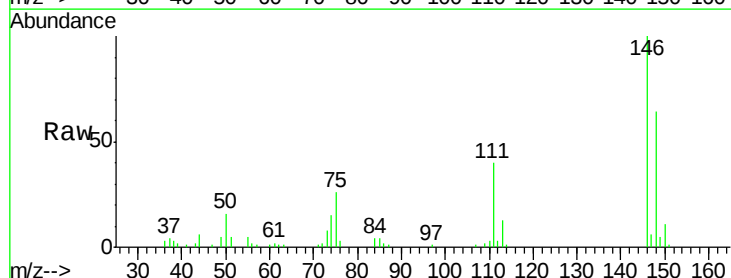
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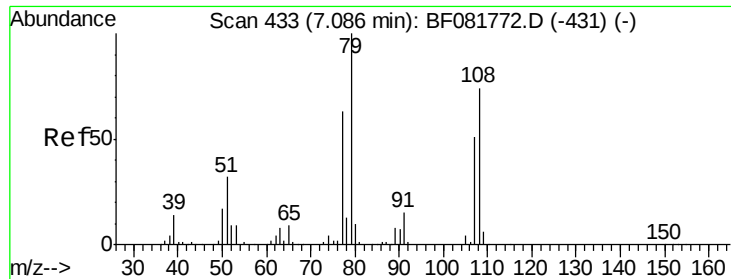
MMDadoda
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#14
 1,2-Dichlorobenzene
 Concen: 3.38 ng
 RT: 7.12 min Scan# 436
 Delta R.T. 0.00 min
 Lab File: BF081769.D
 Acq: 24 Sep 2015 17:54

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	30925		
148	64.2	50.6	75.8	
111	39.7	37.4	56.2	





#15

Benzyl Alcohol

Concen: 2.50 ng

RT: 7.09 min Scan# 433

Delta R.T. 0.00 min

Lab File: BF081769.D

Acq: 24 Sep 2015 17:54

Instrument :

BNA_F

ClientSampleId :

SSTDIC02.5

Tgt Ion: 79 Resp: 22305

Ion Ratio Lower Upper

79 100

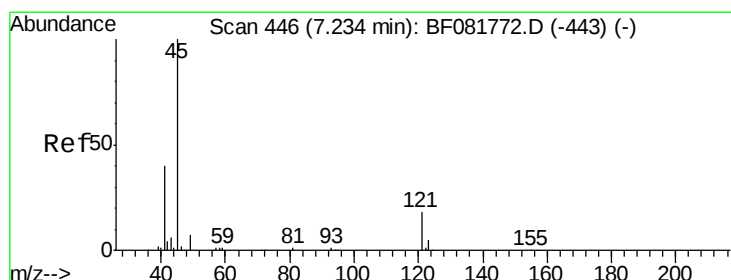
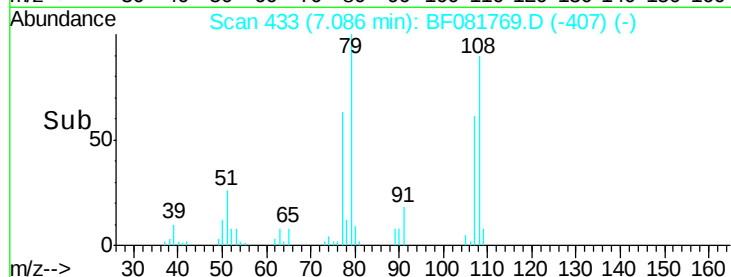
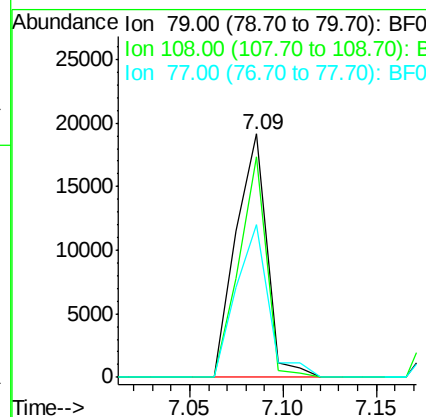
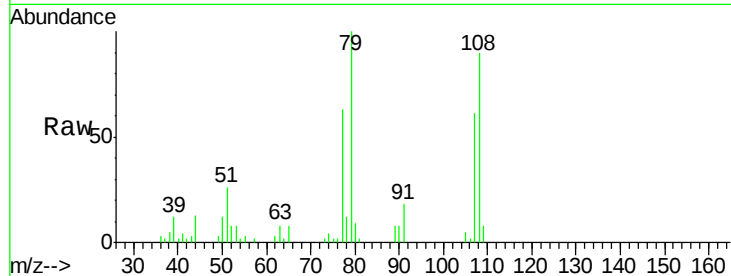
108 90.5 59.4 89.2#

77 62.5 50.8 76.2

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 2.27 ng

RT: 7.22 min Scan# 445

Delta R.T. -0.01 min

Lab File: BF081769.D

Acq: 24 Sep 2015 17:54

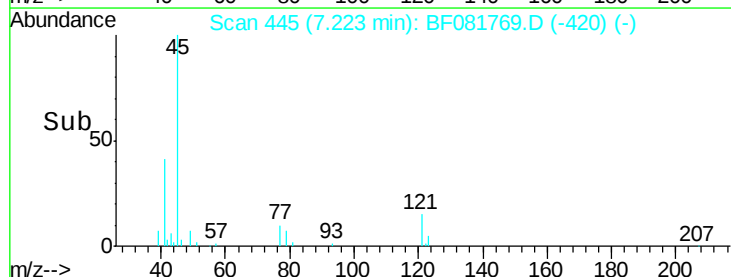
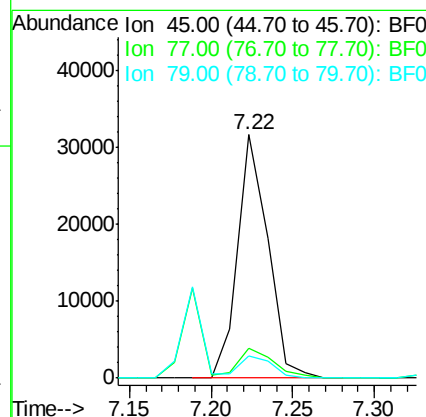
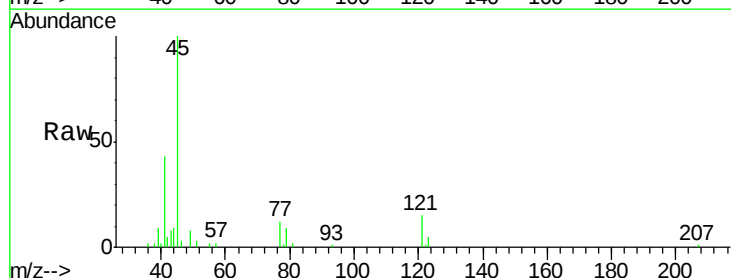
Tgt Ion: 45 Resp: 40330

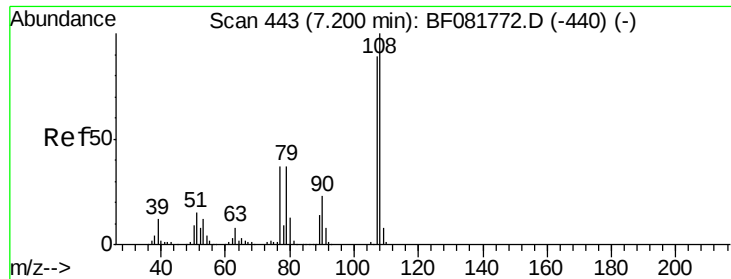
Ion Ratio Lower Upper

45 100

77 12.0 0.0 32.3

79 9.1 0.0 29.7





#17

2-Methylphenol

Concen: 2.90 ng

RT: 7.19 min Scan# 442

Delta R.T. -0.01 min

Lab File: BF081769.D

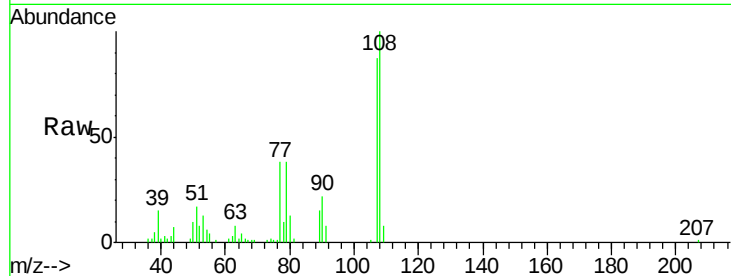
Acq: 24 Sep 2015 17:54

Instrument :

BNA_F

ClientSampleId :

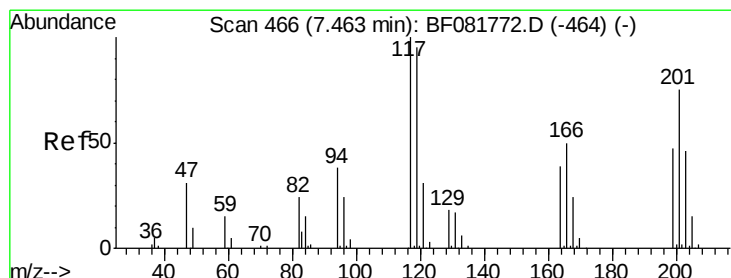
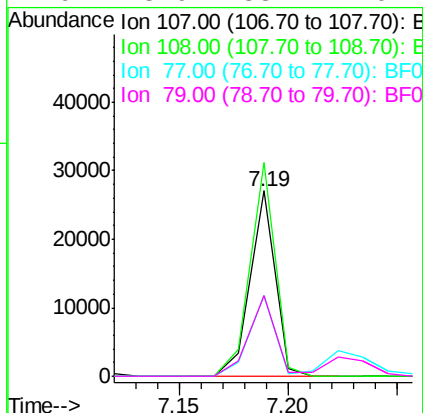
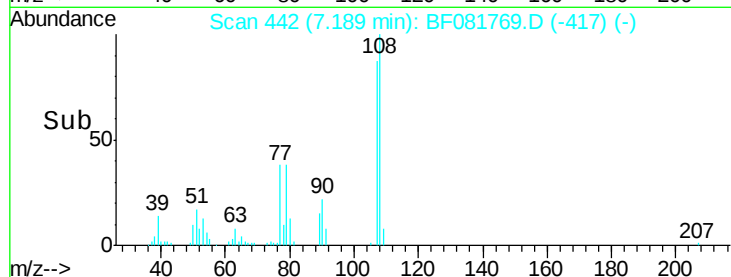
SSTDICC02.5



Tgt Ion:	107	Resp:	21527
Ion Ratio	Lower	Upper	
107	100		
108	115.4	90.3	135.5
77	43.5	33.5	50.3
79	43.9	33.1	49.7

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#18

Hexachloroethane

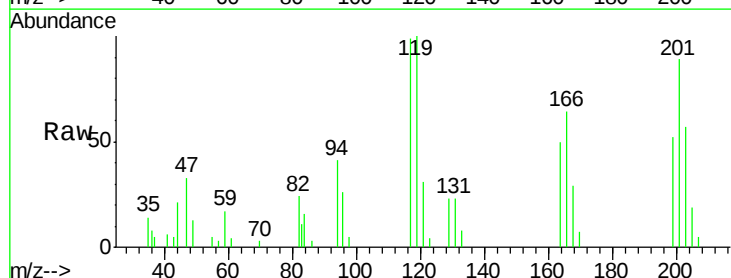
Concen: 2.46 ng

RT: 7.46 min Scan# 466

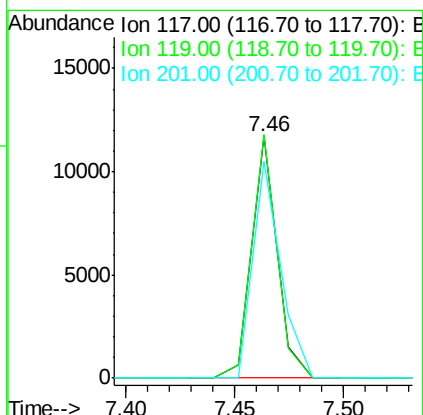
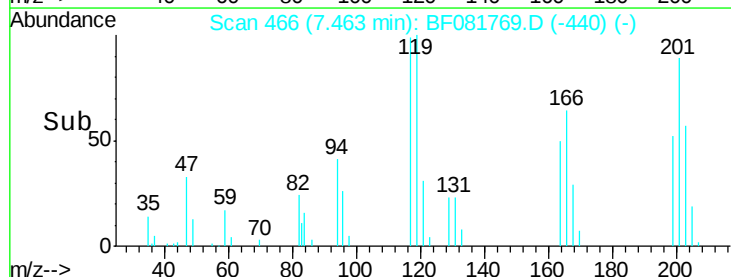
Delta R.T. 0.00 min

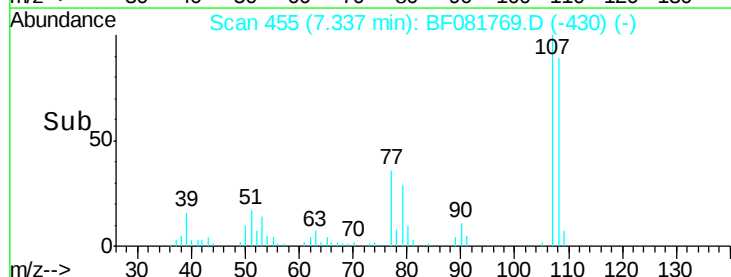
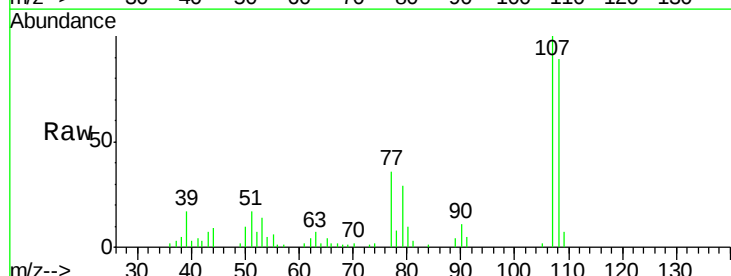
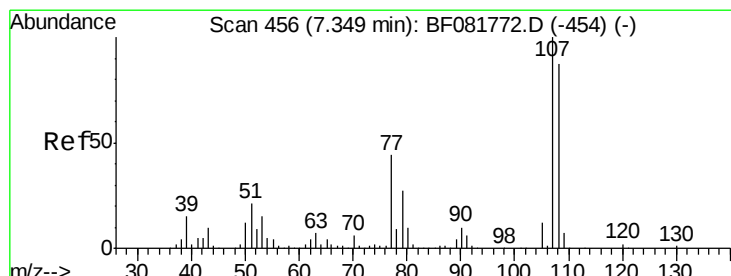
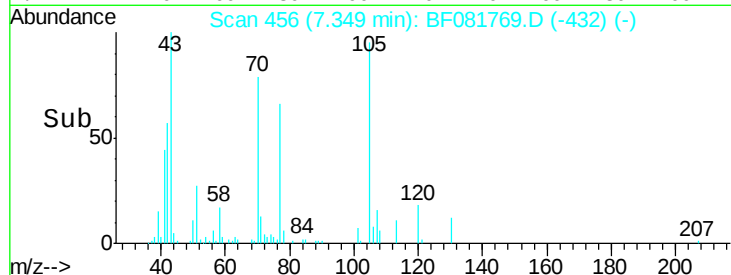
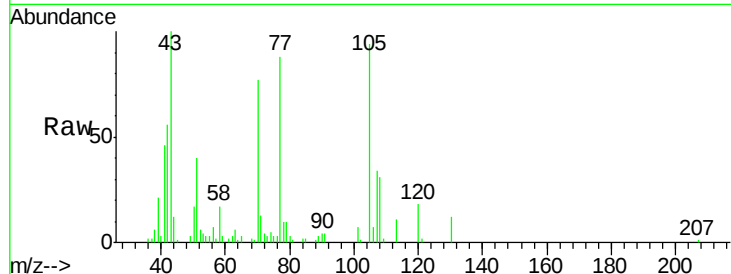
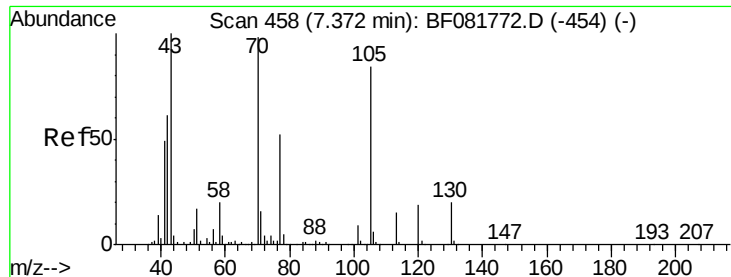
Lab File: BF081769.D

Acq: 24 Sep 2015 17:54



Tgt Ion:	117	Resp:	9517
Ion Ratio	Lower	Upper	
117	100		
119	100.6	75.9	113.9
201	89.7	60.3	90.5





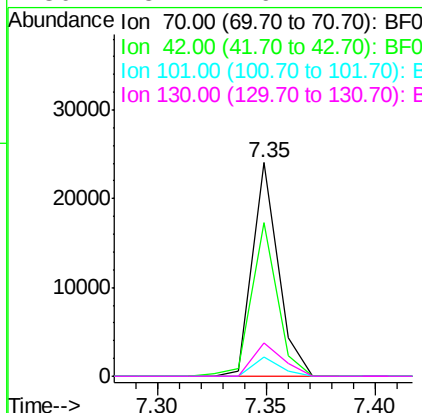
#19
n-Nitroso-di-n-propylamine
Concen: 2.61 ng
RT: 7.35 min Scan# 456
Delta R.T. -0.02 min
Lab File: BF081769.D
Acq: 24 Sep 2015 17:54

Instrument :
BNA_F
ClientSampleId :
SSTDIC02.5

Tgt Ion	Ratio	Lower	Upper
70	100		
42	72.0	49.8	74.8
101	9.2	7.5	11.3
130	15.7	16.2	24.4

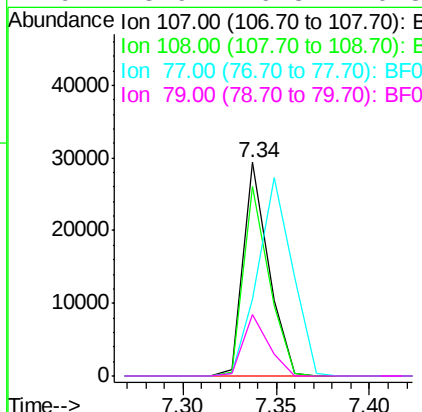
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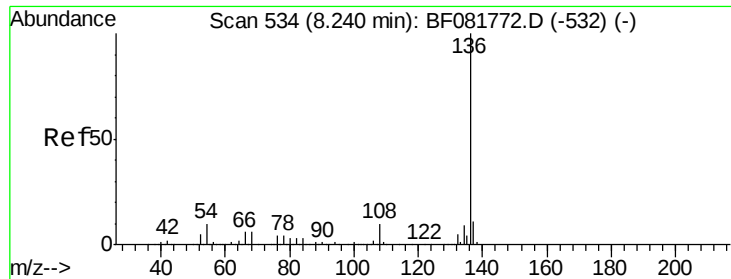
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#20
3+4-Methylphenols
Concen: 2.84 ng
RT: 7.34 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF081769.D
Acq: 24 Sep 2015 17:54

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.8	66.8	106.8
77	36.2	23.6	63.6
79	28.9	6.8	46.8





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.24 min Scan# 534

Delta R.T. 0.00 min

Lab File: BF081769.D

Acq: 24 Sep 2015 17:54

Instrument :

BNA_F

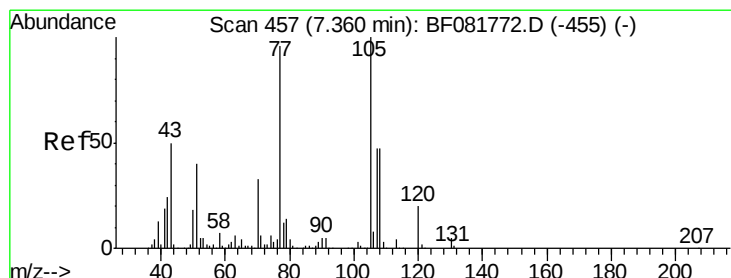
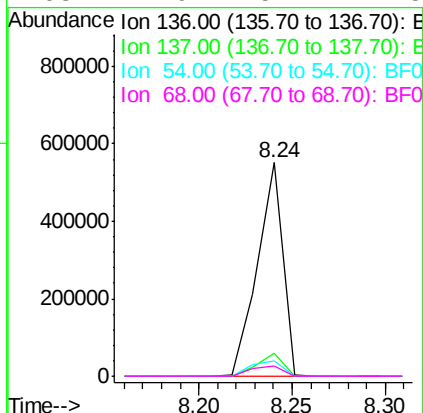
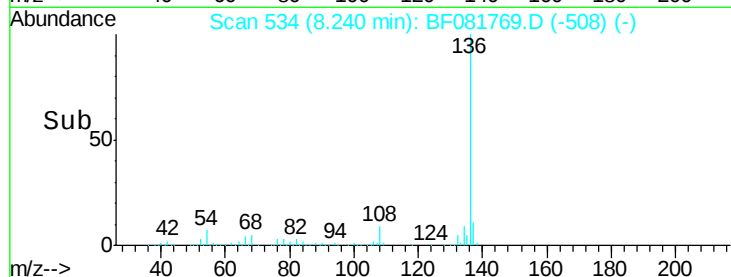
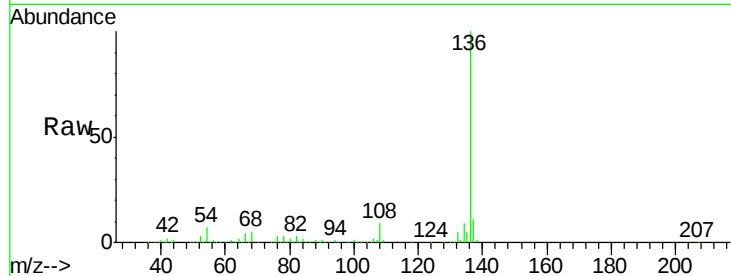
ClientSampleId :

SSTDICC02.5

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	527752		
137	10.7	8.9	13.3	
54	7.0	7.8	11.6#	
68	4.9	5.2	7.8#	

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#22

Acetophenone

Concen: 2.56 ng

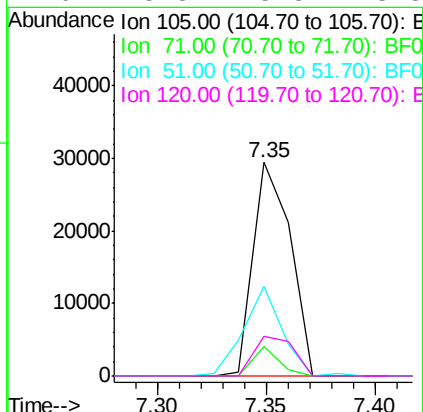
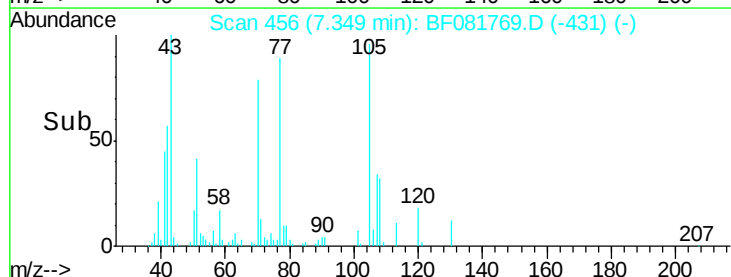
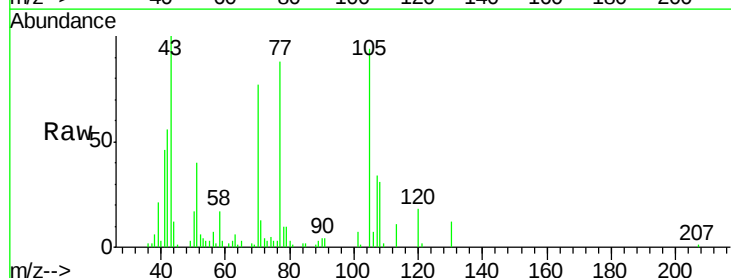
RT: 7.35 min Scan# 456

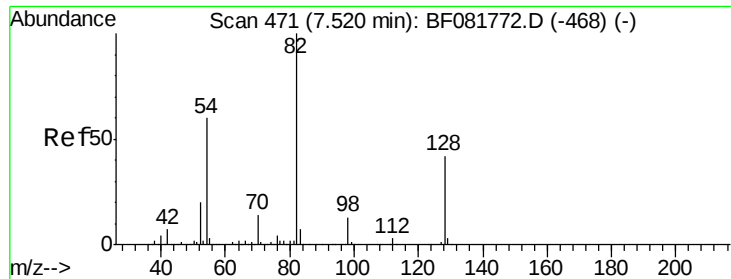
Delta R.T. -0.01 min

Lab File: BF081769.D

Acq: 24 Sep 2015 17:54

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	35092		
71	13.8	4.5	6.7#	
51	42.2	32.3	48.5	
120	18.8	15.8	23.8	





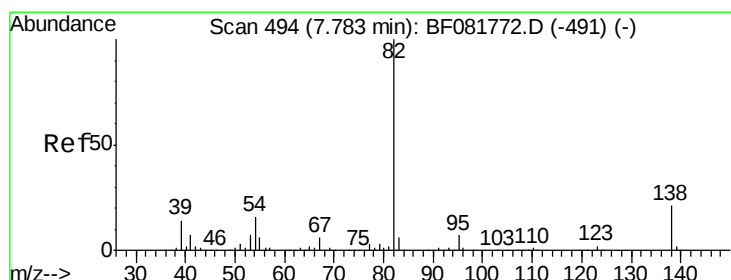
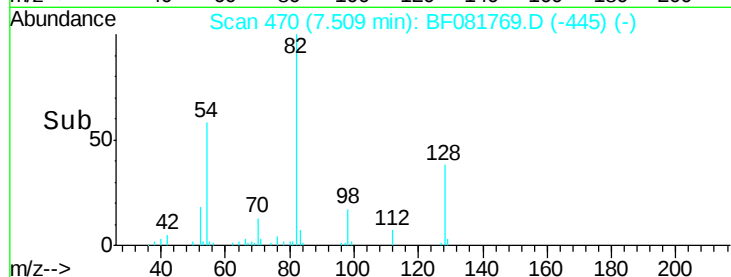
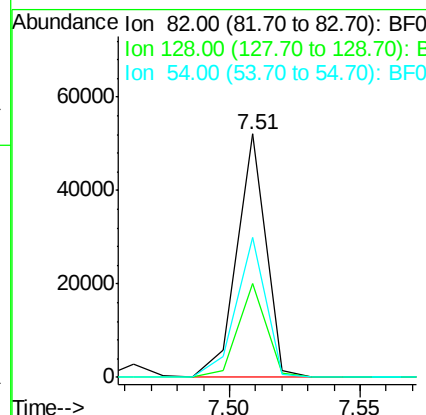
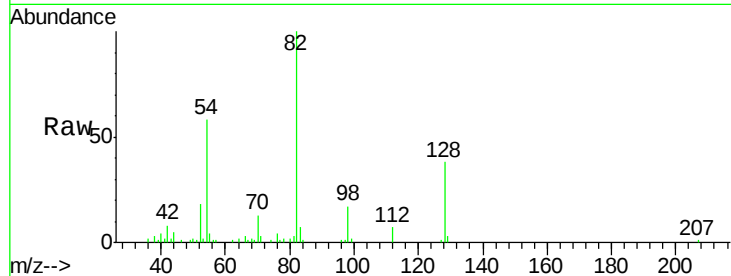
#23
 Nitrobenzene-d5
 Concen: 3.91 ng
 RT: 7.51 min Scan# 470
 Delta R.T. -0.01 min
 Lab File: BF081769.D
 Acq: 24 Sep 2015 17:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC02.5

Tgt Ion	Ratio	Lower	Upper
82	100		
128	38.4	33.8	50.8
54	57.5	47.9	71.9

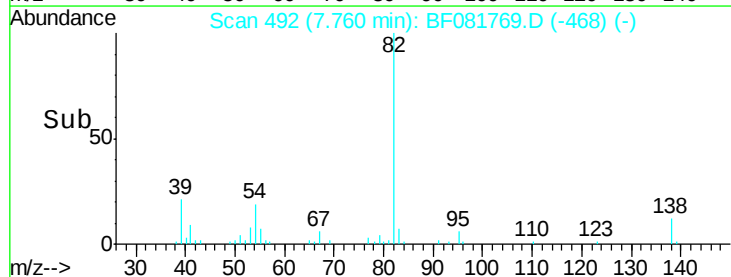
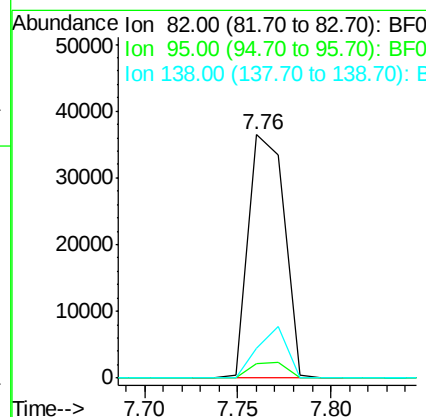
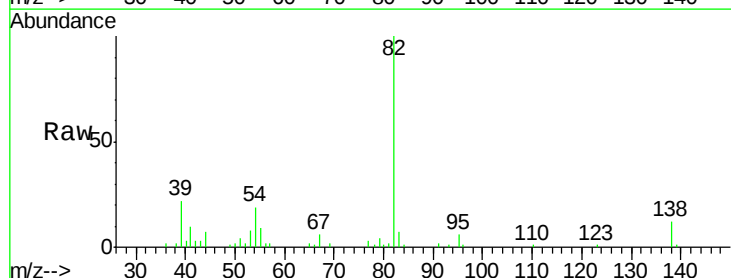
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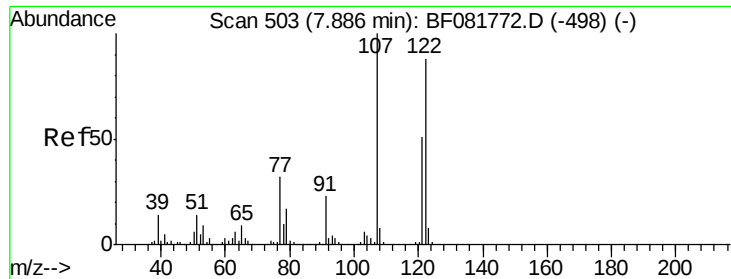
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#25
 Isophorone
 Concen: 2.44 ng
 RT: 7.76 min Scan# 492
 Delta R.T. -0.02 min
 Lab File: BF081769.D
 Acq: 24 Sep 2015 17:54

Tgt Ion	Ratio	Lower	Upper
82	100		
95	5.8	5.6	8.4
138	12.5	16.9	25.3#





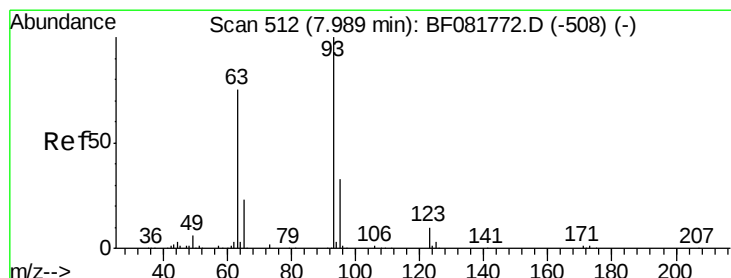
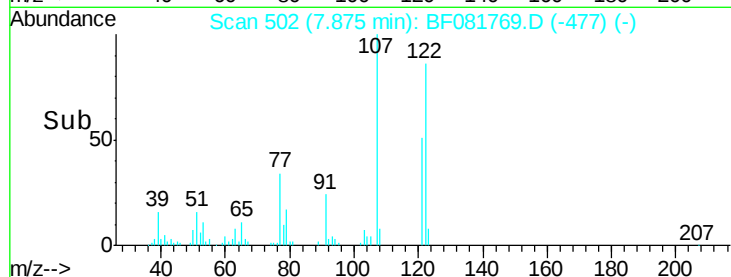
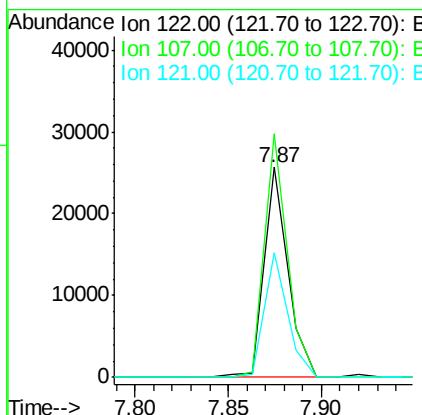
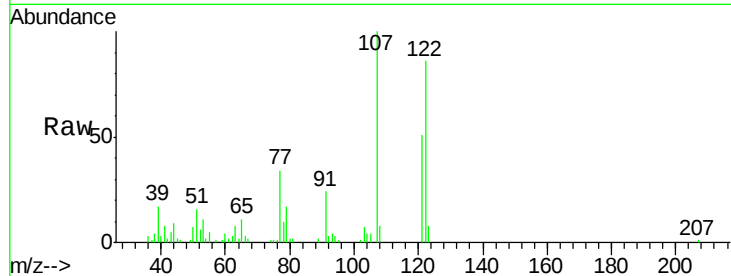
#27
2,4-Dimethylphenol
Concen: 2.71 ng
RT: 7.87 min Scan# 502
Delta R.T. -0.01 min
Lab File: BF081769.D
Acq: 24 Sep 2015 17:54

Instrument :
BNA_F
ClientSampleId :
SSTDIC02.5

Tgt Ion	Ratio	Lower	Upper
122	100		
107	115.9	91.0	136.4
121	59.5	46.2	69.2

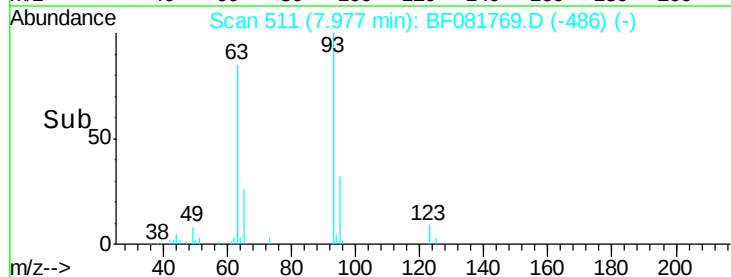
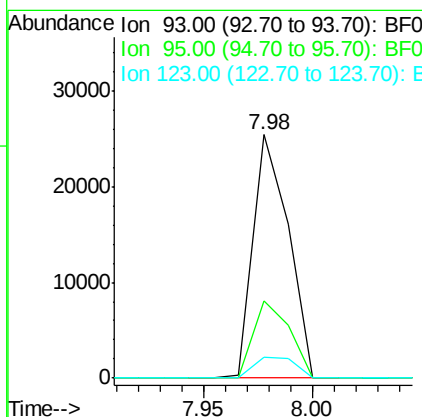
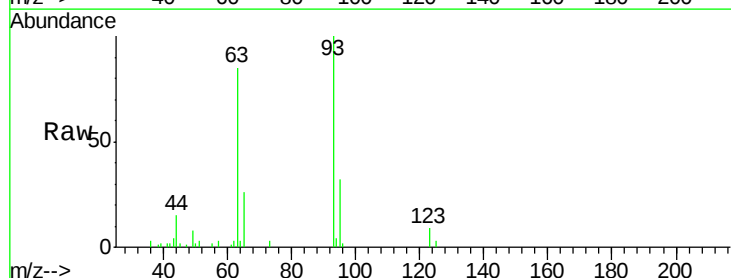
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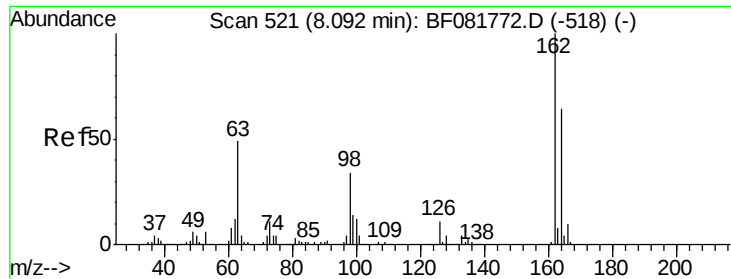
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#28
bis(2-Chloroethoxy)methane
Concen: 2.54 ng
RT: 7.98 min Scan# 511
Delta R.T. -0.01 min
Lab File: BF081769.D
Acq: 24 Sep 2015 17:54

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.6	26.6	40.0
123	8.7	8.2	12.2





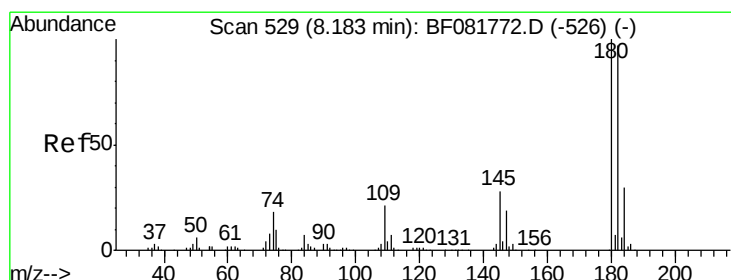
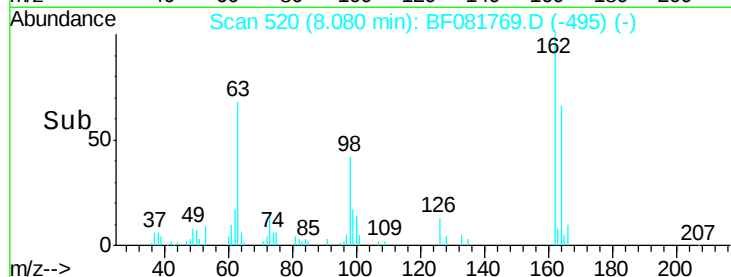
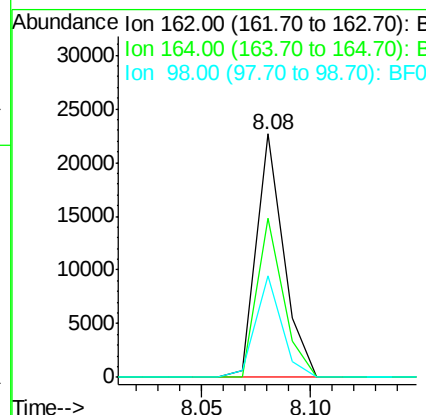
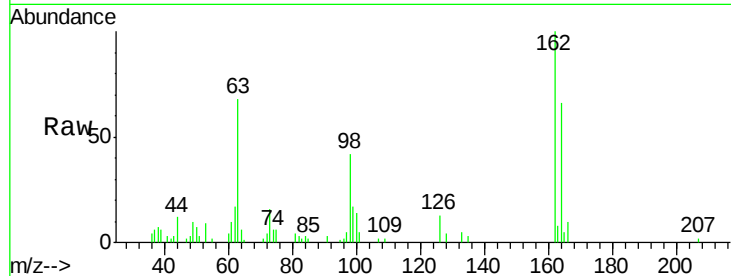
#29
 2,4-Dichlorophenol
 Concen: 2.67 ng
 RT: 8.08 min Scan# 520
 Delta R.T. -0.01 min
 Lab File: BF081769.D
 Acq: 24 Sep 2015 17:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC02.5

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.5	44.3	84.3
98	41.6	13.7	53.7

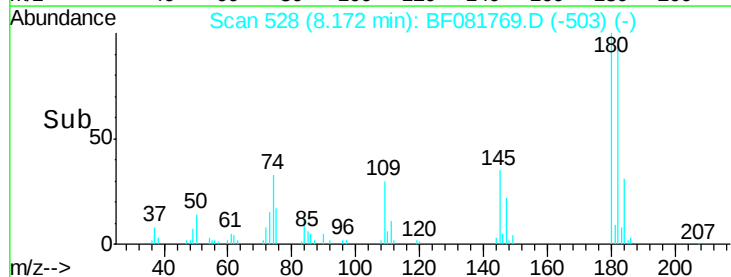
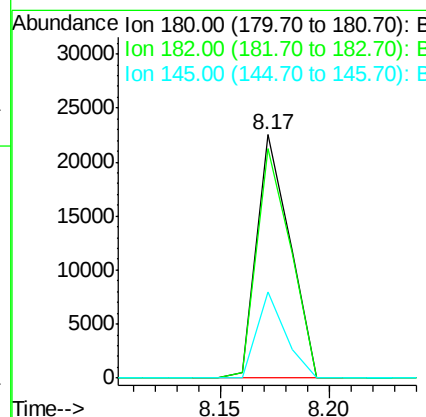
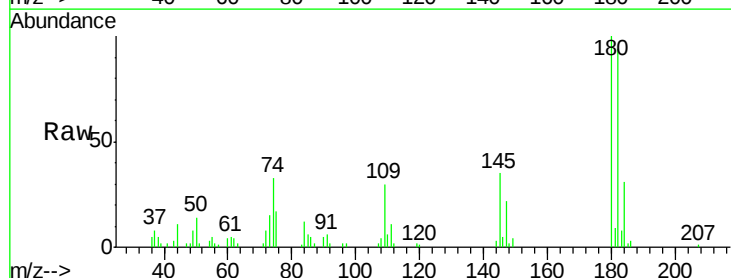
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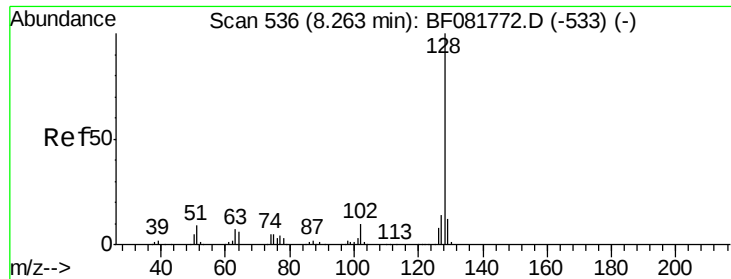
MMDadoda
 9/25/2015 3:35:57 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 2.97 ng
 RT: 8.17 min Scan# 528
 Delta R.T. -0.01 min
 Lab File: BF081769.D
 Acq: 24 Sep 2015 17:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	77.4	116.0
145	35.4	22.6	34.0#





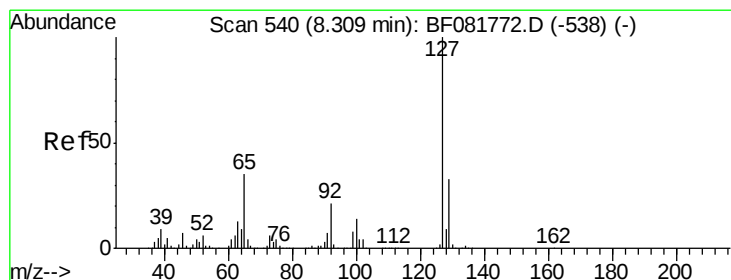
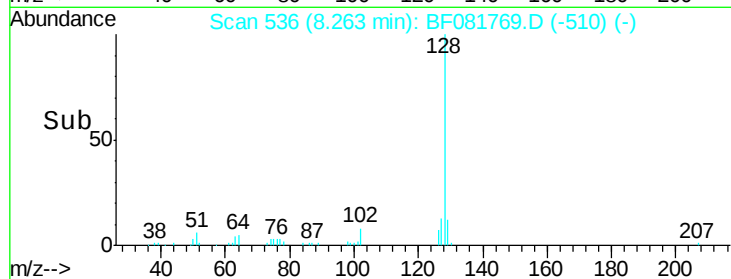
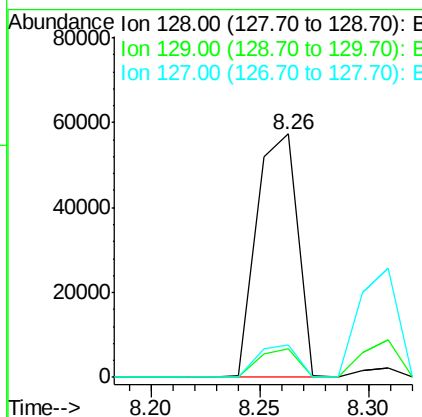
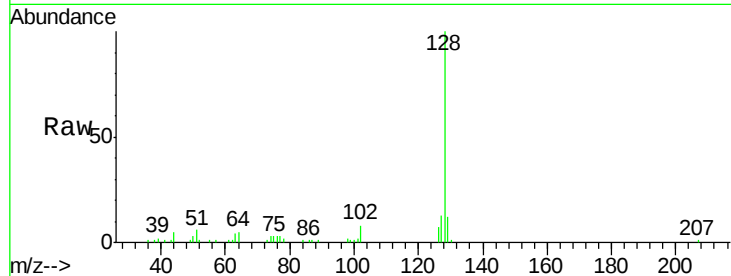
#31
Naphthalene
Concen: 2.76 ng
RT: 8.26 min Scan# 536
Delta R.T. 0.00 min
Lab File: BF081769.D
Acq: 24 Sep 2015 17:54

Instrument :
BNA_F
ClientSampleId :
SSTDIC02.5

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.6	14.4
127	13.2	11.1	16.7

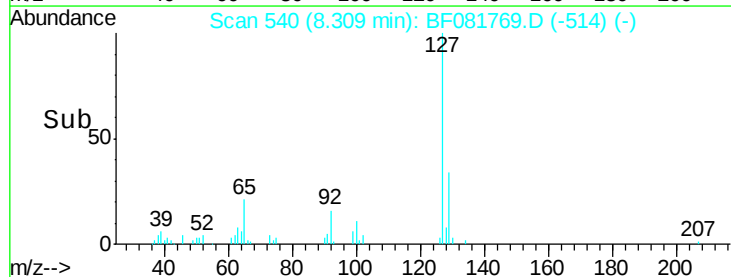
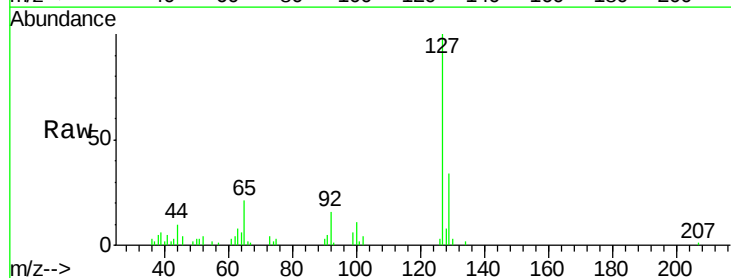
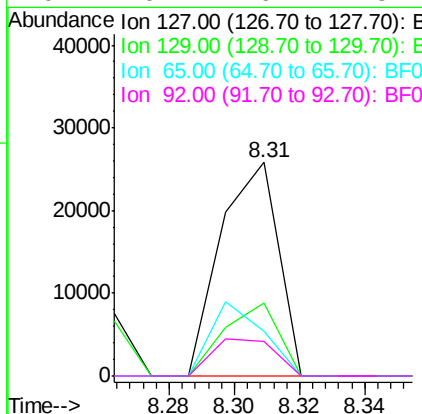
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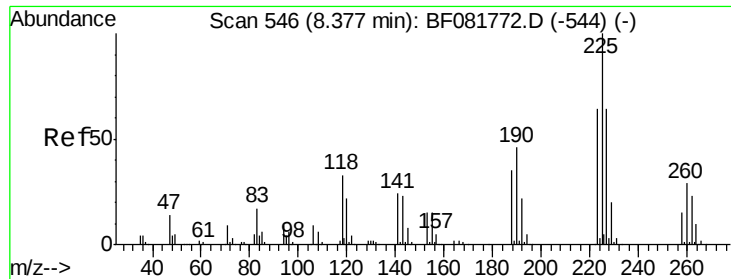
MMDadoda
9/25/2015 3:35:57 PM



#33
4-Chloroaniline
Concen: 2.84 ng
RT: 8.31 min Scan# 540
Delta R.T. 0.00 min
Lab File: BF081769.D
Acq: 24 Sep 2015 17:54

Tgt Ion	Ratio	Lower	Upper
127	100		
129	34.3	26.3	39.5
65	20.9	27.9	41.9#
92	16.4	16.7	25.1#





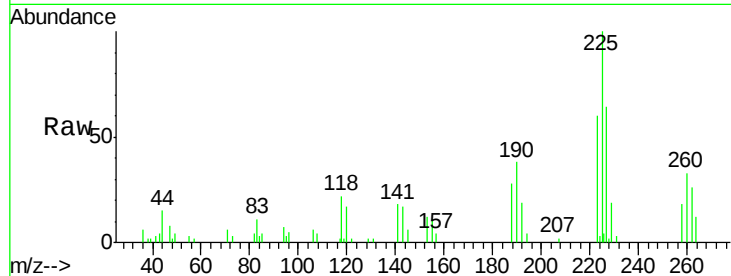
#34
Hexachlorobutadiene
Concen: 3.10 ng
RT: 8.38 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF081769.D
Acq: 24 Sep 2015 17:54

Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.2	51.6	77.4
227	63.5	51.4	77.0

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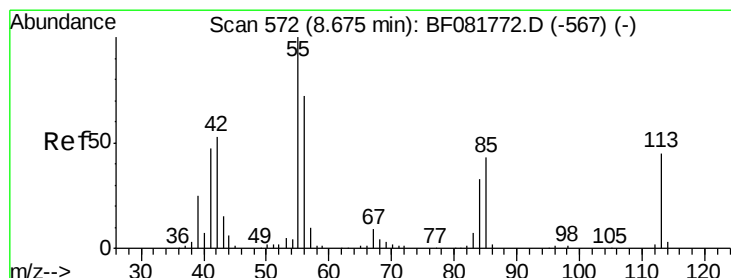
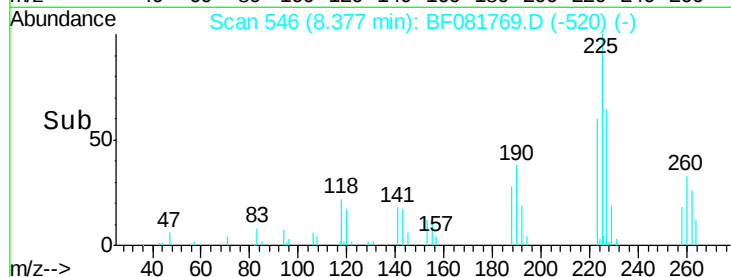
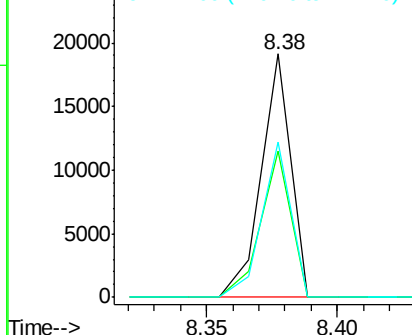


Abundance

Ion 225.00 (224.70 to 225.70): E

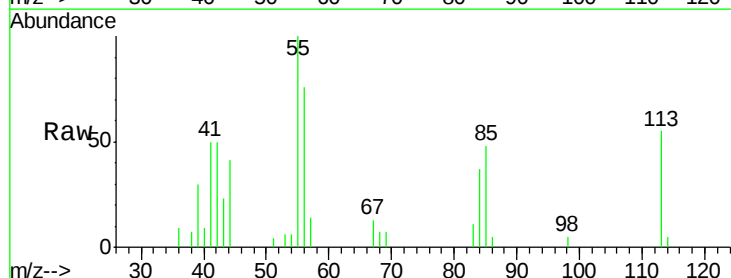
Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#35
Caprolactam
Concen: 2.07 ng
RT: 8.63 min Scan# 568
Delta R.T. -0.05 min
Lab File: BF081769.D
Acq: 24 Sep 2015 17:54

Tgt Ion	Ratio	Lower	Upper
113	100		
55	180.6	202.2	242.2#
56	137.2	140.2	180.2#

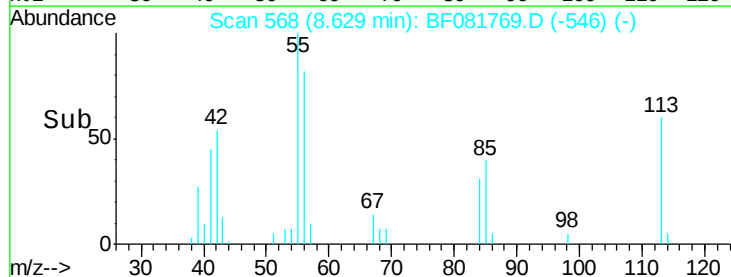
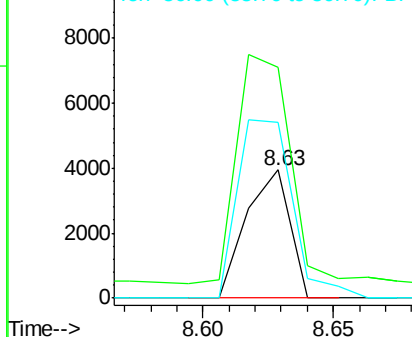


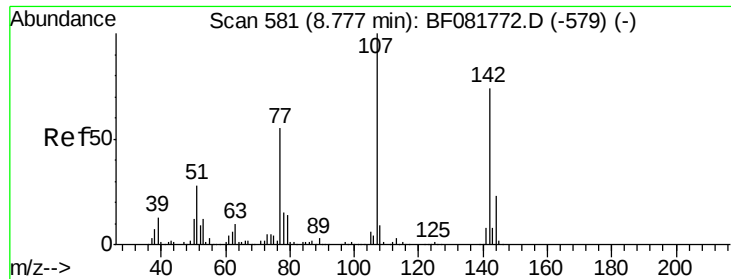
Abundance

Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0





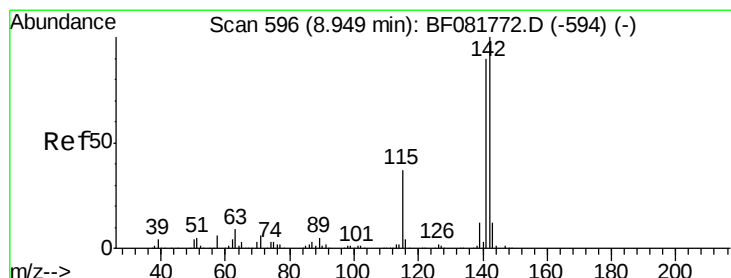
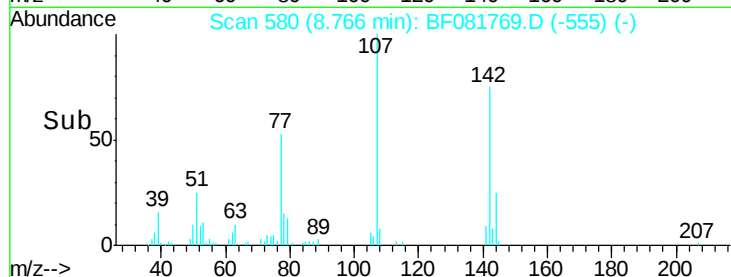
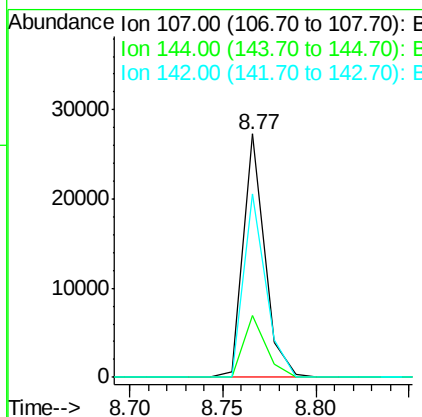
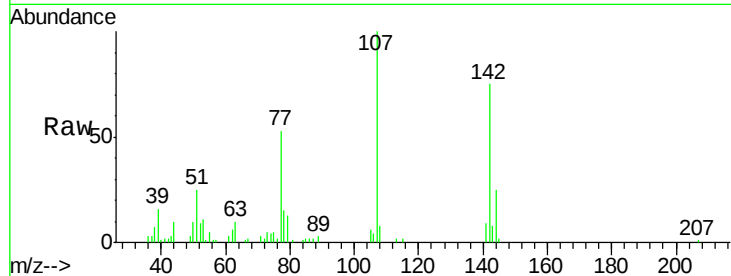
#36
4-Chloro-3-methylphenol
Concen: 2.74 ng
RT: 8.77 min Scan# 580
Delta R.T. -0.01 min
Lab File: BF081769.D
Acq: 24 Sep 2015 17:54

Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.2	18.7	28.1
142	75.4	59.1	88.7

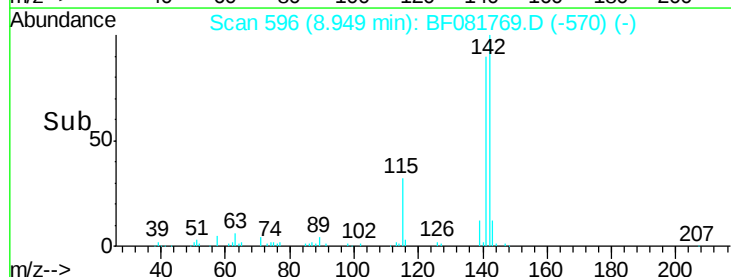
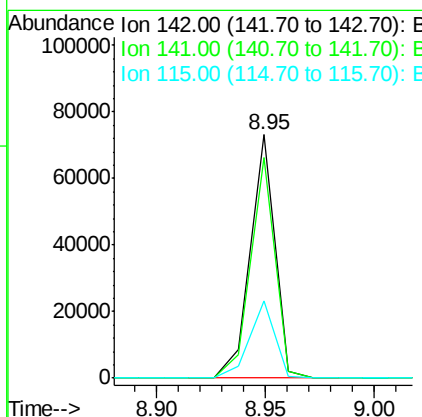
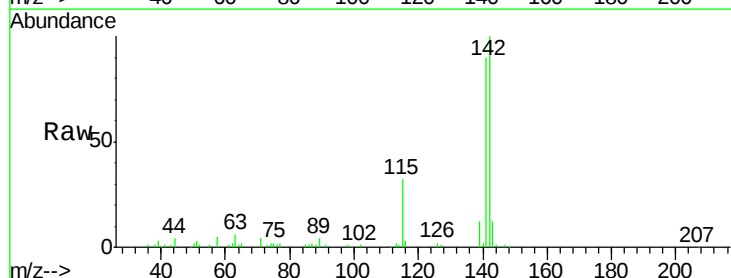
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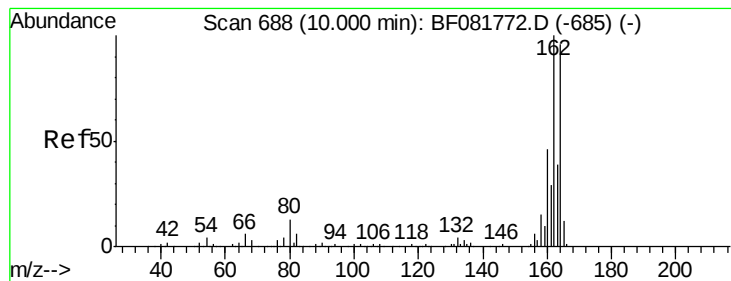
MMDadoda
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#37
2-Methylnaphthalene
Concen: 3.22 ng
RT: 8.95 min Scan# 596
Delta R.T. 0.00 min
Lab File: BF081769.D
Acq: 24 Sep 2015 17:54

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.4	72.3	108.5
115	31.5	29.7	44.5





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.99 min Scan# 687

Delta R.T. -0.01 min

Lab File: BF081769.D

Acq: 24 Sep 2015 17:54

Instrument :

BNA_F

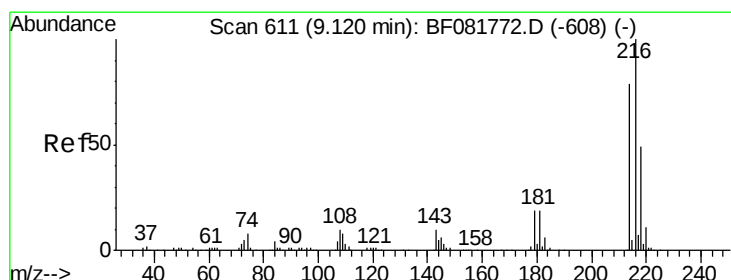
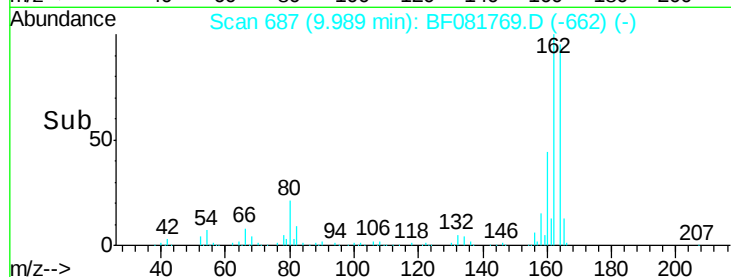
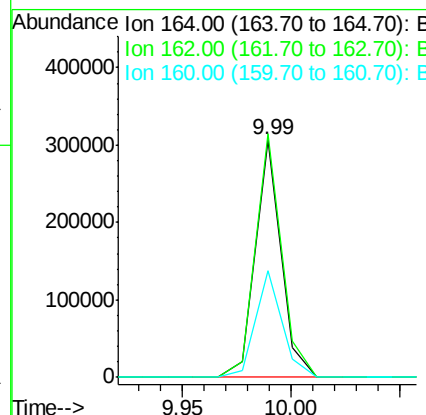
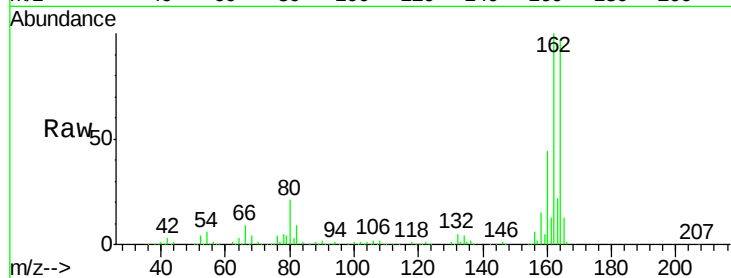
ClientSampleId :

SSTDICC02.5

Tgt Ion:	164	Resp:	251114
Ion Ratio	Lower	Upper	
164	100		
162	102.6	83.7	125.5
160	45.1	38.6	57.8

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#39

1,2,4,5-Tetrachlorobenzene

Concen: 3.28 ng

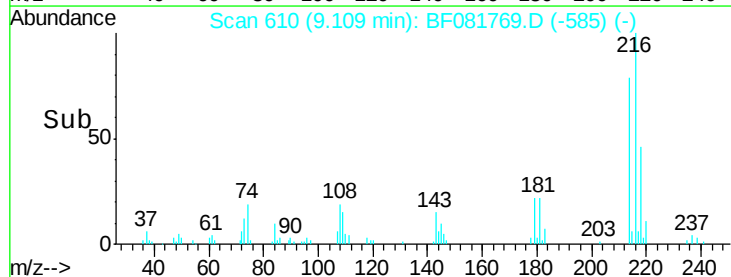
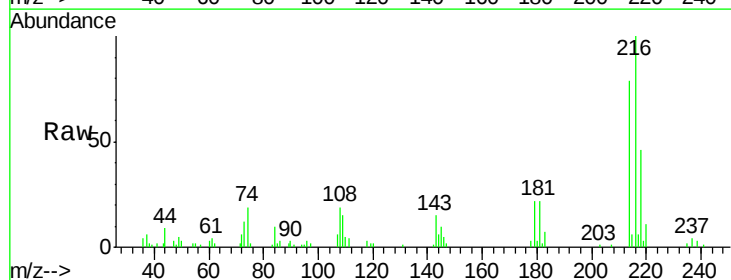
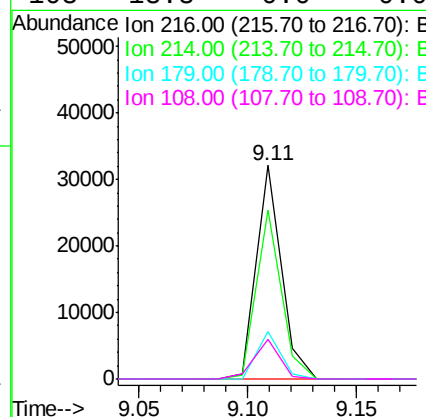
RT: 9.11 min Scan# 610

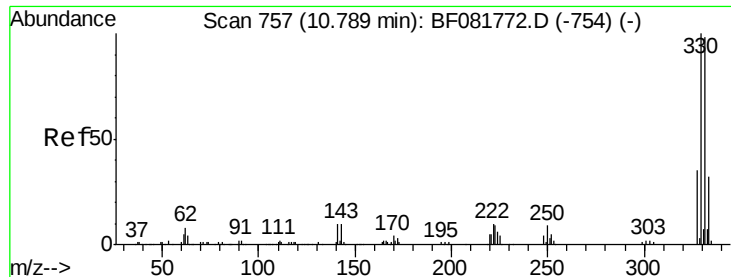
Delta R.T. -0.01 min

Lab File: BF081769.D

Acq: 24 Sep 2015 17:54

Tgt Ion:	216	Resp:	25737
Ion Ratio	Lower	Upper	
216	100		
214	78.6	0.0	0.0#
179	21.1	0.0	0.0#
108	18.8	0.0	0.0#





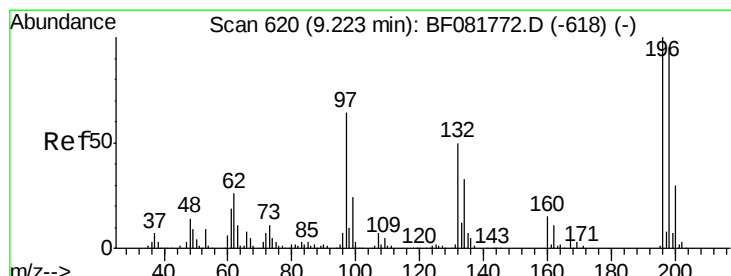
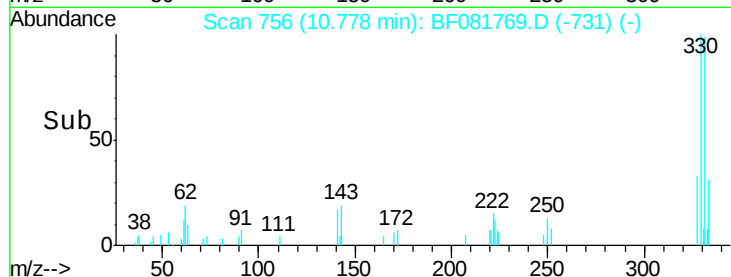
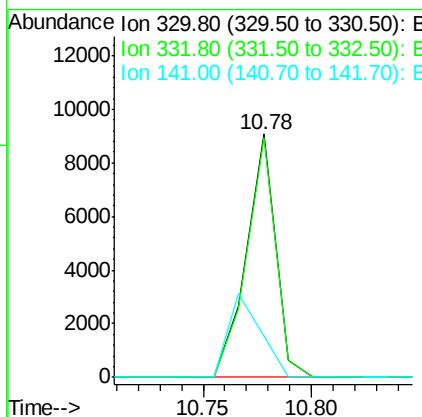
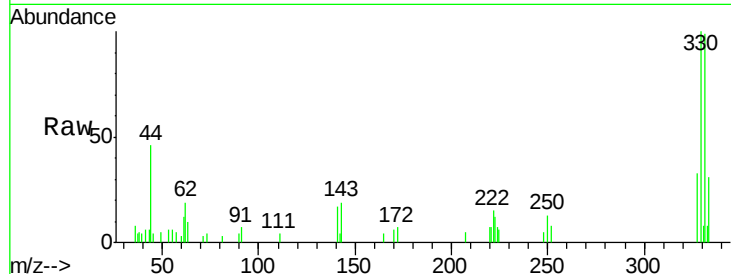
#41
 2,4,6-Tribromophenol
 Concen: 3.84 ng
 RT: 10.78 min Scan# 756
 Delta R.T. -0.01 min
 Lab File: BF081769.D
 Acq: 24 Sep 2015 17:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC02.5

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	98.3	0.0	0.0#
141	37.6	0.0	0.0#

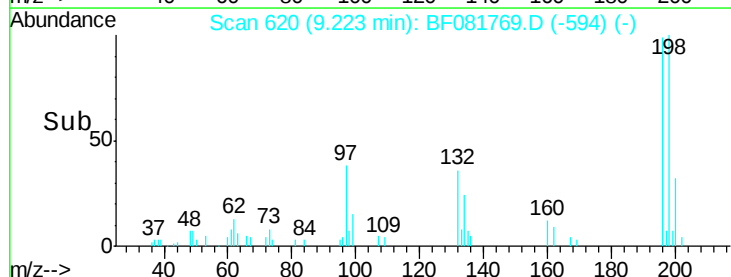
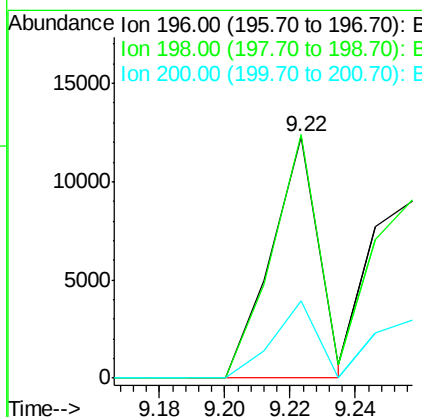
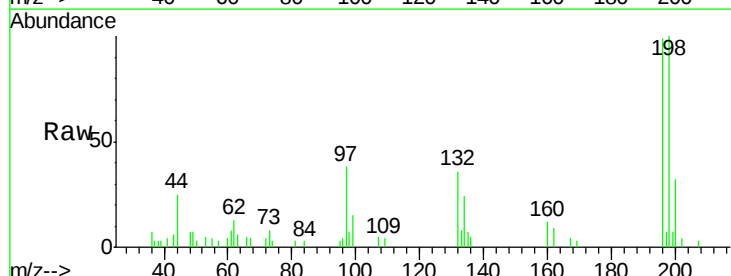
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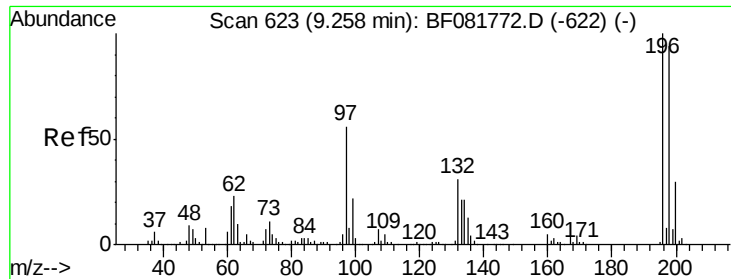
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#42
 2,4,6-Trichlorophenol
 Concen: 2.26 ng
 RT: 9.22 min Scan# 620
 Delta R.T. 0.00 min
 Lab File: BF081769.D
 Acq: 24 Sep 2015 17:54

Tgt Ion	Ratio	Resp Lower	Resp Upper
196	100		
198	100.9	75.6	113.4
200	32.0	23.8	35.8





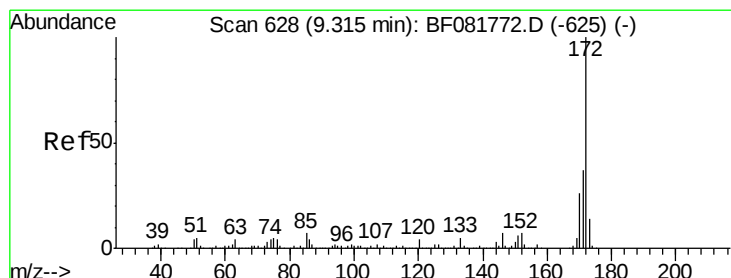
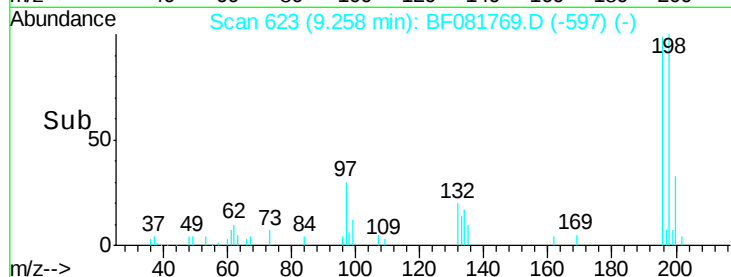
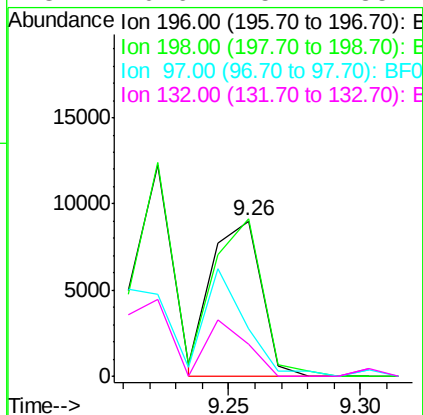
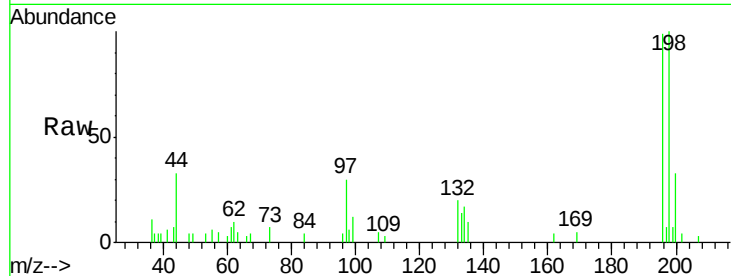
#43
 2,4,5-Trichlorophenol
 Concen: 2.17 ng m
 RT: 9.26 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF081769.D
 Acq: 24 Sep 2015 17:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC02.5

Tgt Ion	Ratio	Lower	Upper
196	100		
198	101.0	75.1	112.7
97	30.8	47.0	70.6#
132	20.6	25.4	38.2#

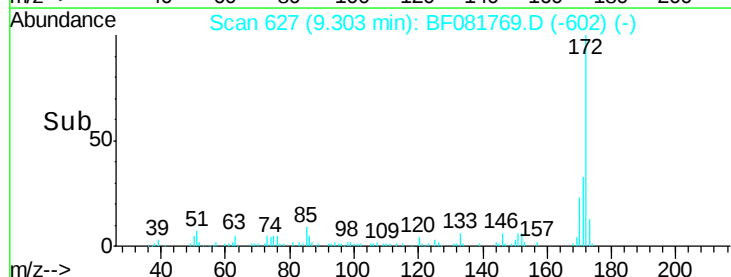
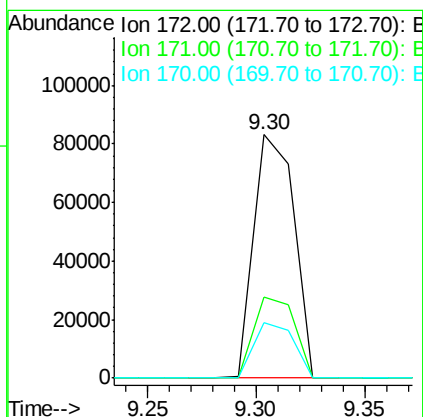
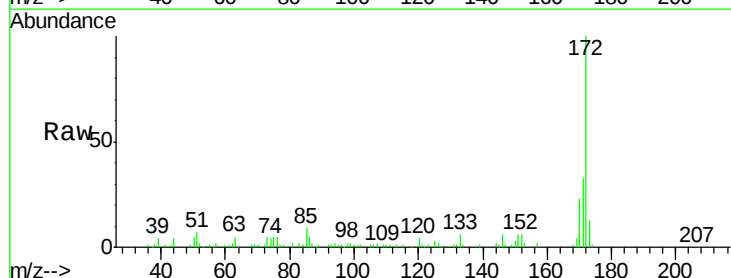
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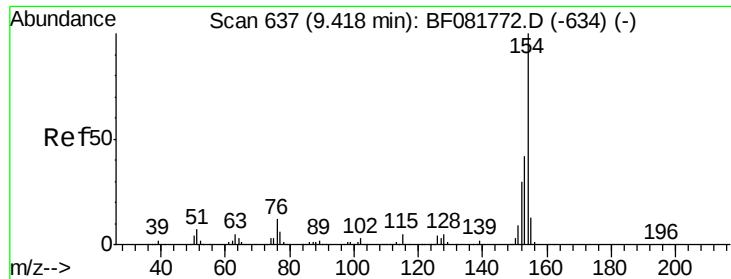
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#44
 2-Fluorobiphenyl
 Concen: 5.78 ng
 RT: 9.30 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF081769.D
 Acq: 24 Sep 2015 17:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.3	30.0	45.0
170	22.9	20.4	30.6





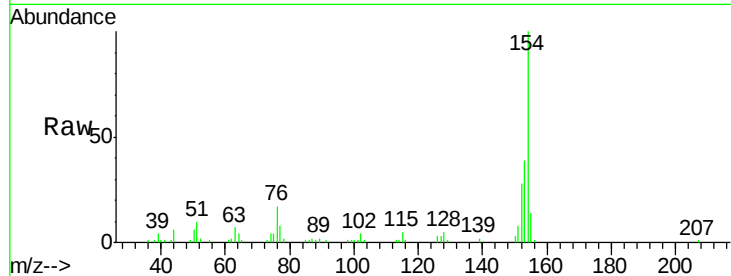
#45
 1,1'-Biphenyl
 Concen: 2.76 ng
 RT: 9.41 min Scan# 636
 Delta R.T. -0.01 min
 Lab File: BF081769.D
 Acq: 24 Sep 2015 17:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC02.5

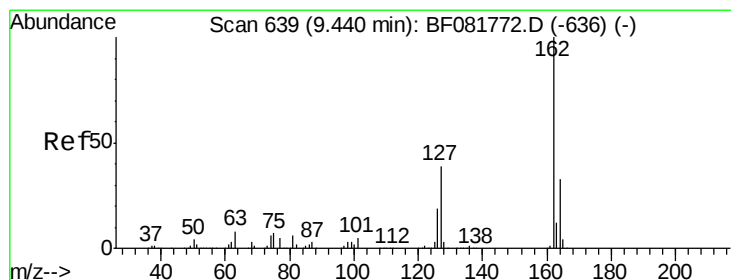
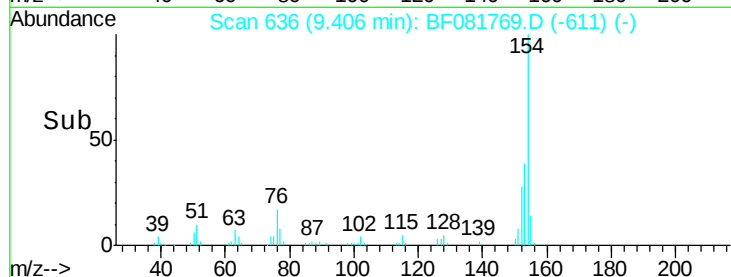
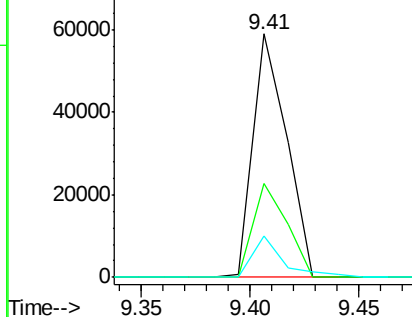
Tgt Ion:	154	Resp:	63225
Ion Ratio	Lower	Upper	
154	100		
153	38.6	21.7	61.7
76	16.8	0.0	32.1

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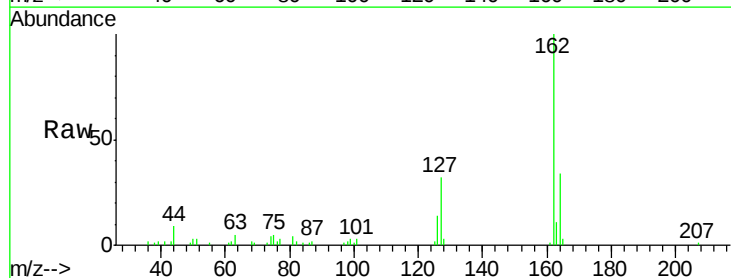


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

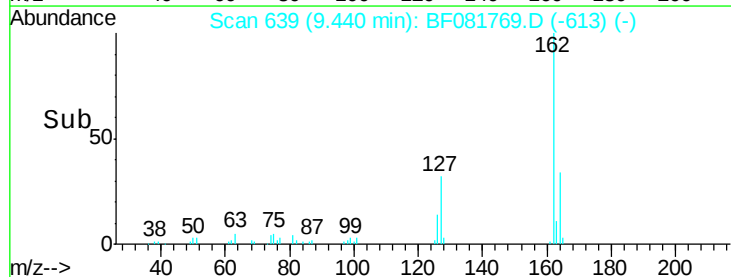
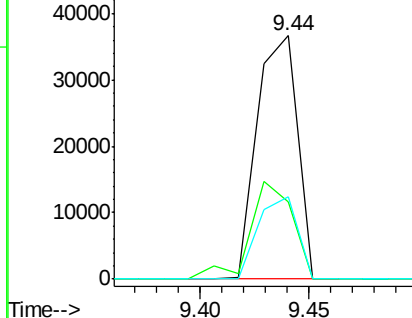


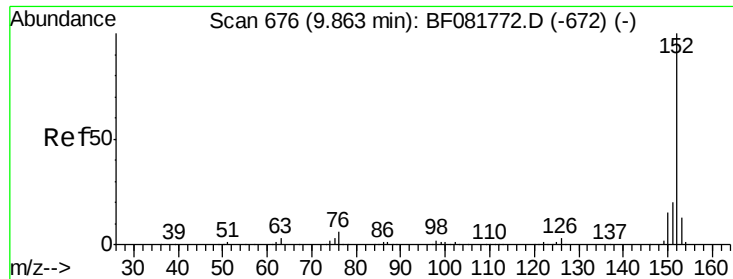
#46
 2-Chloronaphthalene
 Concen: 2.94 ng
 RT: 9.44 min Scan# 639
 Delta R.T. 0.00 min
 Lab File: BF081769.D
 Acq: 24 Sep 2015 17:54

Tgt Ion:	162	Resp:	47626
Ion Ratio	Lower	Upper	
162	100		
127	31.6	32.1	48.1#
164	33.9	26.2	39.4



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





#48

Acenaphthylene

Concen: 2.96 ng

RT: 9.85 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF081769.D

Acq: 24 Sep 2015 17:54

Instrument :

BNA_F

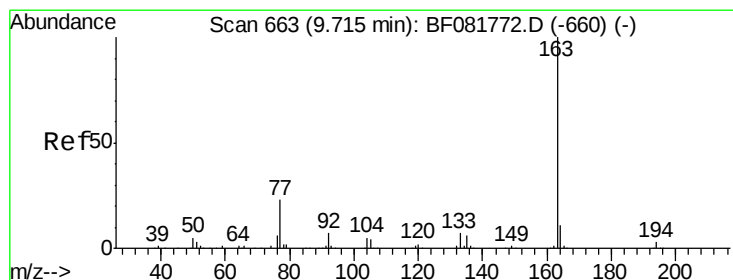
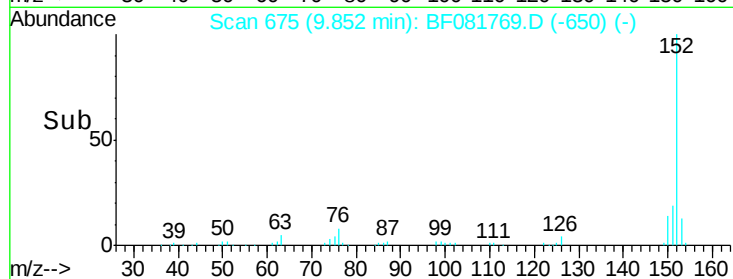
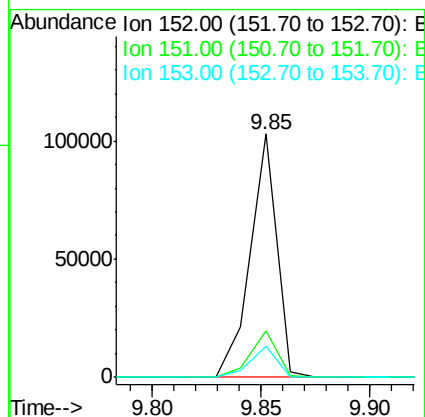
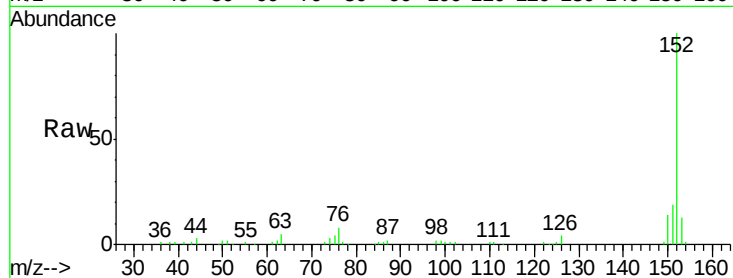
ClientSampleId :

SSTDICC02.5

Tgt Ion:	152	Resp:	86587
Ion Ratio	Lower	Upper	
152	100		
151	18.9	16.3	24.5
153	12.8	10.2	15.4

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#49

Dimethylphthalate

Concen: 3.33 ng

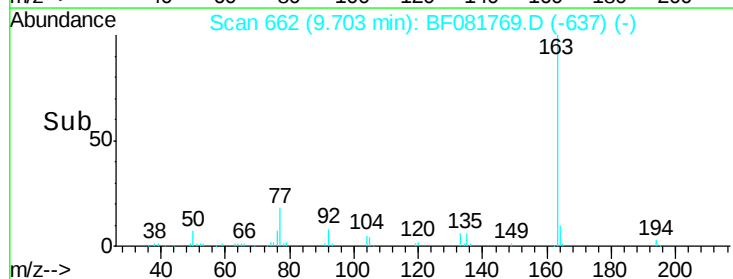
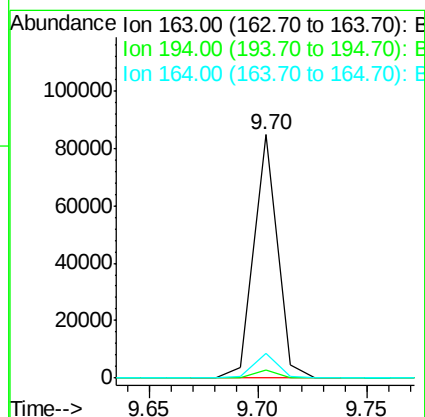
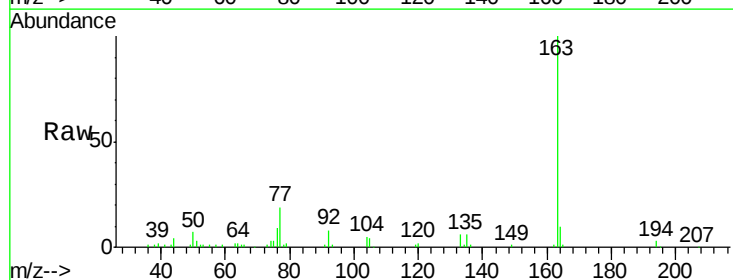
RT: 9.70 min Scan# 662

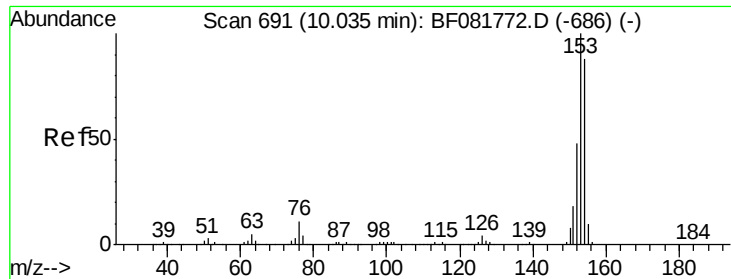
Delta R.T. -0.01 min

Lab File: BF081769.D

Acq: 24 Sep 2015 17:54

Tgt Ion:	163	Resp:	63745
Ion Ratio	Lower	Upper	
163	100		
194	3.1	2.6	4.0
164	10.2	8.6	12.8





#51

Acenaphthene

Concen: 3.02 ng

RT: 10.02 min Scan# 690

Delta R.T. -0.01 min

Lab File: BF081769.D

Acq: 24 Sep 2015 17:54

Instrument :

BNA_F

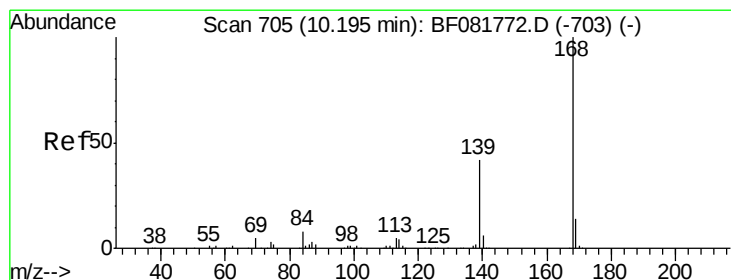
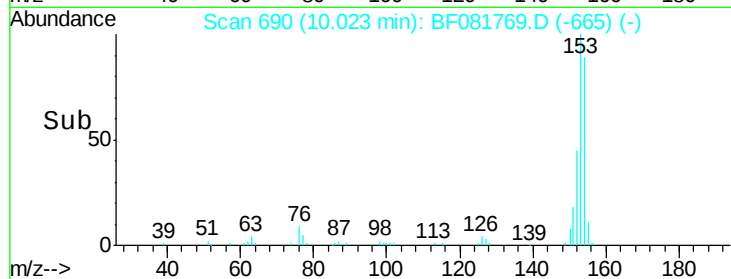
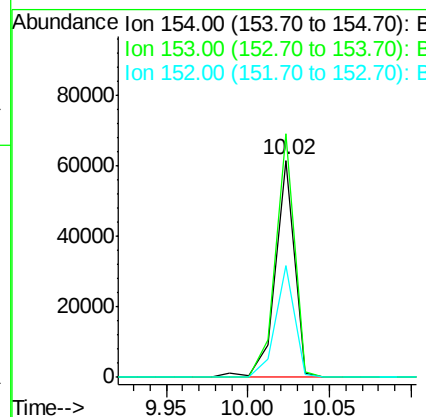
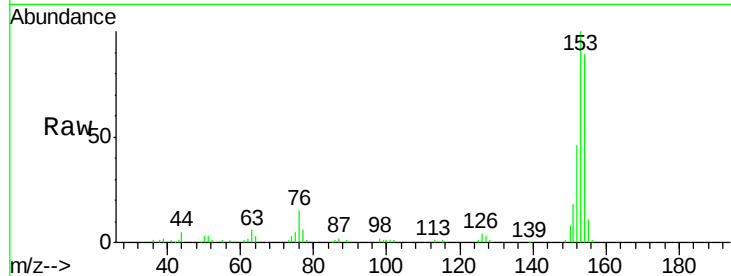
ClientSampleId :

SSTDIC02.5

Tgt Ion:	154	Resp:	50352
Ion Ratio	Lower	Upper	
154	100		
153	112.3	90.6	135.8
152	51.8	43.1	64.7

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#54

Dibenzofuran

Concen: 3.02 ng

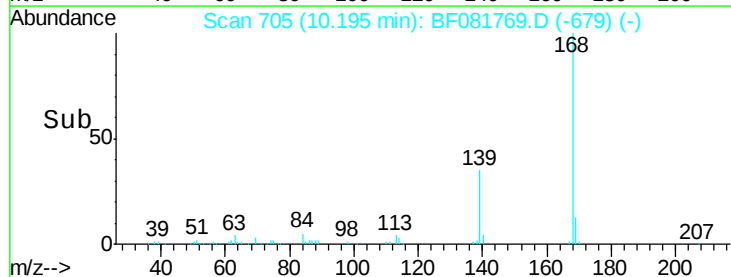
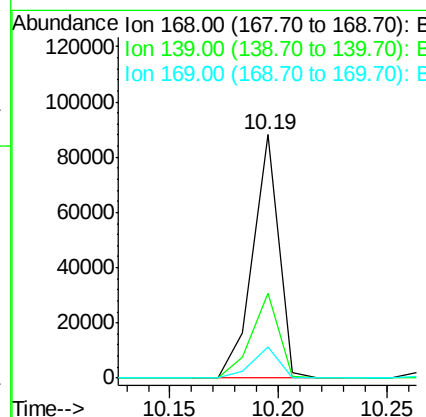
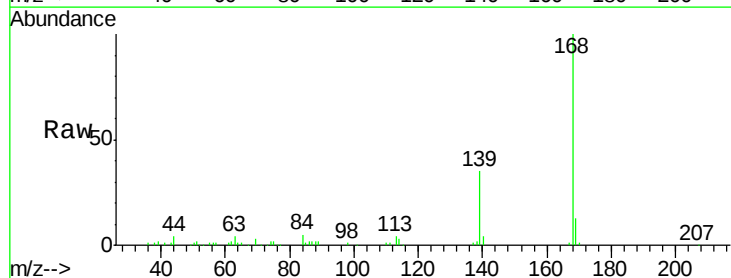
RT: 10.19 min Scan# 705

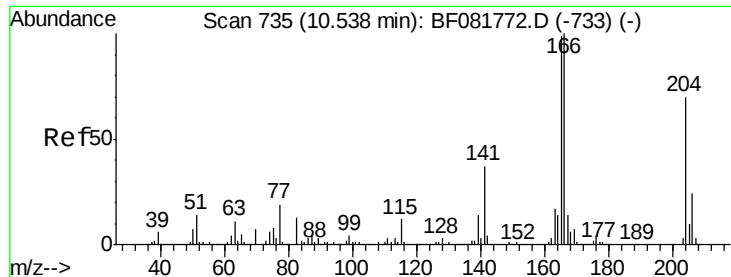
Delta R.T. 0.00 min

Lab File: BF081769.D

Acq: 24 Sep 2015 17:54

Tgt Ion:	168	Resp:	73023
Ion Ratio	Lower	Upper	
168	100		
139	34.9	33.4	50.2
169	12.7	11.4	17.2





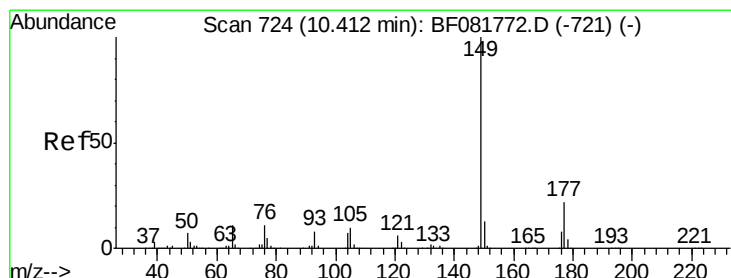
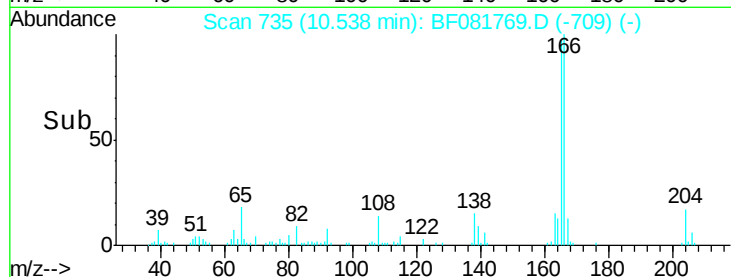
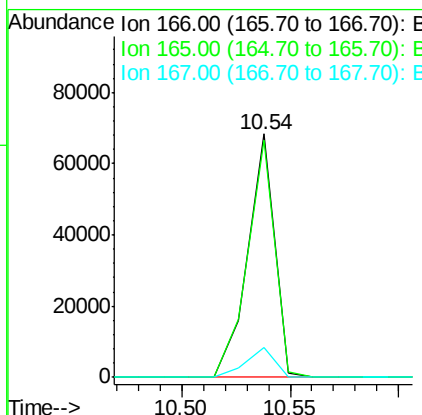
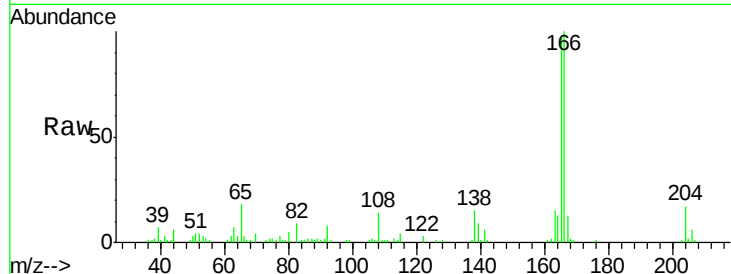
#57
Fluorene
 Concen: 3.27 ng
 RT: 10.54 min Scan# 735
 Delta R.T. 0.00 min
 Lab File: BF081769.D
 Acq: 24 Sep 2015 17:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC02.5

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	58719		
165	97.3	79.1	118.7	
167	12.5	10.9	16.3	

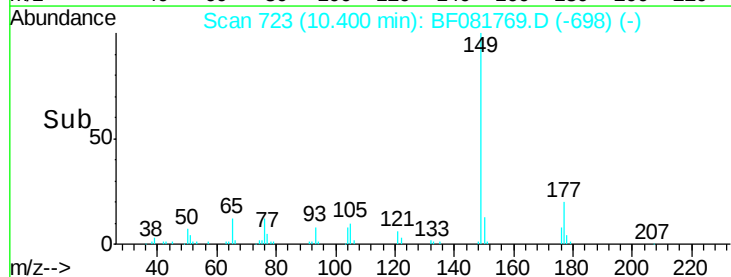
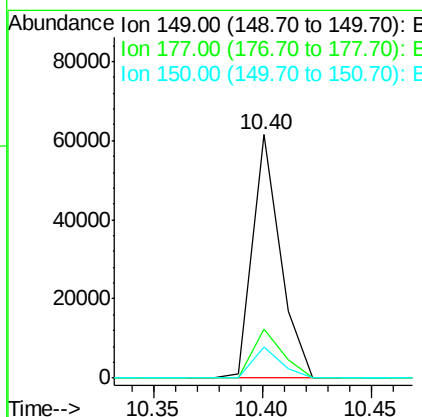
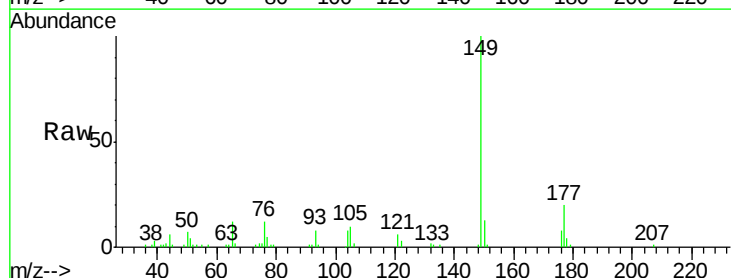
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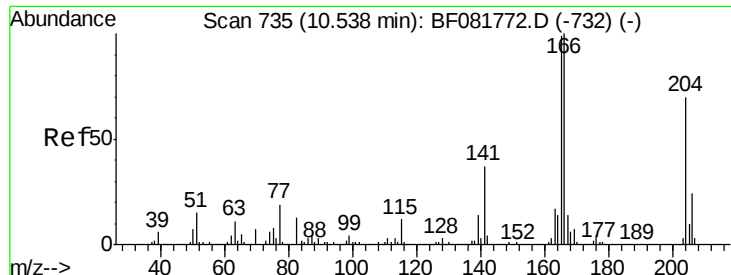
MMDadoda
 9/25/2015 3:35:57 PM



#59
Diethylphthalate
 Concen: 2.74 ng
 RT: 10.40 min Scan# 723
 Delta R.T. -0.01 min
 Lab File: BF081769.D
 Acq: 24 Sep 2015 17:54

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	54430		
177	20.2	17.4	26.0	
150	12.9	10.4	15.6	





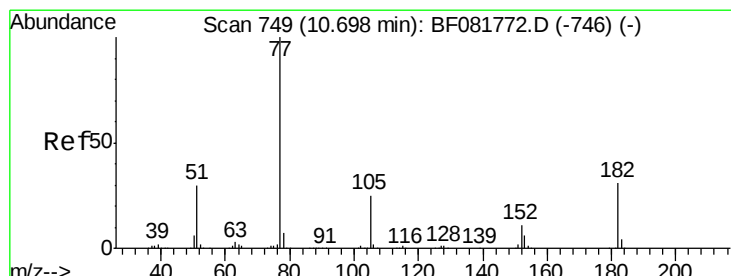
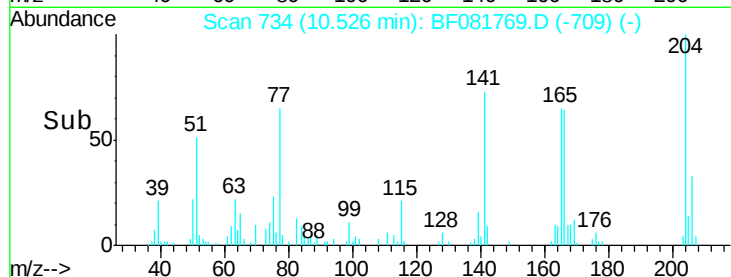
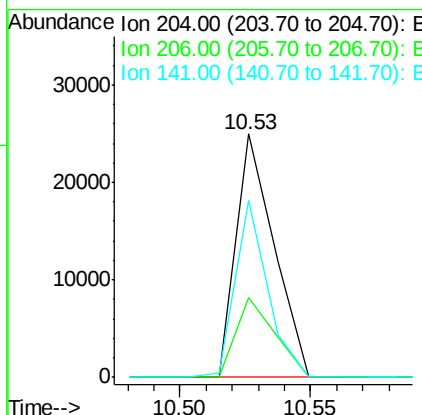
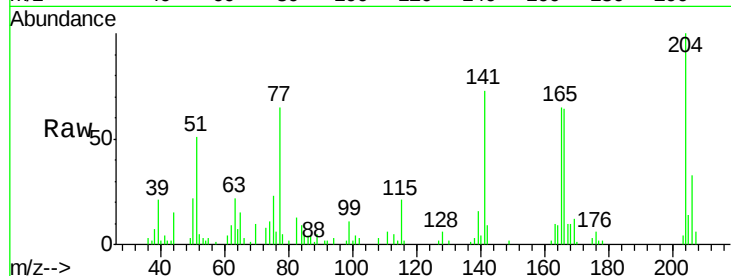
#60
 4-Chlorophenyl-phenylether
 Concen: 2.95 ng
 RT: 10.53 min Scan# 734
 Delta R.T. -0.01 min
 Lab File: BF081769.D
 Acq: 24 Sep 2015 17:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC02.5

Tgt Ion:	204	Resp:	25266
Ion Ratio	Lower	Upper	
204	100		
206	32.6	27.7	41.5
141	72.5	42.1	63.1#

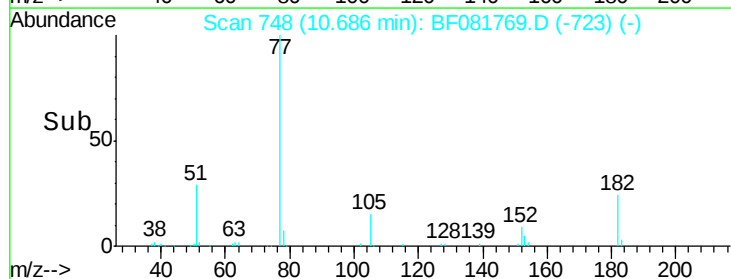
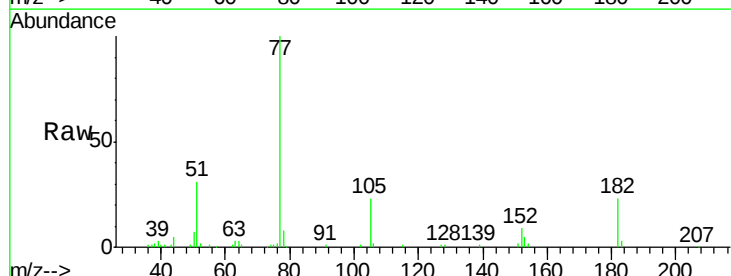
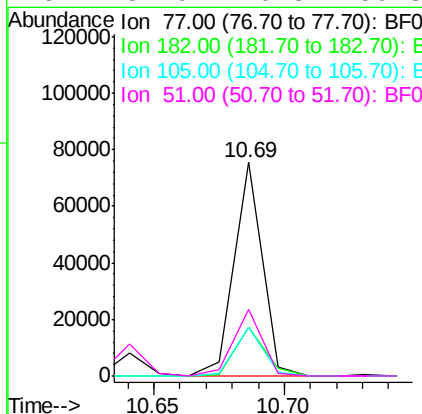
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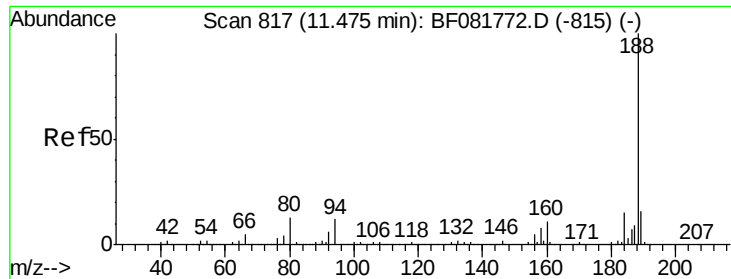
MMDadoda
 9/25/2015 3:35:57 PM



#62
 Azobenzene
 Concen: 2.64 ng
 RT: 10.69 min Scan# 748
 Delta R.T. -0.01 min
 Lab File: BF081769.D
 Acq: 24 Sep 2015 17:54

Tgt Ion:	77	Resp:	57452
Ion Ratio	Lower	Upper	
77	100		
182	23.0	10.4	50.4
105	22.7	5.1	45.1
51	31.0	10.3	50.3





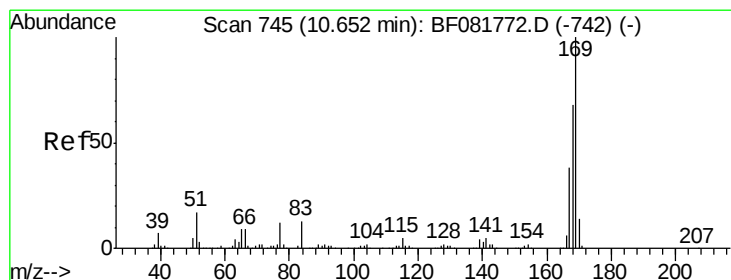
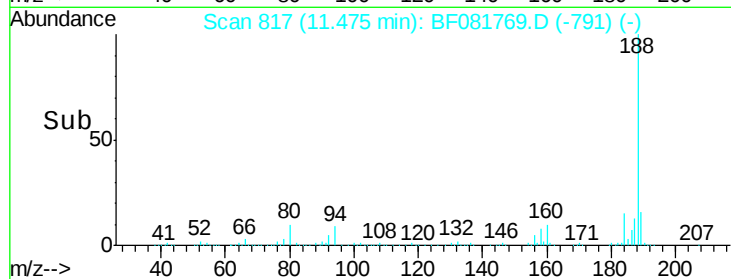
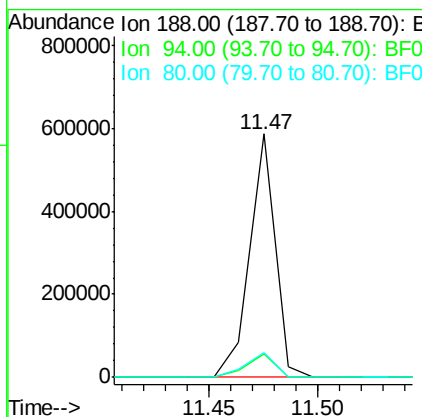
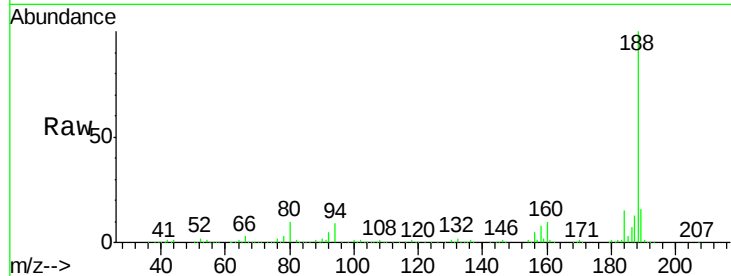
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.47 min Scan# 817
Delta R.T. 0.00 min
Lab File: BF081769.D
Acq: 24 Sep 2015 17:54

Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.5	9.4	14.2
80	9.9	10.6	15.8

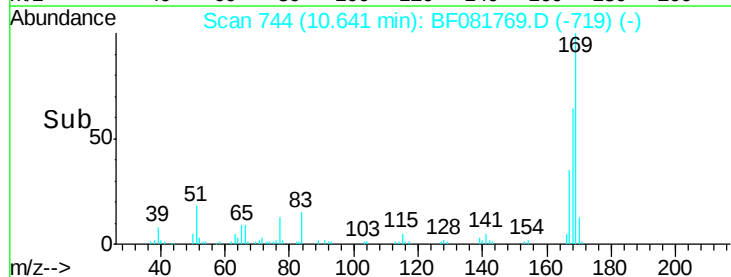
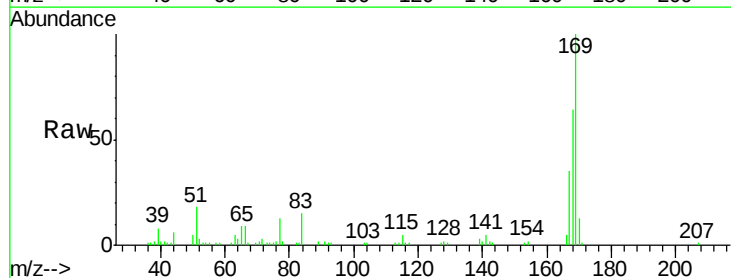
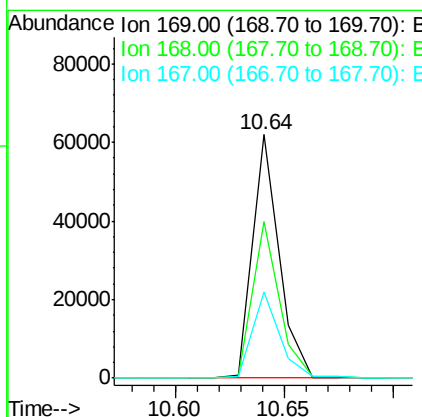
Manual Integrations
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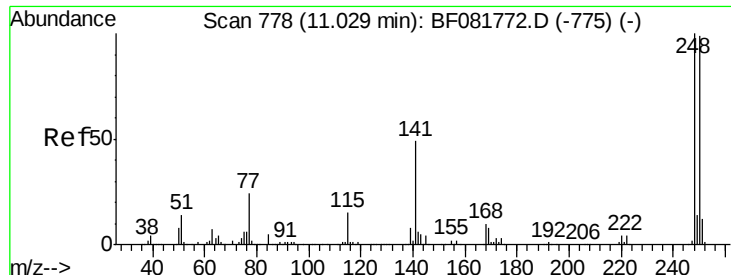
MMDadoda
9/25/2015 3:35:57 PM



#65
n-Nitrosodiphenylamine
Concen: 3.08 ng
RT: 10.64 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF081769.D
Acq: 24 Sep 2015 17:54

Tgt Ion	Ratio	Resp Lower	Resp Upper
169	100		
168	64.0	54.4	81.6
167	35.3	30.6	46.0





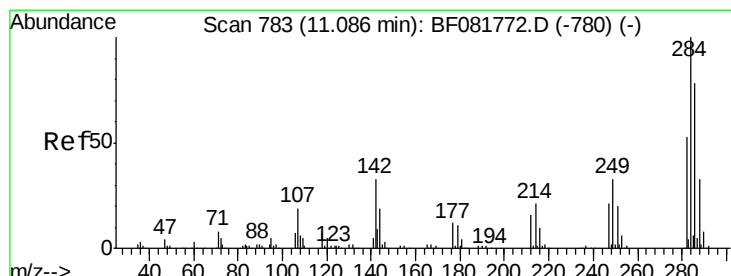
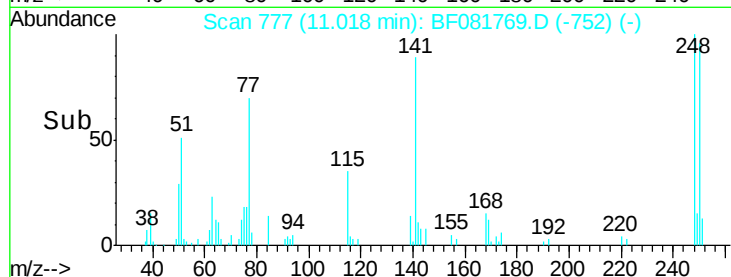
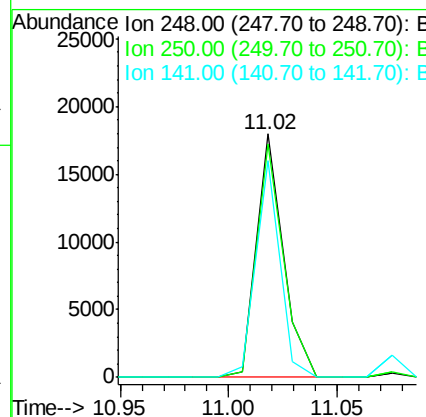
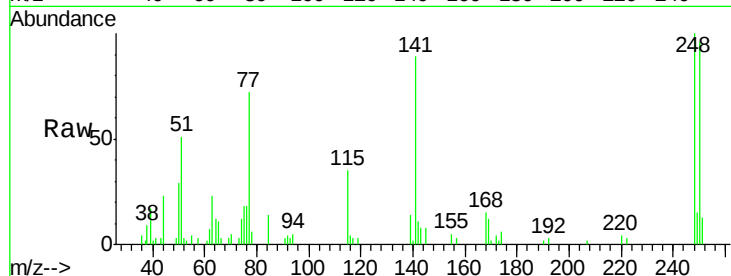
#66
4-Bromophenyl-phenylether
Concen: 3.09 ng
RT: 11.02 min Scan# 777
Delta R.T. -0.01 min
Lab File: BF081769.D
Acq: 24 Sep 2015 17:54

Instrument :
BNA_F
ClientSampleId :
SSTDIC02.5

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.1	79.0	118.6
141	89.1	38.9	58.3

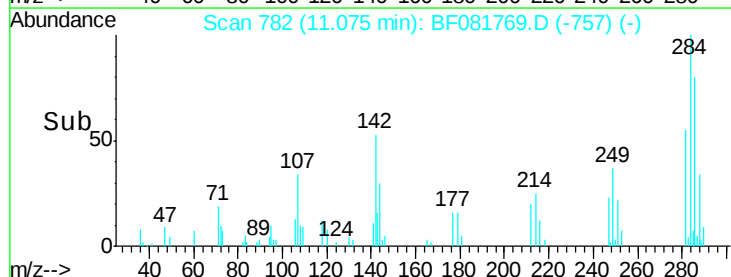
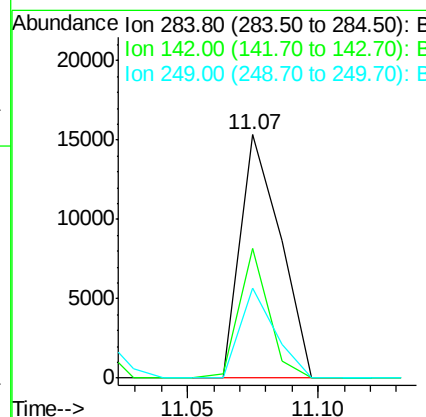
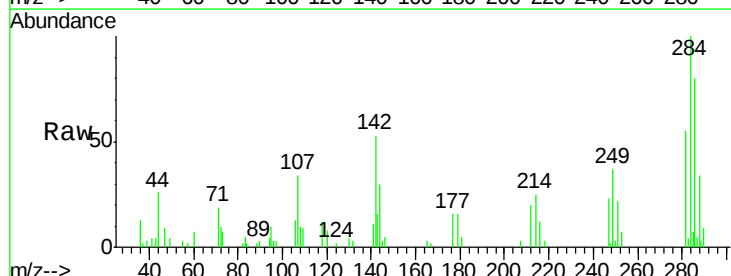
Manual Integrations
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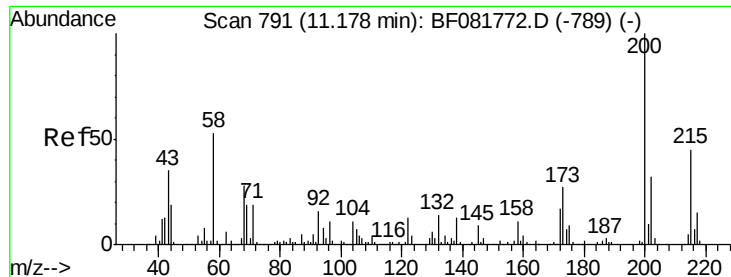
MMDadoda
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#67
Hexachlorobenzene
Concen: 3.18 ng
RT: 11.07 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF081769.D
Acq: 24 Sep 2015 17:54

Tgt Ion	Ratio	Lower	Upper
284	100		
142	53.3	26.1	39.1
249	36.9	26.2	39.4





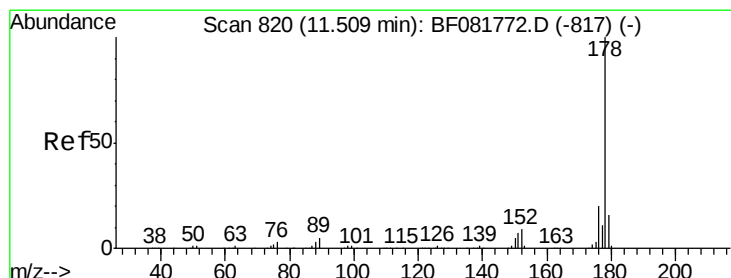
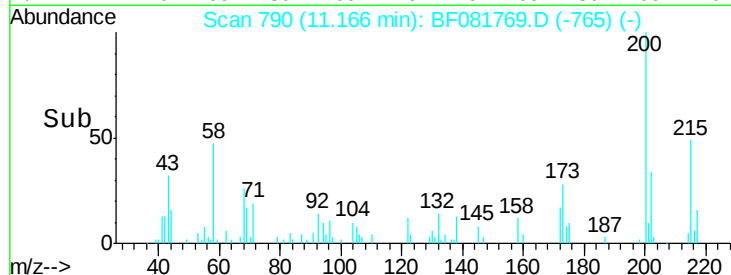
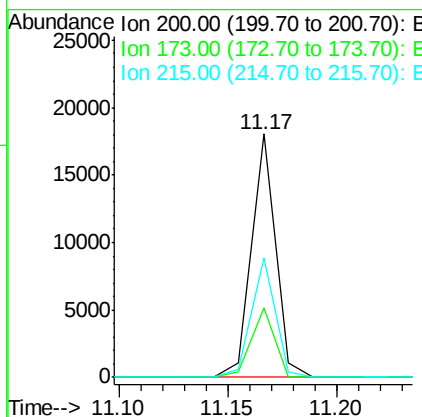
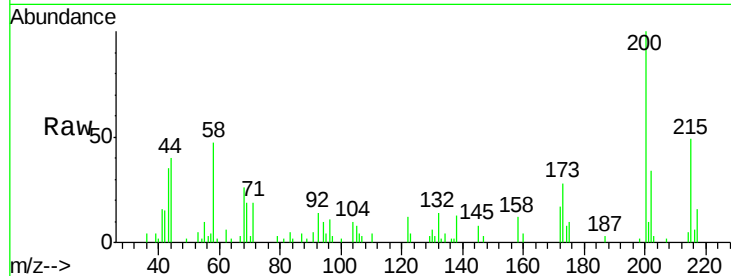
#68
Atrazine
Concen: 2.76 ng
RT: 11.17 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF081769.D
Acq: 24 Sep 2015 17:54

Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	28.4	7.4	47.4
215	48.8	25.2	65.2

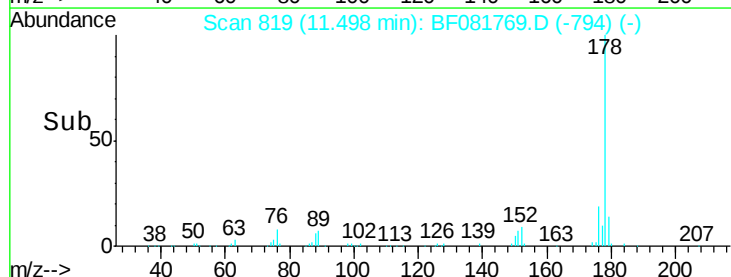
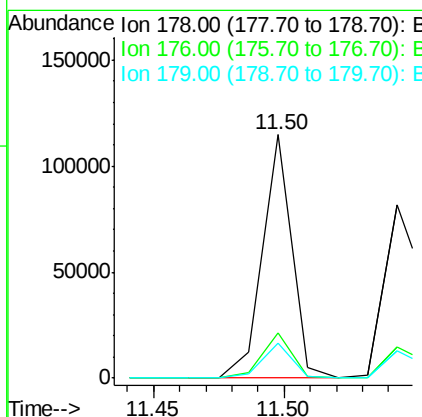
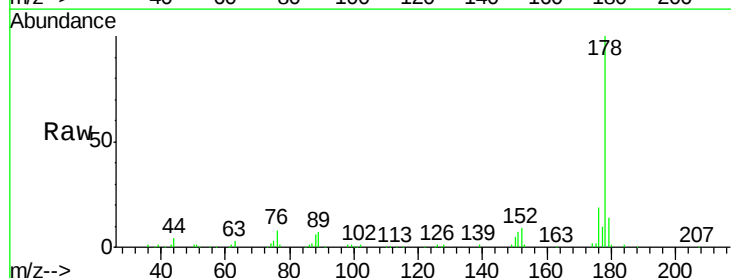
Manual Integrations
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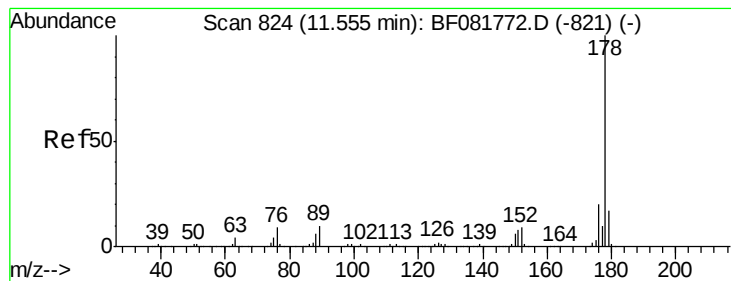
MMDadoda
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#70
Phenanthrene
Concen: 3.44 ng
RT: 11.50 min Scan# 819
Delta R.T. -0.01 min
Lab File: BF081769.D
Acq: 24 Sep 2015 17:54

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	18.5	16.2	24.4
179	14.5	12.5	18.7





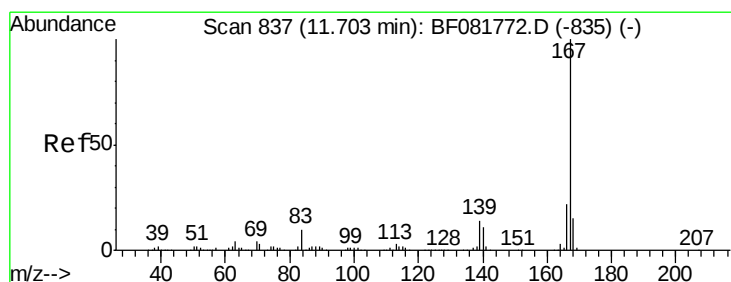
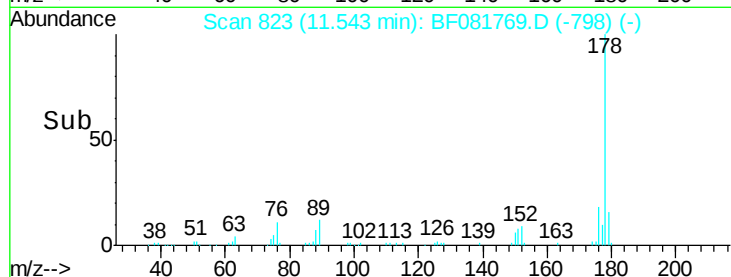
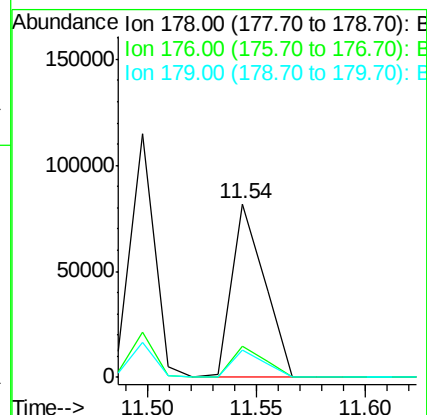
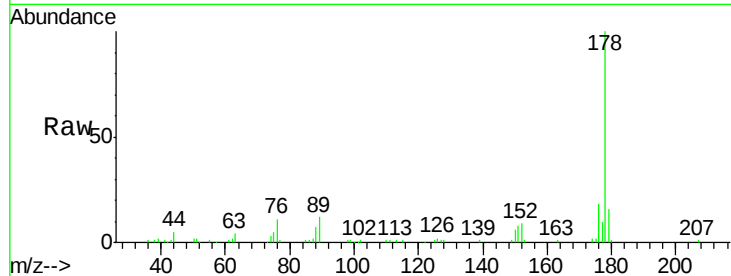
#71
 Anthracene
 Concen: 3.15 ng
 RT: 11.54 min Scan# 823
 Delta R.T. -0.01 min
 Lab File: BF081769.D
 Acq: 24 Sep 2015 17:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC02.5

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.1	16.3	24.5
179	15.8	13.3	19.9

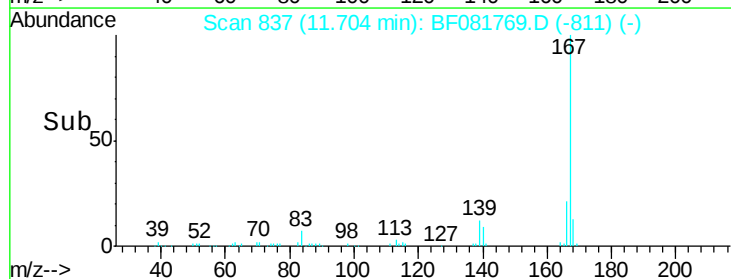
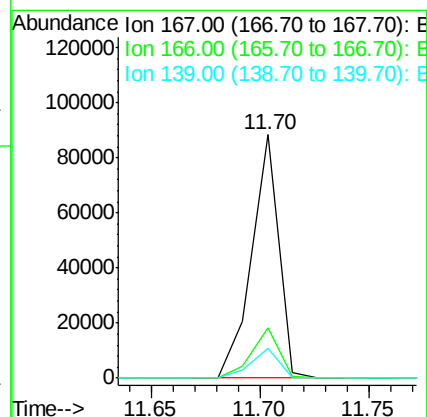
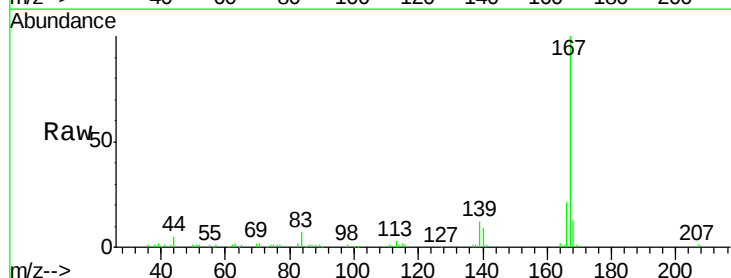
Manual Integrations
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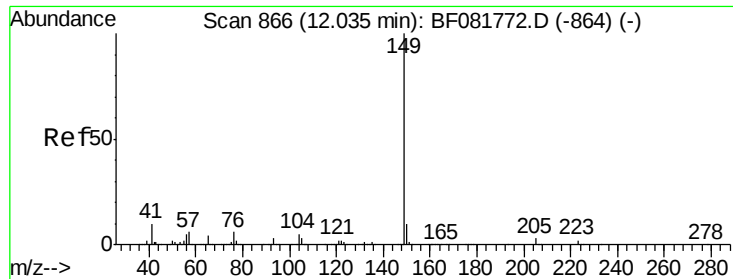
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#72
 Carbazole
 Concen: 3.00 ng
 RT: 11.70 min Scan# 837
 Delta R.T. 0.00 min
 Lab File: BF081769.D
 Acq: 24 Sep 2015 17:54

Tgt Ion	Ratio	Lower	Upper
167	100		
166	20.8	17.8	26.8
139	12.2	11.3	16.9





#73

Di-n-butylphthalate

Concen: 3.08 ng

RT: 12.03 min Scan# 866

Delta R.T. 0.00 min

Lab File: BF081769.D

Acq: 24 Sep 2015 17:54

Instrument :

BNA_F

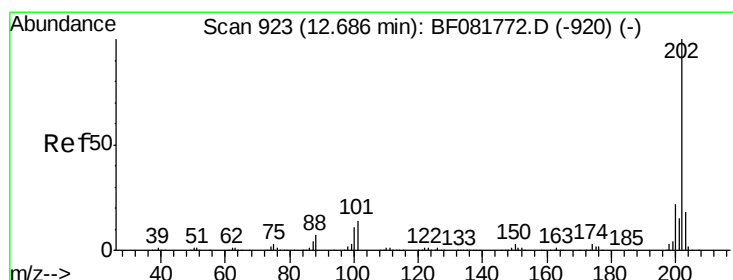
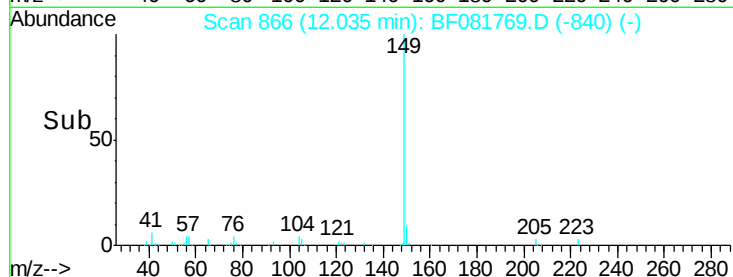
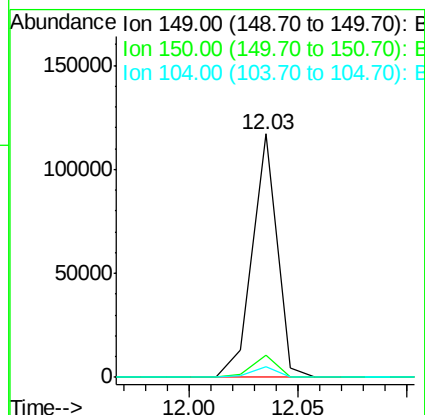
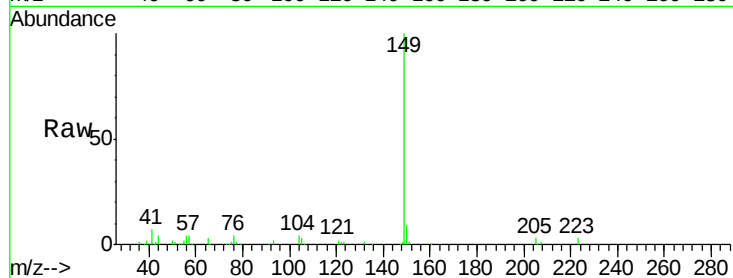
ClientSampleId :

SSTDIC02.5

Tgt Ion:	149	Resp:	92570
Ion Ratio	Lower	Upper	
149	100		
150	9.0	8.0	12.0
104	4.3	4.2	6.4

Manual Integrations
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#74

Fluoranthene

Concen: 3.08 ng

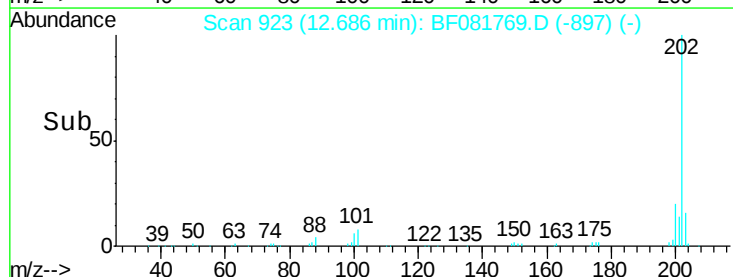
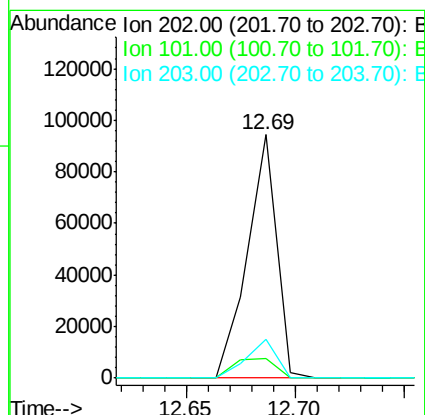
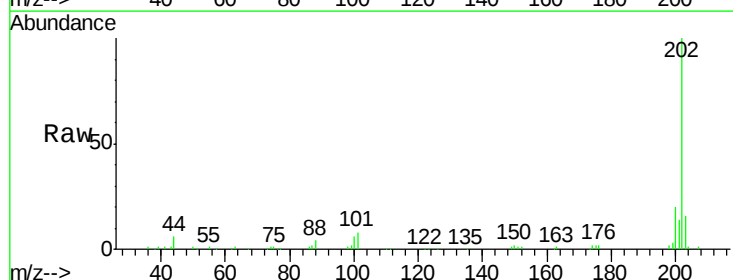
RT: 12.69 min Scan# 923

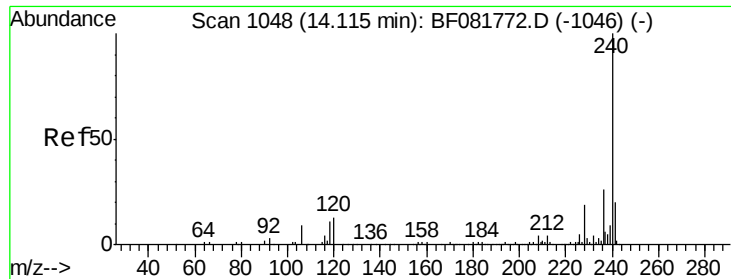
Delta R.T. 0.00 min

Lab File: BF081769.D

Acq: 24 Sep 2015 17:54

Tgt Ion:	202	Resp:	87693
Ion Ratio	Lower	Upper	
202	100		
101	7.9	0.0	34.0
203	16.0	0.0	38.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.12 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF081769.D

Acq: 24 Sep 2015 17:54

Instrument :

BNA_F

ClientSampleId :

SSTDICC02.5

Tgt Ion:240 Resp: 381288

Ion Ratio Lower Upper

240 100

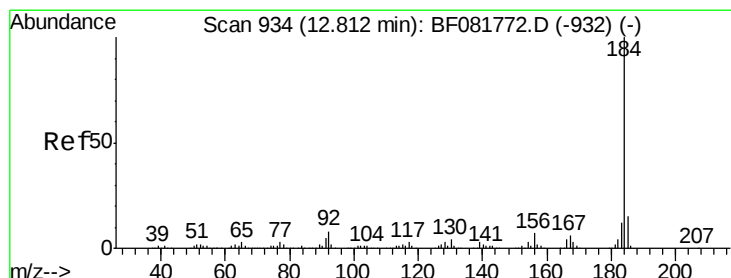
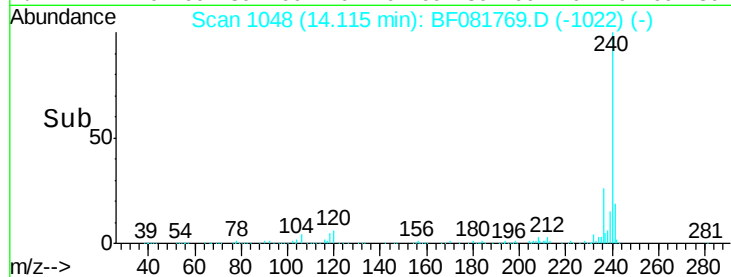
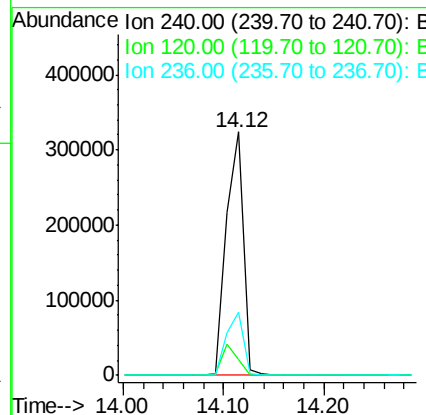
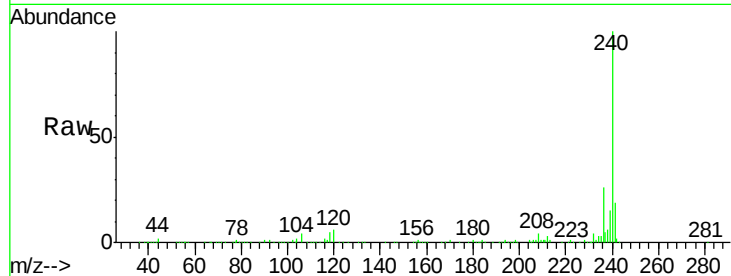
120 6.3 10.2 15.2#

236 26.1 21.1 31.7

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#76

Benzidine

Concen: 2.27 ng

RT: 12.81 min Scan# 934

Delta R.T. 0.00 min

Lab File: BF081769.D

Acq: 24 Sep 2015 17:54

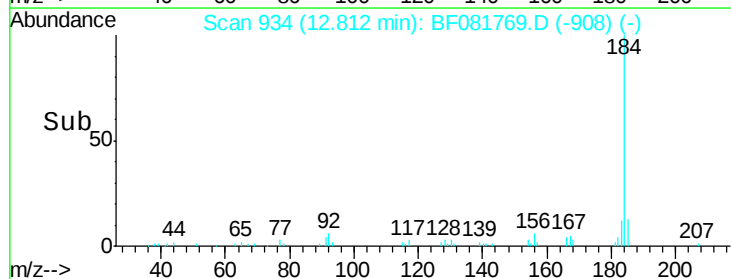
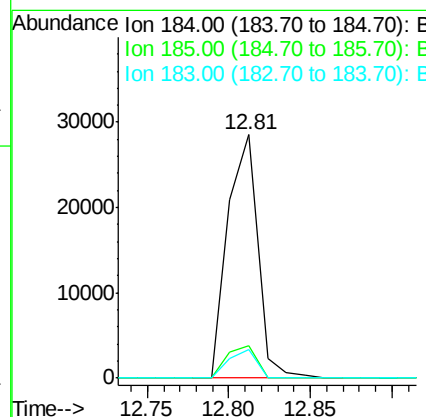
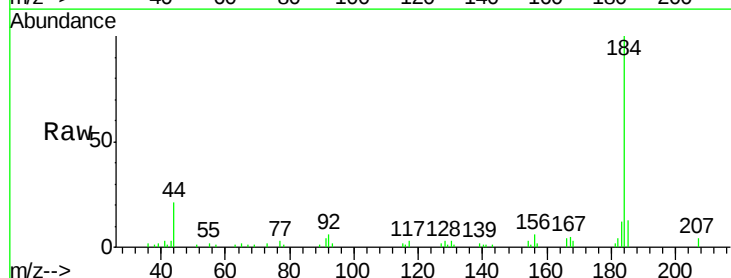
Tgt Ion:184 Resp: 36315

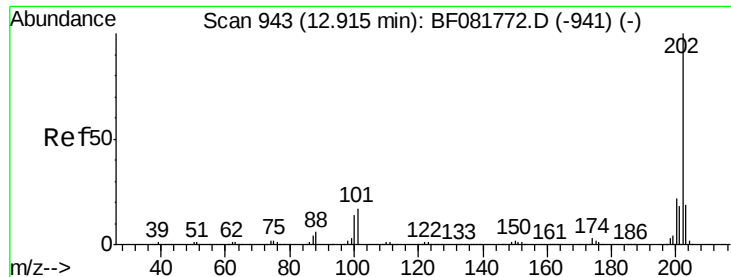
Ion Ratio Lower Upper

184 100

185 13.5 12.3 18.5

183 11.6 9.4 14.2





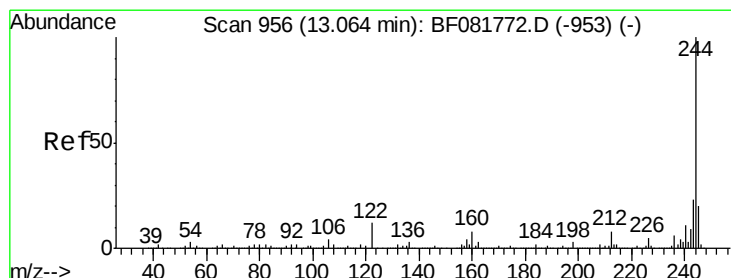
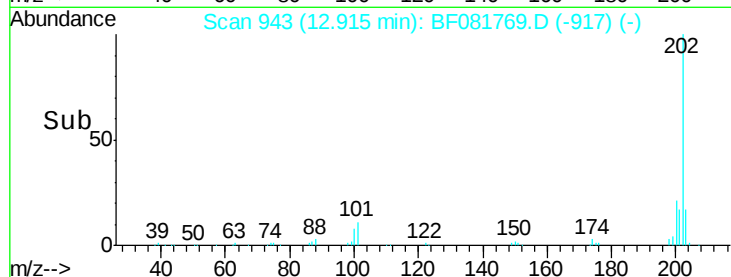
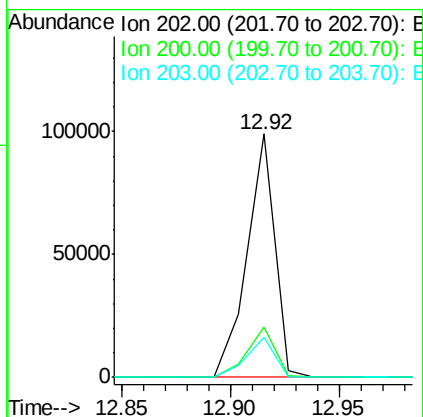
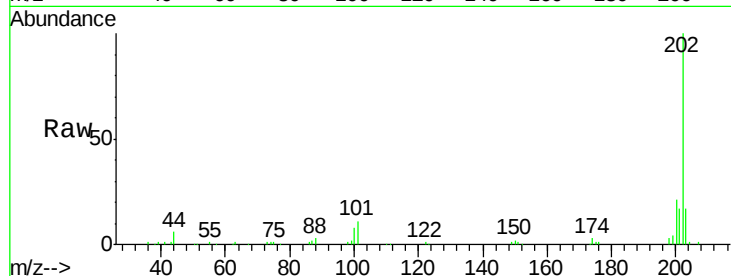
#77
 Pyrene
 Concen: 3.16 ng
 RT: 12.92 min Scan# 943
 Delta R.T. 0.00 min
 Lab File: BF081769.D
 Acq: 24 Sep 2015 17:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC02.5

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	20.7	17.9	26.9
203	16.6	15.0	22.4

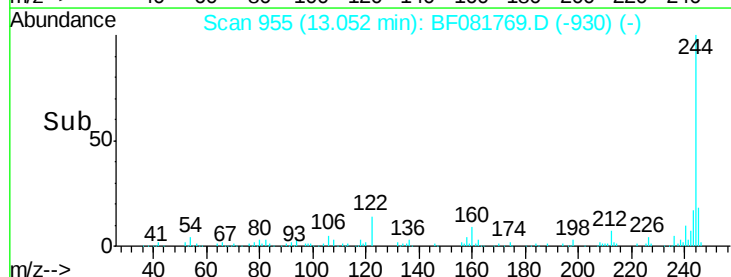
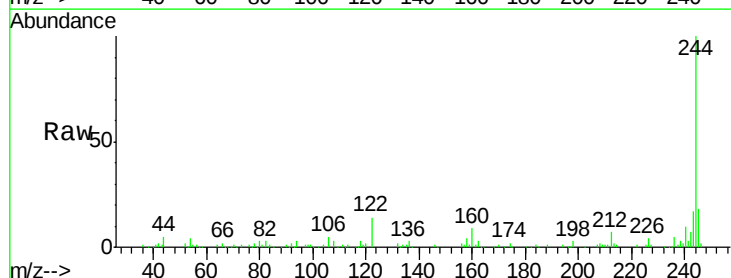
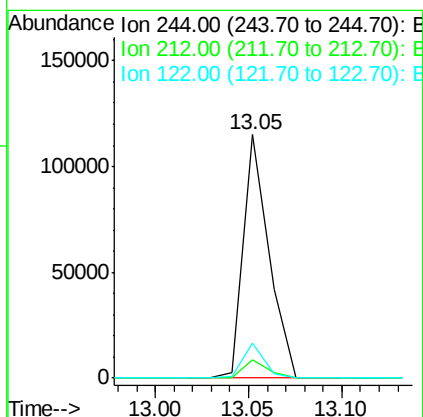
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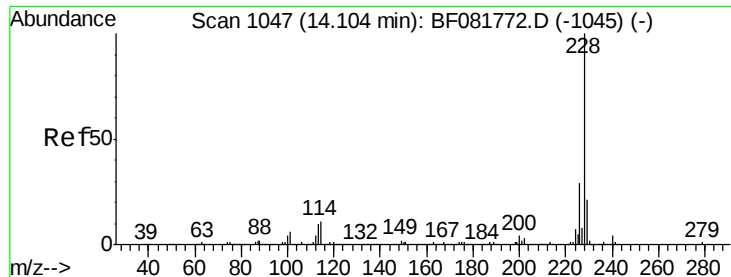
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#78
 Terphenyl-d14
 Concen: 6.69 ng
 RT: 13.05 min Scan# 955
 Delta R.T. -0.01 min
 Lab File: BF081769.D
 Acq: 24 Sep 2015 17:54

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	7.5	6.6	9.8
122	14.3	9.2	13.8





#80

Benzo(a)anthracene

Concen: 2.90 ng

RT: 14.10 min Scan# 1047

Delta R.T. 0.00 min

Lab File: BF081769.D

Acq: 24 Sep 2015 17:54

Instrument :

BNA_F

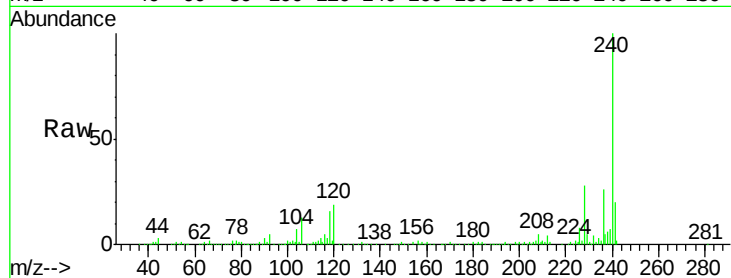
ClientSampleId :

SSTDICC02.5

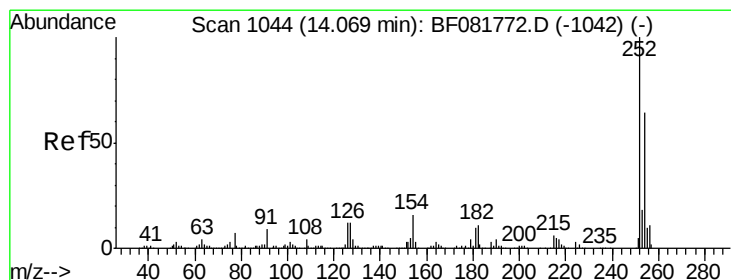
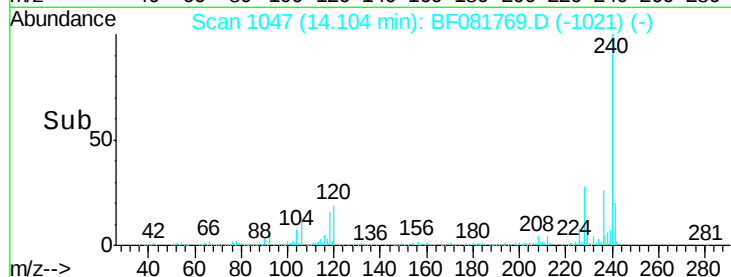
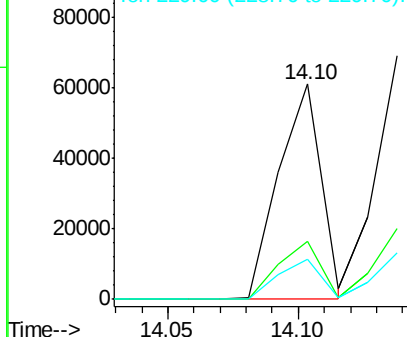
Tgt Ion:	228	Resp:	68976
Ion Ratio	Lower	Upper	
228	100		
226	27.1	23.0	34.4
229	18.6	16.6	25.0

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



#81

3,3'-Dichlorobenzidine

Concen: 2.23 ng

RT: 14.07 min Scan# 1044

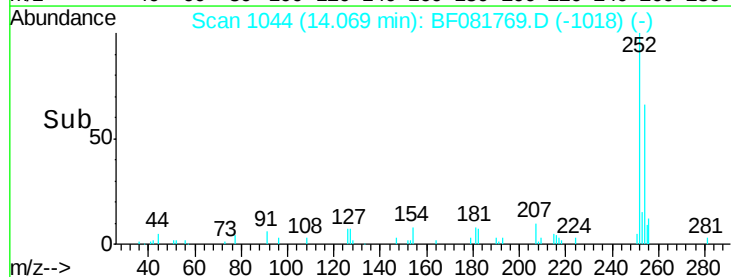
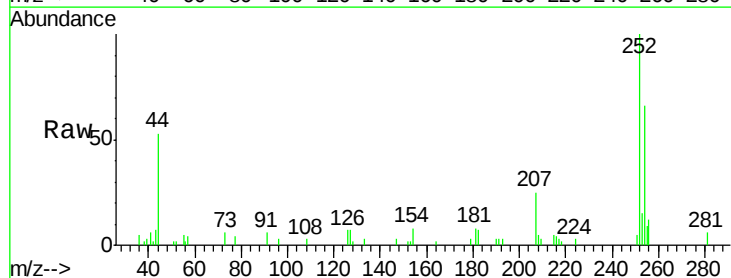
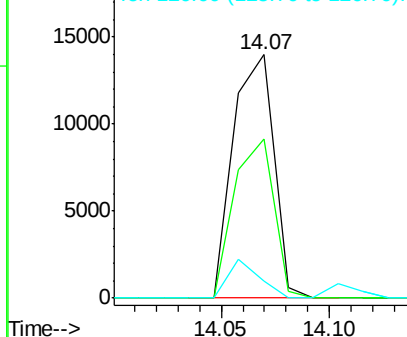
Delta R.T. 0.00 min

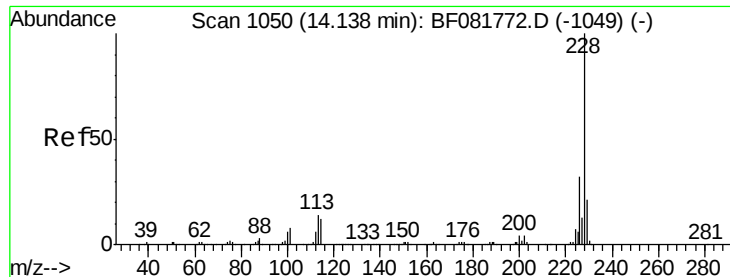
Lab File: BF081769.D

Acq: 24 Sep 2015 17:54

Tgt Ion:	252	Resp:	18139
Ion Ratio	Lower	Upper	
252	100		
254	65.6	51.4	77.0
126	6.9	9.6	14.4#

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





#82

Chrysene

Concen: 2.97 ng

RT: 14.14 min Scan# 1050

Delta R.T. 0.00 min

Lab File: BF081769.D

Acq: 24 Sep 2015 17:54

Instrument :

BNA_F

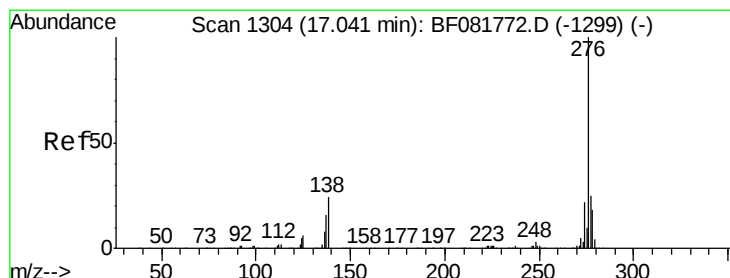
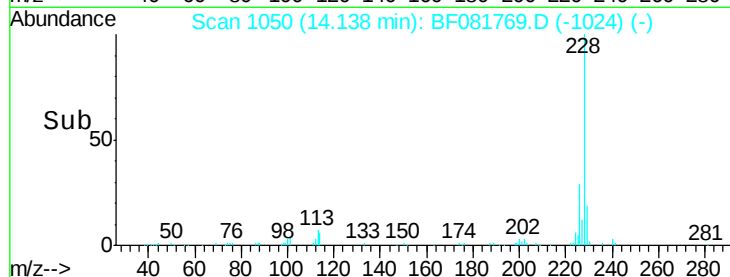
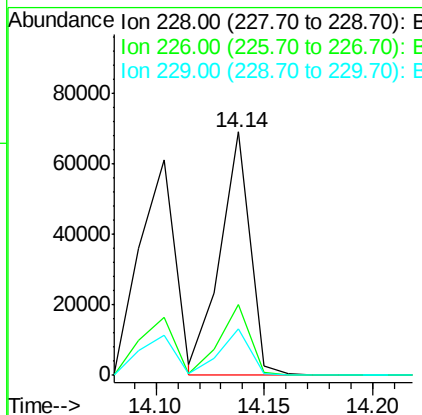
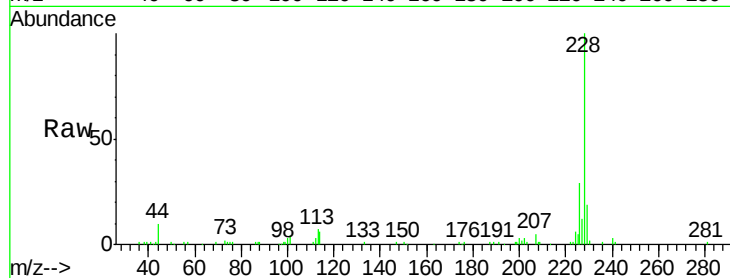
ClientSampleId :

SSTDIC02.5

Tgt Ion:	228	Resp:	65482
Ion Ratio	Lower	Upper	
228	100		
226	29.1	25.2	37.8
229	19.2	16.6	24.8

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#85

Indeno(1,2,3-cd)pyrene

Concen: 3.33 ng

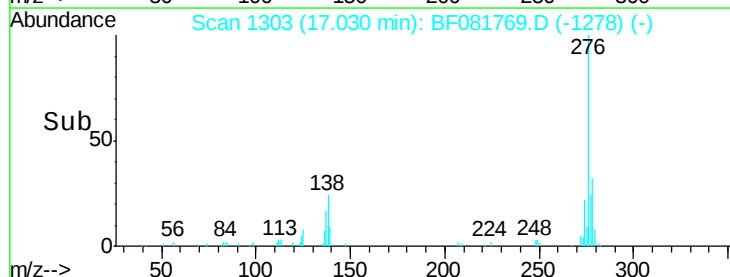
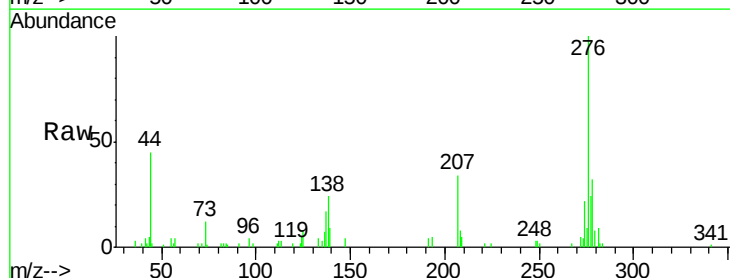
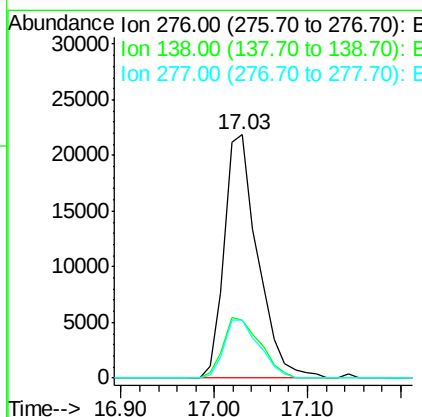
RT: 17.03 min Scan# 1303

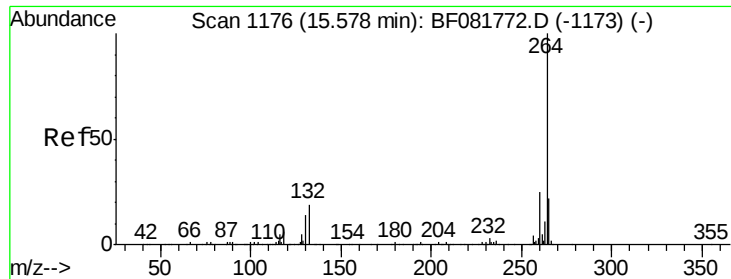
Delta R.T. -0.01 min

Lab File: BF081769.D

Acq: 24 Sep 2015 17:54

Tgt Ion:	276	Resp:	54656
Ion Ratio	Lower	Upper	
276	100		
138	27.4	0.0	0.0#
277	25.2	0.0	0.0#





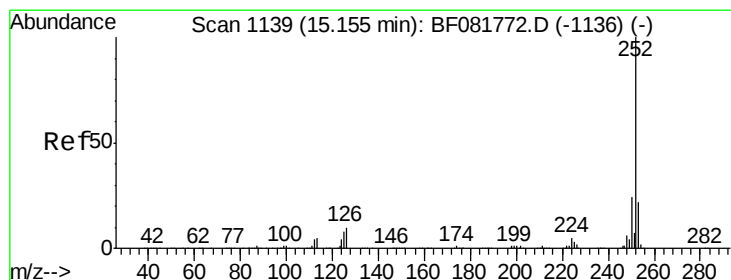
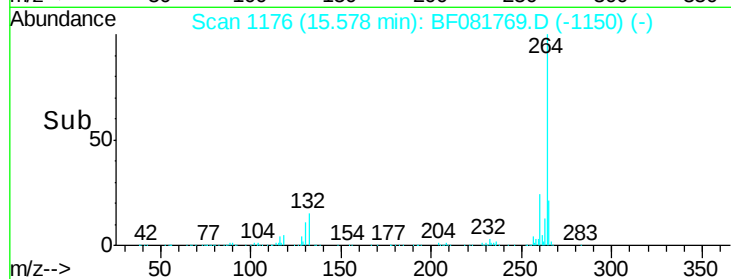
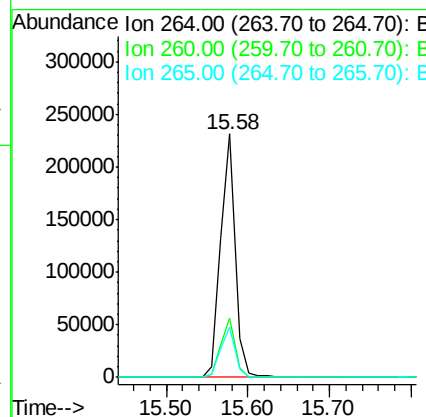
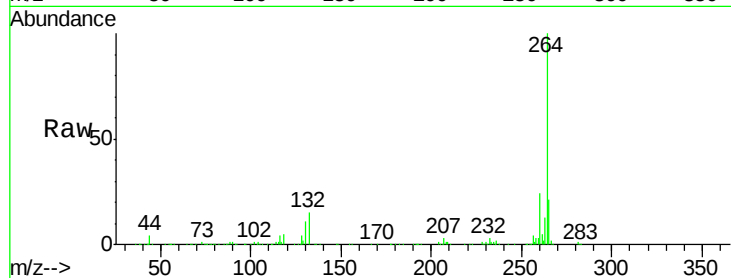
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.58 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BF081769.D
Acq: 24 Sep 2015 17:54

Instrument :
BNA_F
ClientSampleId :
SSTDIC02.5

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.8	29.6
265	20.9	17.6	26.4

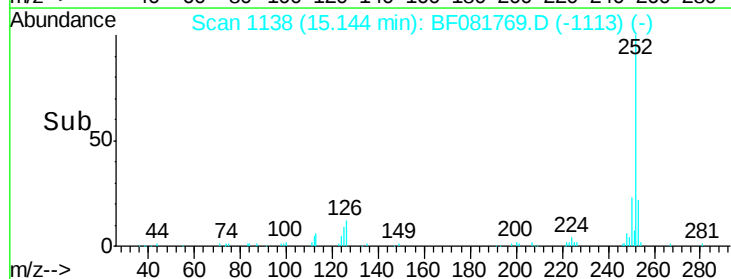
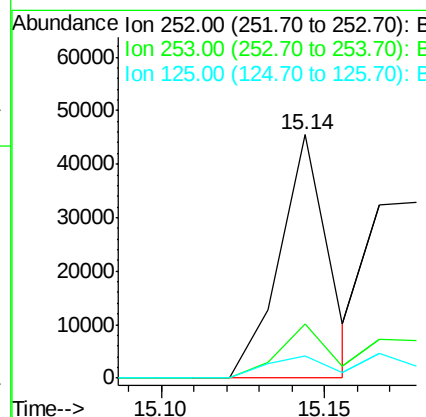
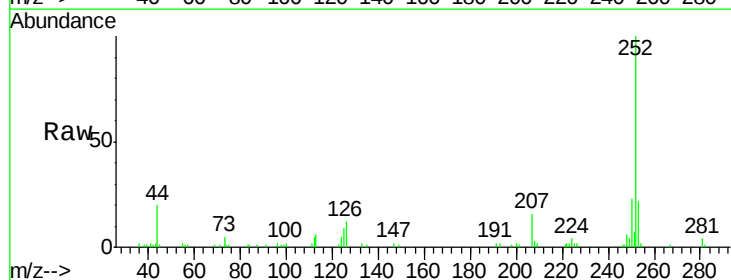
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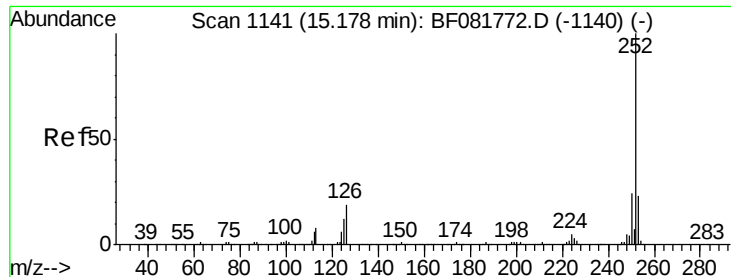
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#87
Benzo(b)fluoranthene
Concen: 2.42 ng
RT: 15.14 min Scan# 1138
Delta R.T. -0.01 min
Lab File: BF081769.D
Acq: 24 Sep 2015 17:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.2	25.8
125	9.3	6.2	9.4





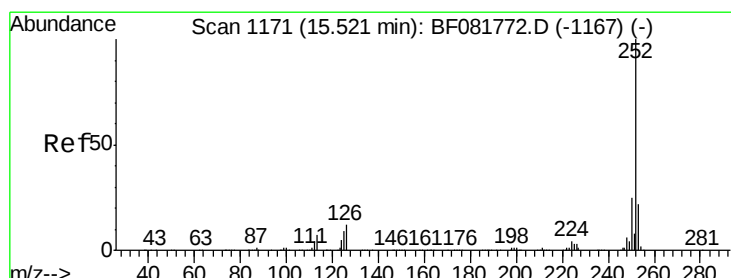
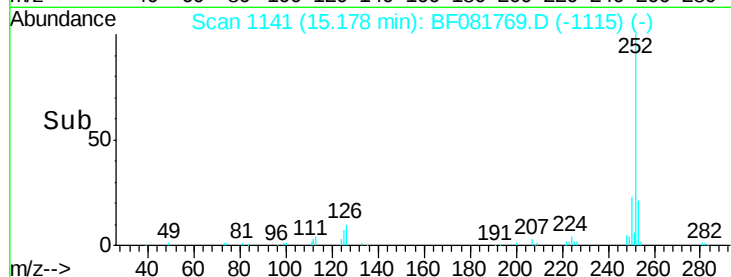
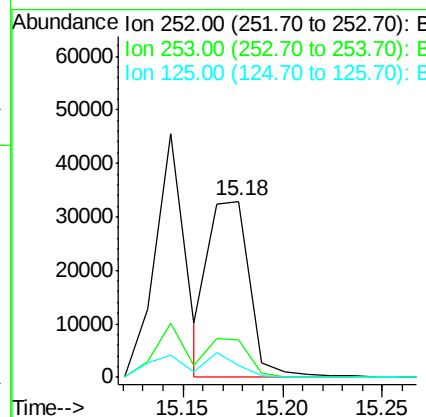
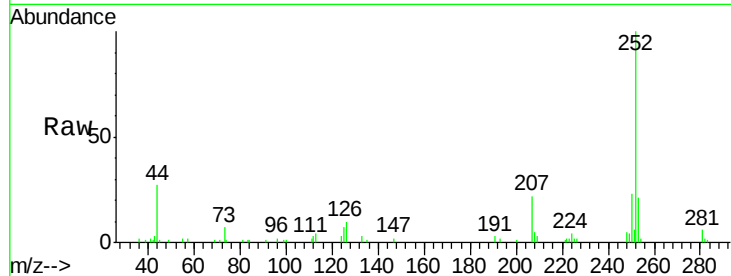
#88
Benzo(k)fluoranthene
Concen: 2.81 ng m
RT: 15.18 min Scan# 1141
Delta R.T. 0.00 min
Lab File: BF081769.D
Acq: 24 Sep 2015 17:54

Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.1	27.1
125	6.8	10.1	15.1#

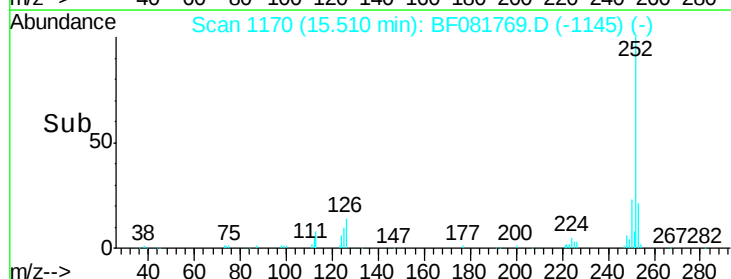
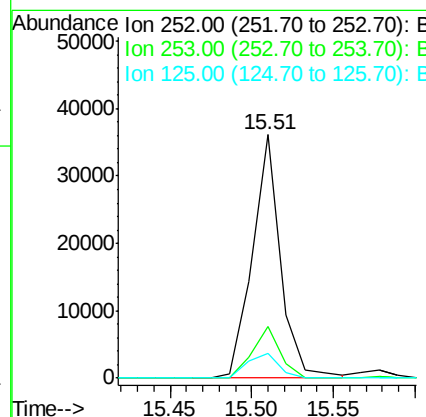
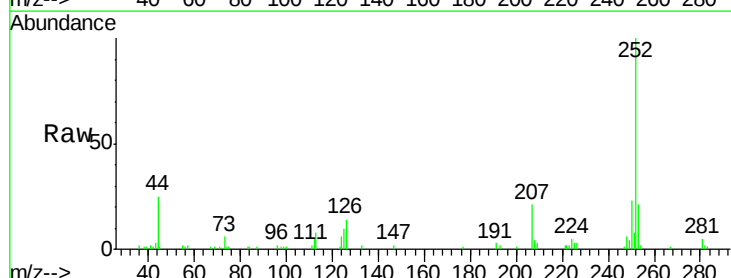
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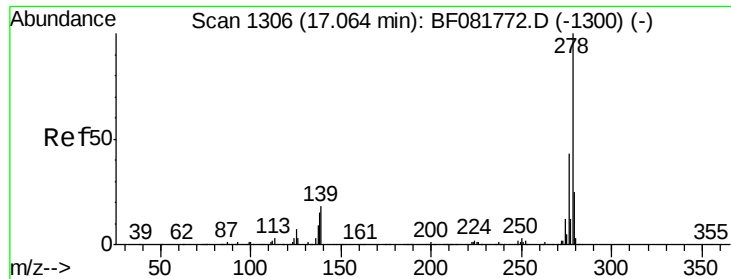
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#89
Benzo(a)pyrene
Concen: 2.52 ng
RT: 15.51 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BF081769.D
Acq: 24 Sep 2015 17:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.6	26.4
125	10.1	7.5	11.3





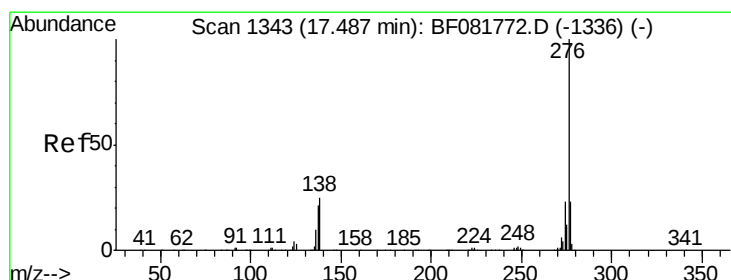
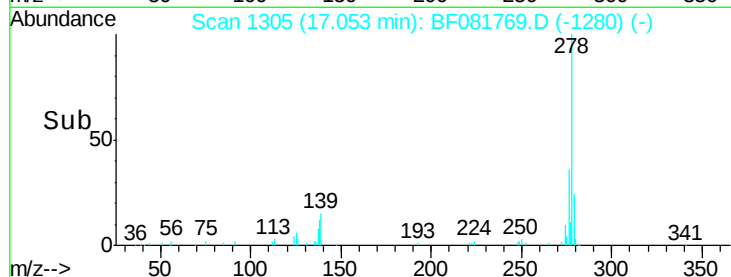
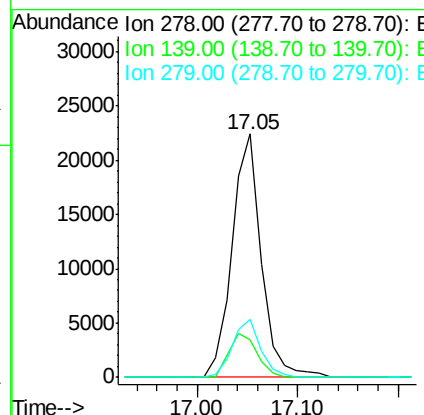
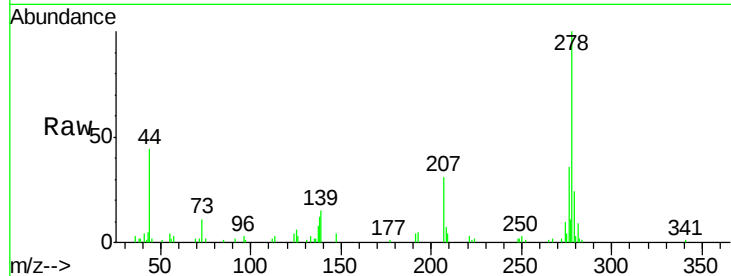
#90
Dibenzo(a,h)anthracene
Concen: 3.31 ng
RT: 17.05 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF081769.D
Acq: 24 Sep 2015 17:54

Instrument :
BNA_F
ClientSampleId :
SSTDIC02.5

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.2	14.4	21.6
279	23.7	19.8	29.6

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#91
Benzo(g,h,i)perylene
Concen: 3.50 ng
RT: 17.46 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BF081769.D
Acq: 24 Sep 2015 17:54

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.6	18.7	28.1
138	26.0	20.2	30.2

