

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041516\
 Data File : BF086261.D
 Acq On : 16 Apr 2016 13:02
 Operator : UM/SJ
 Sample : H2471-05MS
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CDMSH4MS

Manual Integrations
 APPROVED

Sohil
 4/18/2016 7:33:29 PM

Quant Time: Apr 18 05:26:41 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 15 15:56:31 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	279712	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	1122132	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	501455	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	881879	20.00	ng	0.00
75) Chrysene-d12	14.05	240	468520	20.00	ng	0.00
86) Perylene-d12	15.48	264	471216	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1882700	110.28	ng	0.01
7) Phenol-d6	6.52	99	2354355	110.26	ng	0.00
23) Nitrobenzene-d5	7.46	82	1553534	79.85	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	463791	115.18	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	2241934	82.50	ng	0.00
78) Terphenyl-d14	13.00	244	1502576	80.64	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.57	88	314041	33.36	ng	98
3) Pyridine	3.31	79	874036	35.60	ng	96
4) n-Nitrosodimethylamine	3.25	42	380484	42.90	ng	# 68
6) Aniline	6.56	93	683481	22.21	ng	98
8) 2-Chlorophenol	6.68	128	769405	39.84	ng	82
9) Benzaldehyde	6.44	77	260582	17.20	ng	93
10) Phenol	6.53	94	815794	32.08	ng	88
11) bis(2-Chloroethyl)ether	6.64	93	821263	42.93	ng	95
12) 1,3-Dichlorobenzene	6.83	146	776912	37.91	ng	99
13) 1,4-Dichlorobenzene	6.91	146	765440	39.21	ng	99
14) 1,2-Dichlorobenzene	7.07	146	727182	41.97	ng	99
15) Benzyl Alcohol	7.04	79	659271	43.52	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	1195635	40.11	ng	100
17) 2-Methylphenol	7.15	107	702946	43.68	ng	96
18) Hexachloroethane	7.41	117	301851	40.99	ng	99
19) n-Nitroso-di-n-propylamine	7.31	70	499748	36.57	ng	# 83
20) 3+4-Methylphenols	7.30	107	673845	37.38	ng	91
22) Acetophenone	7.31	105	962632	46.25	ng	# 99
24) Nitrobenzene	7.48	77	926365	43.55	ng	94
25) Isophorone	7.72	82	1621612	42.00	ng	99
26) 2-Nitrophenol	7.79	139	406709	43.85	ng	94
27) 2,4-Dimethylphenol	7.84	122	781084	41.70	ng	99
28) bis(2-Chloroethoxy)methane	7.93	93	987181	43.49	ng	99
29) 2,4-Dichlorophenol	8.03	162	616331	43.28	ng	97
30) 1,2,4-Trichlorobenzene	8.12	180	611716	41.05	ng	99
31) Naphthalene	8.20	128	2057422	41.06	ng	100
32) Benzoic acid	7.89	122	68246	5.70	ng	99
33) 4-Chloroaniline	8.25	127	312637	13.96	ng	95
34) Hexachlorobutadiene	8.33	225	311759	41.76	ng	99
35) Caprolactam	8.61	113	234152m	45.42	ng	
36) 4-Chloro-3-methylphenol	8.73	107	727131	44.06	ng	93
37) 2-Methylnaphthalene	8.90	142	1431498	44.18	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	453382	42.33	ng	97
40) Hexachlorocyclopentadiene	9.05	237	457730	77.44	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	418654	42.38	nq	99
43) 2,4,5-Trichlorophenol	9.21	196	403331	42.27	nq	# 86
45) 1,1'-Biphenyl	9.36	154	1456932	40.36	nq	100
46) 2-Chloronaphthalene	9.38	162	1198589	40.67	nq	99
47) 2-Nitroaniline	9.47	65	409094	42.85	nq	97
48) Acenaphthylene	9.80	152	2077800	44.31	nq	100
49) Dimethylphthalate	9.66	163	1818815	49.88	nq	100
50) 2,6-Dinitrotoluene	9.72	165	371205	46.01	nq	97
51) Acenaphthene	9.97	154	1291809	46.11	nq	100
52) 3-Nitroaniline	9.88	138	243162	24.80	nq	98
53) 2,4-Dinitrophenol	9.98	184	211200	71.21	nq	91
54) Dibenzofuran	10.14	168	1767020	47.76	nq	96
55) 4-Nitrophenol	10.04	139	547875	71.44	nq	92
56) 2,4-Dinitrotoluene	10.12	165	489146	47.36	nq	# 85
57) Fluorene	10.49	166	1176826	46.69	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.26	232	320832	46.29	nq	98
59) Diethylphthalate	10.36	149	1491489	39.63	nq	99
60) 4-Chlorophenyl-phenylether	10.48	204	478593	45.55	nq	98
61) 4-Nitroaniline	10.50	138	346325	40.87	nq	90
62) Azobenzene	10.64	77	1638476	44.50	nq	97
64) 4,6-Dinitro-2-methylphenol	10.52	198	189127	45.06	nq	94
65) n-Nitrosodiphenylamine	10.59	169	1128976	41.80	nq	99
66) 4-Bromophenyl-phenylether	10.97	248	338663	41.21	nq	94
67) Hexachlorobenzene	11.02	284	359090	41.69	nq	96
68) Atrazine	11.13	200	383484	46.33	nq	94
69) Pentachlorophenol	11.22	266	367794	70.42	nq	98
70) Phenanthrene	11.45	178	1844104	43.78	nq	99
71) Anthracene	11.49	178	1655584	39.92	nq	99
72) Carbazole	11.64	167	1676305	41.85	nq	100
73) Di-n-butylphthalate	11.99	149	2139106	39.49	nq	100
74) Fluoranthene	12.63	202	1588896	43.66	nq	99
76) Benzidine	12.75	184	412279	22.68	nq	97
77) Pyrene	12.85	202	1579751	43.95	nq	99
79) Butylbenzylphthalate	13.48	149	871381	52.48	nq	98
80) Benzo(a)anthracene	14.04	228	1018029	39.58	nq	99
81) 3,3'-Dichlorobenzidine	14.01	252	175411	11.77	nq	# 96
82) Chrysene	14.08	228	1088624	39.70	nq	99
83) Bis(2-ethylhexyl)phthalate	14.04	149	843980	47.07	nq	100
84) Di-n-octyl phthalate	14.65	149	1557087	45.06	nq	# 98
85) Indeno(1,2,3-cd)pyrene	16.90	276	1344488	59.64	nq	96
87) Benzo(b)fluoranthene	15.07	252	1079491m	37.13	nq	
88) Benzo(k)fluoranthene	15.11	252	1070555m	40.39	nq	
89) Benzo(a)pyrene	15.43	252	1075583	42.71	nq	100
90) Dibenzo(a,h)anthracene	16.92	278	1098476	49.36	nq	99
91) Benzo(g,h,i)perylene	17.32	276	1189508	50.27	nq	# 94

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

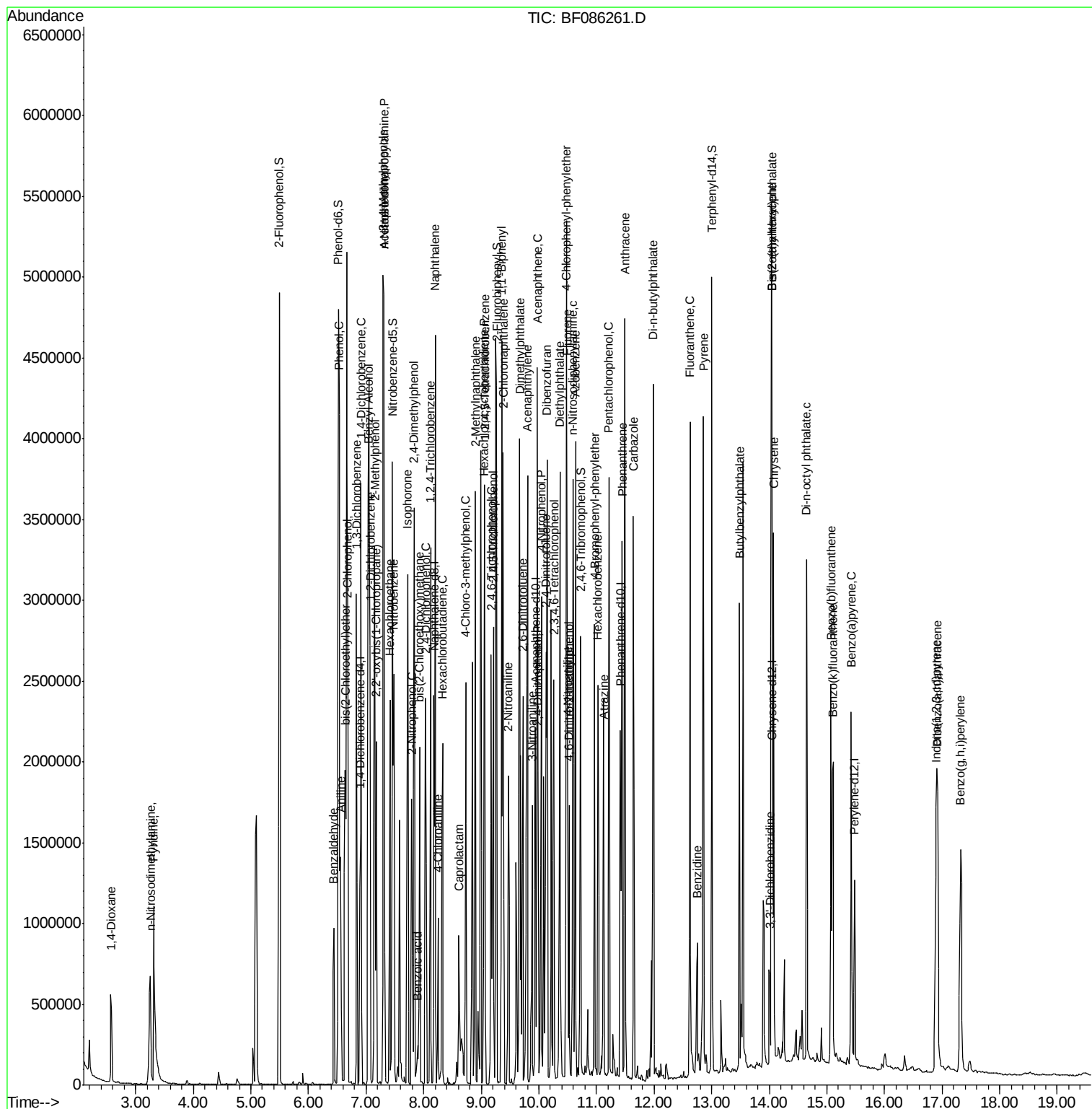
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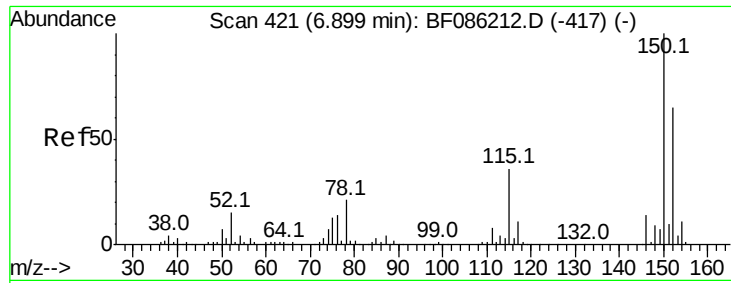
Instrument :
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#1

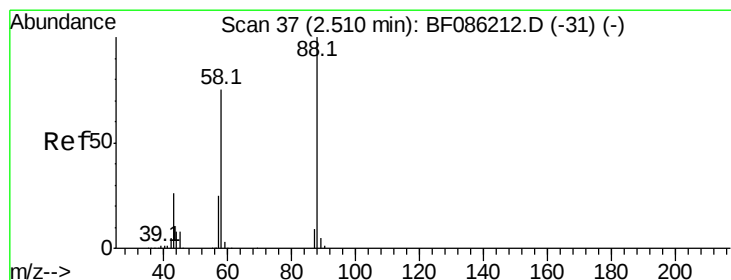
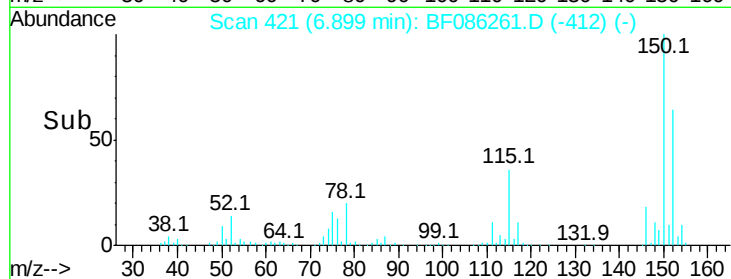
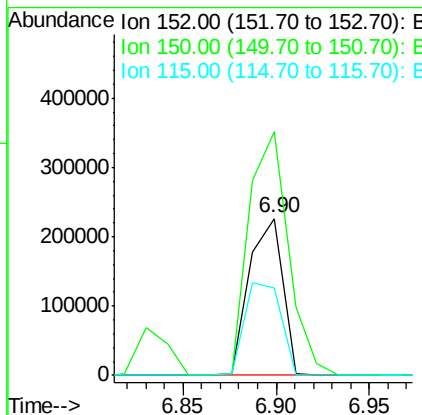
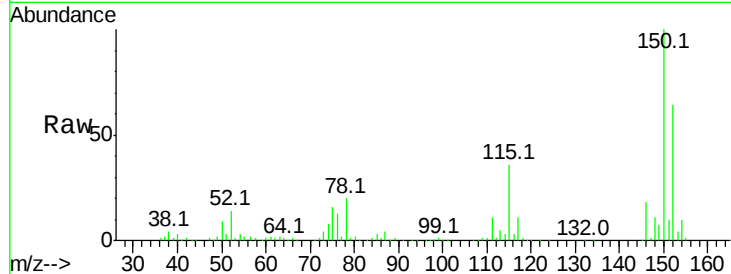
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 421
Delta R.T. 0.00 min
Lab File: BF086261.D
Acq: 16 Apr 2016 13:02

Instrument :
BNA_F
ClientSampleId :
CDMSH4MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	124.1	186.1
115	55.9	43.9	65.9

Manual Integrations
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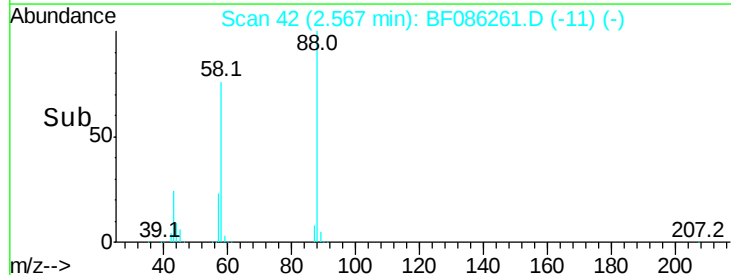
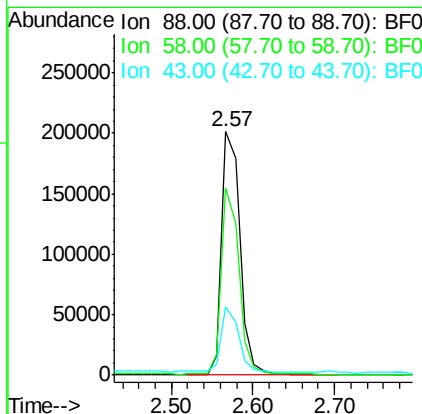
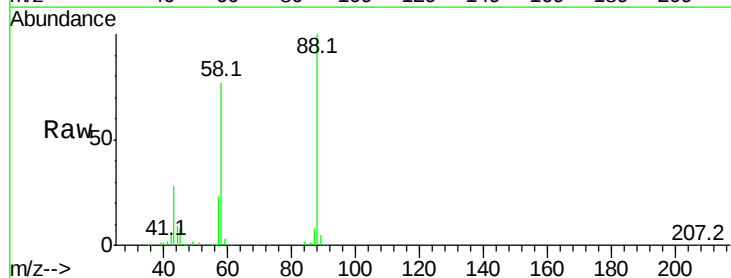
Sohil
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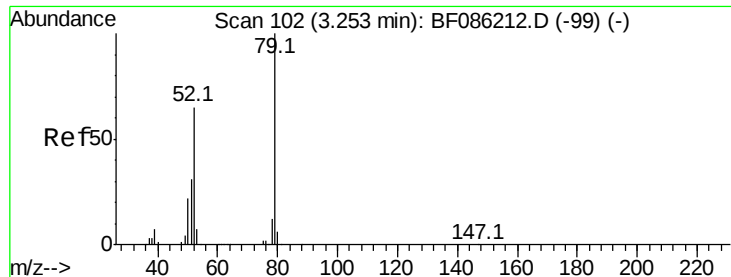


#2

1,4-Dioxane
Concen: 33.36 ng
RT: 2.57 min Scan# 42
Delta R.T. 0.06 min
Lab File: BF086261.D
Acq: 16 Apr 2016 13:02

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.1	58.4	87.6
43	25.4	23.3	34.9





#3

Pvridine

Concen: 35.60 ng

RT: 3.31 min Scan# 107

Delta R.T. 0.06 min

Lab File: BF086261.D

Acq: 16 Apr 2016 13:02

Instrument :

BNA_F

ClientSampleId :

CDMSH4MS

Tot Ion: 79 Resp: 874036

Ion Ratio Lower Upper

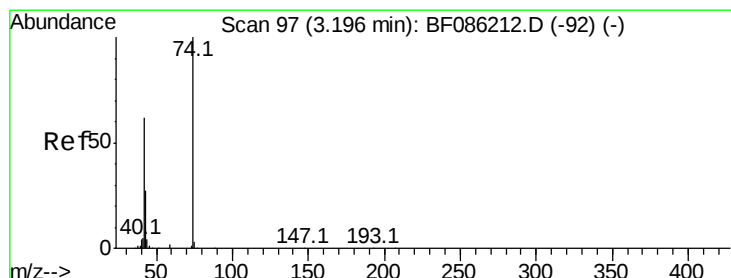
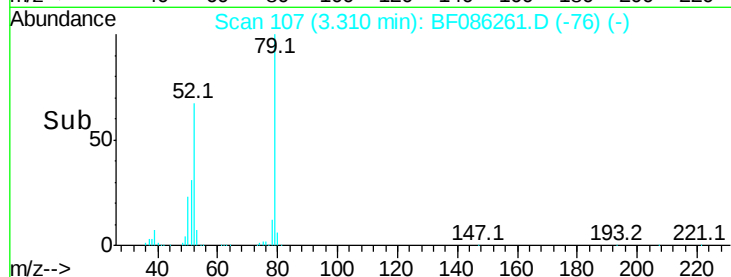
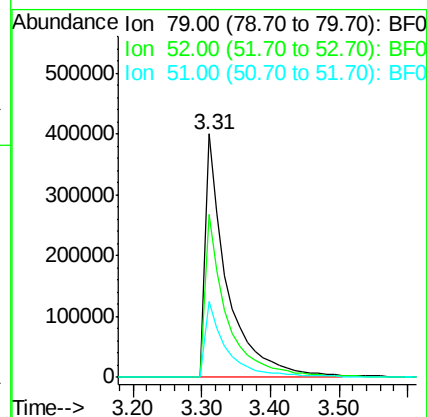
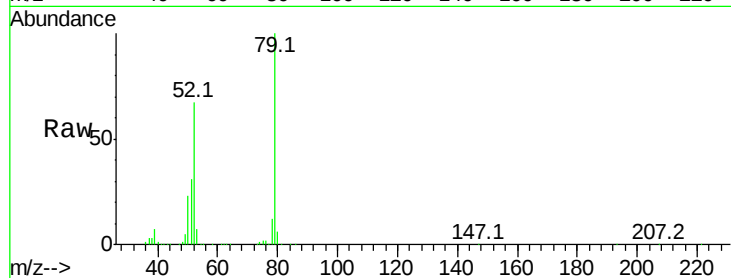
79 100

52 67.1 55.4 83.2

51 31.1 28.1 42.1

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#4

n-Nitrosodimethylamine

Concen: 42.90 ng

RT: 3.25 min Scan# 102

Delta R.T. 0.06 min

Lab File: BF086261.D

Acq: 16 Apr 2016 13:02

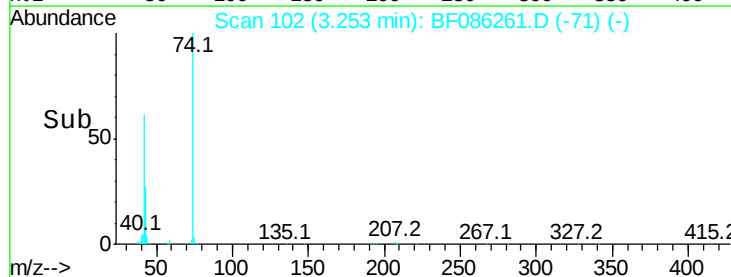
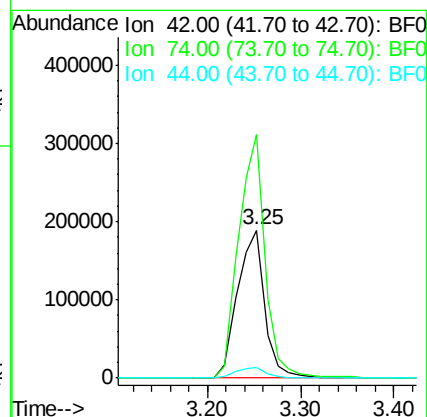
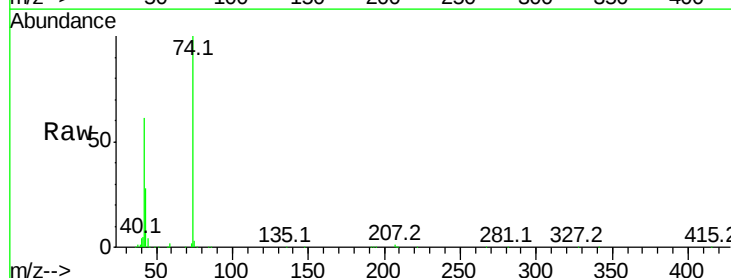
Tgt Ion: 42 Resp: 380484

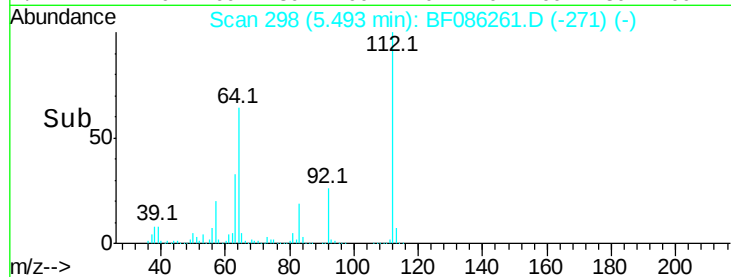
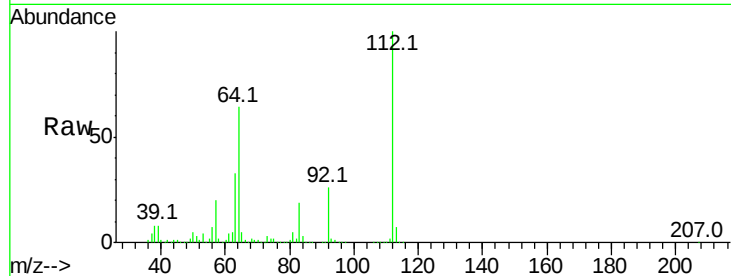
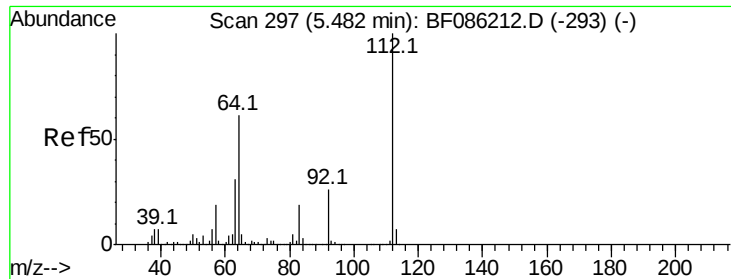
Ion Ratio Lower Upper

42 100

74 164.2 100.5 150.7#

44 7.1 5.4 8.0





#5

2-Fluorophenol

Concen: 110.28 ng

RT: 5.49 min Scan# 298

Delta R.T. 0.01 min

Lab File: BF086261.D

Acq: 16 Apr 2016 13:02

Tot Ion: 112 Resp: 1882700

Ion Ratio Lower Upper

112 100

64 63.7 48.1 72.1

63 32.9 25.5 38.3

Instrument :

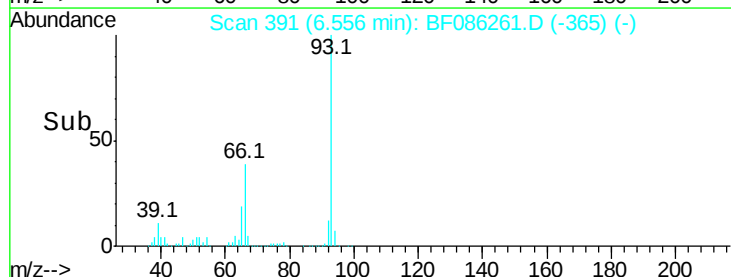
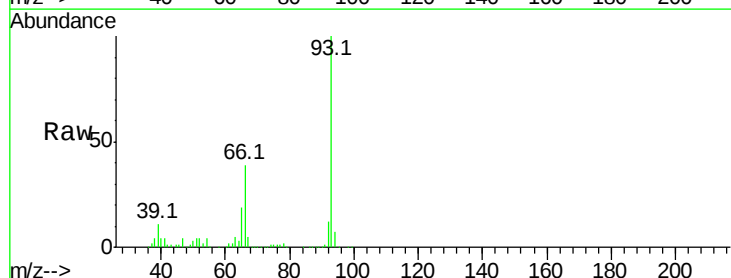
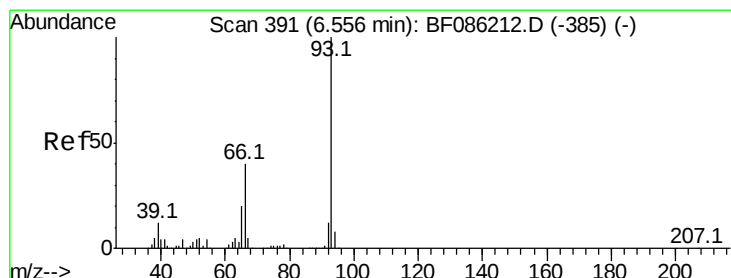
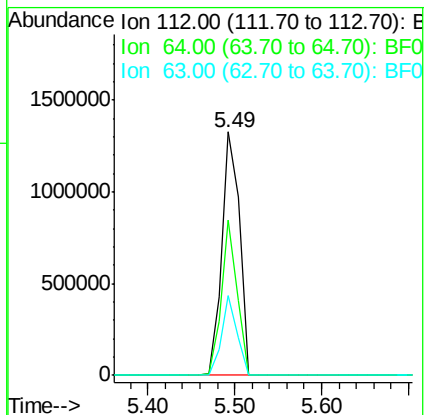
BNA_F

ClientSampleId :

CDMSH4MS

Manual Integrations
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#6

Aniline

Concen: 22.21 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.00 min

Lab File: BF086261.D

Acq: 16 Apr 2016 13:02

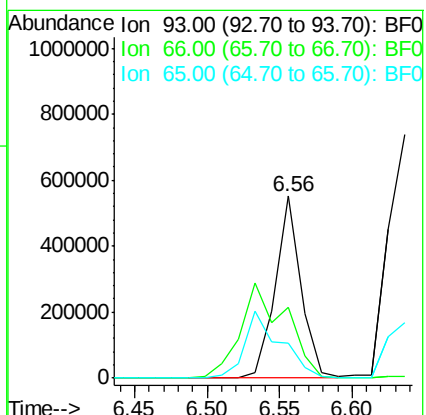
Tgt Ion: 93 Resp: 683481

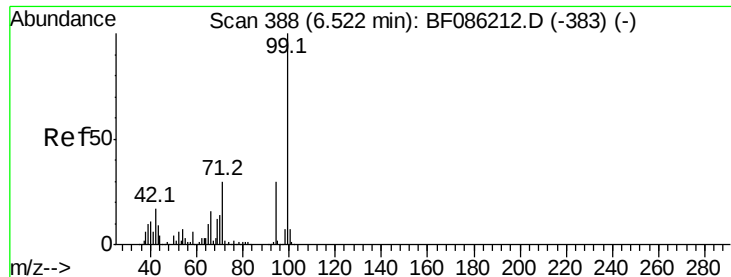
Ion Ratio Lower Upper

93 100

66 38.9 32.2 48.2

65 19.2 16.4 24.6





#7

Phenol-d6

Concen: 110.26 ng

RT: 6.52 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF086261.D

Acq: 16 Apr 2016 13:02

Instrument :

BNA_F

ClientSampleId :

CDMSH4MS

Tot Ion: 99 Resp: 2354355

Ion Ratio Lower Upper

99 100

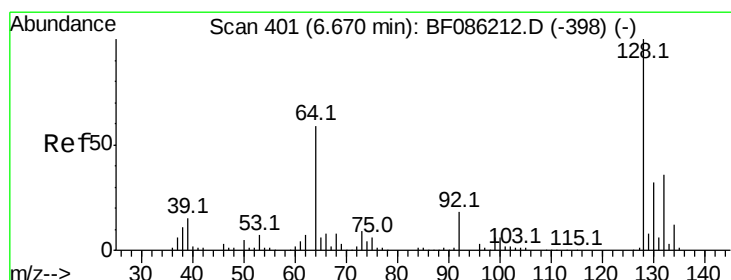
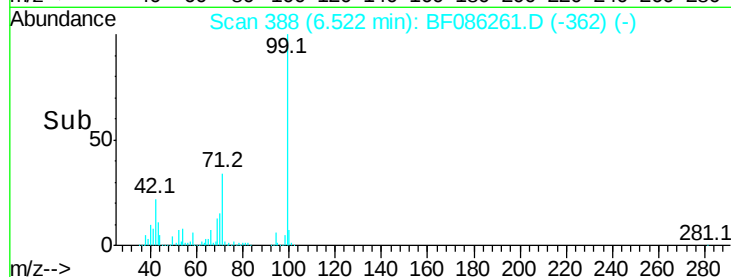
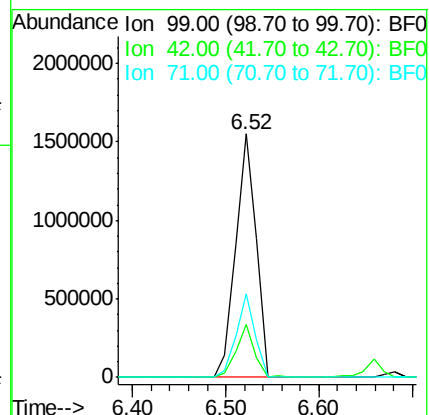
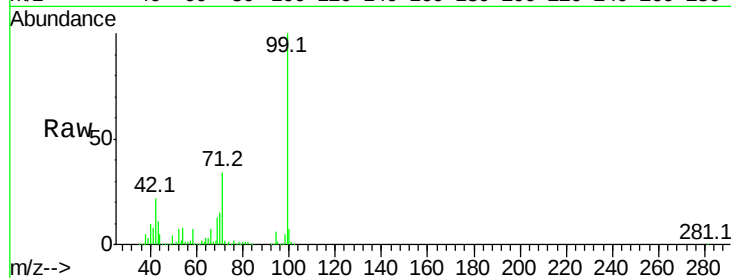
42 21.6 15.4 23.2

71 34.3 25.6 38.4

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#8

2-Chlorophenol

Concen: 39.84 ng

RT: 6.68 min Scan# 402

Delta R.T. 0.01 min

Lab File: BF086261.D

Acq: 16 Apr 2016 13:02

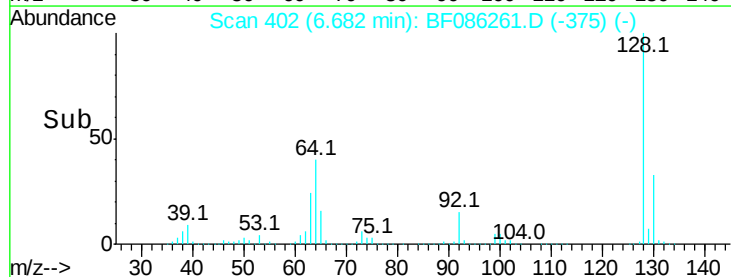
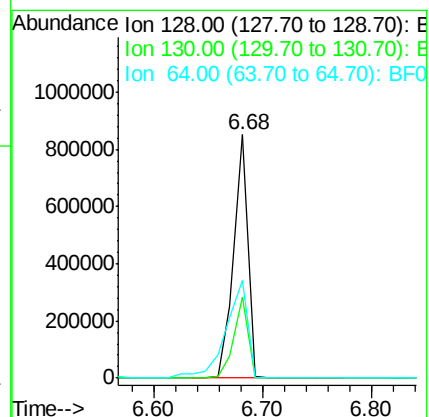
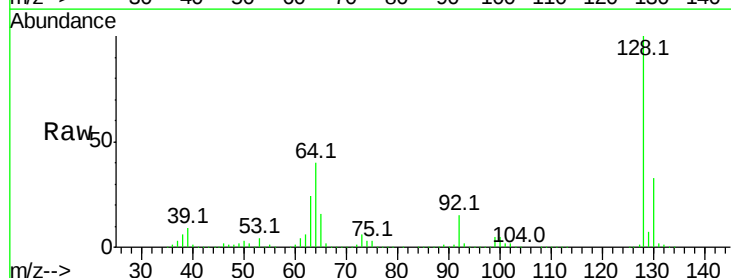
Tgt Ion:128 Resp: 769405

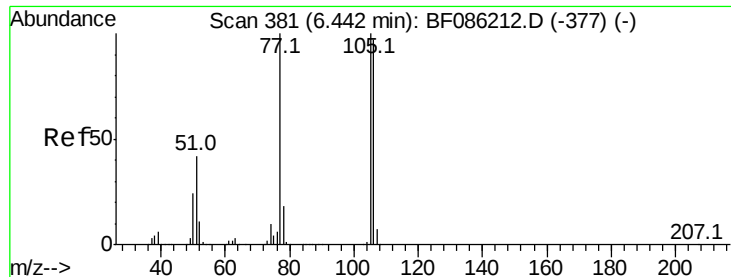
Ion Ratio Lower Upper

128 100

130 33.2 11.8 51.8

64 40.2 39.5 79.5





#9

Benzaldehyde

Concen: 17.20 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF086261.D

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Instrument :

BNA_F

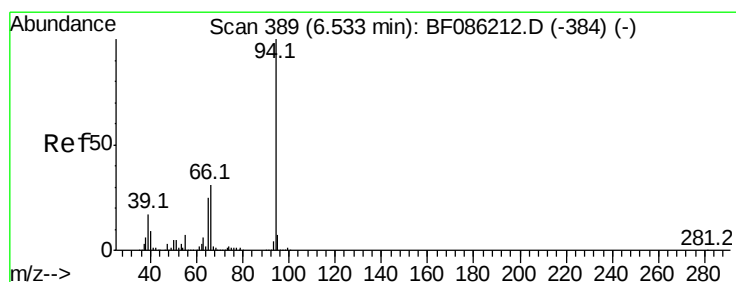
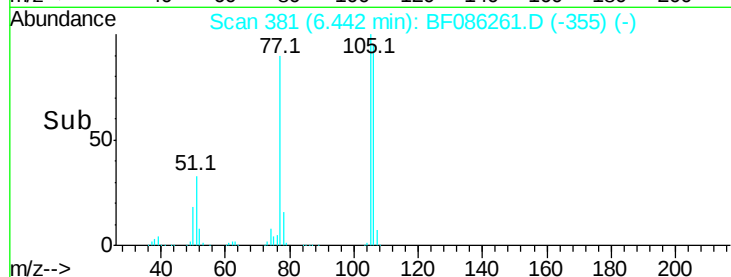
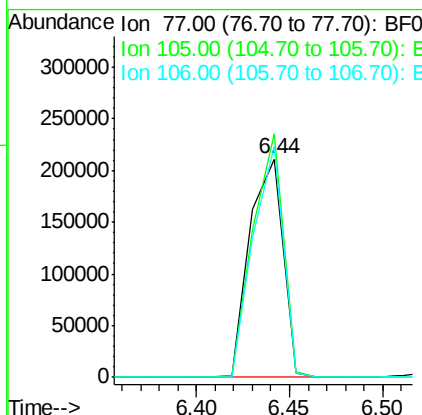
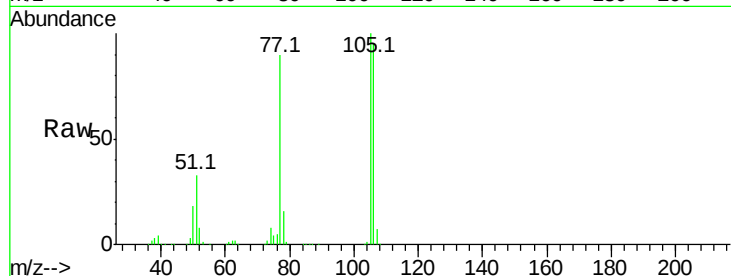
ClientSampleId :

CDMSH4MS

Tot Ion	Ratio	Lower	Upper
77	100		
105	111.6	84.6	124.6
106	105.9	78.6	118.6

Manual Integrations
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#10

Phenol

Concen: 32.08 ng

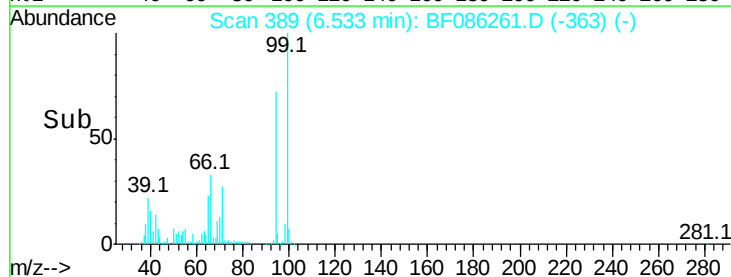
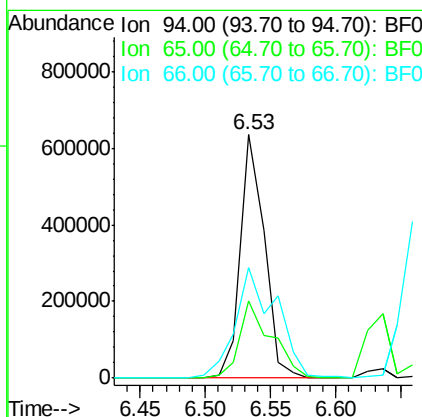
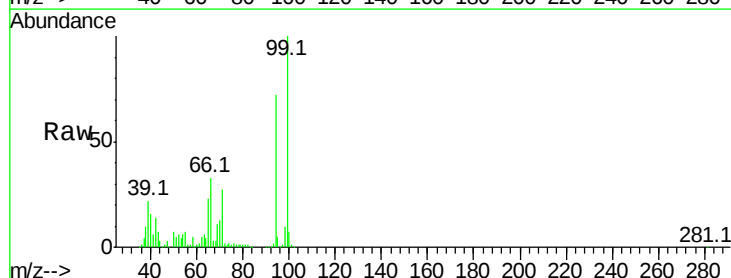
RT: 6.53 min Scan# 389

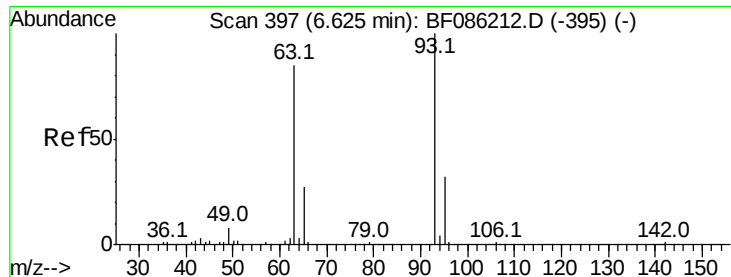
Delta R.T. 0.00 min

Lab File: BF086261.D

Acq: 16 Apr 2016 13:02

Tgt Ion	Ratio	Lower	Upper
94	100		
65	31.8	7.9	47.9
66	45.5	16.5	56.5





#11

bis(2-Chloroethyl)ether

Concen: 42.93 ng

RT: 6.64 min Scan# 398

Delta R.T. 0.01 min

Lab File: BF086261.D

Acq: 16 Apr 2016 13:02

Instrument :

BNA_F

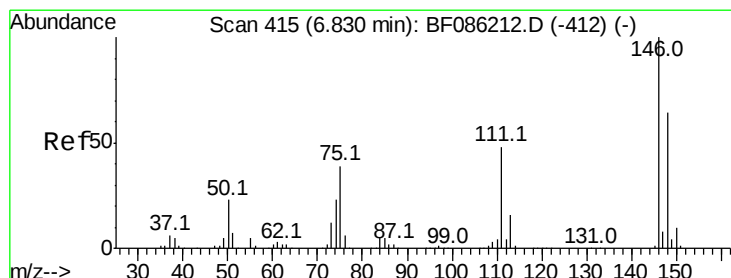
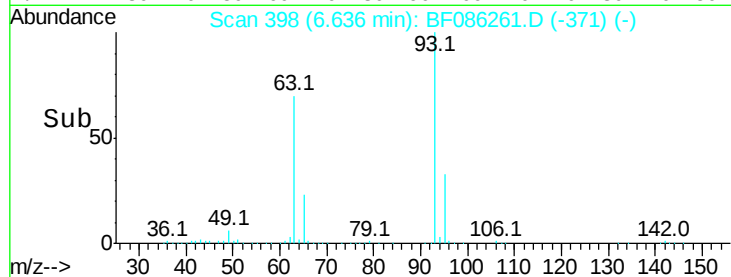
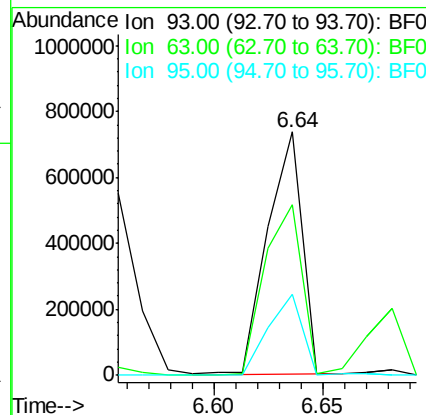
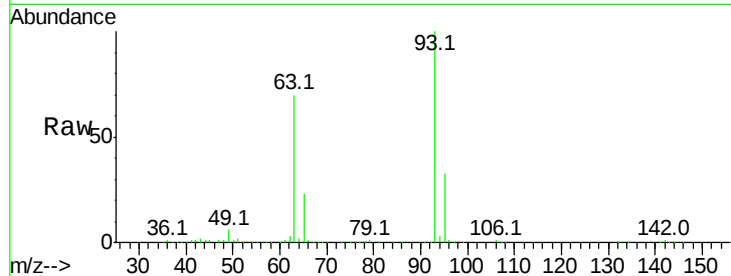
ClientSampleId :

CDMSH4MS

Tot Ion:	93	Resp:	821263
Ion Ratio	Lower	Upper	
93	100		
63	70.3	44.4	84.4
95	33.3	13.1	53.1

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 37.91 ng

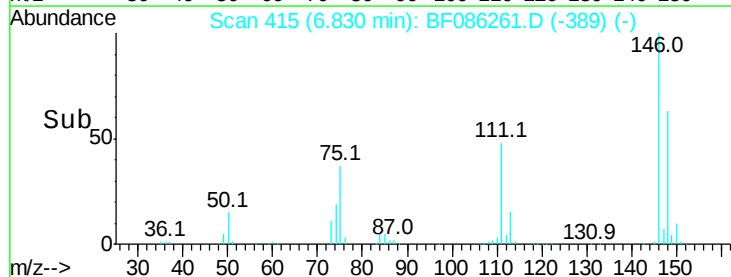
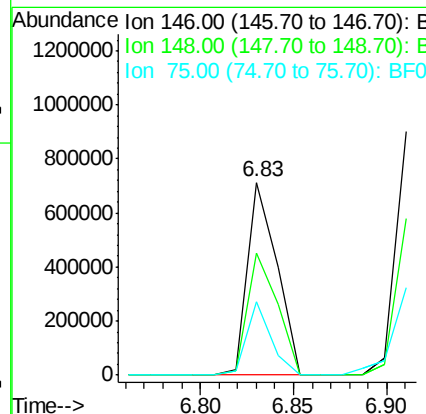
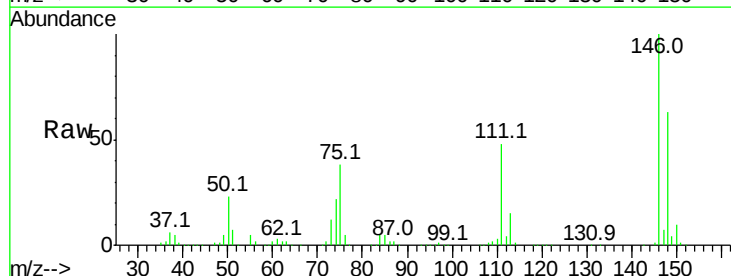
RT: 6.83 min Scan# 415

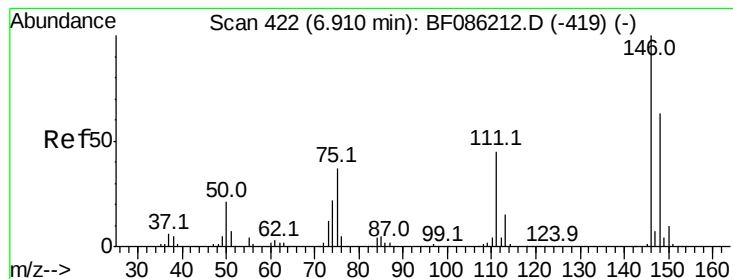
Delta R.T. 0.00 min

Lab File: BF086261.D

Acq: 16 Apr 2016 13:02

Tgt Ion:	146	Resp:	776912
Ion Ratio	Lower	Upper	
146	100		
148	63.2	51.0	76.4
75	38.3	29.9	44.9





#13

1,4-Dichlorobenzene

Concen: 39.21 ng

RT: 6.91 min Scan# 422

Delta R.T. 0.00 min

Lab File: BF086261.D

Acq: 16 Apr 2016 13:02

Instrument :

BNA_F

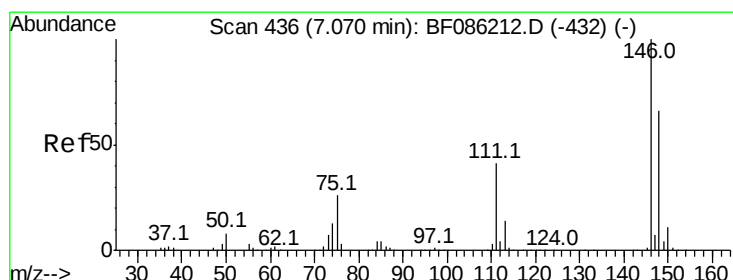
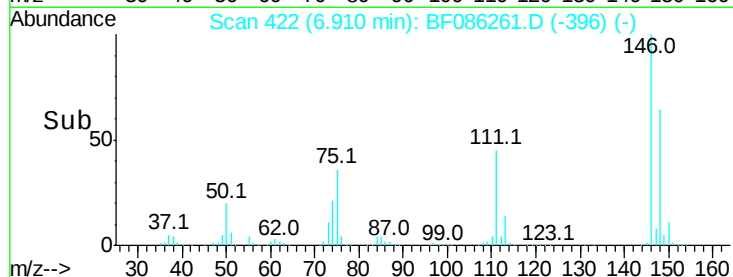
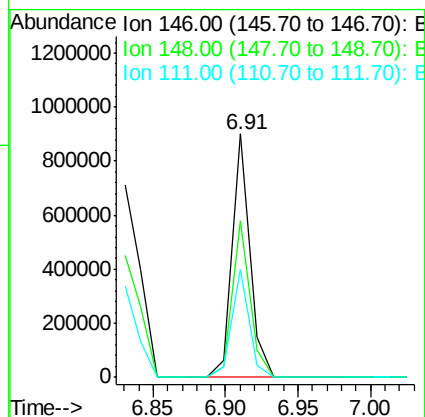
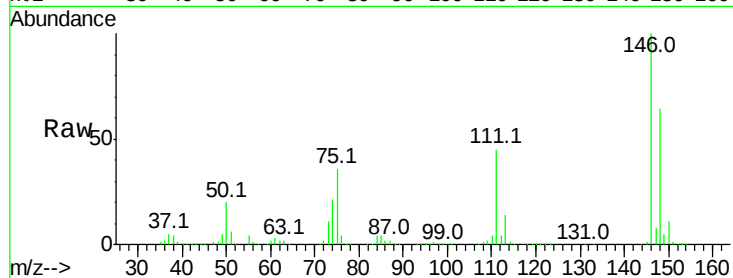
ClientSampleId :

CDMSH4MS

Tot Ion:	146	Resp:	765440
Ion Ratio	Lower	Upper	
146	100		
148	64.2	51.8	77.6
111	44.5	34.9	52.3

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 41.97 ng

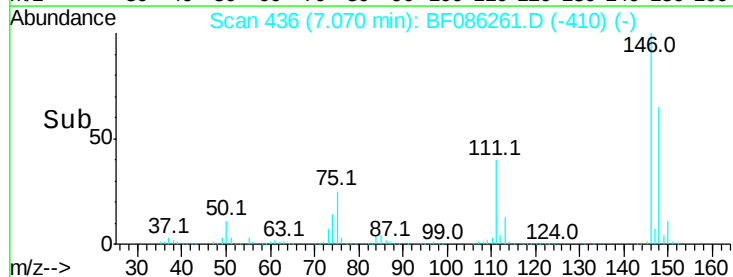
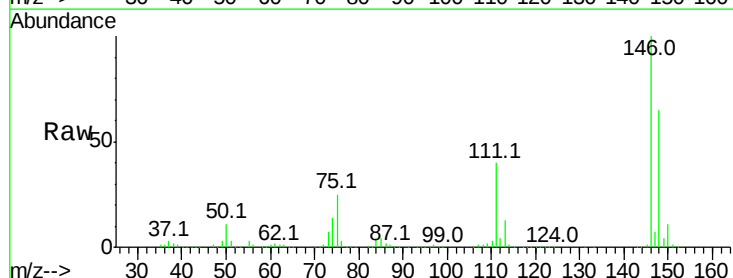
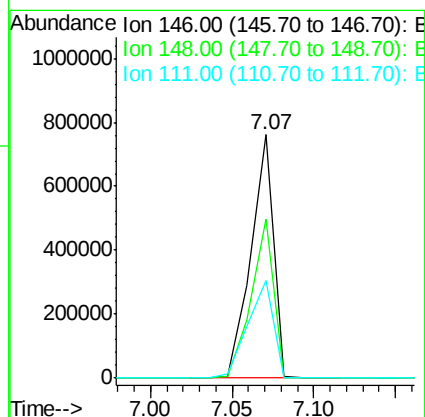
RT: 7.07 min Scan# 436

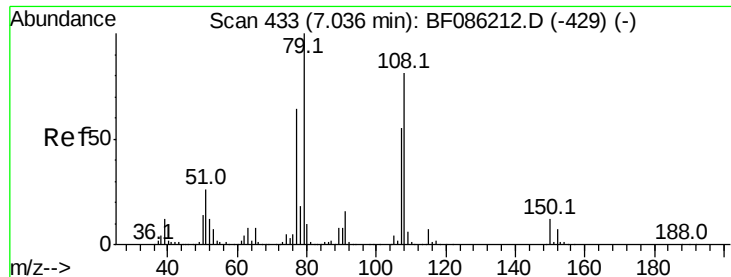
Delta R.T. 0.00 min

Lab File: BF086261.D

Acq: 16 Apr 2016 13:02

Tgt Ion:	146	Resp:	727182
Ion Ratio	Lower	Upper	
146	100		
148	65.4	52.2	78.2
111	39.9	31.0	46.4





#15

Benzyl Alcohol

Concen: 43.52 ng

RT: 7.04 min Scan# 433

Delta R.T. 0.00 min

Lab File: BF086261.D

Acq: 16 Apr 2016 13:02

Instrument :

BNA_F

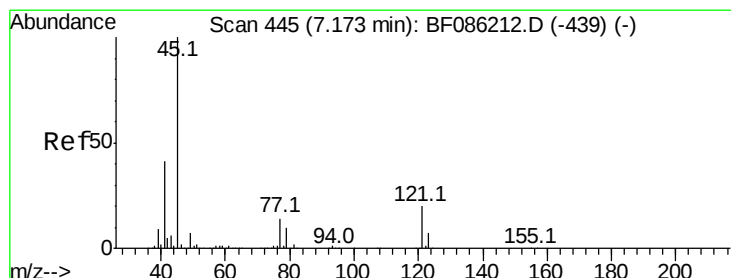
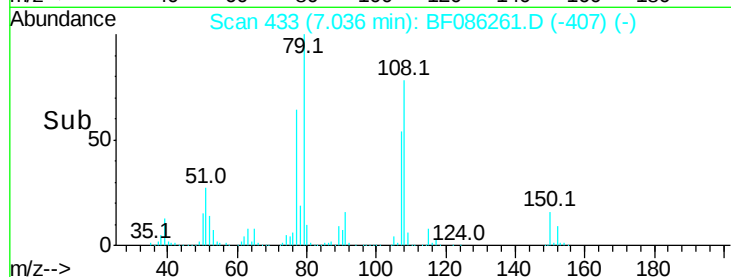
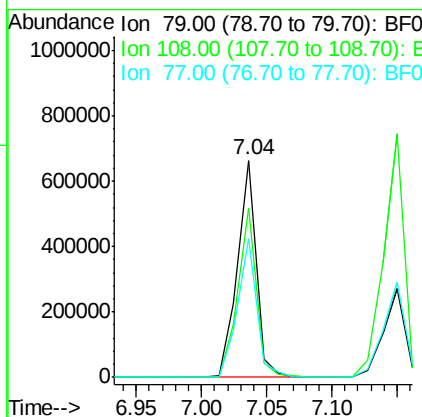
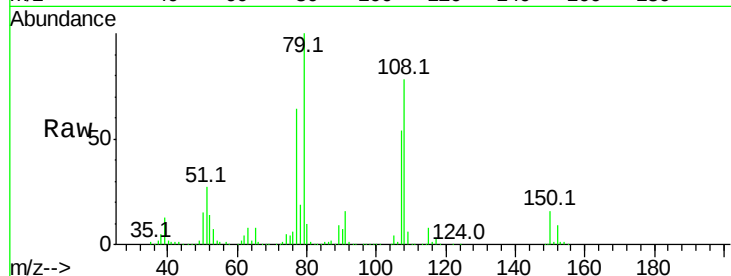
ClientSampleID :

CDMSH4MS

Tot Ion:	79	Resp:	659271
Ion Ratio	Lower	Upper	
79	100		
108	78.3	64.8	97.2
77	64.0	51.9	77.9

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 40.11 ng

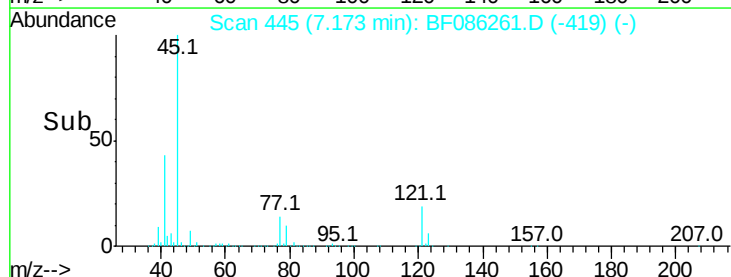
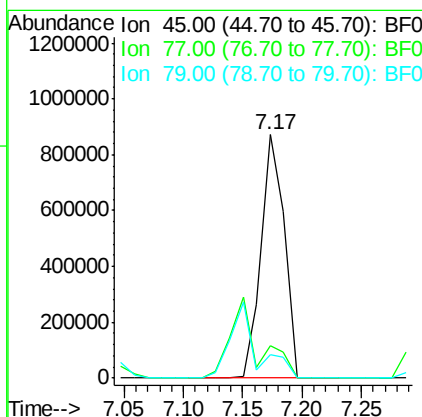
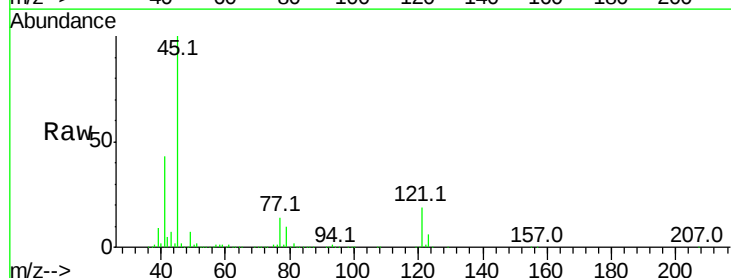
RT: 7.17 min Scan# 445

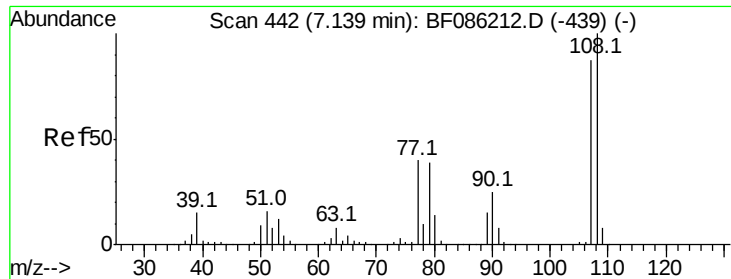
Delta R.T. 0.00 min

Lab File: BF086261.D

Acq: 16 Apr 2016 13:02

Tgt Ion:	45	Resp:	1195635
Ion Ratio	Lower	Upper	
45	100		
77	13.6	0.0	33.7
79	9.9	0.0	30.1





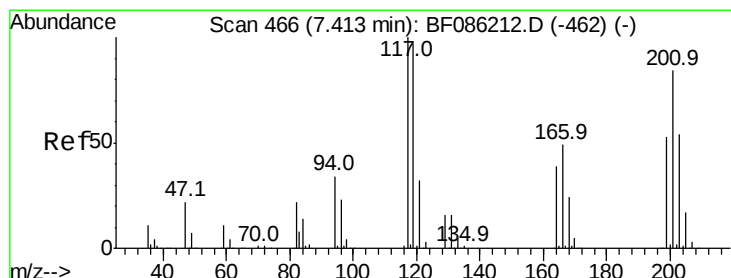
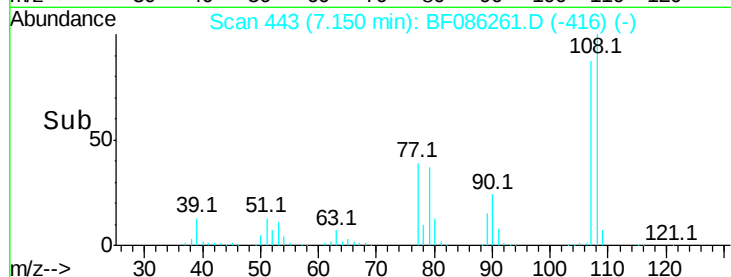
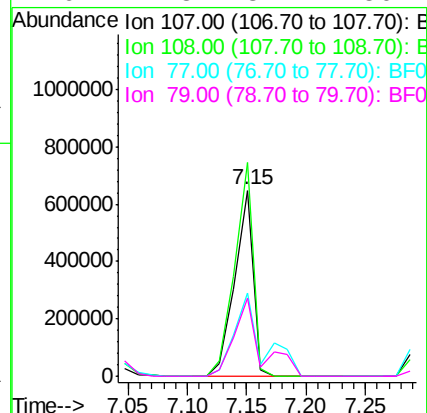
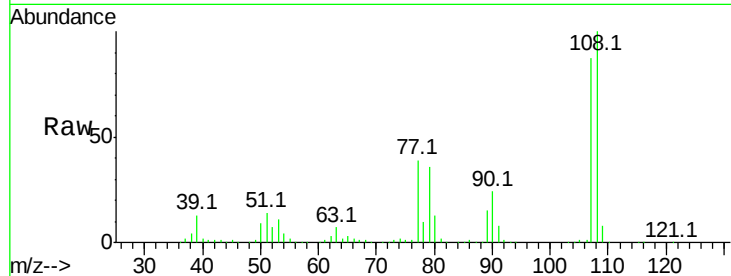
#17
2-Methylphenol
Concen: 43.68 ng
RT: 7.15 min Scan# 443
Delta R.T. 0.01 min
Lab File: BF086261.D
Acq: 16 Apr 2016 13:02

Instrument :
BNA_F
ClientSampleId :
CDMSH4MS

Tot Ion:	107	Resp:	702946
Ion Ratio	Lower	Upper	
107	100		
108	114.7	92.7	139.1
77	44.6	39.6	59.4
79	41.8	37.4	56.2

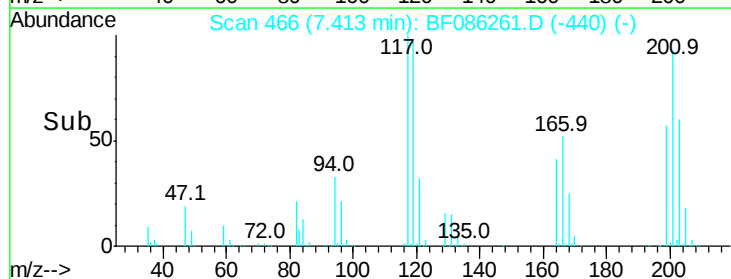
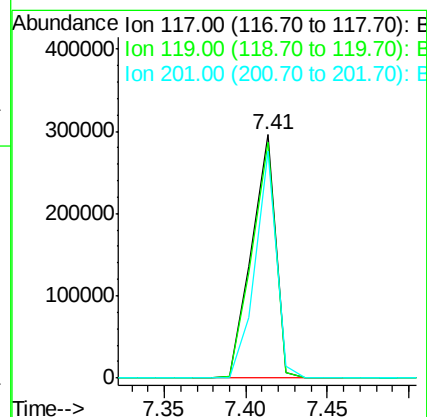
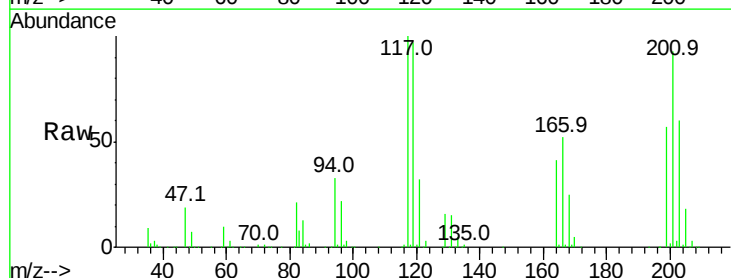
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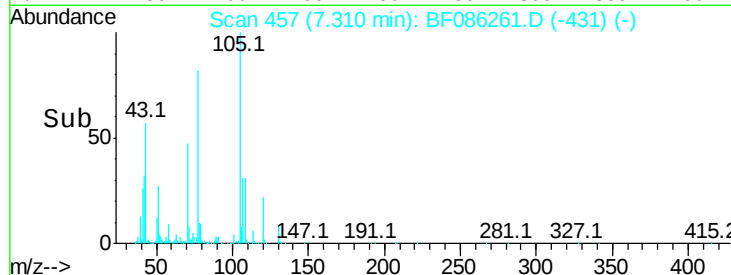
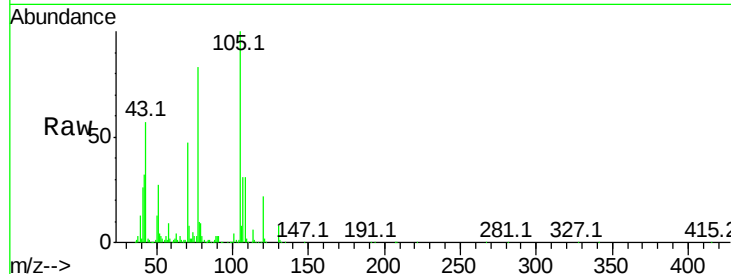
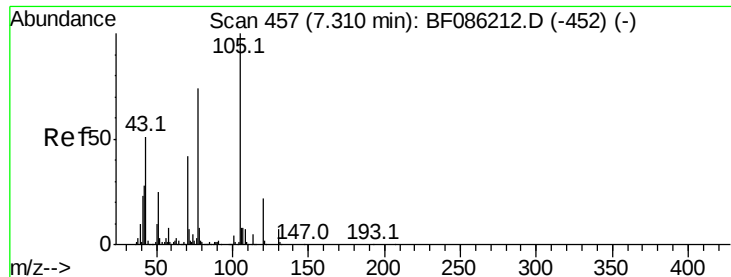
Sohil
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#18
Hexachloroethane
Concen: 40.99 ng
RT: 7.41 min Scan# 466
Delta R.T. 0.00 min
Lab File: BF086261.D
Acq: 16 Apr 2016 13:02

Tgt Ion:	117	Resp:	301851
Ion Ratio	Lower	Upper	
117	100		
119	97.0	78.2	117.4
201	93.4	75.7	113.5





#19

n-Nitroso-di-n-propylamine

Concen: 36.57 ng

RT: 7.31 min Scan# 457

Delta R.T. 0.00 min

Lab File: BF086261.D

Acq: 16 Apr 2016 13:02

Instrument :

BNA_F

ClientSampleId :

CDMSH4MS

Tot Ion: 70 Resp: 499748

Ion Ratio Lower Upper

70 100

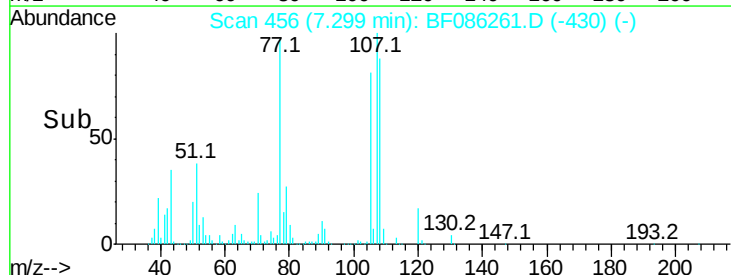
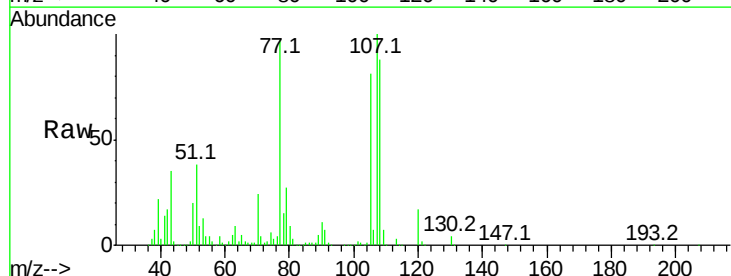
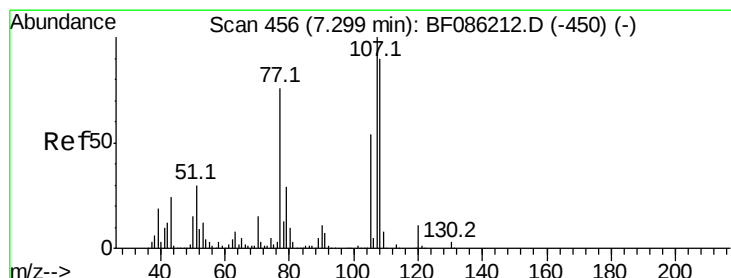
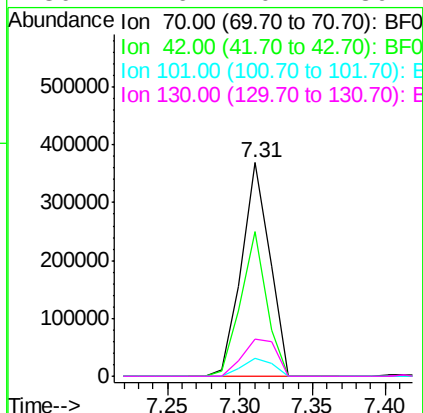
42 67.9 43.0 64.4#

101 8.4 8.1 12.1

130 17.6 20.1 30.1#

Manual Integrations
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#20

3+4-Methylphenols

Concen: 37.38 ng

RT: 7.30 min Scan# 456

Delta R.T. 0.00 min

Lab File: BF086261.D

Acq: 16 Apr 2016 13:02

Tgt Ion:107 Resp: 673845

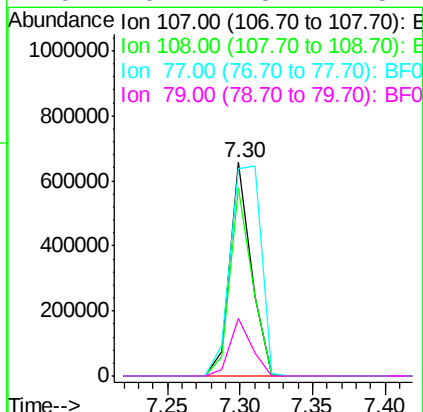
Ion Ratio Lower Upper

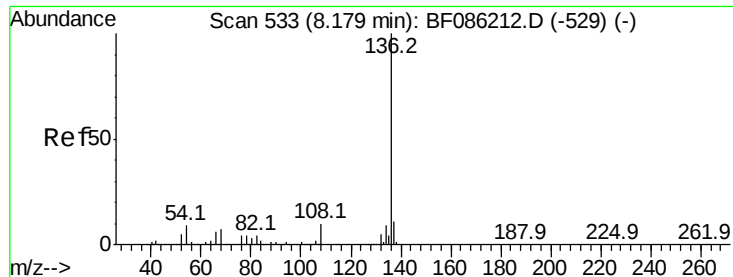
107 100

108 87.9 69.7 109.7

77 96.9 60.5 100.5

79 26.7 8.1 48.1





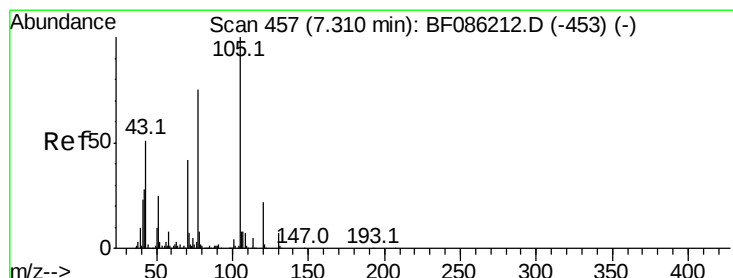
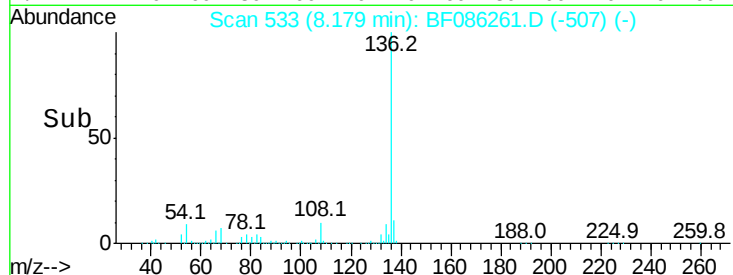
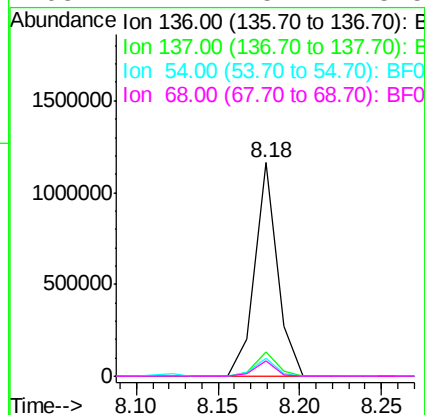
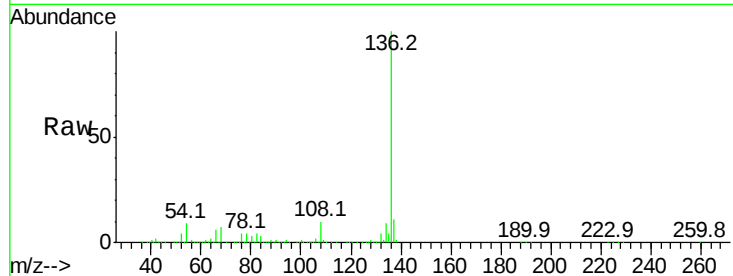
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 533
Delta R.T. 0.00 min
Lab File: BF086261.D
Acq: 16 Apr 2016 13:02

Instrument :
BNA_F
ClientSampleId :
CDMSH4MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	1122132		
137	11.2	9.1	13.7	
54	8.6	7.3	10.9	
68	7.1	5.7	8.5	

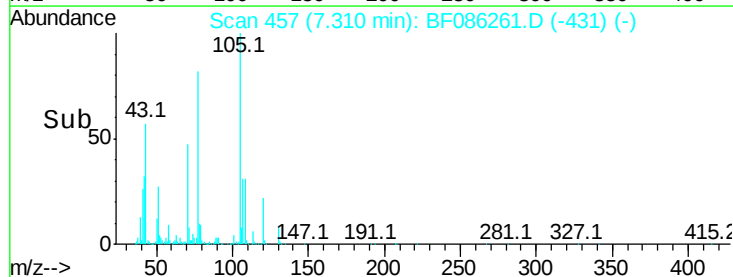
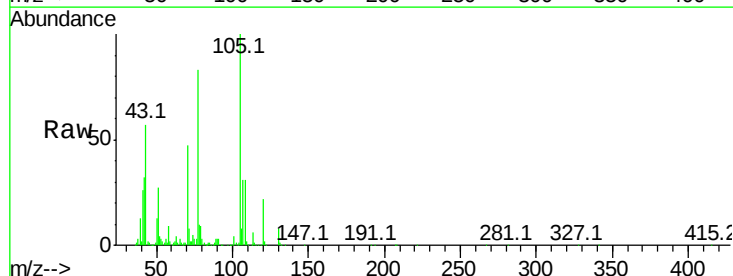
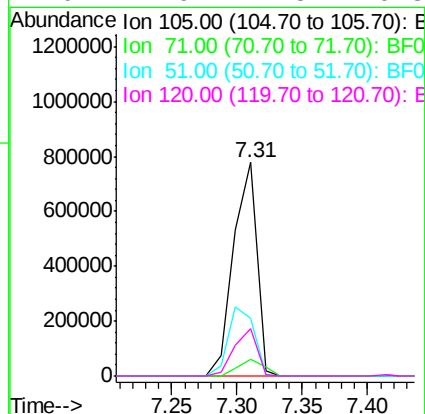
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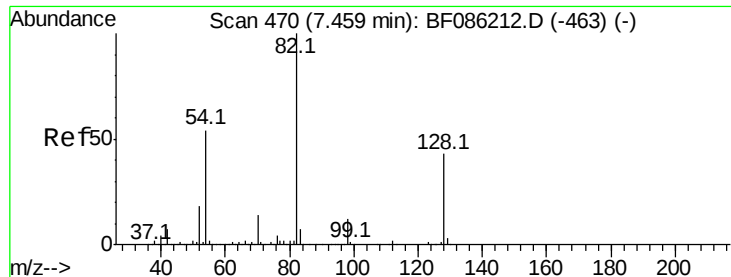
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#22
Acetophenone
Concen: 46.25 ng
RT: 7.31 min Scan# 457
Delta R.T. 0.00 min
Lab File: BF086261.D
Acq: 16 Apr 2016 13:02

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	962632		
71	7.9	4.0	6.0#	
51	27.3	22.0	33.0	
120	21.9	17.5	26.3	





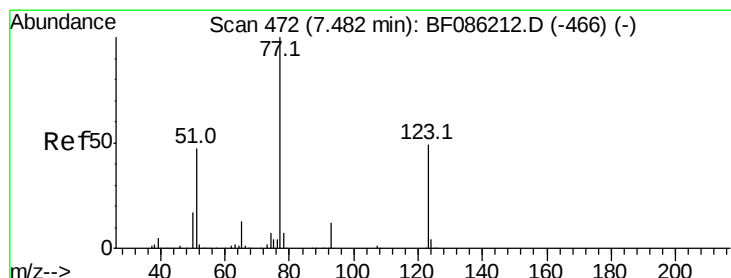
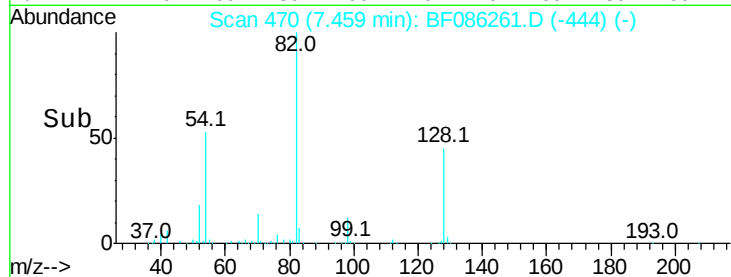
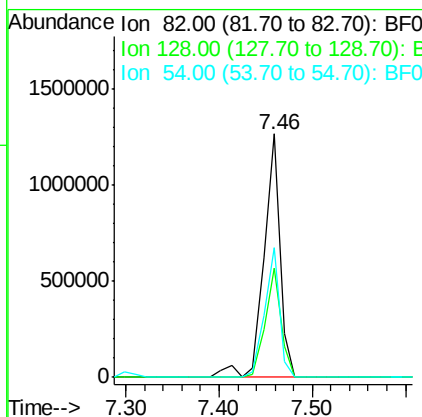
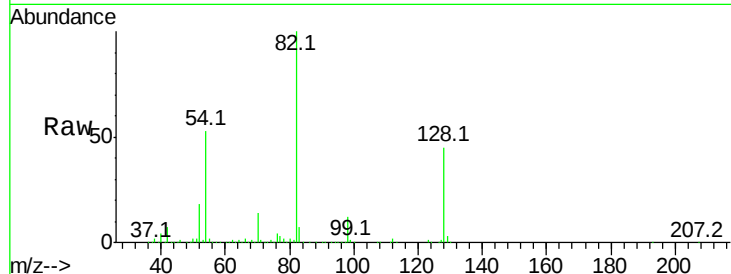
#23
Nitrobenzene-d5
Concen: 79.85 ng
RT: 7.46 min Scan# 470
Delta R.T. 0.00 min
Lab File: BF086261.D
Acq: 16 Apr 2016 13:02

Instrument :
BNA_F
ClientSampleId :
CDMSH4MS

Tot Ion: 82 Resp: 1553534
Ion Ratio Lower Upper
82 100
128 44.8 35.4 53.2
54 53.1 43.4 65.0

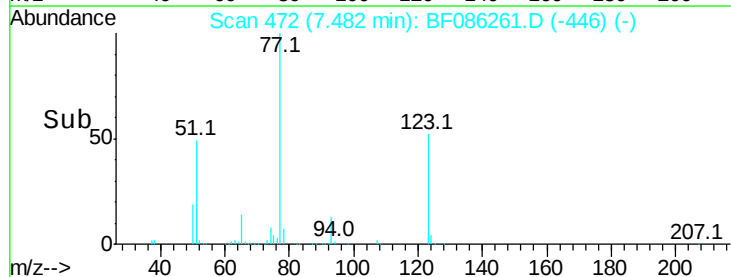
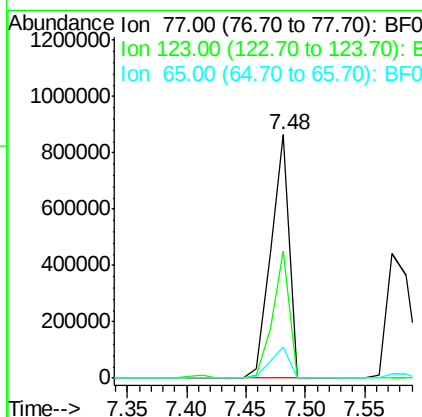
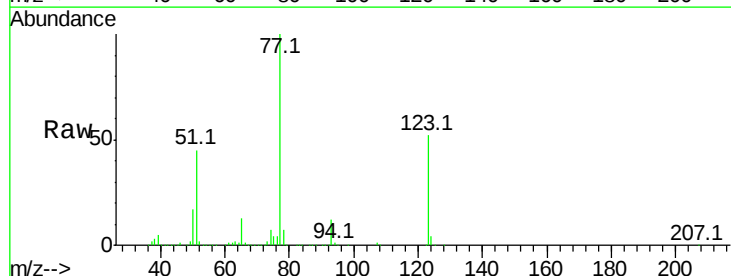
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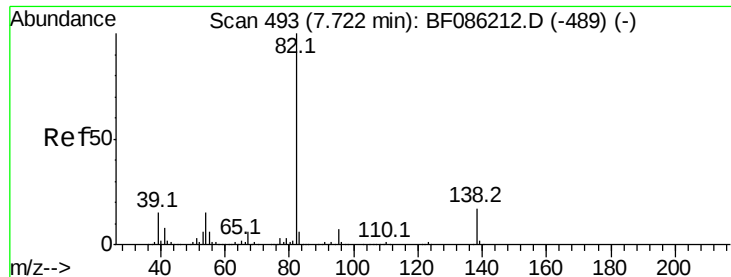
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#24
Nitrobenzene
Concen: 43.55 ng
RT: 7.48 min Scan# 472
Delta R.T. 0.00 min
Lab File: BF086261.D
Acq: 16 Apr 2016 13:02

Tgt Ion: 77 Resp: 926365
Ion Ratio Lower Upper
77 100
123 52.4 38.3 57.5
65 12.8 11.3 16.9





#25

Isophorone

Concen: 42.00 ng

RT: 7.72 min Scan# 493

Delta R.T. 0.00 min

Lab File: BF086261.D

Acq: 16 Apr 2016 13:02

Instrument :

BNA_F

ClientSampleId :

CDMSH4MS

Tot Ion: 82 Resp: 1621612

Ion Ratio Lower Upper

82 100

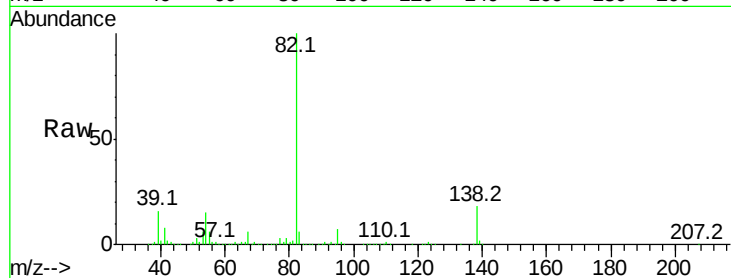
95 6.6 5.4 8.2

138 17.5 13.4 20.2

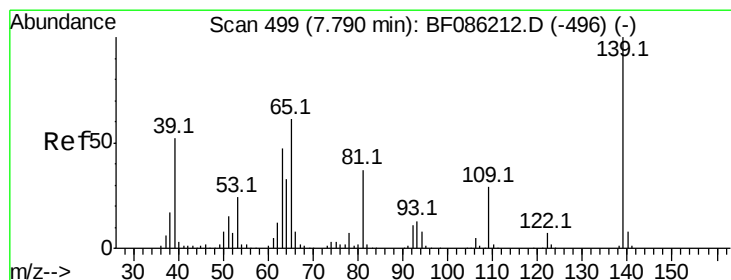
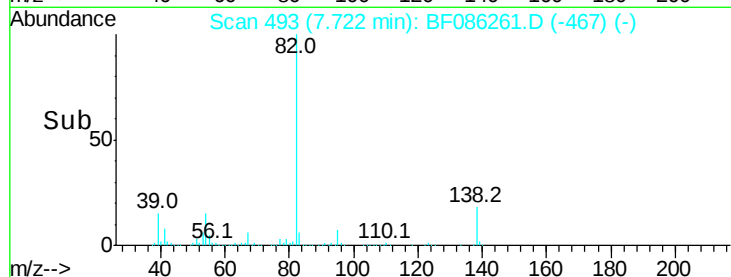
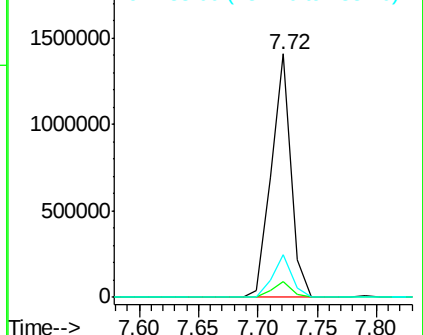
Manual Integrations
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Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 43.85 ng

RT: 7.79 min Scan# 499

Delta R.T. 0.00 min

Lab File: BF086261.D

Acq: 16 Apr 2016 13:02

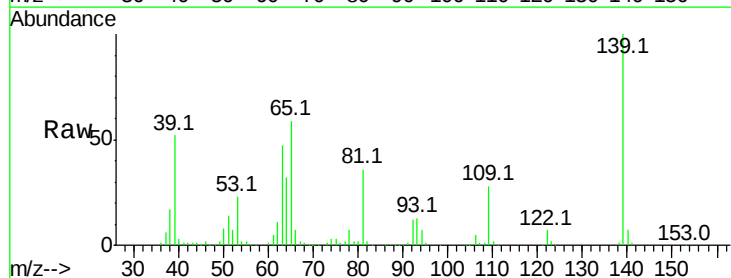
Tgt Ion:139 Resp: 406709

Ion Ratio Lower Upper

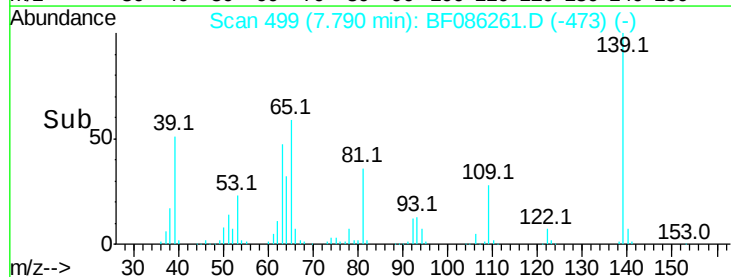
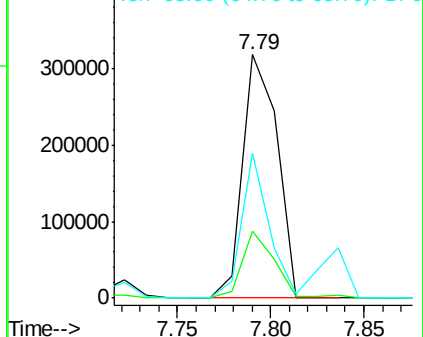
139 100

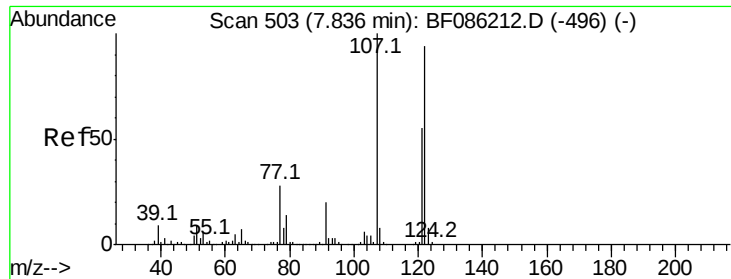
109 27.5 25.8 38.8

65 59.3 50.2 75.2



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0





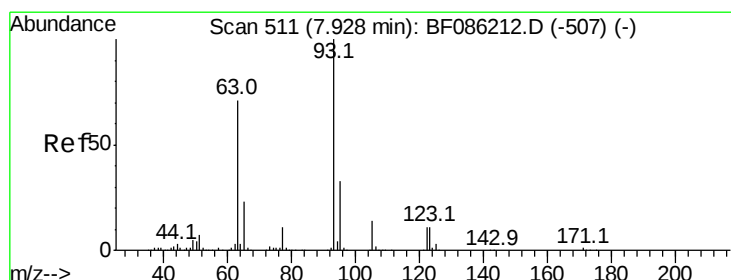
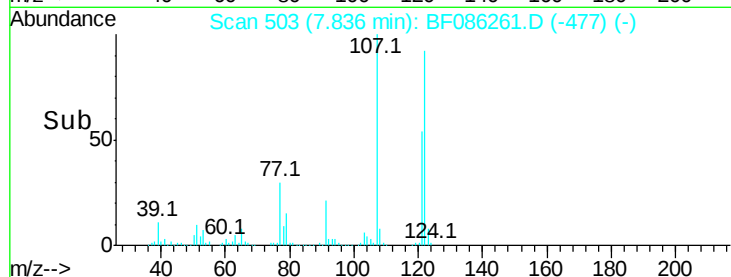
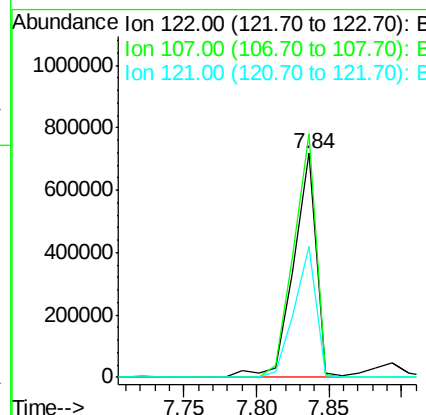
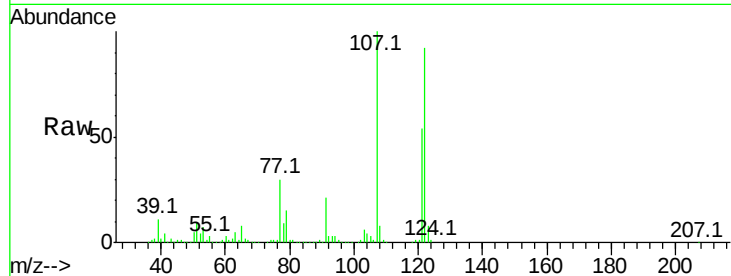
#27
 2,4-Dimethylphenol
 Concen: 41.70 ng
 RT: 7.84 min Scan# 503
 Delta R.T. 0.00 min
 Lab File: BF086261.D
 Acq: 16 Apr 2016 13:02

Instrument :
 BNA_F
 ClientSampleID :
 CDMSH4MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	108.6	85.8	128.6
121	58.2	47.1	70.7

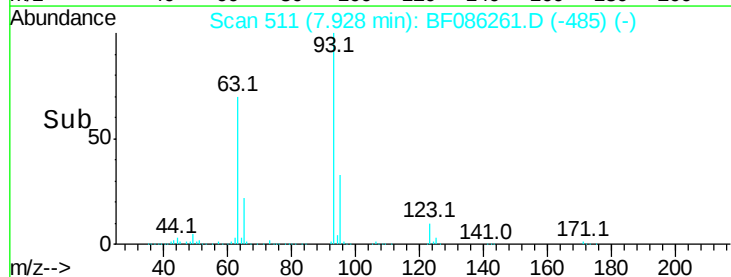
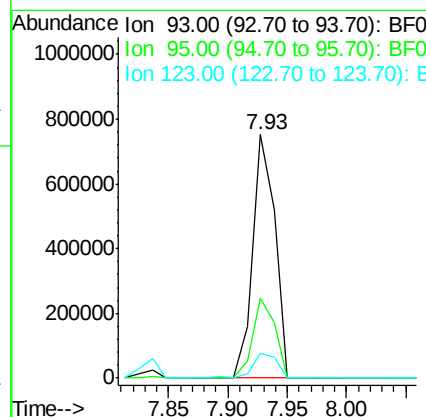
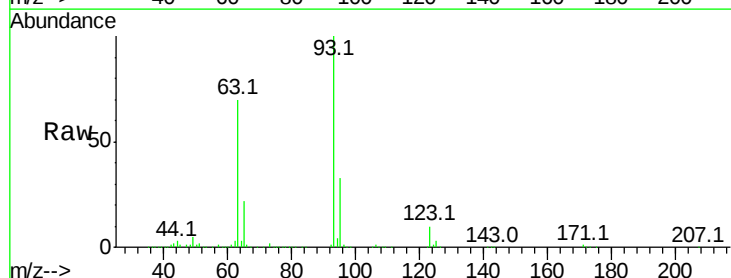
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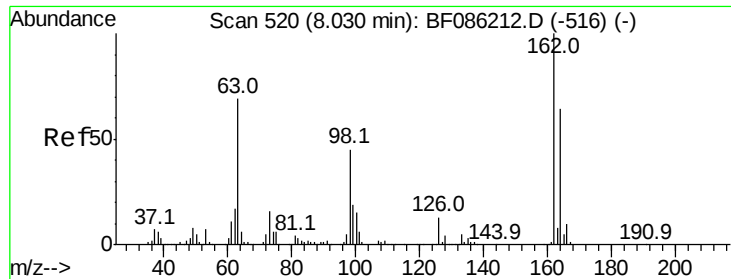
Sohil
 4/18/2016 7:33:29 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.49 ng
 RT: 7.93 min Scan# 511
 Delta R.T. 0.00 min
 Lab File: BF086261.D
 Acq: 16 Apr 2016 13:02

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	25.8	38.8
123	10.0	8.9	13.3





#29

2,4-Dichlorophenol

Concen: 43.28 ng

RT: 8.03 min Scan# 520

Delta R.T. 0.00 min

Lab File: BF086261.D

Acq: 16 Apr 2016 13:02

Instrument :

BNA_F

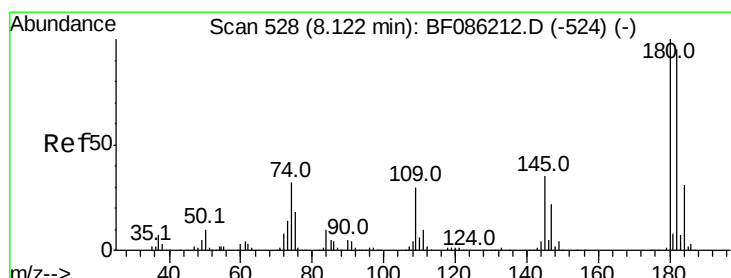
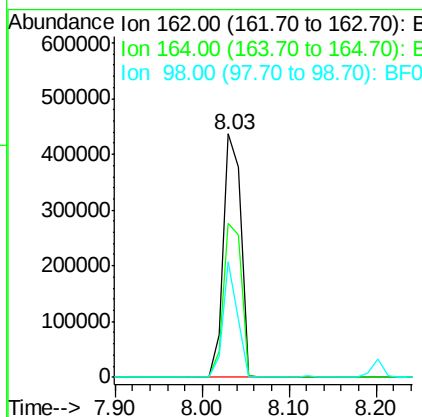
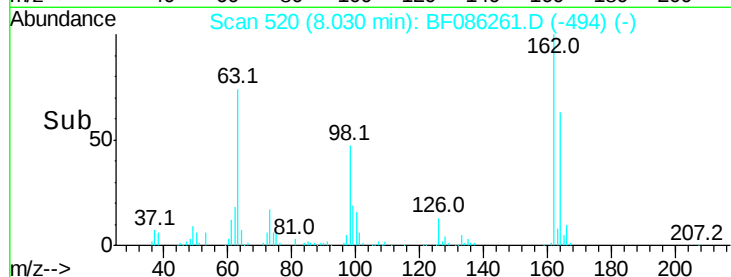
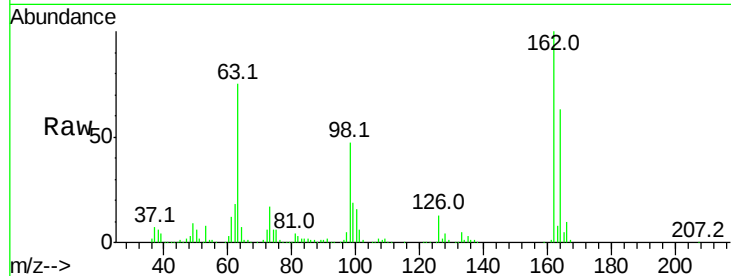
ClientSampleId :

CDMSH4MS

Tot Ion:	162	Resp:	616331
Ion Ratio	Lower	Upper	
162	100		
164	63.1	43.3	83.3
98	47.3	22.9	62.9

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#30

1,2,4-Trichlorobenzene

Concen: 41.05 ng

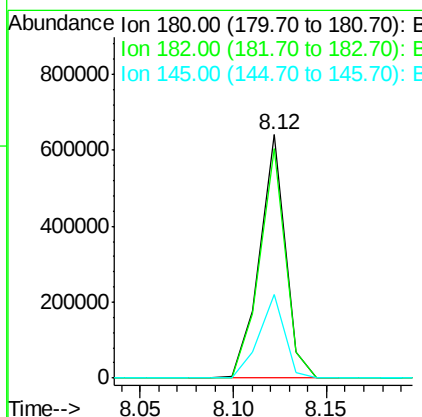
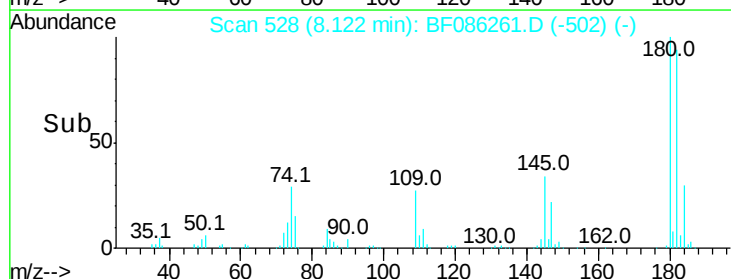
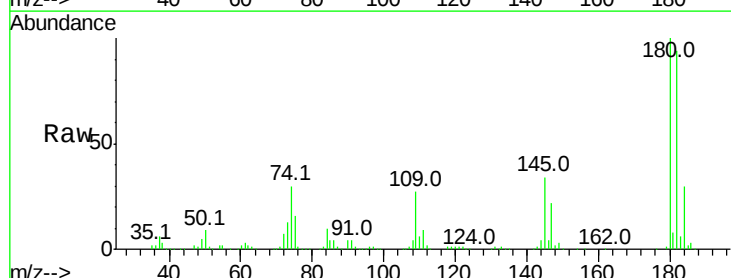
RT: 8.12 min Scan# 528

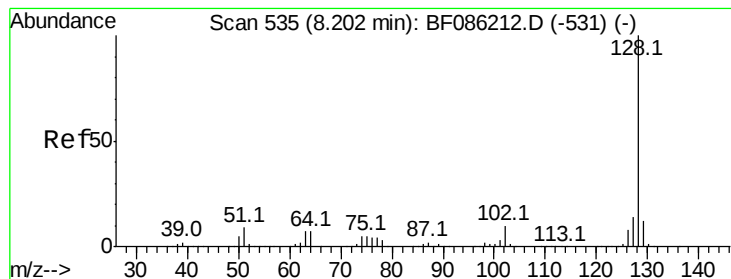
Delta R.T. 0.00 min

Lab File: BF086261.D

Acq: 16 Apr 2016 13:02

Tgt Ion:	180	Resp:	611716
Ion Ratio	Lower	Upper	
180	100		
182	94.5	76.3	114.5
145	34.1	27.4	41.2





#31

Naphthalene

Concen: 41.06 ng

RT: 8.20 min Scan# 535

Delta R.T. 0.00 min

Lab File: BF086261.D

Acq: 16 Apr 2016 13:02

Instrument :

BNA_F

ClientSampleId :

CDMSH4MS

Tot Ion:128 Resp: 2057422

Ion Ratio Lower Upper

128 100

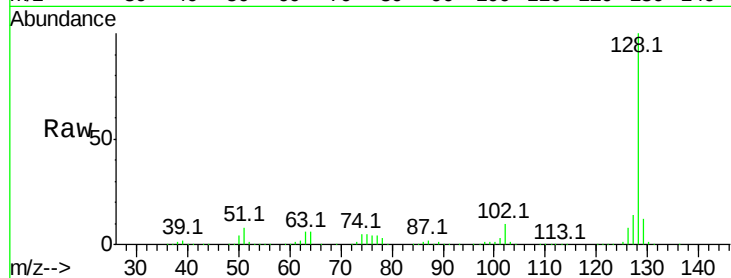
129 11.8 9.6 14.4

127 14.2 11.4 17.2

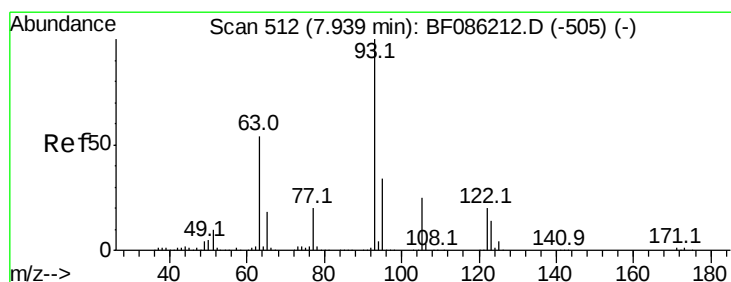
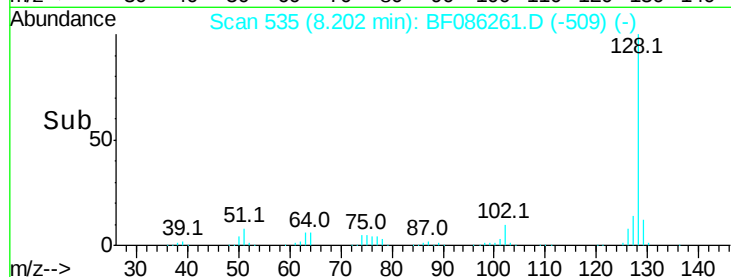
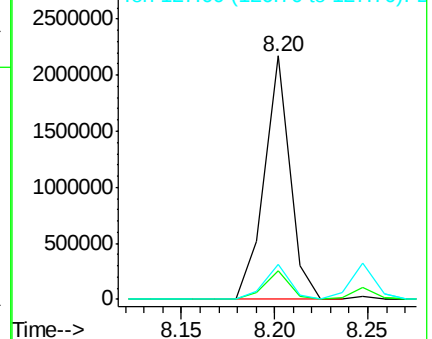
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 5.70 ng

RT: 7.89 min Scan# 508

Delta R.T. -0.05 min

Lab File: BF086261.D

Acq: 16 Apr 2016 13:02

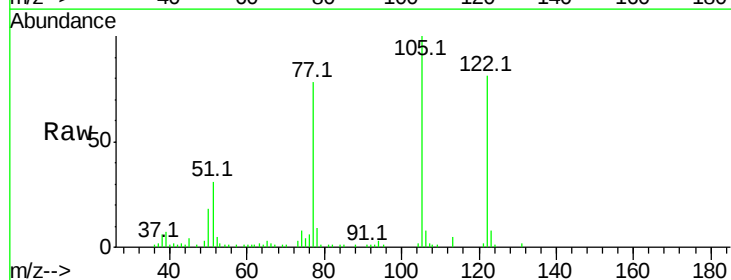
Tgt Ion:122 Resp: 68246

Ion Ratio Lower Upper

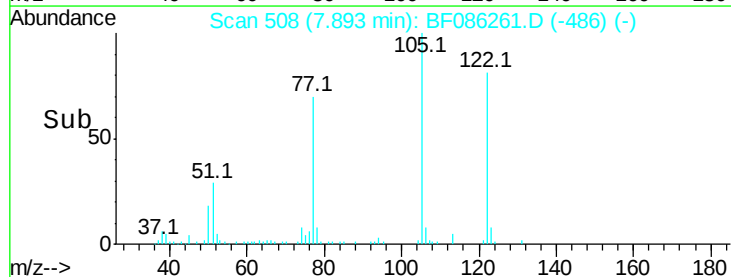
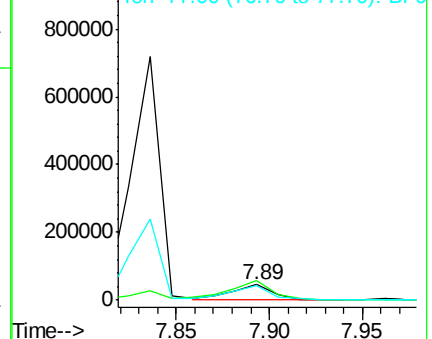
122 100

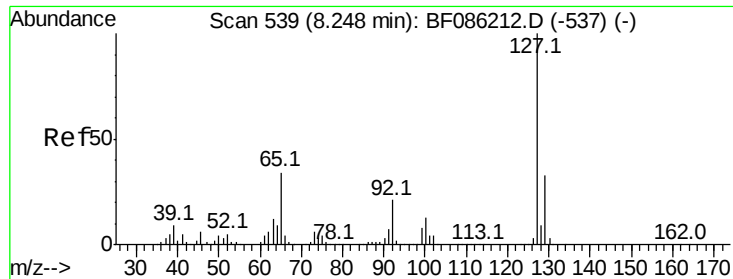
105 123.5 103.7 143.7

77 95.8 74.9 114.9



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





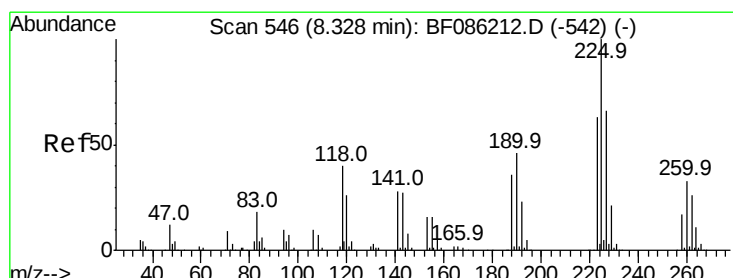
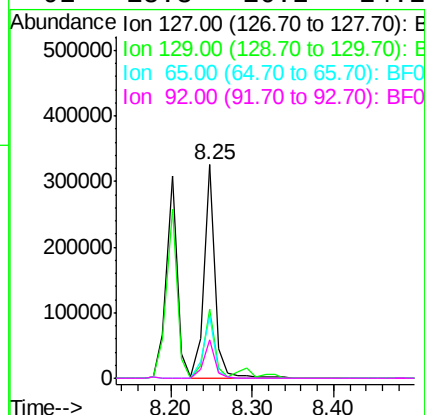
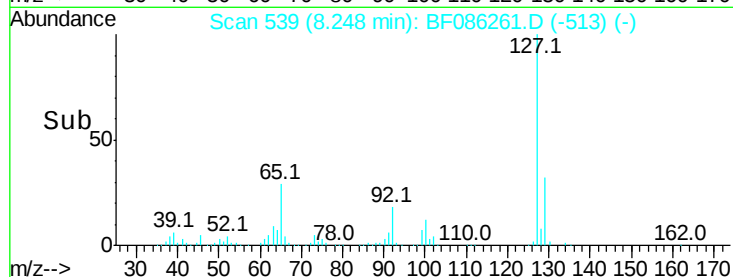
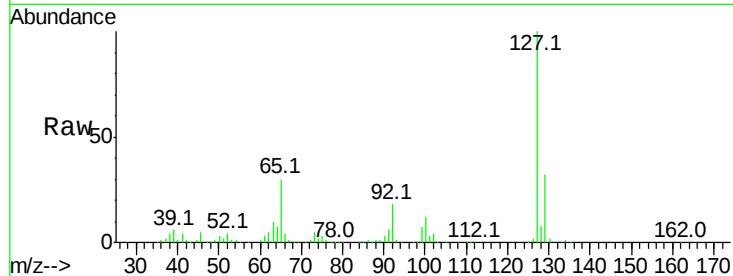
#33
4-Chloroaniline
Concen: 13.96 ng
RT: 8.25 min Scan# 539
Delta R.T. 0.00 min
Lab File: BF086261.D
Acq: 16 Apr 2016 13:02

Instrument :
BNA_F
ClientSampleId :
CDMSH4MS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.4	26.8	40.2	
65	29.5	27.1	40.7	
92	18.3	16.2	24.2	

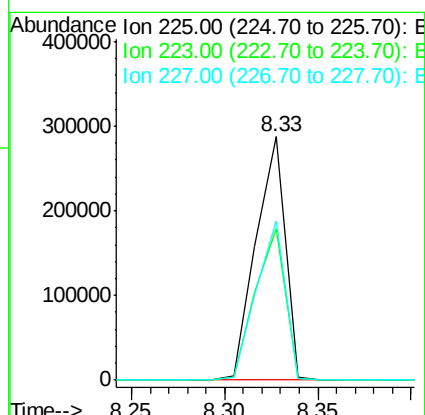
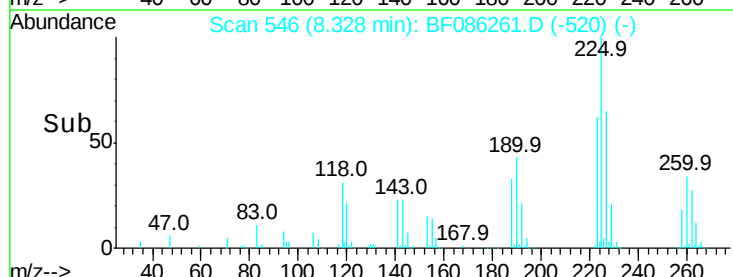
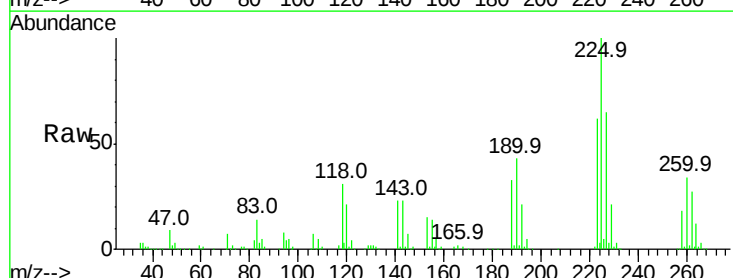
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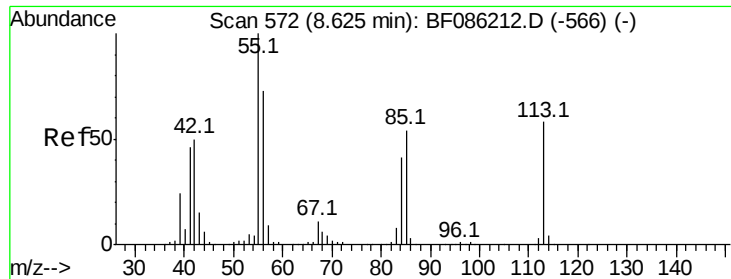
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#34
Hexachlorobutadiene
Concen: 41.76 ng
RT: 8.33 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF086261.D
Acq: 16 Apr 2016 13:02

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.1	49.4	74.0	
227	65.4	51.1	76.7	





#35

Caprolactam

Concen: 45.42 ng/ml

RT: 8.61 min Scan# 571

Delta R.T. -0.01 min

Lab File: BF086261.D

Acq: 16 Apr 2016 13:02

Instrument :

BNA_F

ClientSampleId :

CDMSH4MS

Tot Ion:113 Resp: 234152
Ion Ratio Lower Upper

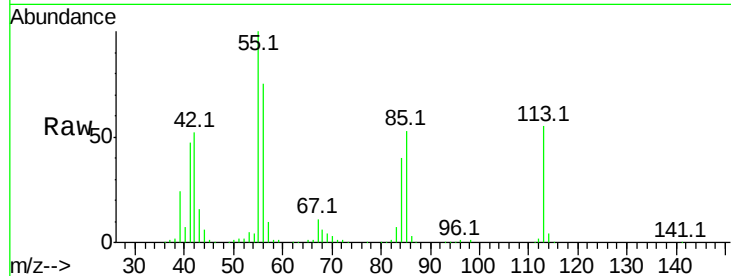
113 100

55 182.1 117.5 157.5#

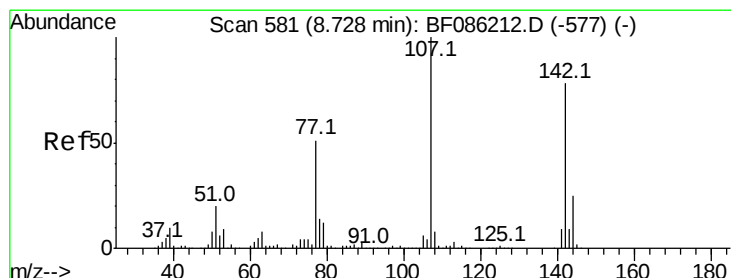
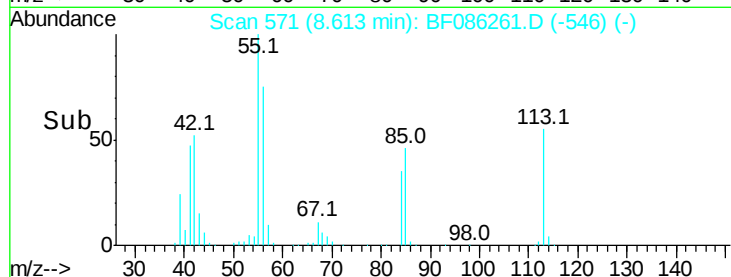
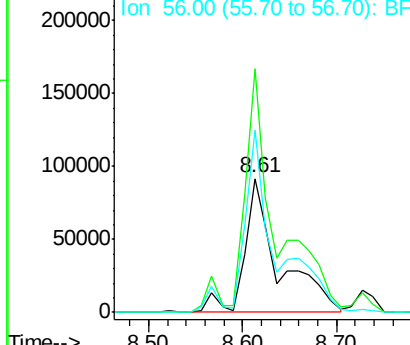
56 136.2 82.5 122.5#

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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: 44.06 ng/ml

RT: 8.73 min Scan# 581

Delta R.T. 0.00 min

Lab File: BF086261.D

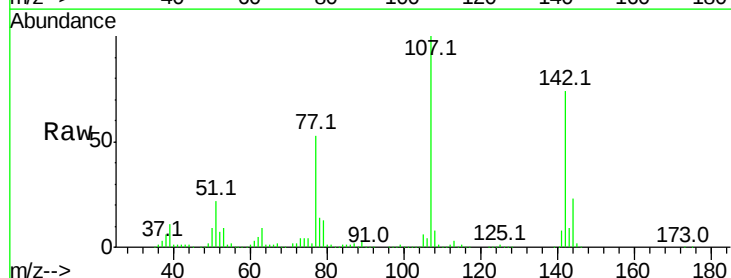
Acq: 16 Apr 2016 13:02

Tgt Ion:107 Resp: 727131
Ion Ratio Lower Upper

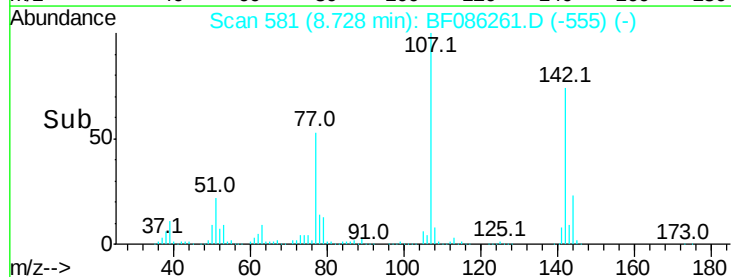
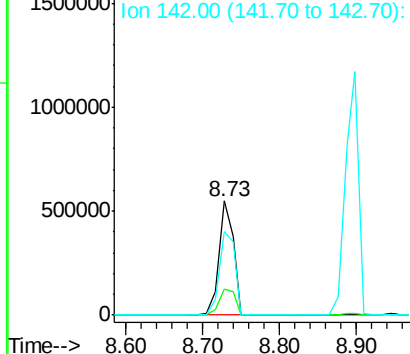
107 100

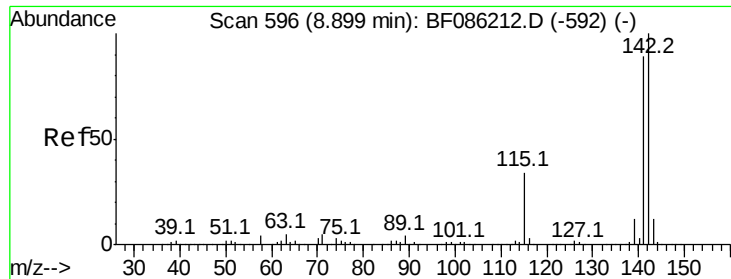
144 23.1 20.7 31.1

142 73.8 64.5 96.7



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





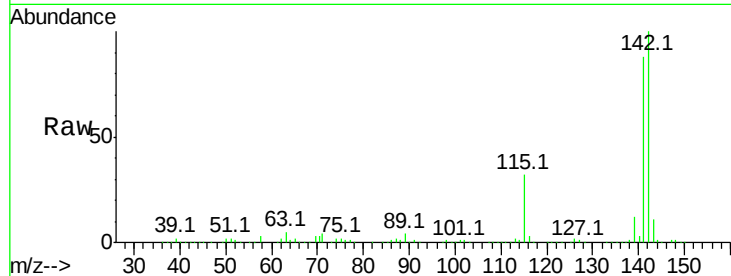
#37
2-Methylnaphthalene
Concen: 44.18 ng
RT: 8.90 min Scan# 596
Delta R.T. 0.00 min
Lab File: BF086261.D
Acq: 16 Apr 2016 13:02

Instrument :
BNA_F
ClientSampleId :
CDMSH4MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	71.1	106.7
115	31.6	25.1	37.7

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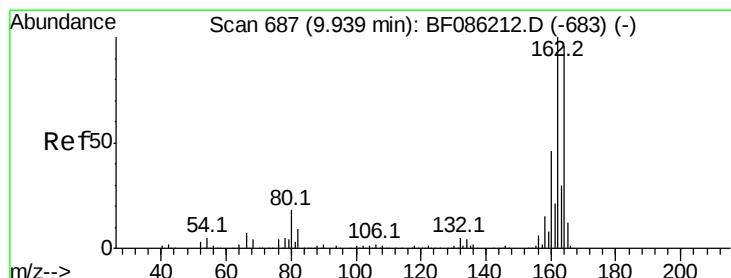
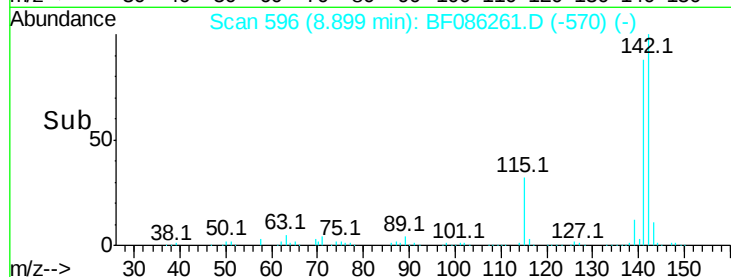
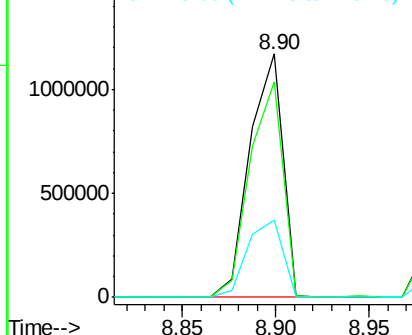


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF086261.D
Acq: 16 Apr 2016 13:02

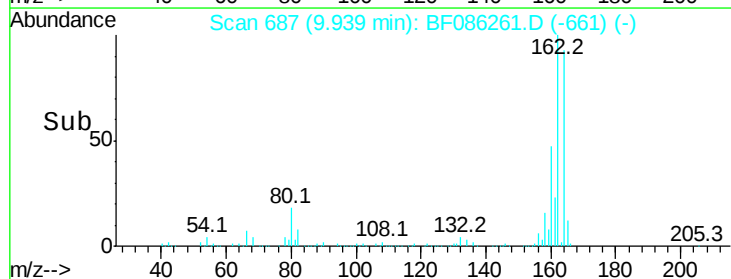
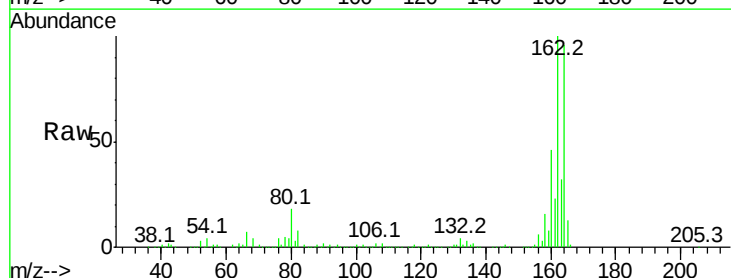
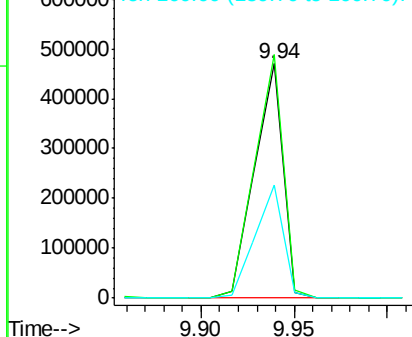
Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.0	82.8	124.2
160	48.3	38.9	58.3

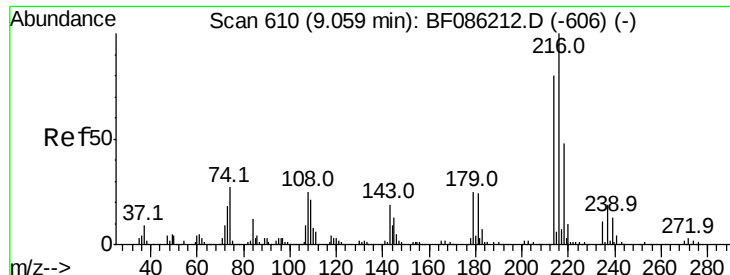
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.33 ng

RT: 9.06 min Scan# 610

Delta R.T. 0.00 min

Lab File: BF086261.D

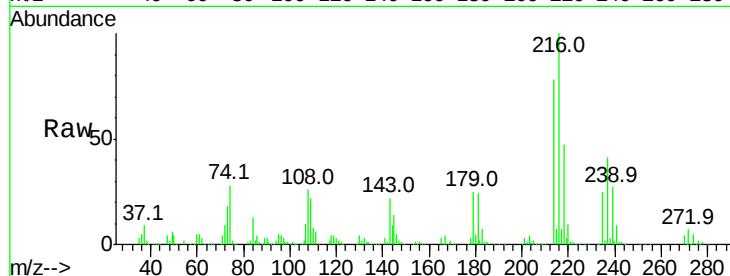
Acq: 16 Apr 2016 13:02

Instrument :

BNA_F

ClientSampleId :

CDMSH4MS



Tot Ion:216 Resp: 453382

Ion Ratio Lower Upper

216 100

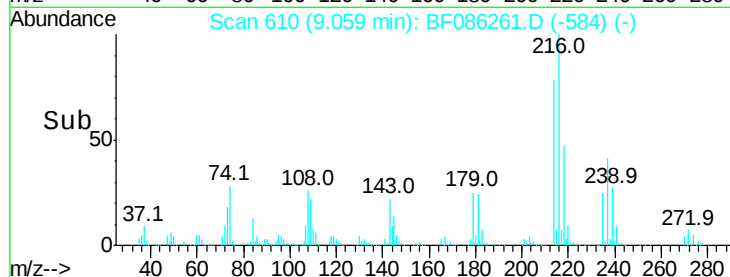
214 78.0 64.9 97.3

179 23.2 19.8 29.6

108 27.1 21.0 31.4

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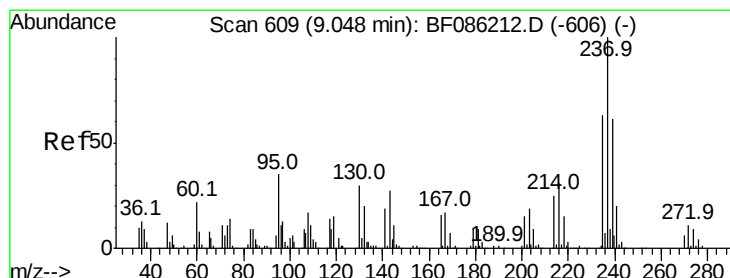
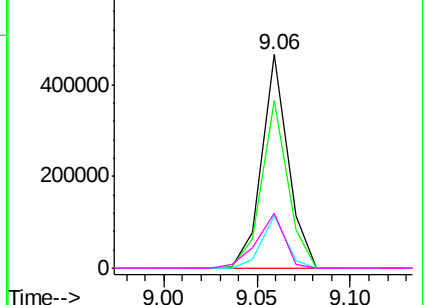


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 77.44 ng

RT: 9.05 min Scan# 609

Delta R.T. 0.00 min

Lab File: BF086261.D

Acq: 16 Apr 2016 13:02

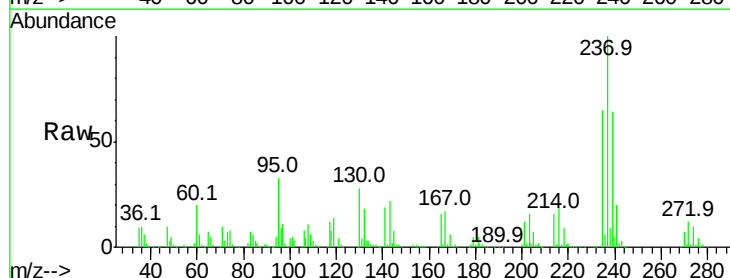
Tgt Ion:237 Resp: 457730

Ion Ratio Lower Upper

237 100

235 64.6 44.0 84.0

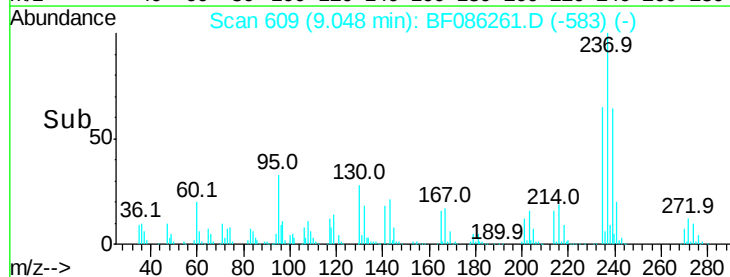
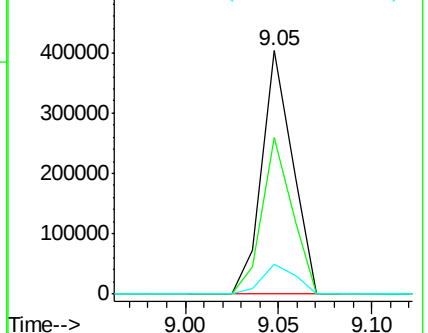
272 12.4 0.0 32.4

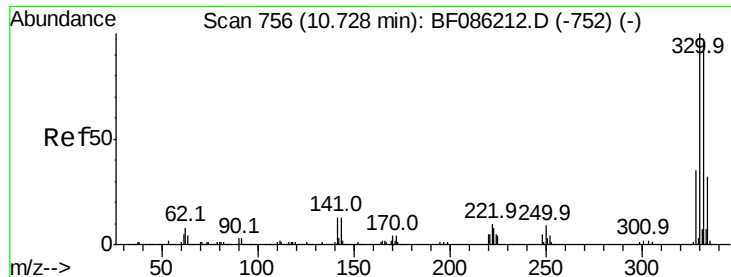


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





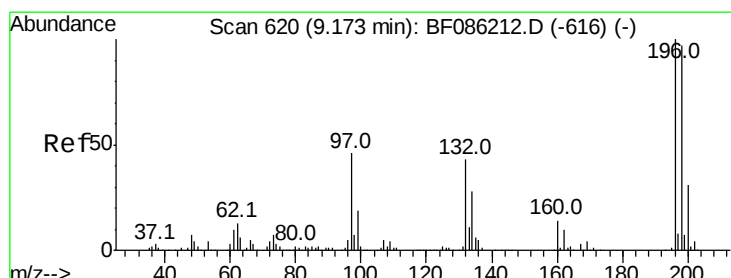
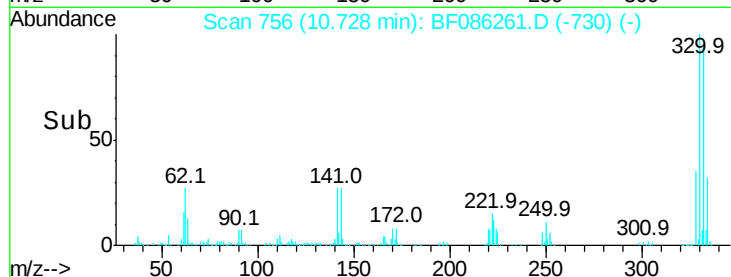
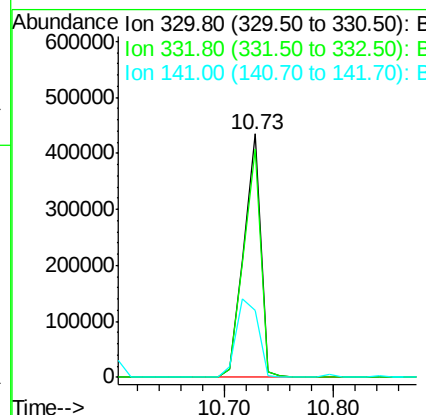
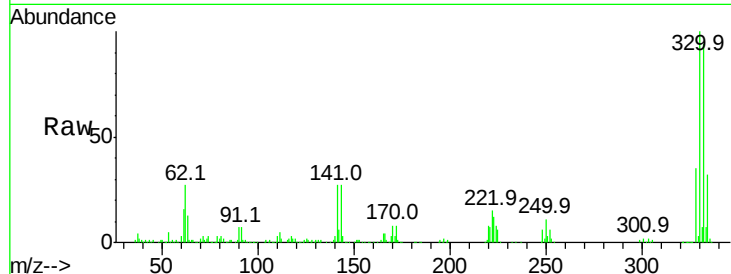
#41
 2,4,6-Tribromophenol
 Concen: 115.18 ng
 RT: 10.73 min Scan# 756
 Delta R.T. 0.00 min
 Lab File: BF086261.D
 Acq: 16 Apr 2016 13:02

Instrument :
 BNA_F
 ClientSampleId :
 CDMSH4MS

Tot Ion:	330	Resp:	463791
Ion Ratio	Lower	Upper	
330	100		
332	95.1	78.7	118.1
141	42.1	28.6	42.8

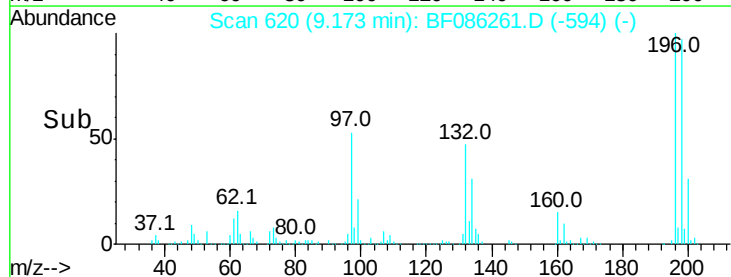
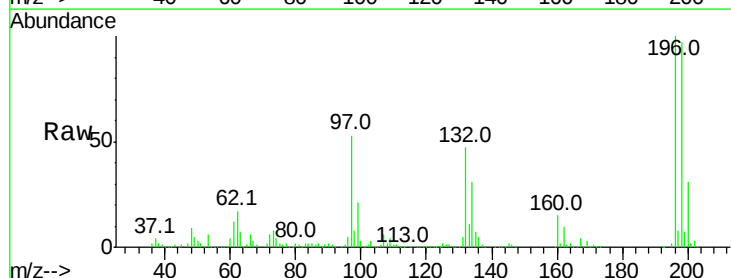
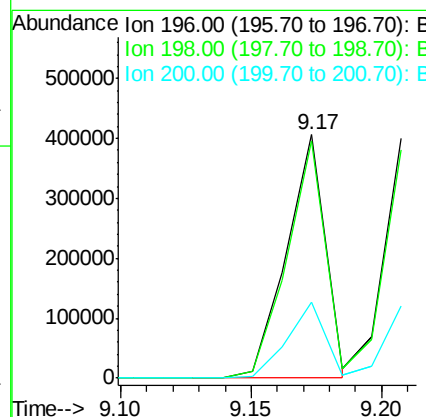
Manual Integrations
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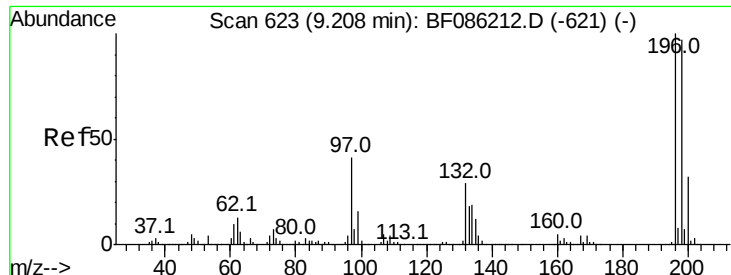
Sohil
 4/18/2016 7:33:29 PM



#42
 2,4,6-Trichlorophenol
 Concen: 42.38 ng
 RT: 9.17 min Scan# 620
 Delta R.T. 0.00 min
 Lab File: BF086261.D
 Acq: 16 Apr 2016 13:02

Tgt Ion:	196	Resp:	418654
Ion Ratio	Lower	Upper	
196	100		
198	97.3	76.6	115.0
200	31.0	25.3	37.9





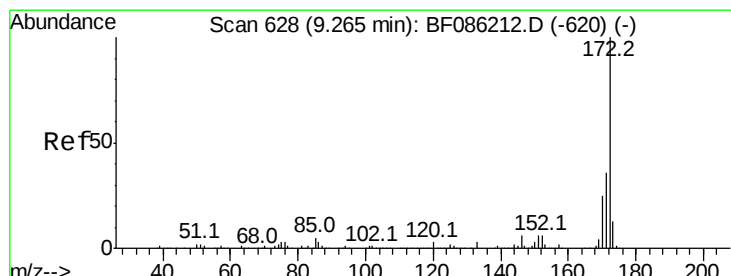
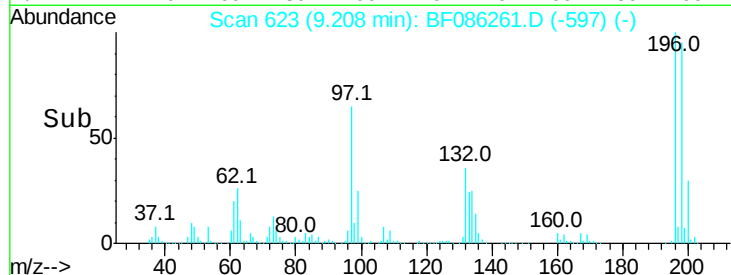
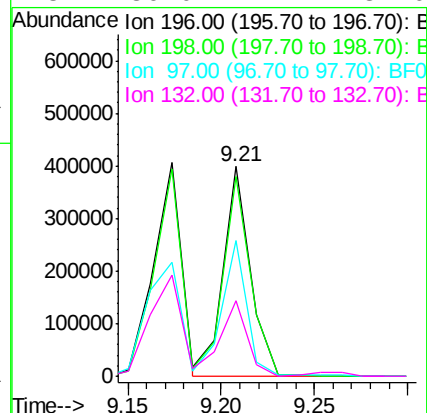
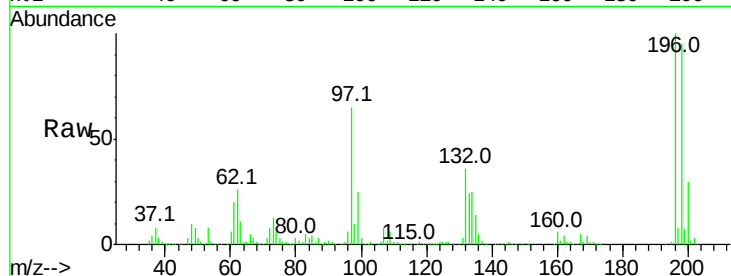
#43
 2,4,5-Trichlorophenol
 Concen: 42.27 ng
 RT: 9.21 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF086261.D
 Acq: 16 Apr 2016 13:02

Instrument :
 BNA_F
 ClientSampleId :
 CDMSH4MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	403331		
198	95.2	77.7	116.5	
97	64.7	32.6	48.8	
132	36.0	21.4	32.0	

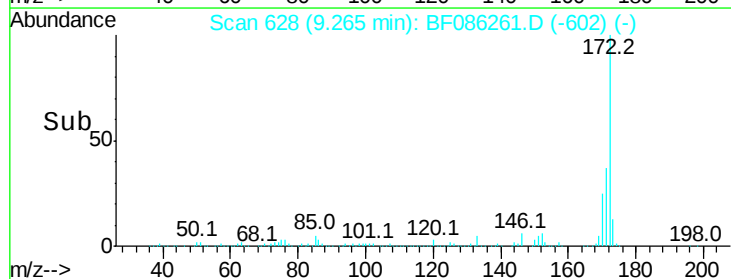
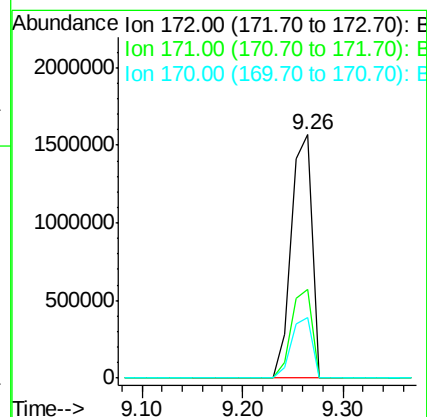
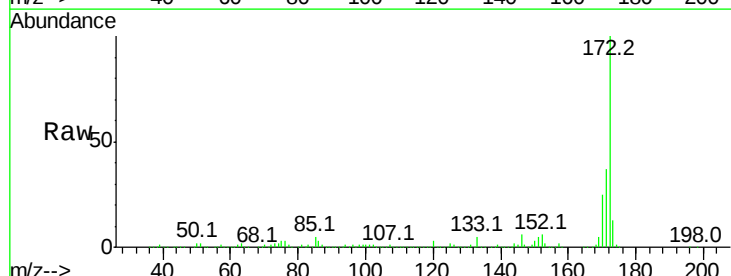
Manual Integrations
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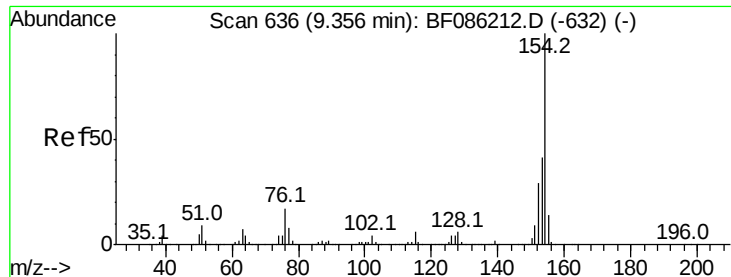
Sohil
 4/18/2016 7:33:29 PM



#44
 2-Fluorobiphenyl
 Concen: 82.50 ng
 RT: 9.26 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF086261.D
 Acq: 16 Apr 2016 13:02

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2241934		
171	36.5	29.1	43.7	
170	24.8	19.9	29.9	





#45

1,1'-Biphenyl

Concen: 40.36 ng

RT: 9.36 min Scan# 636

Delta R.T. 0.00 min

Lab File: BF086261.D

Acq: 16 Apr 2016 13:02

Instrument :

BNA_F

ClientSampleId :

CDMSH4MS

Tot Ion:154 Resp: 1456932

Ion Ratio Lower Upper

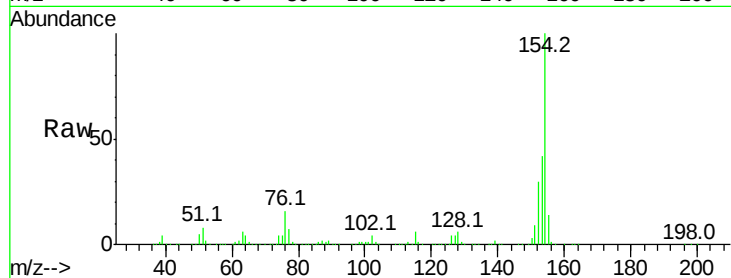
154 100

153 41.5 21.3 61.3

76 16.2 0.0 36.4

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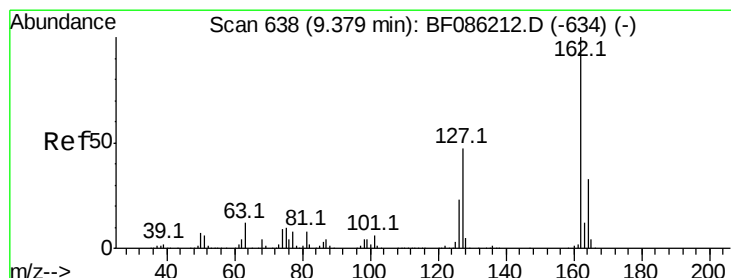
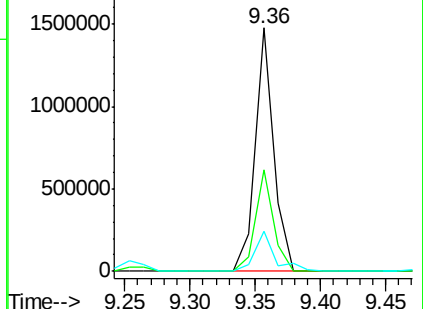
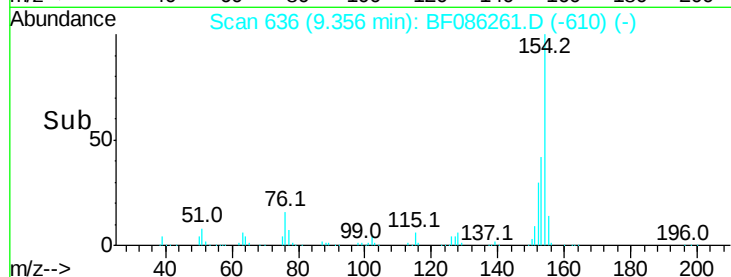
Sohil
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 40.67 ng

RT: 9.38 min Scan# 638

Delta R.T. 0.00 min

Lab File: BF086261.D

Acq: 16 Apr 2016 13:02

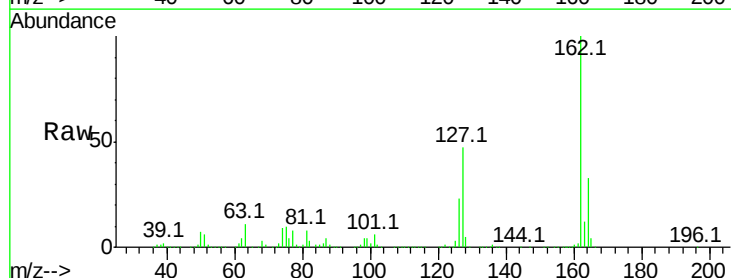
Tgt Ion:162 Resp: 1198589

Ion Ratio Lower Upper

162 100

127 46.6 36.7 55.1

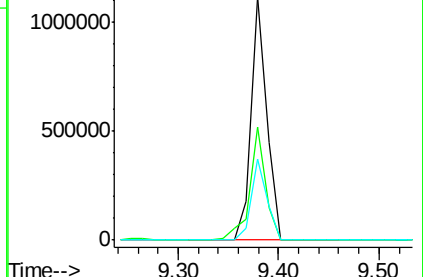
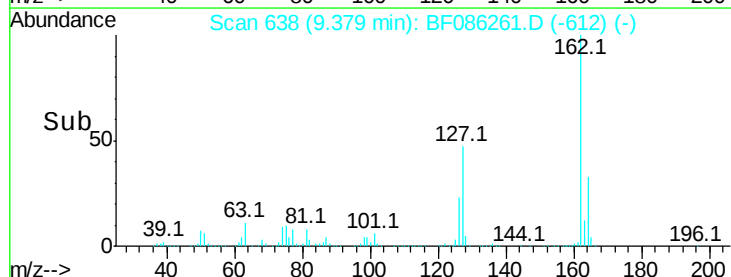
164 33.3 26.4 39.6

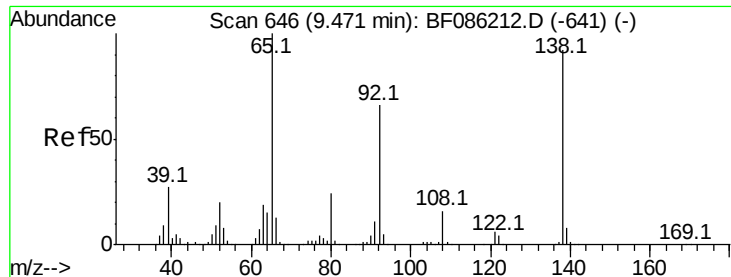


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





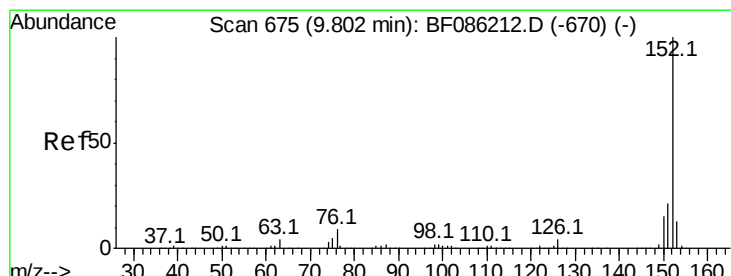
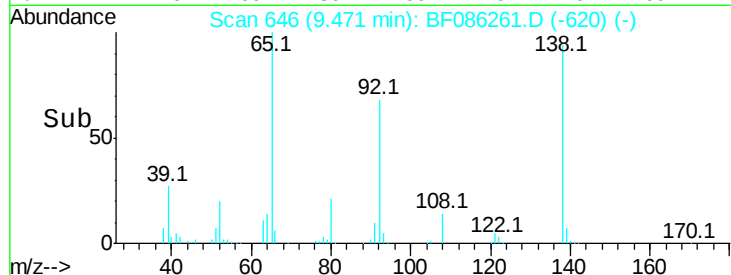
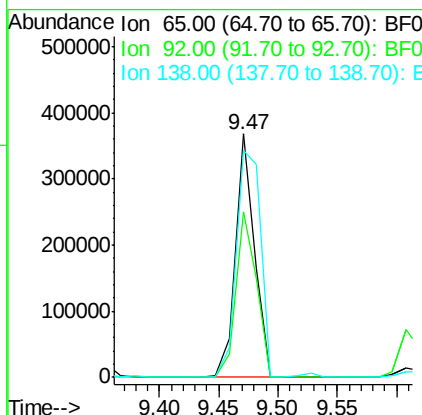
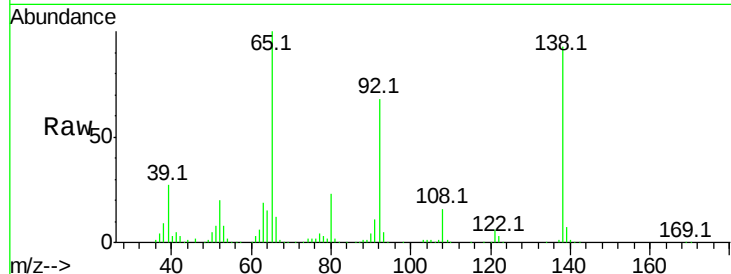
#47
2-Nitroaniline
Concen: 42.85 ng
RT: 9.47 min Scan# 646
Delta R.T. 0.00 min
Lab File: BF086261.D
Acq: 16 Apr 2016 13:02

Instrument :
BNA_F
ClientSampleId :
CDMSH4MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	67.8	51.9	77.9
138	93.4	72.6	108.8

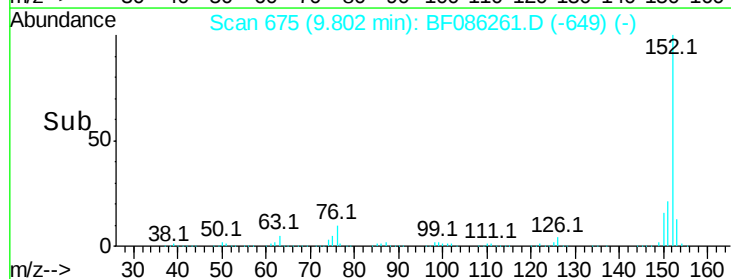
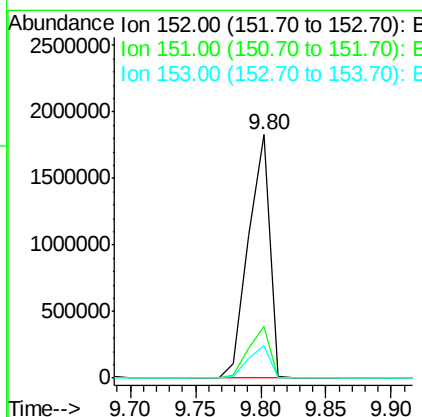
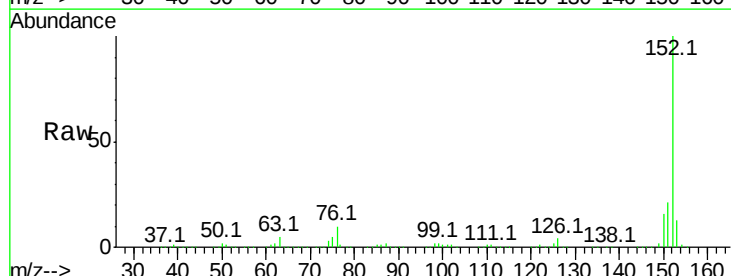
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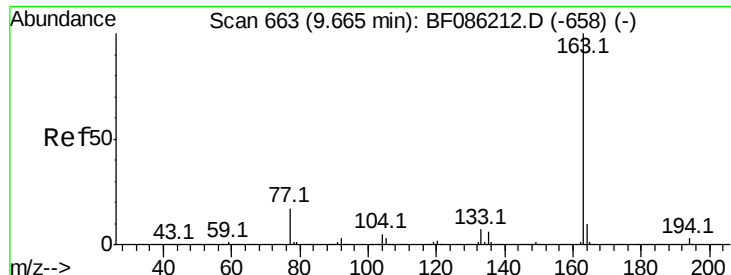
Sohil
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#48
Acenaphthylene
Concen: 44.31 ng
RT: 9.80 min Scan# 675
Delta R.T. 0.00 min
Lab File: BF086261.D
Acq: 16 Apr 2016 13:02

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.3	17.2	25.8
153	13.4	10.7	16.1





#49

Dimethylphthalate

Concen: 49.88 ng

RT: 9.66 min Scan# 663

Delta R.T. 0.00 min

Lab File: BF086261.D

Acq: 16 Apr 2016 13:02

Instrument :

BNA_F

ClientSampleId :

CDMSH4MS

Tot Ion:163 Resp: 1818815

Ion Ratio Lower Upper

163 100

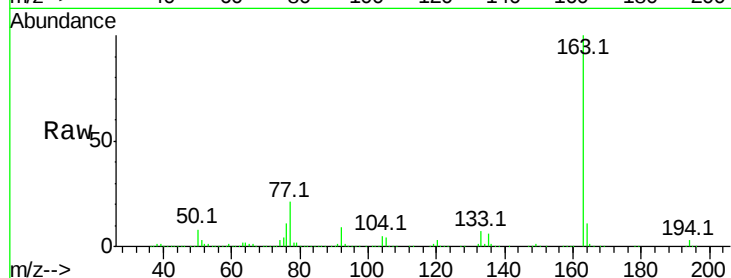
194 3.4 2.8 4.2

164 10.5 8.4 12.6

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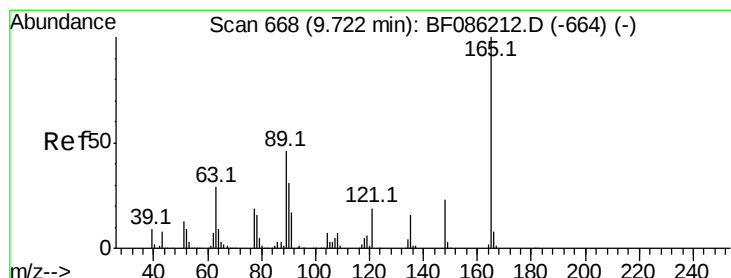
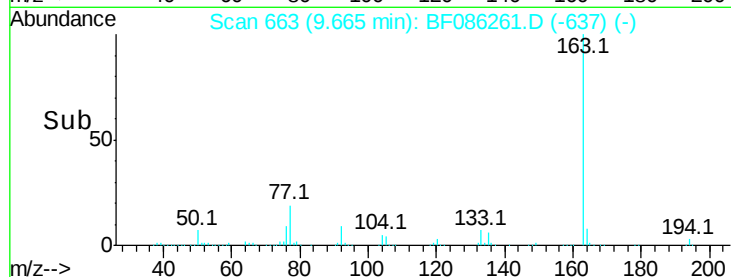
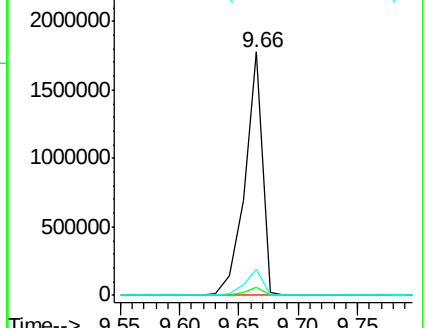
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Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 46.01 ng

RT: 9.72 min Scan# 668

Delta R.T. 0.00 min

Lab File: BF086261.D

Acq: 16 Apr 2016 13:02

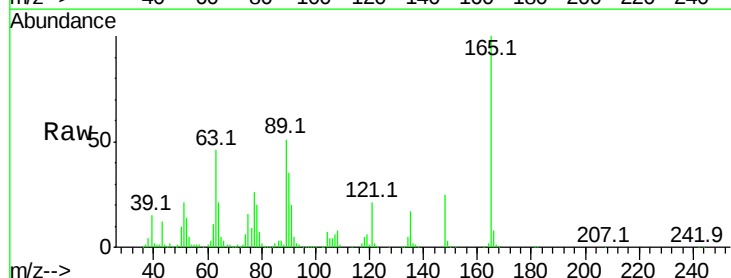
Tgt Ion:165 Resp: 371205

Ion Ratio Lower Upper

165 100

63 46.4 35.1 52.7

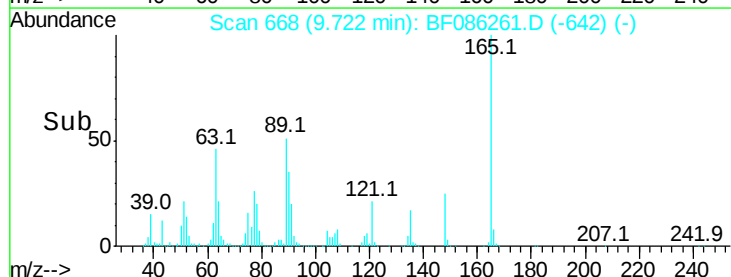
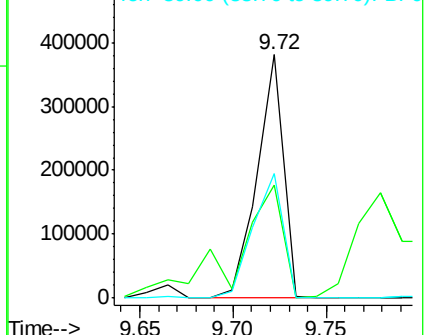
89 51.2 39.8 59.6

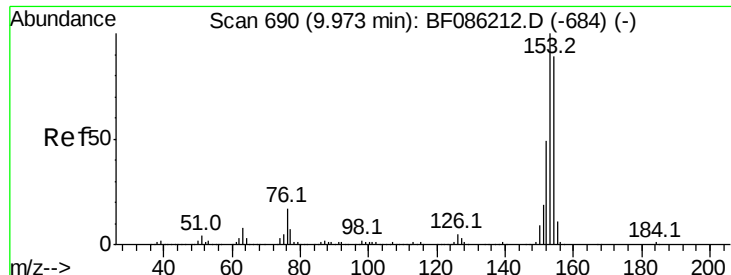


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 46.11 ng

RT: 9.97 min Scan# 690

Delta R.T. 0.00 min

Lab File: BF086261.D

Acq: 16 Apr 2016 13:02

Instrument :

BNA_F

ClientSampleId :

CDMSH4MS

Tot Ion:154 Resp: 1291809

Ion Ratio Lower Upper

154 100

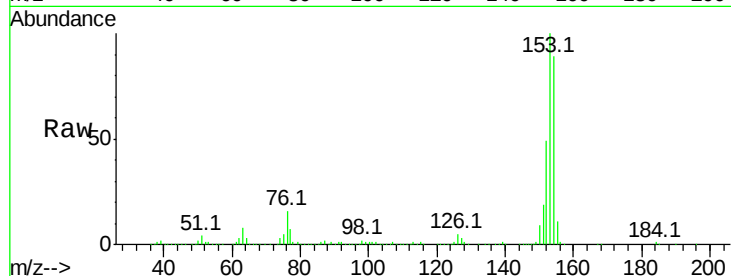
153 112.6 90.0 135.0

152 55.2 44.3 66.5

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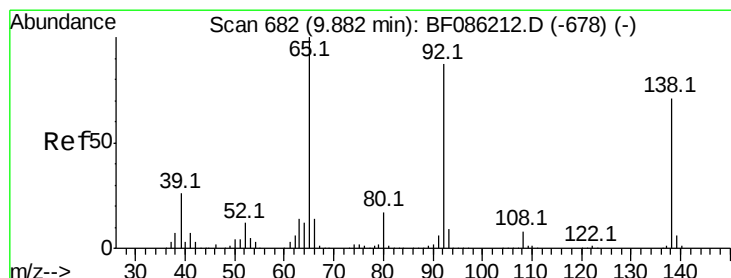
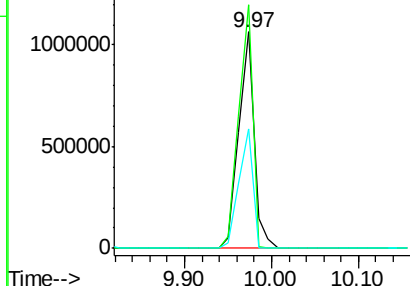
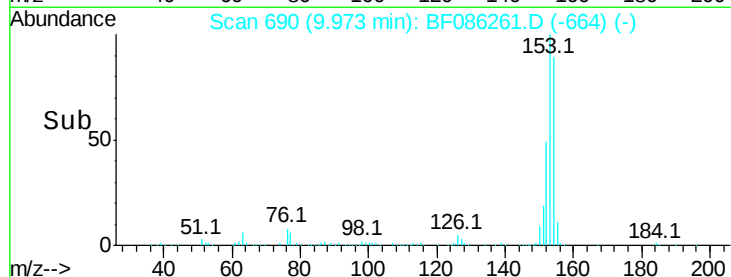
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 24.80 ng

RT: 9.88 min Scan# 682

Delta R.T. 0.00 min

Lab File: BF086261.D

Acq: 16 Apr 2016 13:02

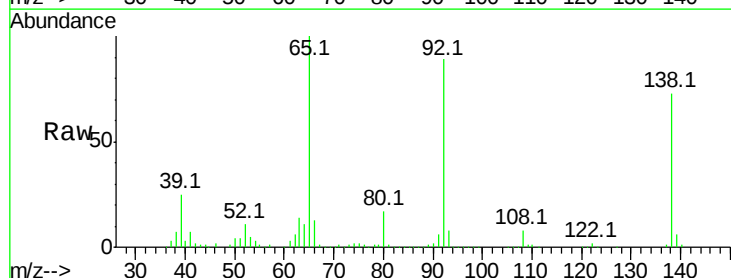
Tgt Ion:138 Resp: 243162

Ion Ratio Lower Upper

138 100

108 10.8 9.0 13.4

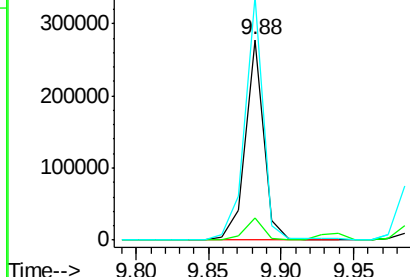
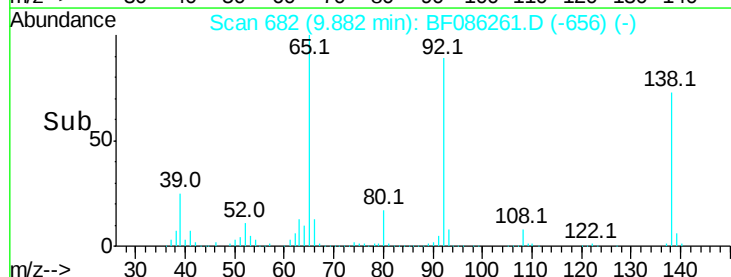
92 121.5 99.3 148.9

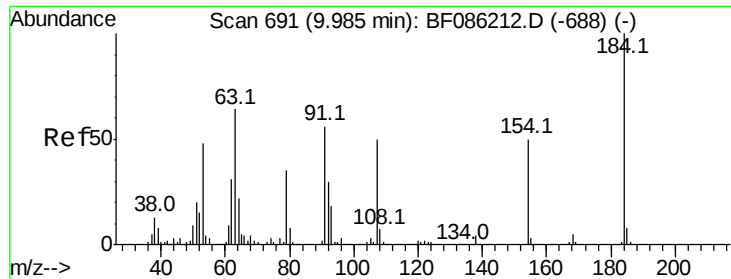


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





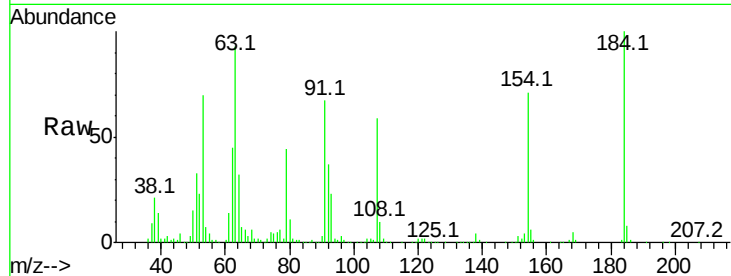
#53
 2,4-Dinitrophenol
 Concen: 71.21 ng
 RT: 9.98 min Scan# 691
 Delta R.T. 0.00 min
 Lab File: BF086261.D
 Acq: 16 Apr 2016 13:02

Instrument :
 BNA_F
 ClientSampleId :
 CDMSH4MS

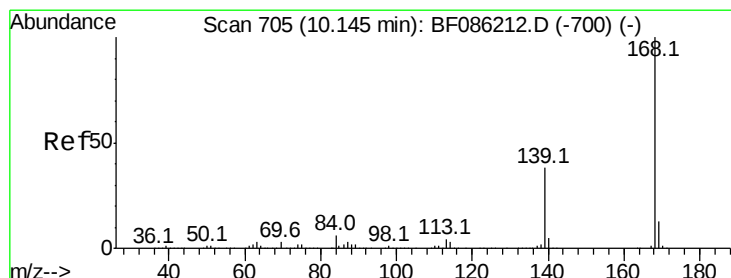
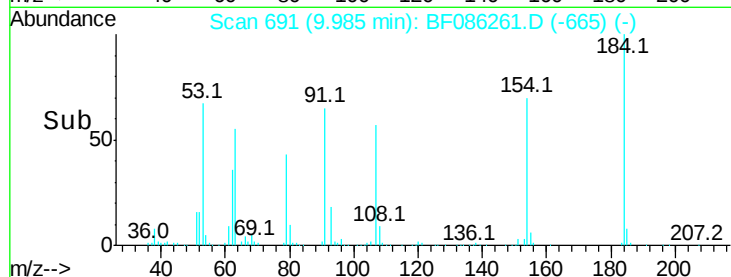
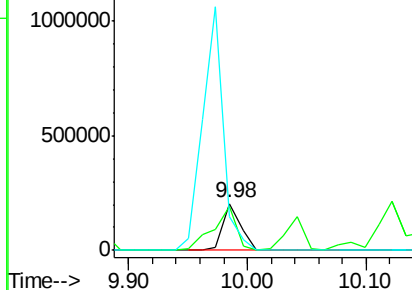
Tot Ion	Ratio	Resp	Lower	Upper
184	100	211200		
63	92.7	64.7	97.1	
154	70.6	59.4	89.2	

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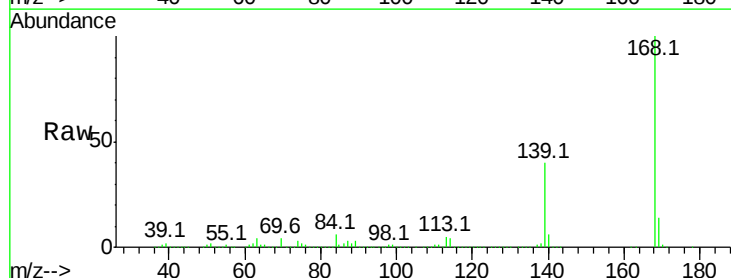


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

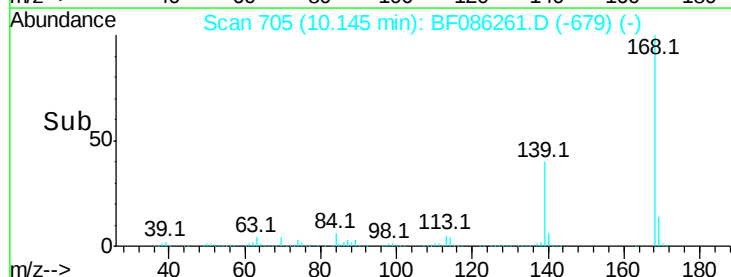
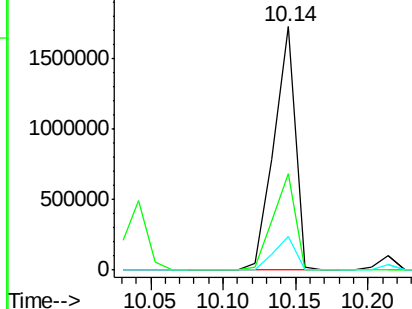


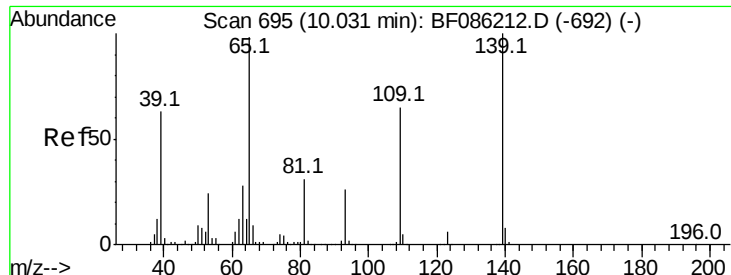
#54
 Dibenzofuran
 Concen: 47.76 ng
 RT: 10.14 min Scan# 705
 Delta R.T. 0.00 min
 Lab File: BF086261.D
 Acq: 16 Apr 2016 13:02

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1767020		
139	39.7	29.5	44.3	
169	13.8	10.6	16.0	



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E





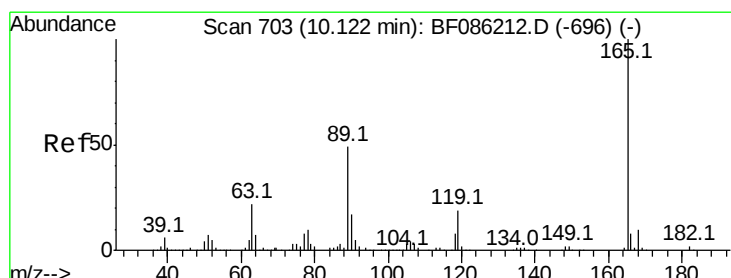
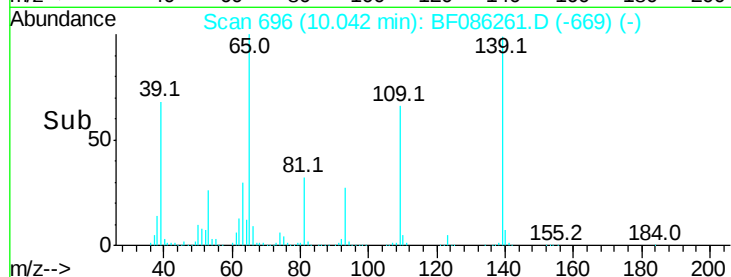
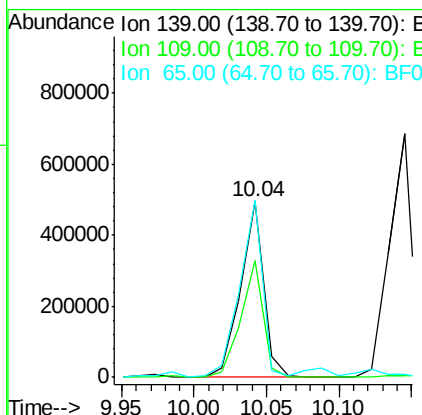
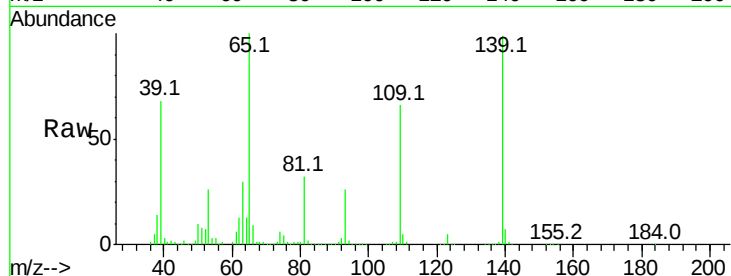
#55
4-Nitrophenol
Concen: 71.44 ng
RT: 10.04 min Scan# 696
Delta R.T. 0.01 min
Lab File: BF086261.D
Acq: 16 Apr 2016 13:02

Instrument :
BNA_F
ClientSampleId :
CDMSH4MS

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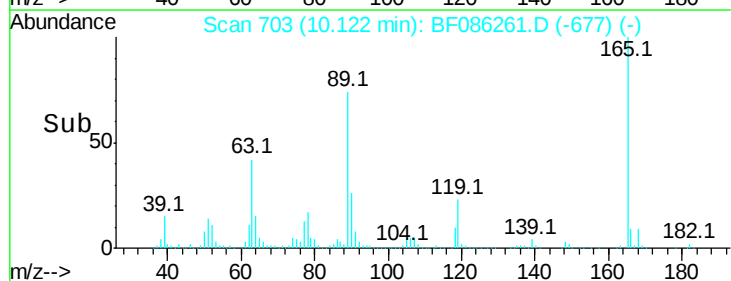
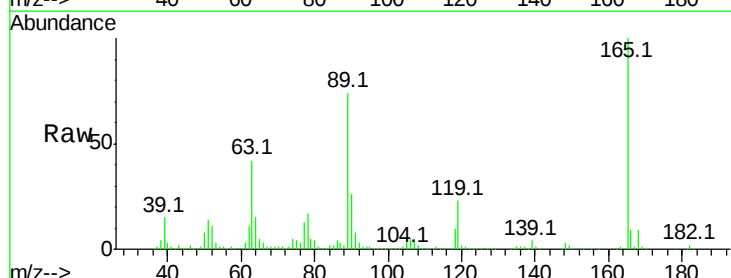
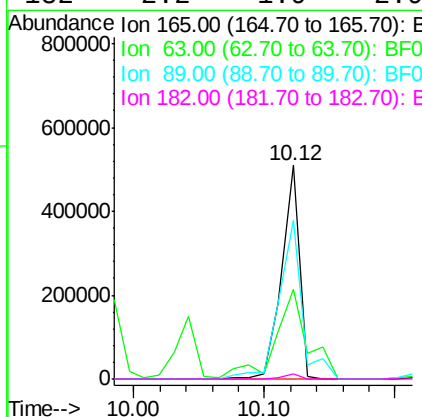
Sohil
4/18/2016 7:33:29 PM

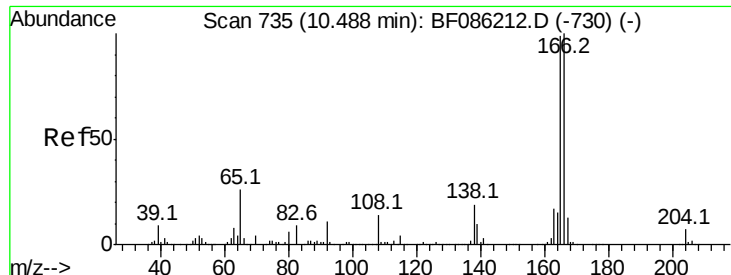
Tot Ion	Ratio	Lower	Upper
139	100		
109	66.6	55.0	95.0
65	101.0	87.3	127.3



#56
2,4-Dinitrotoluene
Concen: 47.36 ng
RT: 10.12 min Scan# 703
Delta R.T. 0.00 min
Lab File: BF086261.D
Acq: 16 Apr 2016 13:02

Tgt Ion	Ratio	Lower	Upper
165	100		
63	41.8	26.6	40.0#
89	74.3	49.5	74.3
182	2.2	1.9	2.9





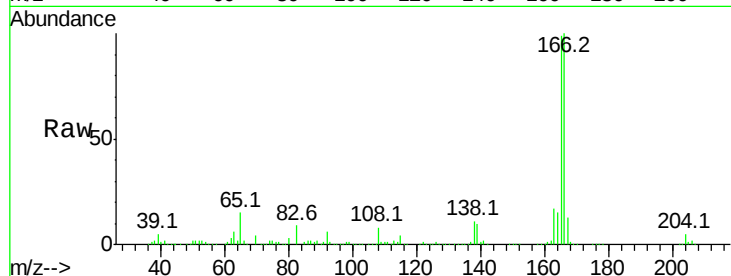
#57
 Fluorene
 Concen: 46.69 ng
 RT: 10.49 min Scan# 735
 Delta R.T. 0.00 min
 Lab File: BF086261.D
 Acq: 16 Apr 2016 13:02

Instrument :
 BNA_F
 ClientSampleId :
 CDMSH4MS

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.3	78.6	117.8
167	13.3	10.4	15.6

Manual Integrations
 APPROVED

Sohil
 4/18/2016 7:33:29 PM

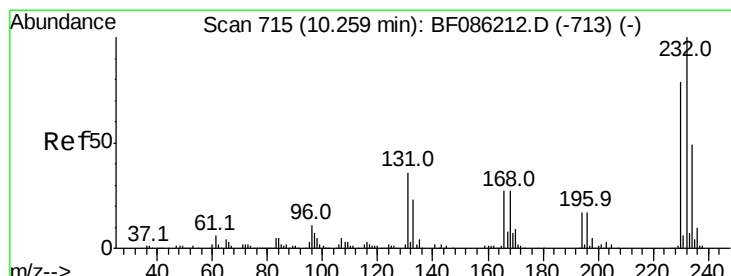
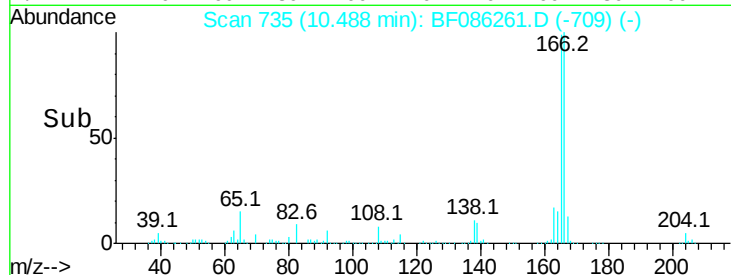
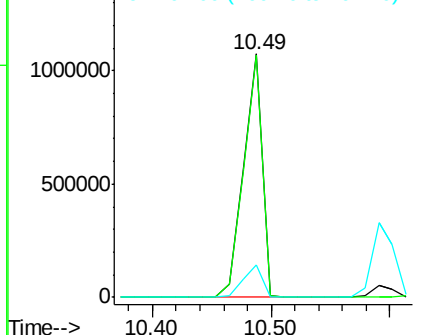


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 46.29 ng
 RT: 10.26 min Scan# 715
 Delta R.T. 0.00 min
 Lab File: BF086261.D
 Acq: 16 Apr 2016 13:02

Tgt Ion	Ratio	Lower	Upper
232	100		
131	59.1	46.6	70.0
130	3.1	2.5	3.7
166	37.1	28.3	42.5

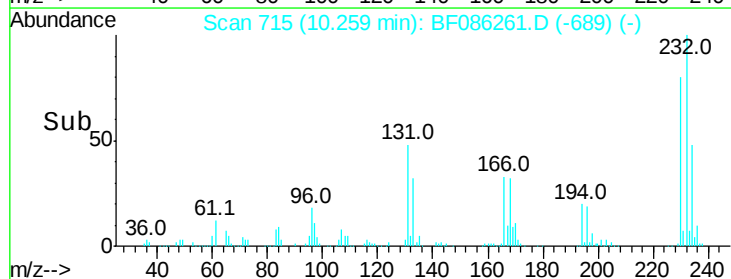
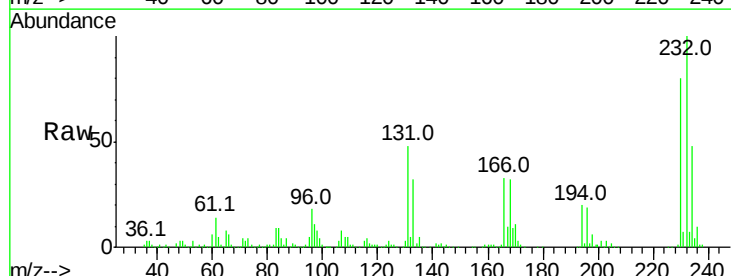
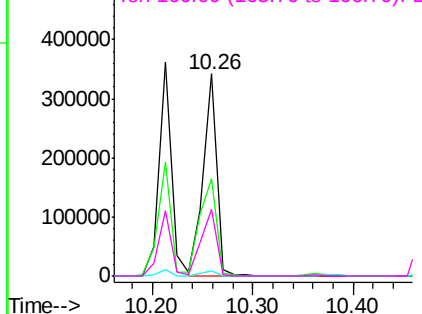
Abundance

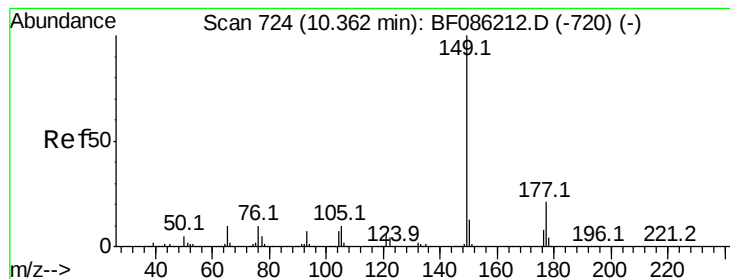
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 39.63 ng

RT: 10.36 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF086261.D

Acq: 16 Apr 2016 13:02

Instrument :

BNA_F

ClientSampleId :

CDMSH4MS

Tot Ion:149 Resp: 1491489

Ion Ratio Lower Upper

149 100

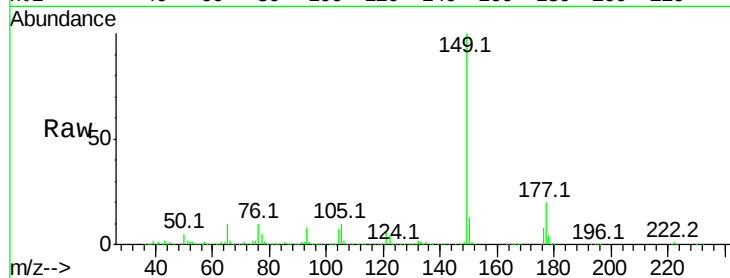
177 20.4 17.0 25.6

150 12.9 10.2 15.4

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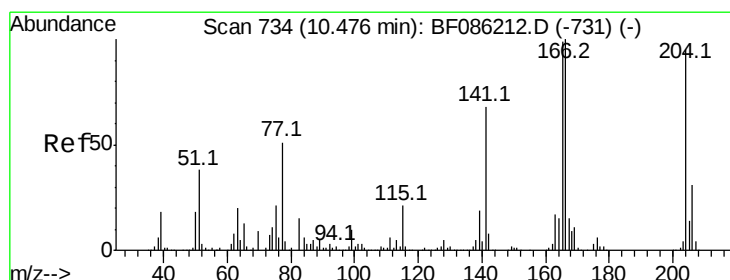
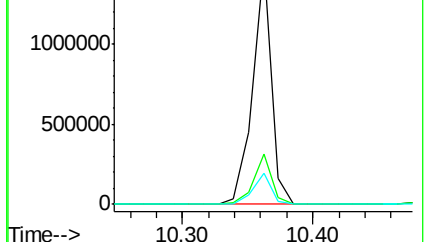
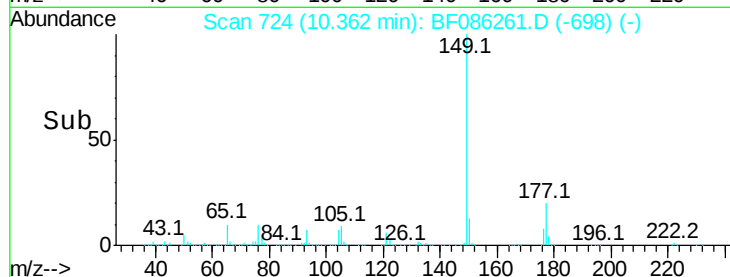
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 45.55 ng

RT: 10.48 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF086261.D

Acq: 16 Apr 2016 13:02

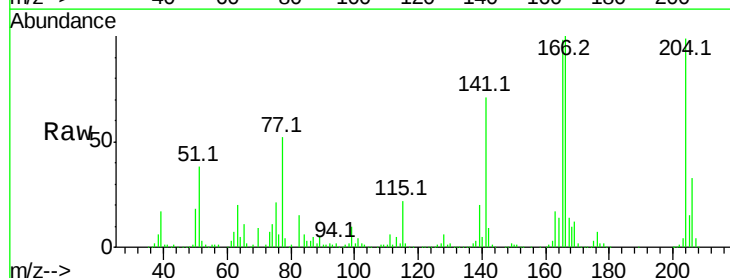
Tgt Ion:204 Resp: 478593

Ion Ratio Lower Upper

204 100

206 33.2 26.2 39.2

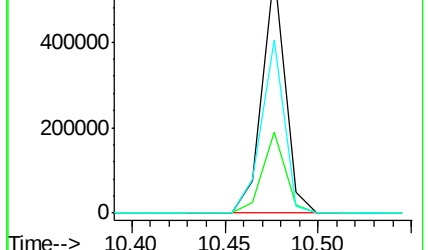
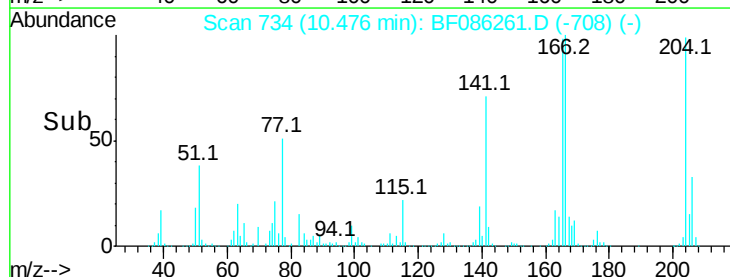
141 71.3 55.4 83.0

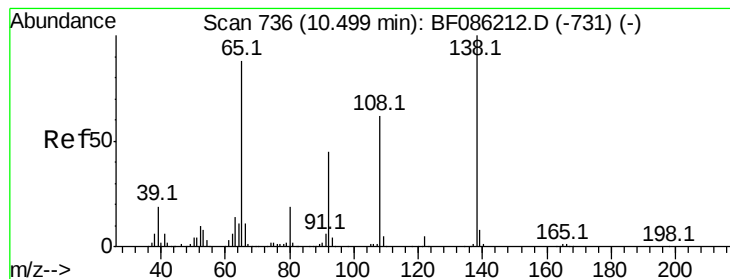


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 40.87 ng

RT: 10.50 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF086261.D

Acq: 16 Apr 2016 13:02

Instrument :

BNA_F

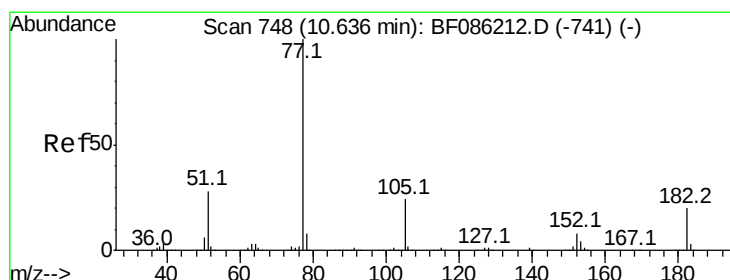
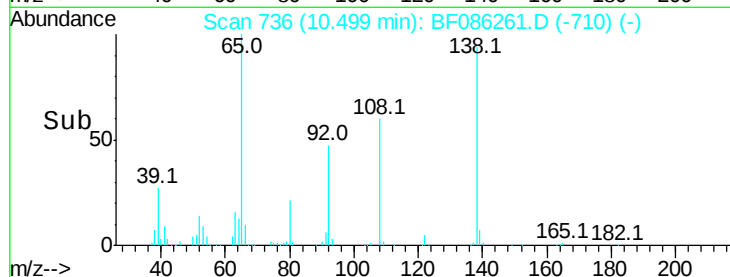
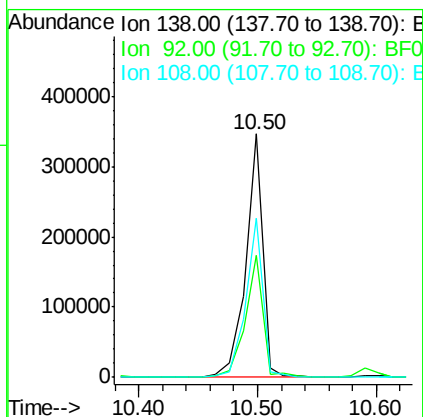
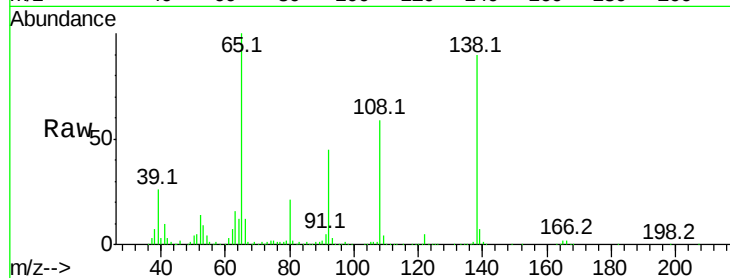
ClientSampleId :

CDMSH4MS

Tot Ion:	138	Resp:	346325
Ion Ratio	Lower	Upper	
138	100		
92	50.3	31.9	71.9
108	65.6	58.7	98.7

Manual Integrations
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#62

Azobenzene

Concen: 44.50 ng

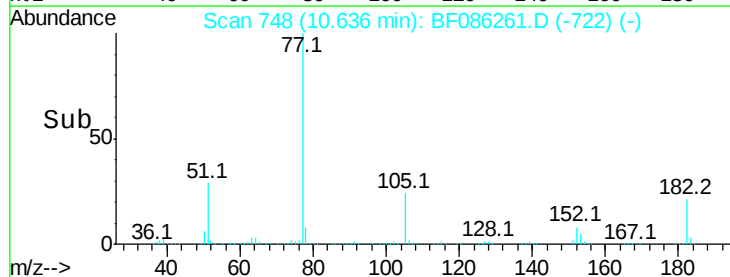
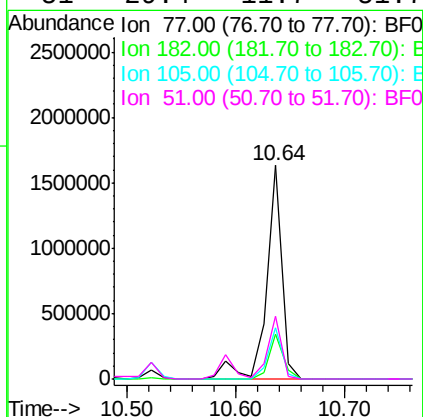
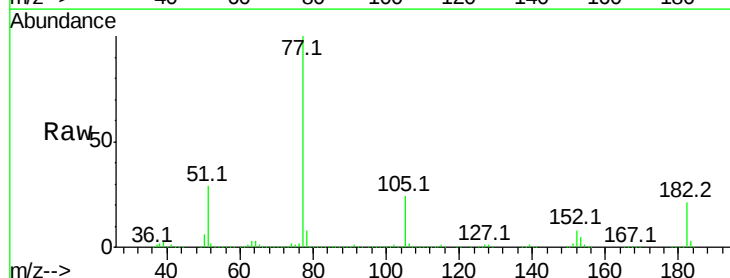
RT: 10.64 min Scan# 748

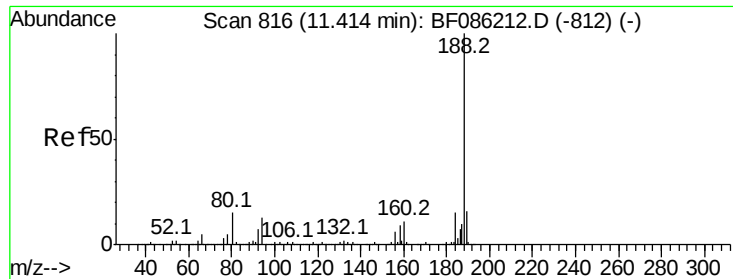
Delta R.T. 0.00 min

Lab File: BF086261.D

Acq: 16 Apr 2016 13:02

Tgt Ion:	77	Resp:	1638476
Ion Ratio	Lower	Upper	
77	100		
182	20.7	2.3	42.3
105	24.0	3.4	43.4
51	29.4	11.7	51.7





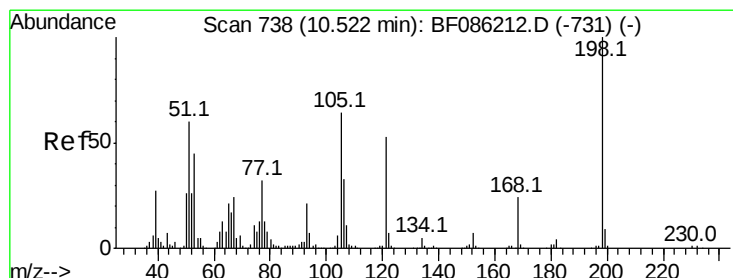
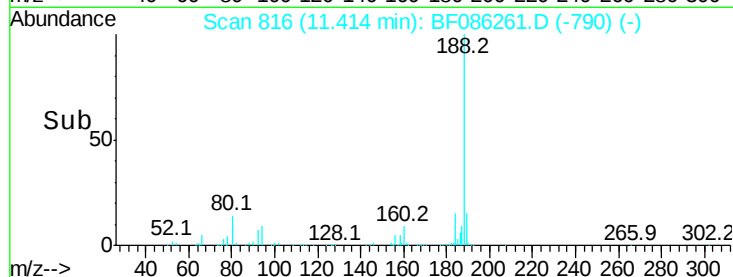
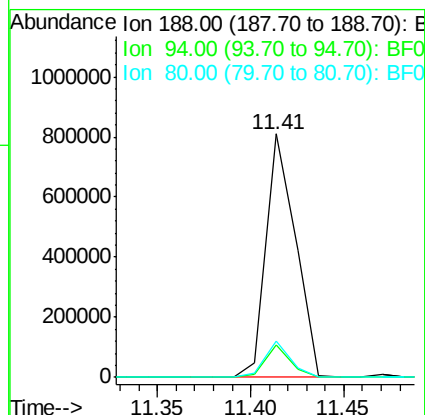
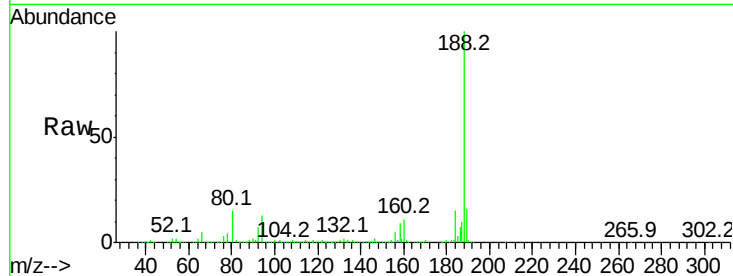
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF086261.D
Acq: 16 Apr 2016 13:02

Instrument :
BNA_F
ClientSampled :
CDMSH4MS

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	13.1	9.8	14.8	
80	14.7	10.5	15.7	

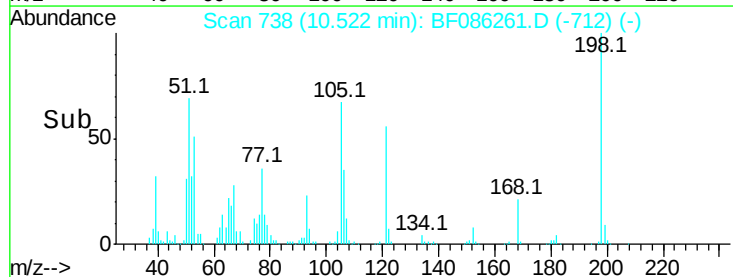
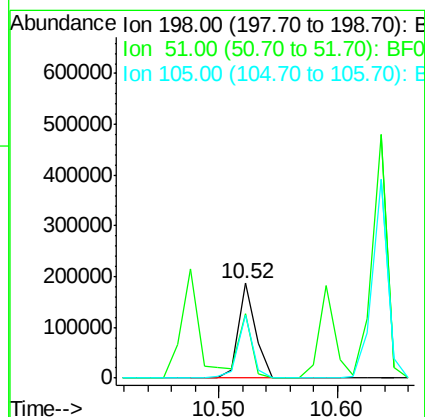
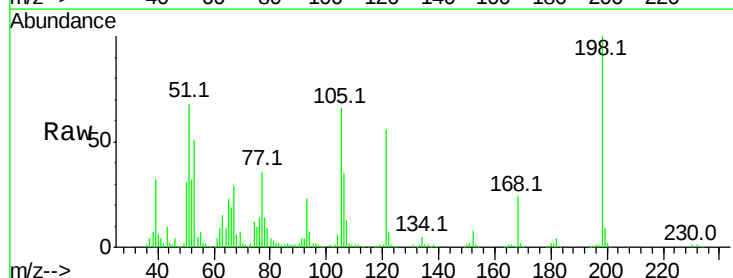
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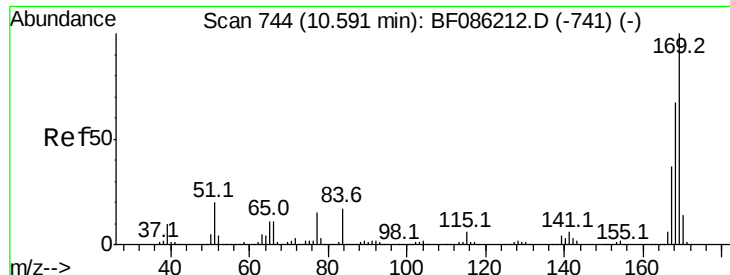
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 45.06 ng
RT: 10.52 min Scan# 738
Delta R.T. 0.00 min
Lab File: BF086261.D
Acq: 16 Apr 2016 13:02

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	68.3	56.5	96.5	
105	66.2	48.0	88.0	





#65

n-Nitrosodiphenylamine

Concen: 41.80 ng

RT: 10.59 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF086261.D

Acq: 16 Apr 2016 13:02

Instrument :

BNA_F

ClientSampleId :

CDMSH4MS

Tot Ion:169 Resp: 1128976

Ion Ratio Lower Upper

169 100

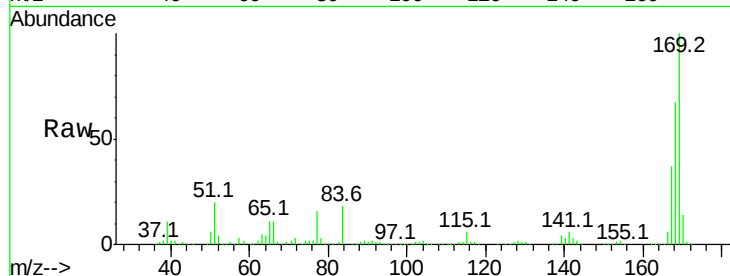
168 66.9 54.3 81.5

167 37.0 30.2 45.2

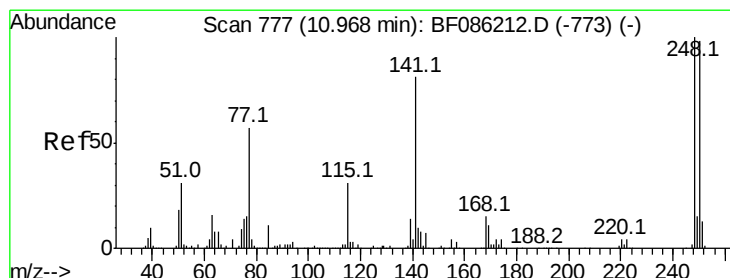
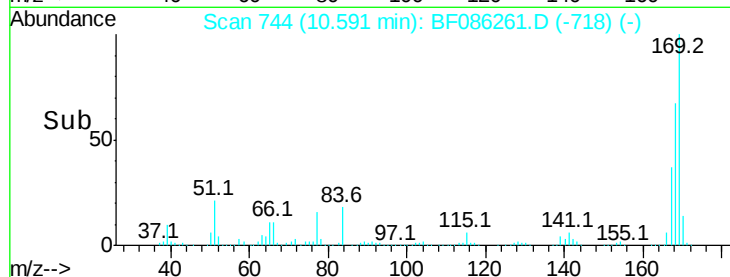
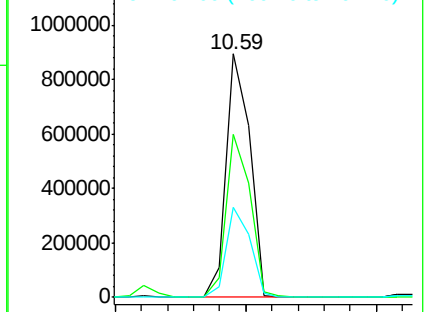
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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 41.21 ng

RT: 10.97 min Scan# 777

Delta R.T. 0.00 min

Lab File: BF086261.D

Acq: 16 Apr 2016 13:02

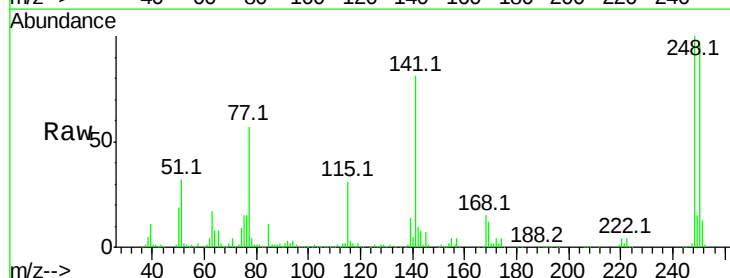
Tgt Ion:248 Resp: 338663

Ion Ratio Lower Upper

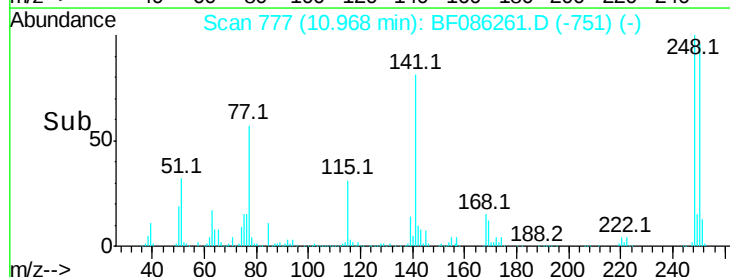
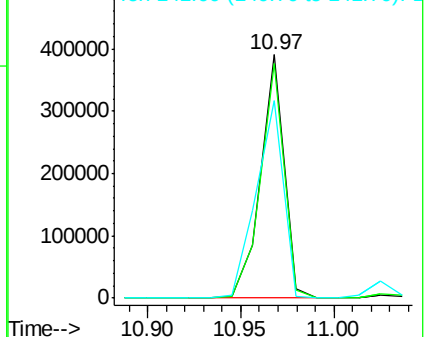
248 100

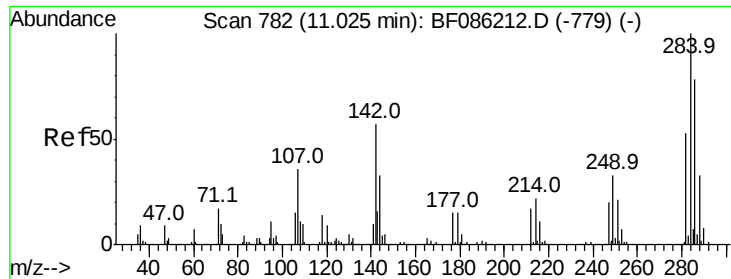
250 96.2 78.6 118.0

141 81.1 57.9 86.9



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 41.69 ng

RT: 11.02 min Scan# 782

Delta R.T. 0.00 min

Lab File: BF086261.D

Acq: 16 Apr 2016 13:02

Instrument :

BNA_F

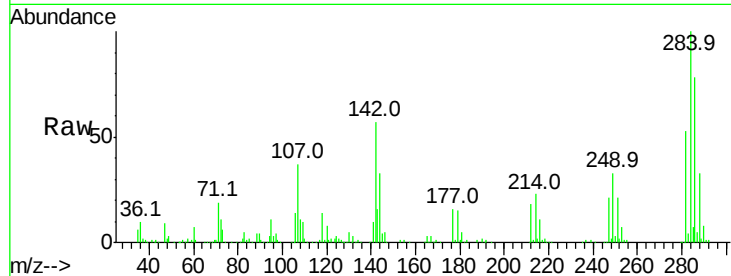
ClientSampleId :

CDMSH4MS

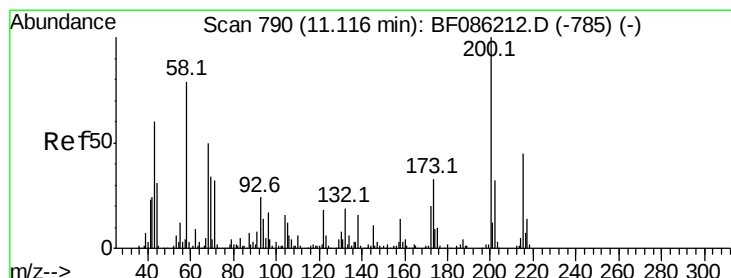
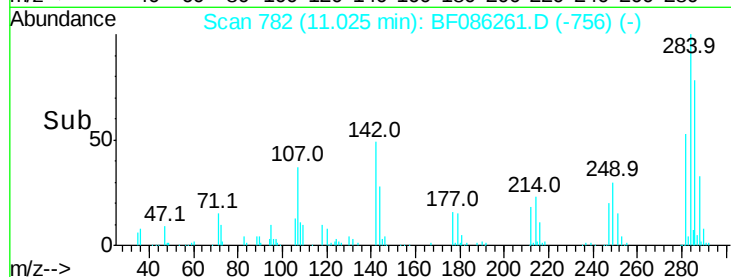
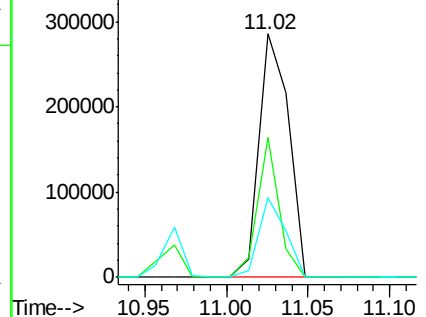
Tot Ion:	284	Resp:	359090
Ion Ratio	Lower	Upper	
284	100		
142	57.3	42.6	64.0
249	32.6	25.9	38.9

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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 46.33 ng

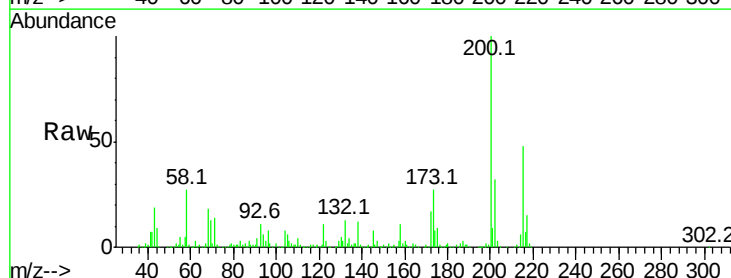
RT: 11.13 min Scan# 791

Delta R.T. 0.01 min

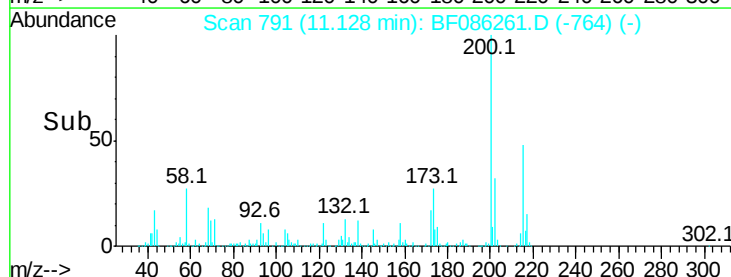
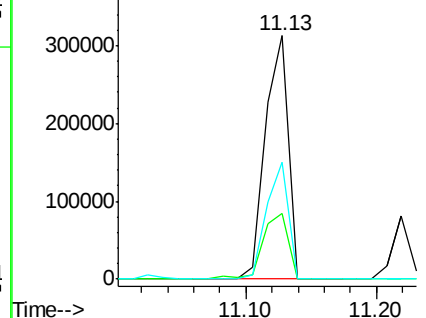
Lab File: BF086261.D

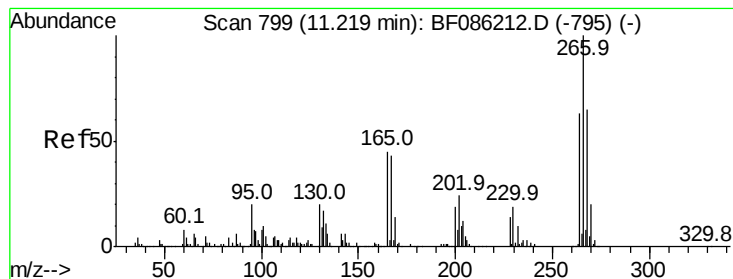
Acq: 16 Apr 2016 13:02

Tgt Ion:	200	Resp:	383484
Ion Ratio	Lower	Upper	
200	100		
173	27.2	11.2	51.2
215	47.8	24.0	64.0



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





#69

Pentachlorophenol

Concen: 70.42 ng

RT: 11.22 min Scan# 799

Delta R.T. 0.00 min

Lab File: BF086261.D

Acq: 16 Apr 2016 13:02

Instrument :

BNA_F

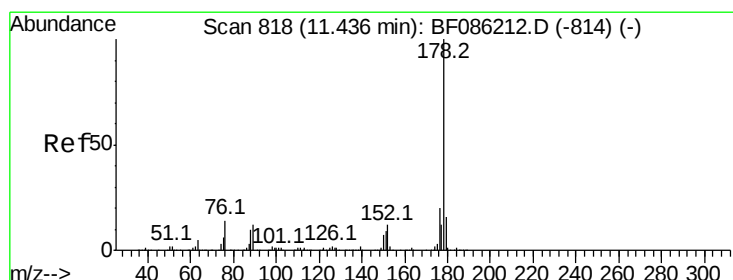
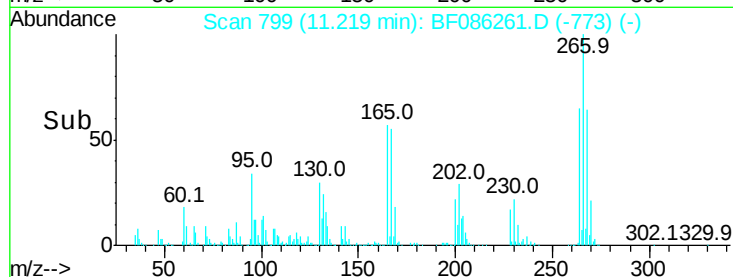
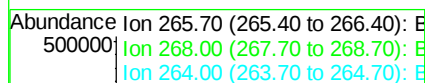
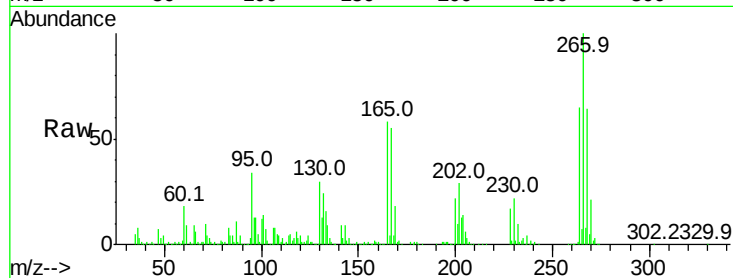
ClientSampleID :

CDMSH4MS

Tot Ion:	266	Resp:	367794
Ion Ratio		Lower	Upper
266	100		
268	64.4	53.0	79.4
264	64.8	51.3	76.9

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#70

Phenanthrene

Concen: 43.78 ng

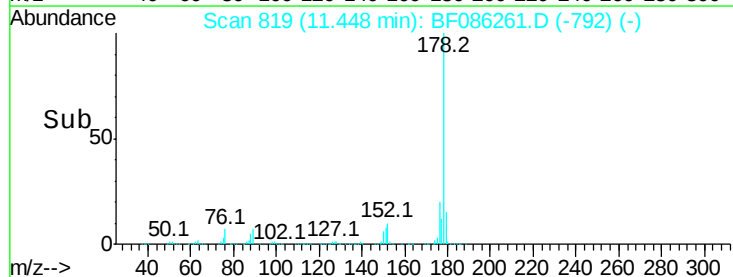
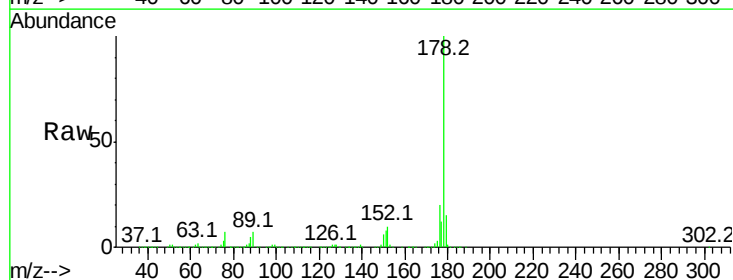
RT: 11.45 min Scan# 819

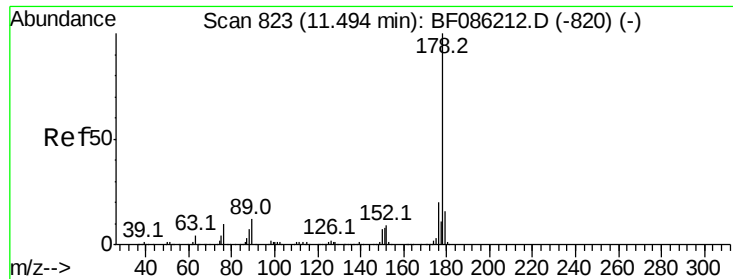
Delta R.T. 0.01 min

Lab File: BF086261.D

Acq: 16 Apr 2016 13:02

Tgt Ion:	178	Resp:	1844104
Ion Ratio		Lower	Upper
178	100		
176	20.1	16.3	24.5
179	15.4	13.0	19.6





#71
 Anthracene
 Concen: 39.92 ng
 RT: 11.49 min Scan# 823
 Delta R.T. 0.00 min
 Lab File: BF086261.D
 Acq: 16 Apr 2016 13:02

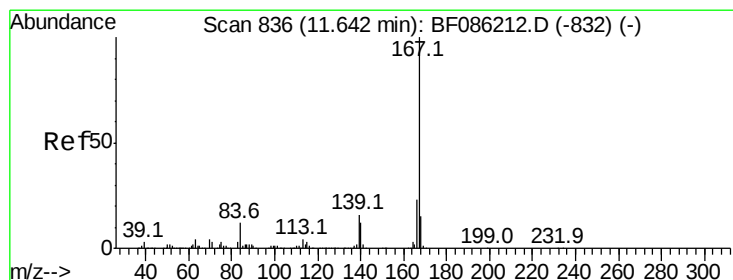
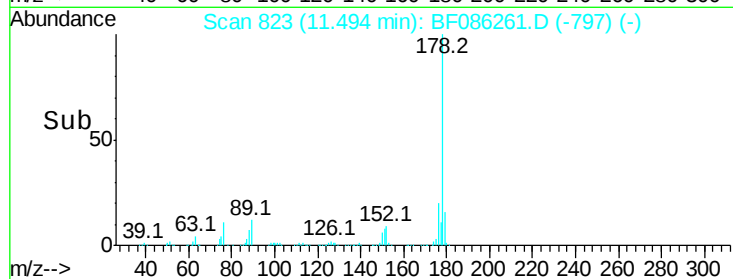
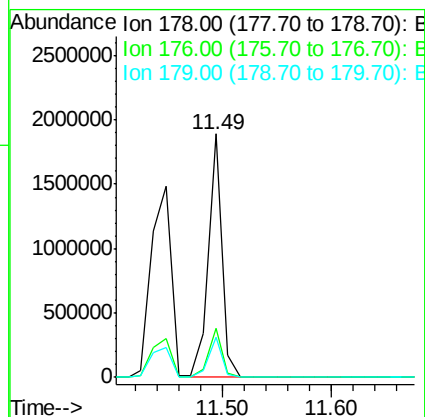
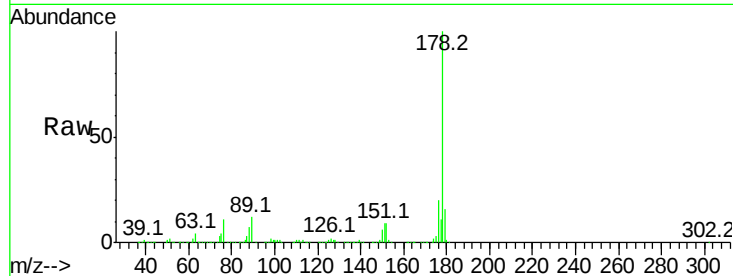
Instrument :
 BNA_F
 ClientSampleId :
 CDMSH4MS

Tot Ion:178 Resp: 1655584

Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.2	24.4
179	16.3	13.2	19.8

Manual Integrations
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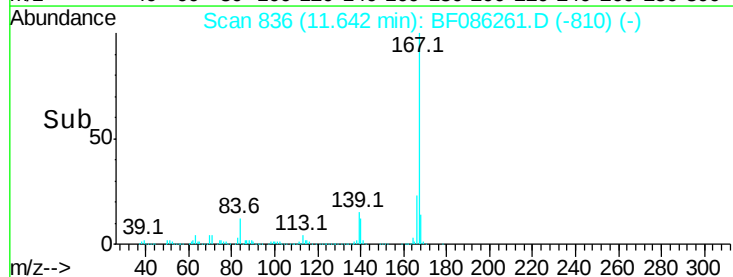
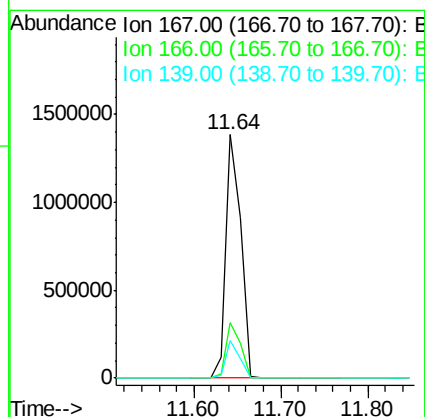
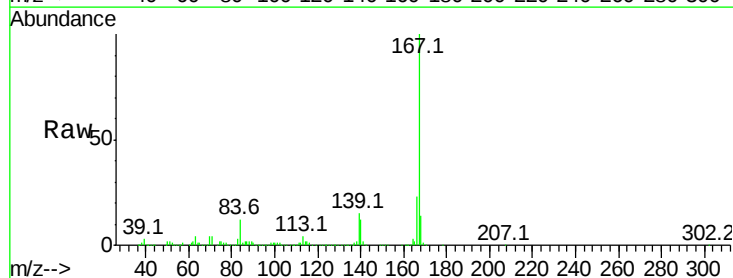
Sohil
 4/18/2016 7:33:29 PM

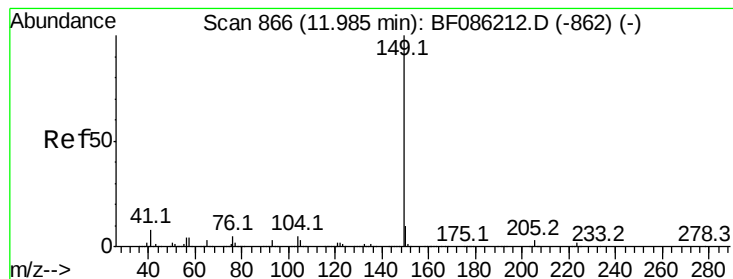


#72
 Carbazole
 Concen: 41.85 ng
 RT: 11.64 min Scan# 836
 Delta R.T. 0.00 min
 Lab File: BF086261.D
 Acq: 16 Apr 2016 13:02

Tgt Ion:167 Resp: 1676305

Ion	Ratio	Lower	Upper
167	100		
166	22.7	18.3	27.5
139	15.3	12.3	18.5





#73

Di-n-butylphthalate

Concen: 39.49 ng

RT: 11.99 min Scan# 866

Delta R.T. 0.00 min

Lab File: BF086261.D

Acq: 16 Apr 2016 13:02

Instrument :

BNA_F

ClientSampleId :

CDMSH4MS

Tot Ion:149 Resp: 2139106

Ion Ratio Lower Upper

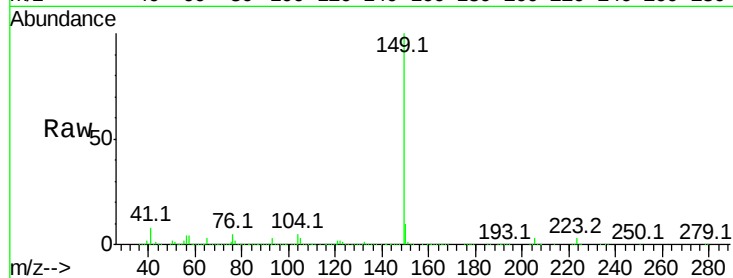
149 100

150 9.7 7.8 11.8

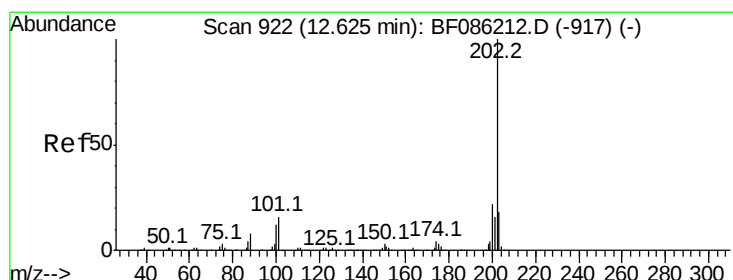
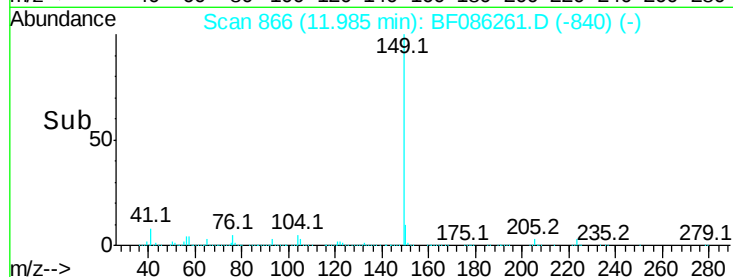
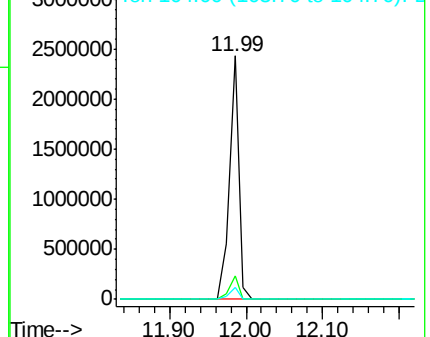
104 5.1 4.1 6.1

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 43.66 ng

RT: 12.63 min Scan# 922

Delta R.T. 0.00 min

Lab File: BF086261.D

Acq: 16 Apr 2016 13:02

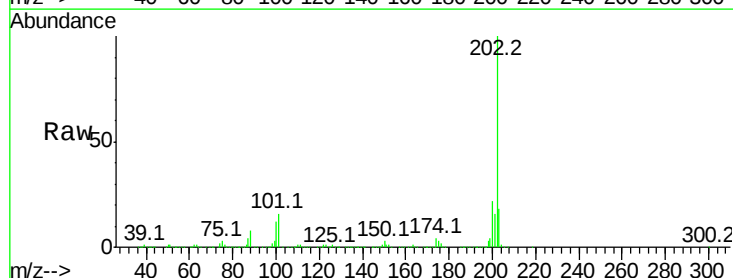
Tgt Ion:202 Resp: 1588896

Ion Ratio Lower Upper

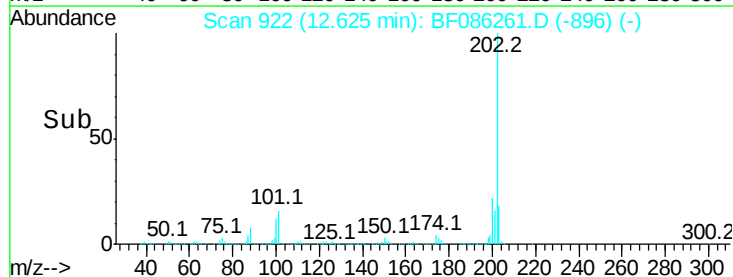
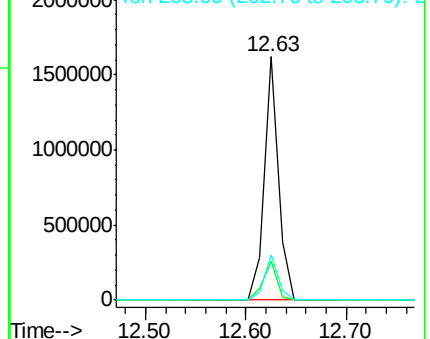
202 100

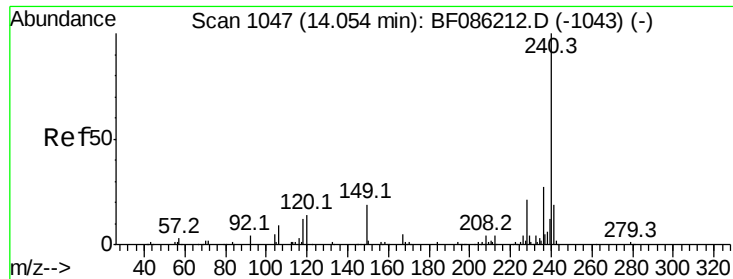
101 15.9 0.0 35.2

203 18.3 0.0 38.2



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.05 min Scan# 1047

Delta R.T. 0.00 min

Lab File: BF086261.D

Acq: 16 Apr 2016 13:02

Instrument :

BNA_F

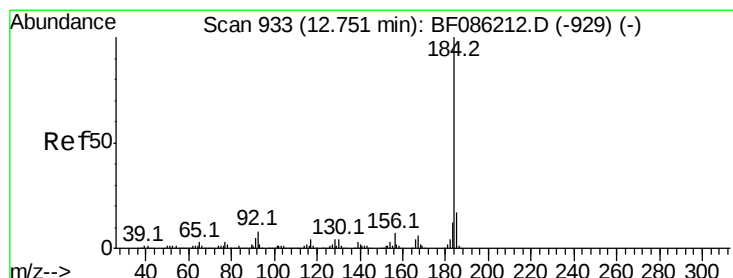
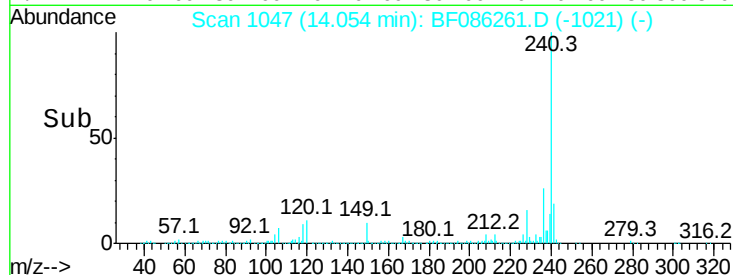
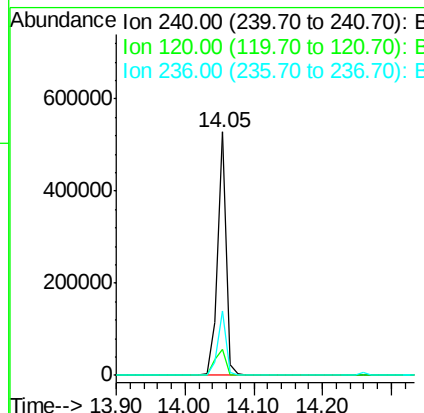
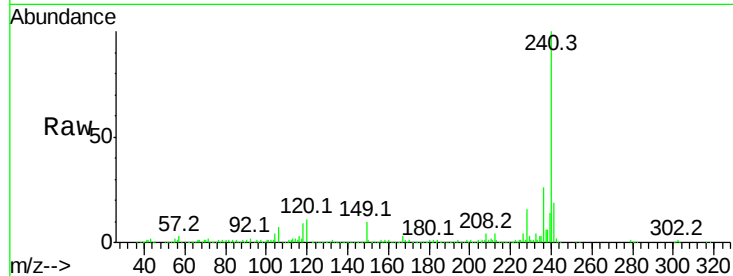
ClientSampleId :

CDMSH4MS

Tot Ion:	240	Resp:	468520
Ion Ratio	Lower	Upper	
240	100		
120	10.7	9.3	13.9
236	26.4	21.1	31.7

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#76

Benzidine

Concen: 22.68 ng

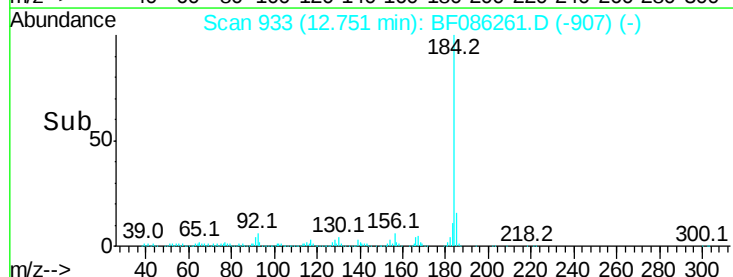
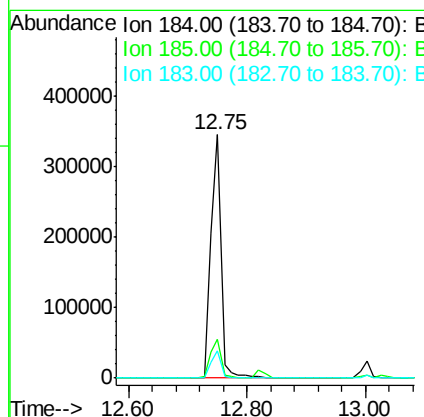
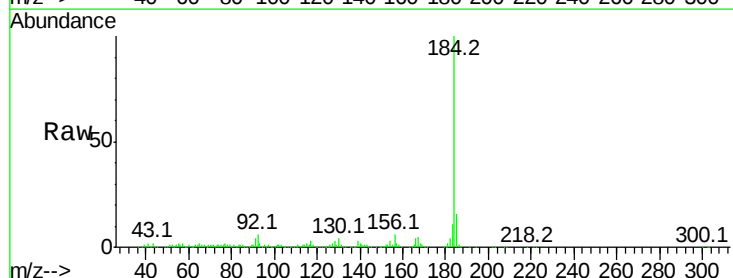
RT: 12.75 min Scan# 933

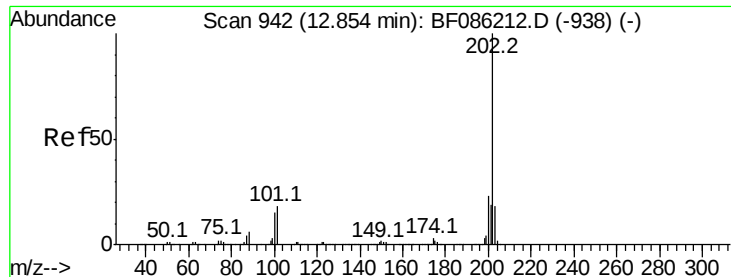
Delta R.T. 0.00 min

Lab File: BF086261.D

Acq: 16 Apr 2016 13:02

Tgt Ion:	184	Resp:	412279
Ion Ratio	Lower	Upper	
184	100		
185	16.0	14.2	21.2
183	11.4	9.8	14.6





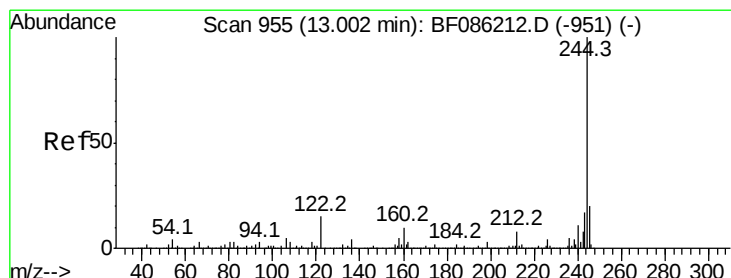
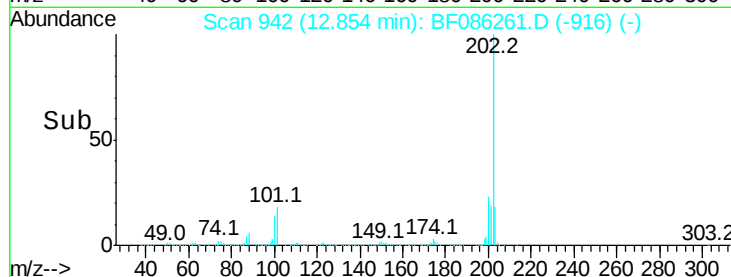
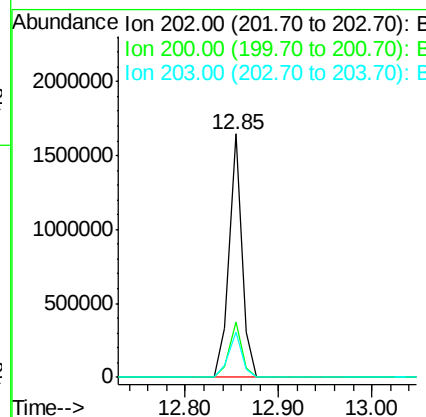
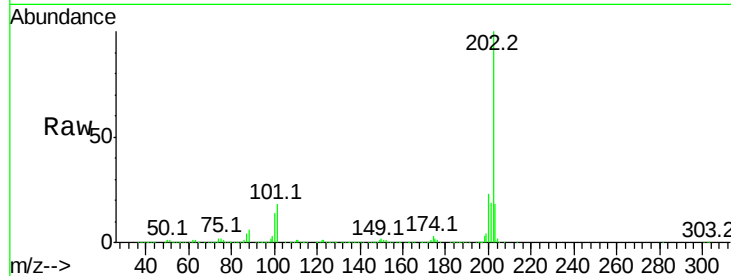
#77
Pvrene
Concen: 43.95 ng
RT: 12.85 min Scan# 942
Delta R.T. 0.00 min
Lab File: BF086261.D
Acq: 16 Apr 2016 13:02

Instrument :
BNA_F
ClientSampleId :
CDMSH4MS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.6	18.3	27.5
203	18.3	14.9	22.3

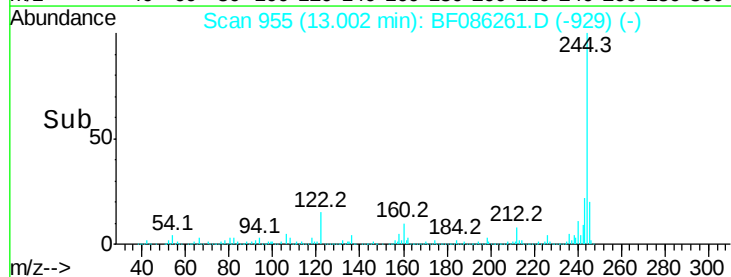
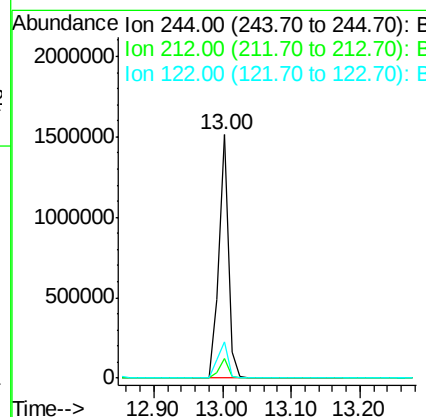
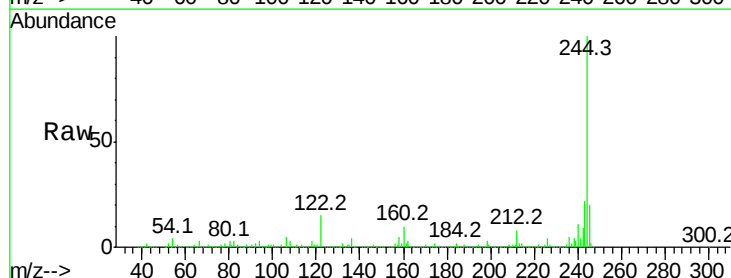
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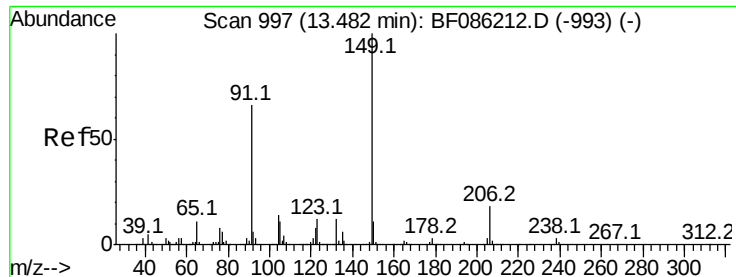
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#78
Terphenyl-d14
Concen: 80.64 ng
RT: 13.00 min Scan# 955
Delta R.T. 0.00 min
Lab File: BF086261.D
Acq: 16 Apr 2016 13:02

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.4	9.6
122	14.9	11.7	17.5





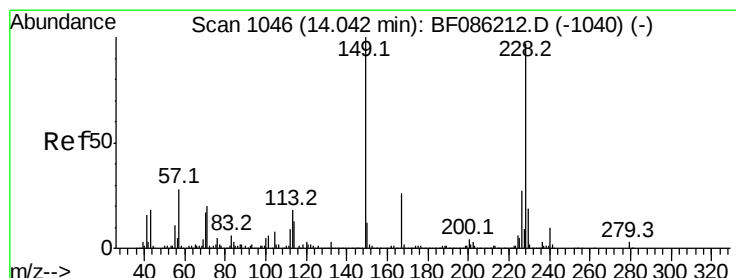
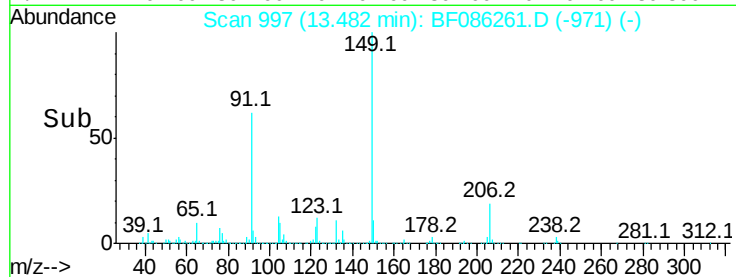
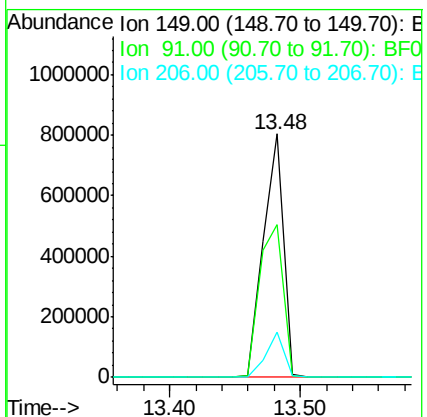
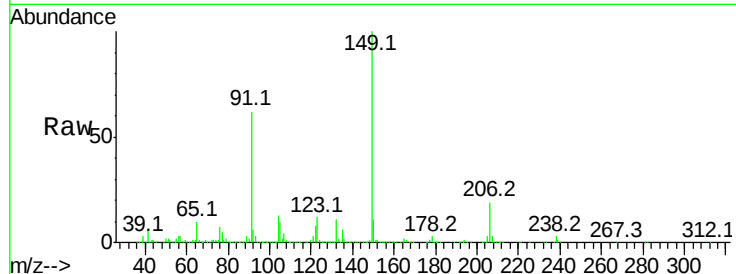
#79
Butylbenzylphthalate
Concen: 52.48 ng
RT: 13.48 min Scan# 997
Delta R.T. 0.00 min
Lab File: BF086261.D
Acq: 16 Apr 2016 13:02

Instrument :
BNA_F
ClientSampleId :
CDMSH4MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	871381		
91	62.5	48.7	73.1	
206	18.7	15.7	23.5	

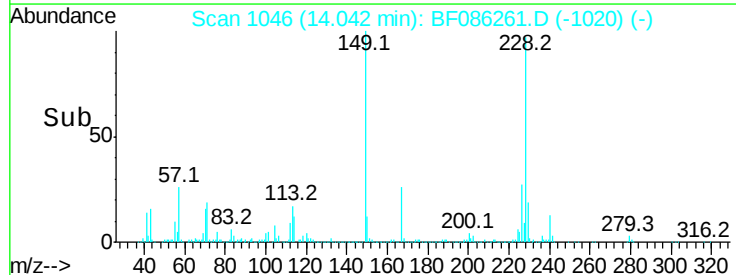
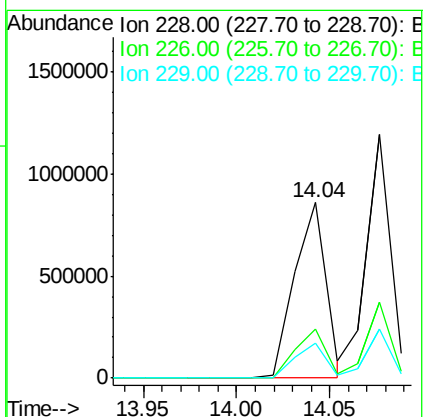
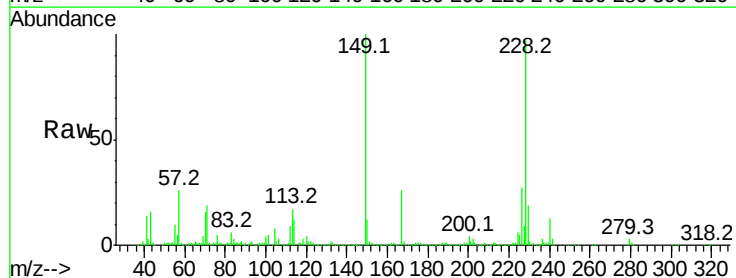
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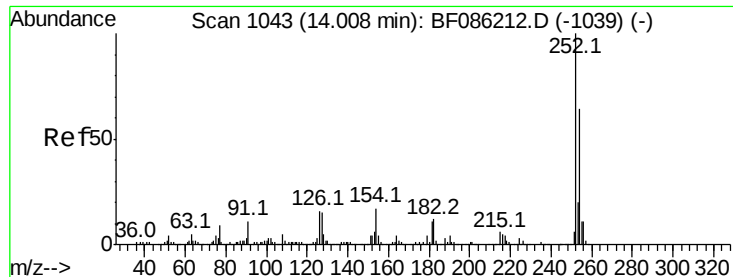
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#80
Benzo(a)anthracene
Concen: 39.58 ng
RT: 14.04 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF086261.D
Acq: 16 Apr 2016 13:02

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1018029		
226	27.9	22.5	33.7	
229	19.7	16.2	24.2	





#81

3,3'-Dichlorobenzidine

Concen: 11.77 ng

RT: 14.01 min Scan# 1043

Delta R.T. 0.00 min

Lab File: BF086261.D

Acq: 16 Apr 2016 13:02

Instrument :

BNA_F

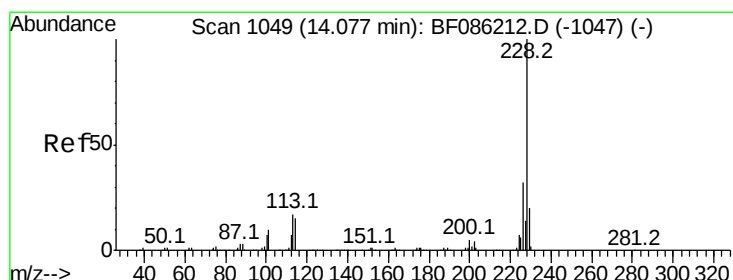
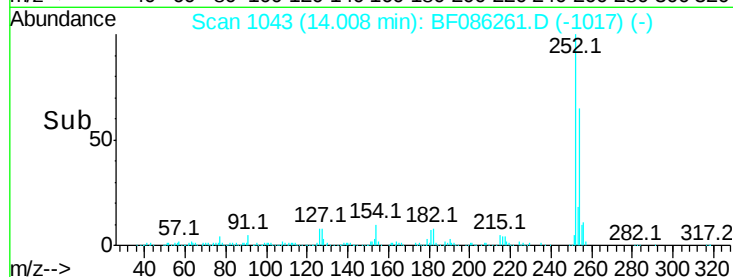
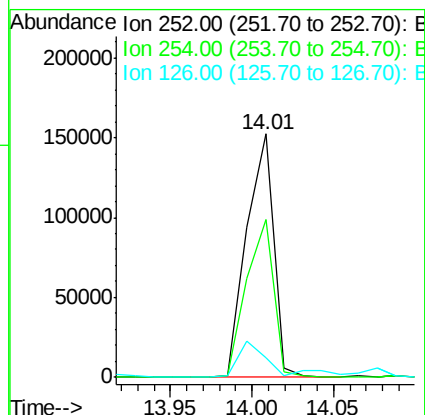
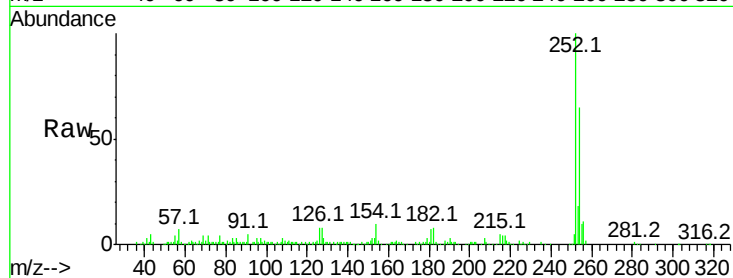
ClientSampleId :

CDMSH4MS

Tot Ion:	252	Resp:	175411
Ion Ratio	Lower	Upper	
252	100		
254	65.0	52.1	78.1
126	8.3	13.2	19.8

Manual Integrations
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#82

Chrysene

Concen: 39.70 ng

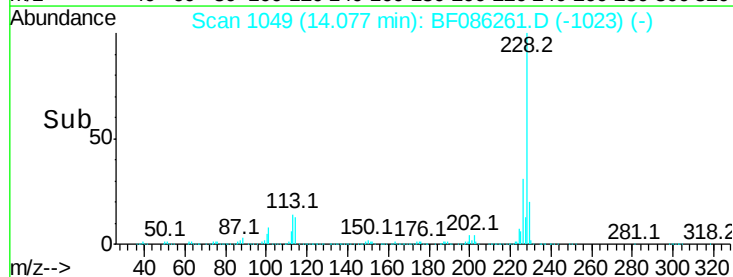
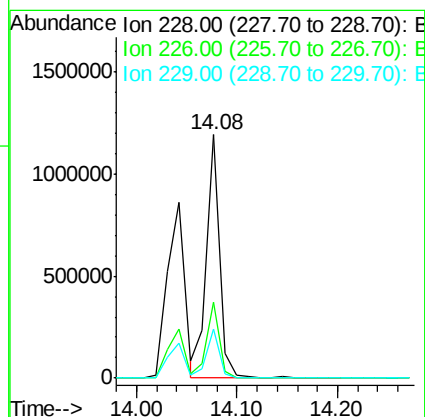
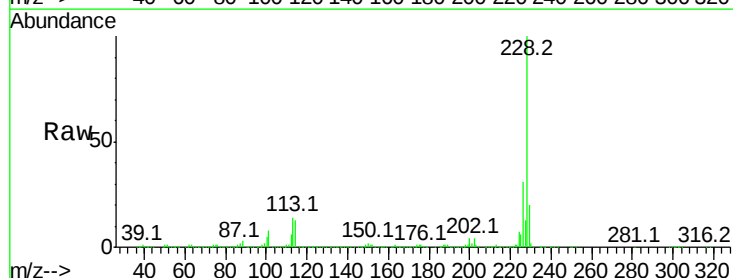
RT: 14.08 min Scan# 1049

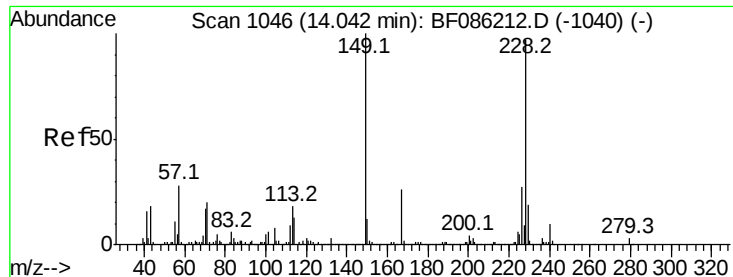
Delta R.T. 0.00 min

Lab File: BF086261.D

Acq: 16 Apr 2016 13:02

Tgt Ion:	228	Resp:	1088624
Ion Ratio	Lower	Upper	
228	100		
226	31.1	25.4	38.2
229	20.2	16.5	24.7





#83

Bis(2-ethylhexyl)phthalate

Concen: 47.07 ng

RT: 14.04 min Scan# 1046

Delta R.T. 0.00 min

Lab File: BF086261.D

Acq: 16 Apr 2016 13:02

Instrument :

BNA_F

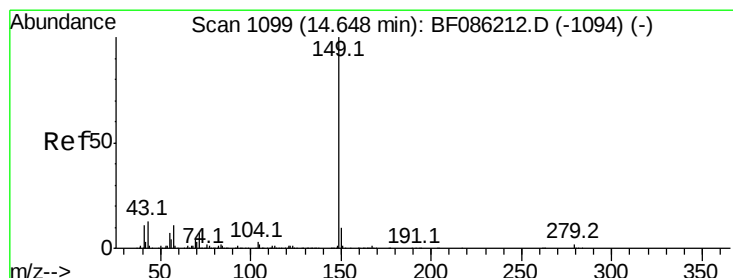
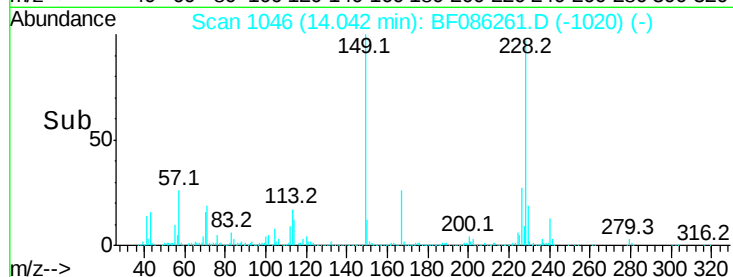
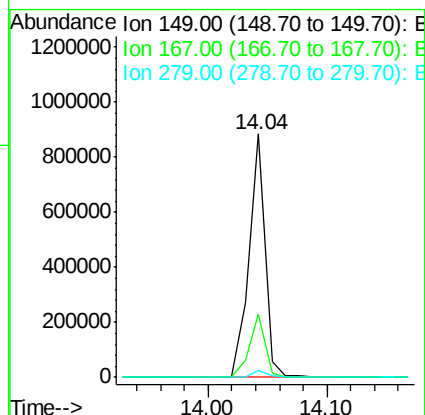
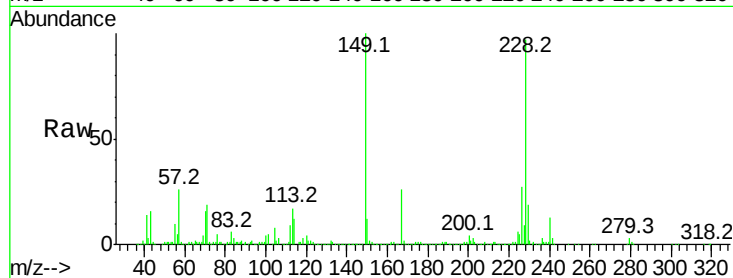
ClientSampleId :

CDMSH4MS

Tot Ion:	149	Resp:	843980
Ion Ratio	Lower	Upper	
149	100		
167	26.0	21.0	31.4
279	2.7	2.4	3.6

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#84

Di-n-octyl phthalate

Concen: 45.06 ng

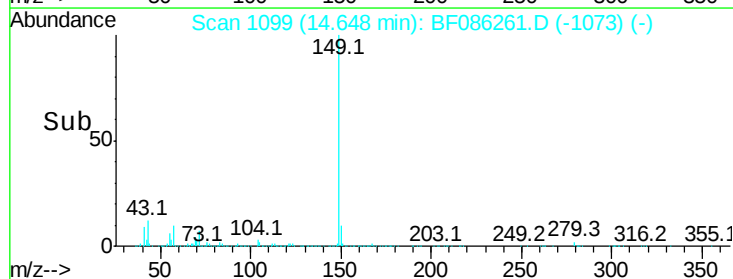
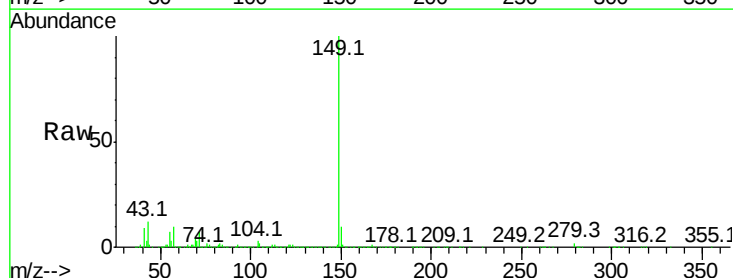
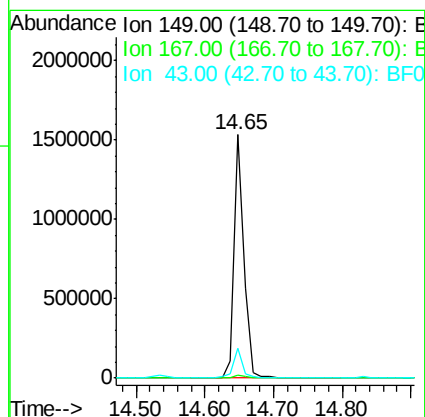
RT: 14.65 min Scan# 1099

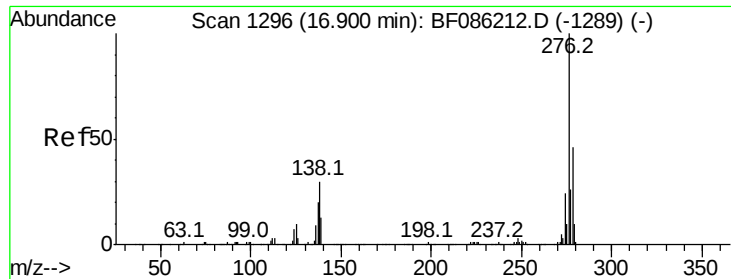
Delta R.T. 0.00 min

Lab File: BF086261.D

Acq: 16 Apr 2016 13:02

Tgt Ion:	149	Resp:	1557087
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.1	1.7#
43	10.4	9.1	13.7





#85

Indeno(1,2,3-cd)pyrene

Concen: 59.64 ng

RT: 16.90 min Scan# 1296

Delta R.T. 0.00 min

Lab File: BF086261.D

Acq: 16 Apr 2016 13:02

Instrument :

BNA_F

ClientSampleId :

CDMSH4MS

Tot Ion:276 Resp: 1344488

Ion Ratio Lower Upper

276 100

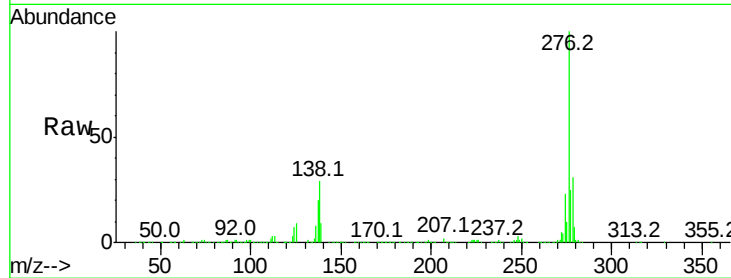
138 33.2 23.8 35.6

277 25.6 20.2 30.2

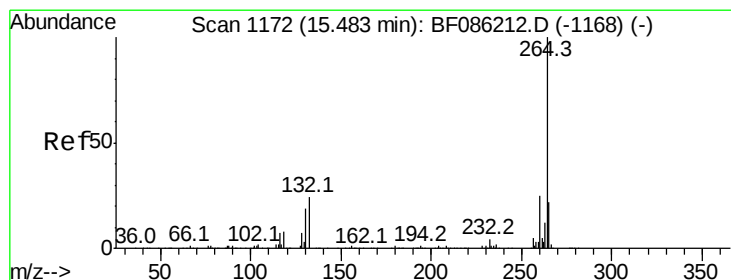
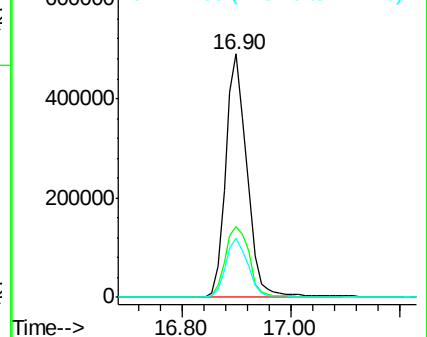
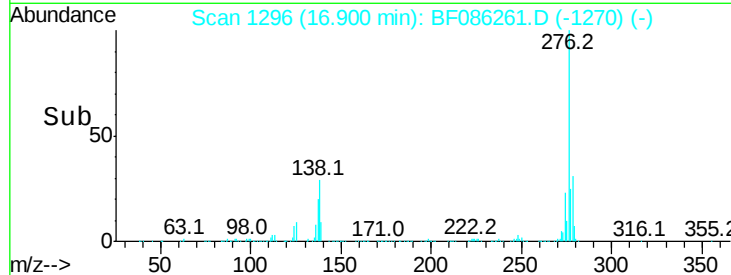
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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.48 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BF086261.D

Acq: 16 Apr 2016 13:02

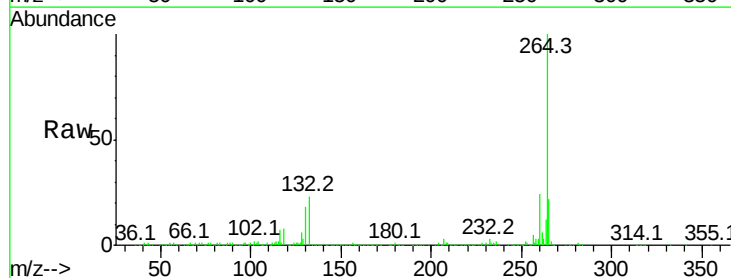
Tgt Ion:264 Resp: 471216

Ion Ratio Lower Upper

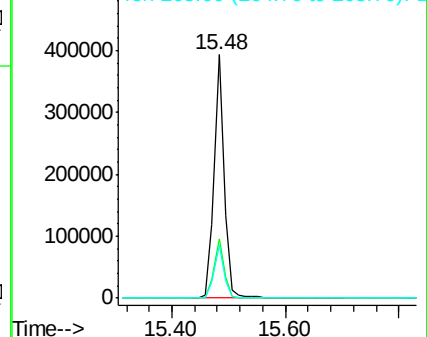
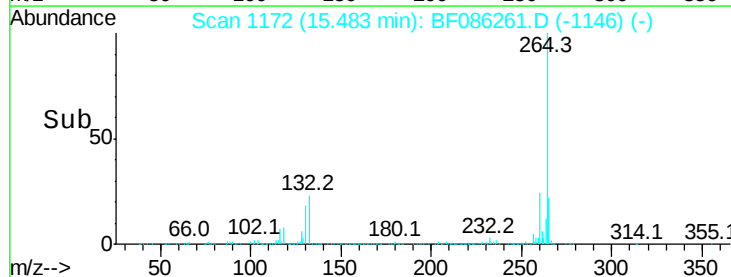
264 100

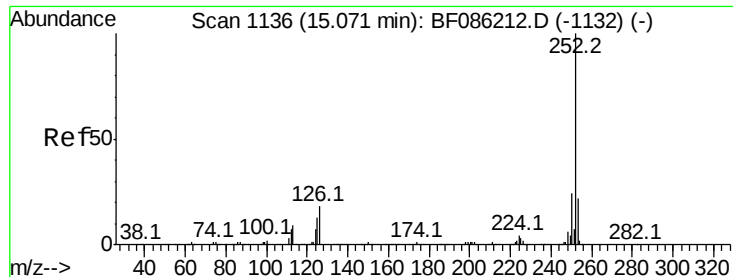
260 24.4 20.0 30.0

265 21.9 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 37.13 ng m

RT: 15.07 min Scan# 1136

Delta R.T. 0.00 min

Lab File: BF086261.D

Acq: 16 Apr 2016 13:02

Instrument :

BNA_F

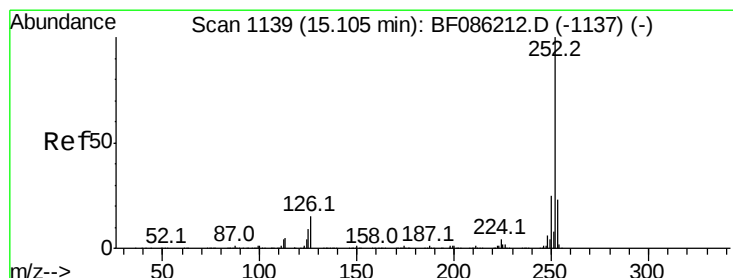
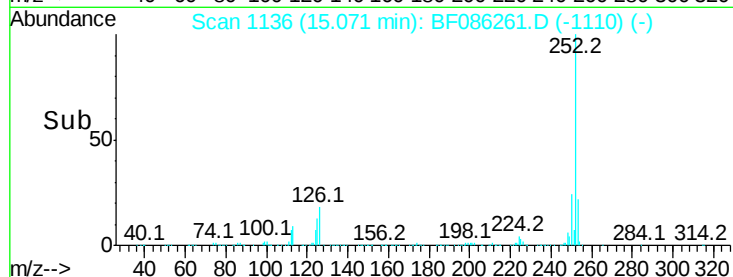
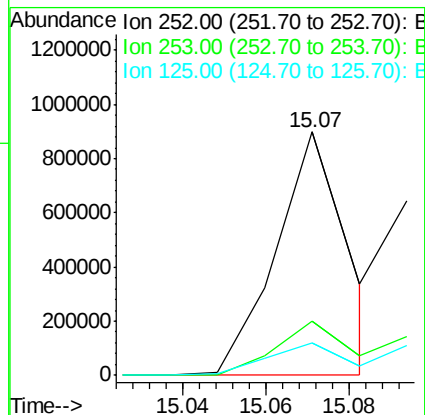
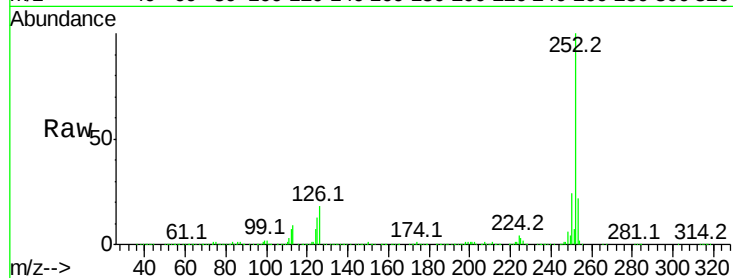
ClientSampleId :

CDMSH4MS

Tot Ion:	252	Resp:	1079491
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.7	26.5
125	13.2	10.3	15.5

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#88

Benzo(k)fluoranthene

Concen: 40.39 ng m

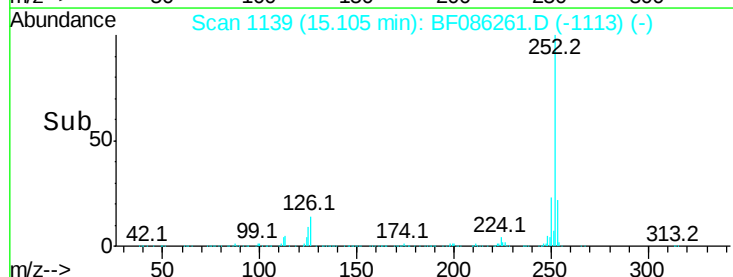
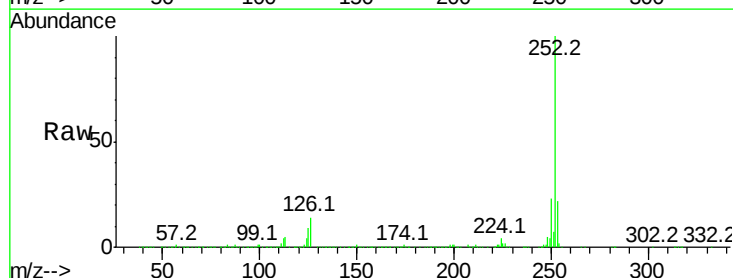
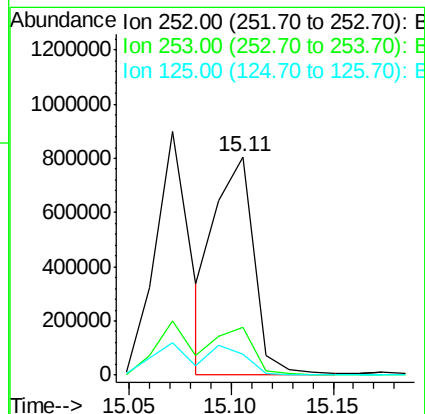
RT: 15.11 min Scan# 1139

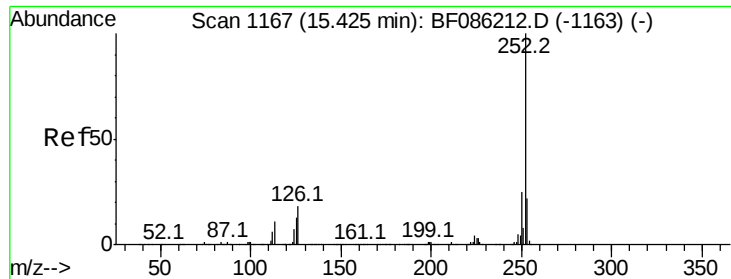
Delta R.T. 0.00 min

Lab File: BF086261.D

Acq: 16 Apr 2016 13:02

Tgt Ion:	252	Resp:	1070555
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.5	26.3
125	9.5	7.8	11.6





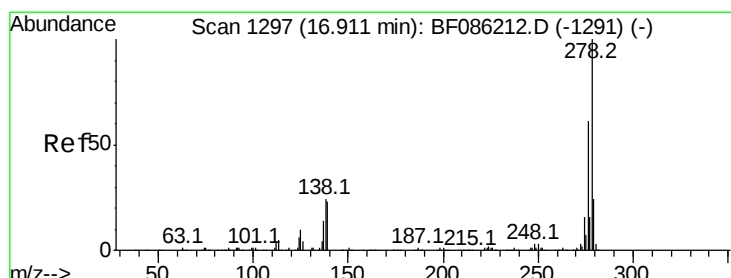
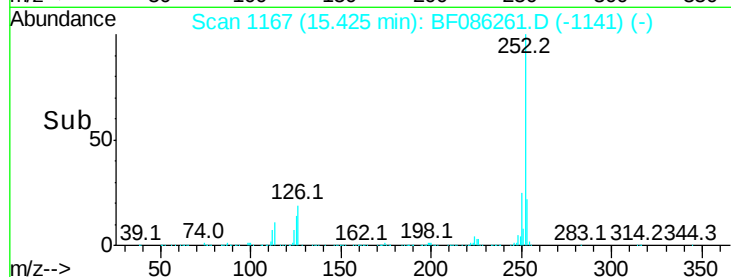
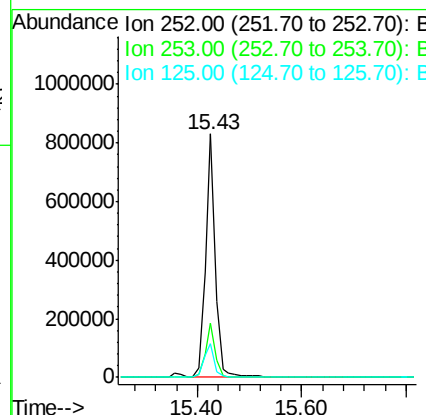
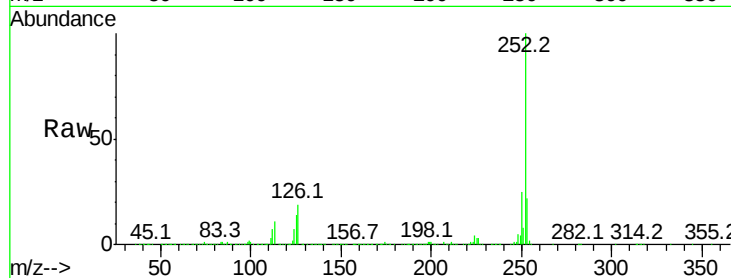
#89
Benzo(a)pyrene
Concen: 42.71 ng
RT: 15.43 min Scan# 1167
Delta R.T. 0.00 min
Lab File: BF086261.D
Acq: 16 Apr 2016 13:02

Instrument :
BNA_F
ClientSampleId :
CDMSH4MS

Tot Ion:252 Resp: 1075583
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 14.0 11.2 16.8

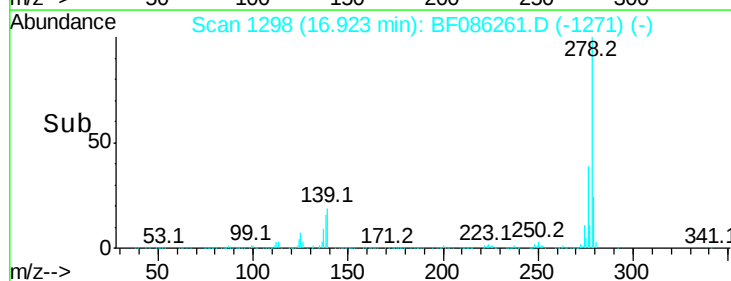
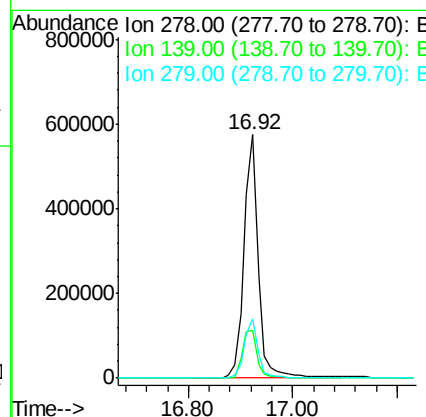
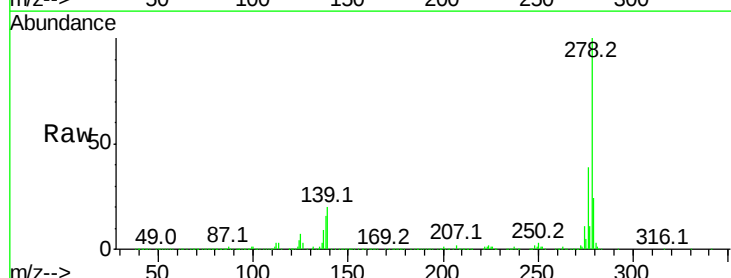
Manual Integrations
APPROVED

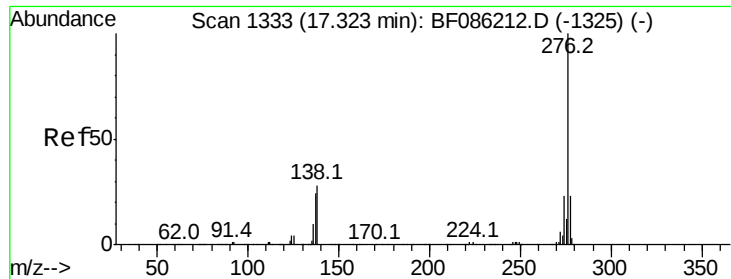
Sohil
4/18/2016 7:33:29 PM



#90
Dibenzo(a,h)anthracene
Concen: 49.36 ng
RT: 16.92 min Scan# 1298
Delta R.T. 0.01 min
Lab File: BF086261.D
Acq: 16 Apr 2016 13:02

Tgt Ion:278 Resp: 1098476
Ion Ratio Lower Upper
278 100
139 19.5 15.3 22.9
279 24.2 19.1 28.7





#91

Benzo(a,h,i)perylene

Concen: 50.27 ng

RT: 17.32 min Scan# 1333

Delta R.T. 0.00 min

Lab File: BF086261.D

Acq: 16 Apr 2016 13:02

Instrument :

BNA_F

ClientSampleId :

CDMSH4MS

Tot Ion:276 Resp: 1189508

Ion Ratio Lower Upper

276 100

277 23.2 19.0 28.6

138 30.3 19.6 29.4#

Manual Integrations
APPROVED

Sohil

4/18/2016 7:33:29 PM

