

Data Path : Z:\HPCHEM1\BNA_M\Data\BM010215\
 Data File : BM000110.D
 Acq On : 02 Jan 2015 15:35
 Operator : TP/IZ
 Sample : SSTD02012
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02012

Manual Integrations
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 1/6/2015 1:38:33 PM

Quant Time: Jan 05 00:21:50 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM122914.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 31 02:57:11 2014
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	282488	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	1231208	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.47	164	856784	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.21	188	1689739	20.00	ng/ul	-0.01
75) Chrysene-d12	21.40	240	1402027	20.00	ng/ul	-0.01
83) Perylene-d12	23.69	264	1143389	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.32	96	35942	7.38	ng/uL	-0.01
5) Phenol-d5	7.00	99	472969	19.33	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.17	67	285103	19.06	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.37	132	345697	19.84	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	366896	18.98	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	173708	20.40	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	187497m	21.60	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	374989m	19.45	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.77	131	467933	21.48	ng/ul	0.00
43) Dimethylphthalate-d6	13.88	166	1209055	19.13	ng/ul	-0.01
46) Acenaphthylene-d8	14.16	160	1442545	19.05	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.67	143	175121	17.16	ng/ul	0.00
57) Fluorene-d10	15.47	176	1025844	18.90	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.58	200	152025	18.14	ng/ul	0.00
70) Anthracene-d10	17.32	188	1516385	19.41	ng/ul	0.00
76) Pyrene-d10	19.60	212	1516139	23.44	ng/ul	-0.01
87) Benzo(a)pyrene-d12	23.55	264	989577	19.18	ng/ul	-0.01

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.35	88	49178	7.28 ng/uL	95
4) Benzaldehyde	6.98	77	340138	22.31 ng/ul	94
6) Phenol	7.02	94	485260	19.05 ng/ul	94
8) Bis(2-Chloroethyl)ether	7.26	93	371969	19.10 ng/ul	97
10) 2-Chlorophenol	7.40	128	359494	19.71 ng/ul	100
11) 2-Methylphenol	8.28	108	378079	19.24 ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.37	45	624167	19.89 ng/ul	99
14) Acetophenone	8.65	105	636381	19.29 ng/ul	97
15) N-Nitroso-di-n-propylamine	8.64	70	342954	19.85 ng/ul	95
16) 4-Methylphenol	8.60	108	406377	19.11 ng/ul	93
17) Hexachloroethane	8.92	117	162897	19.56 ng/ul	93
20) Nitrobenzene	9.04	77	509491	20.07 ng/ul	97
21) Isophorone	9.56	82	939221	19.19 ng/ul	99
23) 2-Nitrophenol	9.74	139	201420	20.99 ng/ul#	86
24) 2,4-Dimethylphenol	9.80	107	504689	19.37 ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.05	93	511023	18.76 ng/ul	99
27) 2,4-Dichlorophenol	10.28	162	374795	19.56 ng/ul	97
28) Naphthalene	10.68	128	1196892	19.06 ng/ul	99
30) 4-Chloroaniline	10.79	127	460521	20.44 ng/ul	96
31) Hexachlorobutadiene	10.96	225	272827	20.08 ng/ul	97
32) Caprolactam	11.54	113	113485	17.78 ng/ul	88
33) 4-Chloro-3-methylphenol	11.91	107	462881	19.69 ng/ul	98
34) 2-Methylnaphthalene	12.29	142	880369	18.91 ng/ul	99

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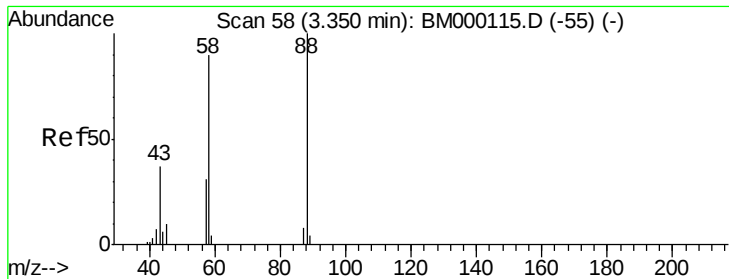
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Quant Time: Jan 05 00:21:50 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM122914.M
 Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.67	216	472129	19.87	ng/ul	99
37) Hexachlorocyclopentadiene	12.64	237	297085	18.93	ng/ul	99
38) 2,4,6-Trichlorophenol	12.89	196	300357	19.82	ng/ul	99
39) 2,4,5-Trichlorophenol	12.97	196	319151	19.39	ng/ul	99
40) 1,1'-Biphenyl	13.31	154	1187316	19.23	ng/ul	98
41) 2-Chloronaphthalene	13.35	162	916711	19.37	ng/ul	97
42) 2-Nitroaniline	13.55	65	327523	21.35	ng/ul	93
44) Dimethylphthalate	13.93	163	1194638	18.98	ng/ul	98
45) 2,6-Dinitrotoluene	14.05	165	234018	20.79	ng/ul	89
47) Acenaphthylene	14.20	152	1519257	19.03	ng/ul	100
48) 3-Nitroaniline	14.38	138	241096	20.91	ng/ul	94
49) Acenaphthene	14.54	153	968486	19.04	ng/ul	100
50) 2,4-Dinitrophenol	14.57	184	87609	15.33	ng/ul#	90
52) 4-Nitrophenol	14.68	109	248457	18.30	ng/ul	93
53) Dibenzofuran	14.87	168	1381884	18.76	ng/ul	96
54) 2,4-Dinitrotoluene	14.84	165	333584	19.86	ng/ul	88
55) 2,3,4,6-Tetrachlorophenol	15.10	232	275906	19.44	ng/ul	92
56) Diethylphthalate	15.29	149	1227347	18.55	ng/ul	99
58) Fluorene	15.52	166	1111573	18.18	ng/ul	96
59) 4-Chlorophenyl-phenylether	15.51	204	575015	19.07	ng/ul	99
60) 4-Nitroaniline	15.53	138	249334	19.14	ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.59	198	159202	18.57	ng/ul#	89
64) N-Nitrosodiphenylamine	15.73	169	962077	19.63	ng/ul	100
65) 4-Bromophenyl-phenylether	16.41	248	350455	20.35	ng/ul	98
66) Hexachlorobenzene	16.52	284	394032	19.85	ng/ul	91
67) Atrazine	16.68	200	365936	18.93	ng/ul	99
68) Pentachlorophenol	16.86	266	215811m	17.87	ng/ul	
69) Phenanthrene	17.26	178	1748503m	19.12	ng/ul	
71) Anthracene	17.35	178	1803641	19.18	ng/ul	99
72) Carbazole	17.61	167	1556571	18.38	ng/ul	99
73) Di-n-butylphthalate	18.17	149	1969647	19.49	ng/ul#	98
74) Fluoranthene	19.27	202	1917506	18.29	ng/ul	99
77) Pyrene	19.64	202	1923737	22.77	ng/ul	99
78) Butylbenzylphthalate	20.54	149	769551	22.41	ng/ul	99
79) 3,3'-Dichlorobenzidine	21.32	252	510619	19.92	ng/ul	99
80) Benzo(a)anthracene	21.39	228	1569595	19.39	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.32	149	1054037	21.09	ng/ul#	99
82) Chrysene	21.43	228	1457514	19.54	ng/ul	99
84) Di-n-octyl phthalate	22.21	149	1582833	20.13	ng/ul	100
85) Benzo(b)fluoranthene	23.00	252	1320627	18.10	ng/ul	99
86) Benzo(k)fluoranthene	23.04	252	1290516	20.72	ng/ul	100
88) Benzo(a)pyrene	23.59	252	1229290	19.18	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	26.03	276	1361844	20.37	ng/ul	97
90) Dibenzo(a,h)anthracene	26.04	278	1148911	20.41	ng/ul	97
91) Benzo(g,h,i)perylene	26.75	276	1153524	21.00	ng/ul	98

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



#2

1,4-Dioxane

Concen: 7.28 ng/uL

RT: 3.35 min Scan# 58

Delta R.T. -0.01 min

Lab File: BM000110.D

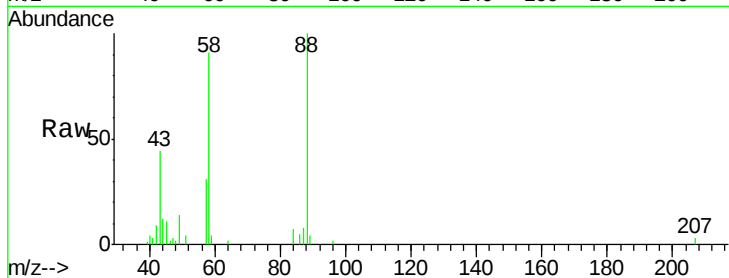
Acq: 02 Jan 2015 15:35

Instrument :

BNA_M

ClientSampleId :

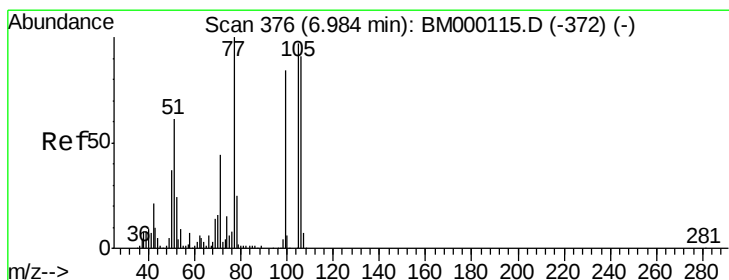
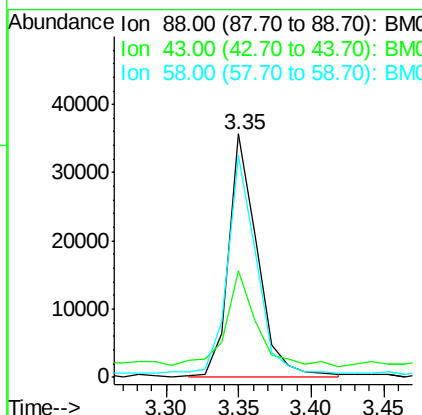
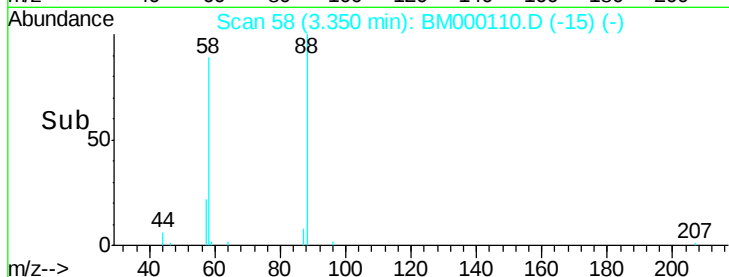
SSTD02012



Tgt Ion:	88	Resp:	49178
Ion Ratio	Lower	Upper	
88	100		
43	42.4	34.9	52.3
58	90.3	67.3	100.9

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#4

Benzaldehyde

Concen: 22.31 ng/uL

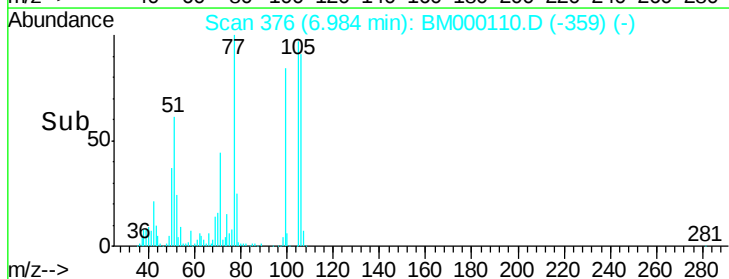
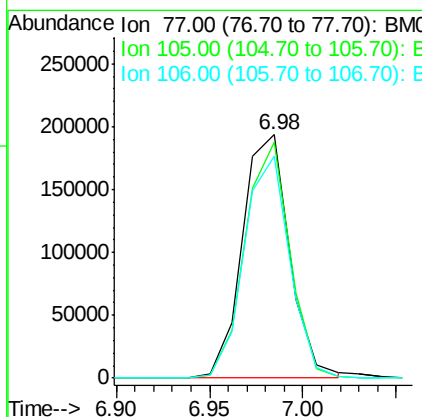
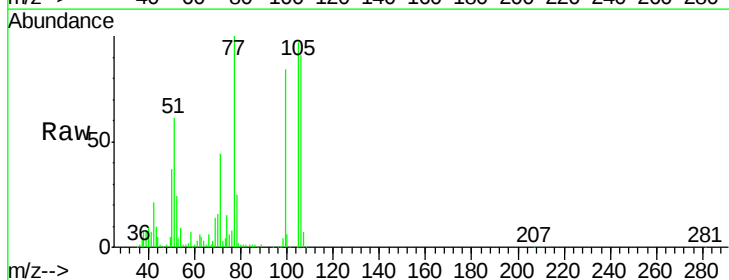
RT: 6.98 min Scan# 376

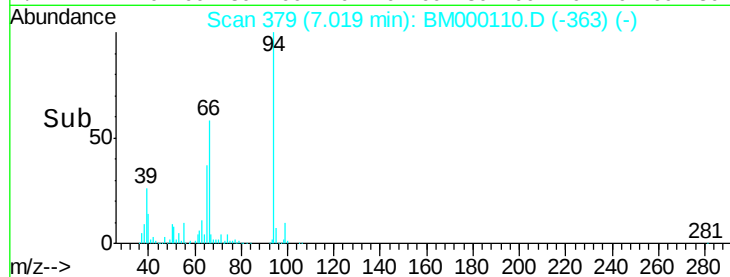
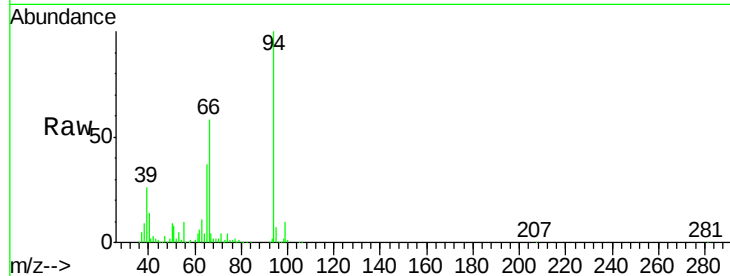
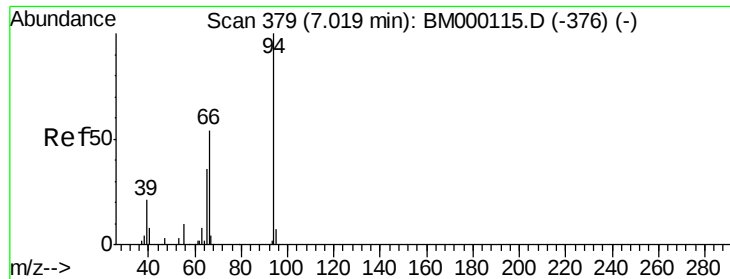
Delta R.T. -0.00 min

Lab File: BM000110.D

Acq: 02 Jan 2015 15:35

Tgt Ion:	77	Resp:	340138
Ion Ratio	Lower	Upper	
77	100		
105	96.8	73.5	110.3
106	91.0	67.9	101.9





#6

Phenol

Concen: 19.05 ng/ul

RT: 7.02 min Scan# 379

Delta R.T. -0.01 min

Lab File: BM000110.D

Acq: 02 Jan 2015 15:35

Instrument :

BNA_M

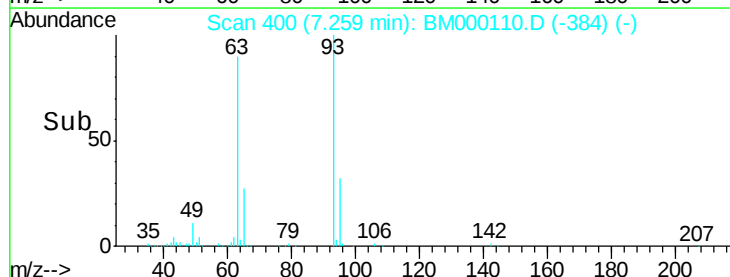
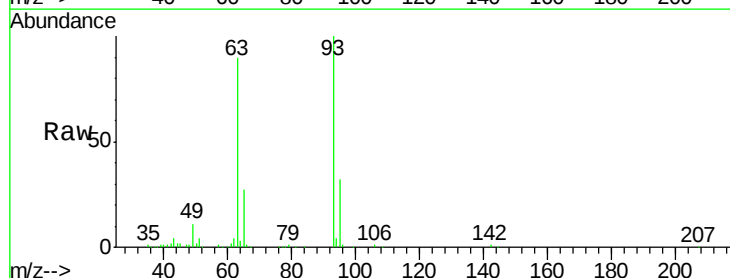
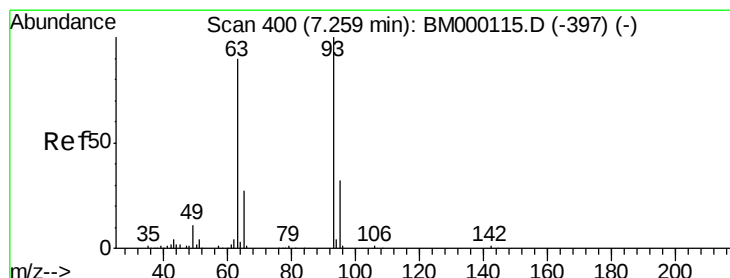
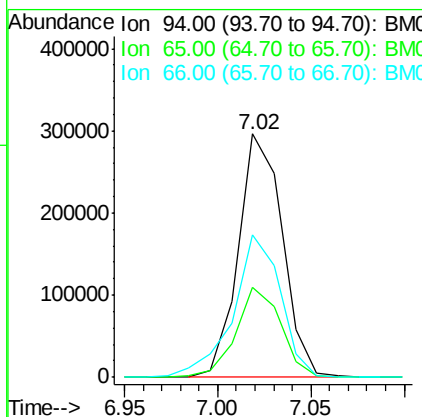
ClientSampleId :

SSTD02012

Tgt Ion:	94	Resp:	485260
Ion	Ratio	Lower	Upper
94	100		
65	37.0	27.4	41.0
66	58.3	42.5	63.7

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#8

Bis(2-Chloroethyl)ether

Concen: 19.10 ng/ul

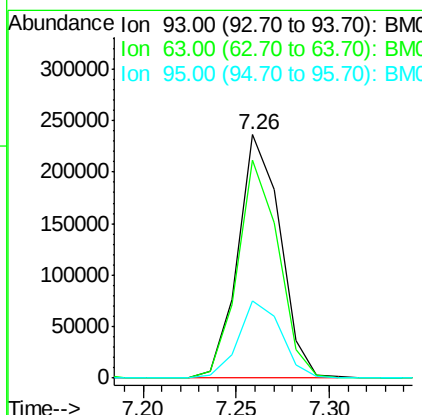
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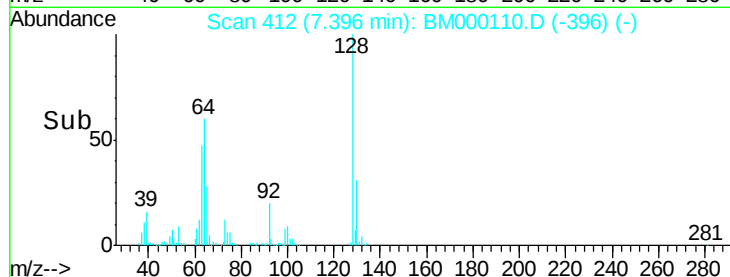
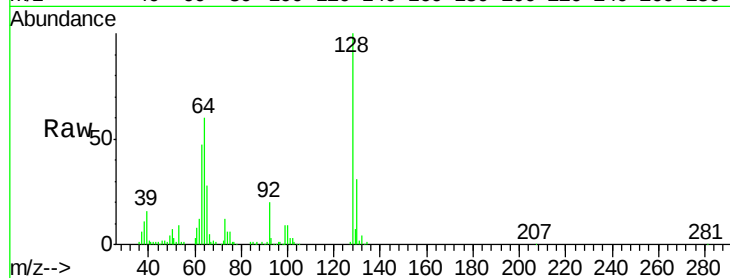
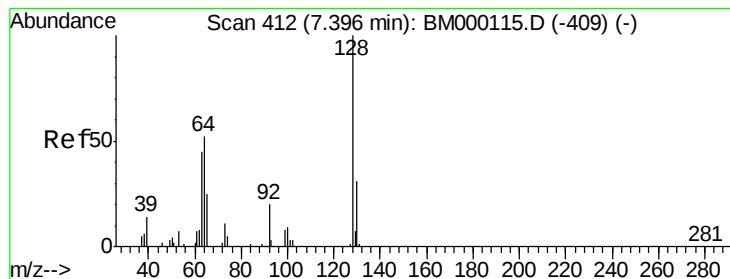
Delta R.T. -0.01 min

Lab File: BM000110.D

Acq: 02 Jan 2015 15:35

Tgt Ion:	93	Resp:	371969
Ion	Ratio	Lower	Upper
93	100		
63	89.5	68.9	103.3
95	32.0	24.6	37.0





#10

2-Chlorophenol

Concen: 19.71 ng/ul

RT: 7.40 min Scan# 412

Delta R.T. -0.01 min

Lab File: BM000110.D

Acq: 02 Jan 2015 15:35

Tgt Ion:	128	Resp:	359494
Ion Ratio	Lower	Upper	
128	100		
64	59.6	47.2	70.8
130	31.5	25.2	37.8

Instrument :

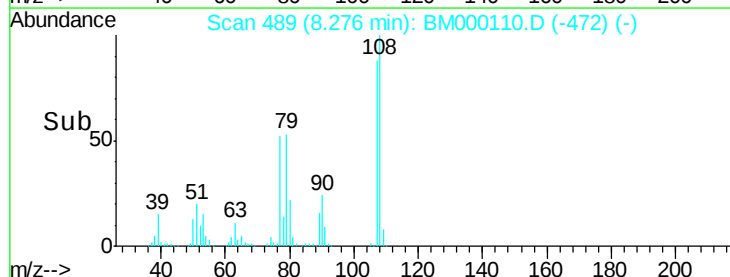
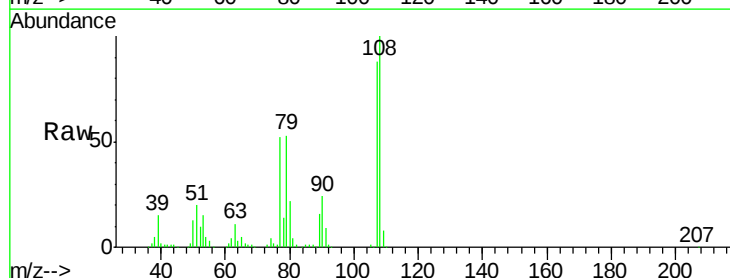
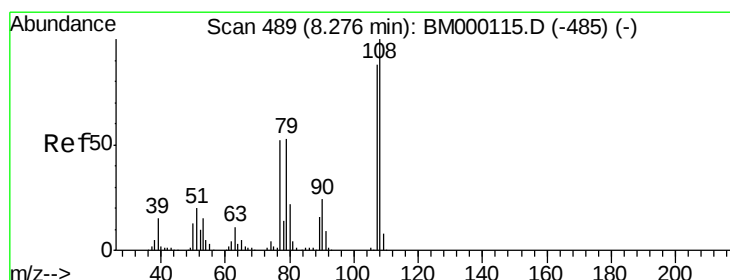
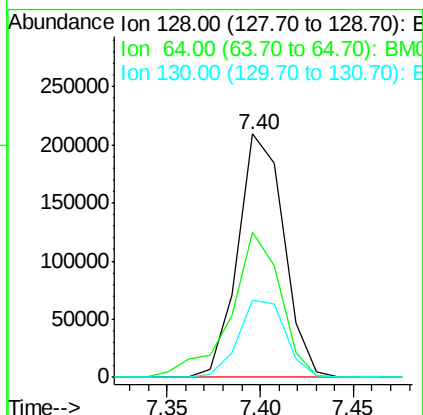
BNA_M

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#11

2-Methylphenol

Concen: 19.24 ng/ul

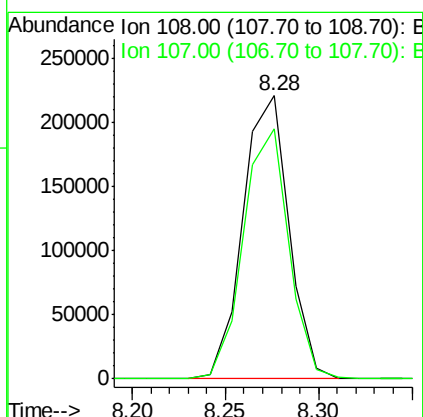
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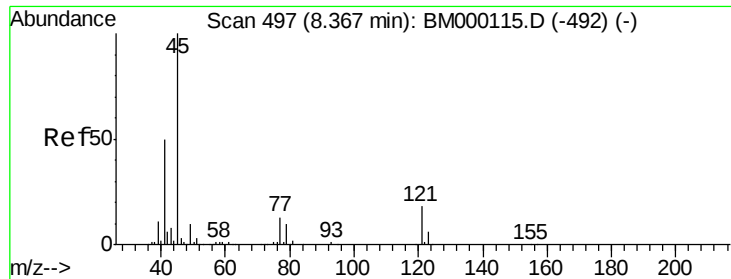
Delta R.T. -0.00 min

Lab File: BM000110.D

Acq: 02 Jan 2015 15:35

Tgt Ion:	108	Resp:	378079
Ion Ratio	Lower	Upper	
108	100		
107	88.3	70.7	106.1





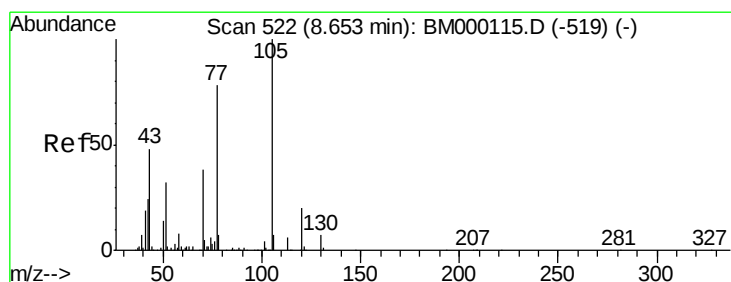
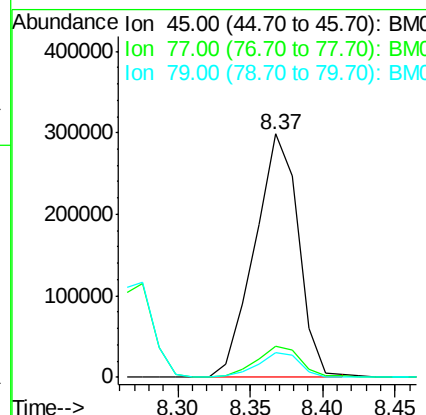
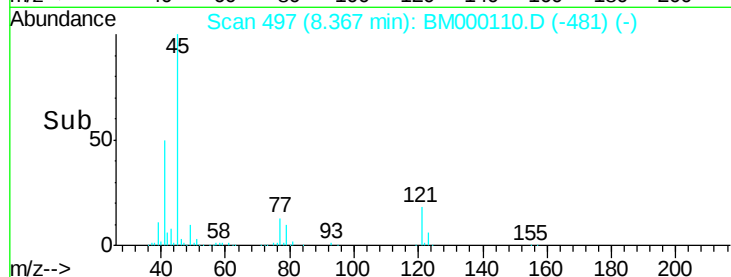
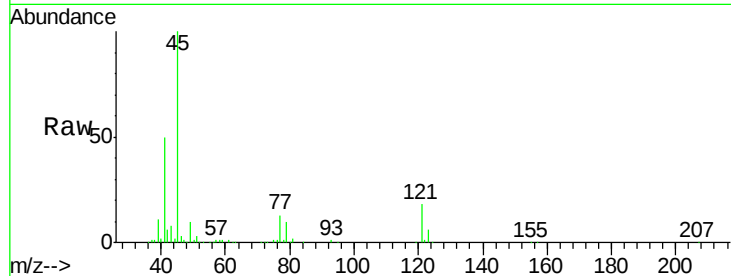
#12
2,2'-oxybis(1-Chloropropane)
Concen: 19.89 ng/ul
RT: 8.37 min Scan# 497
Delta R.T. -0.01 min
Lab File: BM000110.D
Acq: 02 Jan 2015 15:35

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Tgt Ion	Ratio	Resp Lower	Resp Upper
45	100		
77	12.8	9.9	14.9
79	10.3	8.3	12.5

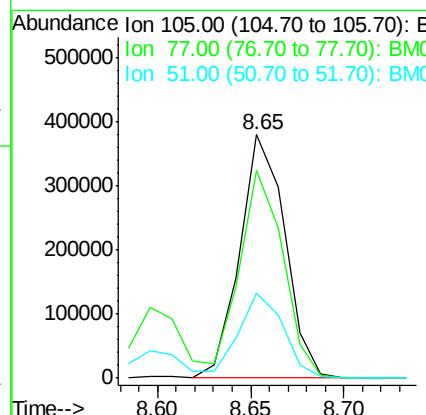
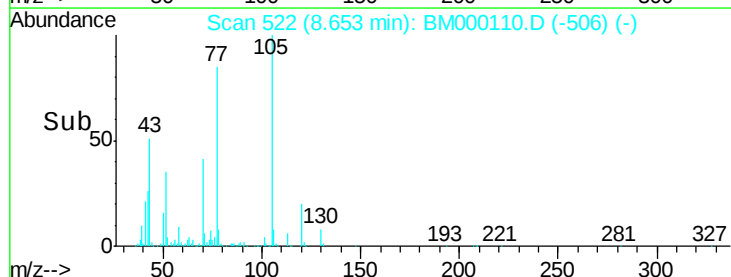
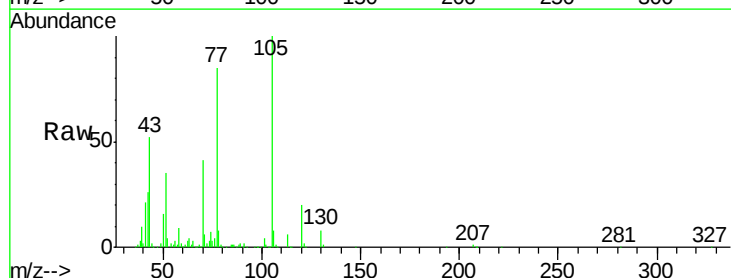
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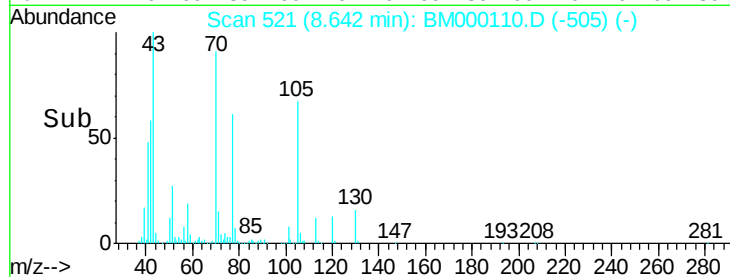
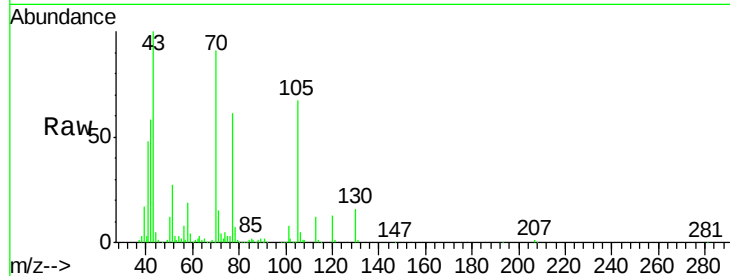
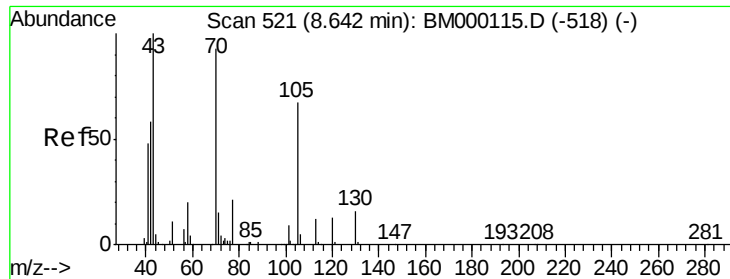
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#14
Acetophenone
Concen: 19.29 ng/ul
RT: 8.65 min Scan# 522
Delta R.T. -0.01 min
Lab File: BM000110.D
Acq: 02 Jan 2015 15:35

Tgt Ion	Ratio	Resp Lower	Resp Upper
105	100		
77	85.2	66.3	99.5
51	34.7	26.5	39.7





#15

N-Nitroso-di-n-propylamine

Concen: 19.85 ng/ul

RT: 8.64 min Scan# 521

Delta R.T. -0.01 min

Lab File: BM000110.D

Acq: 02 Jan 2015 15:35

Instrument :

BNA_M

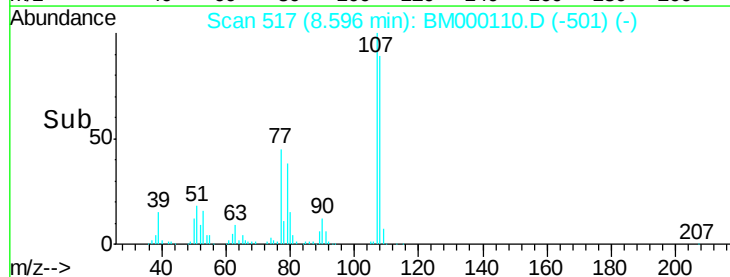
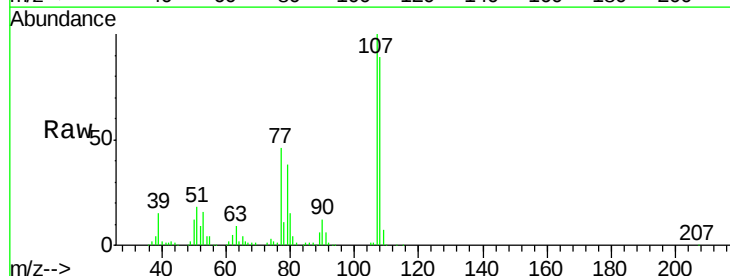
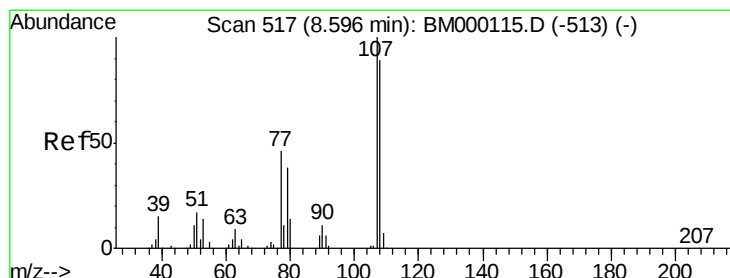
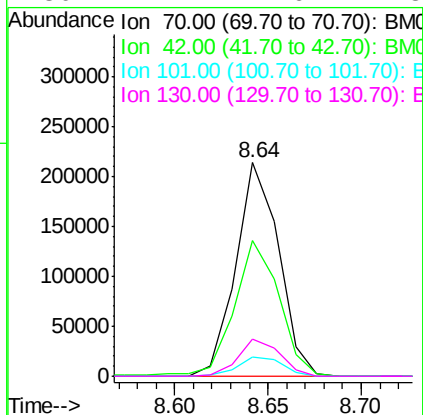
ClientSampleId :

SSTD02012

Tgt Ion	Ion	Ratio	Lower	Upper
70	100			
42	63.3	46.4	69.6	
101	9.2	7.8	11.8	
130	17.4	14.6	21.8	

Manual Integrations
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#16

4-Methylphenol

Concen: 19.11 ng/ul

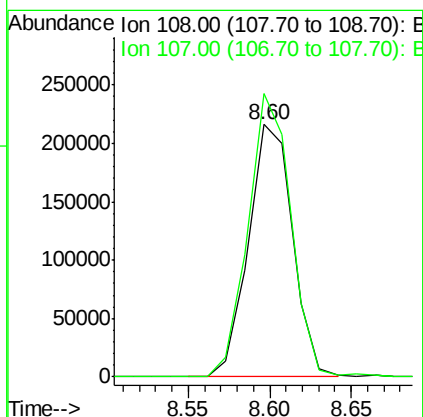
RT: 8.60 min Scan# 517

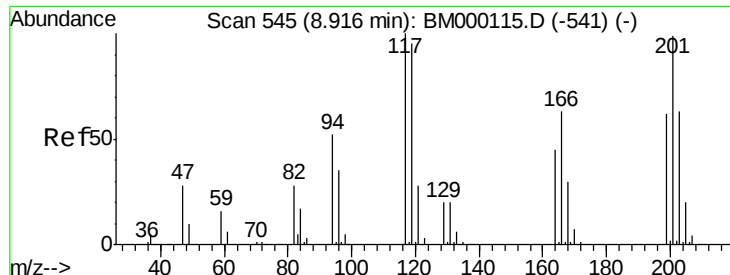
Delta R.T. -0.01 min

Lab File: BM000110.D

Acq: 02 Jan 2015 15:35

Tgt Ion	Ion	Ratio	Lower	Upper
108	100			
107	112.2	84.0	126.0	





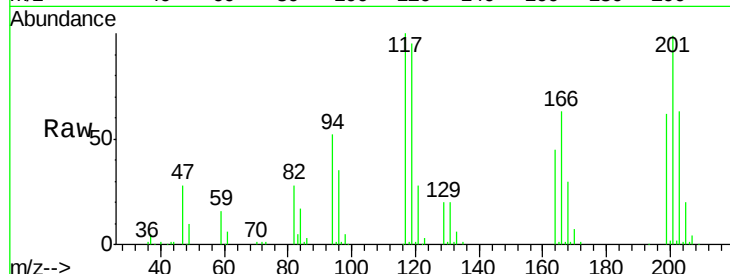
#17
Hexachloroethane
Concen: 19.56 ng/ul
RT: 8.92 min Scan# 545
Delta R.T. -0.01 min
Lab File: BM000110.D
Acq: 02 Jan 2015 15:35

Instrument :
BNA_M
ClientSampleId :
SSTD02012

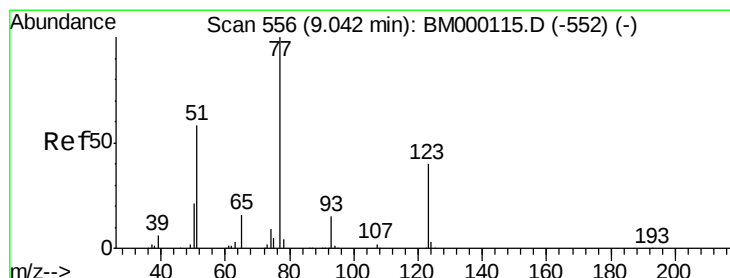
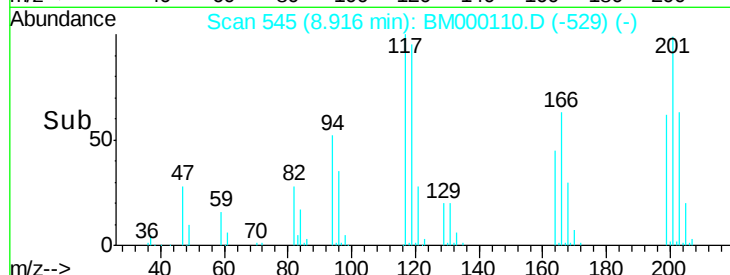
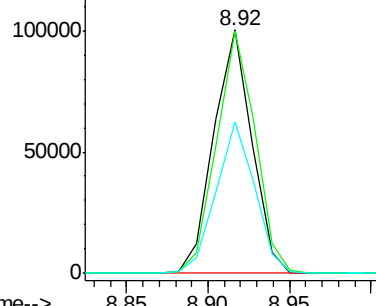
Tgt Ion	Ratio	Resp	Lower	Upper
117	100	162897		
201	99.4	85.2	127.8	
199	62.0	55.1	82.7	

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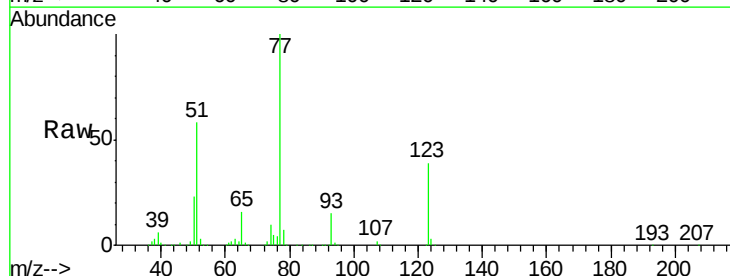


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 201.00 (200.70 to 201.70): E
Ion 199.00 (198.70 to 199.70): E

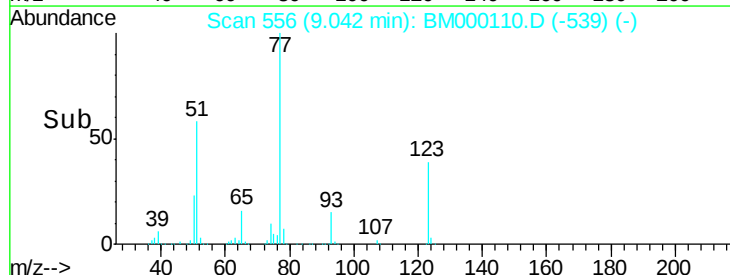
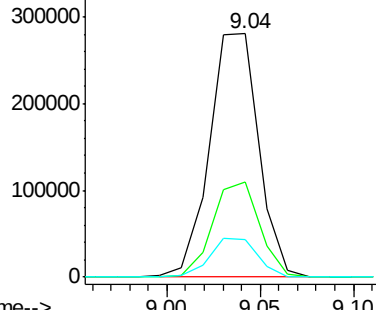


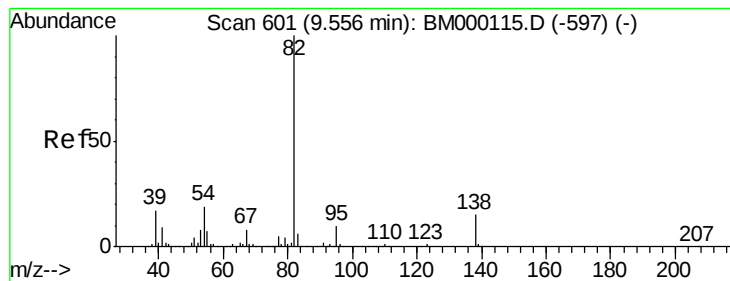
#20
Nitrobenzene
Concen: 20.07 ng/ul
RT: 9.04 min Scan# 556
Delta R.T. -0.00 min
Lab File: BM000110.D
Acq: 02 Jan 2015 15:35

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	509491		
123	39.3	29.2	43.8	
65	15.6	12.4	18.6	



Abundance Ion 77.00 (76.70 to 77.70): BM
Ion 123.00 (122.70 to 123.70): E
Ion 65.00 (64.70 to 65.70): BM





#21

Isophorone

Concen: 19.19 ng/ul

RT: 9.56 min Scan# 601

Delta R.T. -0.01 min

Lab File: BM000110.D

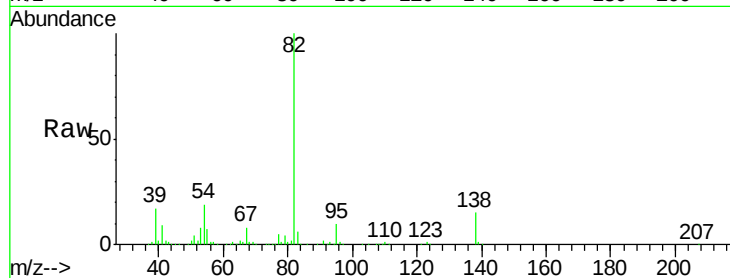
Acq: 02 Jan 2015 15:35

Instrument :

BNA_M

ClientSampleId :

SSTD02012



Tgt Ion: 82 Resp: 939221

Ion Ratio Lower Upper

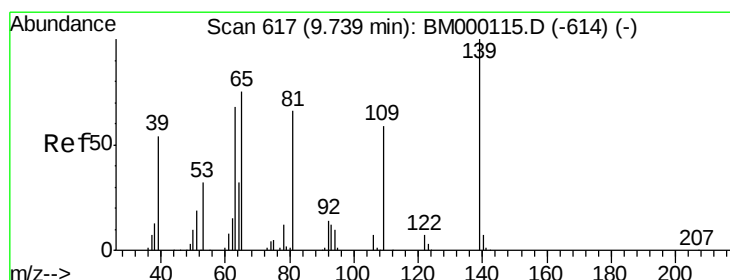
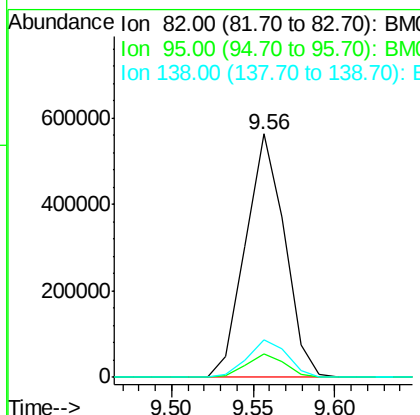
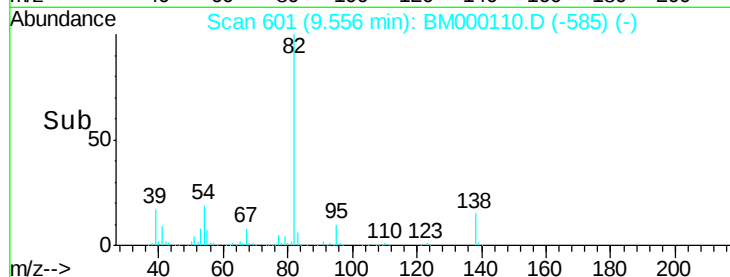
82 100

95 9.8 6.9 10.3

138 15.2 12.1 18.1

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#23

2-Nitrophenol

Concen: 20.99 ng/ul

RT: 9.74 min Scan# 617

Delta R.T. -0.01 min

Lab File: BM000110.D

Acq: 02 Jan 2015 15:35

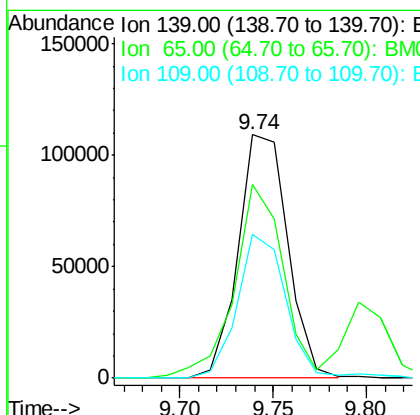
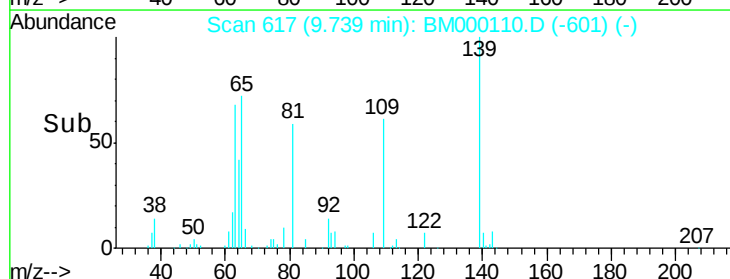
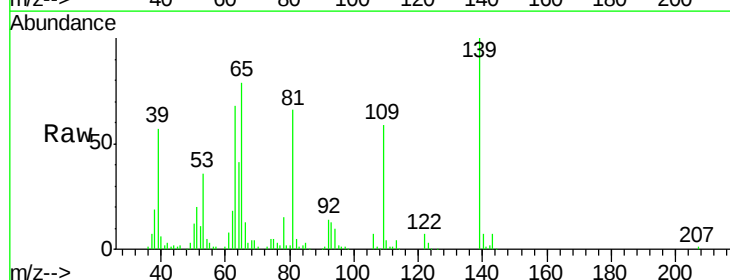
Tgt Ion: 139 Resp: 201420

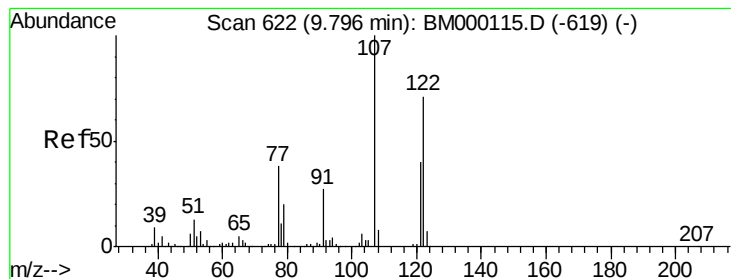
Ion Ratio Lower Upper

139 100

65 79.3 56.3 84.5

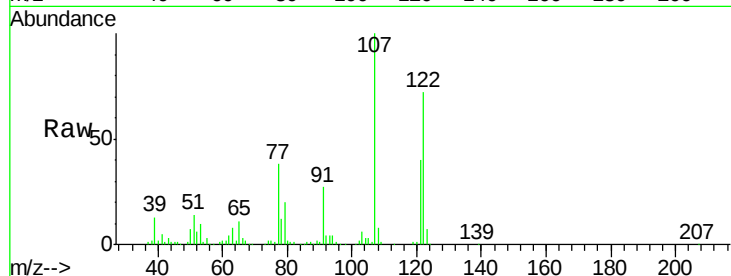
109 58.9 37.1 55.7#





#24
 2,4-Dimethylphenol
 Concen: 19.37 ng/ul
 RT: 9.80 min Scan# 622
 Delta R.T. -0.01 min
 Lab File: BM000110.D
 Acq: 02 Jan 2015 15:35

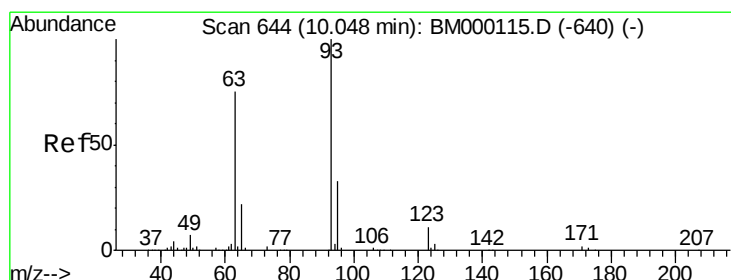
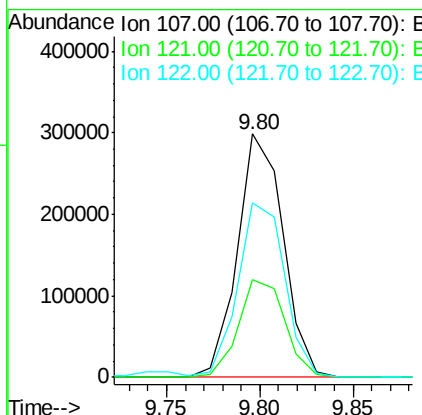
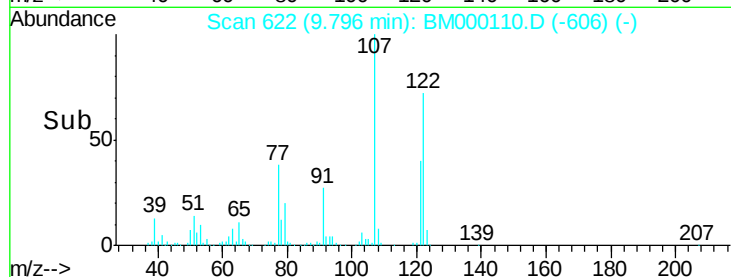
Instrument :
 BNA_M
 ClientSampleId :
 SST02012



Tgt Ion	Ratio	Lower	Upper
107	100		
121	40.0	33.0	49.6
122	71.9	59.3	88.9

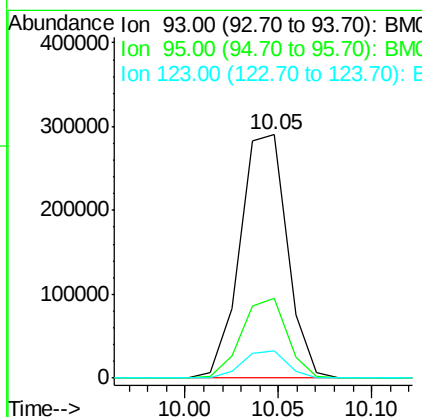
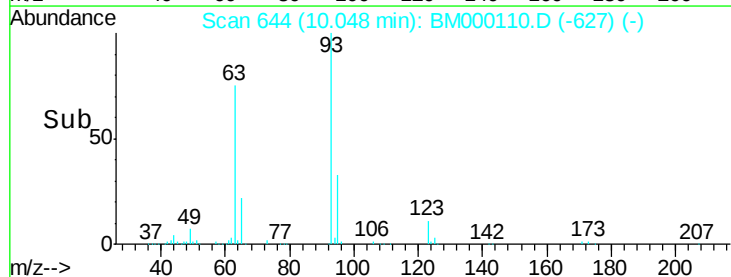
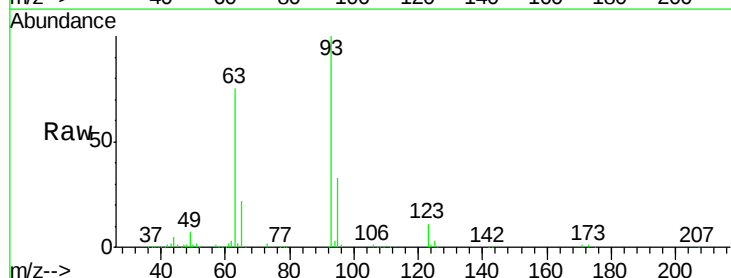
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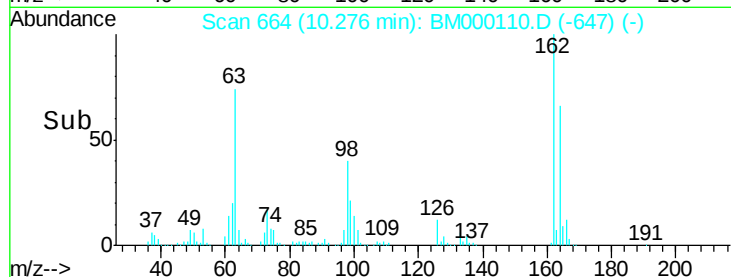
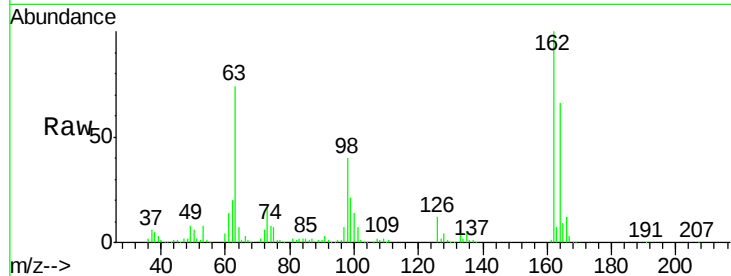
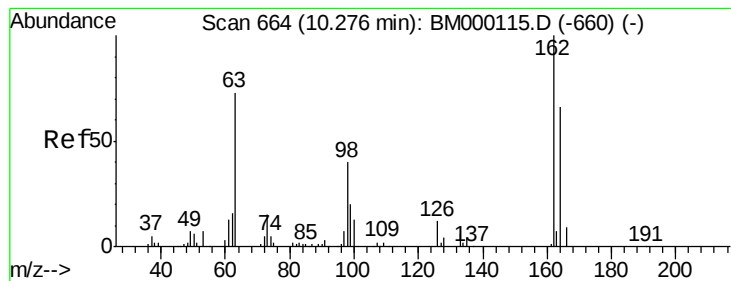
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#25
 Bis(2-Chloroethoxy)methane
 Concen: 18.76 ng/ul
 RT: 10.05 min Scan# 644
 Delta R.T. -0.00 min
 Lab File: BM000110.D
 Acq: 02 Jan 2015 15:35

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.1	39.1
123	11.1	7.4	11.2





#27

2,4-Dichlorophenol

Concen: 19.56 ng/ul

RT: 10.28 min Scan# 664

Delta R.T. -0.00 min

Lab File: BM000110.D

Acq: 02 Jan 2015 15:35

Tgt Ion:	162	Resp:	374795
Ion Ratio	Lower	Upper	
162	100		
164	66.1	50.2	75.4
98	39.9	31.4	47.2

Instrument :

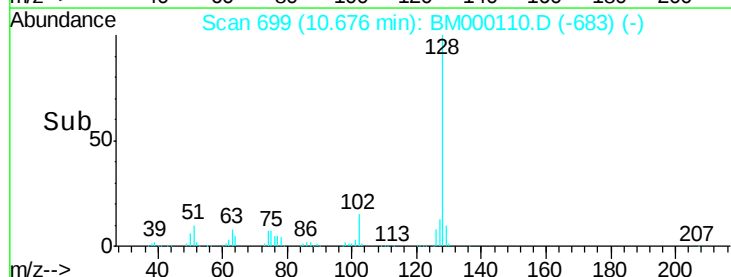
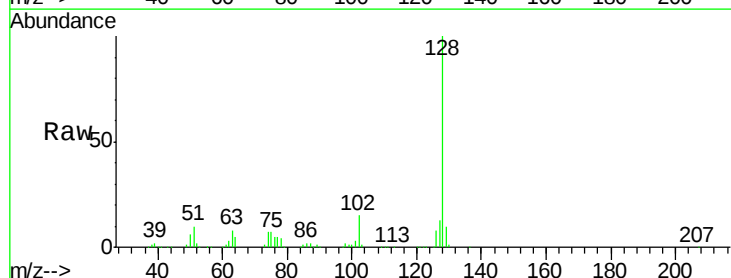
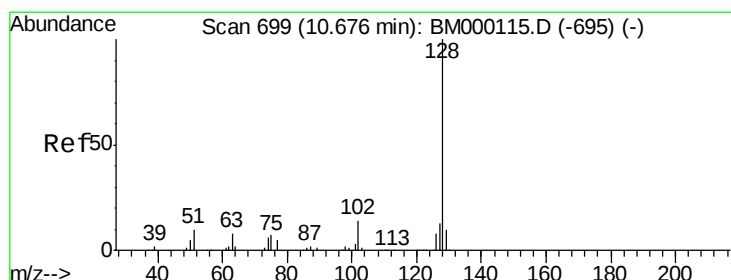
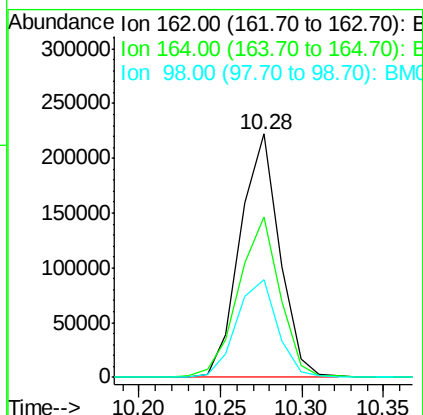
BNA_M

ClientSampleId :

SSTD02012

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#28

Naphthalene

Concen: 19.06 ng/ul

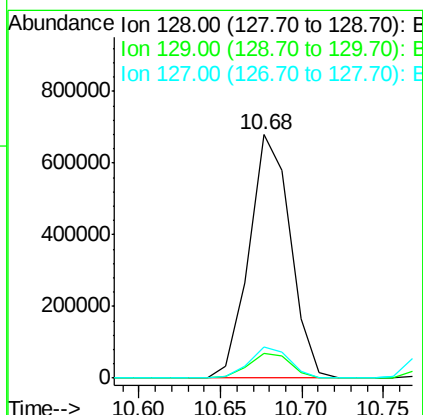
RT: 10.68 min Scan# 699

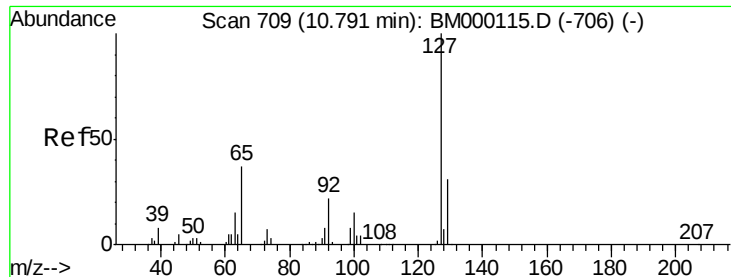
Delta R.T. -0.01 min

Lab File: BM000110.D

Acq: 02 Jan 2015 15:35

Tgt Ion:	128	Resp:	1196892
Ion Ratio	Lower	Upper	
128	100		
129	10.4	8.6	13.0
127	13.0	10.3	15.5





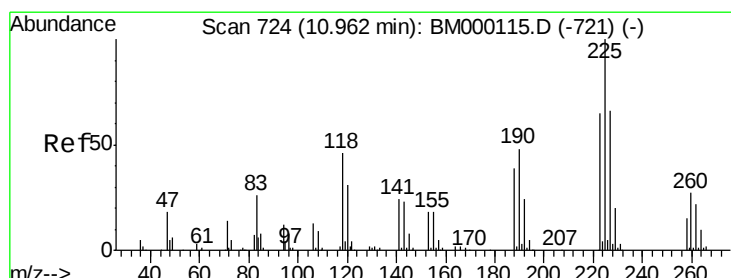
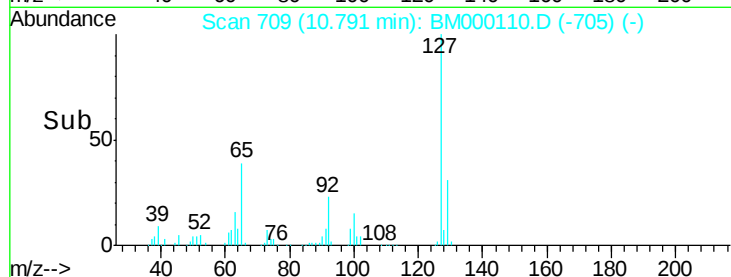
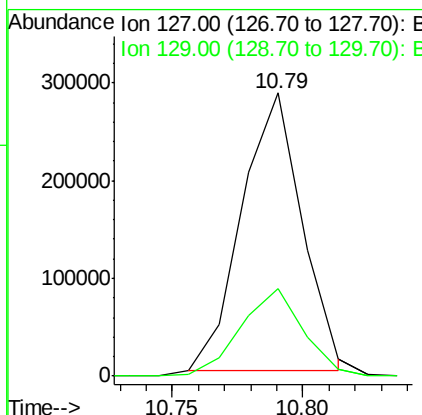
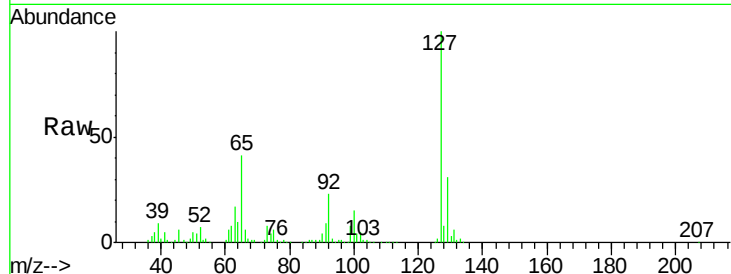
#30
4-Chloroaniline
Concen: 20.44 ng/ul
RT: 10.79 min Scan# 709
Delta R.T. -0.00 min
Lab File: BM000110.D
Acq: 02 Jan 2015 15:35

Instrument :
BNA_M
ClientSampleId :
SSTD02012

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	460521		
129	30.7	26.5	39.7	

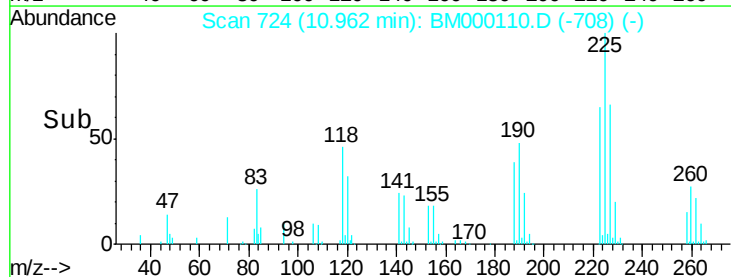
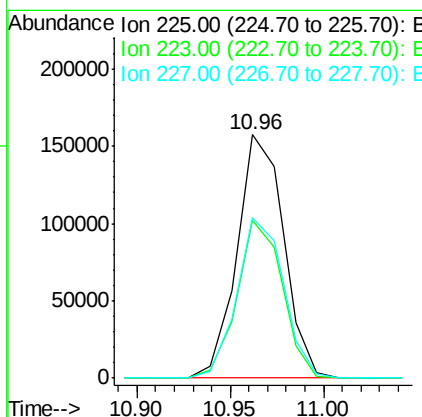
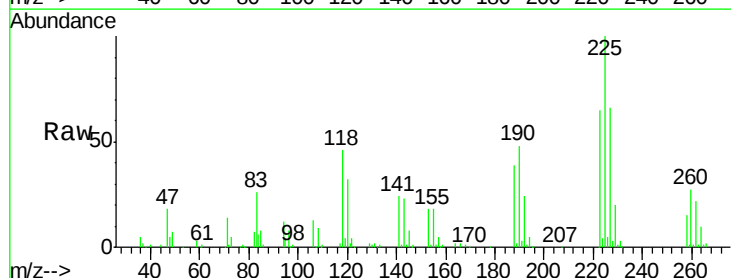
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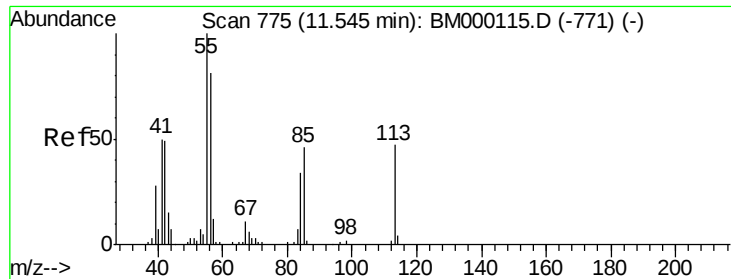
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#31
Hexachlorobutadiene
Concen: 20.08 ng/ul
RT: 10.96 min Scan# 724
Delta R.T. -0.01 min
Lab File: BM000110.D
Acq: 02 Jan 2015 15:35

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	272827		
223	64.9	54.4	81.6	
227	65.7	51.8	77.8	





#32

Caprolactam

Concen: 17.78 ng/ul

RT: 11.54 min Scan# 775

Delta R.T. -0.00 min

Lab File: BM000110.D

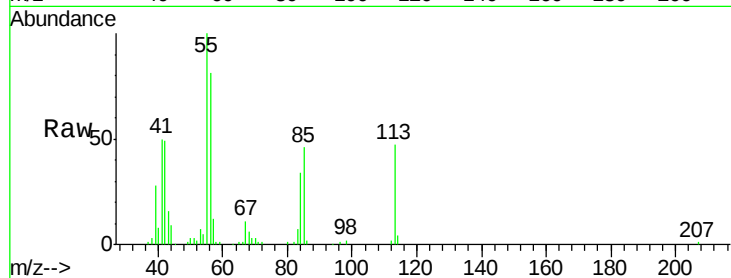
Acq: 02 Jan 2015 15:35

Instrument :

BNA_M

ClientSampleId :

SSTD02012



Tgt Ion:113 Resp: 113485

Ion Ratio Lower Upper

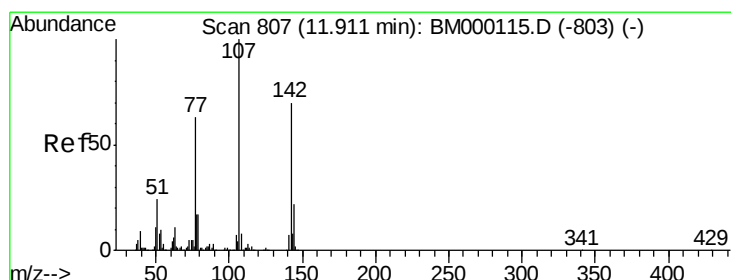
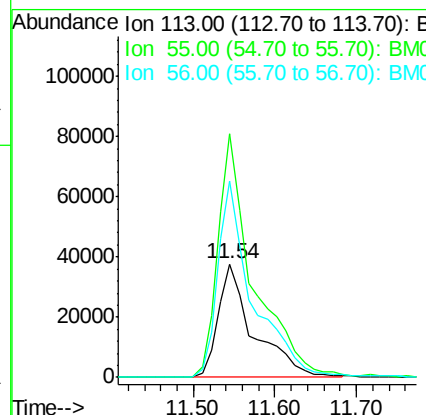
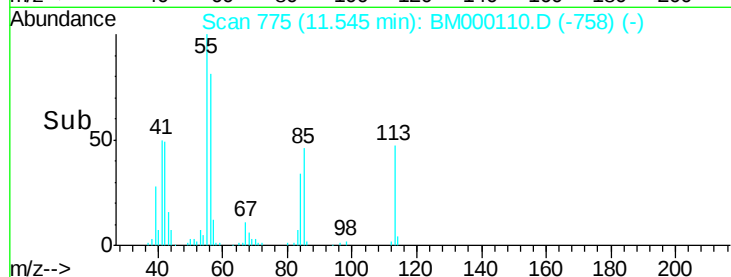
113 100

55 214.8 156.6 234.8

56 173.1 126.3 189.5

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#33

4-Chloro-3-methylphenol

Concen: 19.69 ng/ul

RT: 11.91 min Scan# 807

Delta R.T. -0.00 min

Lab File: BM000110.D

Acq: 02 Jan 2015 15:35

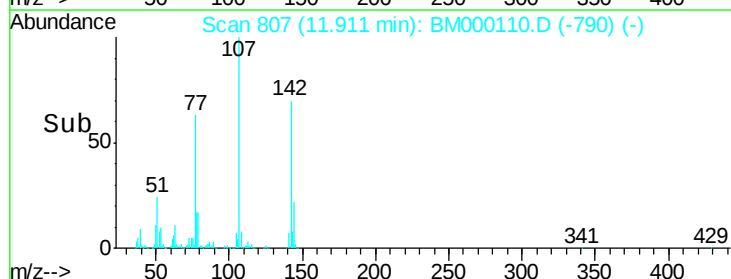
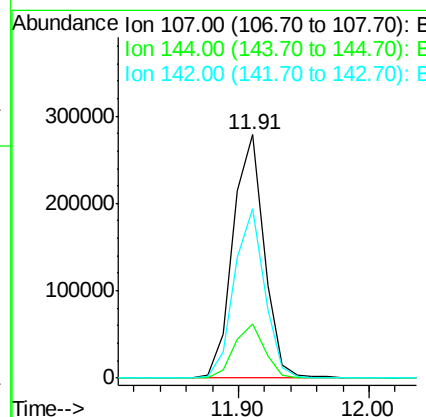
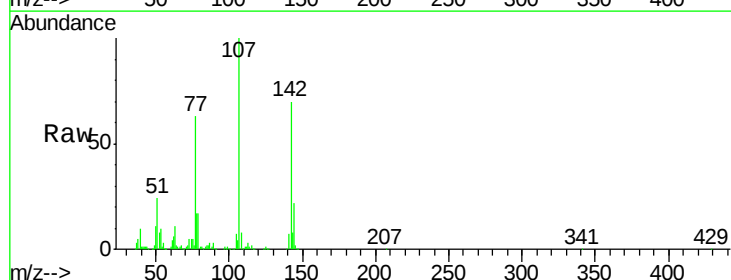
Tgt Ion:107 Resp: 462881

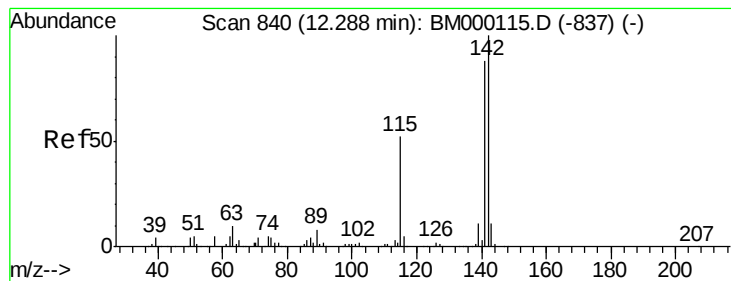
Ion Ratio Lower Upper

107 100

144 22.2 16.6 24.8

142 69.8 54.6 82.0





#34

2-Methylnaphthalene

Concen: 18.91 ng/ul

RT: 12.29 min Scan# 840

Delta R.T. -0.01 min

Lab File: BM000110.D

Acq: 02 Jan 2015 15:35

Instrument :

BNA_M

ClientSampleId :

SSTD02012

Tgt Ion:142 Resp: 880369

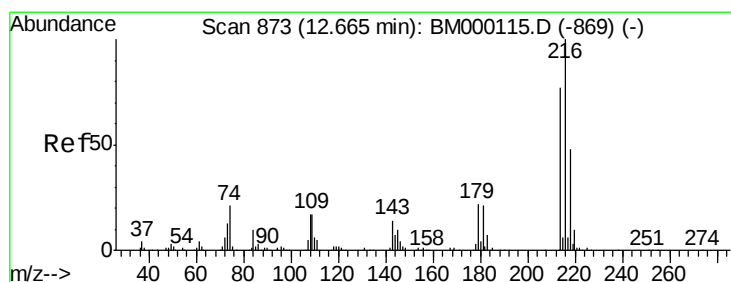
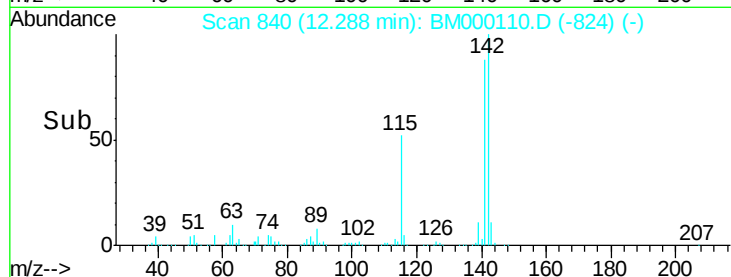
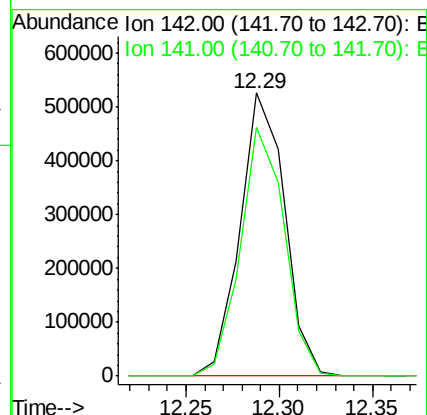
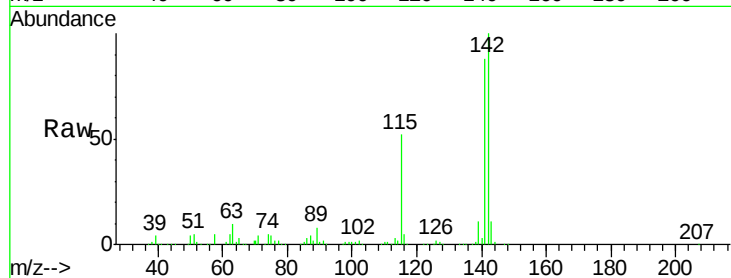
Ion Ratio Lower Upper

142 100

141 87.8 69.3 103.9

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#36

1,2,4,5-Tetrachlorobenzene

Concen: 19.87 ng/ul

RT: 12.67 min Scan# 873

Delta R.T. -0.00 min

Lab File: BM000110.D

Acq: 02 Jan 2015 15:35

Tgt Ion:216 Resp: 472129

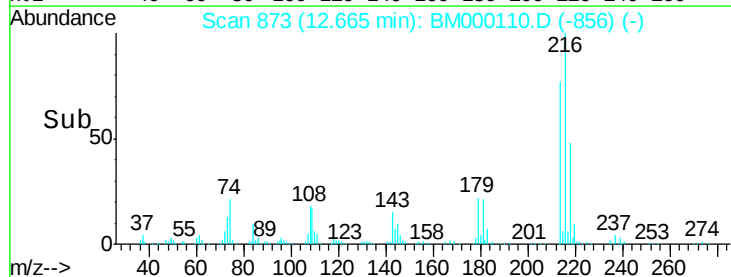
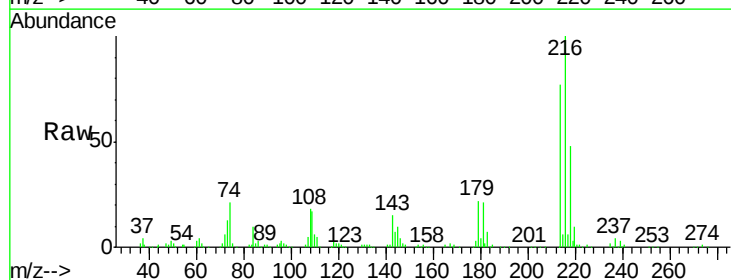
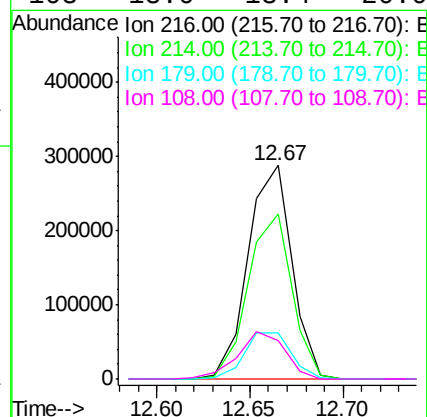
Ion Ratio Lower Upper

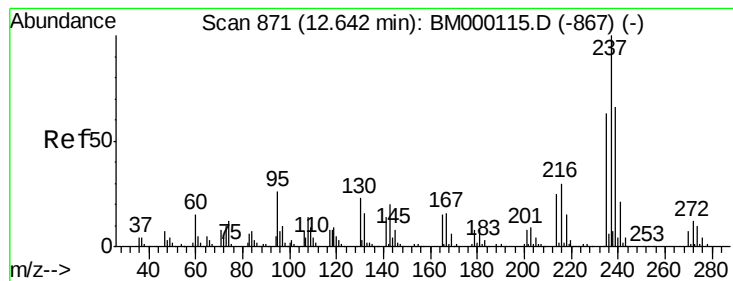
216 100

214 77.5 62.6 94.0

179 21.6 17.4 26.2

108 18.0 13.4 20.0





#37

Hexachlorocyclopentadiene

Concen: 18.93 ng/ul

RT: 12.64 min Scan# 871

Delta R.T. -0.01 min

Lab File: BM000110.D

Acq: 02 Jan 2015 15:35

Instrument :

BNA_M

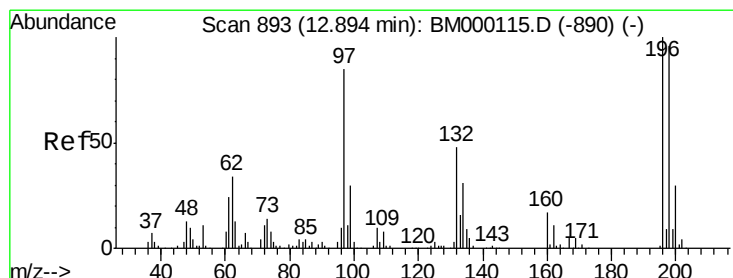
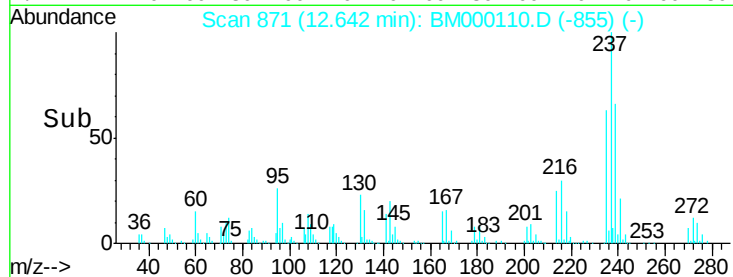
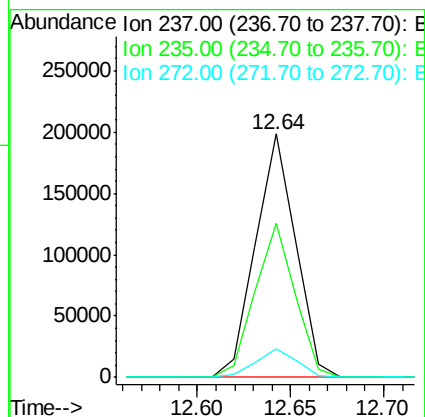
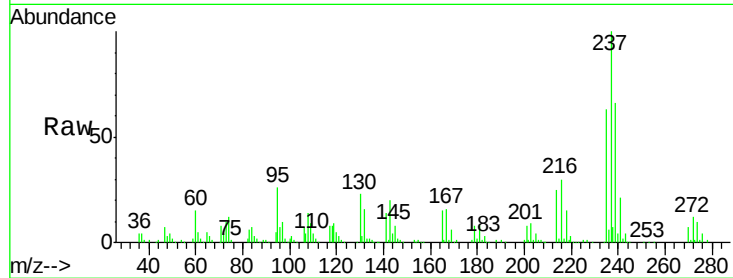
ClientSampleId :

SSTD02012

Tgt Ion:	237	Resp:	297085
Ion Ratio	Lower	Upper	
237	100		
235	63.1	50.0	75.0
272	11.7	8.9	13.3

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#38

2,4,6-Trichlorophenol

Concen: 19.82 ng/ul

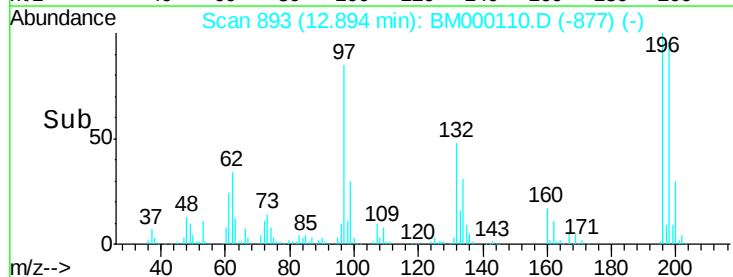
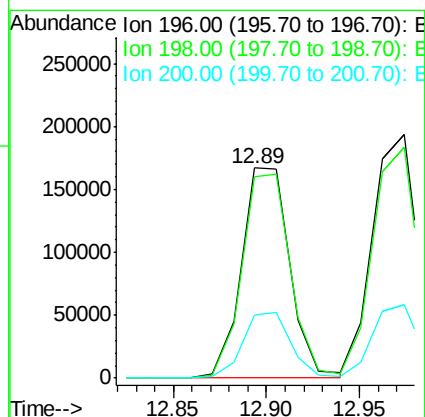
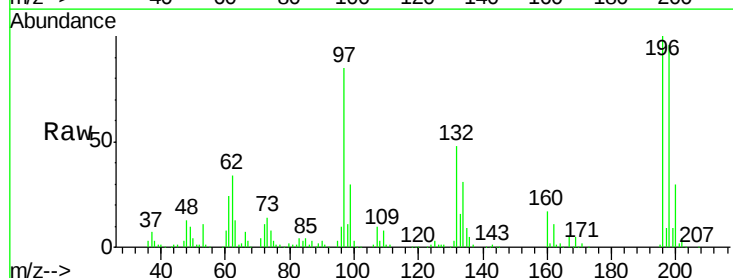
RT: 12.89 min Scan# 893

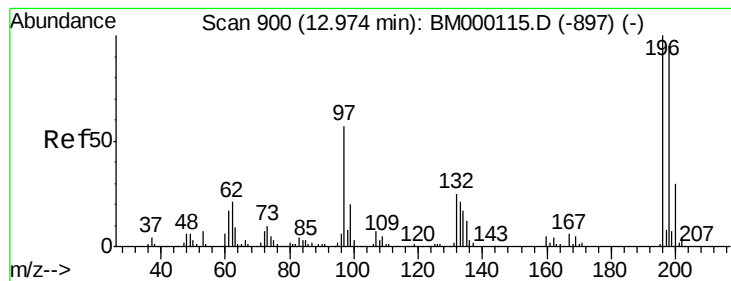
Delta R.T. -0.01 min

Lab File: BM000110.D

Acq: 02 Jan 2015 15:35

Tgt Ion:	196	Resp:	300357
Ion Ratio	Lower	Upper	
196	100		
198	96.3	76.6	114.8
200	29.9	24.5	36.7





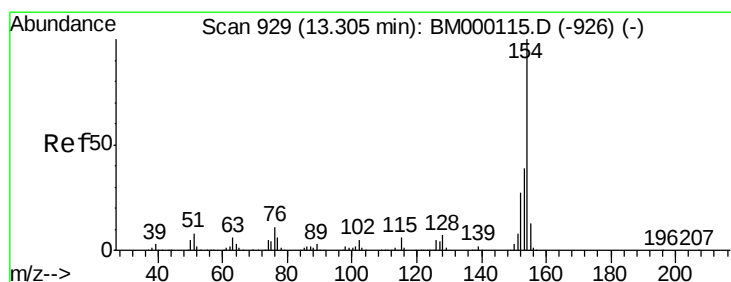
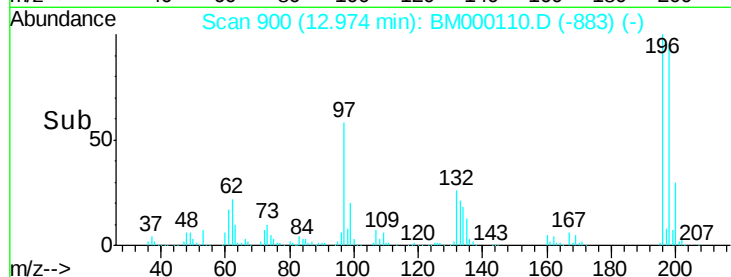
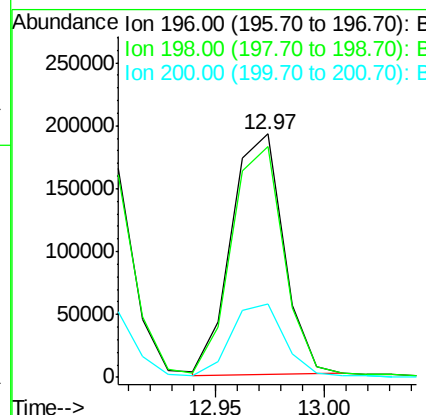
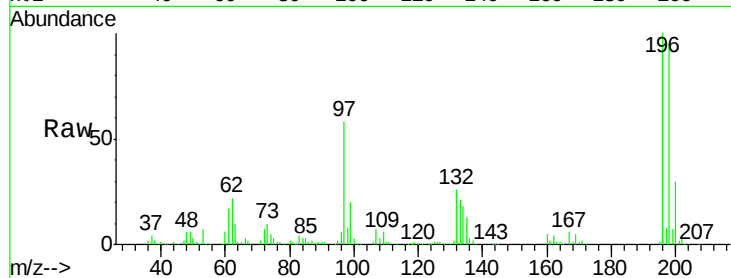
#39
 2,4,5-Trichlorophenol
 Concen: 19.39 ng/ul
 RT: 12.97 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: BM000110.D
 Acq: 02 Jan 2015 15:35

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02012

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	319151		
198	94.7	75.4	113.2	
200	30.3	25.0	37.4	

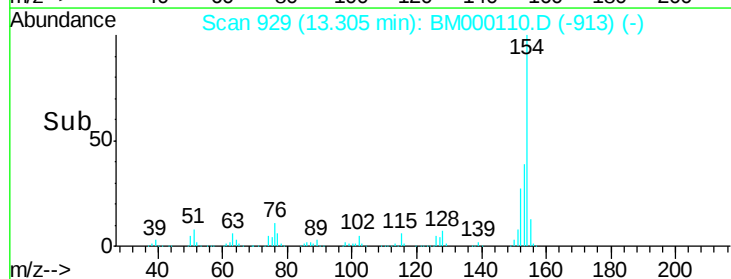
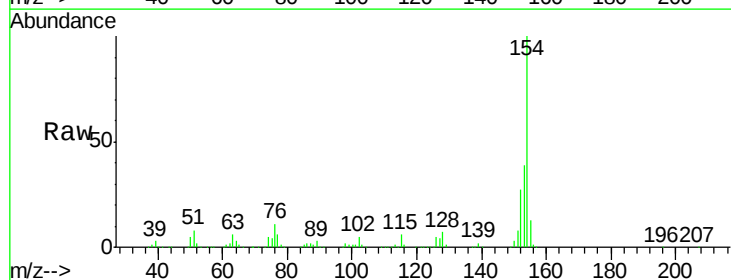
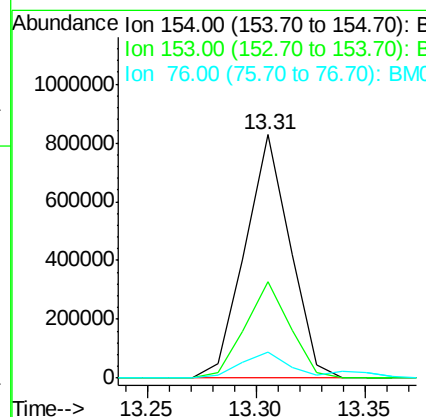
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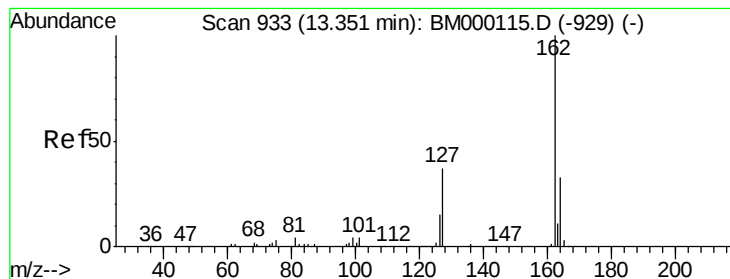
TEJASKUMAR
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#40
 1,1'-Biphenyl
 Concen: 19.23 ng/ul
 RT: 13.31 min Scan# 929
 Delta R.T. -0.01 min
 Lab File: BM000110.D
 Acq: 02 Jan 2015 15:35

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1187316		
153	39.5	30.5	45.7	
76	10.9	8.9	13.3	





#41

2-Chloronaphthalene

Concen: 19.37 ng/ul

RT: 13.35 min Scan# 933

Delta R.T. -0.00 min

Lab File: BM000110.D

Acq: 02 Jan 2015 15:35

Instrument :

BNA_M

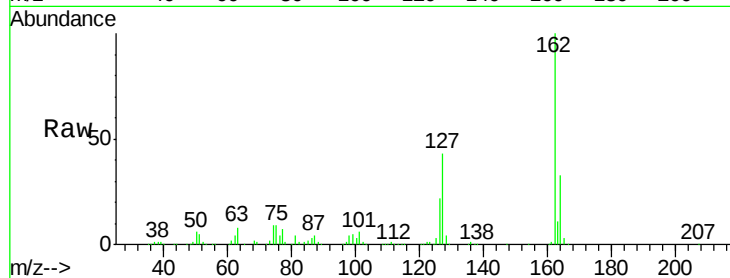
ClientSampleId :

SSTD02012

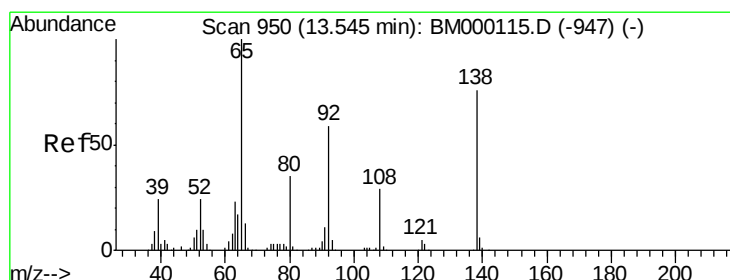
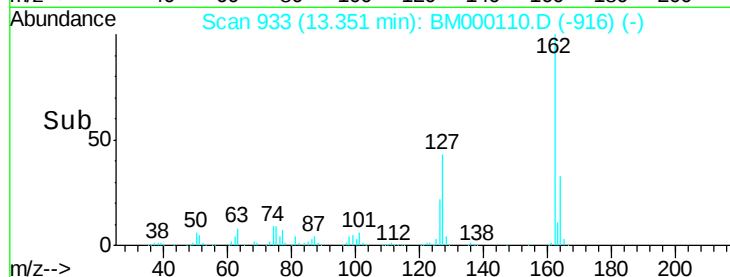
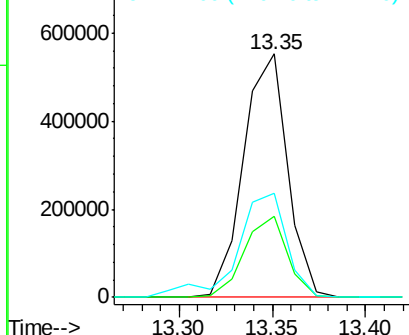
Tgt Ion:	162	Resp:	916711
Ion Ratio	Lower	Upper	
162	100		
164	33.3	25.8	38.6
127	42.7	35.9	53.9

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



#42

2-Nitroaniline

Concen: 21.35 ng/ul

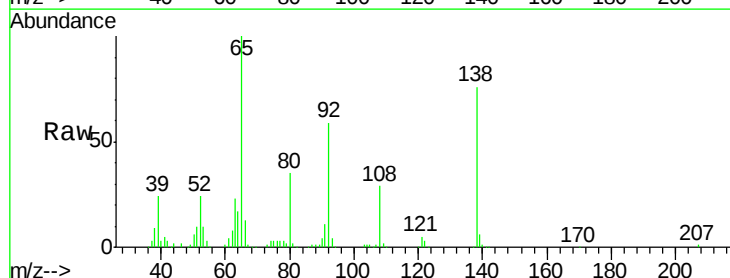
RT: 13.55 min Scan# 950

Delta R.T. -0.01 min

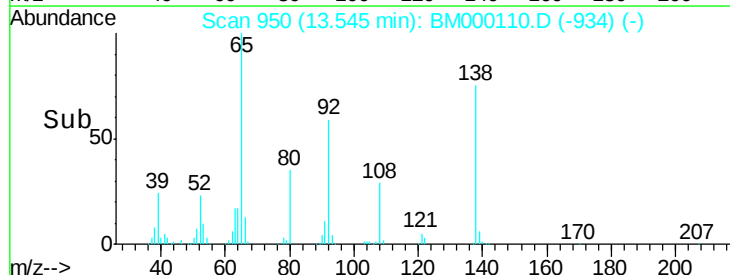
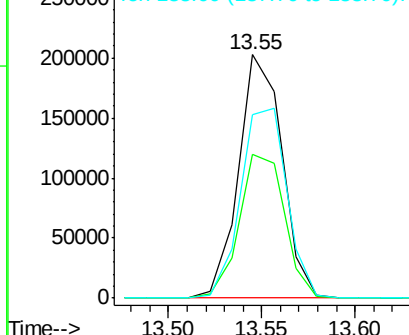
Lab File: BM000110.D

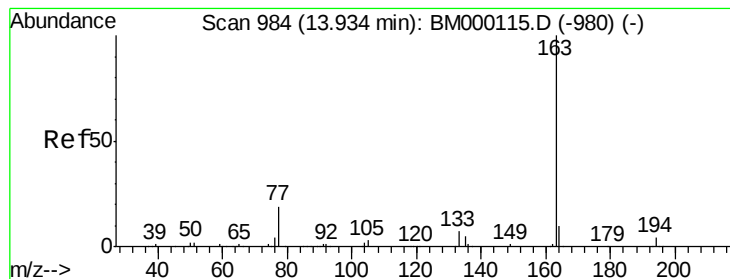
Acq: 02 Jan 2015 15:35

Tgt Ion:	65	Resp:	327523
Ion Ratio	Lower	Upper	
65	100		
92	59.3	50.4	75.6
138	75.6	66.9	100.3



Abundance Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0
Ion 138.00 (137.70 to 138.70): E





#44

Dimethylphthalate

Concen: 18.98 ng/ul

RT: 13.93 min Scan# 984

Delta R.T. -0.00 min

Lab File: BM000110.D

Acq: 02 Jan 2015 15:35

Instrument :

BNA_M

ClientSampleId :

SSTD02012

Tgt Ion:163 Resp: 1194638

Ion Ratio Lower Upper

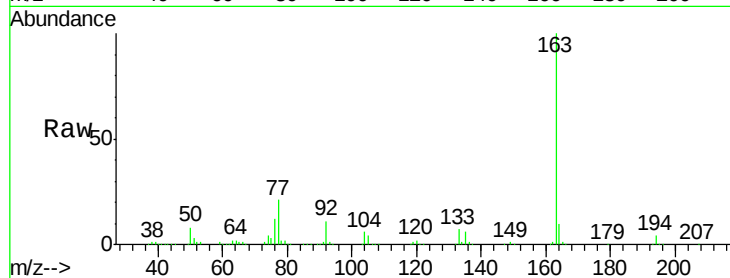
163 100

194 3.7 3.0 4.4

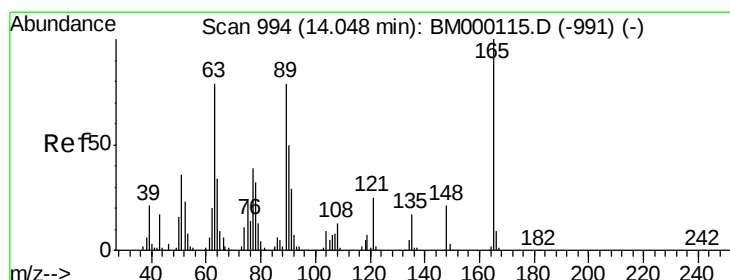
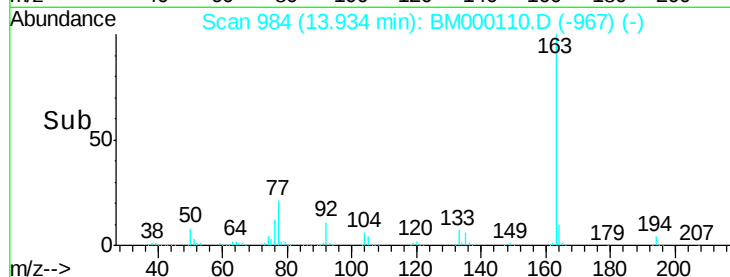
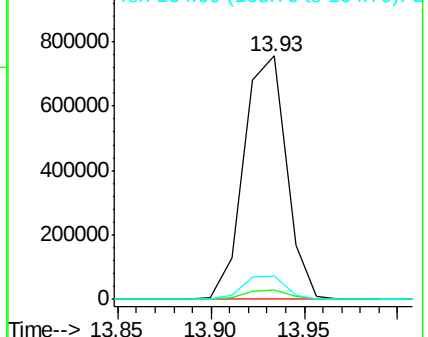
164 9.8 8.5 12.7

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



#45

2,6-Dinitrotoluene

Concen: 20.79 ng/ul

RT: 14.05 min Scan# 994

Delta R.T. -0.01 min

Lab File: BM000110.D

Acq: 02 Jan 2015 15:35

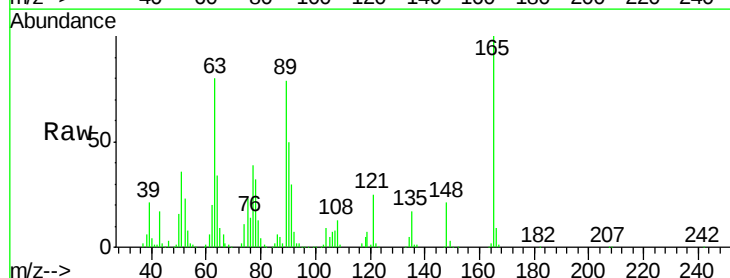
Tgt Ion:165 Resp: 234018

Ion Ratio Lower Upper

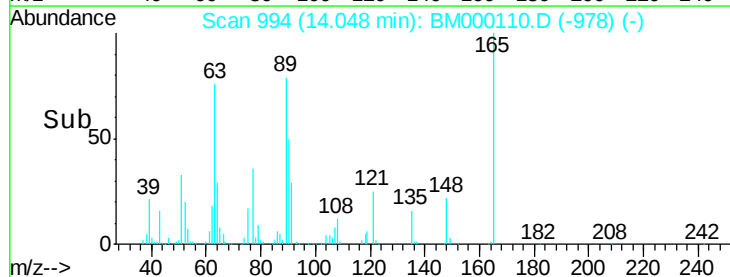
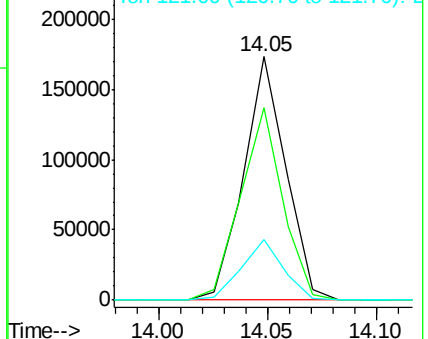
165 100

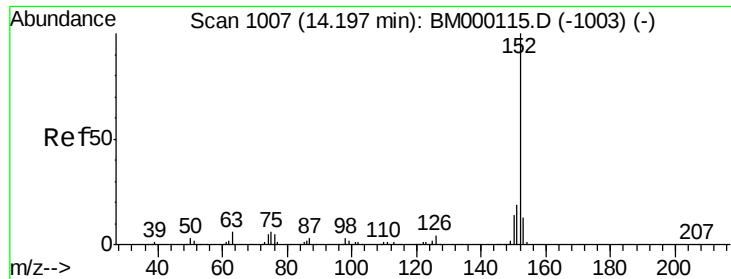
89 78.9 54.4 81.6

121 25.0 18.6 28.0



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 89.00 (88.70 to 89.70): BM0
Ion 121.00 (120.70 to 121.70): E





#47

Acenaphthylene

Concen: 19.03 ng/ul

RT: 14.20 min Scan# 1007

Delta R.T. -0.00 min

Lab File: BM000110.D

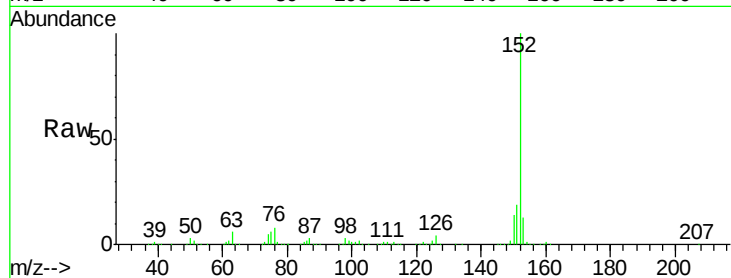
Acq: 02 Jan 2015 15:35

Instrument :

BNA_M

ClientSampleId :

SSTD02012



Tgt Ion:152 Resp: 1519257

Ion Ratio Lower Upper

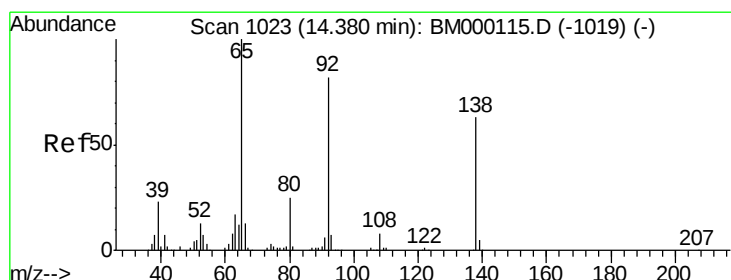
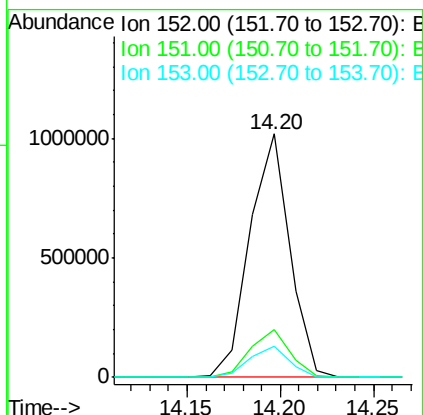
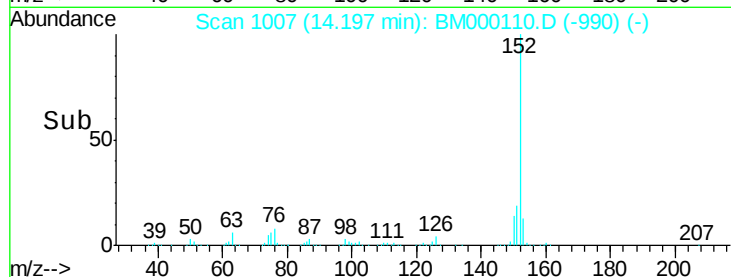
152 100

151 19.5 15.4 23.2

153 12.7 10.2 15.2

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#48

3-Nitroaniline

Concen: 20.91 ng/ul

RT: 14.38 min Scan# 1023

Delta R.T. -0.00 min

Lab File: BM000110.D

Acq: 02 Jan 2015 15:35

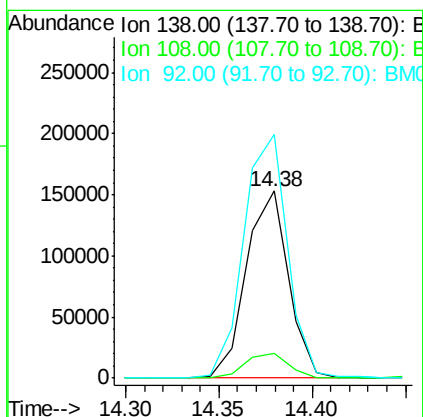
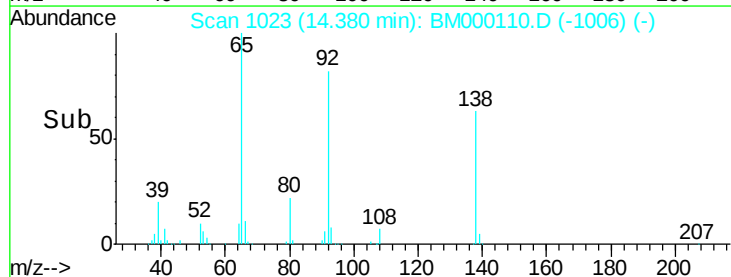
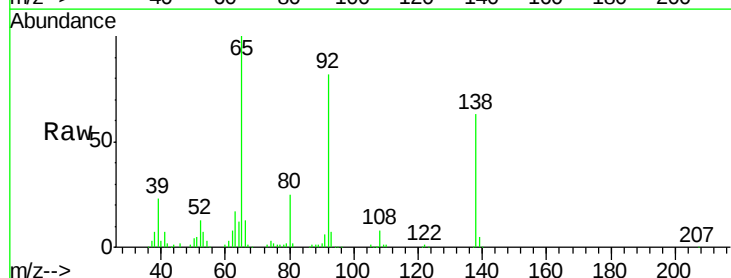
Tgt Ion:138 Resp: 241096

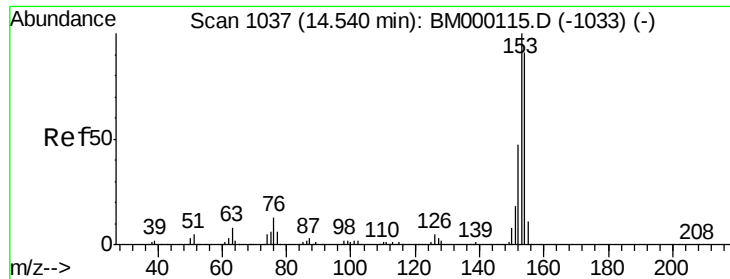
Ion Ratio Lower Upper

138 100

108 13.3 11.2 16.8

92 130.0 110.6 165.8





#49

Acenaphthene

Concen: 19.04 ng/ul

RT: 14.54 min Scan# 1037

Delta R.T. -0.00 min

Lab File: BM000110.D

Acq: 02 Jan 2015 15:35

Instrument :

BNA_M

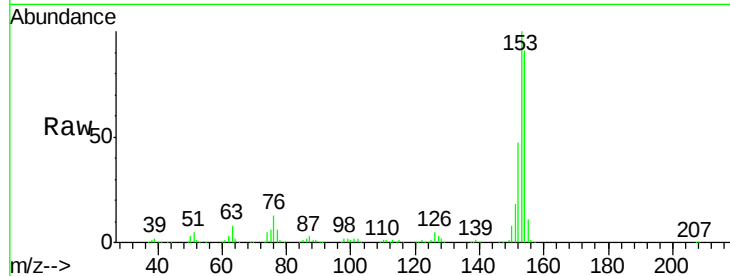
ClientSampleId :

SSTD02012

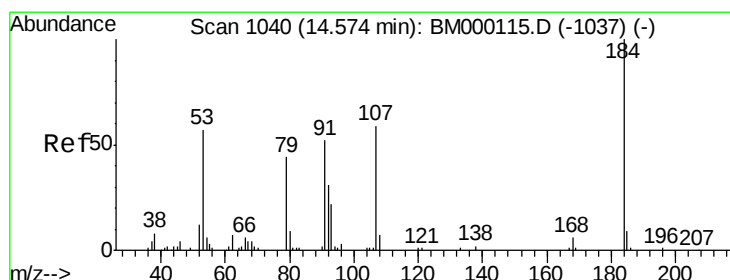
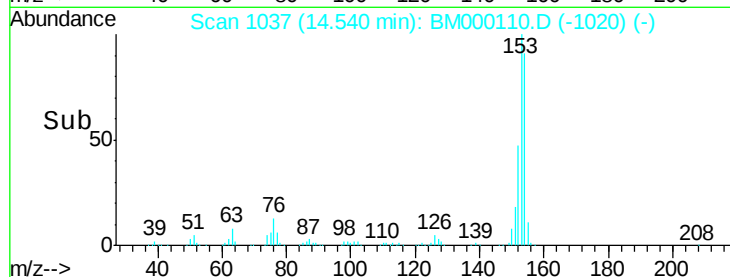
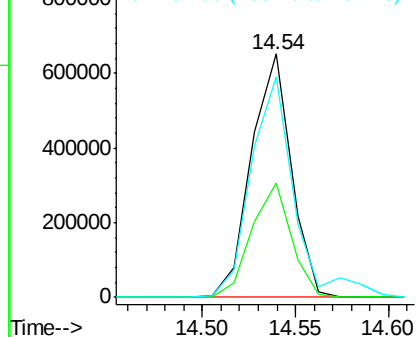
Tgt Ion:	153	Resp:	968486
Ion Ratio	Lower	Upper	
153	100		
152	46.9	37.5	56.3
154	90.6	72.2	108.4

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



#50

2,4-Dinitrophenol

Concen: 15.33 ng/ul

RT: 14.57 min Scan# 1040

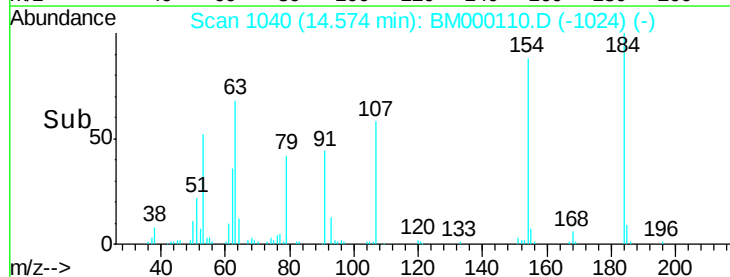
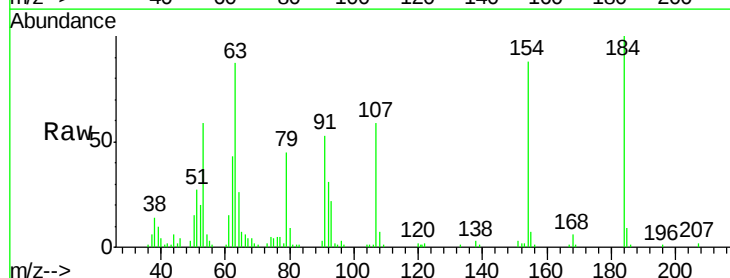
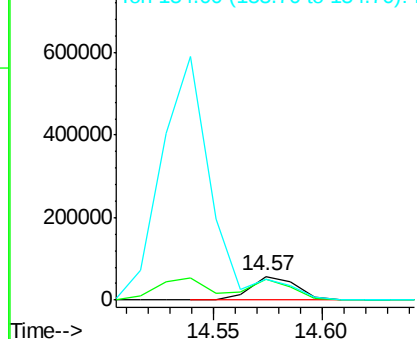
Delta R.T. -0.01 min

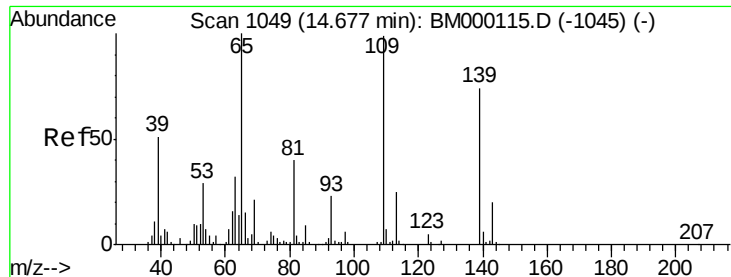
Lab File: BM000110.D

Acq: 02 Jan 2015 15:35

Tgt Ion:	184	Resp:	87609
Ion Ratio	Lower	Upper	
184	100		
63	86.5	56.1	84.1#
154	87.7	68.2	102.4

Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BM0
Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 18.30 ng/ul

RT: 14.68 min Scan# 1049

Delta R.T. -0.00 min

Lab File: BM000110.D

Acq: 02 Jan 2015 15:35

Instrument :

BNA_M

ClientSampleId :

SSTD02012

Tgt Ion:109 Resp: 248457
Ion Ratio Lower Upper

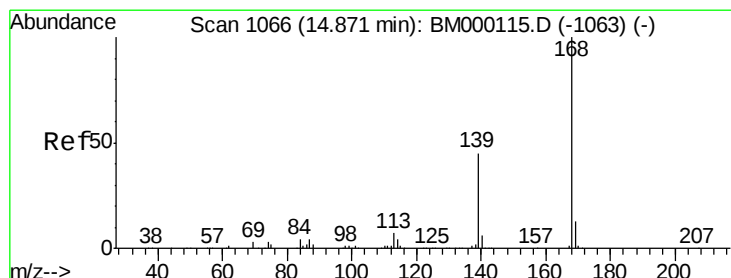
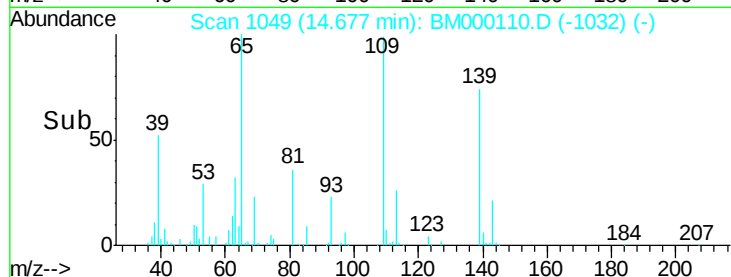
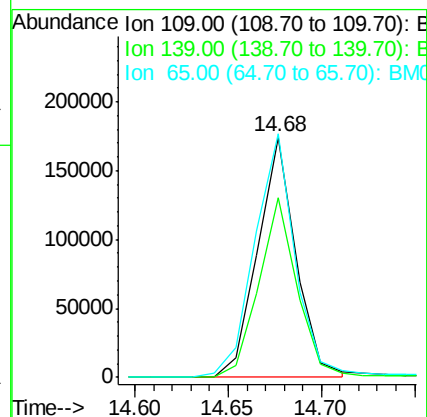
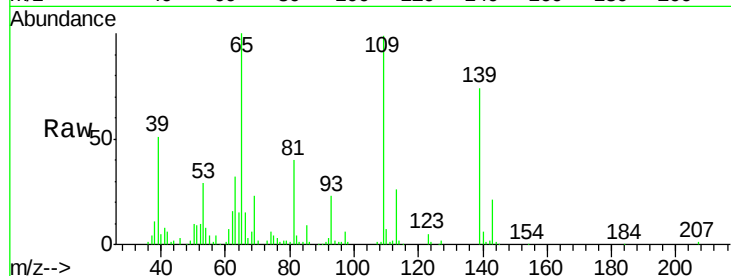
109 100

139 74.7 62.5 93.7

65 101.5 88.7 133.1

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#53

Dibenzofuran

Concen: 18.76 ng/ul

RT: 14.87 min Scan# 1066

Delta R.T. -0.01 min

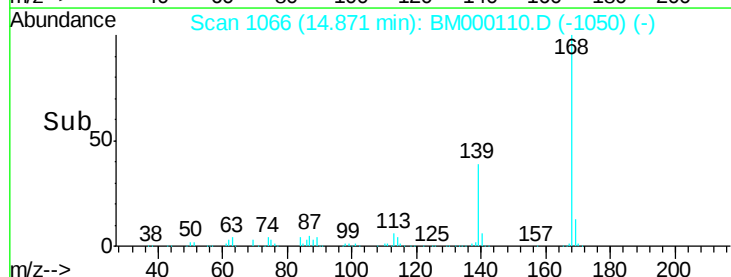
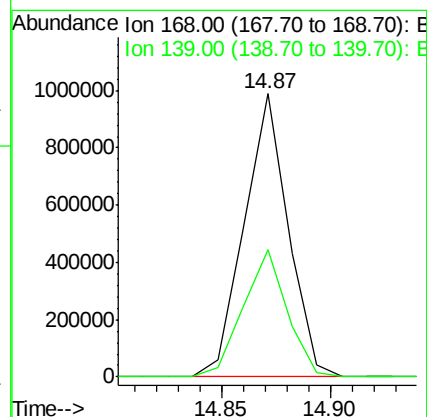
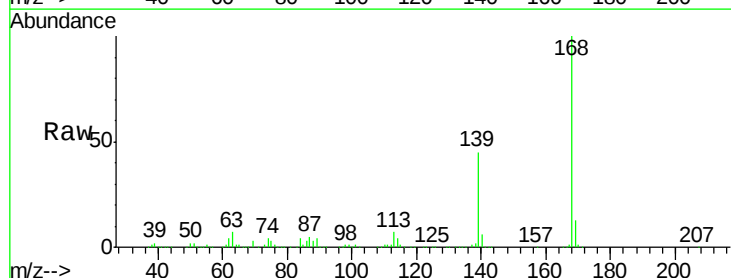
Lab File: BM000110.D

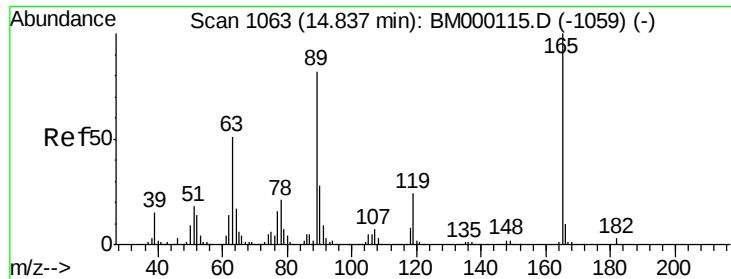
Acq: 02 Jan 2015 15:35

Tgt Ion:168 Resp: 1381884
Ion Ratio Lower Upper

168 100

139 44.8 33.6 50.4





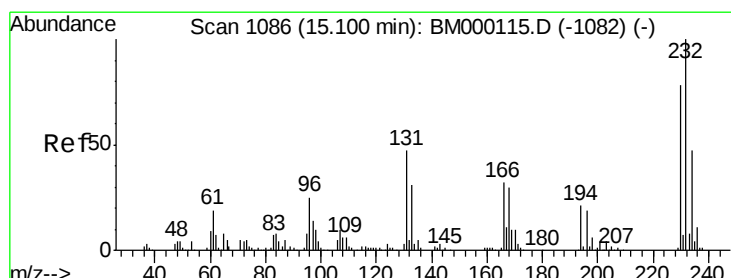
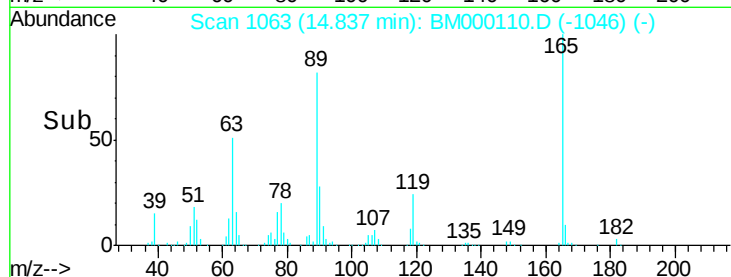
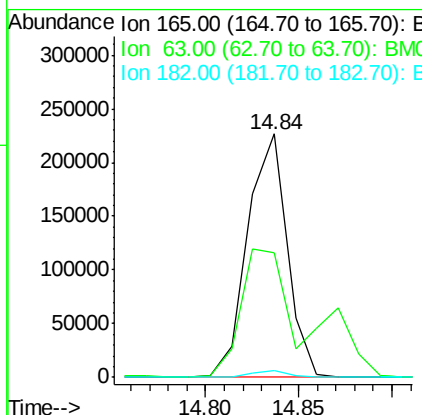
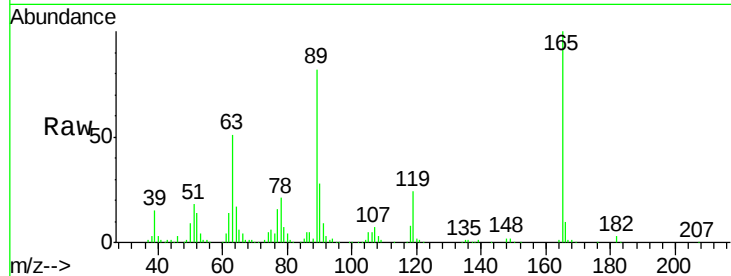
#54
 2,4-Dinitrotoluene
 Concen: 19.86 ng/ul
 RT: 14.84 min Scan# 1063
 Delta R.T. -0.00 min
 Lab File: BM000110.D
 Acq: 02 Jan 2015 15:35

Instrument :
 BNA_M
 ClientSampleId :
 SST02012

Tgt Ion	Ratio	Lower	Upper
165	100		
63	51.2	48.8	73.2
182	2.8	2.1	3.1

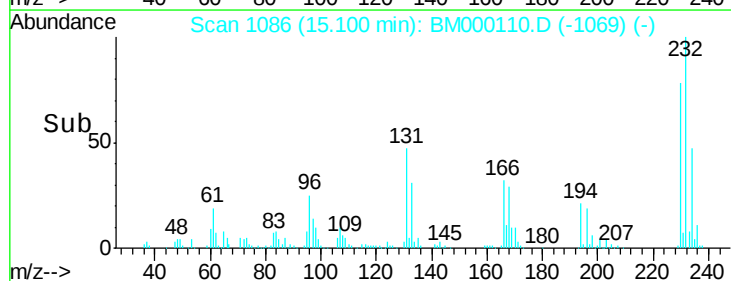
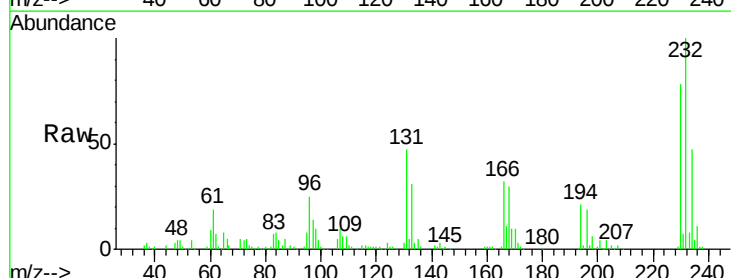
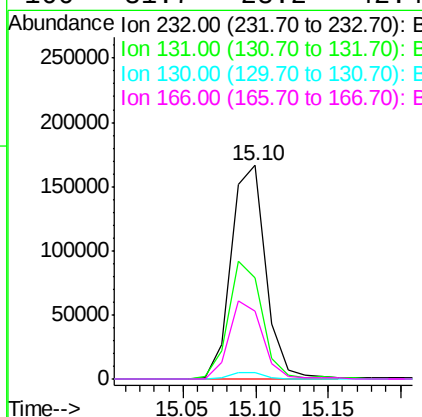
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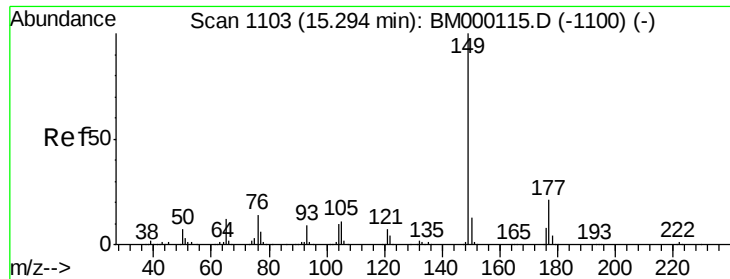
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#55
 2,3,4,6-Tetrachlorophenol
 Concen: 19.44 ng/ul
 RT: 15.10 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: BM000110.D
 Acq: 02 Jan 2015 15:35

Tgt Ion	Ratio	Lower	Upper
232	100		
131	47.3	43.4	65.0
130	2.8	2.7	4.1
166	31.7	28.2	42.4





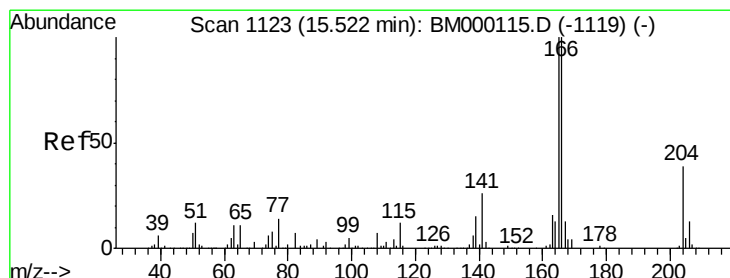
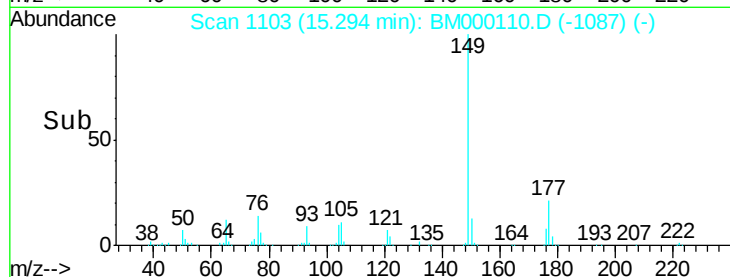
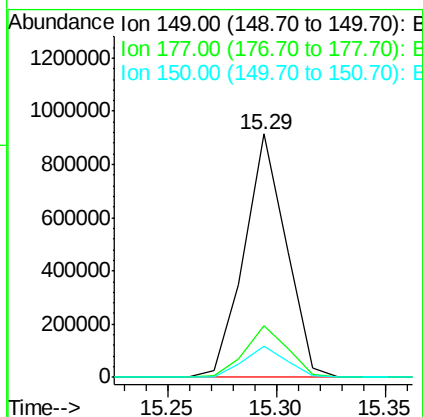
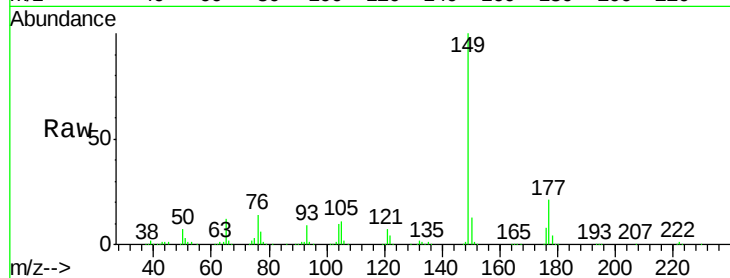
#56
Diethylphthalate
Concen: 18.55 ng/ul
RT: 15.29 min Scan# 1103
Delta R.T. -0.01 min
Lab File: BM000110.D
Acq: 02 Jan 2015 15:35

Instrument :
BNA_M
ClientSampleId :
SSTD02012

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.2	17.4	26.2
150	12.9	10.5	15.7

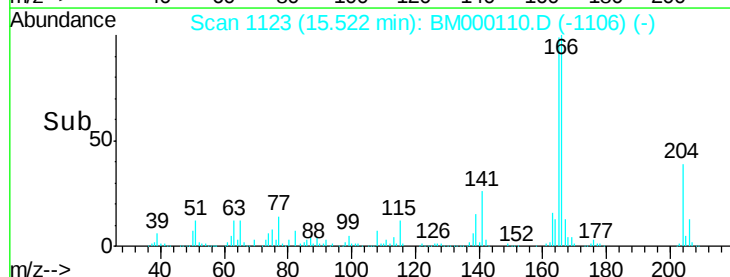
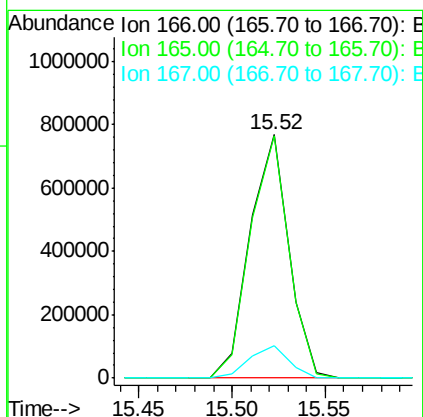
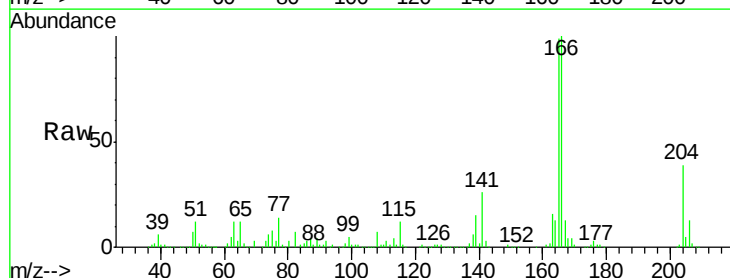
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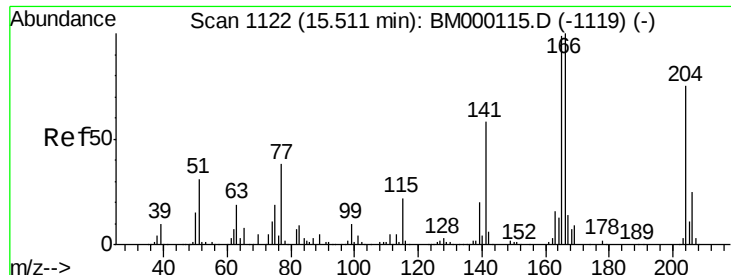
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#58
Fluorene
Concen: 18.18 ng/ul
RT: 15.52 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BM000110.D
Acq: 02 Jan 2015 15:35

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.5	76.0	114.0
167	13.4	10.2	15.4





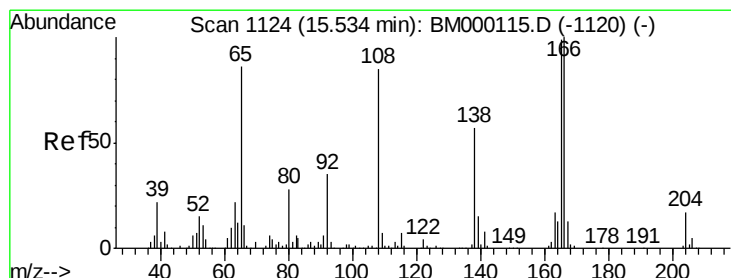
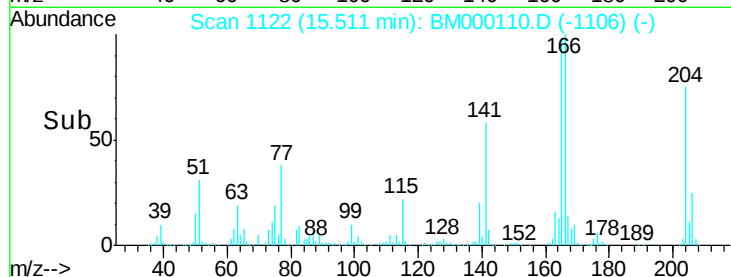
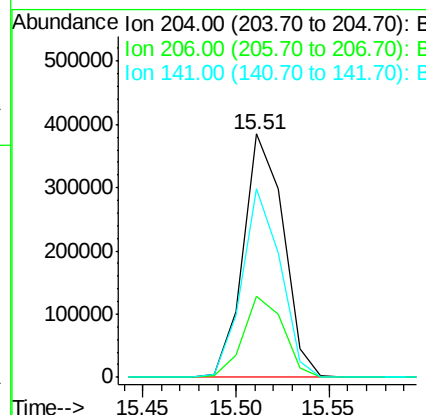
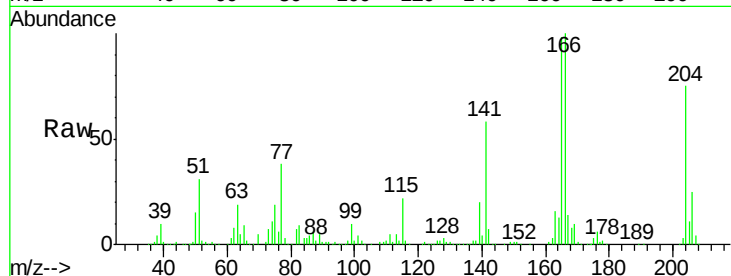
#59
 4-Chlorophenyl-phenylether
 Concen: 19.07 ng/ul
 RT: 15.51 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: BM000110.D
 Acq: 02 Jan 2015 15:35

Instrument :
 BNA_M
 ClientSampleId :
 SST02012

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	575015		
206	33.5	25.8	38.8	
141	77.6	61.3	91.9	

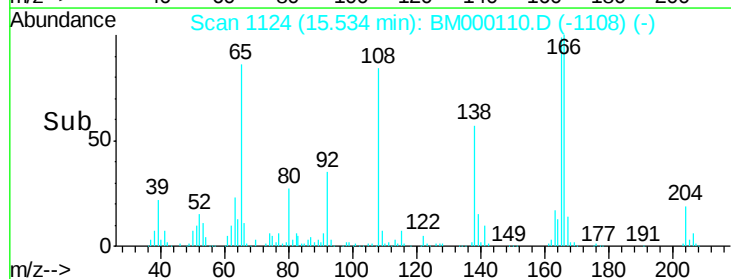
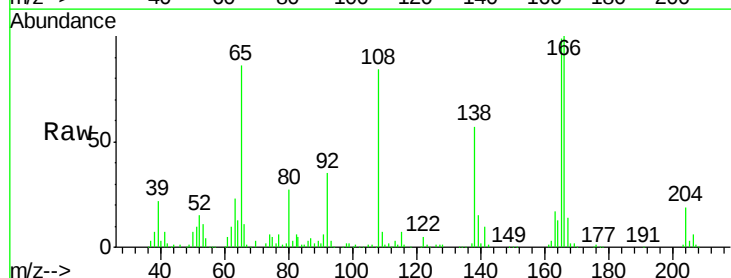
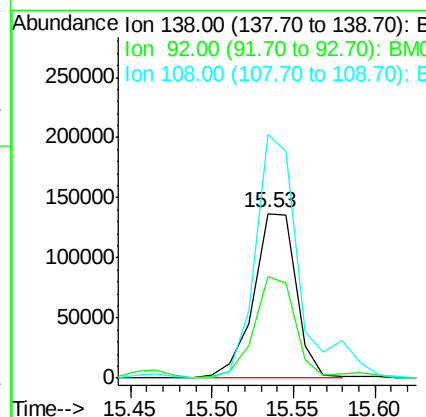
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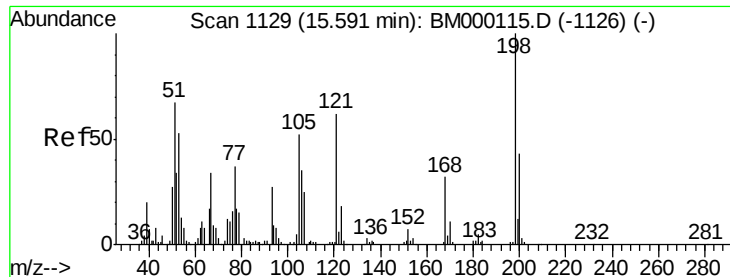
TEJASKUMAR
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#60
 4-Nitroaniline
 Concen: 19.14 ng/ul
 RT: 15.53 min Scan# 1124
 Delta R.T. -0.01 min
 Lab File: BM000110.D
 Acq: 02 Jan 2015 15:35

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	249334		
92	62.1	49.3	73.9	
108	148.1	110.3	165.5	





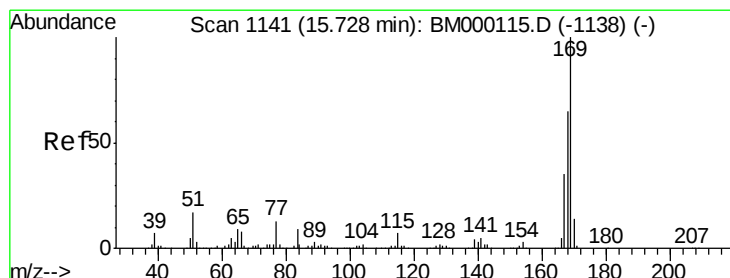
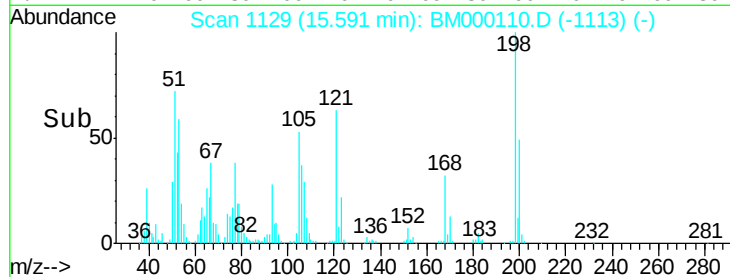
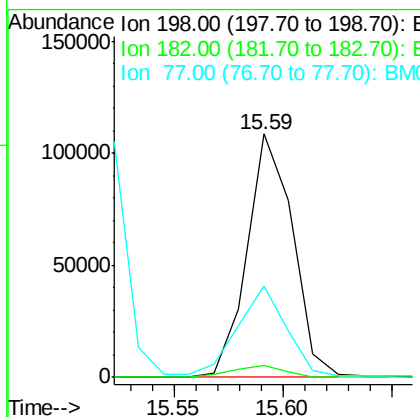
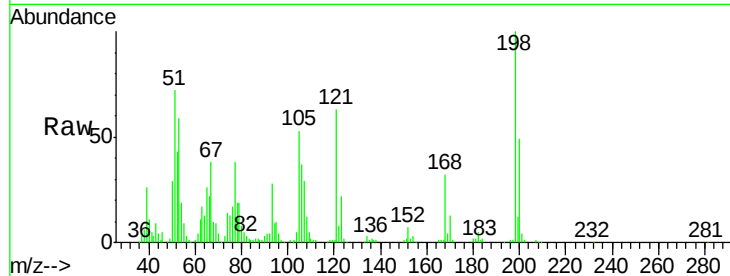
#63
 4,6-Dinitro-2-methylphenol
 Concen: 18.57 ng/ul
 RT: 15.59 min Scan# 1129
 Delta R.T. -0.01 min
 Lab File: BM000110.D
 Acq: 02 Jan 2015 15:35

Instrument :
 BNA_M
 ClientSampleId :
 SST02012

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	159202		
182	4.7	2.6	4.0#	
77	37.7	25.2	37.8	

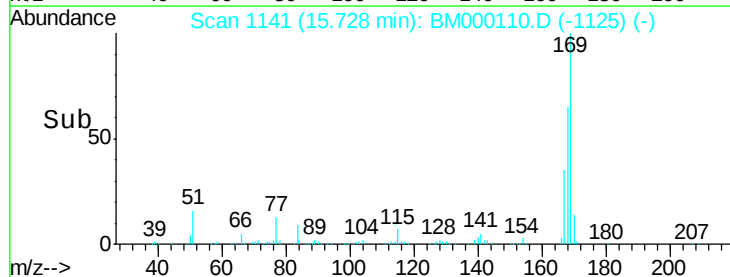
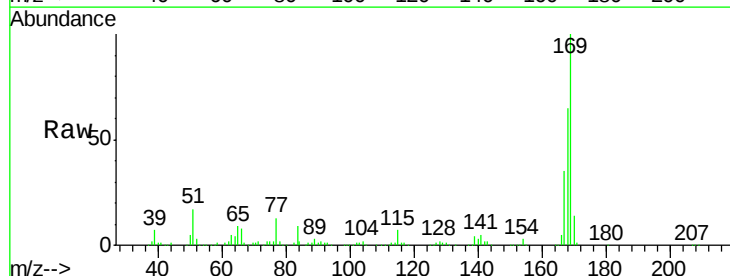
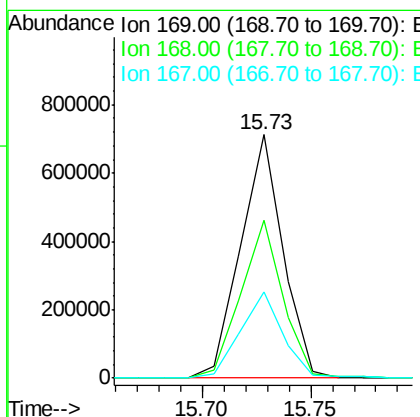
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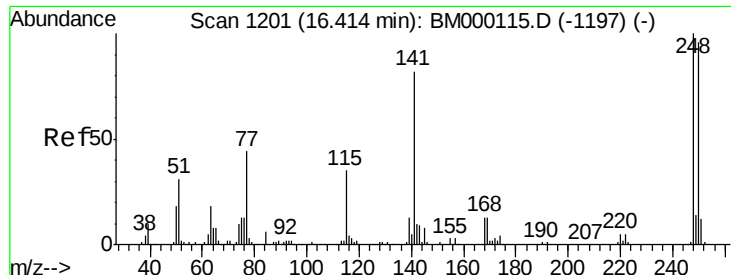
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#64
 N-Nitrosodiphenylamine
 Concen: 19.63 ng/ul
 RT: 15.73 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: BM000110.D
 Acq: 02 Jan 2015 15:35

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	962077		
168	65.0	51.8	77.6	
167	35.2	28.1	42.1	





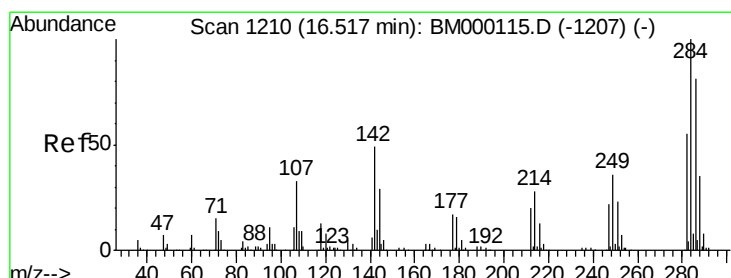
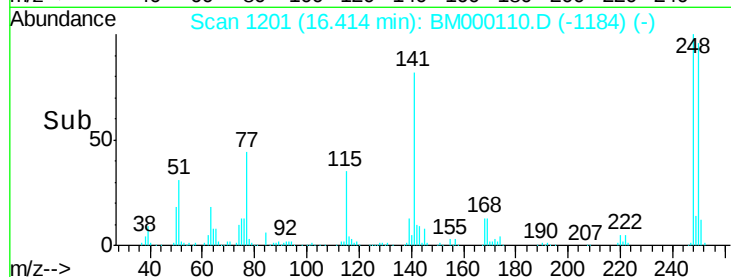
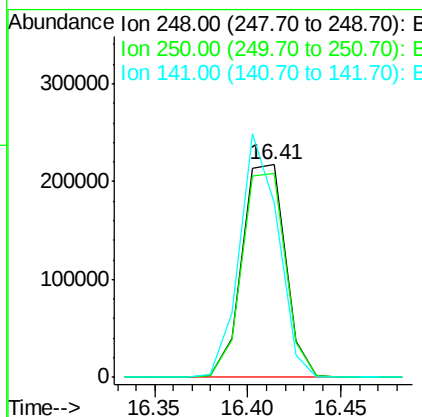
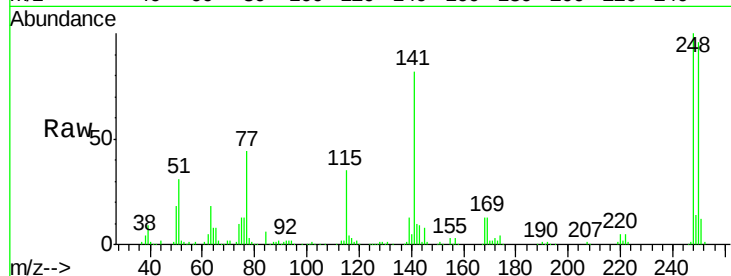
#65
4-Bromophenyl-phenylether
Concen: 20.35 ng/ul
RT: 16.41 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BM000110.D
Acq: 02 Jan 2015 15:35

Instrument :
BNA_M
ClientSampleId :
SSTD02012

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	350455		
250	95.6	78.4	117.6	
141	82.2	67.0	100.4	

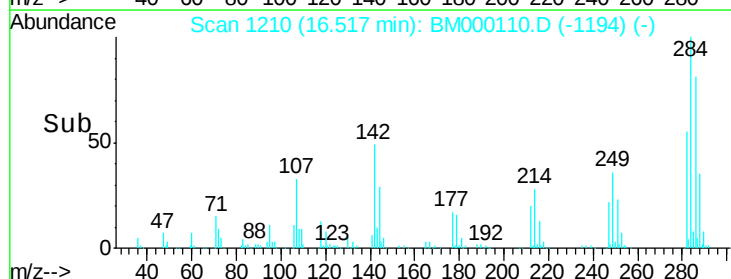
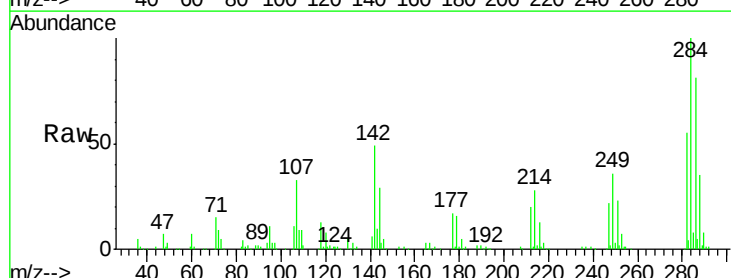
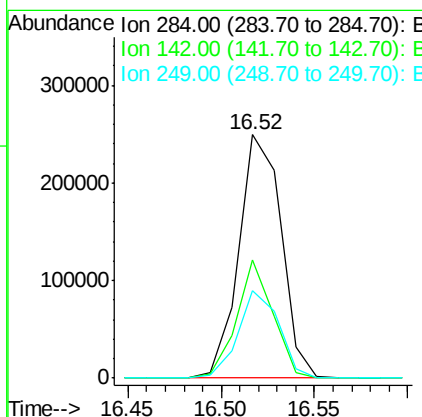
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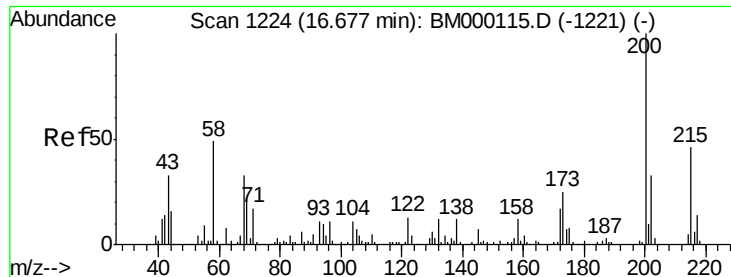
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#66
Hexachlorobenzene
Concen: 19.85 ng/ul
RT: 16.52 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BM000110.D
Acq: 02 Jan 2015 15:35

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	394032		
142	48.6	32.4	48.6	
249	35.8	26.7	40.1	





#67

Atrazine

Concen: 18.93 ng/ul

RT: 16.68 min Scan# 1224

Delta R.T. -0.01 min

Lab File: BM000110.D

Acq: 02 Jan 2015 15:35

Instrument :

BNA_M

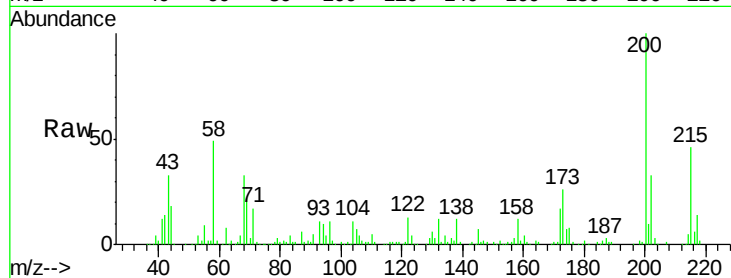
ClientSampleId :

SSTD02012

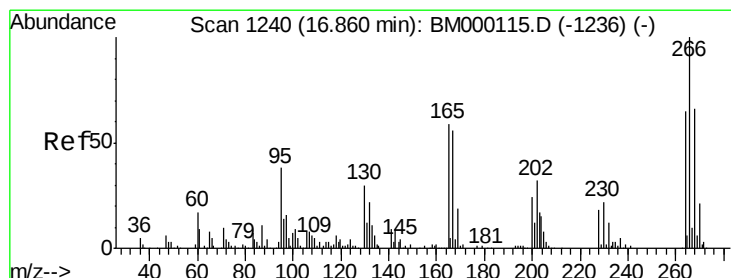
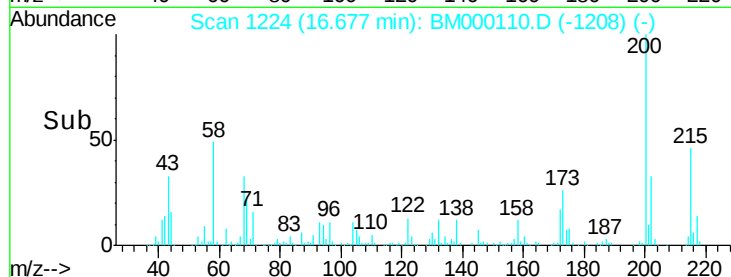
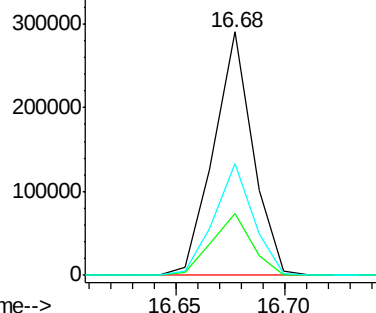
Tgt Ion:	200	Resp:	365936
Ion Ratio	Lower	Upper	
200	100		
173	25.6	19.5	29.3
215	45.7	36.6	54.8

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



#68

Pentachlorophenol

Concen: 17.87 ng/ul m

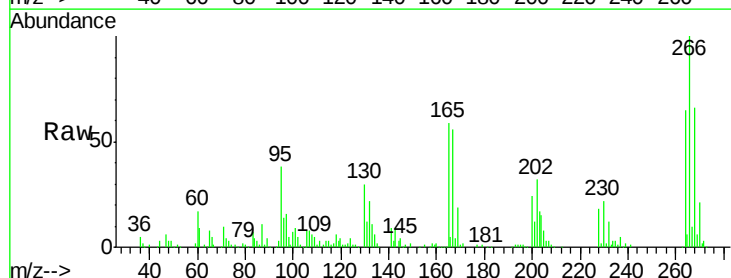
RT: 16.86 min Scan# 1240

Delta R.T. -0.01 min

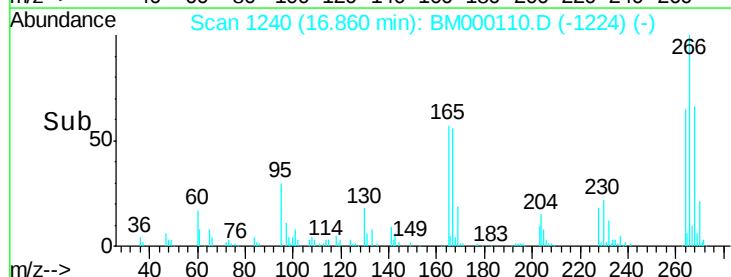
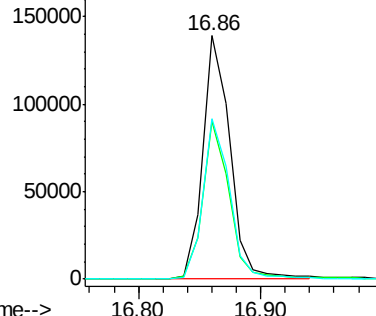
Lab File: BM000110.D

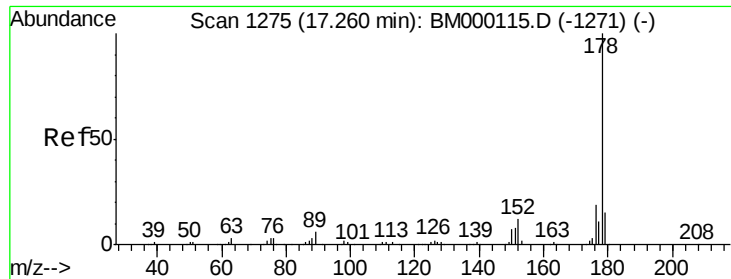
Acq: 02 Jan 2015 15:35

Tgt Ion:	266	Resp:	215811
Ion Ratio	Lower	Upper	
266	100		
264	64.8	49.8	74.6
268	66.1	48.2	72.4



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





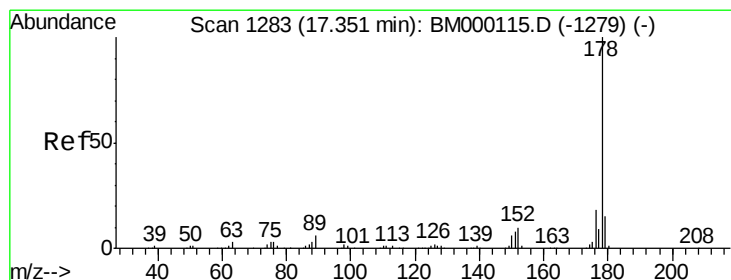
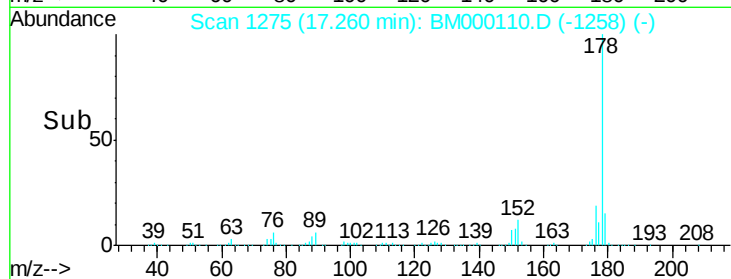
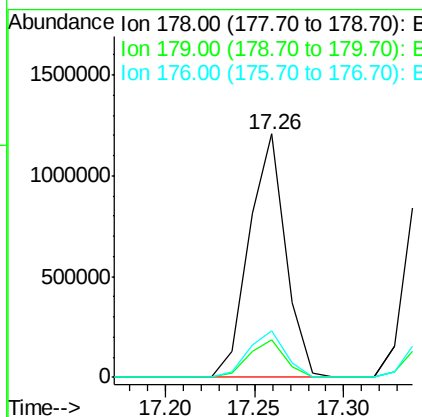
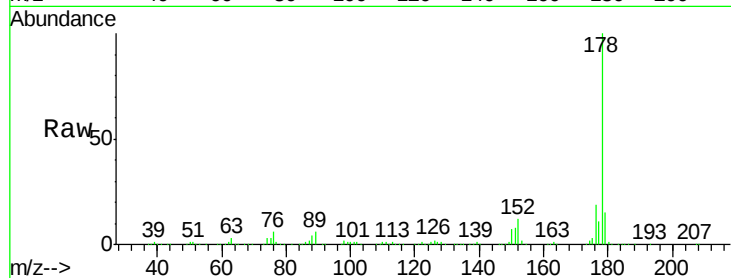
#69
Phenanthrene
Concen: 19.12 ng/ul m
RT: 17.26 min Scan# 1275
Delta R.T. -0.00 min
Lab File: BM000110.D
Acq: 02 Jan 2015 15:35

Instrument :
BNA_M
ClientSampleId :
SSTD02012

Tgt Ion:178 Resp: 1748503
Ion Ratio Lower Upper
178 100
179 15.3 11.6 17.4
176 18.9 14.6 22.0

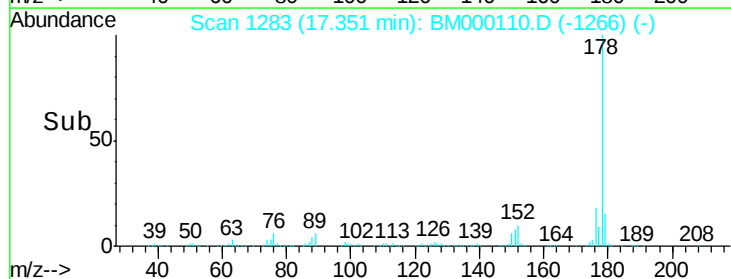
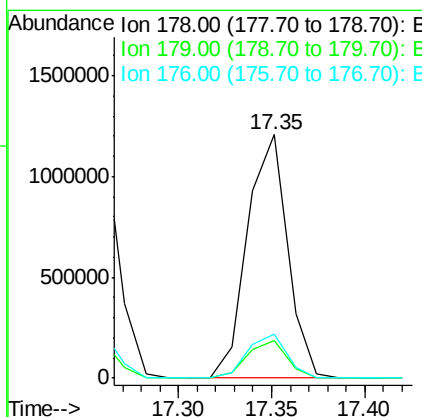
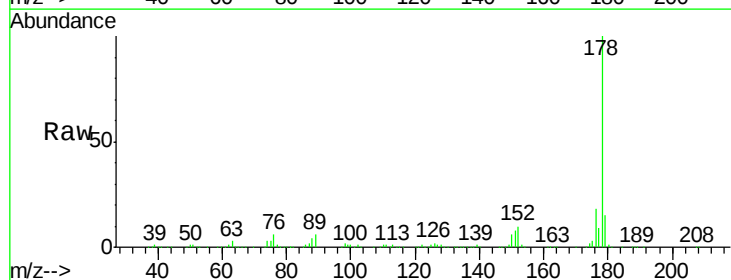
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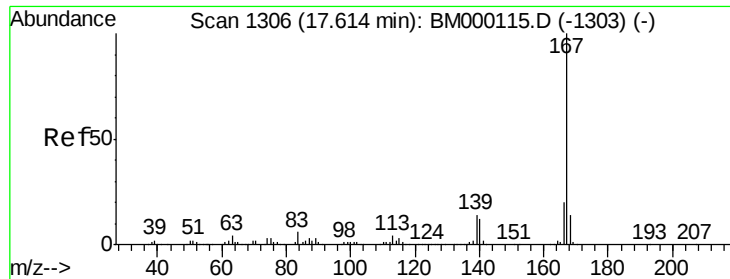
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#71
Anthracene
Concen: 19.18 ng/ul
RT: 17.35 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BM000110.D
Acq: 02 Jan 2015 15:35

Tgt Ion:178 Resp: 1803641
Ion Ratio Lower Upper
178 100
179 15.3 12.6 18.8
176 18.1 14.6 21.8





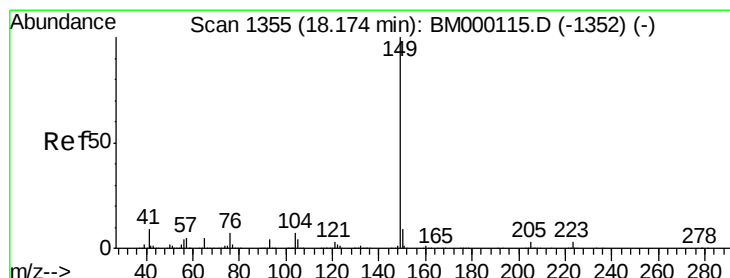
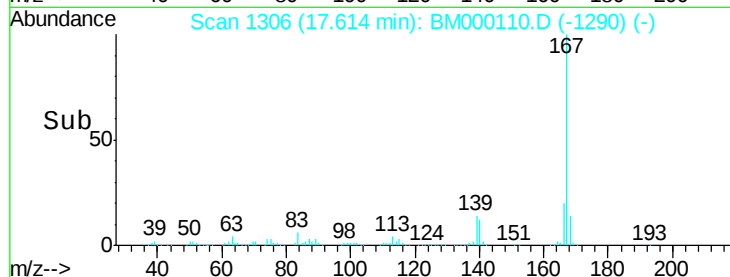
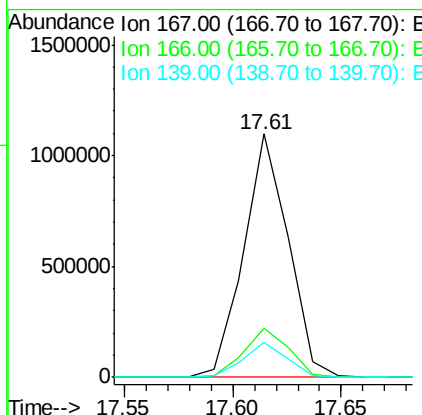
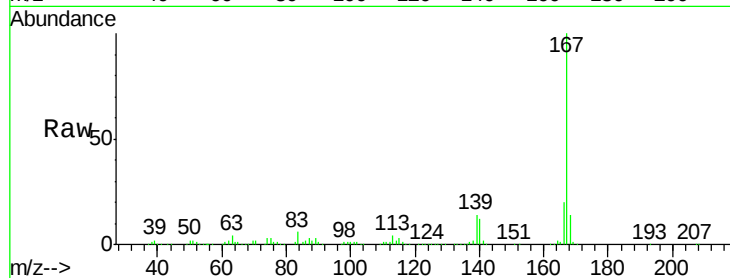
#72
 Carbazole
 Concen: 18.38 ng/ul
 RT: 17.61 min Scan# 1306
 Delta R.T. -0.01 min
 Lab File: BM000110.D
 Acq: 02 Jan 2015 15:35

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02012

Tgt Ion	Ratio	Lower	Upper
167	100		
166	20.0	16.2	24.4
139	14.3	10.7	16.1

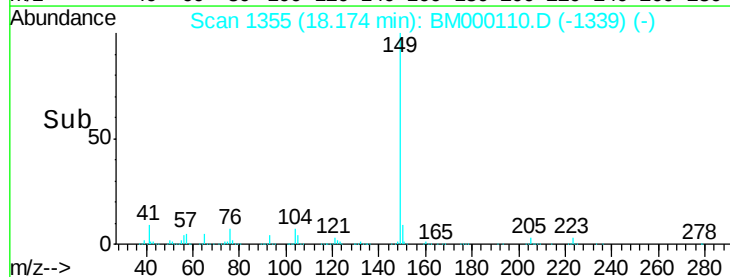
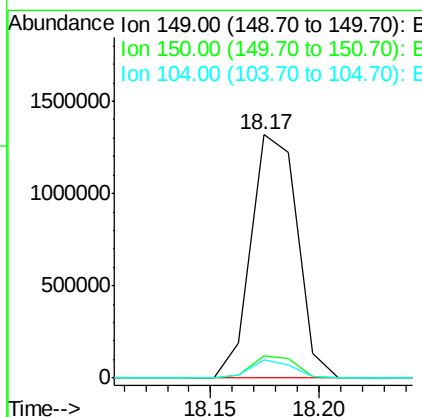
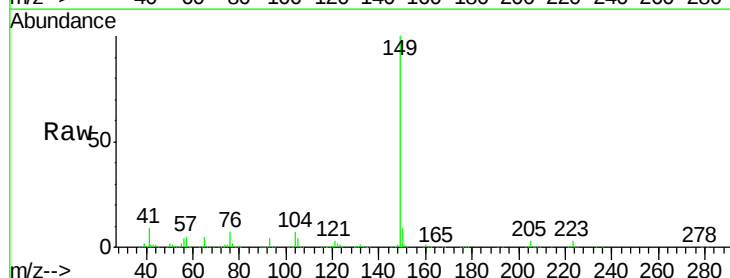
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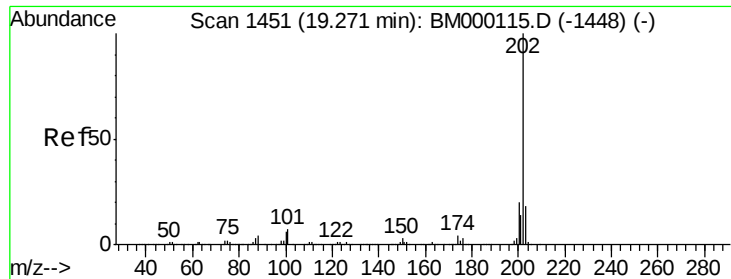
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#73
 Di-n-butylphthalate
 Concen: 19.49 ng/ul
 RT: 18.17 min Scan# 1355
 Delta R.T. -0.01 min
 Lab File: BM000110.D
 Acq: 02 Jan 2015 15:35

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.1	10.7
104	7.4	4.8	7.2#





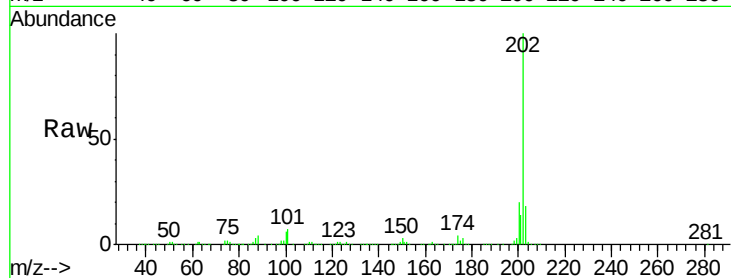
#74
Fluoranthene
Concen: 18.29 ng/ul
RT: 19.27 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BM000110.D
Acq: 02 Jan 2015 15:35

Instrument :
BNA_M
ClientSampleId :
SSTD02012

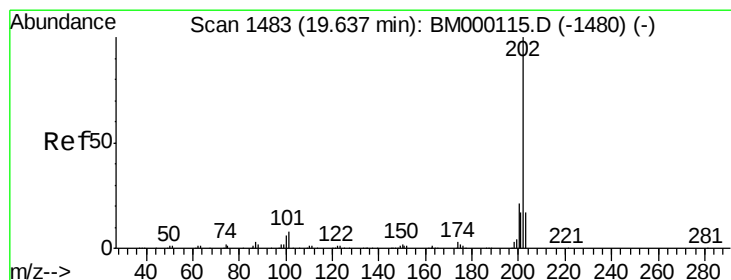
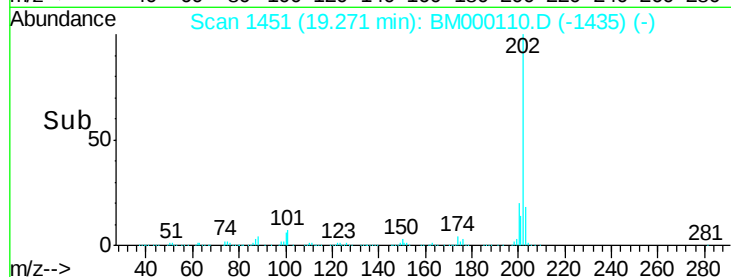
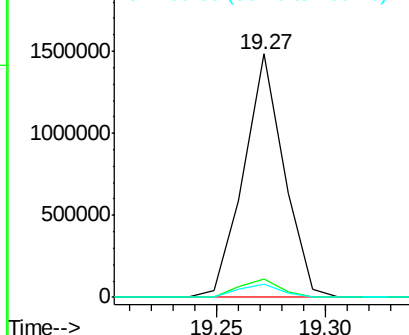
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1917506		
101	7.3	6.4	9.6	
100	5.6	4.6	7.0	

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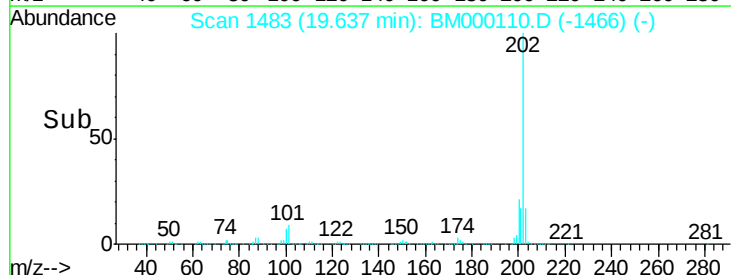
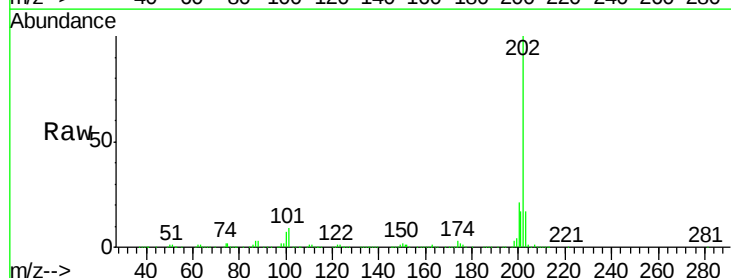
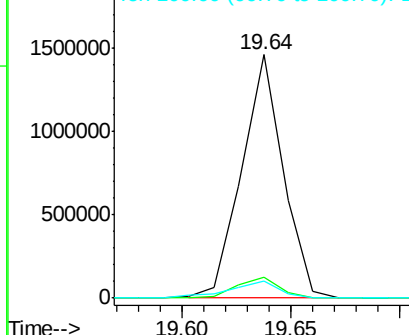
Abundance Ion 202.00 (201.70 to 202.70): E
2000000
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

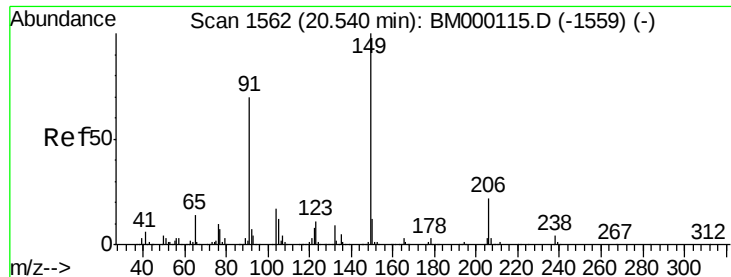


#77
Pyrene
Concen: 22.77 ng/ul
RT: 19.64 min Scan# 1483
Delta R.T. -0.00 min
Lab File: BM000110.D
Acq: 02 Jan 2015 15:35

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1923737		
101	8.8	6.9	10.3	
100	7.2	5.5	8.3	

Abundance Ion 202.00 (201.70 to 202.70): E
2000000
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B





#78

Butylbenzylphthalate

Concen: 22.41 ng/ul

RT: 20.54 min Scan# 1562

Delta R.T. -0.00 min

Lab File: BM000110.D

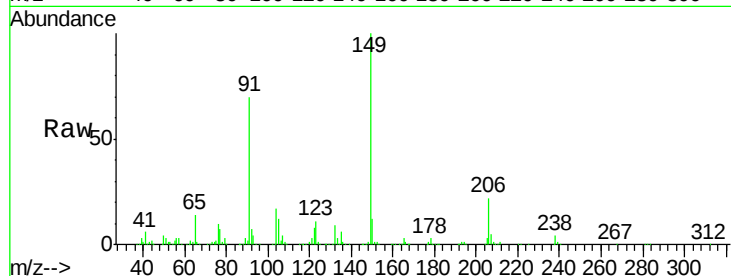
Acq: 02 Jan 2015 15:35

Instrument :

BNA_M

ClientSampleId :

SSTD02012



Tgt Ion:149 Resp: 769551

Ion Ratio Lower Upper

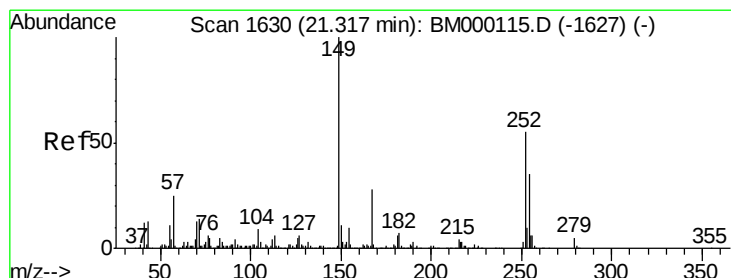
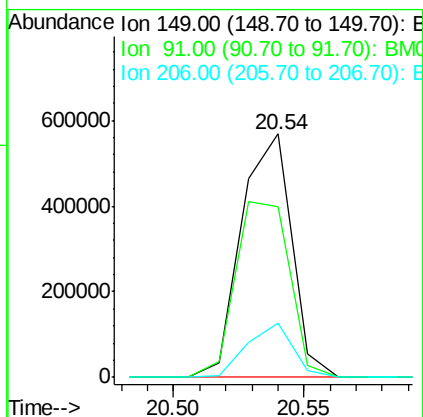
149 100

91 70.0 56.6 84.8

206 22.4 16.8 25.2

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#79

3,3'-Dichlorobenzidine

Concen: 19.92 ng/ul

RT: 21.32 min Scan# 1630

Delta R.T. -0.01 min

Lab File: BM000110.D

Acq: 02 Jan 2015 15:35

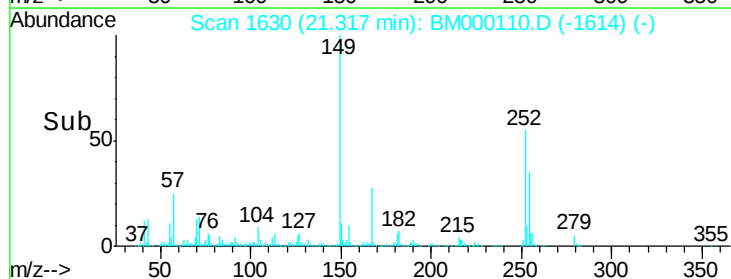
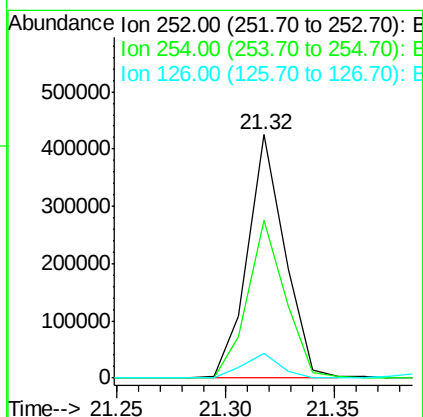
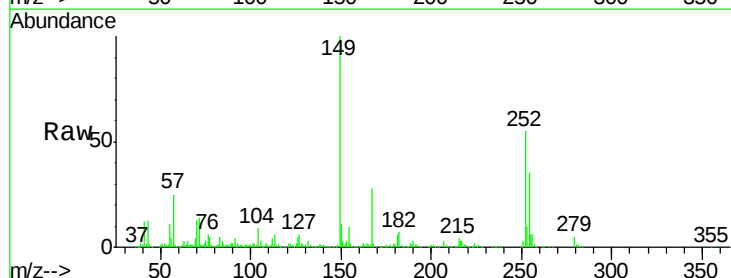
Tgt Ion:252 Resp: 510619

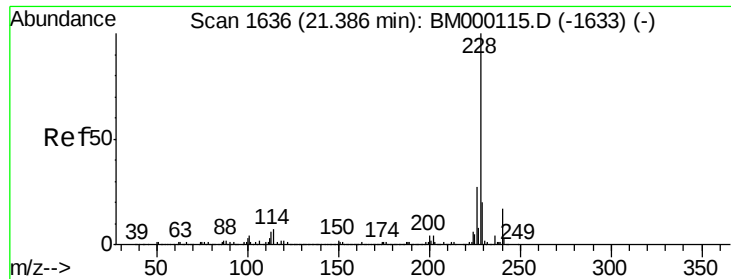
Ion Ratio Lower Upper

252 100

254 64.8 51.2 76.8

126 10.0 7.9 11.9





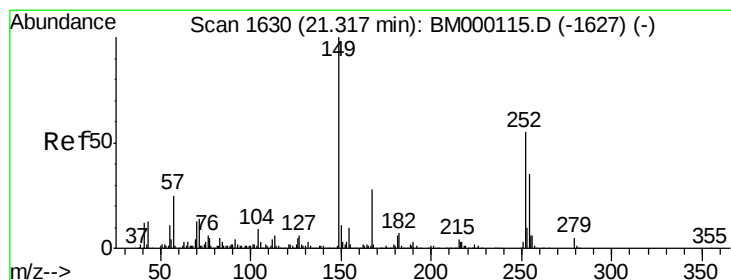
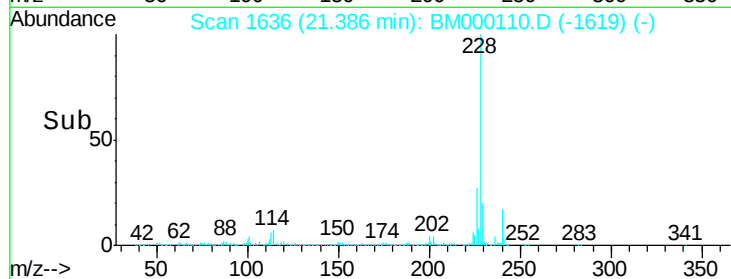
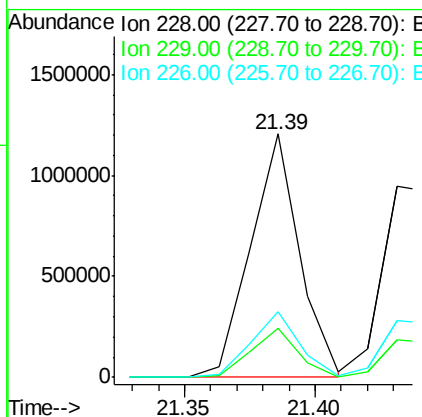
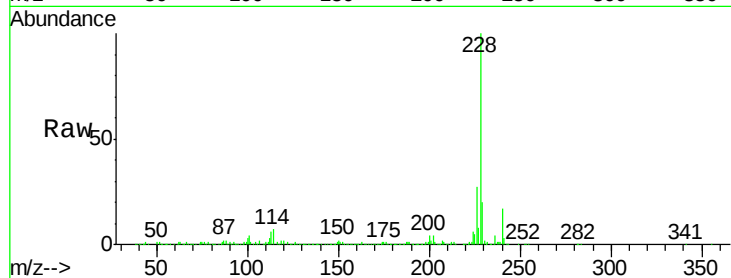
#80
Benzo(a)anthracene
Concen: 19.39 ng/ul
RT: 21.39 min Scan# 1636
Delta R.T. -0.00 min
Lab File: BM000110.D
Acq: 02 Jan 2015 15:35

Instrument :
BNA_M
ClientSampleId :
SSTD02012

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.2	15.8	23.8
226	26.8	20.7	31.1

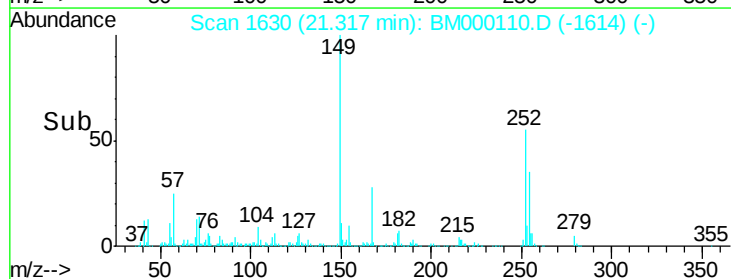
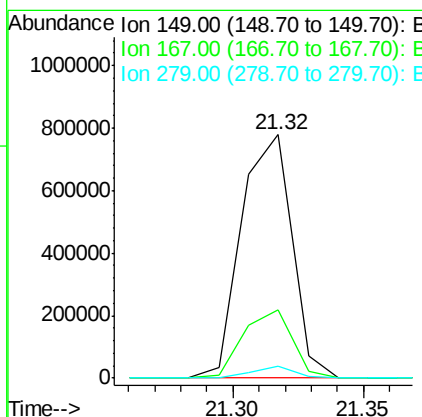
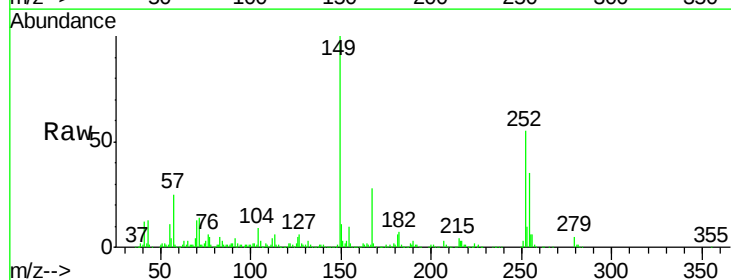
Manual Integrations
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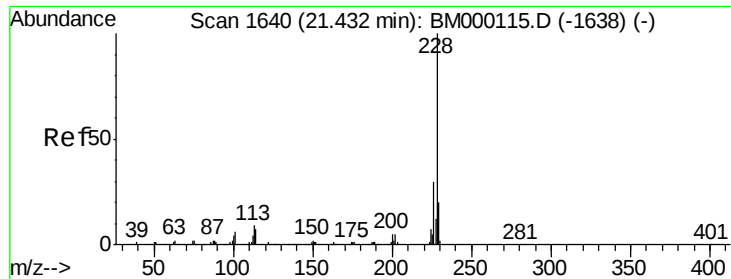
TEJASKUMAR
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#81
Bis(2-ethylhexyl)phthalate
Concen: 21.09 ng/ul
RT: 21.32 min Scan# 1630
Delta R.T. -0.01 min
Lab File: BM000110.D
Acq: 02 Jan 2015 15:35

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.2	22.1	33.1
279	4.9	3.0	4.6#





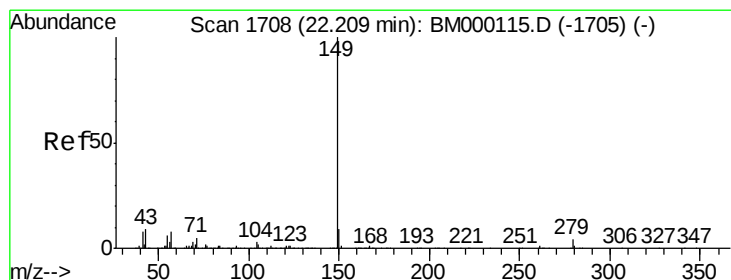
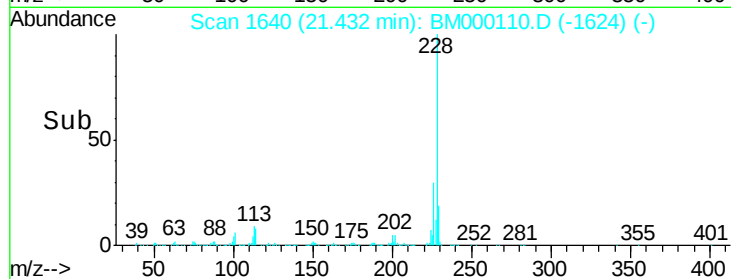
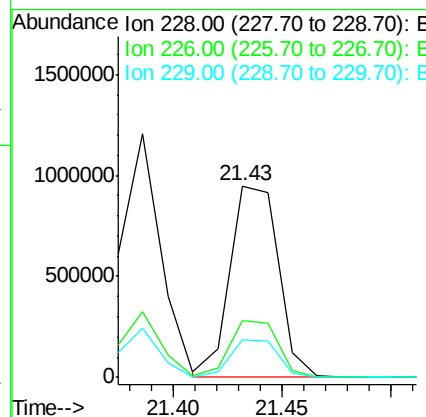
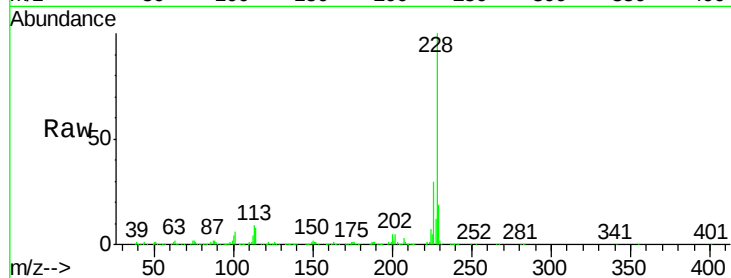
#82
Chrysene
Concen: 19.54 ng/ul
RT: 21.43 min Scan# 1640
Delta R.T. -0.01 min
Lab File: BM000110.D
Acq: 02 Jan 2015 15:35

Instrument :
BNA_M
ClientSampleId :
SSTD02012

Tgt Ion:228 Resp: 1457514
Ion Ratio Lower Upper
228 100
226 29.7 23.0 34.4
229 19.5 15.6 23.4

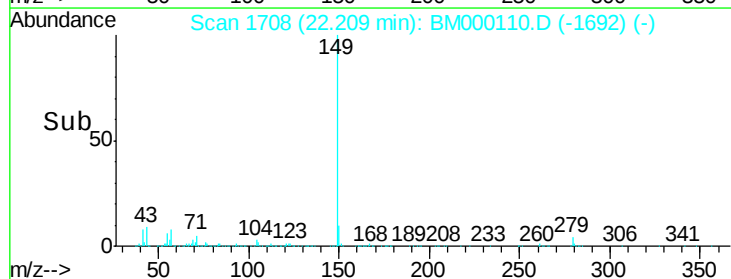
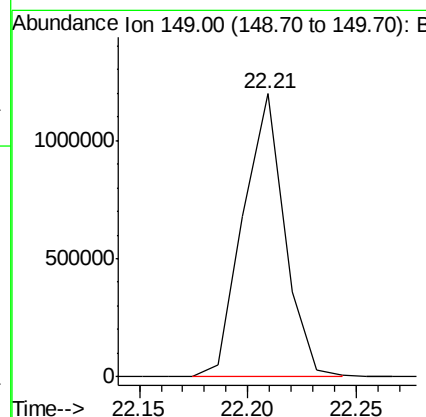
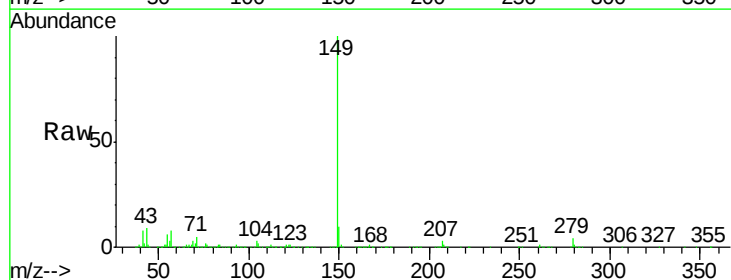
Manual Integrations
APPROVED

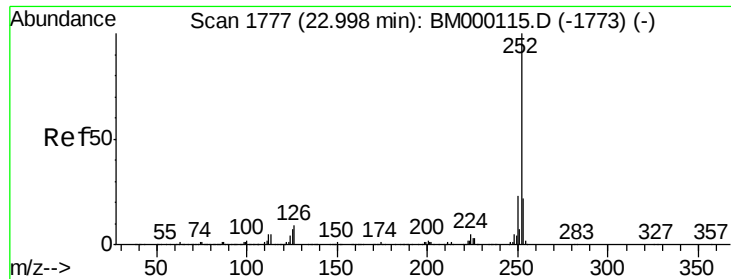
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#84
Di-n-octyl phthalate
Concen: 20.13 ng/ul
RT: 22.21 min Scan# 1708
Delta R.T. -0.01 min
Lab File: BM000110.D
Acq: 02 Jan 2015 15:35

Tgt Ion:149 Resp: 1582833





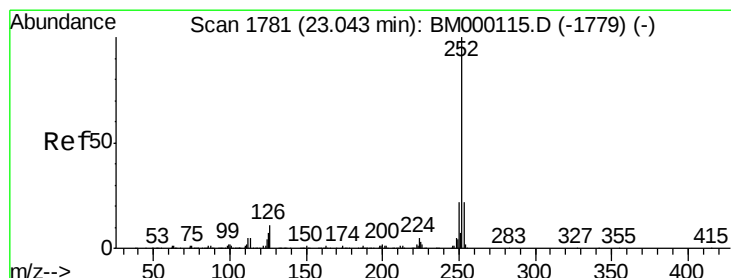
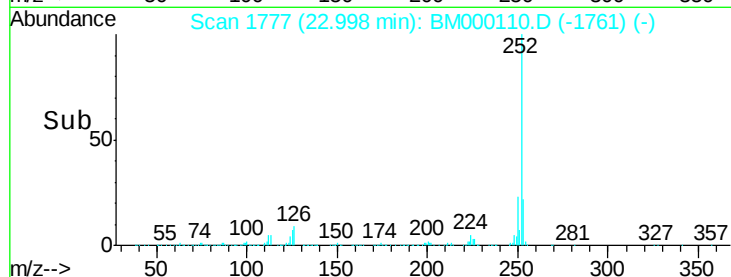
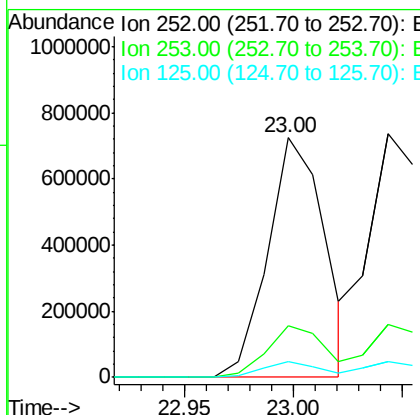
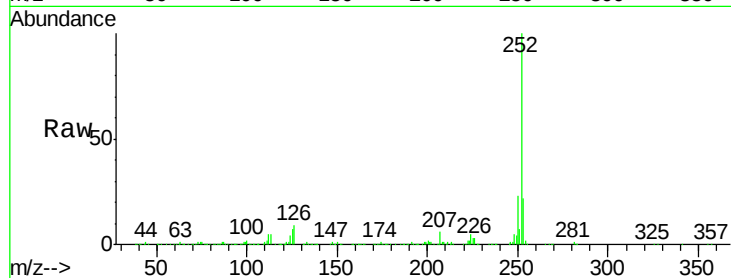
#85
Benzo(b)fluoranthene
Concen: 18.10 ng/ul
RT: 23.00 min Scan# 1777
Delta R.T. -0.01 min
Lab File: BM000110.D
Acq: 02 Jan 2015 15:35

Instrument :
BNA_M
ClientSampleId :
SSTD02012

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.1	25.7
125	6.8	4.8	7.2

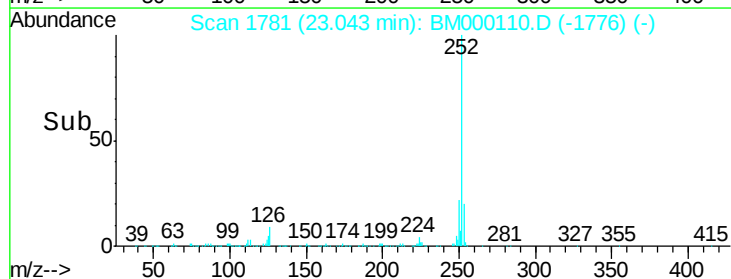
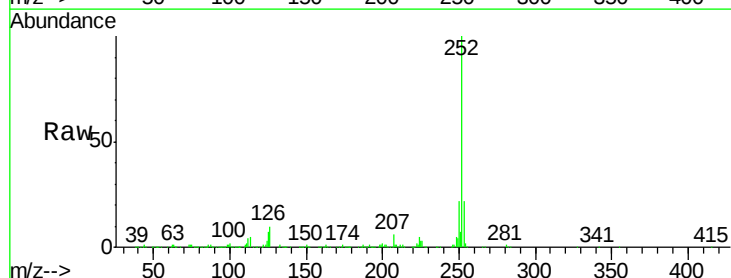
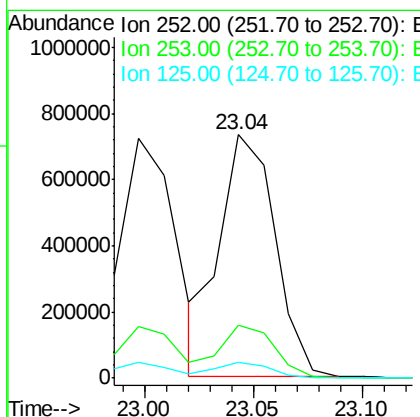
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APPROVED

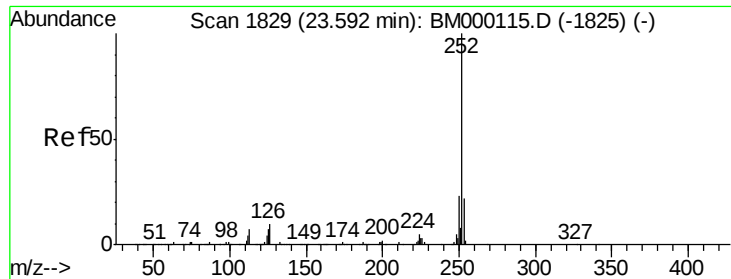
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#86
Benzo(k)fluoranthene
Concen: 20.72 ng/ul
RT: 23.04 min Scan# 1781
Delta R.T. -0.01 min
Lab File: BM000110.D
Acq: 02 Jan 2015 15:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.2	25.8
125	6.7	4.9	7.3





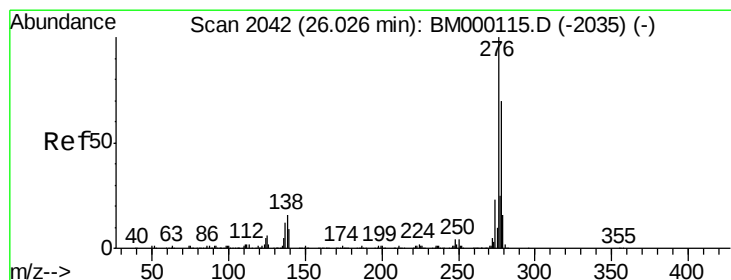
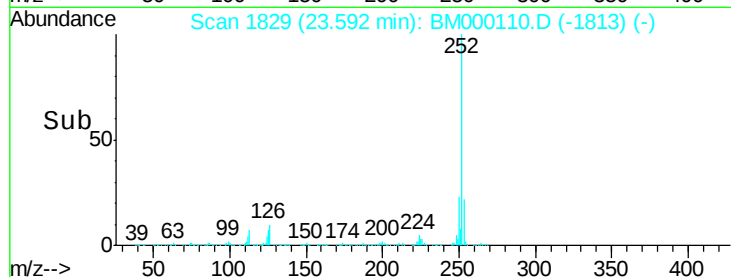
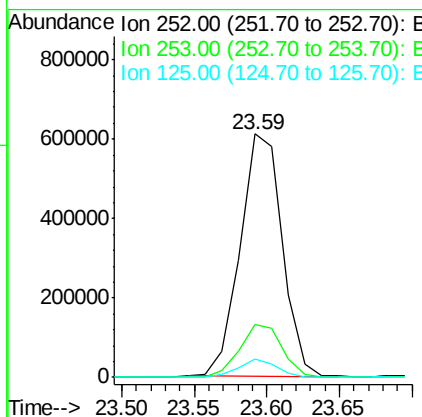
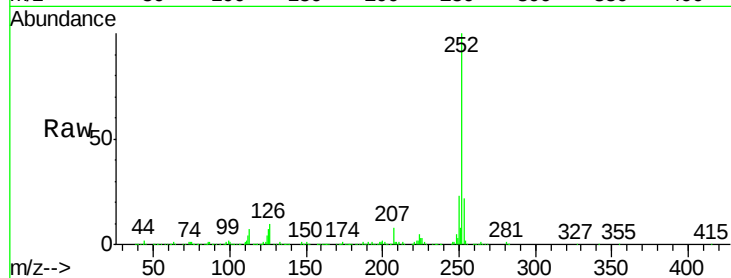
#88
Benzo(a)pyrene
Concen: 19.18 ng/ul
RT: 23.59 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BM000110.D
Acq: 02 Jan 2015 15:35

Instrument :
BNA_M
ClientSampleId :
SSTD02012

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.0	25.6
125	7.5	5.8	8.6

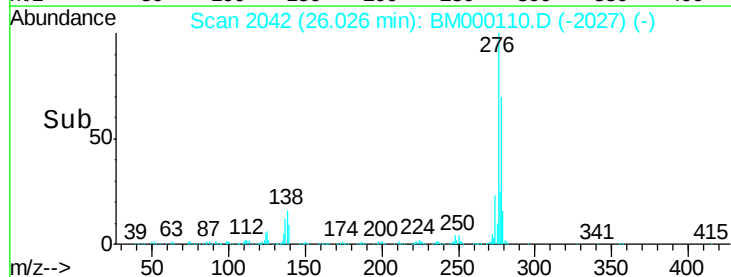
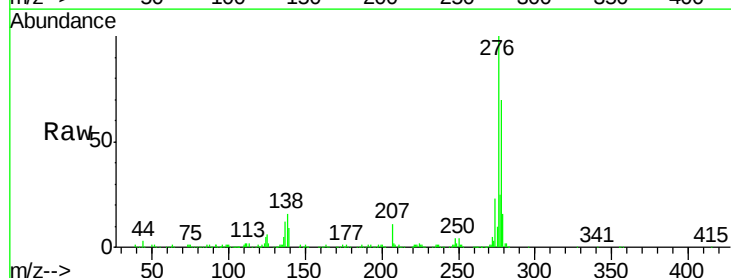
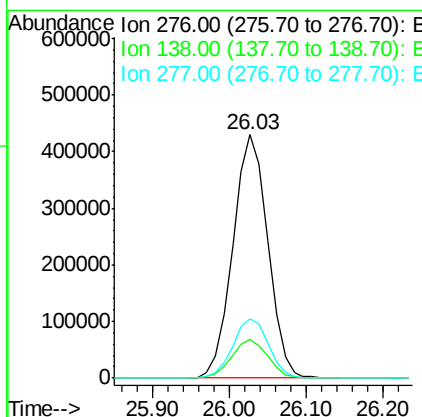
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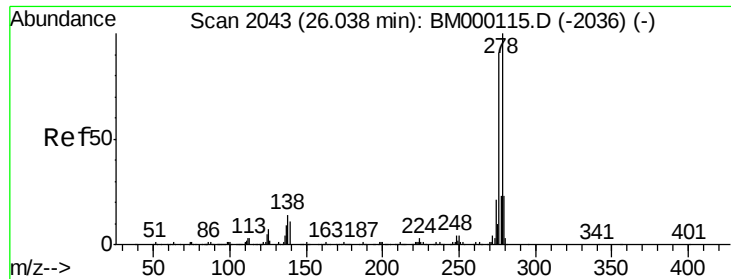
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#89
Indeno(1,2,3-cd)pyrene
Concen: 20.37 ng/ul
RT: 26.03 min Scan# 2042
Delta R.T. -0.02 min
Lab File: BM000110.D
Acq: 02 Jan 2015 15:35

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.7	14.2	21.2
277	24.6	18.8	28.2





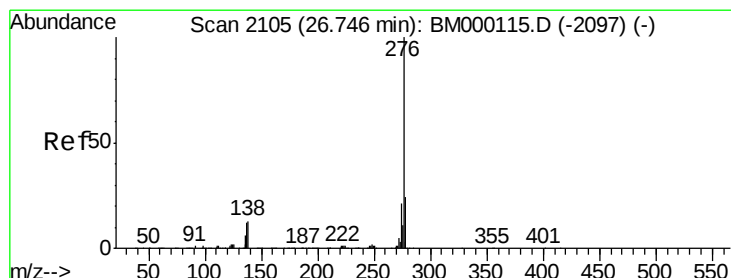
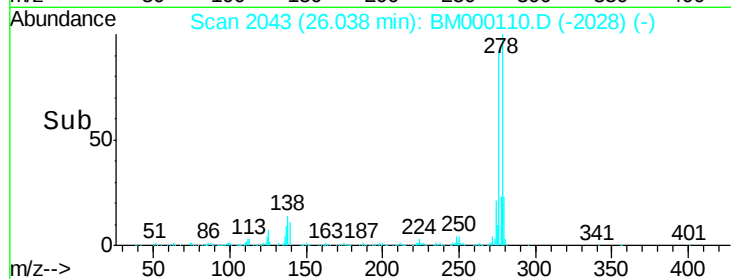
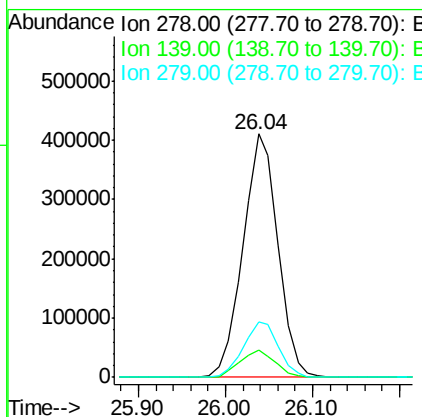
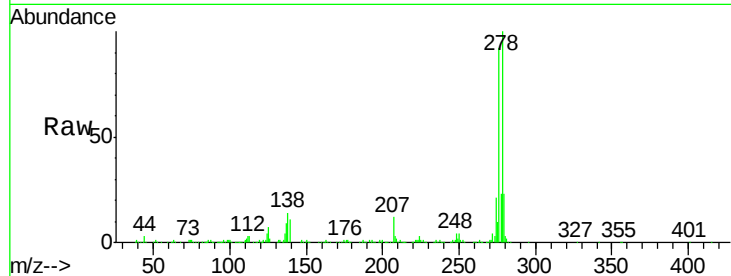
#90
Dibenzo(a,h)anthracene
Concen: 20.41 ng/ul
RT: 26.04 min Scan# 2043
Delta R.T. -0.02 min
Lab File: BM000110.D
Acq: 02 Jan 2015 15:35

Instrument :
BNA_M
ClientSampleId :
SSTD02012

Tgt Ion	Ratio	Lower	Upper
278	100		
139	11.1	10.2	15.2
279	22.9	19.2	28.8

Manual Integrations
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1/6/2015 1:38:33 PM



#91
Benzo(g,h,i)perylene
Concen: 21.00 ng/ul
RT: 26.75 min Scan# 2105
Delta R.T. -0.01 min
Lab File: BM000110.D
Acq: 02 Jan 2015 15:35

Tgt Ion	Ratio	Lower	Upper
276	100		
138	13.4	12.1	18.1
277	23.6	19.0	28.4

