

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122015\
 Data File : BF083983.D
 Acq On : 20 Dec 2015 6:50
 Operator : UM/SJ
 Sample : G4851-03MS
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 UST-8MS

Manual Integrations
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 12/22/2015 12:17:42 PM

Quant Time: Dec 20 07:34:15 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 18 14:23:22 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	80339	20.00	ng	-0.02
21) Naphthalene-d8	8.13	136	309743	20.00	ng	-0.02
38) Acenaphthene-d10	9.89	164	149027	20.00	ng	-0.02
63) Phenanthrene-d10	11.37	188	264429	20.00	ng	-0.02
75) Chrysene-d12	14.01	240	177658	20.00	ng	-0.02
86) Perylene-d12	15.44	264	158757	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	533222	103.87	ng	-0.01
7) Phenol-d6	6.51	99	687809	109.46	ng	0.00
23) Nitrobenzene-d5	7.41	82	462531	85.22	ng	-0.02
41) 2,4,6-Tribromophenol	10.68	330	176428	107.46	ng	-0.02
44) 2-Fluorobiphenyl	9.21	172	719146	65.32	ng	-0.03
78) Terphenyl-d14	12.96	244	650075	85.59	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.50	88	70597	31.70	ng	97
3) Pyridine	3.22	79	190700	34.63	ng	99
4) n-Nitrosodimethylamine	3.17	42	75953	36.16	ng	98
6) Aniline	6.51	93	91513	11.31	ng	# 1
8) 2-Chlorophenol	6.65	128	186387	30.51	ng	86
9) Benzaldehyde	6.40	77	99745	26.35	ng	93
10) Phenol	6.52	94	248898	35.50	ng	87
11) bis(2-Chloroethyl)ether	6.59	93	169538	31.83	ng	98
12) 1,3-Dichlorobenzene	6.80	146	232855	35.44	ng	98
13) 1,4-Dichlorobenzene	6.86	146	234492	34.96	ng	97
14) 1,2-Dichlorobenzene	7.02	146	231409	42.61	ng	97
15) Benzyl Alcohol	7.00	79	194114	40.82	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.13	45	202057	36.79	ng	# 23
17) 2-Methylphenol	7.13	107	168166	35.09	ng	# 88
18) Hexachloroethane	7.37	117	88560	35.98	ng	# 89
19) n-Nitroso-di-n-propylamine	7.28	70	149758	40.88	ng	97
20) 3+4-Methylphenols	7.28	107	220477	39.15	ng	# 51
22) Acetophenone	7.26	105	304959	40.90	ng	# 92
24) Nitrobenzene	7.44	77	227040	40.45	ng	100
25) Isophorone	7.68	82	328554	32.18	ng	100
26) 2-Nitrophenol	7.76	139	108174	37.23	ng	96
27) 2,4-Dimethylphenol	7.80	122	168214	33.61	ng	96
28) bis(2-Chloroethoxy)methane	7.88	93	208483	34.52	ng	100
29) 2,4-Dichlorophenol	8.01	162	161119	35.49	ng	91
30) 1,2,4-Trichlorobenzene	8.08	180	175782	36.05	ng	100
31) Naphthalene	8.16	128	609316	38.74	ng	99
32) Benzoic acid	7.90	122	22518	16.80	ng	# 87
33) 4-Chloroaniline	8.21	127	47256m	6.72	ng	
34) Hexachlorobutadiene	8.28	225	108141	35.51	ng	99
35) Caprolactam	8.58	113	59177m	39.45	ng	
36) 4-Chloro-3-methylphenol	8.70	107	202089	39.21	ng	93
37) 2-Methylnaphthalene	8.85	142	447186	41.54	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	172528	36.72	ng	99
40) Hexachlorocyclopentadiene	9.00	237	55434	45.83	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	114924	37.04	nq	98
43) 2,4,5-Trichlorophenol	9.18	196	102724	33.46	nq #	96
45) 1,1'-Biphenyl	9.31	154	482111	38.30	nq	100
46) 2-Chloronaphthalene	9.33	162	362138	36.66	nq	99
47) 2-Nitroaniline	9.44	65	113246	38.43	nq #	70
48) Acenaphthylene	9.76	152	624987	35.97	nq	100
49) Dimethylphthalate	9.62	163	694397	55.53	nq #	91
50) 2,6-Dinitrotoluene	9.68	165	101852	37.34	nq #	74
51) Acenaphthene	9.93	154	401709	37.60	nq	100
52) 3-Nitroaniline	9.85	138	51920	18.06	nq #	68
53) 2,4-Dinitrophenol	9.96	184	52322	56.84	nq #	80
54) Dibenzofuran	10.10	168	554423	39.96	nq	100
55) 4-Nitrophenol	10.03	139	132518	73.82	nq	88
56) 2,4-Dinitrotoluene	10.09	165	139051	39.77	nq #	77
57) Fluorene	10.44	166	398410	37.24	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.22	232	87530	38.53	nq #	97
59) Diethylphthalate	10.32	149	496197	38.38	nq	99
60) 4-Chlorophenyl-phenylether	10.43	204	190189	35.77	nq	98
61) 4-Nitroaniline	10.45	138	93801	31.53	nq	97
62) Azobenzene	10.59	77	364914	33.67	nq	98
64) 4,6-Dinitro-2-methylphenol	10.49	198	55268	35.16	nq #	59
65) n-Nitrosodiphenylamine	10.54	169	286393	29.76	nq	99
66) 4-Bromophenyl-phenylether	10.91	248	113769	35.19	nq #	62
67) Hexachlorobenzene	10.99	284	122141	35.88	nq	99
68) Atrazine	11.07	200	118439	38.85	nq	99
69) Pentachlorophenol	11.18	266	108187	75.20	nq	99
70) Phenanthrene	11.39	178	546922	34.23	nq	98
71) Anthracene	11.45	178	557039	36.07	nq	100
72) Carbazole	11.60	167	523741	34.32	nq	99
73) Di-n-butylphthalate	11.93	149	665797	37.14	nq #	97
74) Fluoranthene	12.58	202	527256	33.07	nq	99
76) Benzidine	12.69	184	90953	12.79	nq	100
77) Pyrene	12.81	202	497598	44.06	nq	100
79) Butylbenzylphthalate	13.42	149	277251	46.88	nq	91
80) Benzo(a)anthracene	14.00	228	414991	37.99	nq	99
81) 3,3'-Dichlorobenzidine	13.95	252	89254	21.86	nq #	94
82) Chrysene	14.03	228	306547	29.05	nq	100
83) Bis(2-ethylhexyl)phthalate	13.99	149	365428	46.28	nq #	98
84) Di-n-octylphthalate	14.59	149	495142	40.07	nq	99
85) Indeno(1,2,3-cd)pyrene	16.85	276	410083	51.97	nq	99
87) Benzo(b)fluoranthene	15.03	252	363959m	31.45	nq	
88) Benzo(k)fluoranthene	15.05	252	351012m	36.76	nq	
89) Benzo(a)pyrene	15.38	252	358240	37.48	nq #	98
90) Dibenzo(a,h)anthracene	16.85	278	339828	45.70	nq	99
91) Benzo(g,h,i)perylene	17.28	276	336143	46.13	nq	99

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

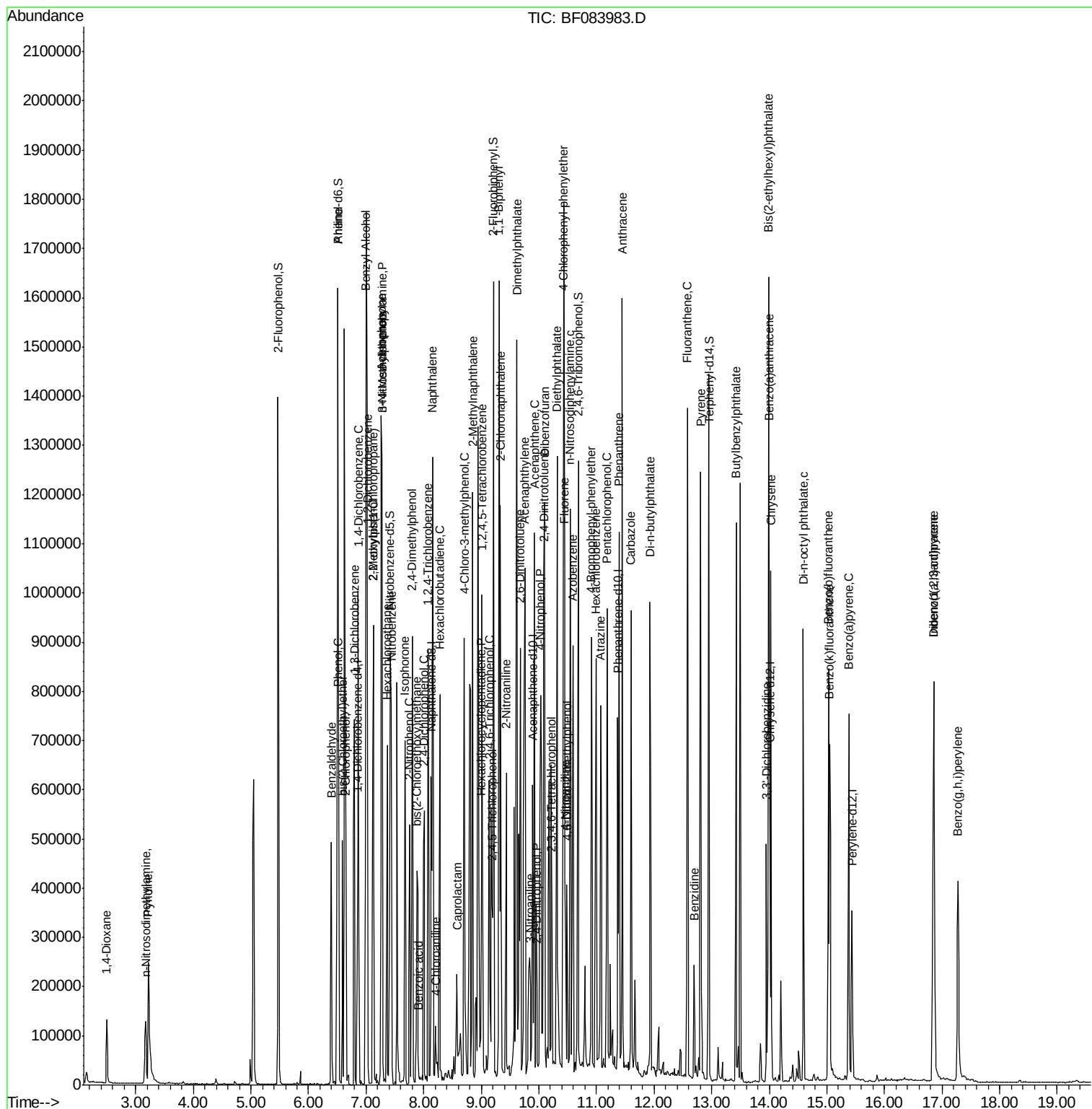
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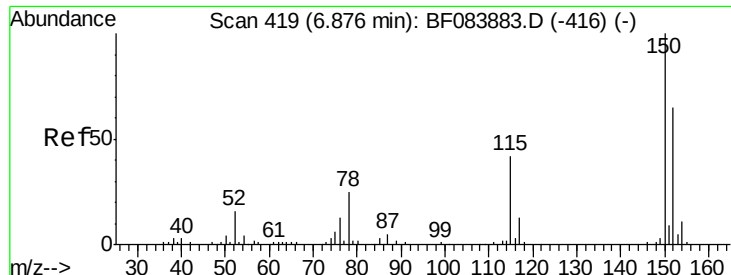
Instrument :
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ClientSampleId :
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#1

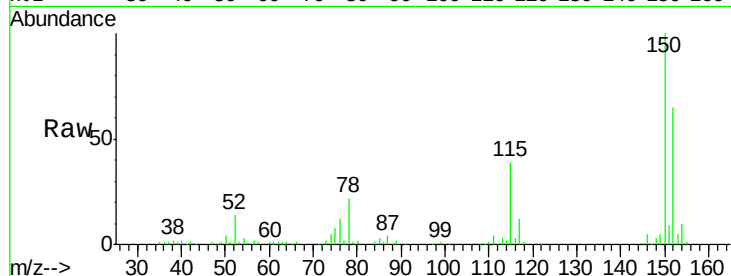
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.02 min
Lab File: BF083983.D
Acq: 20 Dec 2015 6:50

Instrument :
BNA_F
ClientSampleId :
UST-8MS

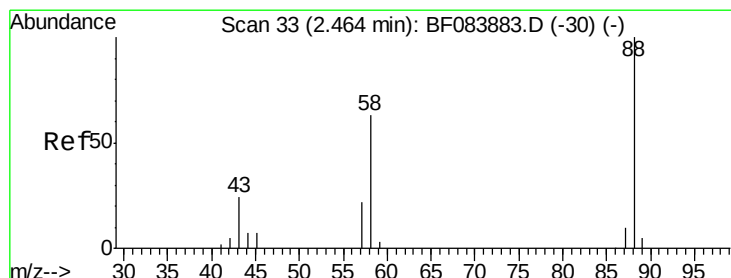
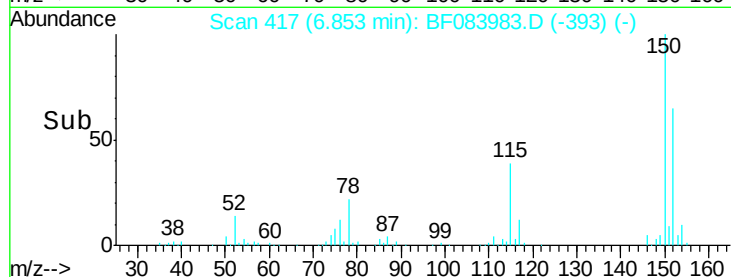
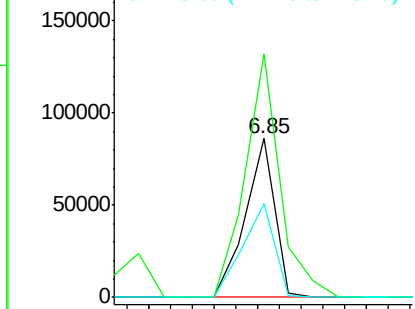
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.4	123.0	184.4
115	59.3	51.4	77.2

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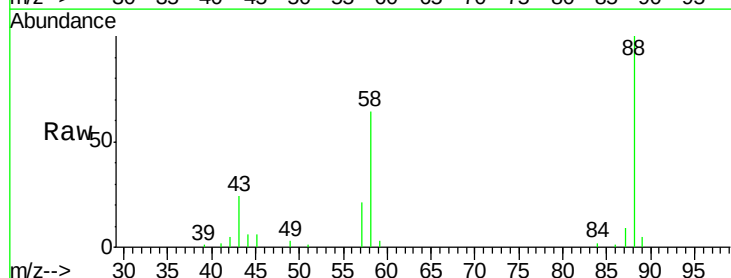
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



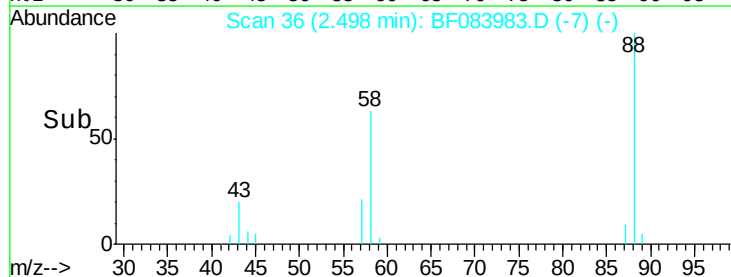
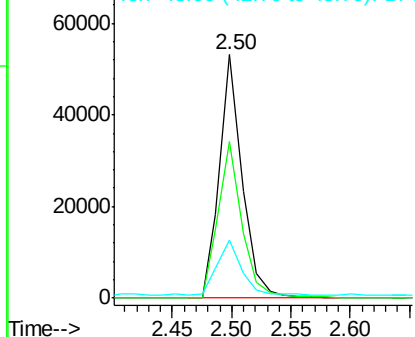
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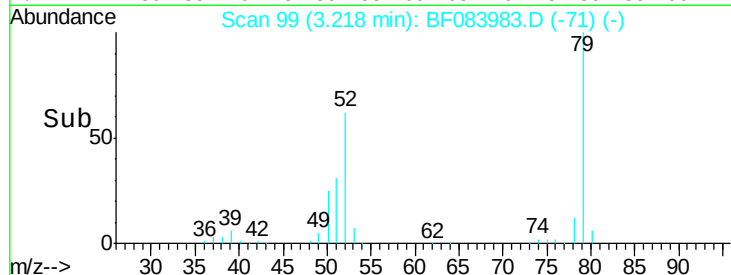
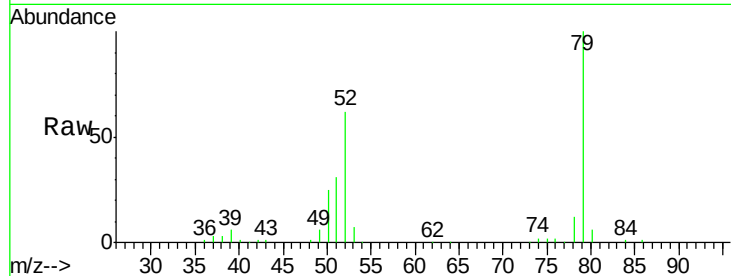
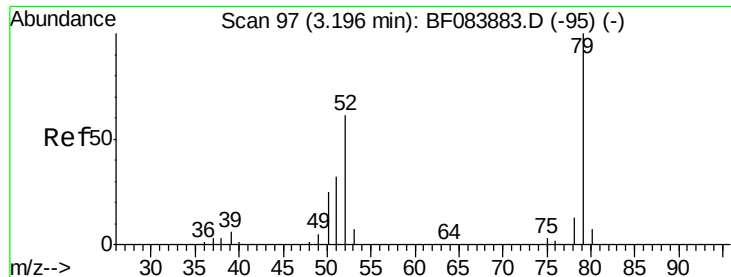
1,4-Dioxane
Concen: 31.70 ng
RT: 2.50 min Scan# 36
Delta R.T. 0.03 min
Lab File: BF083983.D
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Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.3	51.2	76.8
43	25.0	19.5	29.3



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





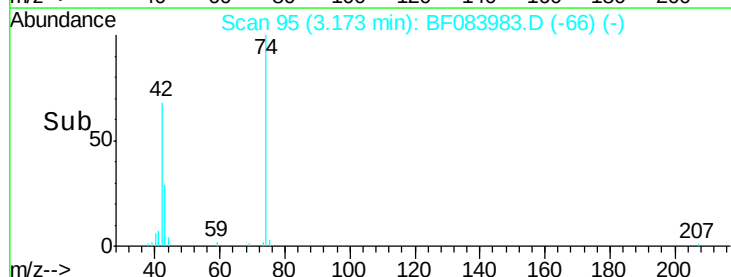
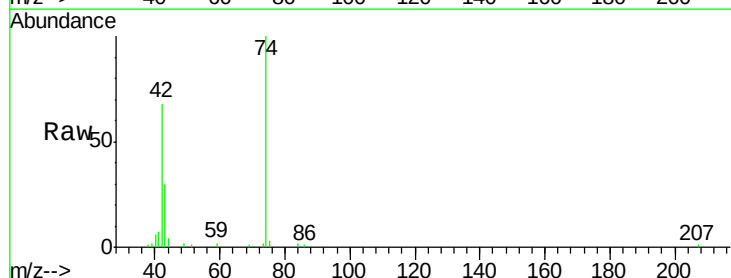
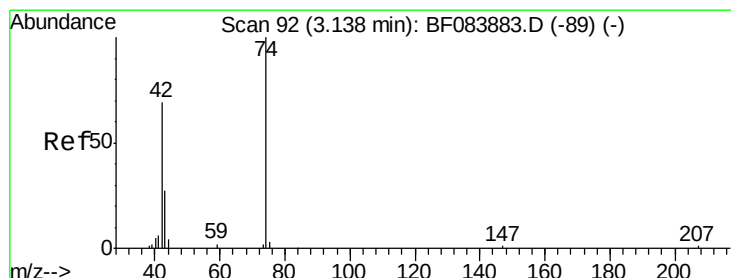
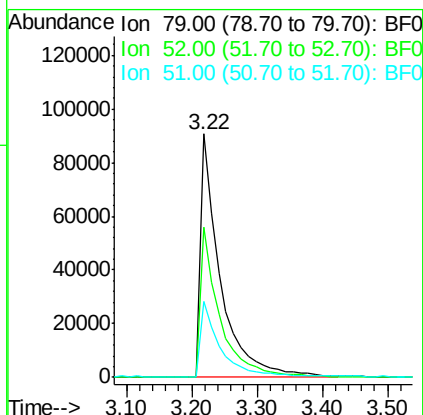
#3
 Pvridine
 Concen: 34.63 ng
 RT: 3.22 min Scan# 99
 Delta R.T. 0.02 min
 Lab File: BF083983.D
 Acq: 20 Dec 2015 6:50

Tot Ion	Ratio	Resp	Lower	Upper
79	100	190700		
52	61.7		49.0	73.4
51	31.0		25.2	37.8

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 BNA_F
 ClientSampleId :
 UST-8MS

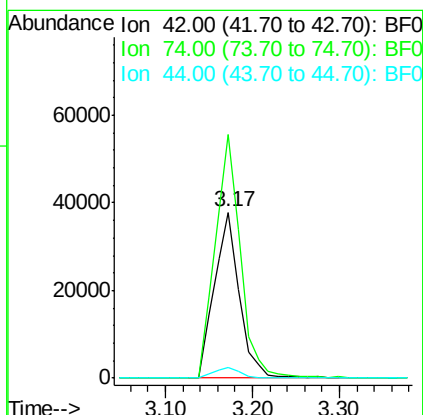
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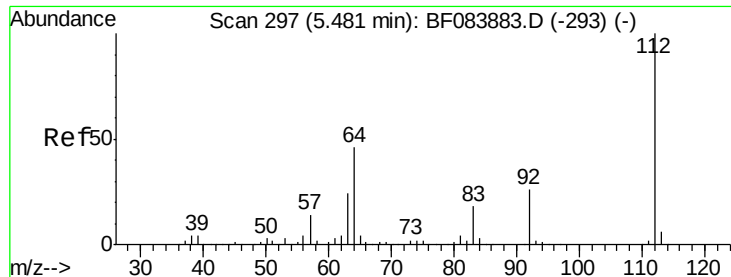
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#4
 n-Nitrosodimethylamine
 Concen: 36.16 ng
 RT: 3.17 min Scan# 95
 Delta R.T. 0.03 min
 Lab File: BF083983.D
 Acq: 20 Dec 2015 6:50

Tgt Ion	Ratio	Resp	Lower	Upper
42	100	75953		
74	147.0		115.7	173.5
44	6.3		5.1	7.7





#5

2-Fluorophenol

Concen: 103.87 ng

RT: 5.47 min Scan# 296

Delta R.T. -0.01 min

Lab File: BF083983.D

Acq: 20 Dec 2015 6:50

Instrument :

BNA_F

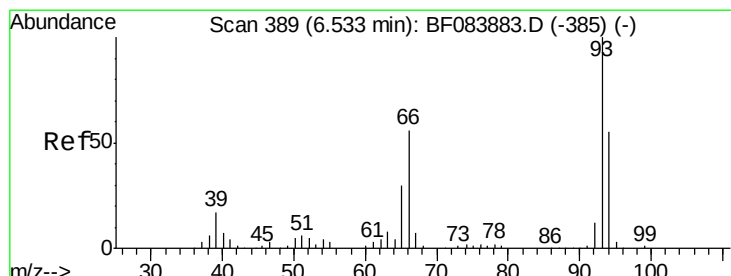
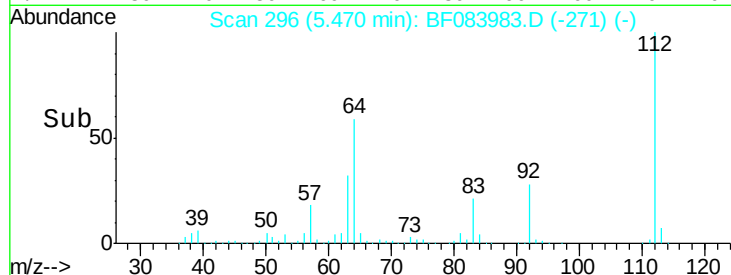
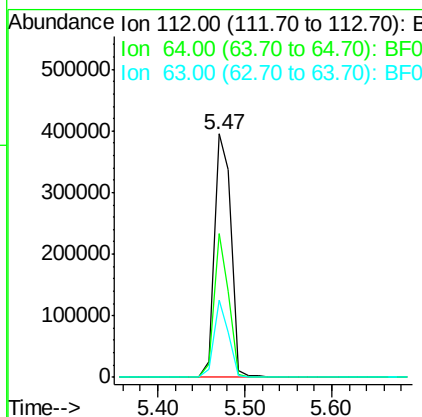
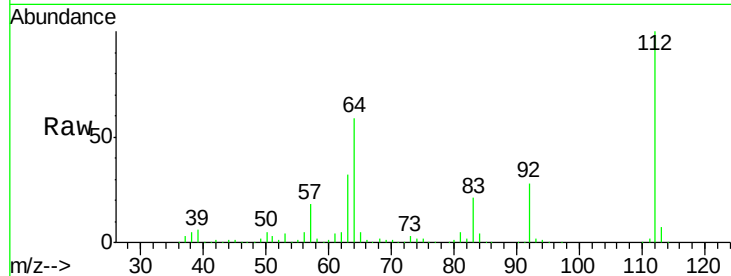
ClientSampled :

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Tot Ion:	112	Resp:	533222
Ion Ratio	Lower	Upper	
112	100		
64	59.0	36.6	55.0#
63	31.8	19.4	29.0#

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#6

Aniline

Concen: 11.31 ng

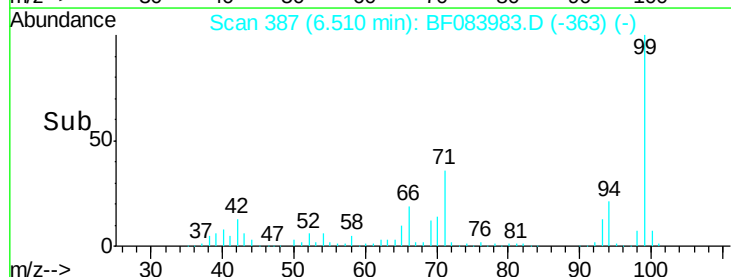
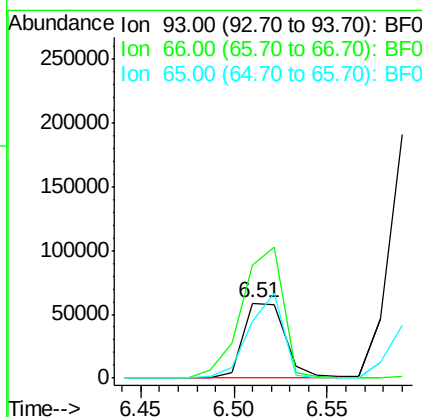
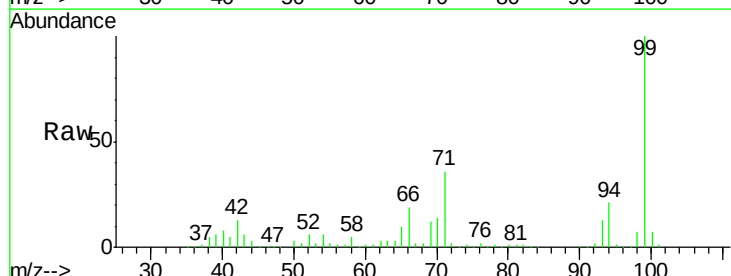
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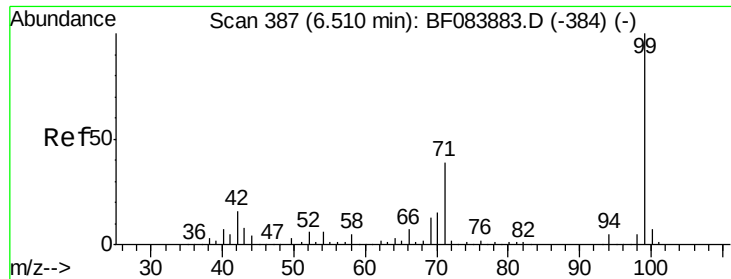
Delta R.T. -0.02 min

Lab File: BF083983.D

Acq: 20 Dec 2015 6:50

Tgt Ion:	93	Resp:	91513
Ion Ratio	Lower	Upper	
93	100		
66	152.2	44.9	67.3#
65	76.0	23.7	35.5#





#7

Phenol-d6

Concen: 109.46 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF083983.D

Acq: 20 Dec 2015 6:50

Instrument :

BNA_F

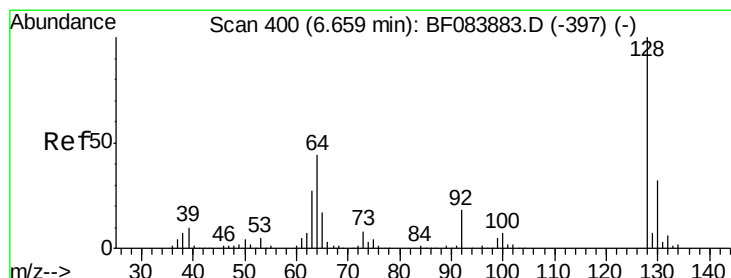
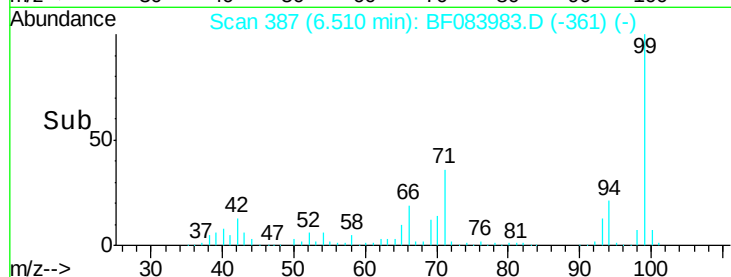
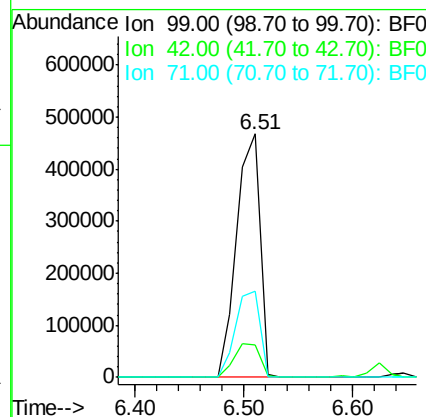
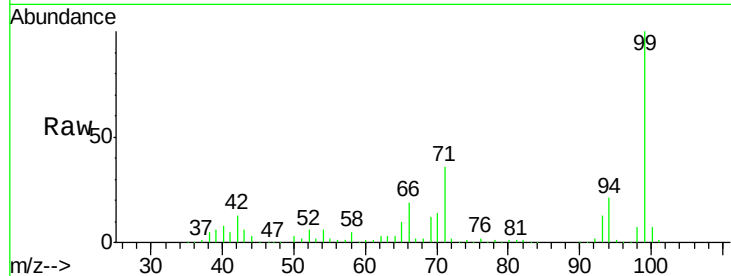
ClientSampleId :

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Tot Ion:	99	Resp:	687809
Ion Ratio	Lower	Upper	
99	100		
42	13.3	12.8	19.2
71	35.5	30.9	46.3

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#8

2-Chlorophenol

Concen: 30.51 ng

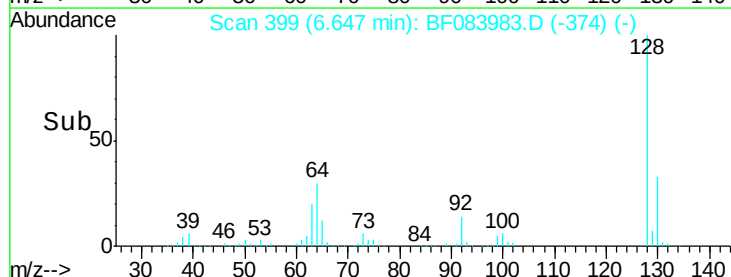
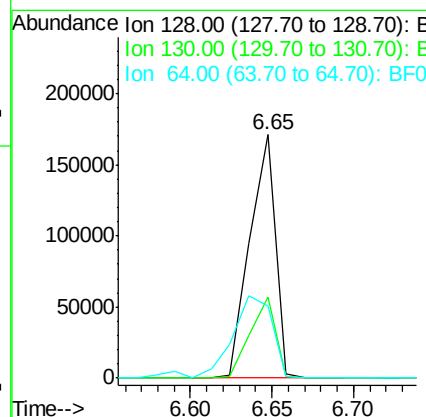
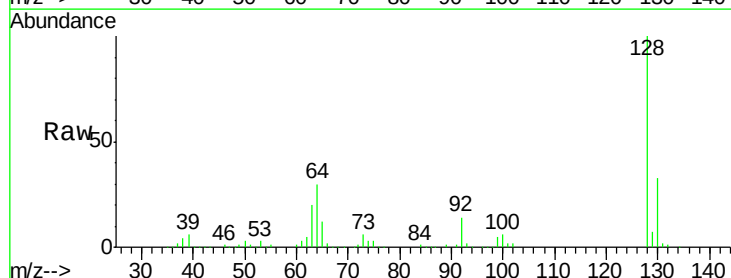
RT: 6.65 min Scan# 399

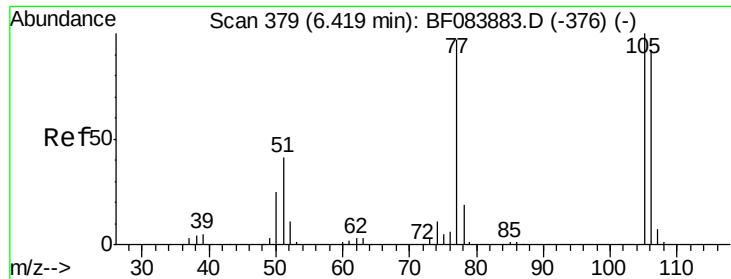
Delta R.T. -0.01 min

Lab File: BF083983.D

Acq: 20 Dec 2015 6:50

Tgt Ion:	128	Resp:	186387
Ion Ratio	Lower	Upper	
128	100		
130	33.4	11.6	51.6
64	29.7	23.8	63.8





#9

Benzaldehyde

Concen: 26.35 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.02 min

Lab File: BF083983.D

Acq: 20 Dec 2015 6:50

Instrument :

BNA_F

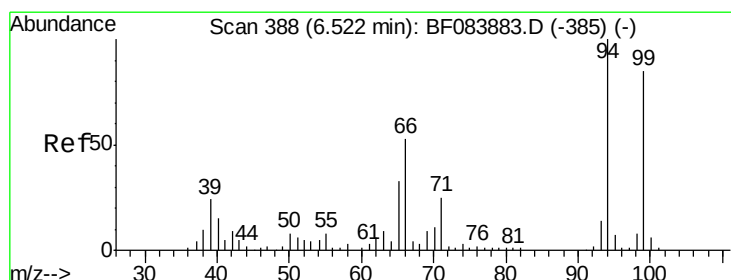
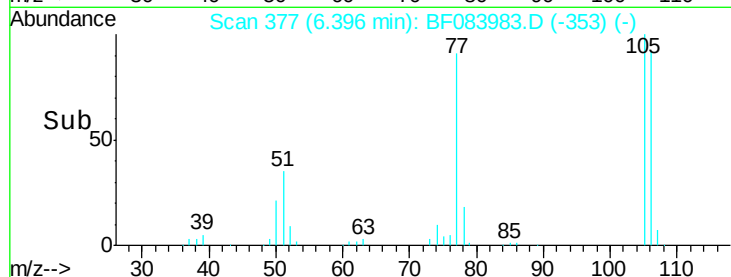
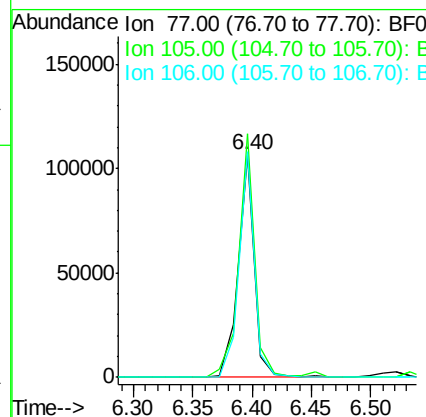
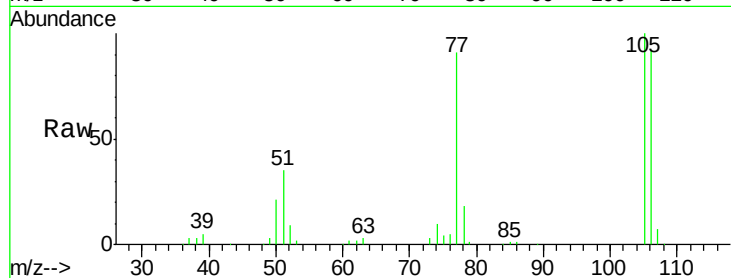
ClientSampleId :

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Tot Ion:	77	Resp:	99745
Ion Ratio	Lower	Upper	
77	100		
105	109.7	83.0	123.0
106	101.5	74.6	114.6

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#10

Phenol

Concen: 35.50 ng

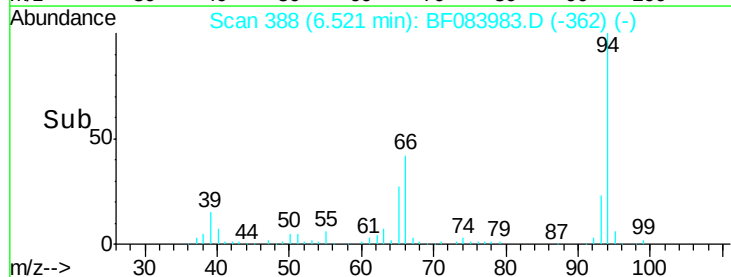
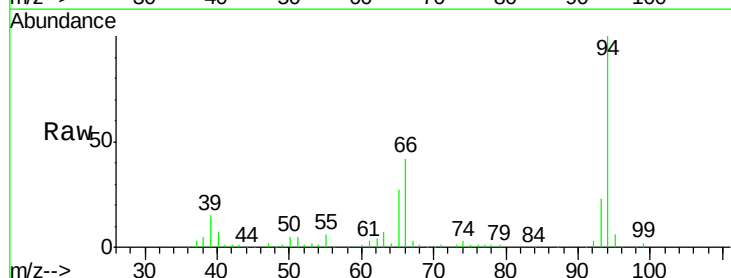
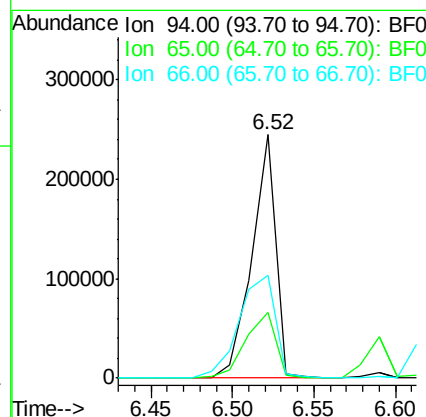
RT: 6.52 min Scan# 388

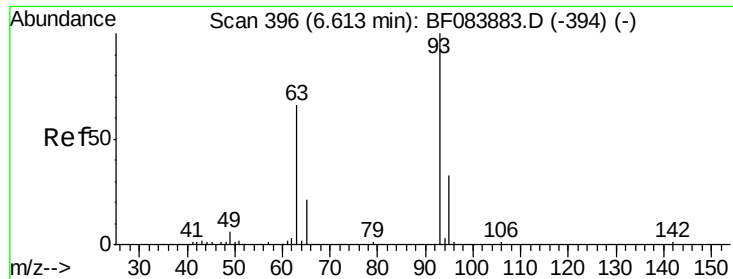
Delta R.T. -0.00 min

Lab File: BF083983.D

Acq: 20 Dec 2015 6:50

Tgt Ion:	94	Resp:	248898
Ion Ratio	Lower	Upper	
94	100		
65	27.2	12.9	52.9
66	42.0	32.7	72.7





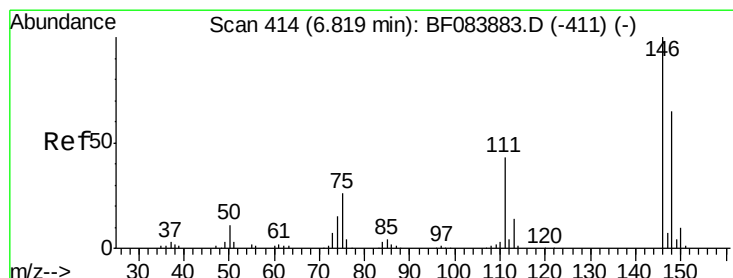
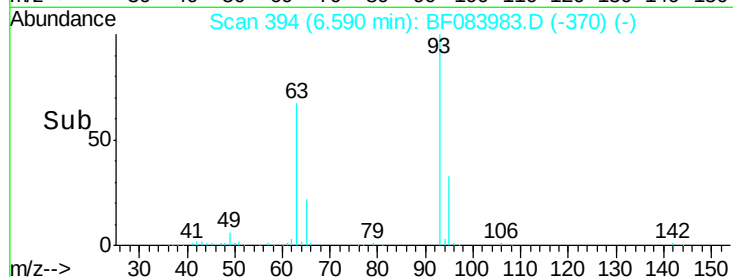
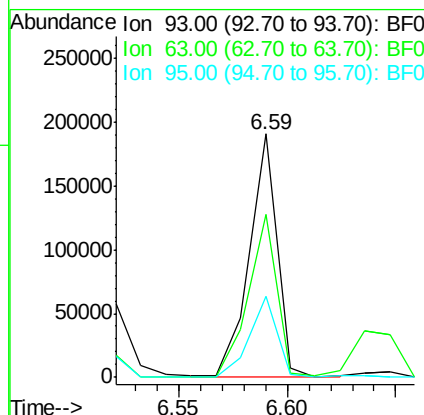
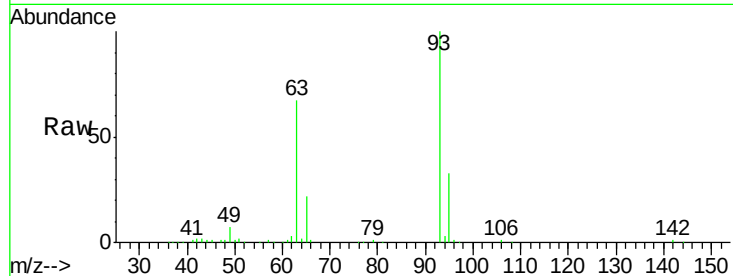
#11
bis(2-Chloroethyl)ether
Concen: 31.83 ng
RT: 6.59 min Scan# 394
Delta R.T. -0.02 min
Lab File: BF083983.D
Acq: 20 Dec 2015 6:50

Instrument :
BNA_F
ClientSampleId :
UST-8MS

Tot Ion	Ratio	Resp Lower	Upper
93	100		
63	67.0	45.9	85.9
95	33.4	12.3	52.3

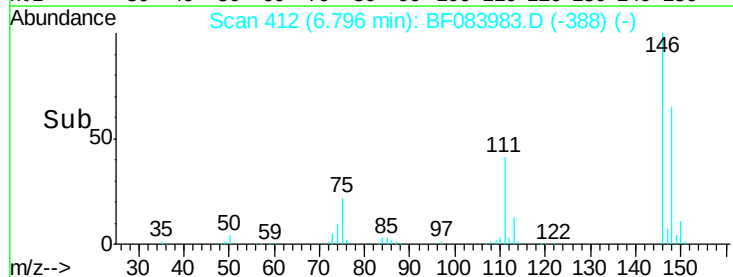
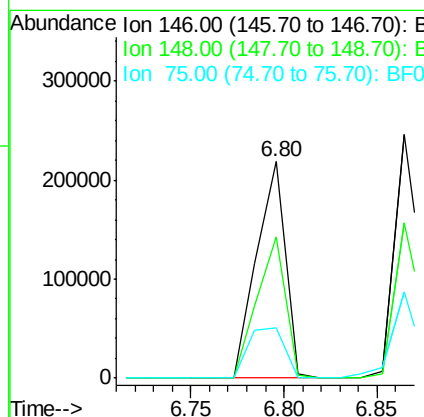
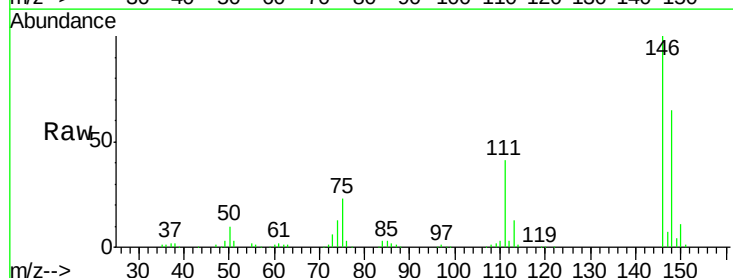
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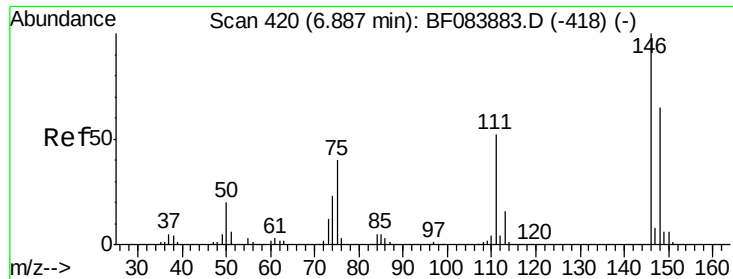
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#12
1,3-Dichlorobenzene
Concen: 35.44 ng
RT: 6.80 min Scan# 412
Delta R.T. -0.02 min
Lab File: BF083983.D
Acq: 20 Dec 2015 6:50

Tgt Ion	Ratio	Resp Lower	Upper
146	100		
148	65.0	51.9	77.9
75	23.1	20.5	30.7





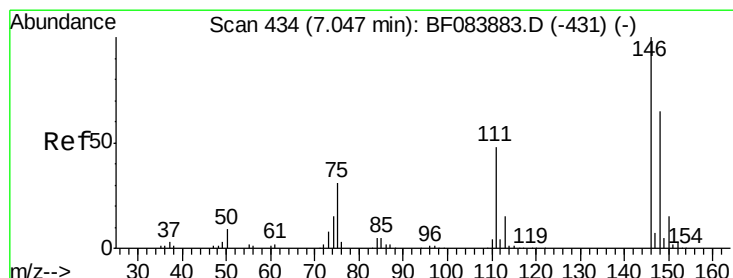
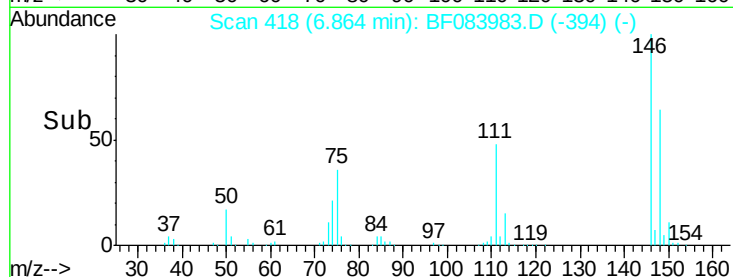
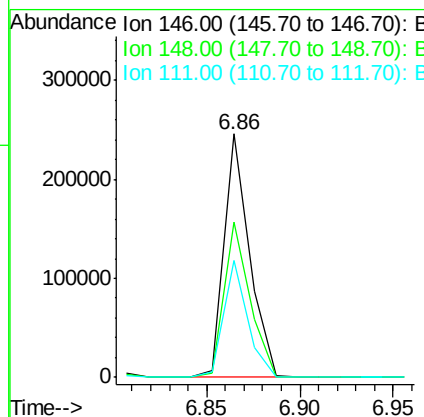
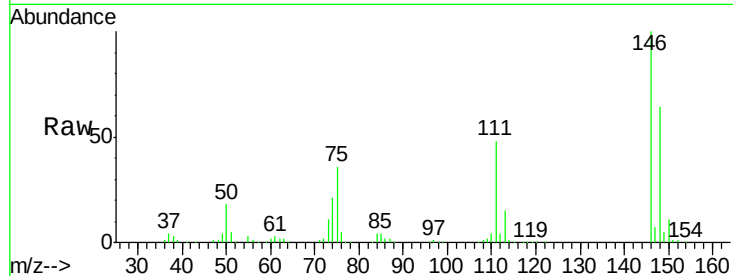
#13
 1,4-Dichlorobenzene
 Concen: 34.96 ng
 RT: 6.86 min Scan# 418
 Delta R.T. -0.02 min
 Lab File: BF083983.D
 Acq: 20 Dec 2015 6:50

Instrument :
 BNA_F
 ClientSampleId :
 UST-8MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.9	77.9
111	48.1	41.6	62.4

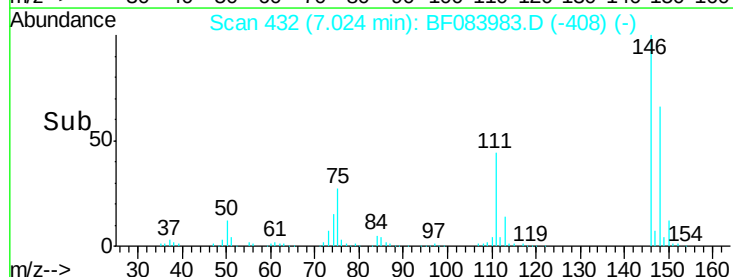
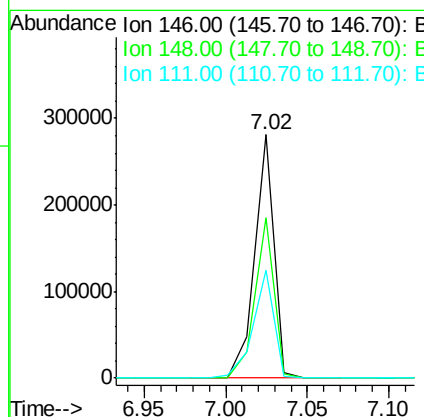
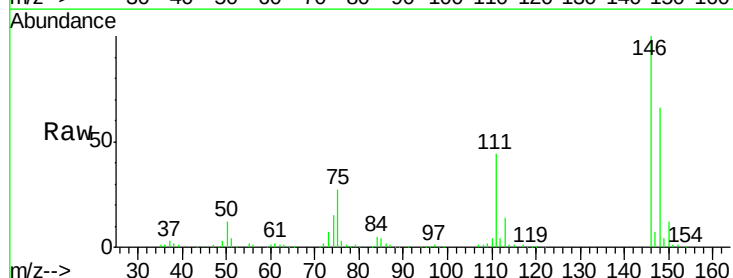
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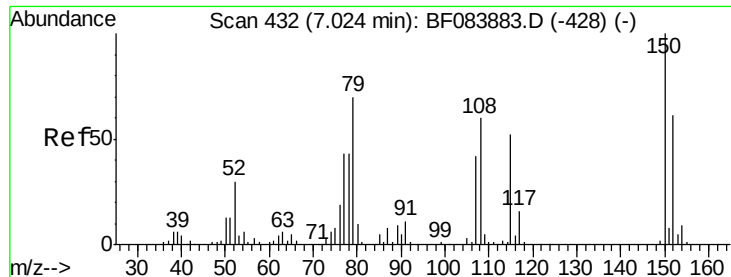
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#14
 1,2-Dichlorobenzene
 Concen: 42.61 ng
 RT: 7.02 min Scan# 432
 Delta R.T. -0.02 min
 Lab File: BF083983.D
 Acq: 20 Dec 2015 6:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.8	51.6	77.4
111	44.2	38.0	57.0





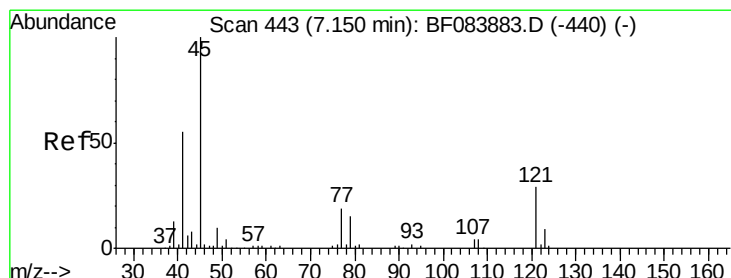
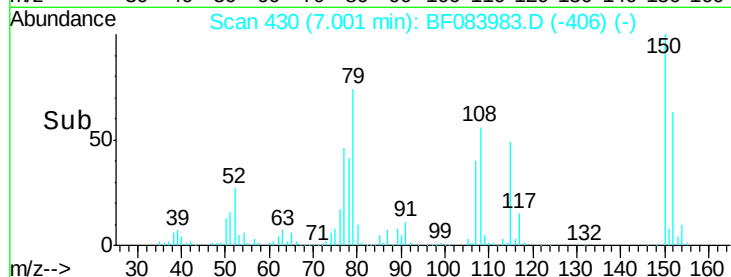
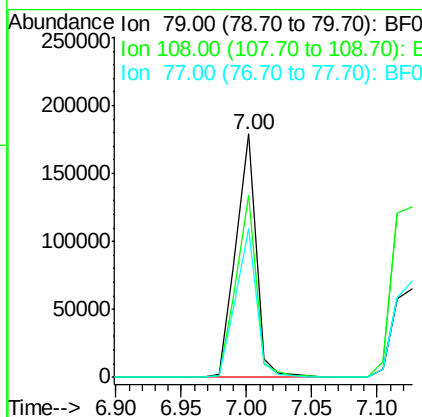
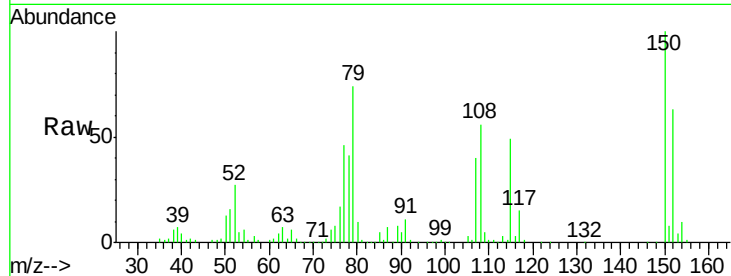
#15
Benzyl Alcohol
Concen: 40.82 ng
RT: 7.00 min Scan# 430
Delta R.T. -0.02 min
Lab File: BF083983.D
Acq: 20 Dec 2015 6:50

Instrument :
BNA_F
ClientSampled :
UST-8MS

Tot Ion	Ratio	Resp	Lower	Upper
79	100	194114		
108	75.0	69.0	103.4	
77	61.1	50.0	75.0	

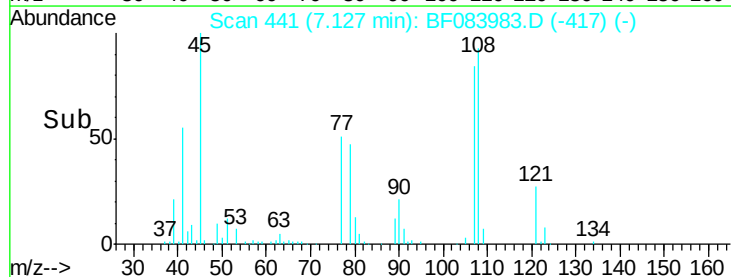
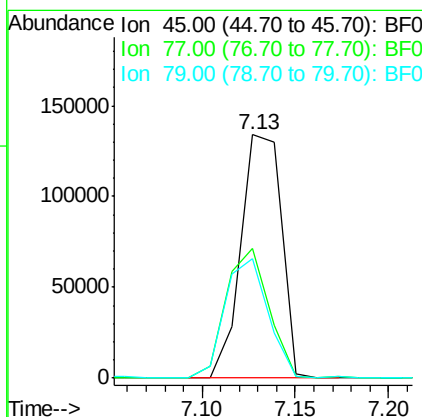
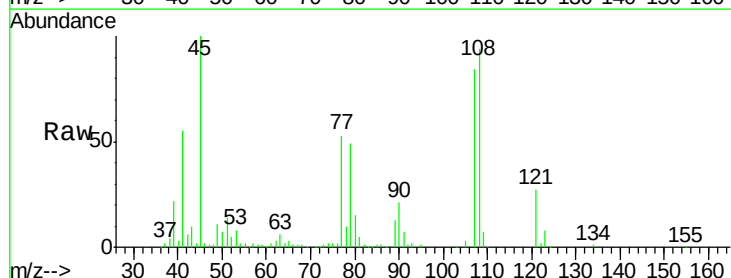
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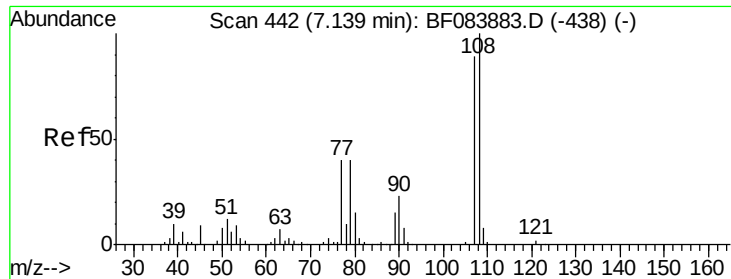
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#16
2,2'-oxybis(1-chloropropane)
Concen: 36.79 ng
RT: 7.13 min Scan# 441
Delta R.T. -0.02 min
Lab File: BF083983.D
Acq: 20 Dec 2015 6:50

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	202057		
77	53.2	0.0	39.6#	
79	48.9	0.0	35.0#	





#17

2-Methylphenol

Concen: 35.09 ng

RT: 7.13 min Scan# 441

Delta R.T. -0.01 min

Lab File: BF083983.D

Acq: 20 Dec 2015 6:50

Instrument :

BNA_F

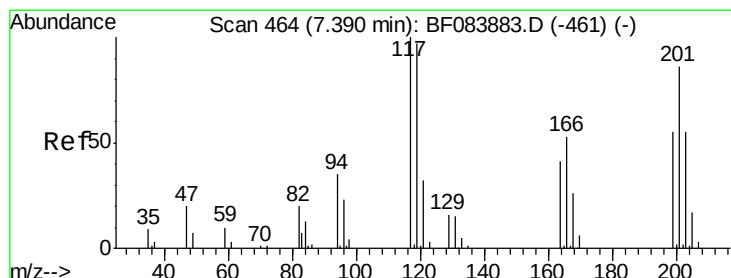
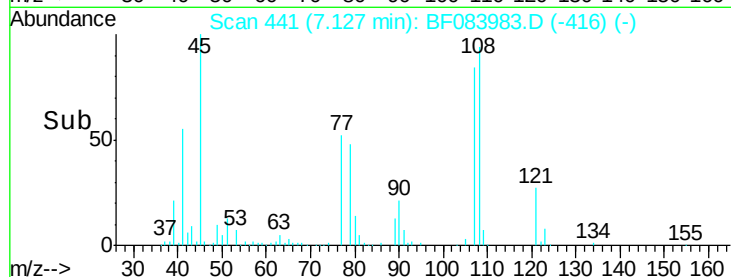
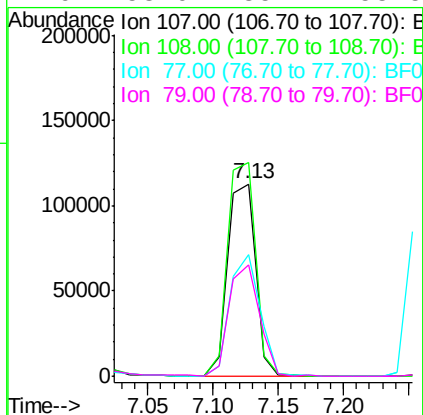
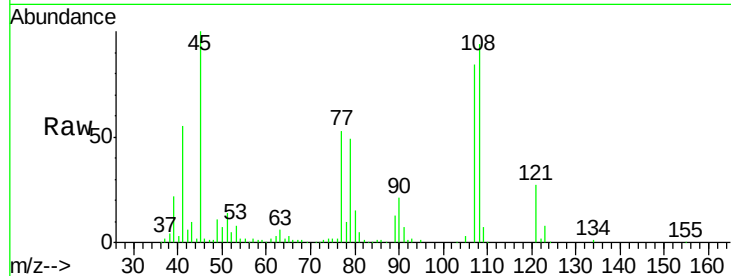
ClientSampled :

UST-8MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	168166		
108	110.9	89.8	134.6	
77	63.1	35.7	53.5#	
79	58.0	35.7	53.5#	

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#18

Hexachloroethane

Concen: 35.98 ng

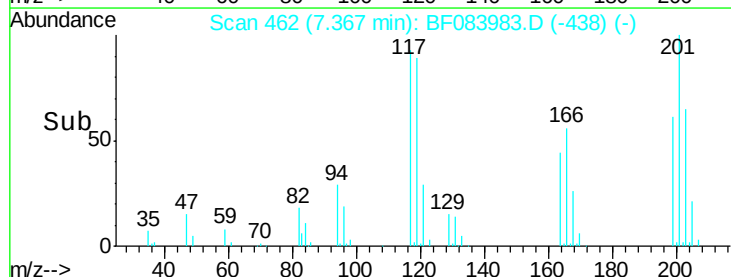
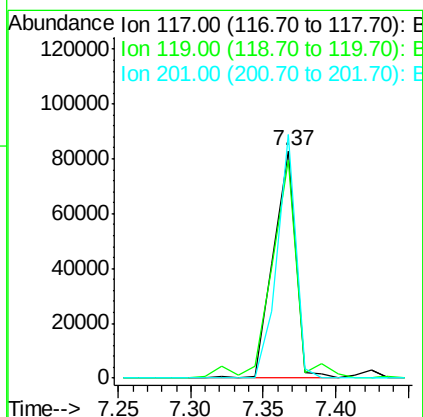
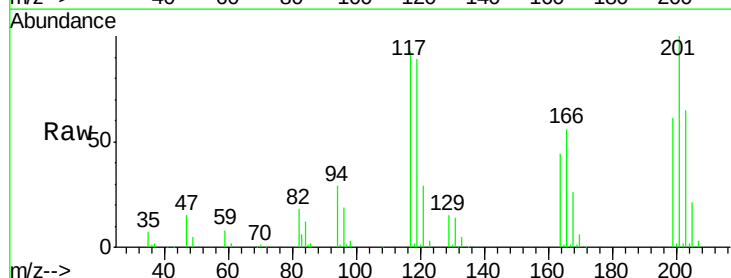
RT: 7.37 min Scan# 462

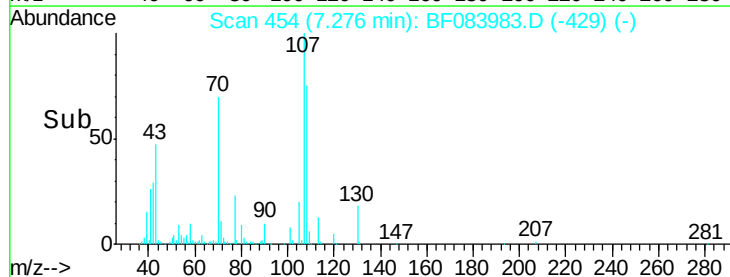
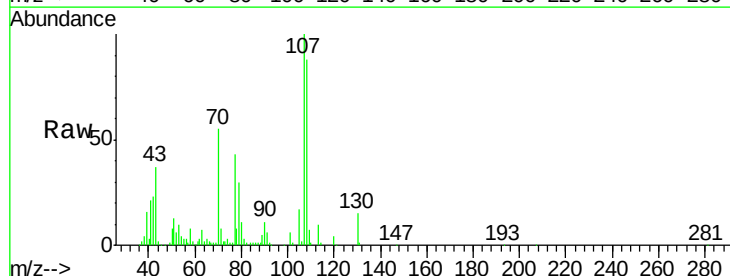
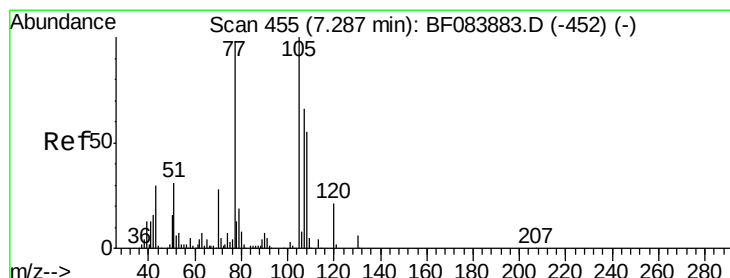
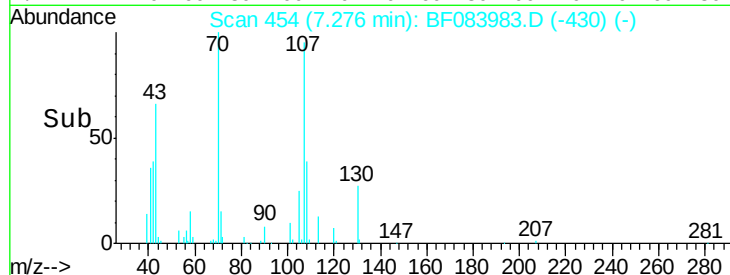
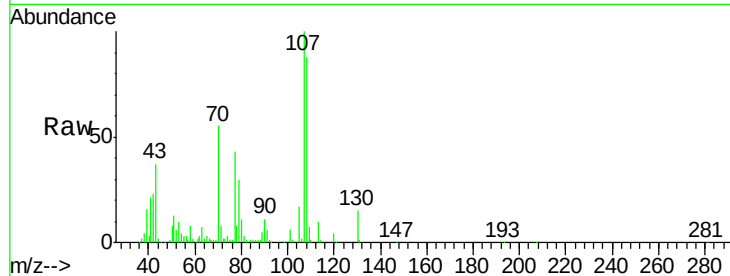
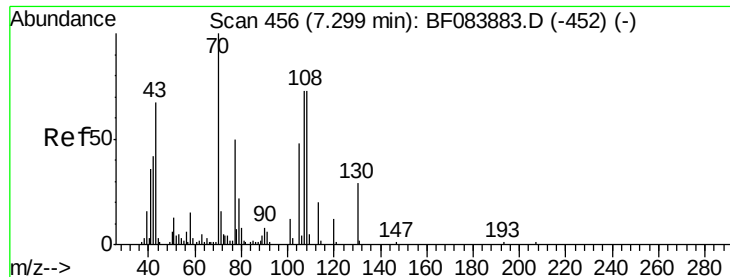
Delta R.T. -0.02 min

Lab File: BF083983.D

Acq: 20 Dec 2015 6:50

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	88560		
119	95.7	77.4	116.0	
201	107.1	68.6	103.0#	





#19

n-Nitroso-di-n-propylamine

Concen: 40.88 ng

RT: 7.28 min Scan# 454

Delta R.T. -0.02 min

Lab File: BF083983.D

Acq: 20 Dec 2015 6:50

Instrument :

BNA_F

ClientSampleId :

UST-8MS

Tot Ion: 70 Resp: 149758

Ion Ratio Lower Upper

70 100

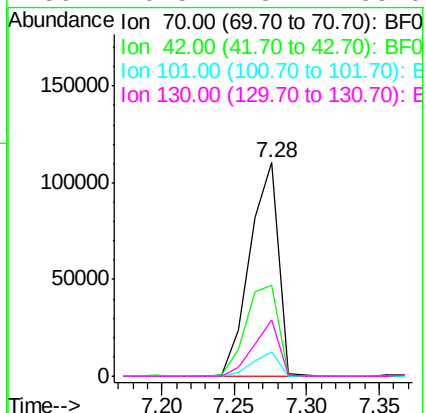
42 42.6 33.3 49.9

101 11.2 9.3 13.9

130 26.5 23.4 35.0

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#20

3+4-Methylphenols

Concen: 39.15 ng

RT: 7.28 min Scan# 454

Delta R.T. -0.01 min

Lab File: BF083983.D

Acq: 20 Dec 2015 6:50

Tgt Ion: 107 Resp: 220477

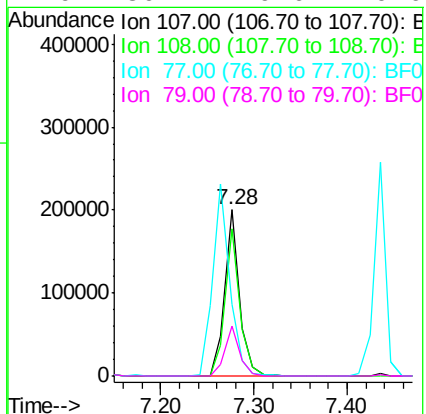
Ion Ratio Lower Upper

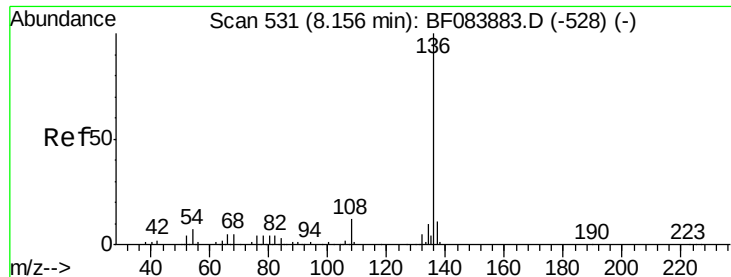
107 100

108 88.4 64.1 104.1

77 43.5 128.9 168.9#

79 30.2 9.6 49.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 529

Delta R.T. -0.02 min

Lab File: BF083983.D

Acq: 20 Dec 2015 6:50

Instrument :

BNA_F

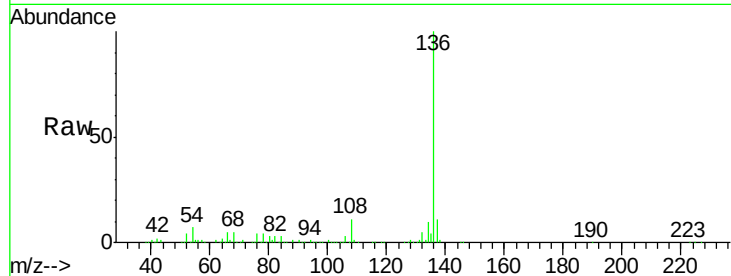
ClientSampleId :

UST-8MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	309743		
137	10.9		8.7	13.1
54	6.7		5.8	8.8
68	5.0		4.2	6.2

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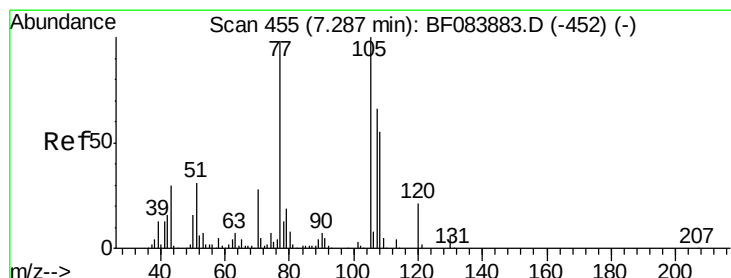
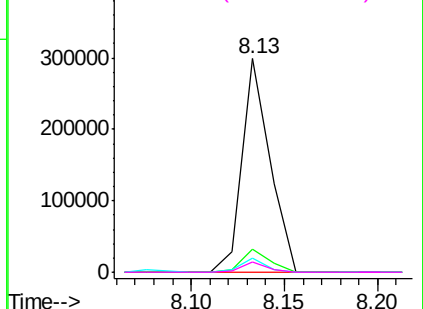
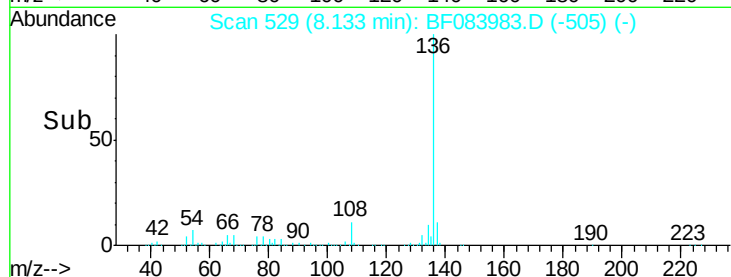


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 40.90 ng

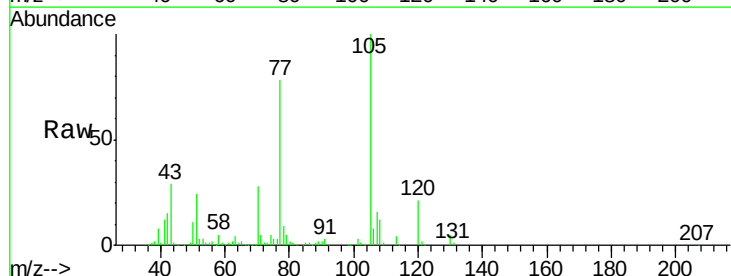
RT: 7.26 min Scan# 453

Delta R.T. -0.02 min

Lab File: BF083983.D

Acq: 20 Dec 2015 6:50

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	304959		
71	4.7		3.7	5.5
51	23.6		25.1	37.7#
120	21.2		16.6	25.0

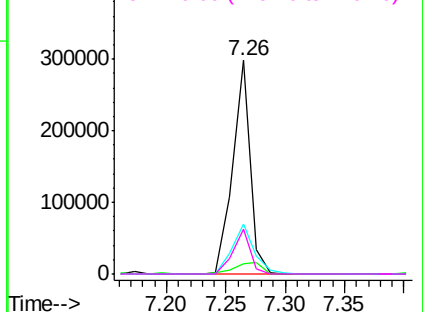
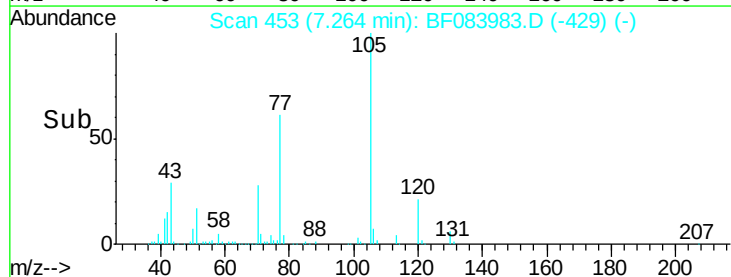


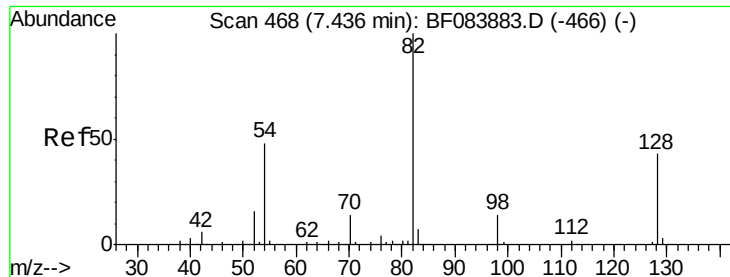
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





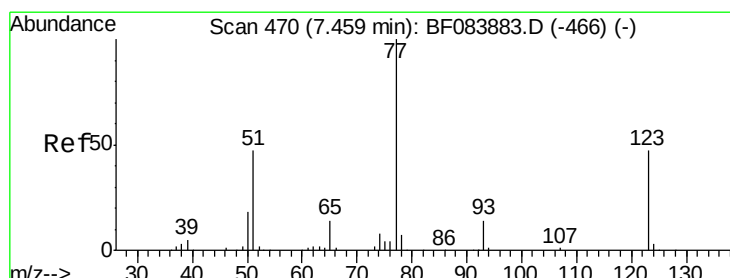
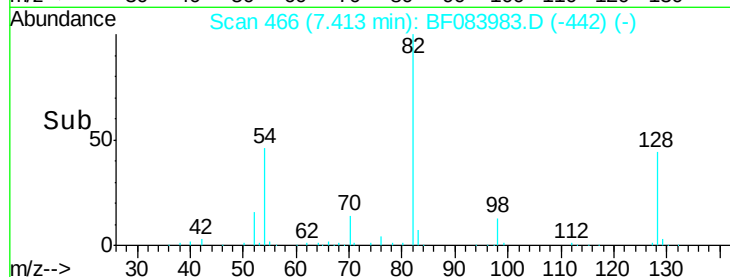
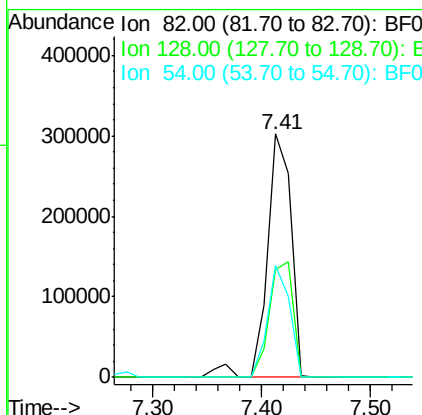
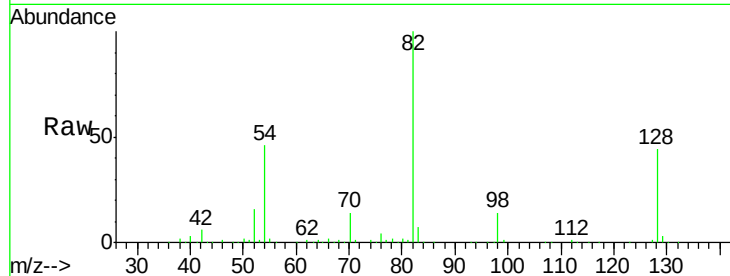
#23
 Nitrobenzene-d5
 Concen: 85.22 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.02 min
 Lab File: BF083983.D
 Acq: 20 Dec 2015 6:50

Instrument :
 BNA_F
 ClientSampleId :
 UST-8MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.5	34.6	51.8
54	45.9	38.4	57.6

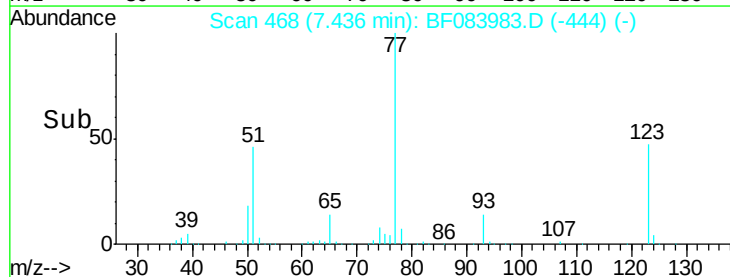
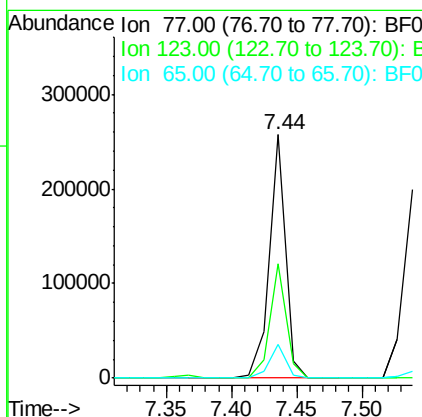
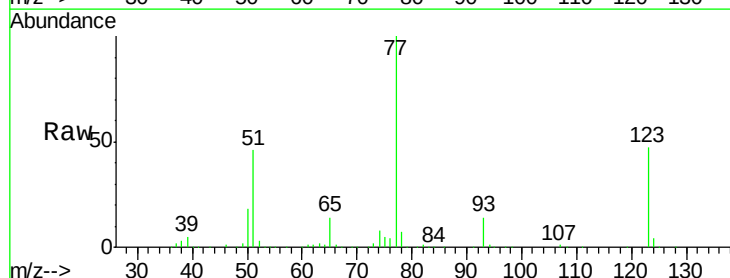
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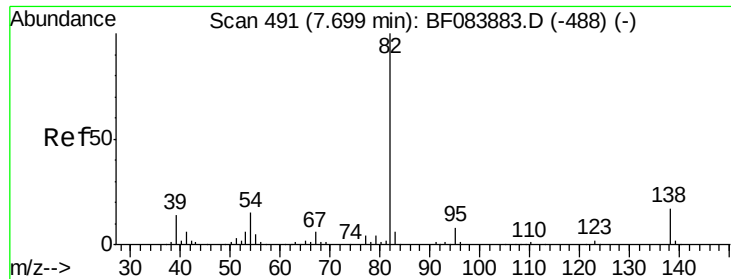
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#24
 Nitrobenzene
 Concen: 40.45 ng
 RT: 7.44 min Scan# 468
 Delta R.T. -0.02 min
 Lab File: BF083983.D
 Acq: 20 Dec 2015 6:50

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.9	37.4	56.2
65	13.7	10.9	16.3





#25

Isophorone

Concen: 32.18 ng

RT: 7.68 min Scan# 489

Delta R.T. -0.02 min

Lab File: BF083983.D

Acq: 20 Dec 2015 6:50

Instrument :

BNA_F

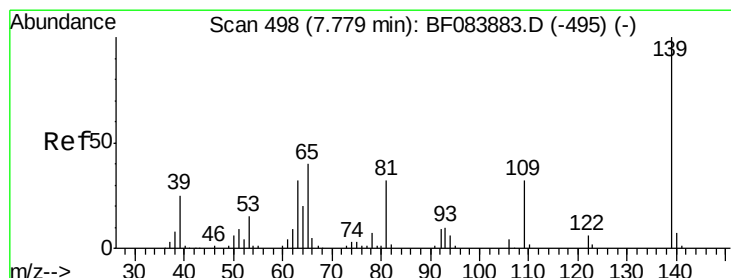
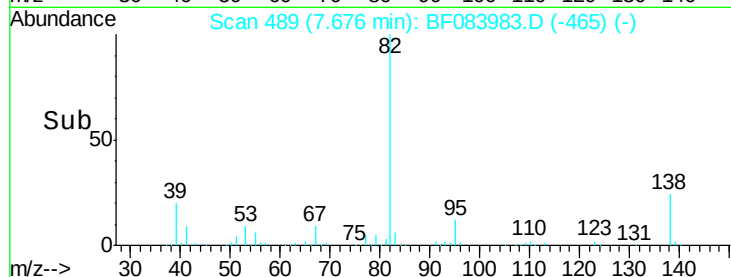
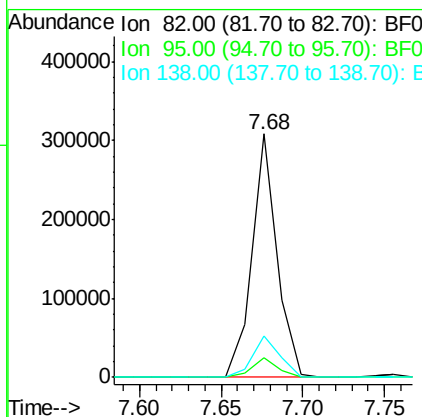
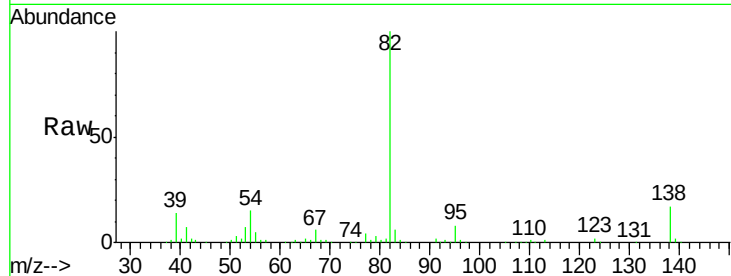
ClientSampleId :

UST-8MS

Tot Ion:	82	Resp:	328554
Ion Ratio	Lower	Upper	
82	100		
95	8.2	6.6	10.0
138	17.2	13.6	20.4

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#26

2-Nitrophenol

Concen: 37.23 ng

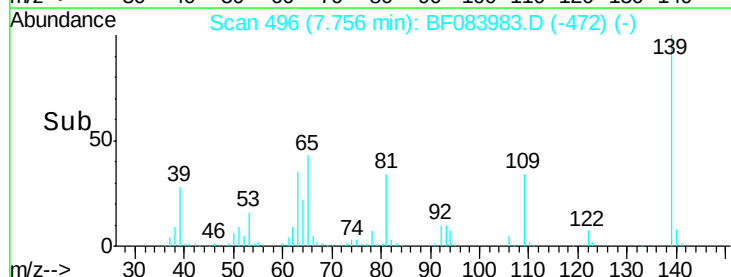
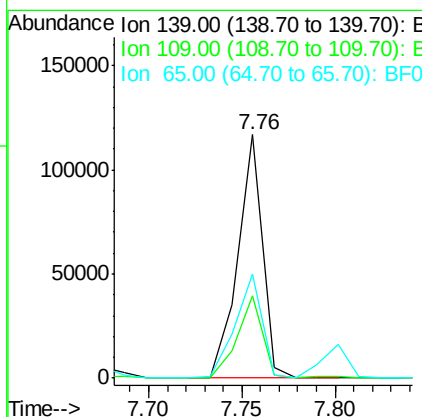
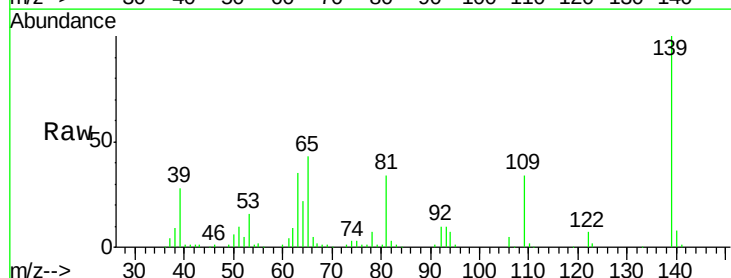
RT: 7.76 min Scan# 496

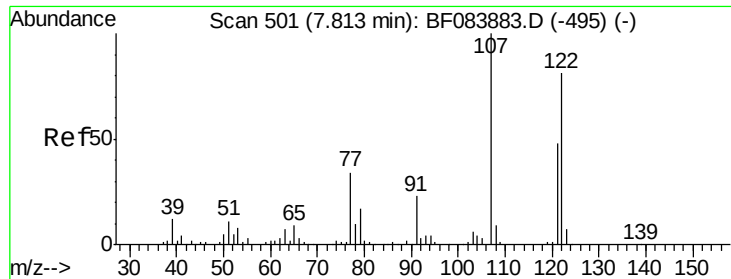
Delta R.T. -0.02 min

Lab File: BF083983.D

Acq: 20 Dec 2015 6:50

Tgt Ion:	139	Resp:	108174
Ion Ratio	Lower	Upper	
139	100		
109	34.0	25.4	38.2
65	42.6	32.3	48.5





#27

2,4-Dimethylphenol

Concen: 33.61 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.01 min

Lab File: BF083983.D

Acq: 20 Dec 2015 6:50

Instrument :

BNA_F

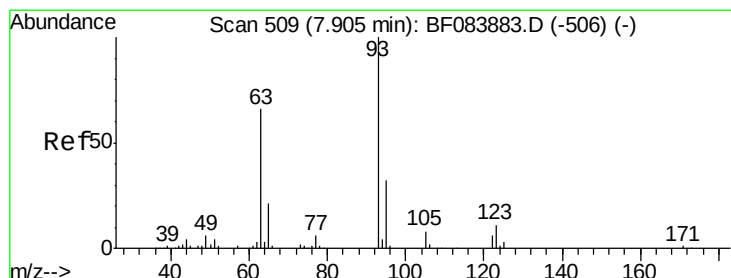
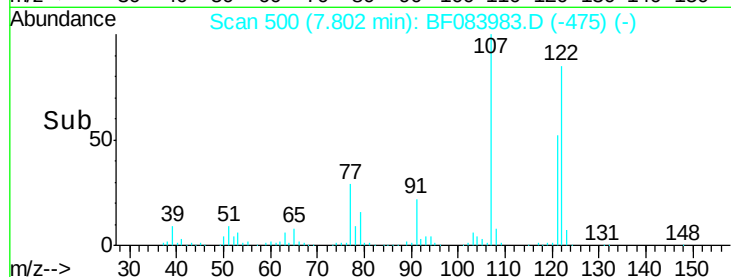
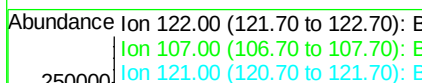
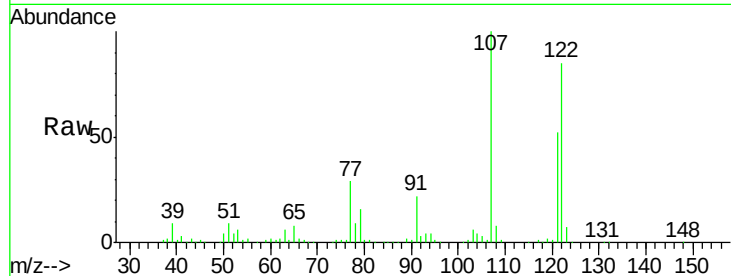
ClientSampleId :

UST-8MS

Tot Ion:	122	Resp:	168214
Ion Ratio	Lower	Upper	
122	100		
107	117.1	99.1	148.7
121	60.7	47.9	71.9

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#28

bis(2-Chloroethoxy)methane

Concen: 34.52 ng

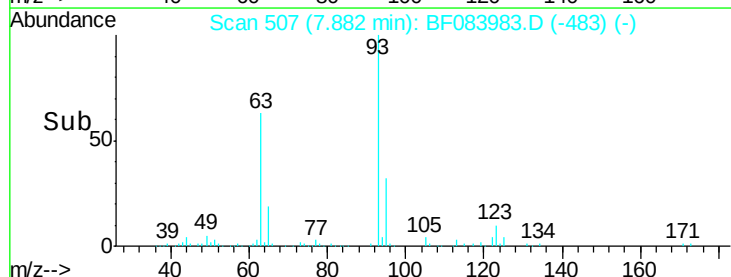
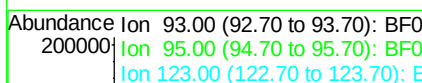
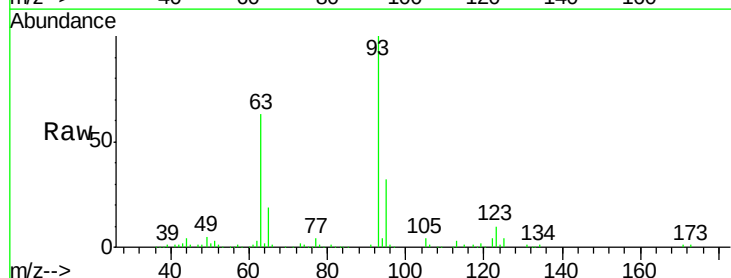
RT: 7.88 min Scan# 507

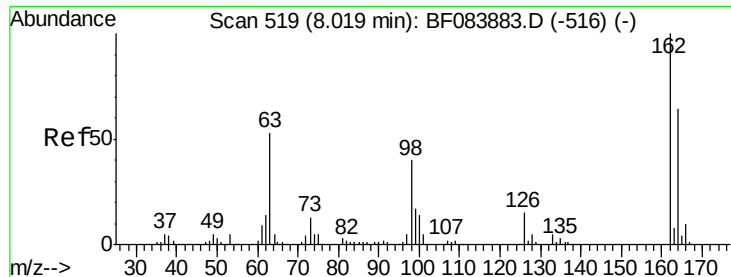
Delta R.T. -0.02 min

Lab File: BF083983.D

Acq: 20 Dec 2015 6:50

Tgt Ion:	93	Resp:	208483
Ion Ratio	Lower	Upper	
93	100		
95	31.9	25.8	38.6
123	10.5	8.6	12.8





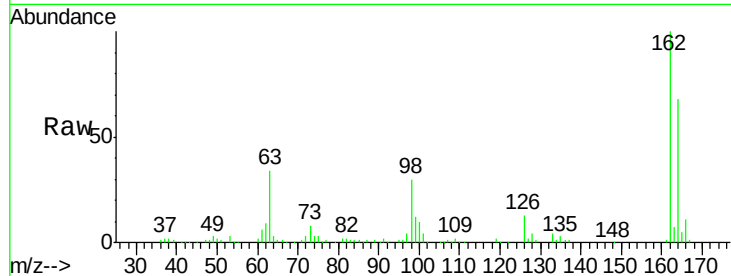
#29
 2,4-Dichlorophenol
 Concen: 35.49 ng
 RT: 8.01 min Scan# 518
 Delta R.T. -0.01 min
 Lab File: BF083983.D
 Acq: 20 Dec 2015 6:50

Instrument :
 BNA_F
 ClientSampleId :
 UST-8MS

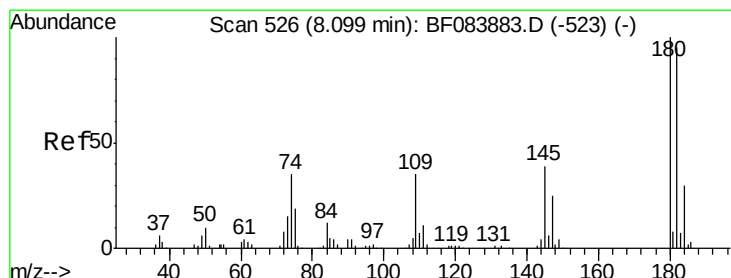
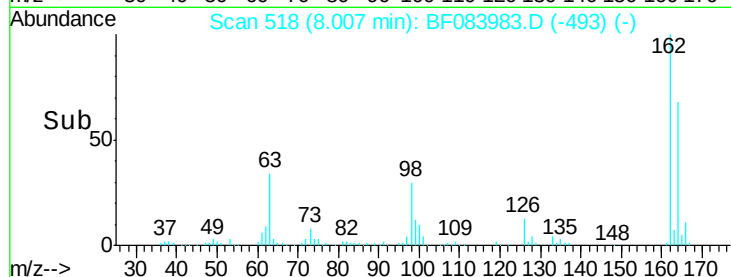
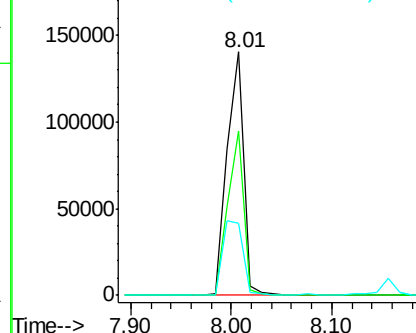
Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	67.7	44.1	84.1
98	29.6	20.2	60.2

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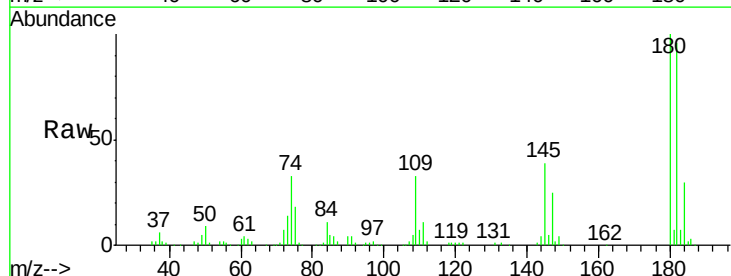


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BFO

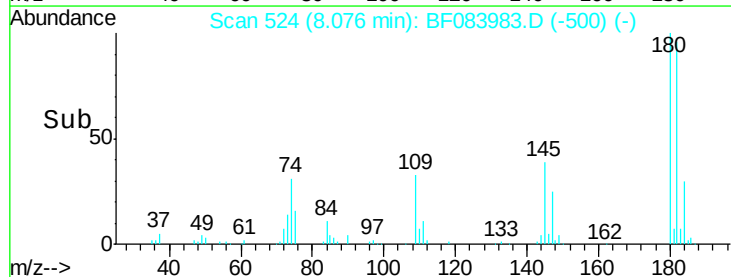
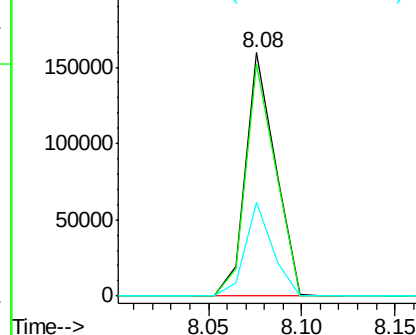


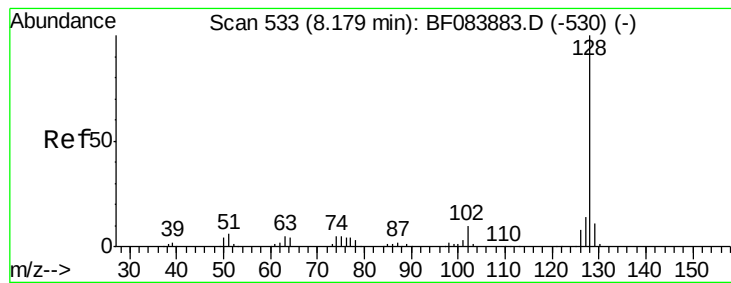
#30
 1,2,4-Trichlorobenzene
 Concen: 36.05 ng
 RT: 8.08 min Scan# 524
 Delta R.T. -0.02 min
 Lab File: BF083983.D
 Acq: 20 Dec 2015 6:50

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.5	76.4	114.6
145	38.8	31.6	47.4



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 38.74 ng

RT: 8.16 min Scan# 531

Delta R.T. -0.02 min

Lab File: BF083983.D

Acq: 20 Dec 2015 6:50

Instrument :

BNA_F

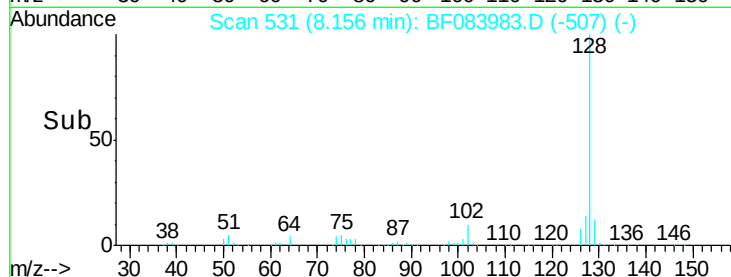
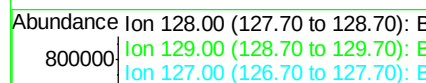
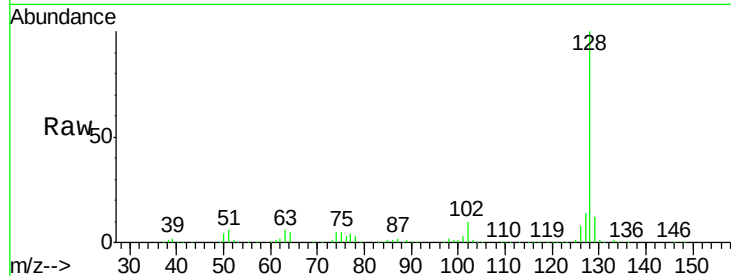
ClientSampleId :

UST-8MS

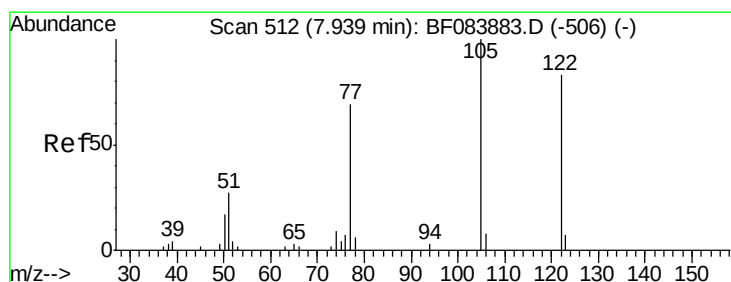
Tot Ion:	128	Resp:	609316
Ion Ratio	Lower	Upper	
128	100		
129	11.9	9.1	13.7
127	14.0	11.1	16.7

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#32

Benzoic acid

Concen: 16.80 ng

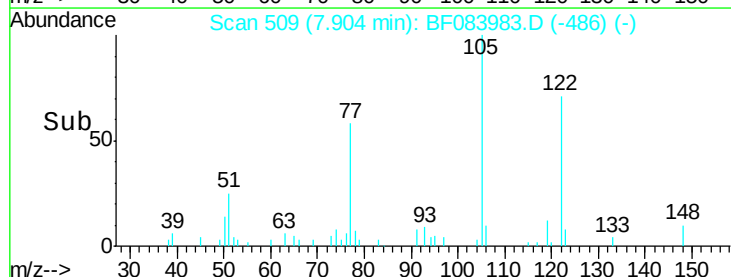
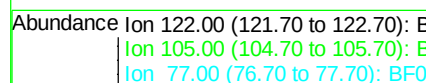
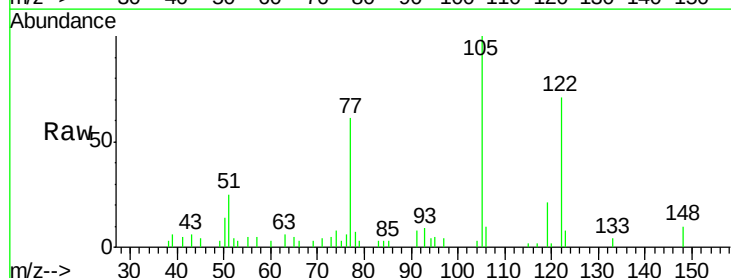
RT: 7.90 min Scan# 509

Delta R.T. -0.03 min

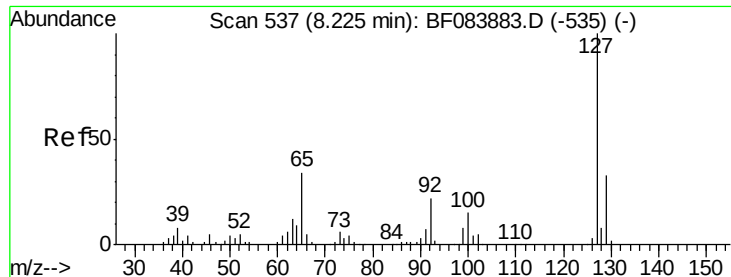
Lab File: BF083983.D

Acq: 20 Dec 2015 6:50

Tgt Ion:	122	Resp:	22518
Ion Ratio	Lower	Upper	
122	100		
105	141.7	100.3	140.3#
77	86.3	63.5	103.5



Time-->



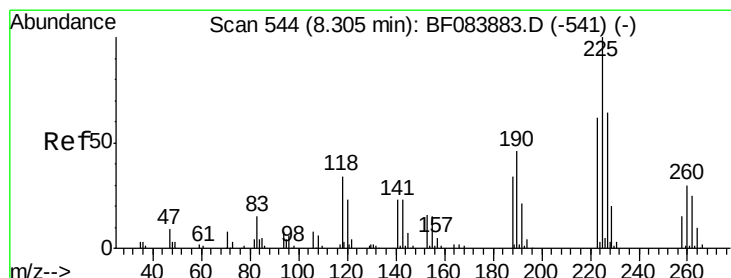
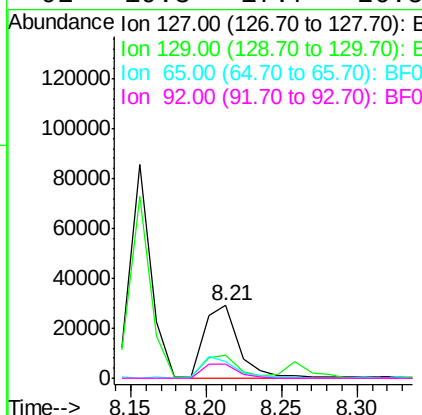
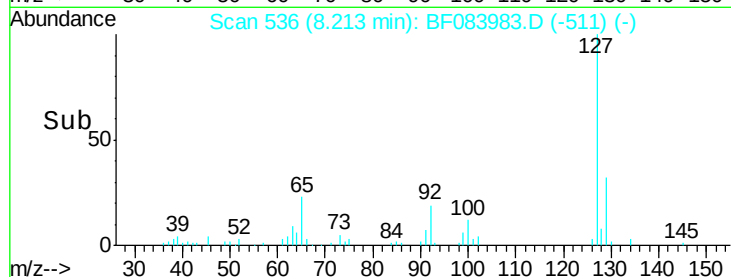
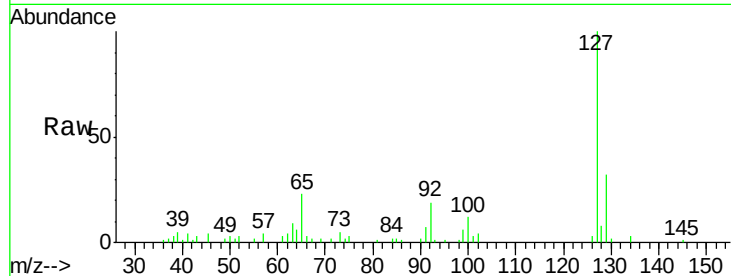
#33
4-Chloroaniline
Concen: 6.72 ng/ml
RT: 8.21 min Scan# 536
Delta R.T. -0.01 min
Lab File: BF083983.D
Acq: 20 Dec 2015 6:50

Instrument :
BNA_F
ClientSampleId :
UST-8MS

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.6	26.5	39.7
65	23.0	27.2	40.8
92	19.3	17.7	26.5

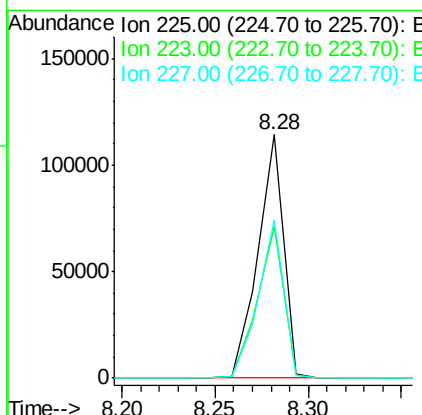
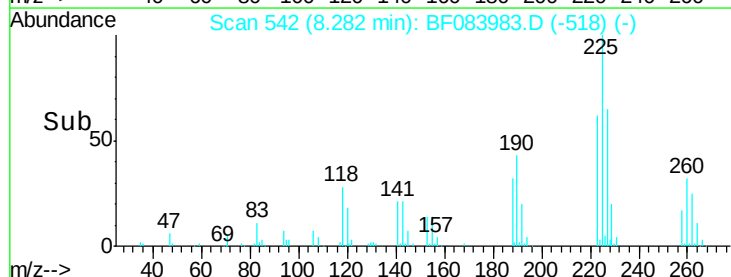
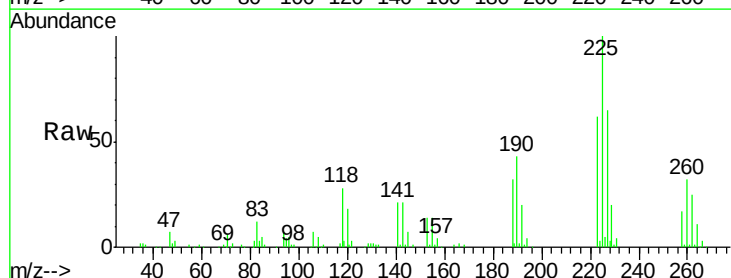
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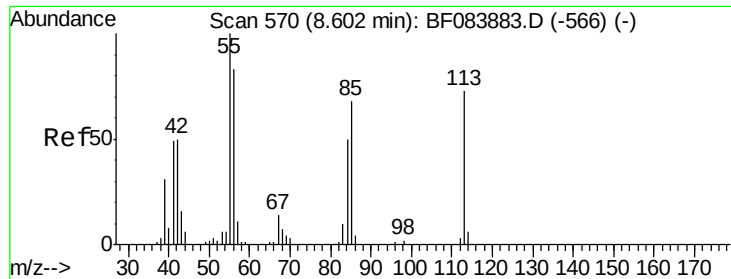
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#34
Hexachlorobutadiene
Concen: 35.51 ng/ml
RT: 8.28 min Scan# 542
Delta R.T. -0.02 min
Lab File: BF083983.D
Acq: 20 Dec 2015 6:50

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	49.4	74.0
227	64.6	50.8	76.2





#35

Caprolactam

Concen: 39.45 ng/mL

RT: 8.58 min Scan# 568

Delta R.T. -0.02 min

Lab File: BF083983.D

Acq: 20 Dec 2015 6:50

Instrument :

BNA_F

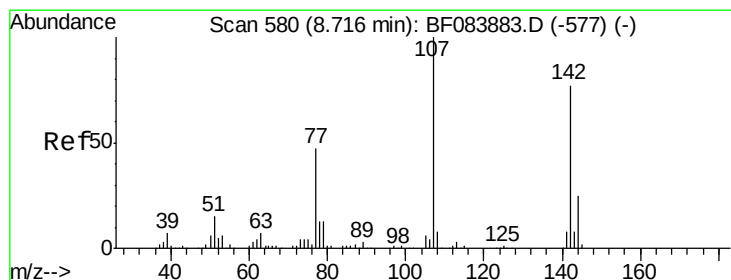
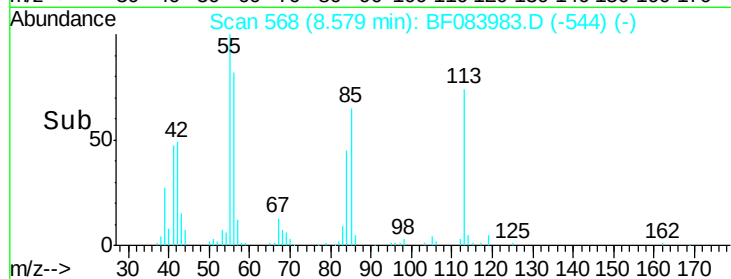
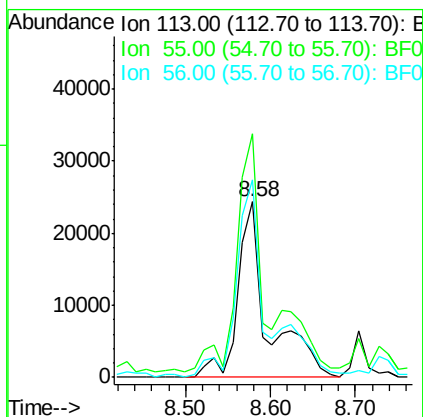
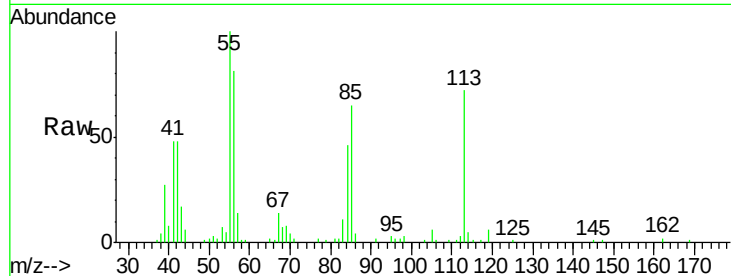
ClientSampleId :

UST-8MS

Tot Ion:	113	Resp:	59177
Ion Ratio	Lower	Upper	
113	100		
55	138.8	116.9	156.9
56	112.7	93.8	133.8

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#36

4-Chloro-3-methylphenol

Concen: 39.21 ng/mL

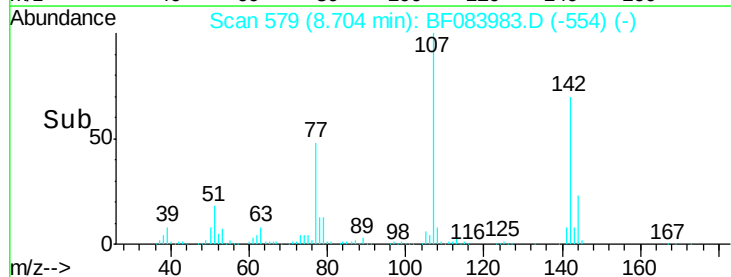
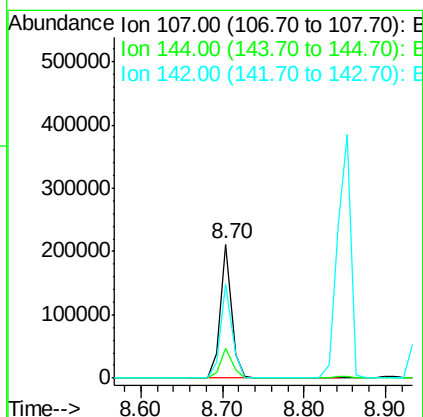
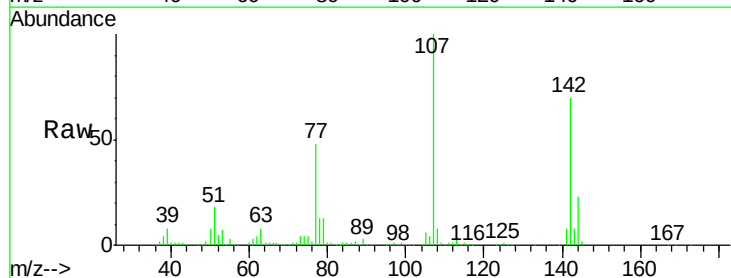
RT: 8.70 min Scan# 579

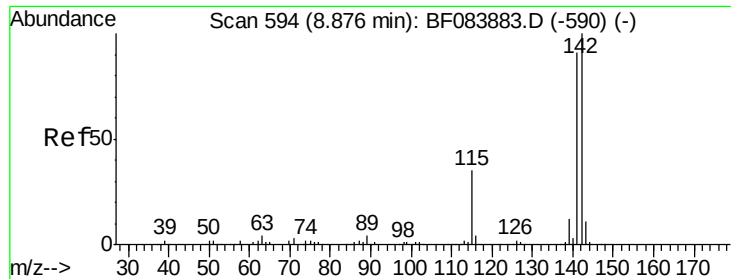
Delta R.T. -0.01 min

Lab File: BF083983.D

Acq: 20 Dec 2015 6:50

Tgt Ion:	107	Resp:	202089
Ion Ratio	Lower	Upper	
107	100		
144	22.8	19.7	29.5
142	70.1	61.8	92.6





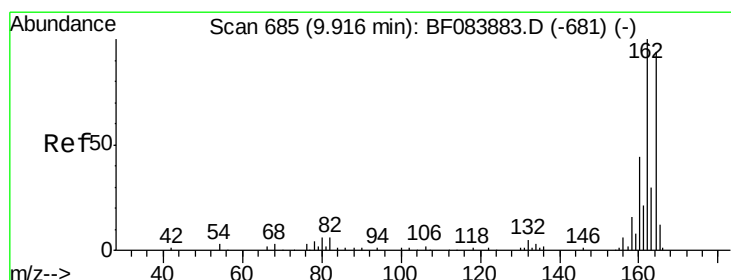
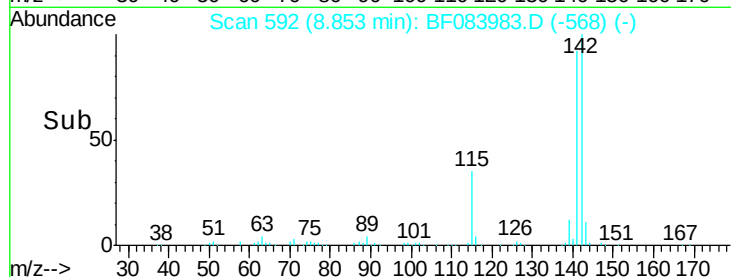
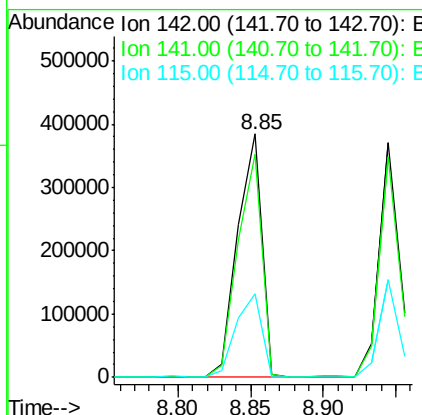
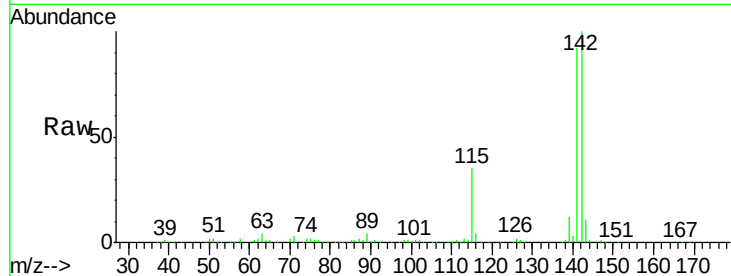
#37
2-Methylnaphthalene
Concen: 41.54 ng
RT: 8.85 min Scan# 592
Delta R.T. -0.02 min
Lab File: BF083983.D
Acq: 20 Dec 2015 6:50

Instrument :
BNA_F
ClientSampleId :
UST-8MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.8	72.4	108.6
115	34.6	27.9	41.9

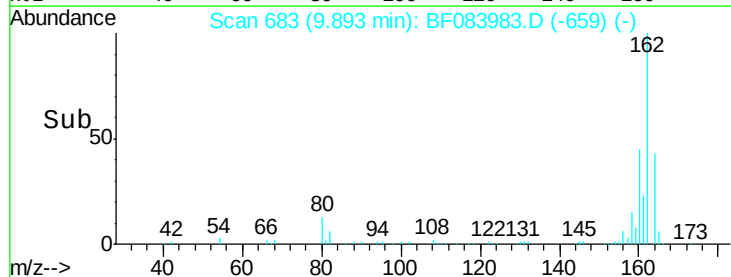
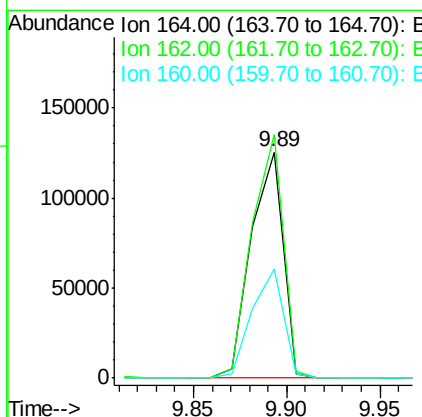
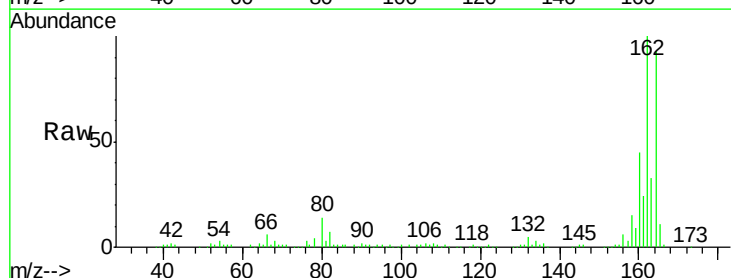
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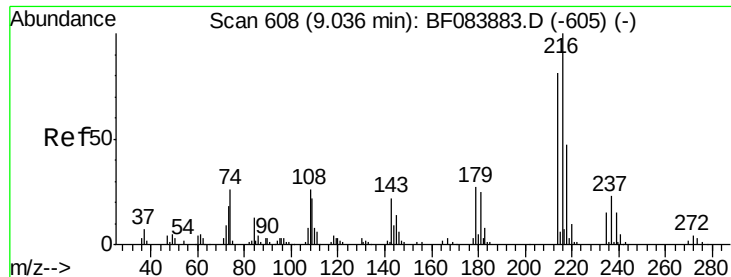
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.02 min
Lab File: BF083983.D
Acq: 20 Dec 2015 6:50

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.8	85.1	127.7
160	48.5	37.5	56.3





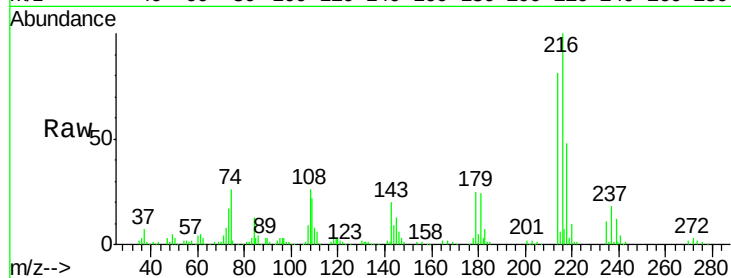
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.72 ng
 RT: 9.01 min Scan# 606
 Delta R.T. -0.02 min
 Lab File: BF083983.D
 Acq: 20 Dec 2015 6:50

Instrument :
 BNA_F
 ClientSampleId :
 UST-8MS

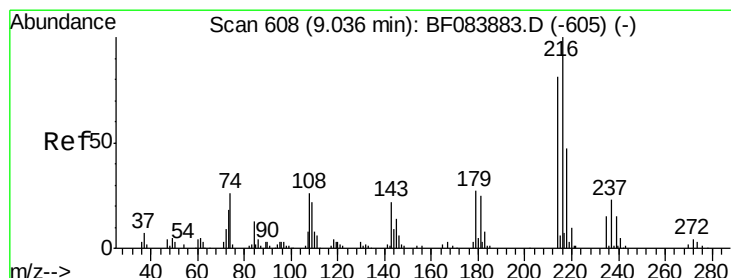
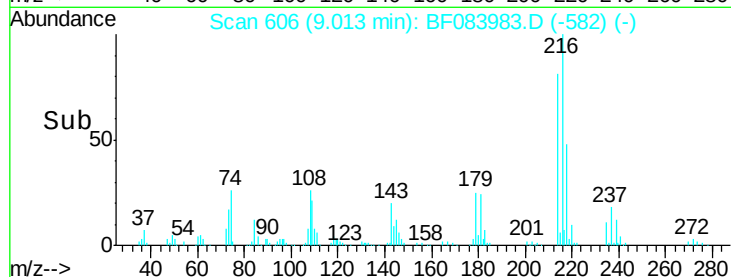
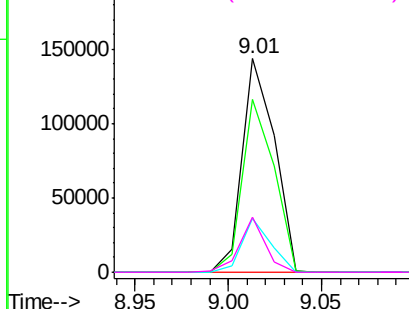
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	79.6	64.2	96.2		
179	22.5	18.7	28.1		
108	21.1	16.8	25.2		

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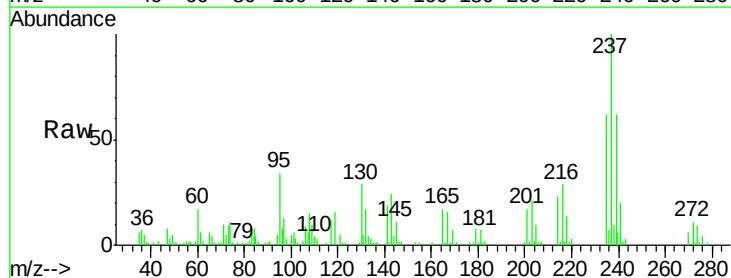


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

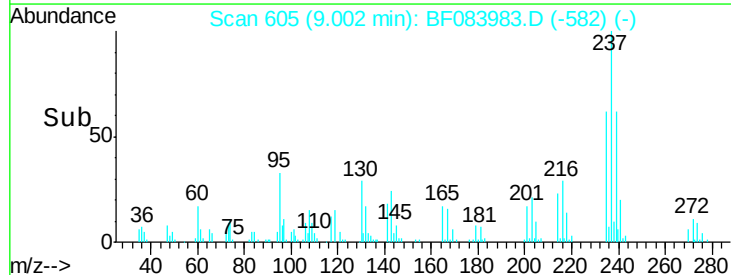
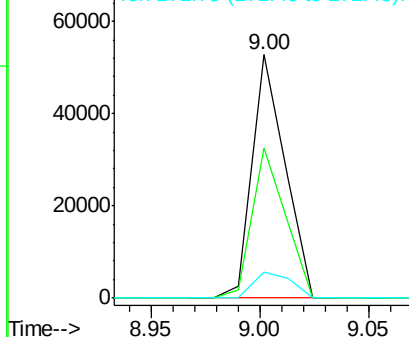


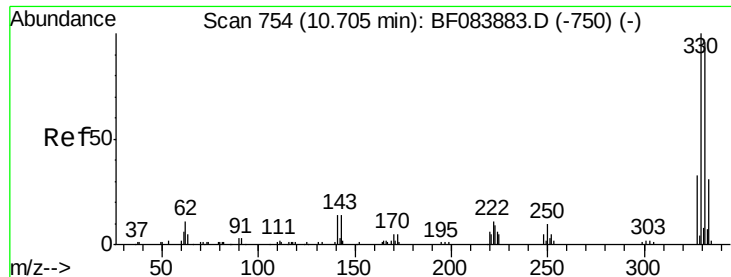
#40
 Hexachlorocyclopentadiene
 Concen: 45.83 ng
 RT: 9.00 min Scan# 605
 Delta R.T. -0.03 min
 Lab File: BF083983.D
 Acq: 20 Dec 2015 6:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	61.8	43.1	83.1		
272	10.9	0.0	35.1		



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





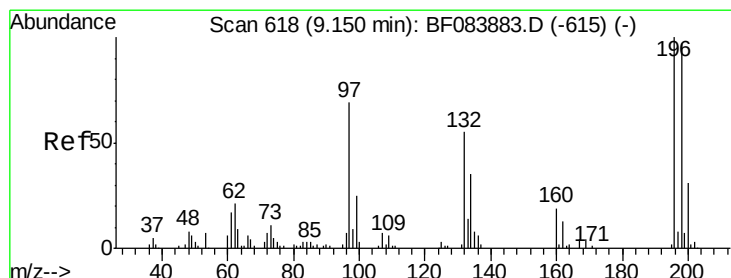
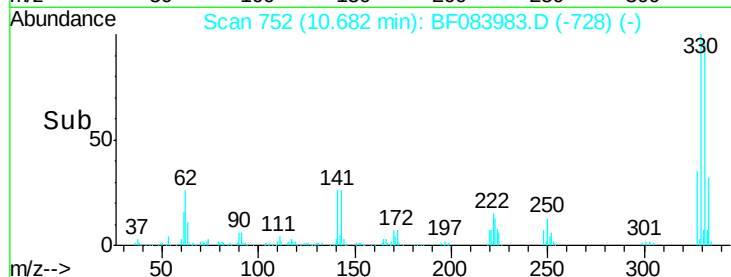
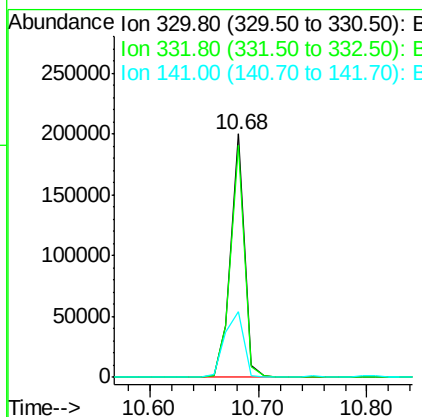
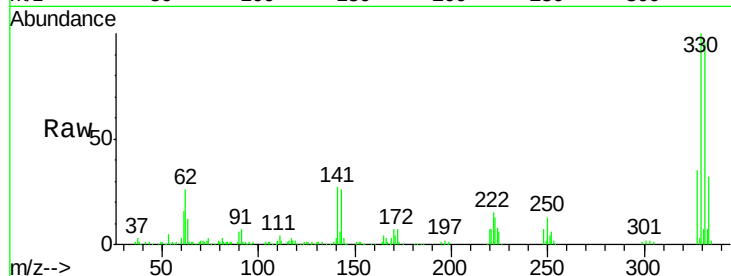
#41
 2,4,6-Tribromophenol
 Concen: 107.46 ng
 RT: 10.68 min Scan# 752
 Delta R.T. -0.02 min
 Lab File: BF083983.D
 Acq: 20 Dec 2015 6:50

Instrument :
 BNA_F
 ClientSampleId :
 UST-8MS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	176428		
332	96.4	76.6	114.8	
141	38.3	27.8	41.6	

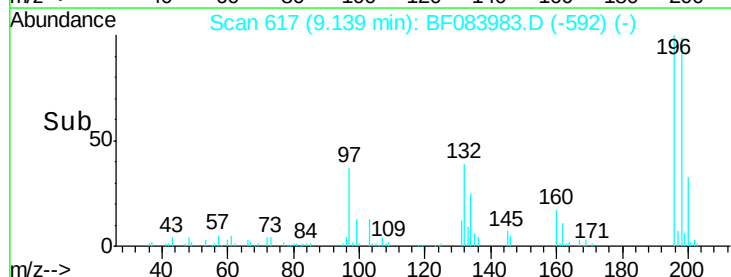
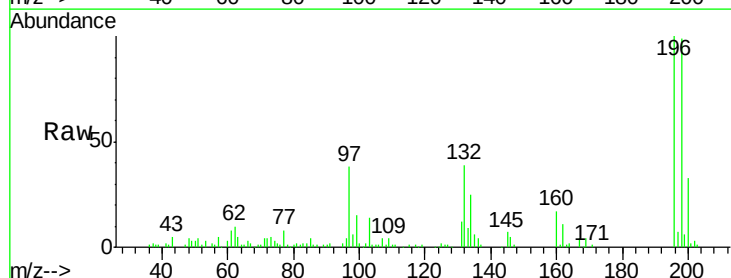
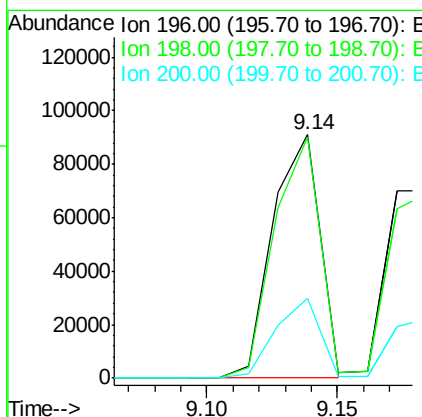
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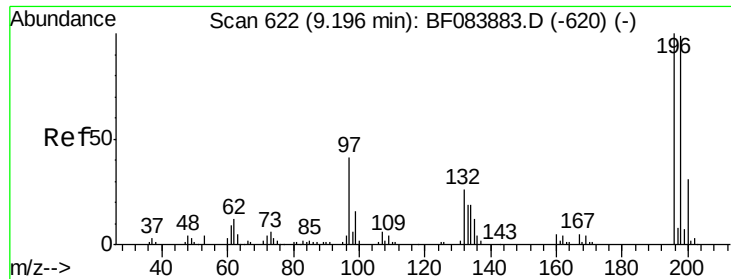
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#42
 2,4,6-Trichlorophenol
 Concen: 37.04 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.01 min
 Lab File: BF083983.D
 Acq: 20 Dec 2015 6:50

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	114924		
198	99.1	77.7	116.5	
200	32.5	24.6	37.0	





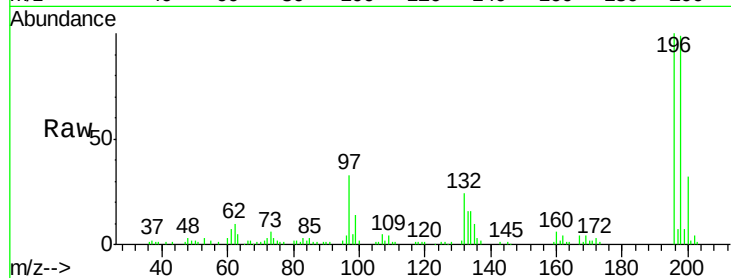
#43
 2,4,5-Trichlorophenol
 Concen: 33.46 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.01 min
 Lab File: BF083983.D
 Acq: 20 Dec 2015 6:50

Instrument :
 BNA_F
 ClientSampleId :
 UST-8MS

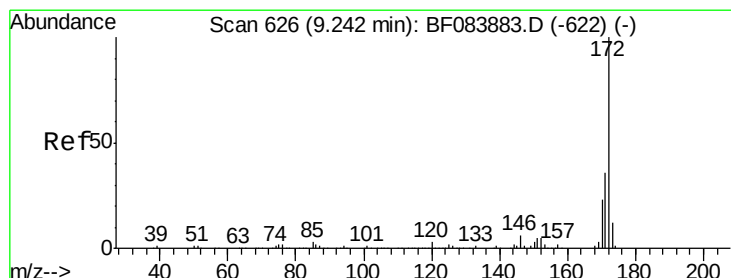
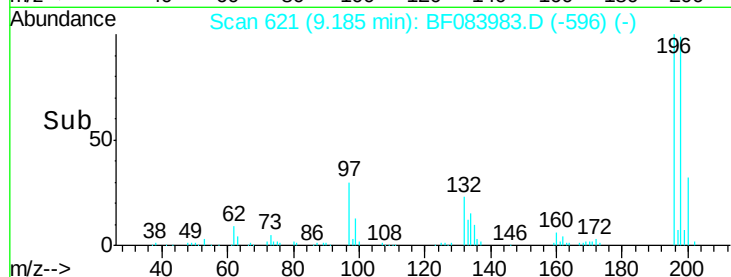
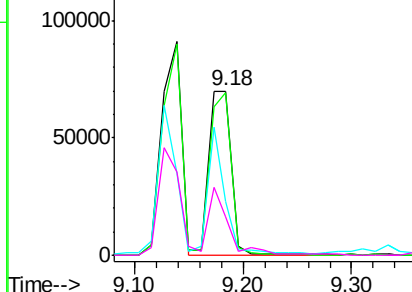
Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		102724		
198	98.8	79.0	118.6		
97	32.6	33.0	49.6#		
132	23.8	21.1	31.7		

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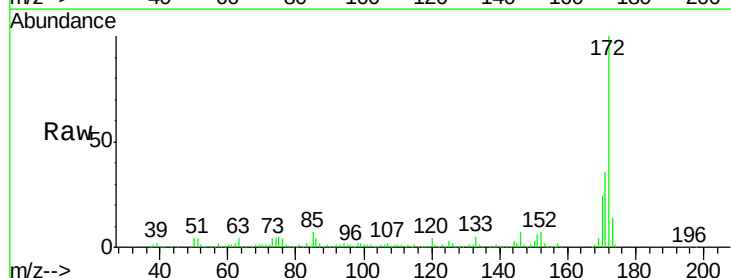


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

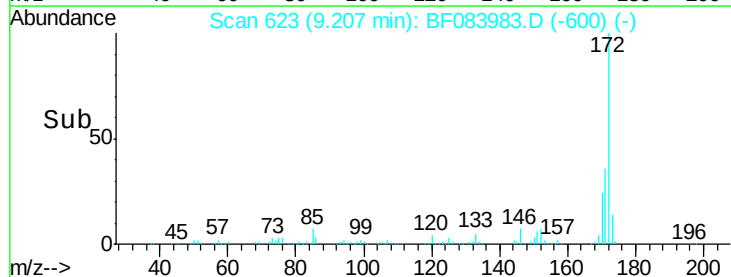
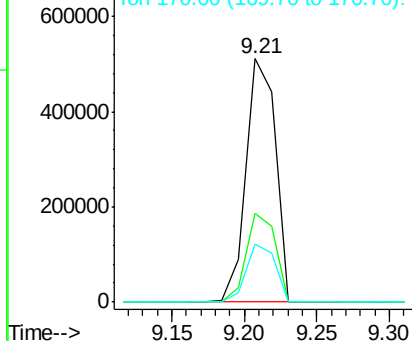


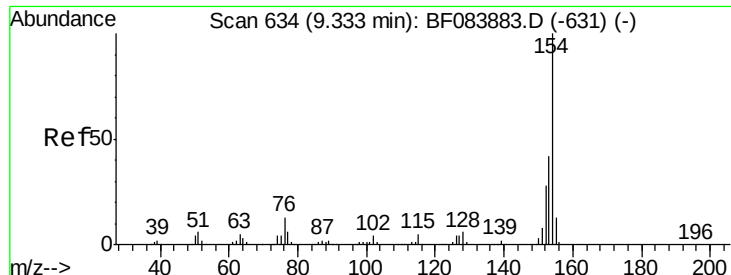
#44
 2-Fluorobiphenyl
 Concen: 65.32 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.03 min
 Lab File: BF083983.D
 Acq: 20 Dec 2015 6:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		719146		
171	36.3	28.9	43.3		
170	23.6	18.6	27.8		



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





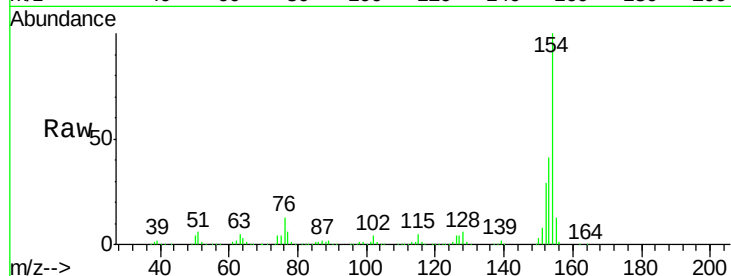
#45
1,1'-Biphenyl
Concen: 38.30 ng
RT: 9.31 min Scan# 632
Delta R.T. -0.02 min
Lab File: BF083983.D
Acq: 20 Dec 2015 6:50

Instrument :
BNA_F
ClientSampleId :
UST-8MS

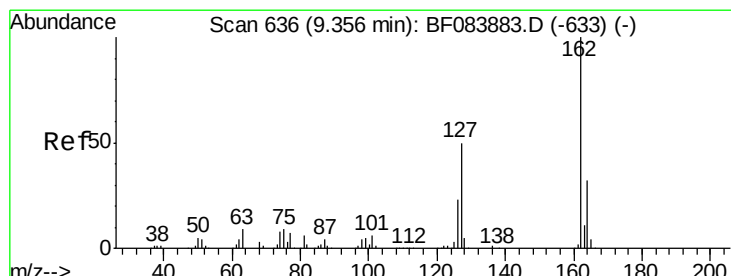
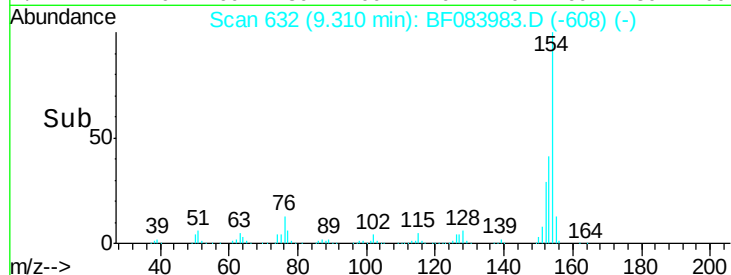
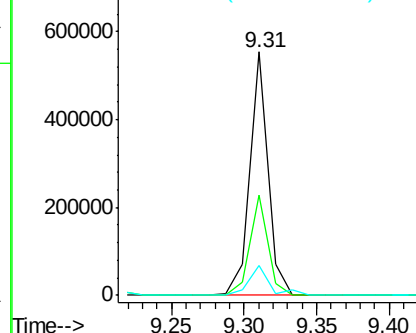
Tot Ion	Ratio	Resp Lower	Upper
154	100		
153	41.3	21.6	61.6
76	12.5	0.0	32.7

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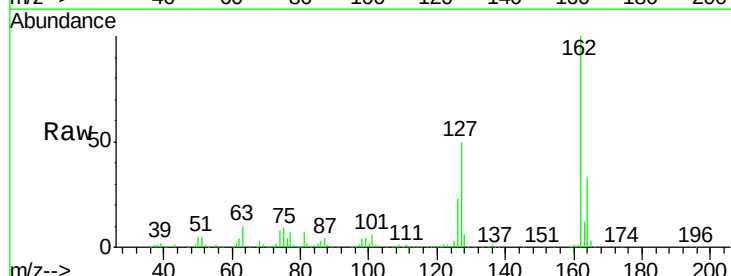


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

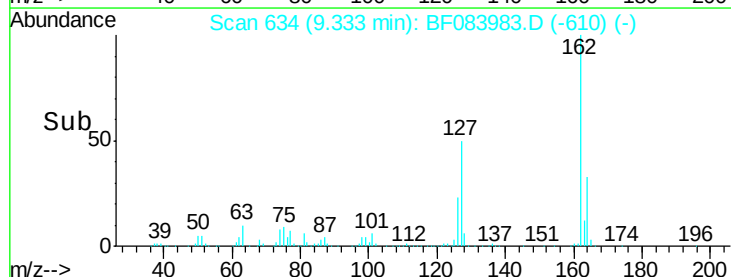
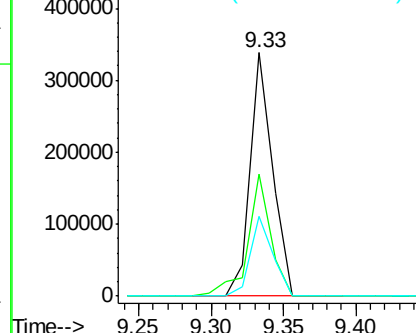


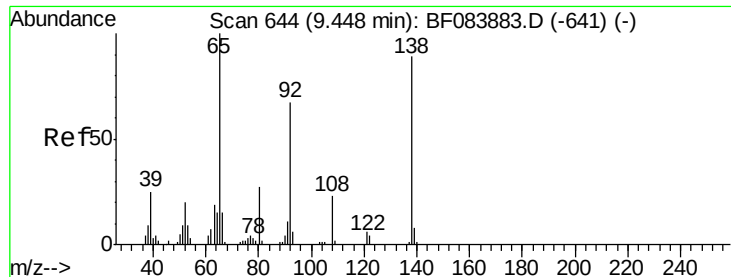
#46
2-Chloronaphthalene
Concen: 36.66 ng
RT: 9.33 min Scan# 634
Delta R.T. -0.02 min
Lab File: BF083983.D
Acq: 20 Dec 2015 6:50

Tgt Ion	Ratio	Resp Lower	Upper
162	100		
127	49.9	40.2	60.4
164	32.8	25.7	38.5



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





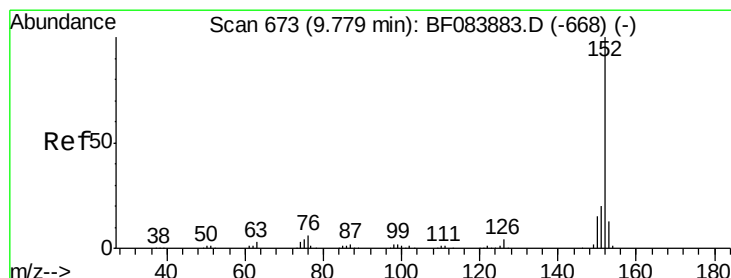
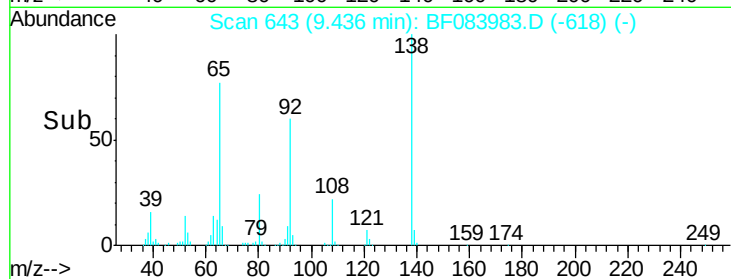
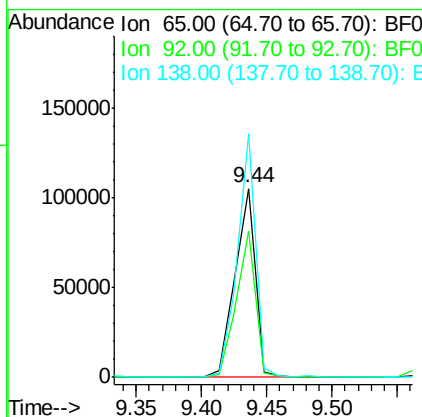
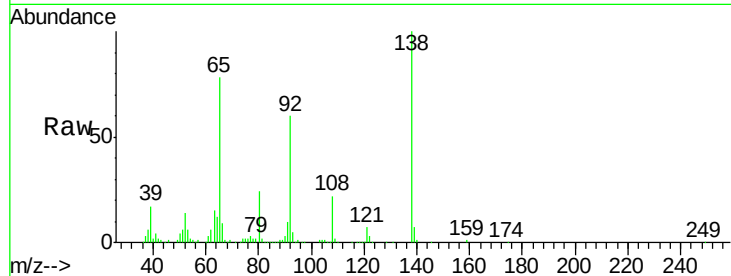
#47
2-Nitroaniline
Concen: 38.43 ng
RT: 9.44 min Scan# 643
Delta R.T. -0.01 min
Lab File: BF083983.D
Acq: 20 Dec 2015 6:50

Instrument :
BNA_F
ClientSampleId :
UST-8MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	77.3	53.4	80.2
138	128.8	71.1	106.7

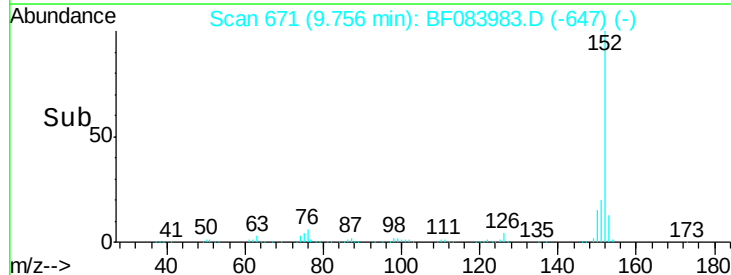
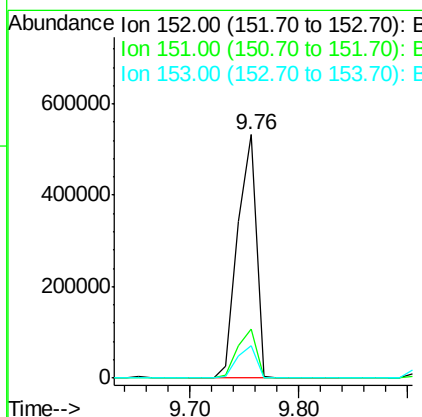
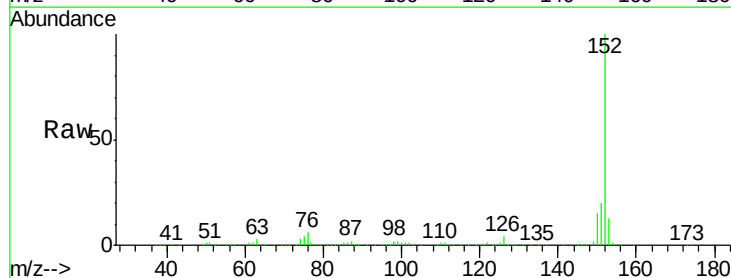
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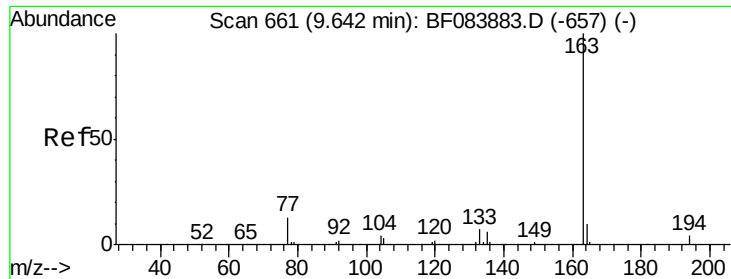
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#48
Acenaphthylene
Concen: 35.97 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.02 min
Lab File: BF083983.D
Acq: 20 Dec 2015 6:50

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.3	24.5
153	13.1	10.4	15.6





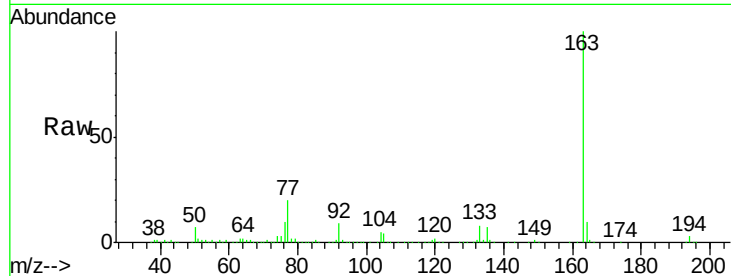
#49
Dimethylphthalate
Concen: 55.53 ng
RT: 9.62 min Scan# 659
Delta R.T. -0.02 min
Lab File: BF083983.D
Acq: 20 Dec 2015 6:50

Instrument :
BNA_F
ClientSampleId :
UST-8MS

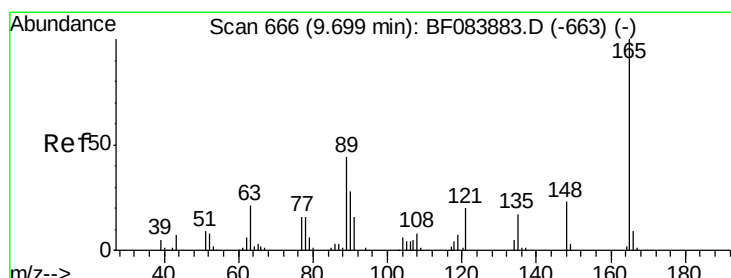
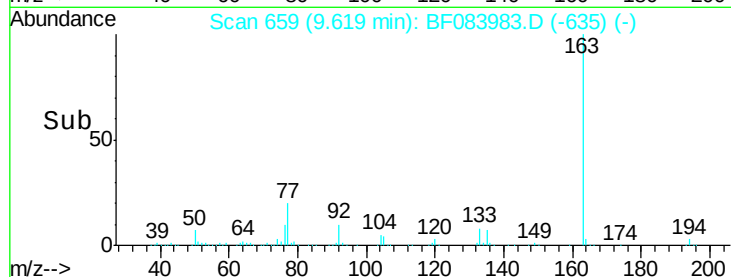
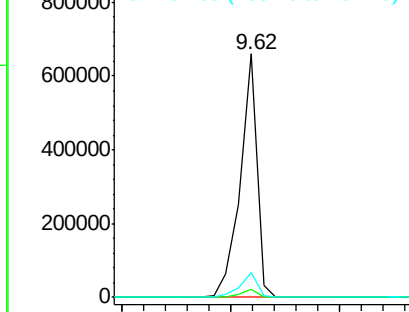
Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.3	8.0	12.0#
164	10.3	8.0	12.0

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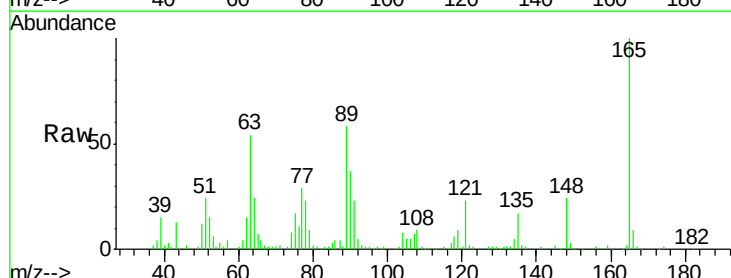


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

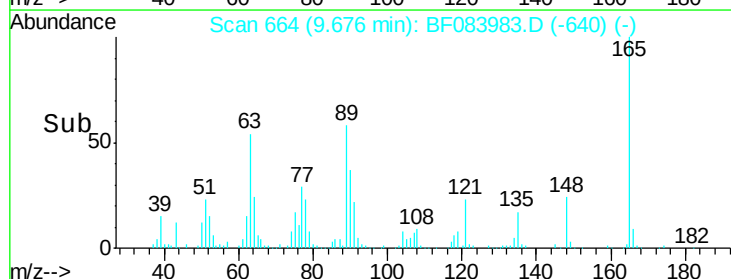
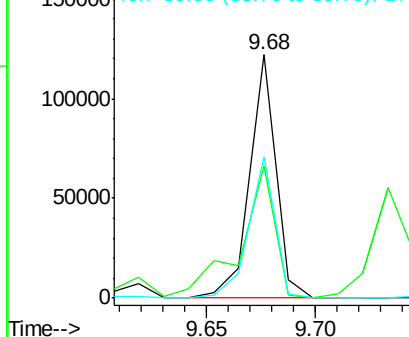


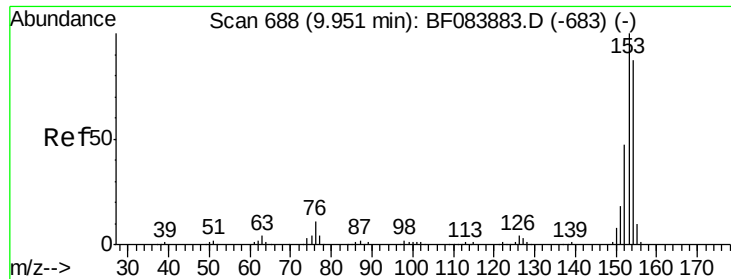
#50
2,6-Dinitrotoluene
Concen: 37.34 ng
RT: 9.68 min Scan# 664
Delta R.T. -0.02 min
Lab File: BF083983.D
Acq: 20 Dec 2015 6:50

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	54.5	28.8	43.2#
89	58.1	35.1	52.7#



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: 37.60 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.02 min

Lab File: BF083983.D

Acq: 20 Dec 2015 6:50

Instrument :

BNA_F

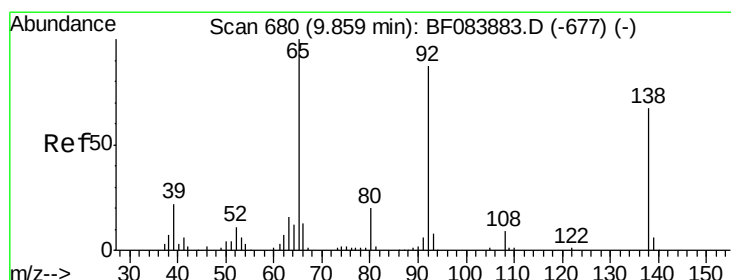
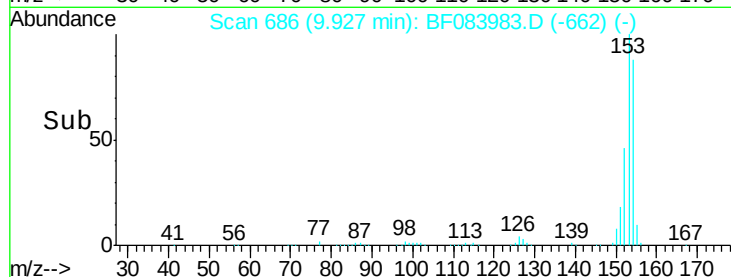
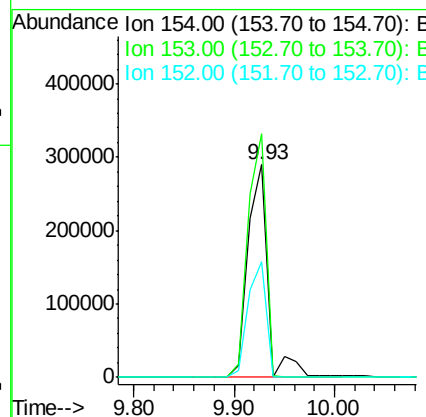
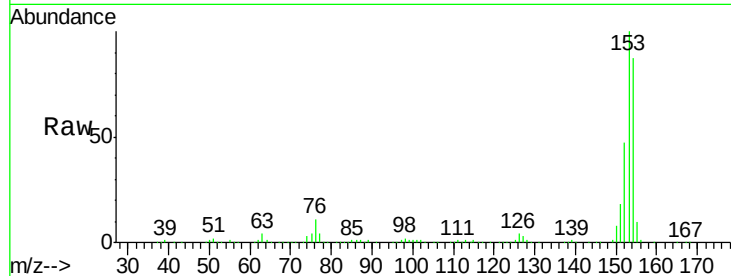
ClientSampleId :

UST-8MS

Tot Ion:	154	Resp:	401709
Ion Ratio	Lower	Upper	
154	100		
153	114.4	91.5	137.3
152	54.1	43.0	64.6

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#52

3-Nitroaniline

Concen: 18.06 ng

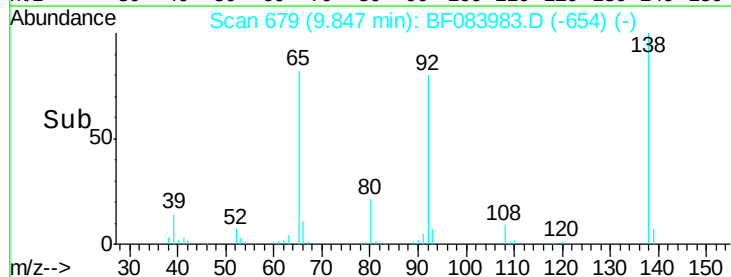
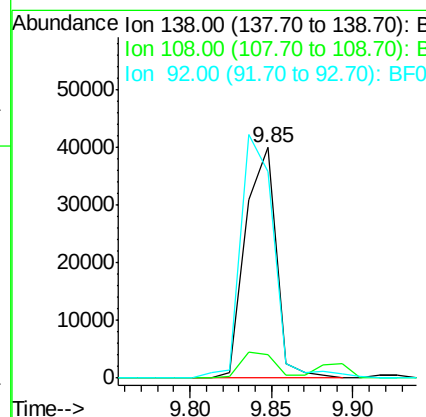
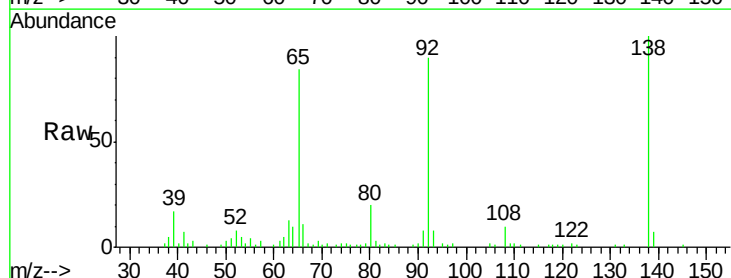
RT: 9.85 min Scan# 679

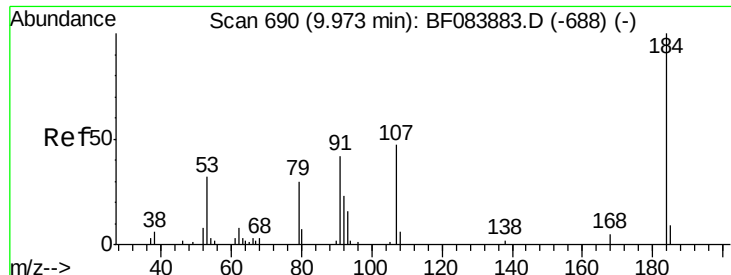
Delta R.T. -0.01 min

Lab File: BF083983.D

Acq: 20 Dec 2015 6:50

Tgt Ion:	138	Resp:	51920
Ion Ratio	Lower	Upper	
138	100		
108	10.2	10.5	15.7#
92	89.7	103.9	155.9#





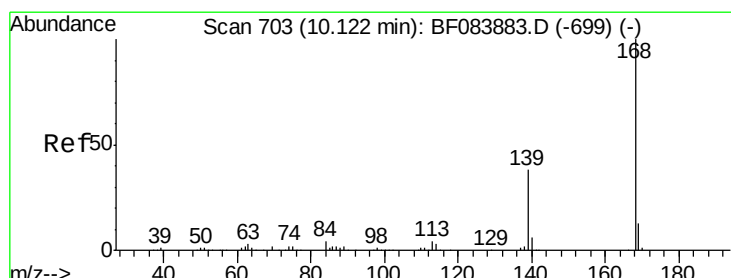
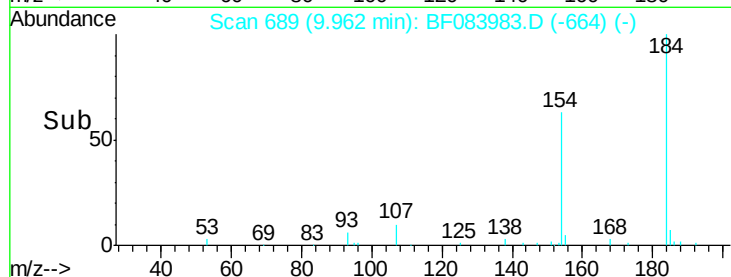
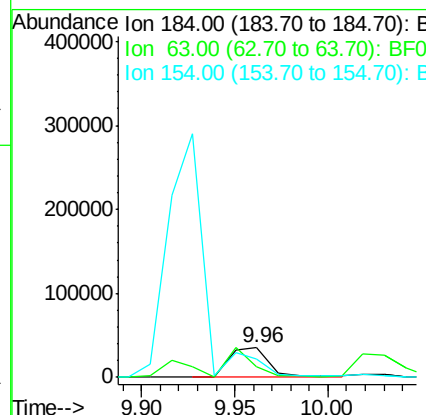
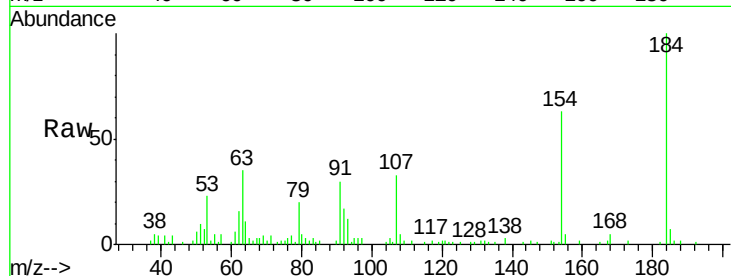
#53
2,4-Dinitrophenol
Concen: 56.84 ng
RT: 9.96 min Scan# 689
Delta R.T. -0.01 min
Lab File: BF083983.D
Acq: 20 Dec 2015 6:50

Instrument :
BNA_F
ClientSampleId :
UST-8MS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	52322		
63	35.1	43.1	64.7	#
154	62.9	60.5	90.7	

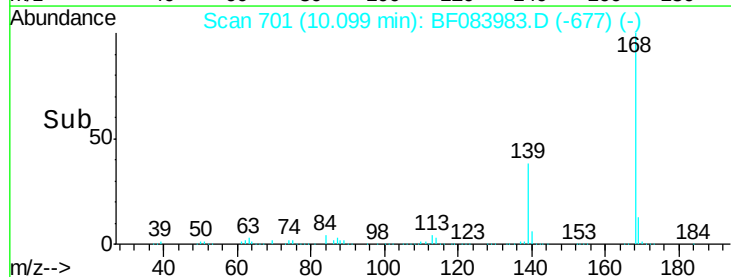
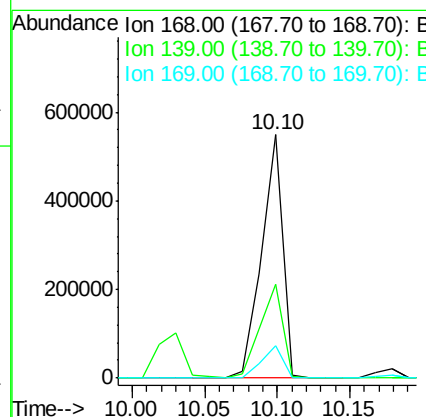
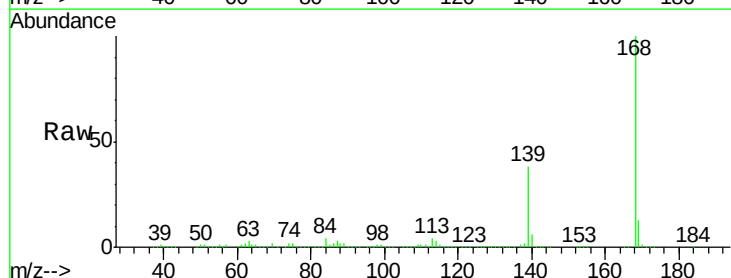
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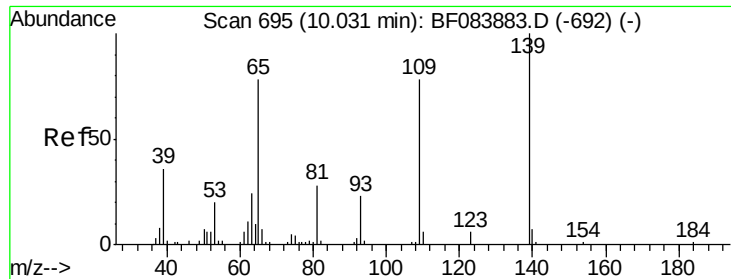
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#54
Dibenzofuran
Concen: 39.96 ng
RT: 10.10 min Scan# 701
Delta R.T. -0.02 min
Lab File: BF083983.D
Acq: 20 Dec 2015 6:50

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	554423		
139	38.4	30.5	45.7	
169	13.1	10.4	15.6	





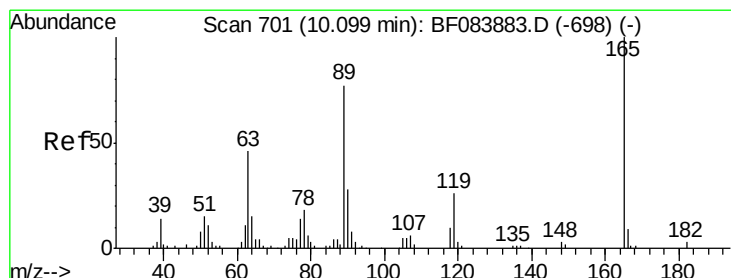
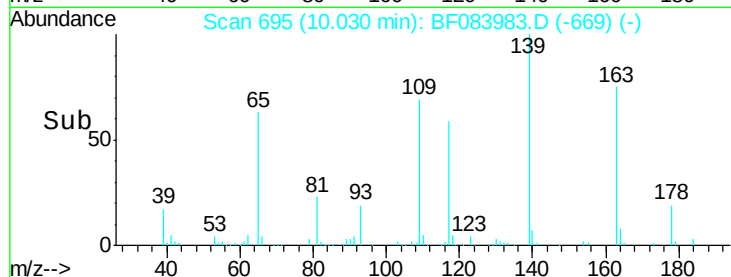
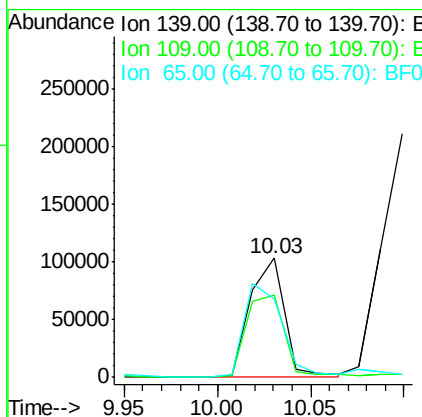
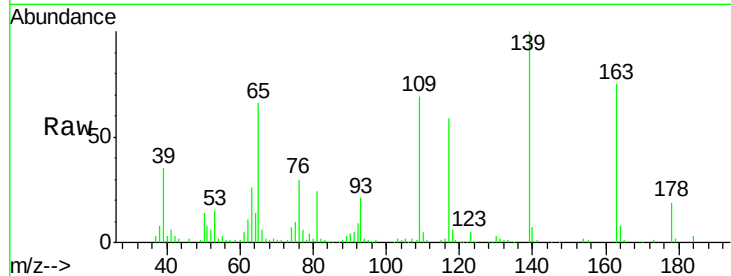
#55
4-Nitrophenol
Concen: 73.82 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.00 min
Lab File: BF083983.D
Acq: 20 Dec 2015 6:50

Instrument :
BNA_F
ClientSampleId :
UST-8MS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	132518		
109	69.2	58.5	98.5	
65	65.6	57.6	97.6	

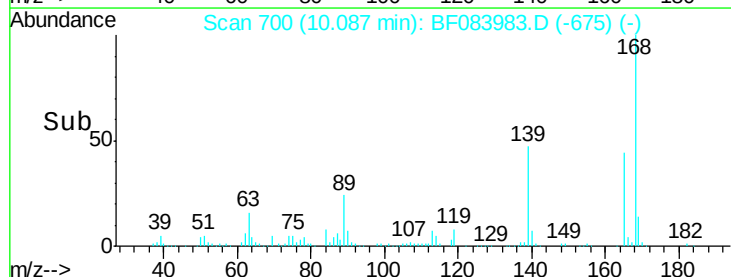
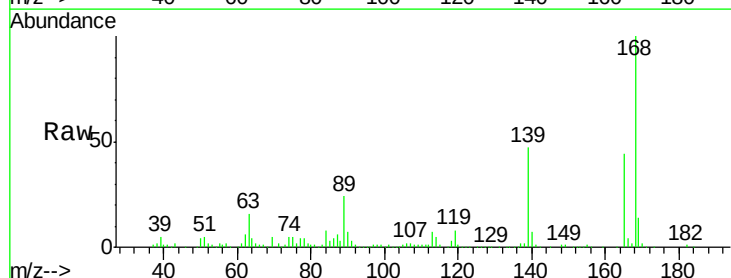
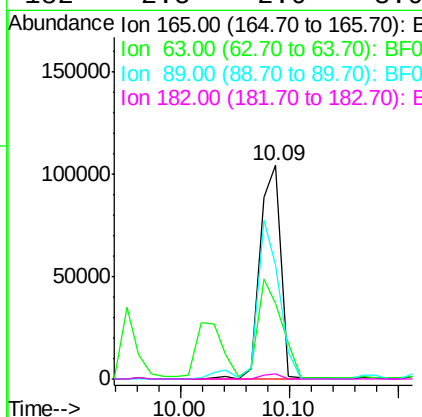
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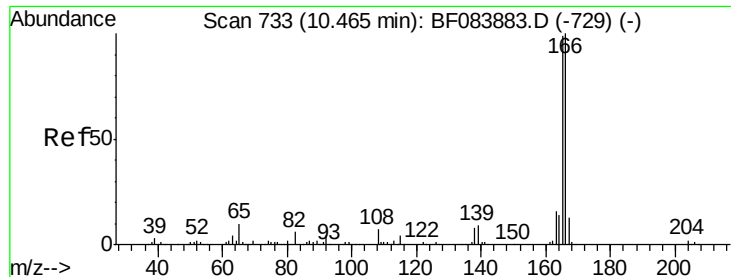
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#56
2,4-Dinitrotoluene
Concen: 39.77 ng
RT: 10.09 min Scan# 700
Delta R.T. -0.01 min
Lab File: BF083983.D
Acq: 20 Dec 2015 6:50

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	139051		
63	35.6	36.7	55.1#	
89	53.3	61.9	92.9#	
182	2.5	2.0	3.0	





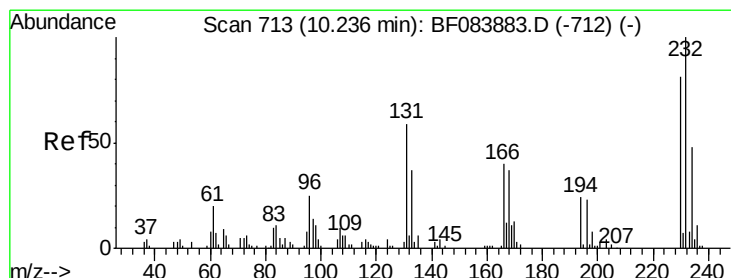
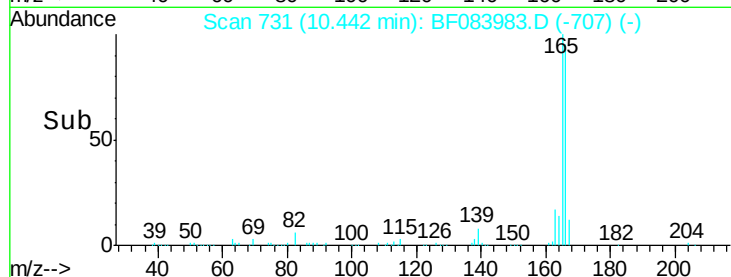
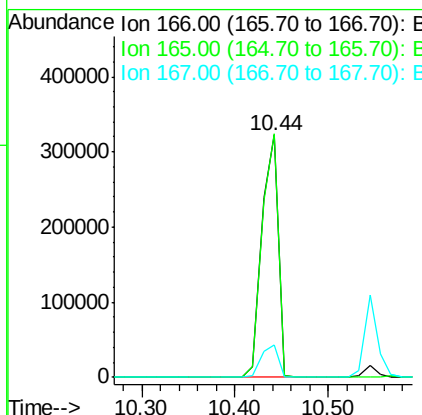
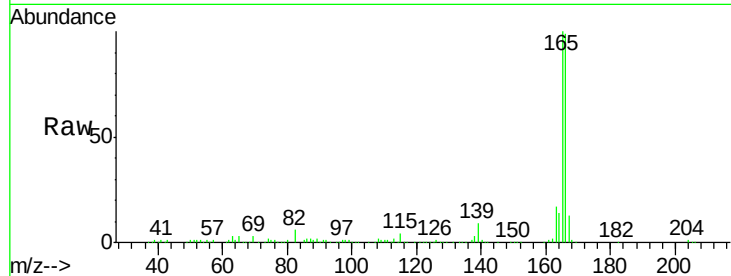
#57
 Fluorene
 Concen: 37.24 ng
 RT: 10.44 min Scan# 731
 Delta R.T. -0.02 min
 Lab File: BF083983.D
 Acq: 20 Dec 2015 6:50

Instrument :
 BNA_F
 ClientSampleId :
 UST-8MS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	398410		
165	100.7	79.1	118.7	
167	13.3	10.4	15.6	

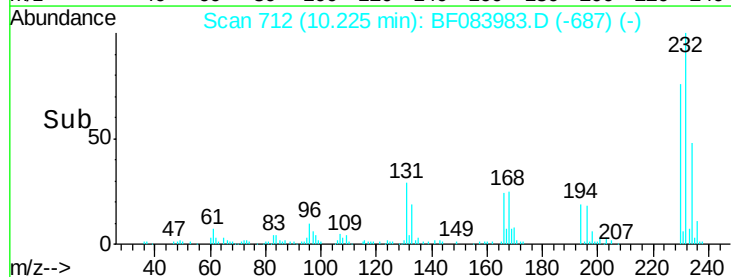
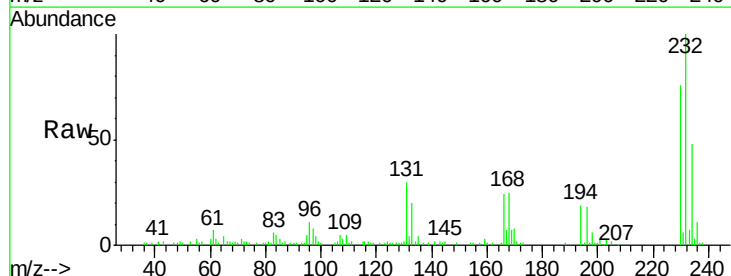
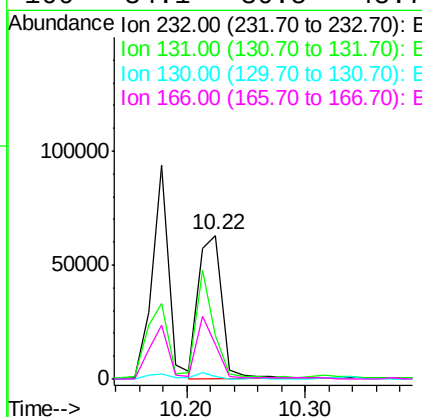
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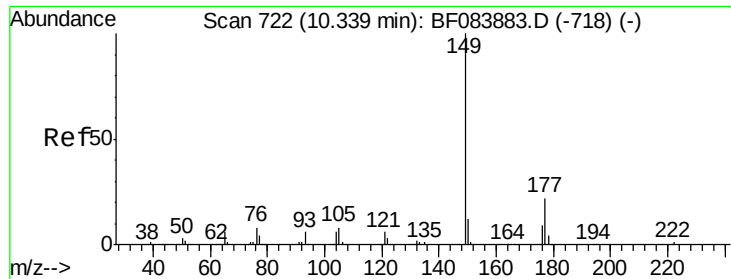
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 38.53 ng
 RT: 10.22 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: BF083983.D
 Acq: 20 Dec 2015 6:50

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	87530		
131	58.2	47.0	70.6	
130	3.6	2.0	3.0	
166	34.1	30.5	45.7	





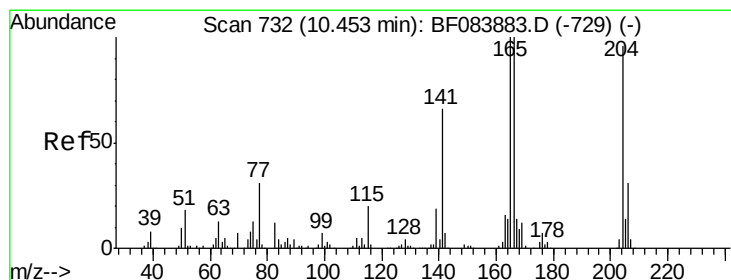
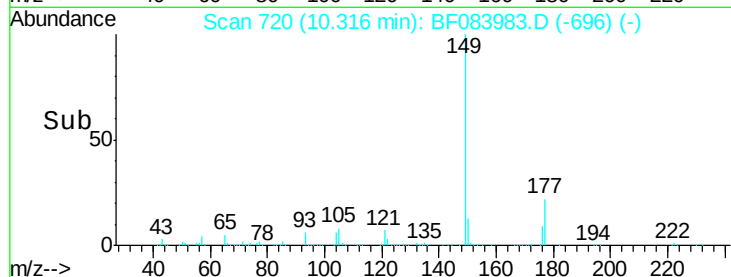
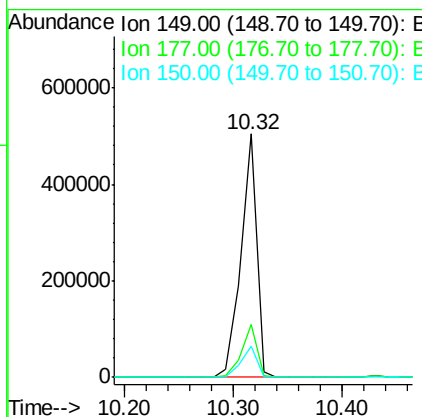
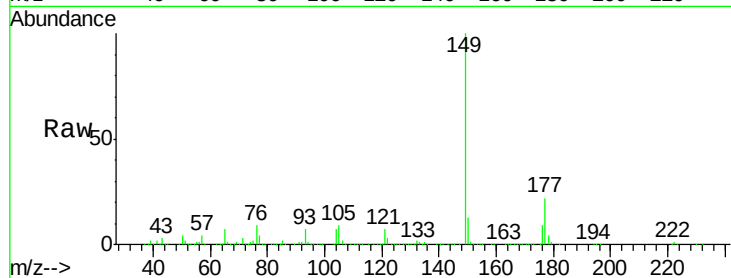
#59
Diethylphthalate
Concen: 38.38 ng
RT: 10.32 min Scan# 720
Delta R.T. -0.02 min
Lab File: BF083983.D
Acq: 20 Dec 2015 6:50

Instrument :
BNA_F
ClientSampleId :
UST-8MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	496197		
177	21.5	17.3	25.9	
150	13.0	9.8	14.8	

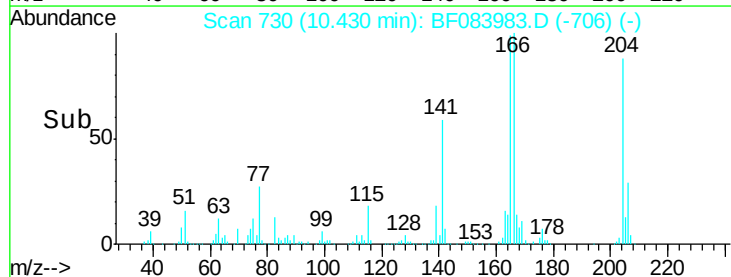
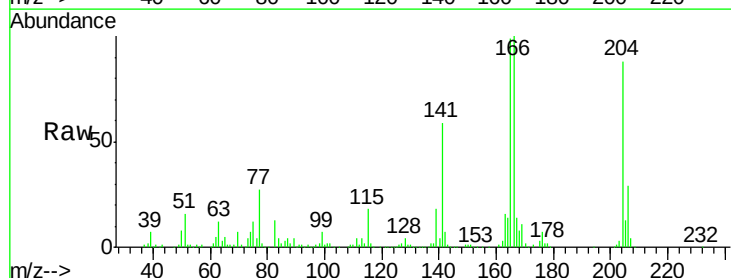
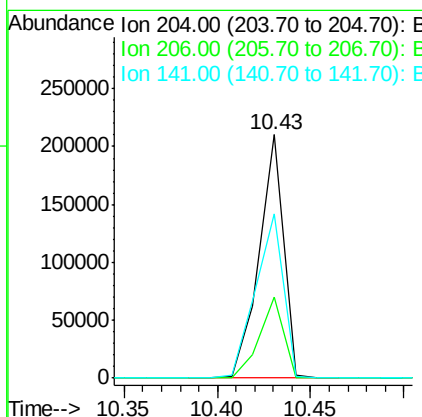
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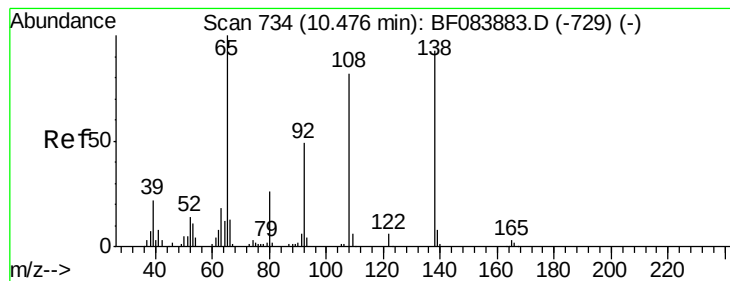
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#60
4-Chlorophenyl-phenylether
Concen: 35.77 ng
RT: 10.43 min Scan# 730
Delta R.T. -0.02 min
Lab File: BF083983.D
Acq: 20 Dec 2015 6:50

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	190189		
206	33.1	25.7	38.5	
141	67.3	55.1	82.7	





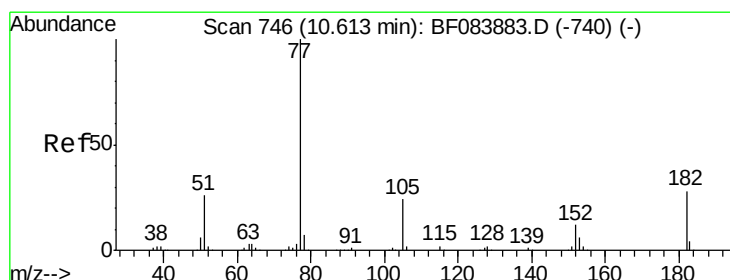
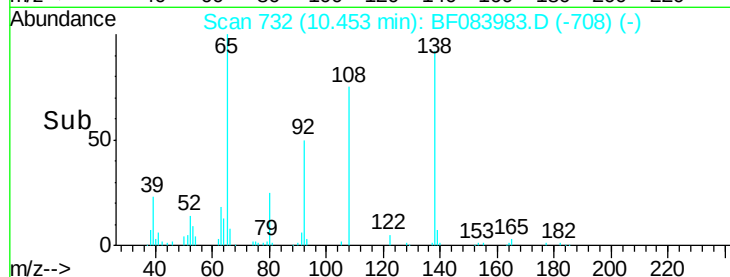
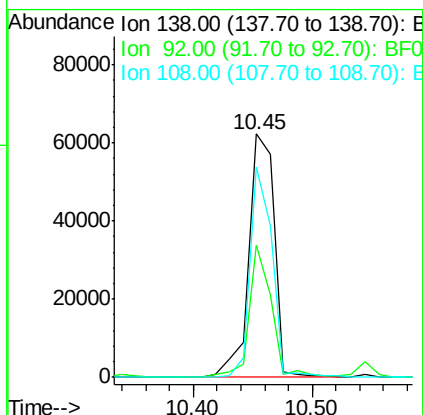
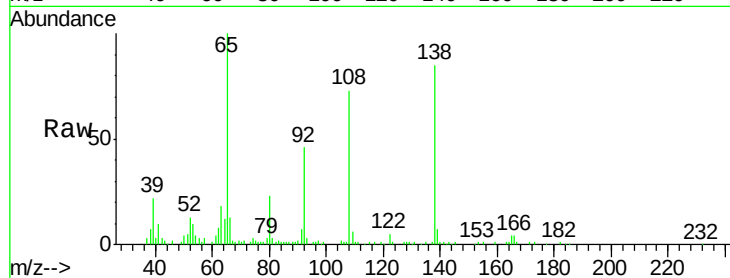
#61
4-Nitroaniline
Concen: 31.53 ng
RT: 10.45 min Scan# 732
Delta R.T. -0.02 min
Lab File: BF083983.D
Acq: 20 Dec 2015 6:50

Instrument :
BNA_F
ClientSampleId :
UST-8MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	54.5	32.6	72.6
108	86.2	68.6	108.6

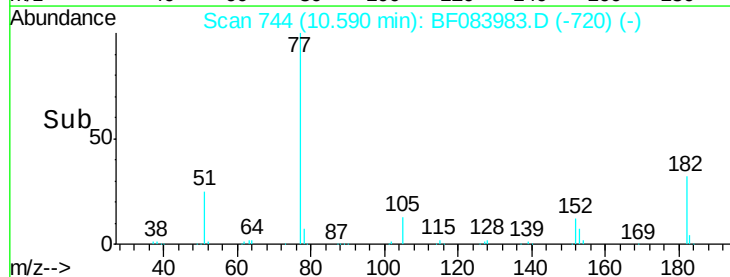
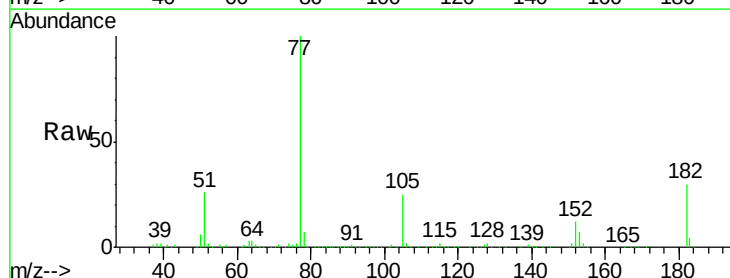
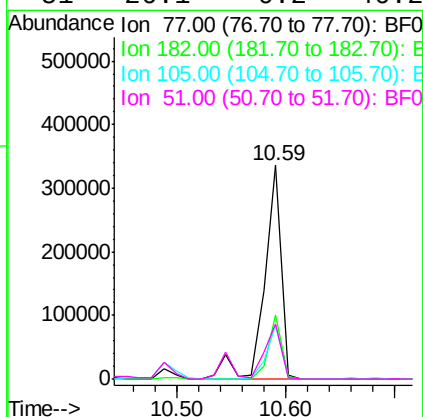
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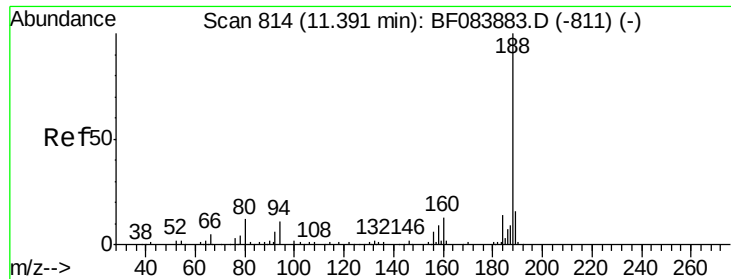
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#62
Azobenzene
Concen: 33.67 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.02 min
Lab File: BF083983.D
Acq: 20 Dec 2015 6:50

Tgt Ion	Ratio	Lower	Upper
77	100		
182	30.1	8.3	48.3
105	25.4	4.6	44.6
51	26.1	6.2	46.2





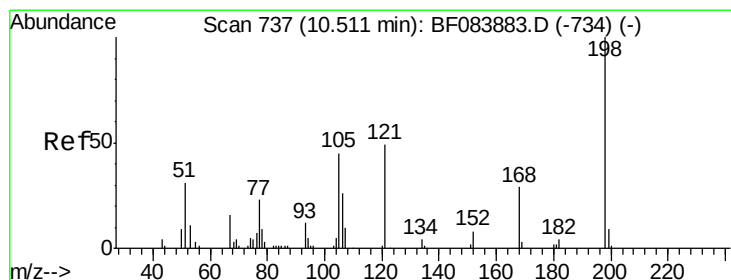
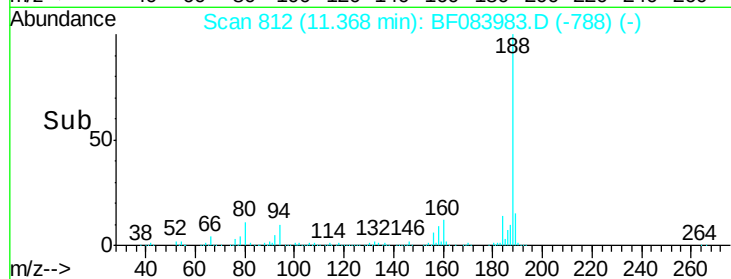
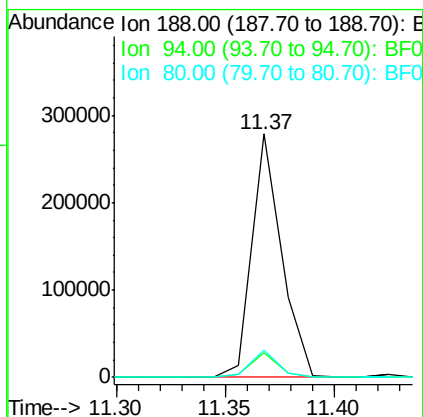
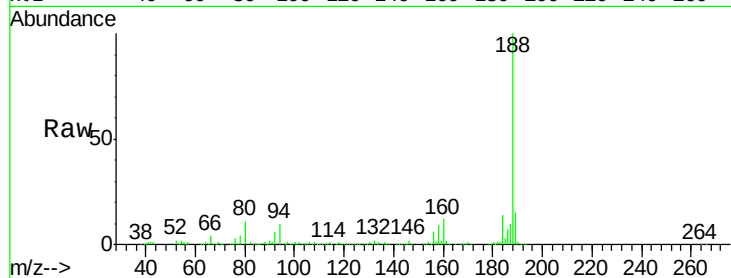
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.02 min
Lab File: BF083983.D
Acq: 20 Dec 2015 6:50

Instrument :
BNA_F
ClientSampleId :
UST-8MS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.9	9.0	13.4
80	11.0	9.6	14.4

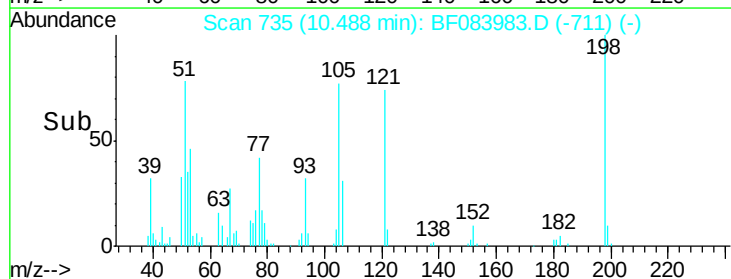
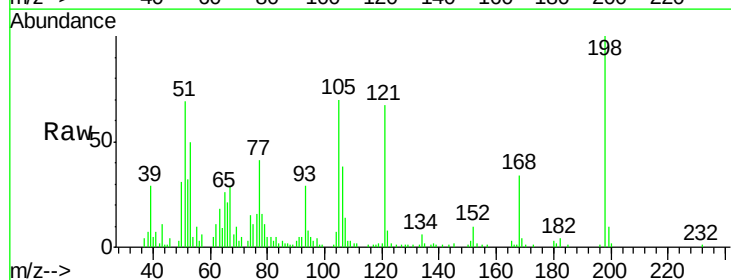
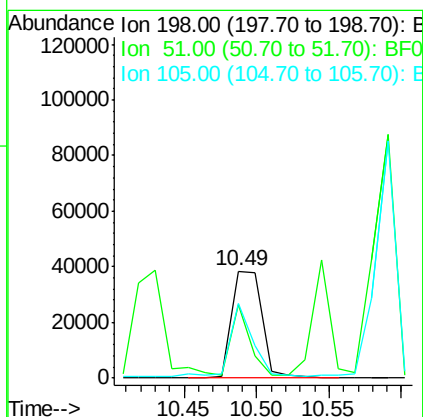
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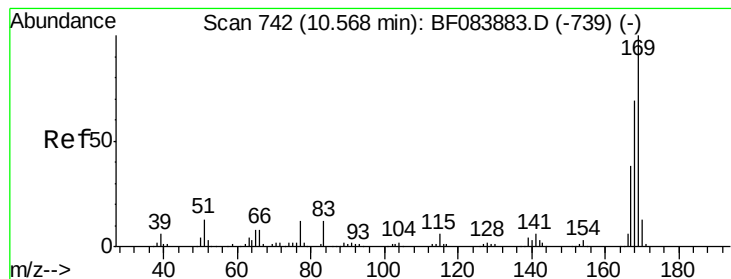
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#64
4,6-Dinitro-2-methylphenol
Concen: 35.16 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.02 min
Lab File: BF083983.D
Acq: 20 Dec 2015 6:50

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	68.6	18.9	58.9#
105	69.8	26.4	66.4#





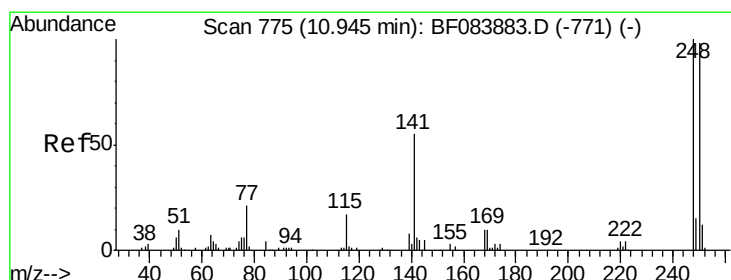
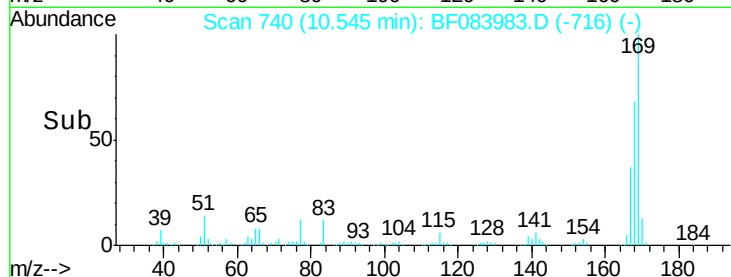
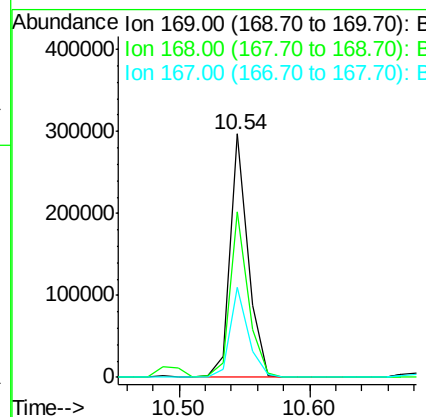
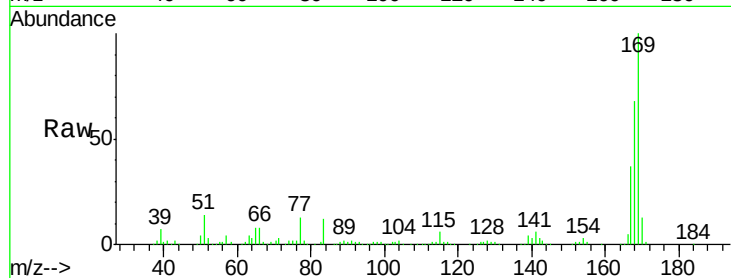
#65
 n-Nitrosodiphenylamine
 Concen: 29.76 ng
 RT: 10.54 min Scan# 740
 Delta R.T. -0.02 min
 Lab File: BF083983.D
 Acq: 20 Dec 2015 6:50

Instrument :
 BNA_F
 ClientSampleId :
 UST-8MS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	286393		
168	68.1	55.1	82.7	
167	36.8	30.0	45.0	

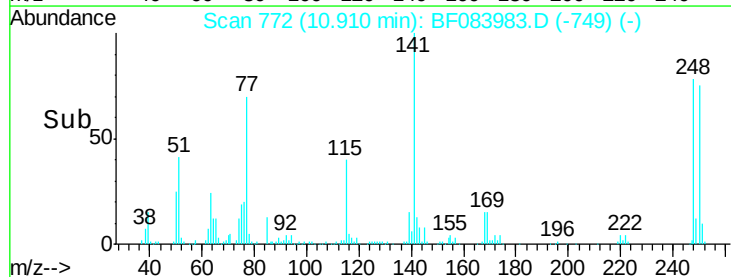
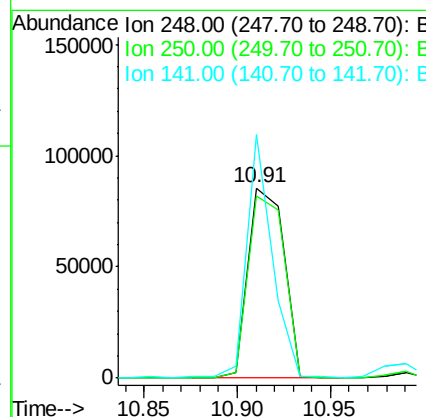
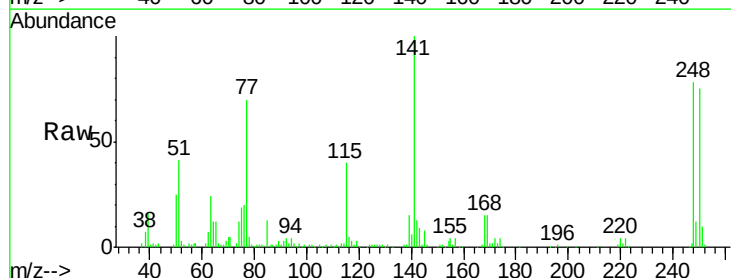
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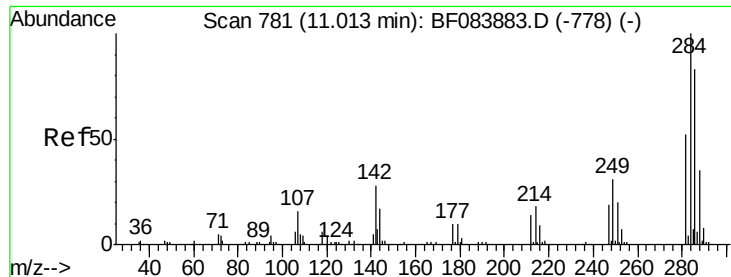
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#66
 4-Bromophenyl-phenylether
 Concen: 35.19 ng
 RT: 10.91 min Scan# 772
 Delta R.T. -0.03 min
 Lab File: BF083983.D
 Acq: 20 Dec 2015 6:50

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	113769		
250	96.3	78.4	117.6	
141	128.2	44.0	66.0	





#67

Hexachlorobenzene

Concen: 35.88 ng

RT: 10.99 min Scan# 779

Delta R.T. -0.02 min

Lab File: BF083983.D

Acq: 20 Dec 2015 6:50

Instrument :

BNA_F

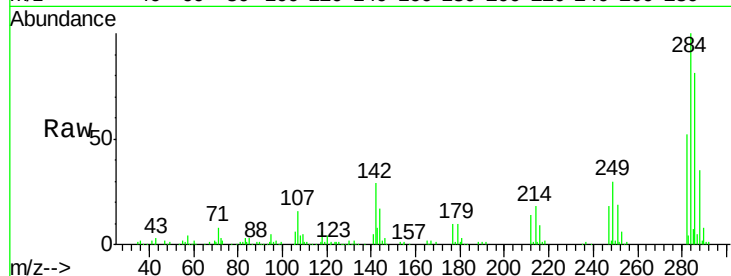
ClientSampleId :

UST-8MS

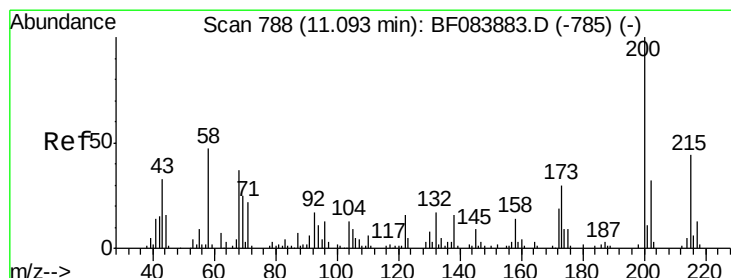
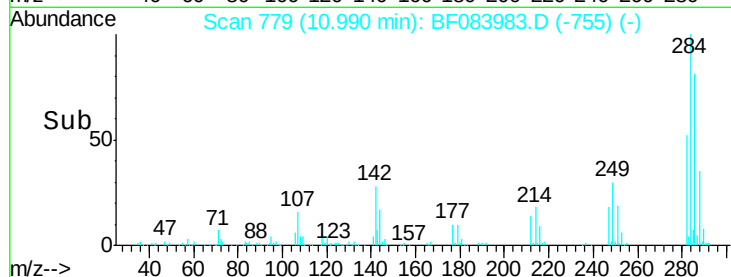
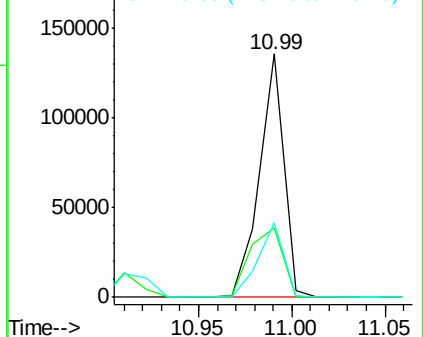
Tot Ion:	284	Resp:	122141
Ion Ratio		Lower	Upper
284	100		
142	28.5	22.2	33.4
249	30.5	24.6	37.0

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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: 38.85 ng

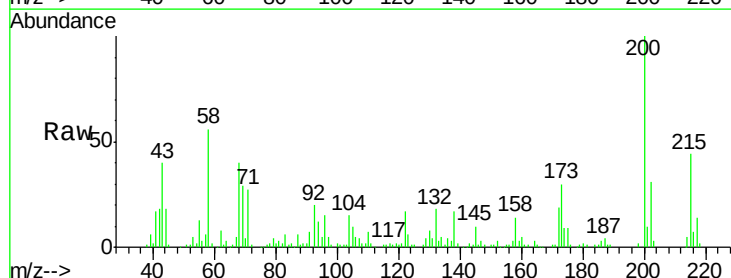
RT: 11.07 min Scan# 786

Delta R.T. -0.02 min

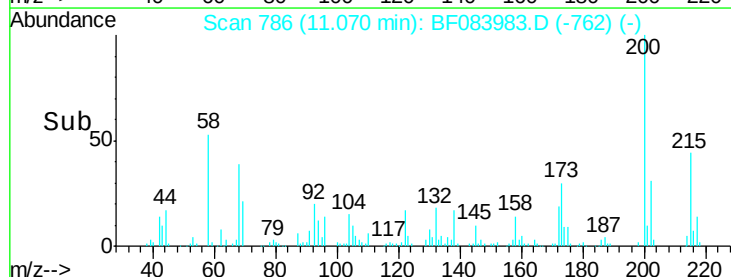
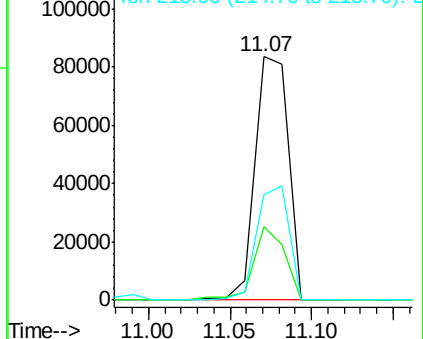
Lab File: BF083983.D

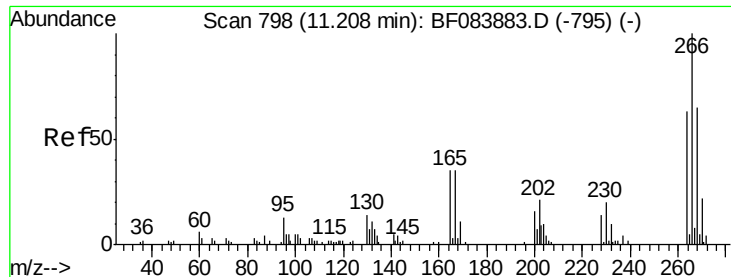
Acq: 20 Dec 2015 6:50

Tgt Ion:	200	Resp:	118439
Ion Ratio		Lower	Upper
200	100		
173	30.4	9.5	49.5
215	43.5	23.8	63.8



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





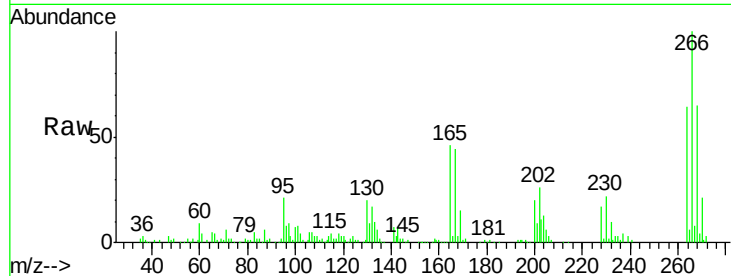
#69
 Pentachlorophenol
 Concen: 75.20 ng
 RT: 11.18 min Scan# 796
 Delta R.T. -0.02 min
 Lab File: BF083983.D
 Acq: 20 Dec 2015 6:50

Instrument :
 BNA_F
 ClientSampleId :
 UST-8MS

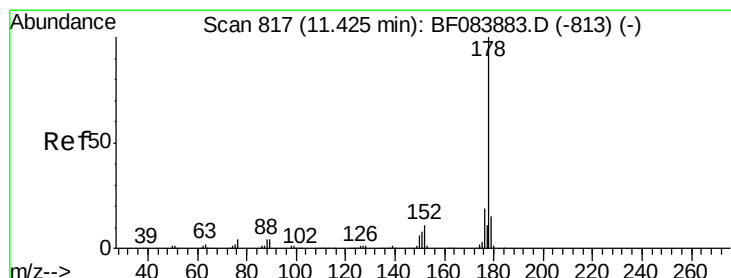
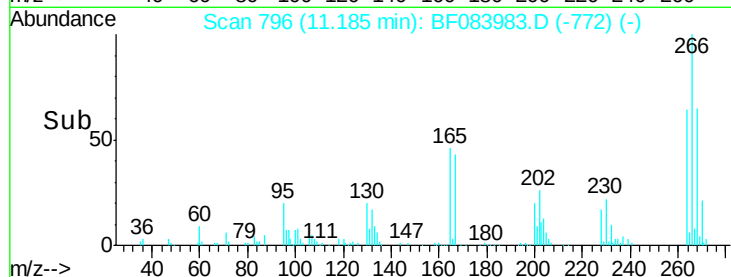
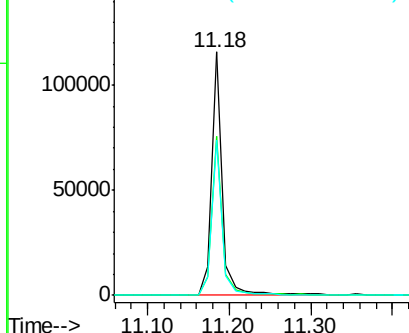
Tot Ion	Ratio	Resp	Lower	Upper
266	100	108187		
268	65.3	52.4	78.6	
264	63.9	50.2	75.2	

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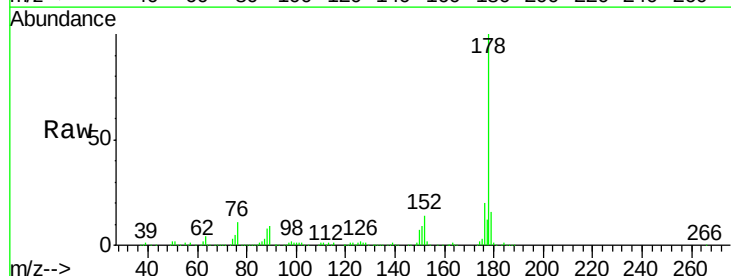


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

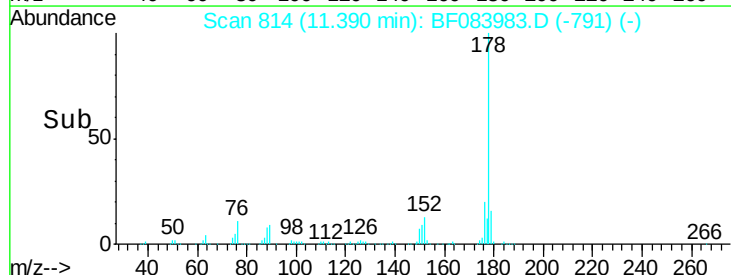
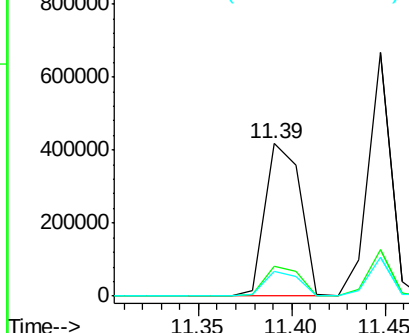


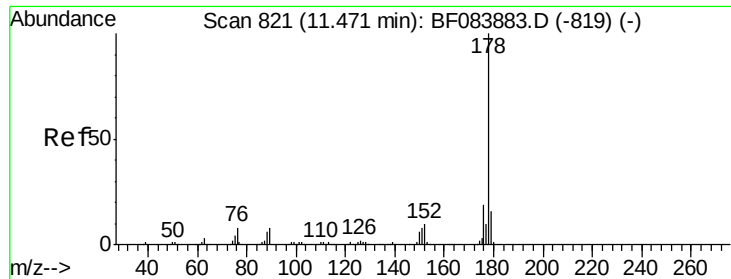
#70
 Phenanthrene
 Concen: 34.23 ng
 RT: 11.39 min Scan# 814
 Delta R.T. -0.03 min
 Lab File: BF083983.D
 Acq: 20 Dec 2015 6:50

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	546922		
176	19.7	15.3	22.9	
179	16.3	12.0	18.0	



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





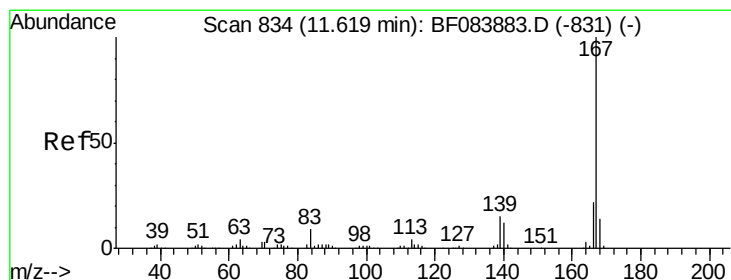
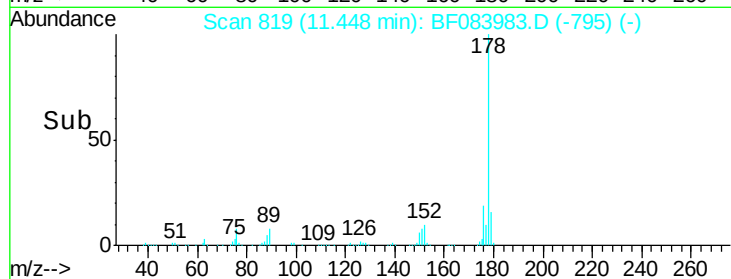
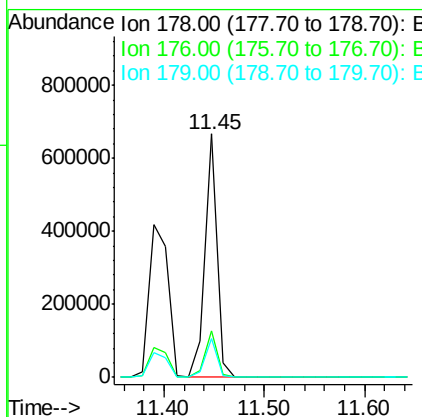
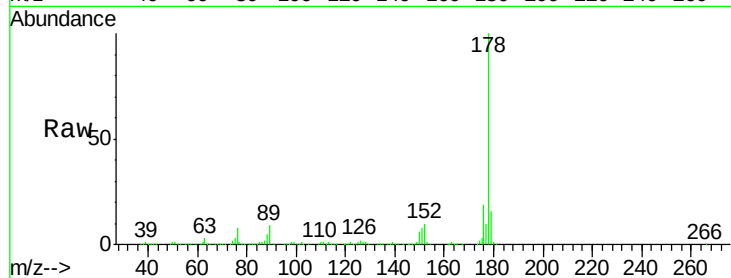
#71
 Anthracene
 Concen: 36.07 ng
 RT: 11.45 min Scan# 819
 Delta R.T. -0.02 min
 Lab File: BF083983.D
 Acq: 20 Dec 2015 6:50

Instrument :
 BNA_F
 ClientSampleId :
 UST-8MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.0
179	15.8	12.5	18.7

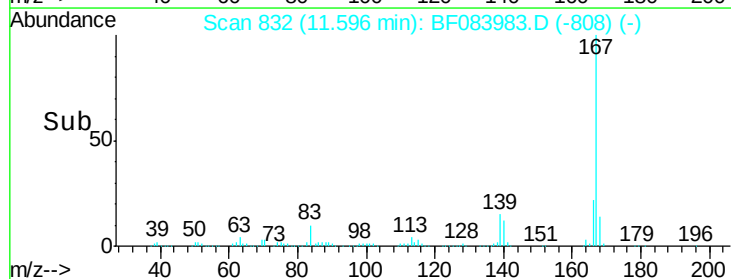
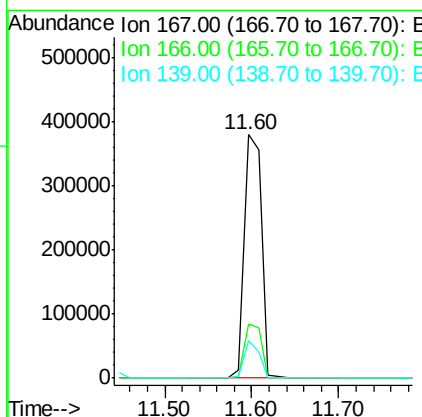
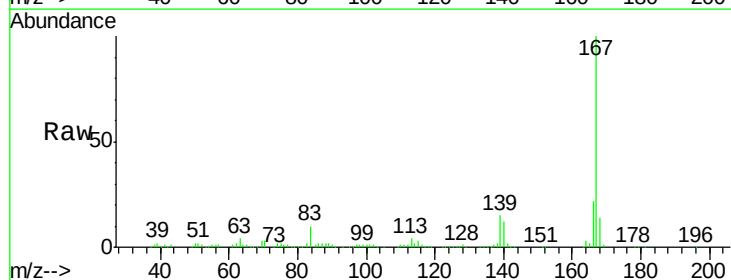
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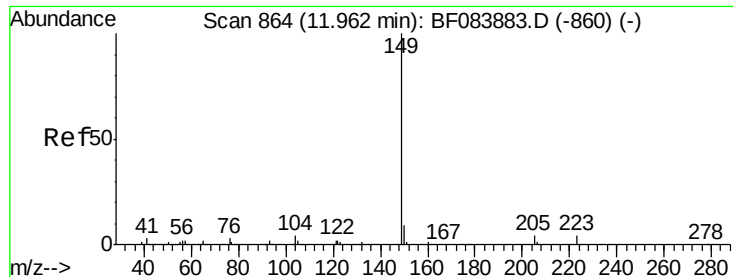
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#72
 Carbazole
 Concen: 34.32 ng
 RT: 11.60 min Scan# 832
 Delta R.T. -0.02 min
 Lab File: BF083983.D
 Acq: 20 Dec 2015 6:50

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.6	26.4
139	15.2	11.8	17.8





#73

Di-n-butylphthalate

Concen: 37.14 ng

RT: 11.93 min Scan# 861

Delta R.T. -0.03 min

Lab File: BF083983.D

Acq: 20 Dec 2015 6:50

Instrument :

BNA_F

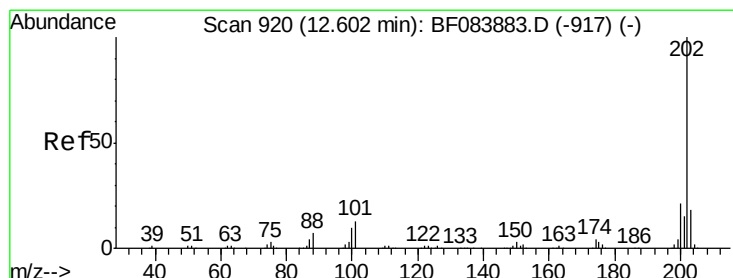
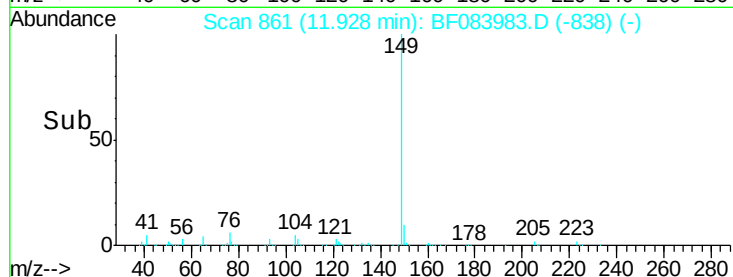
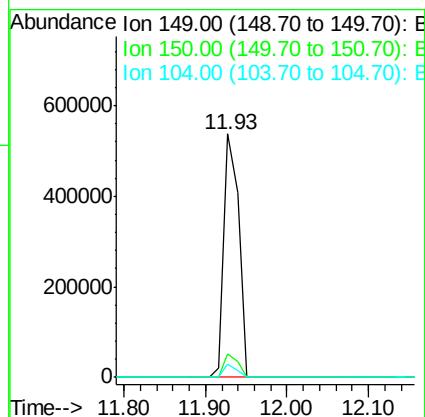
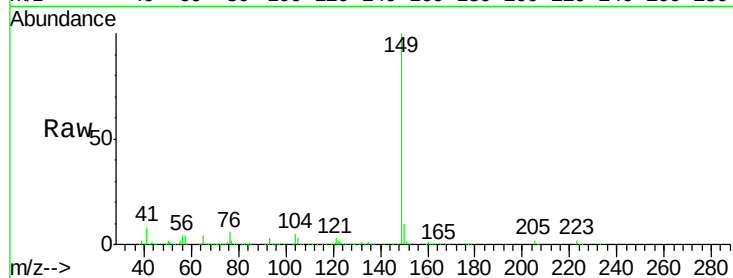
ClientSampleId :

UST-8MS

Tot Ion:	149	Resp:	665797
Ion Ratio	Lower	Upper	
149	100		
150	9.6	7.1	10.7
104	5.5	3.2	4.8#

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#74

Fluoranthene

Concen: 33.07 ng

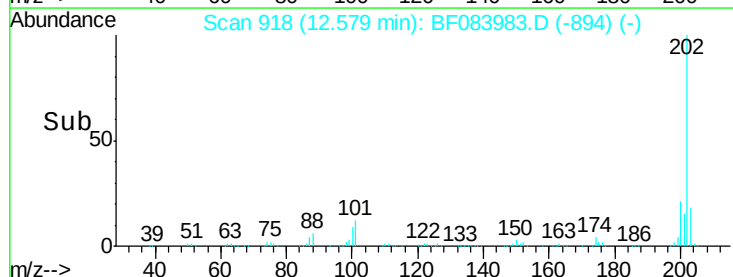
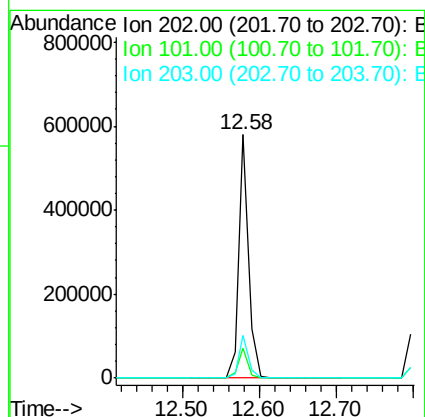
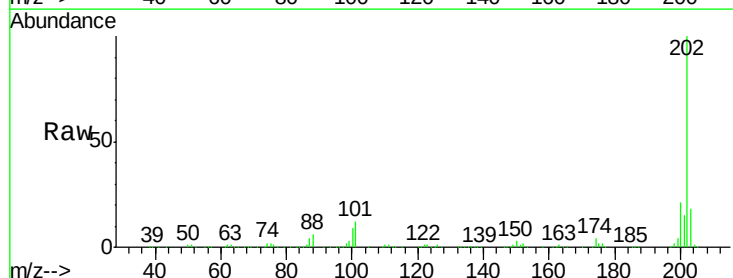
RT: 12.58 min Scan# 918

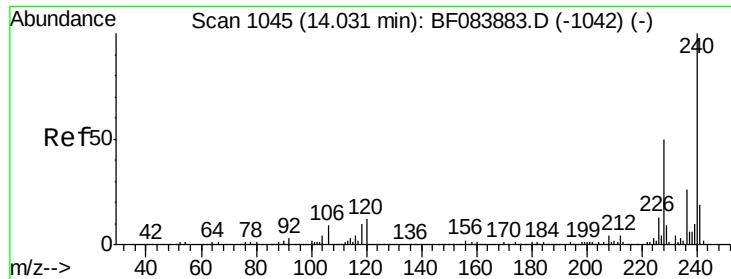
Delta R.T. -0.02 min

Lab File: BF083983.D

Acq: 20 Dec 2015 6:50

Tgt Ion:	202	Resp:	527256
Ion Ratio	Lower	Upper	
202	100		
101	12.0	0.0	32.8
203	17.6	0.0	37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.02 min

Lab File: BF083983.D

Acq: 20 Dec 2015 6:50

Instrument :

BNA_F

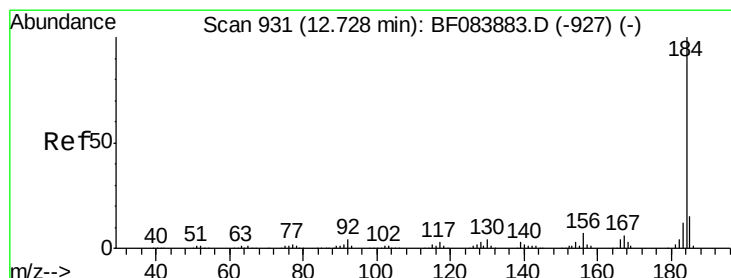
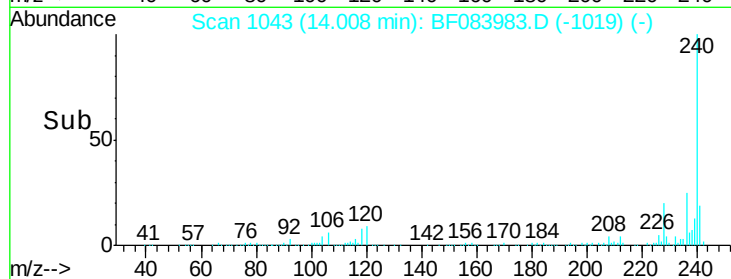
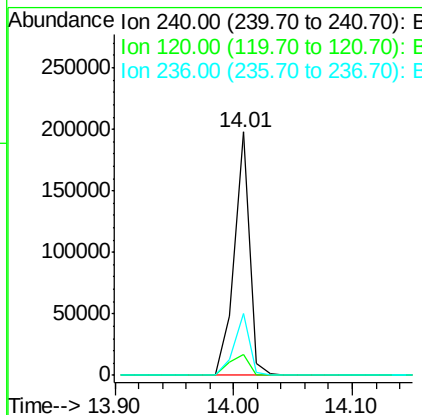
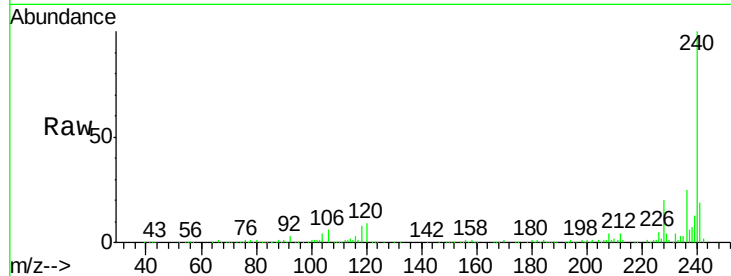
ClientSampleId :

UST-8MS

Tot Ion	Ratio	Resp	Lower	Upper
240	100	177658		
120	8.8	9.5	14.3#	
236	25.1	20.6	31.0	

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#76

Benzidine

Concen: 12.79 ng

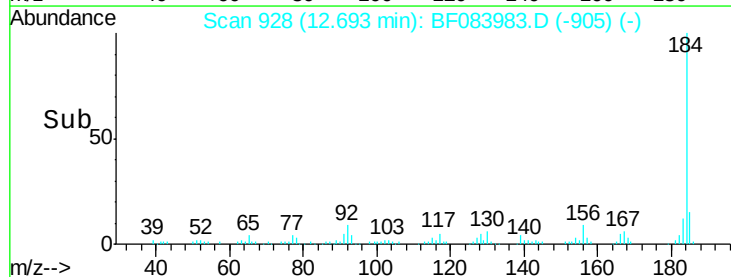
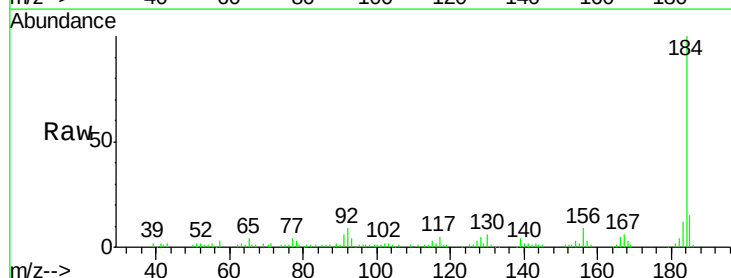
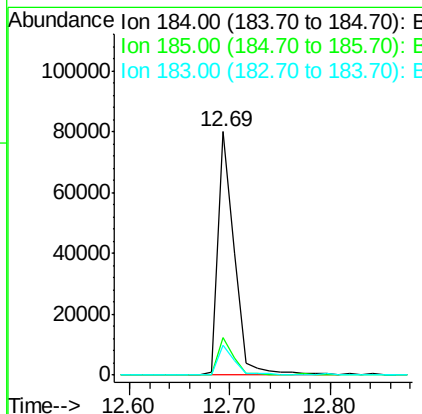
RT: 12.69 min Scan# 928

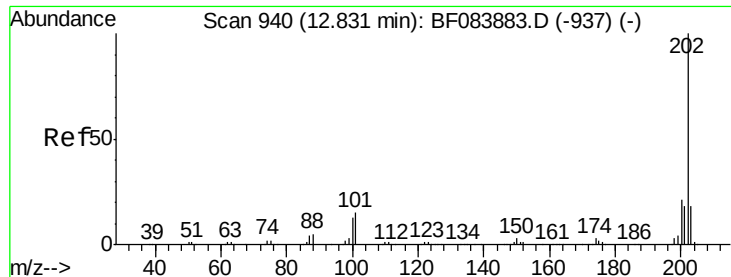
Delta R.T. -0.03 min

Lab File: BF083983.D

Acq: 20 Dec 2015 6:50

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	90953		
185	15.5	12.2	18.2	
183	12.4	9.8	14.8	





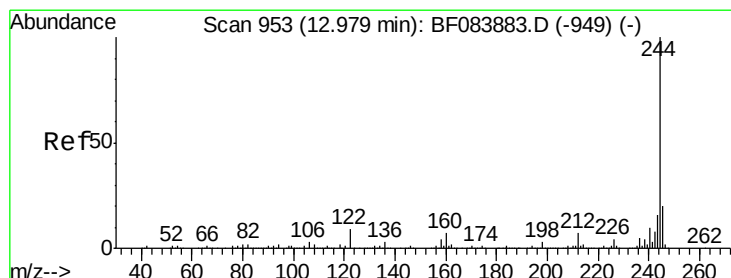
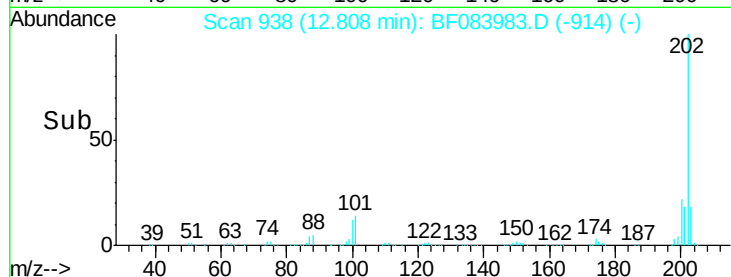
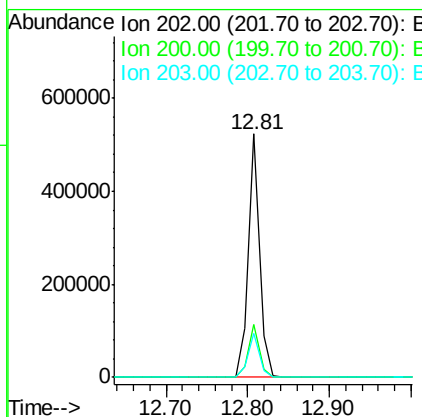
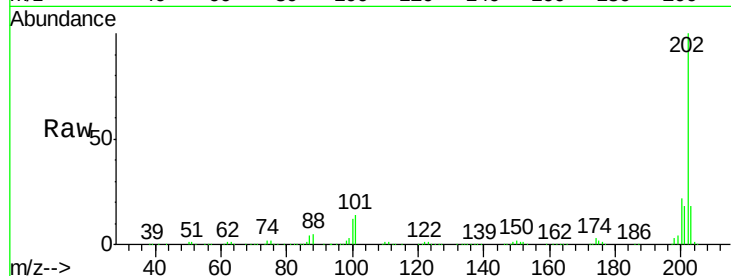
#77
Pvrene
Concen: 44.06 ng
RT: 12.81 min Scan# 938
Delta R.T. -0.02 min
Lab File: BF083983.D
Acq: 20 Dec 2015 6:50

Instrument :
BNA_F
ClientSampleId :
UST-8MS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	497598		
200	21.6		17.2	25.8
203	17.8		14.3	21.5

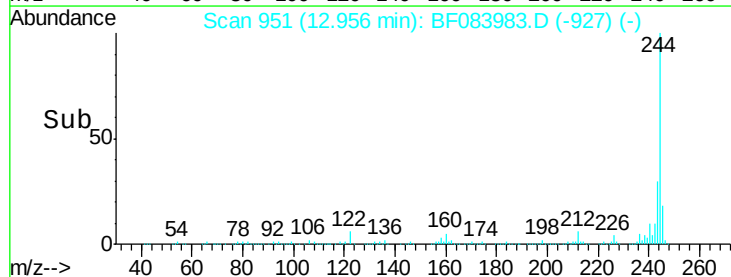
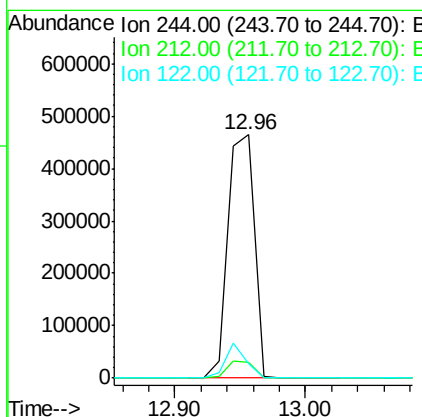
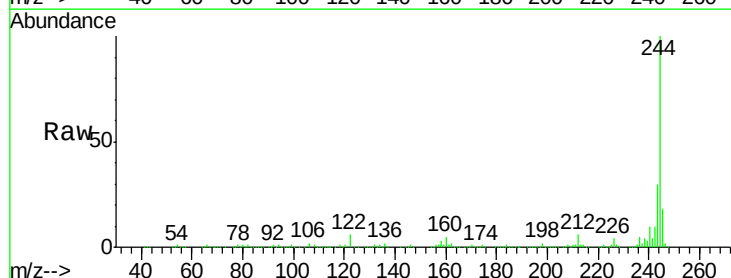
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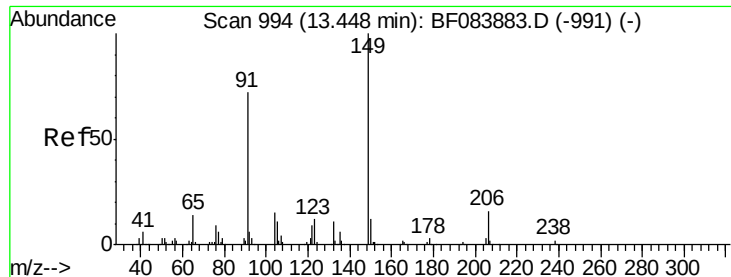
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#78
Terphenyl-d14
Concen: 85.59 ng
RT: 12.96 min Scan# 951
Delta R.T. -0.02 min
Lab File: BF083983.D
Acq: 20 Dec 2015 6:50

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	650075		
212	6.3		5.7	8.5
122	6.0		7.4	11.0#





#79

Butylbenzylphthalate

Concen: 46.88 ng

RT: 13.42 min Scan# 992

Delta R.T. -0.02 min

Lab File: BF083983.D

Acq: 20 Dec 2015 6:50

Instrument :

BNA_F

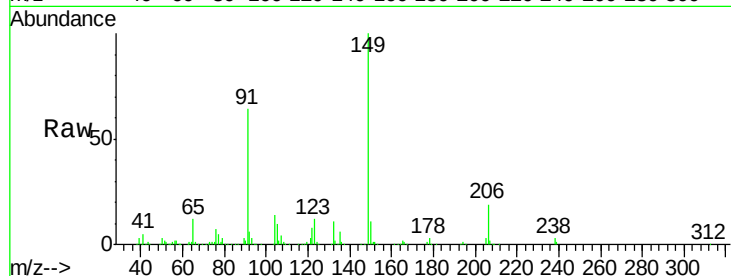
ClientSampleId :

UST-8MS

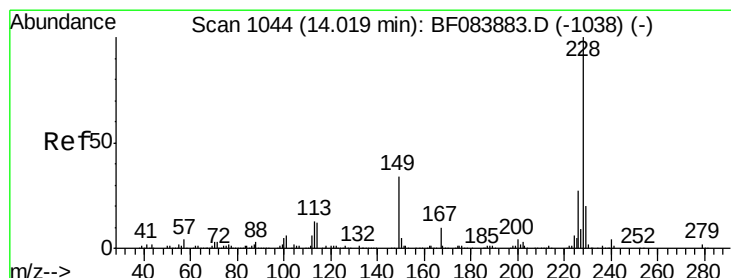
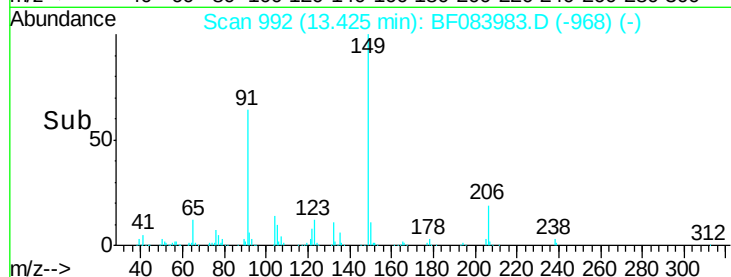
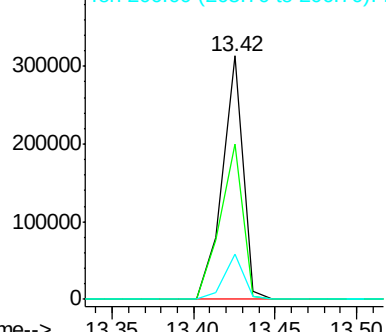
Tot Ion:	149	Resp:	277251
Ion Ratio	Lower	Upper	
149	100		
91	63.7	57.6	86.4
206	18.7	13.2	19.8

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 37.99 ng

RT: 14.00 min Scan# 1042

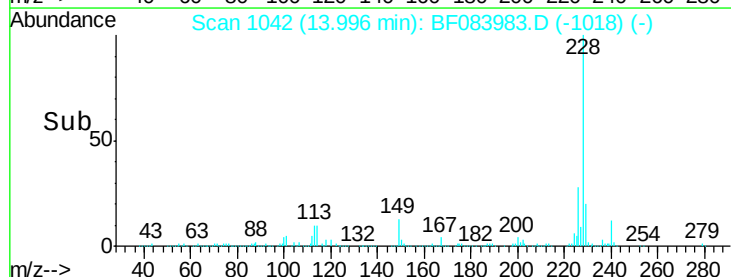
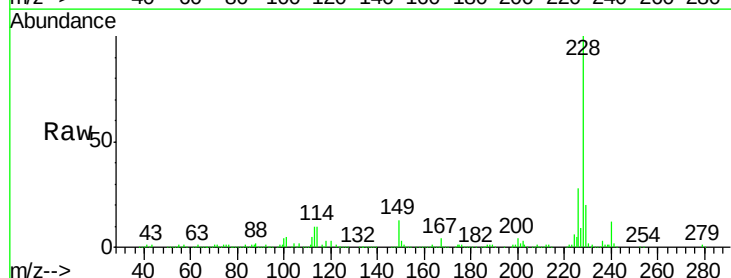
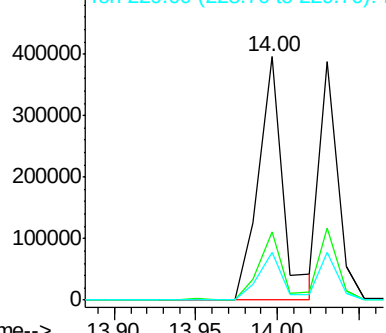
Delta R.T. -0.02 min

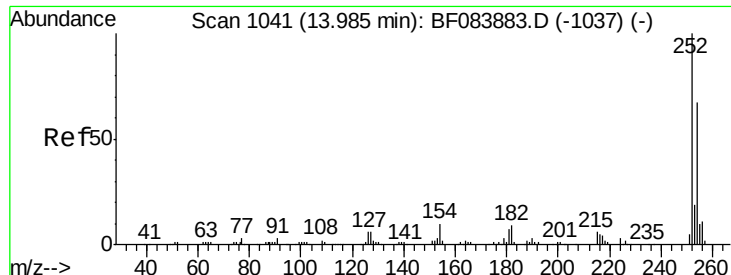
Lab File: BF083983.D

Acq: 20 Dec 2015 6:50

Tgt Ion:	228	Resp:	414991
Ion Ratio	Lower	Upper	
228	100		
226	27.9	21.8	32.6
229	19.9	15.8	23.8

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





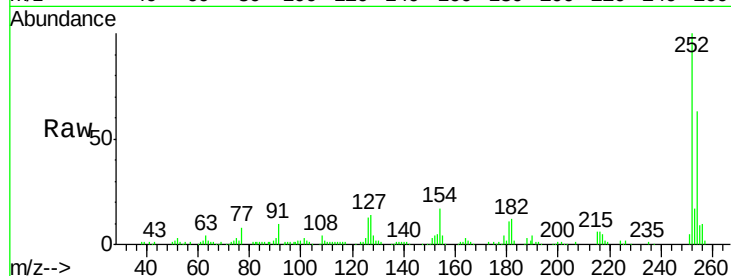
#81
 3,3'-Dichlorobenzidine
 Concen: 21.86 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.03 min
 Lab File: BF083983.D
 Acq: 20 Dec 2015 6:50

Instrument :
 BNA_F
 ClientSampleId :
 UST-8MS

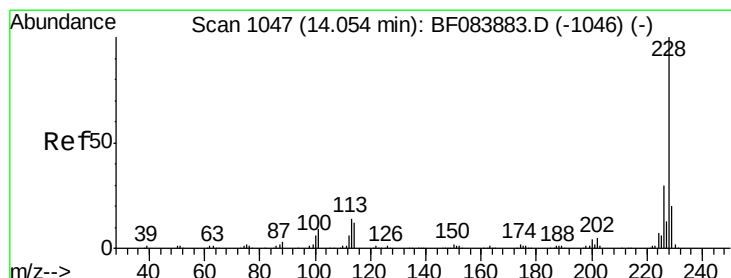
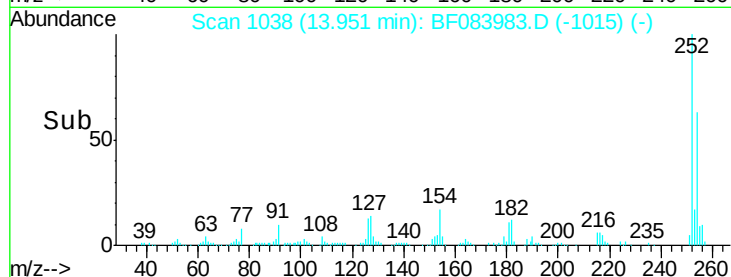
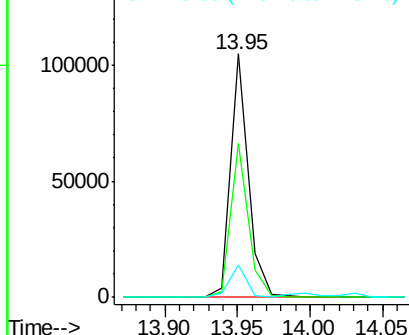
Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	63.0	53.5	80.3
126	13.4	4.9	7.3

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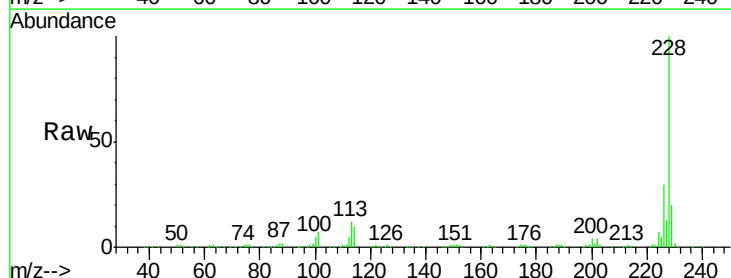


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

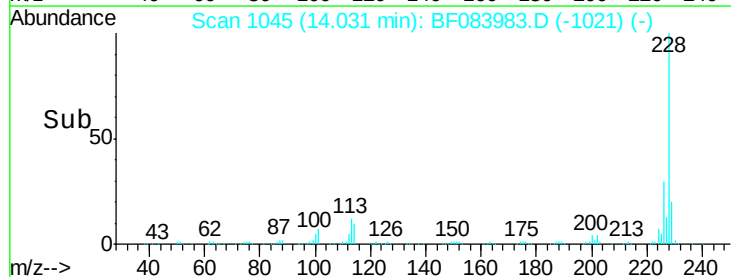
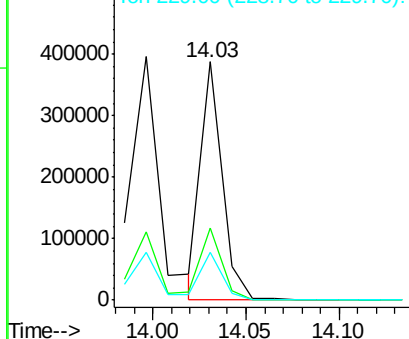


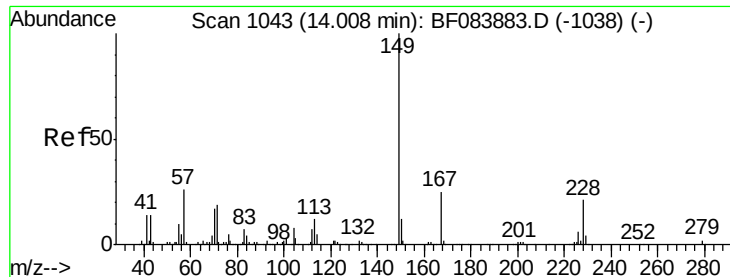
#82
 Chrysene
 Concen: 29.05 ng
 RT: 14.03 min Scan# 1045
 Delta R.T. -0.02 min
 Lab File: BF083983.D
 Acq: 20 Dec 2015 6:50

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.5	24.3	36.5
229	19.8	16.1	24.1



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 46.28 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.02 min

Lab File: BF083983.D

Acq: 20 Dec 2015 6:50

Instrument :

BNA_F

ClientSampleId :

UST-8MS

Tot Ion:149 Resp: 365428

Ion Ratio Lower Upper

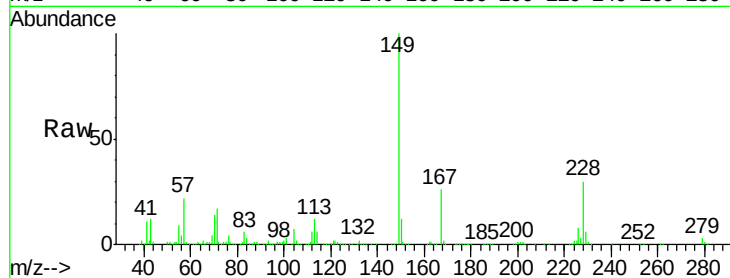
149 100

167 25.7 19.7 29.5

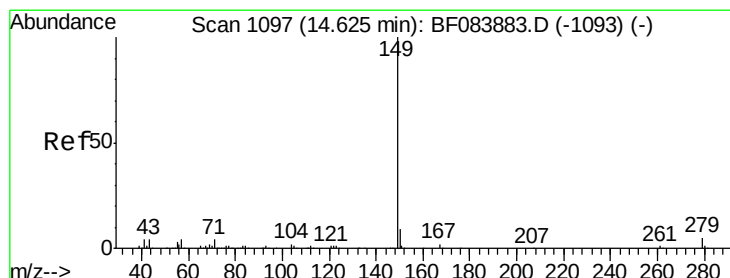
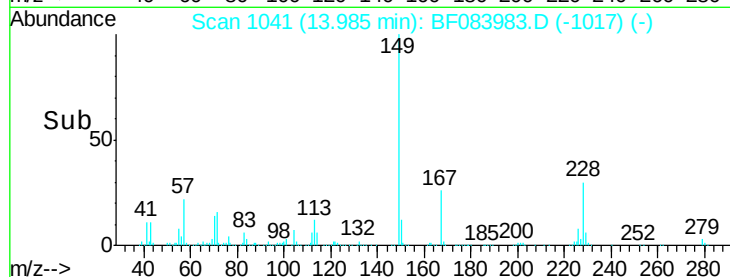
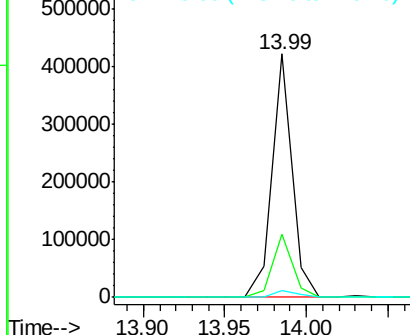
279 3.0 1.8 2.6#

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 40.07 ng

RT: 14.59 min Scan# 1094

Delta R.T. -0.03 min

Lab File: BF083983.D

Acq: 20 Dec 2015 6:50

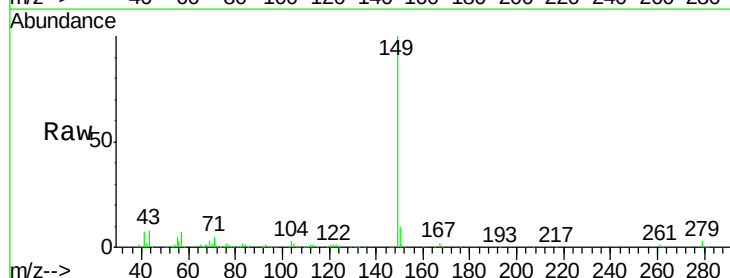
Tgt Ion:149 Resp: 495142

Ion Ratio Lower Upper

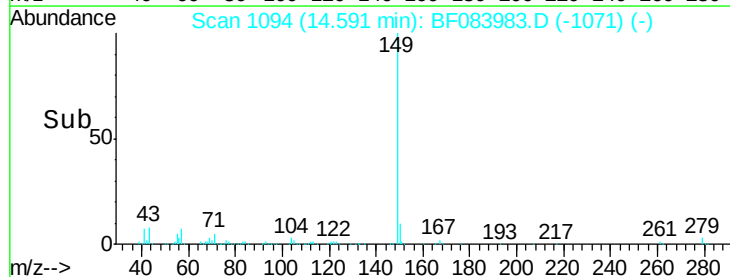
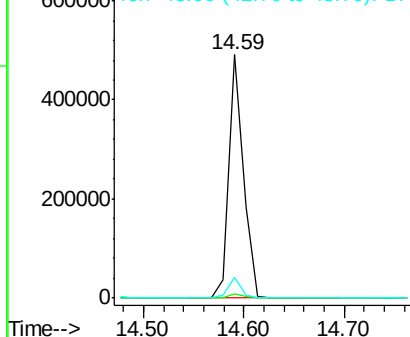
149 100

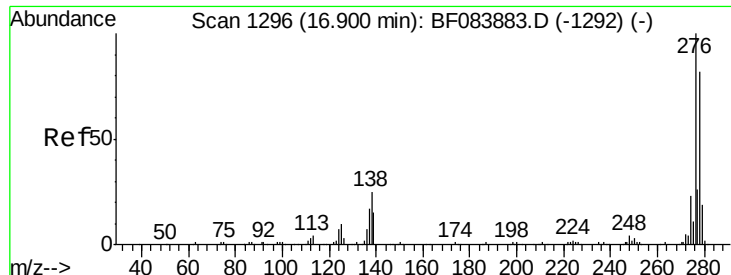
167 1.5 1.2 1.8

43 7.5 5.6 8.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0





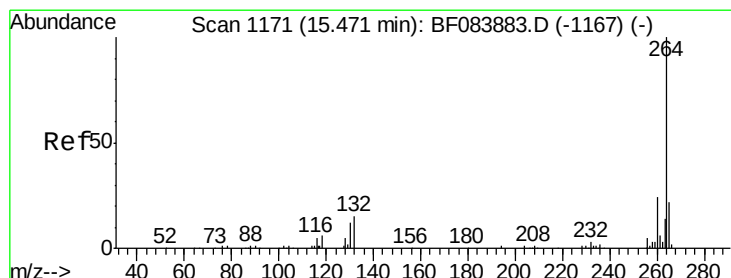
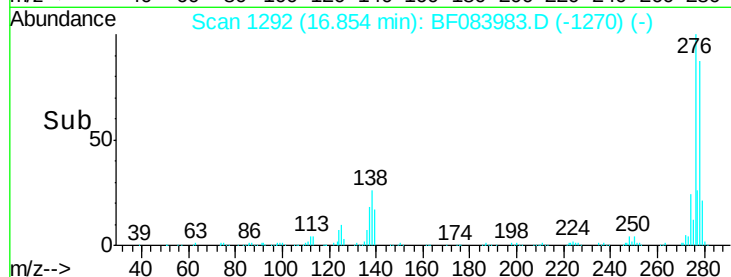
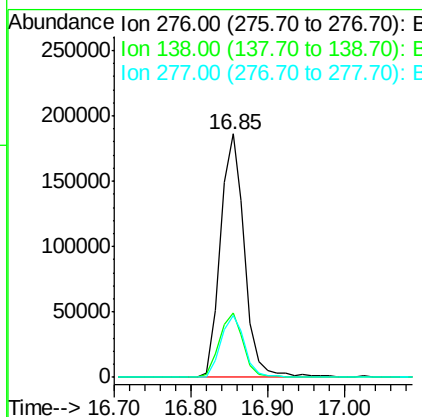
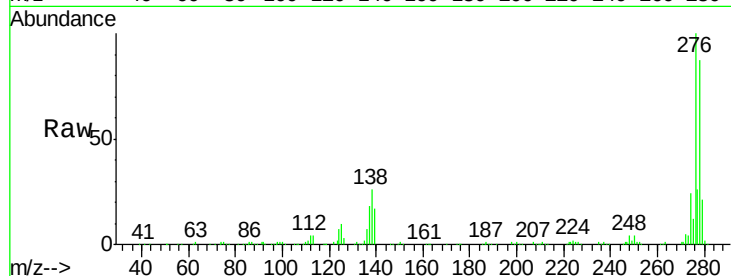
#85
Indeno(1,2,3-cd)pyrene
Concen: 51.97 ng
RT: 16.85 min Scan# 1292
Delta R.T. -0.05 min
Lab File: BF083983.D
Acq: 20 Dec 2015 6:50

Instrument :
BNA_F
ClientSampleId :
UST-8MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.5	20.6	30.8
277	25.5	20.1	30.1

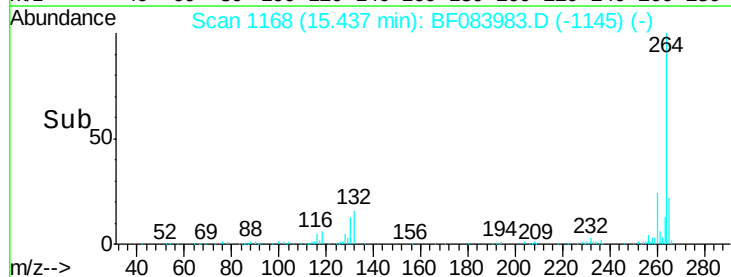
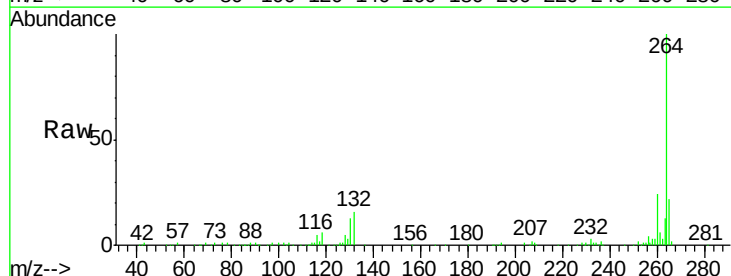
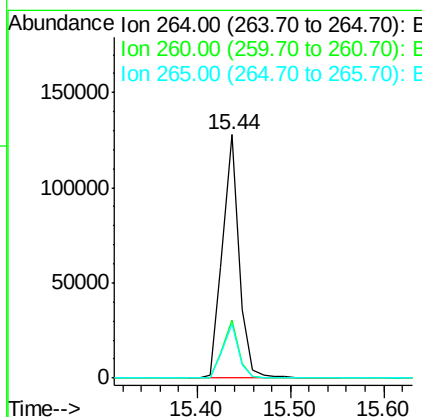
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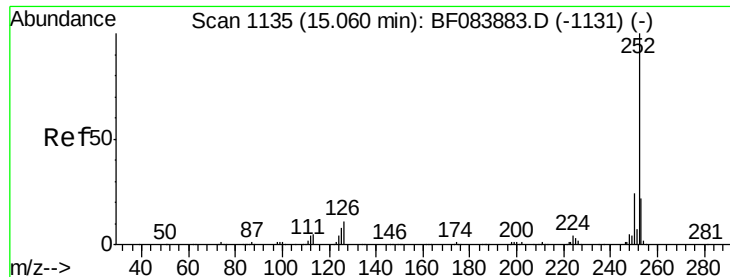
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1168
Delta R.T. -0.03 min
Lab File: BF083983.D
Acq: 20 Dec 2015 6:50

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.2
265	22.1	17.8	26.6





#87

Benzo(b)fluoranthene

Concen: 31.45 ng m

RT: 15.03 min Scan# 1132

Delta R.T. -0.03 min

Lab File: BF083983.D

Acq: 20 Dec 2015 6:50

Instrument :

BNA_F

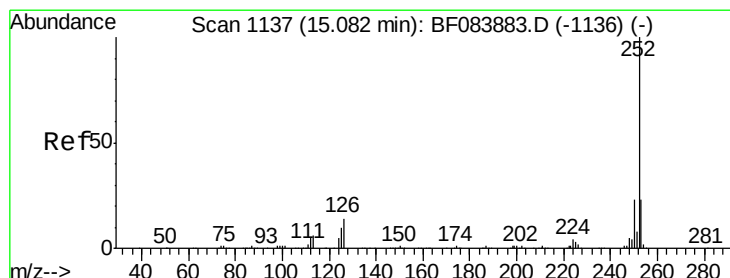
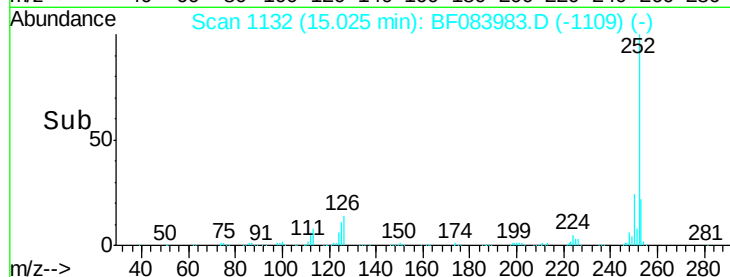
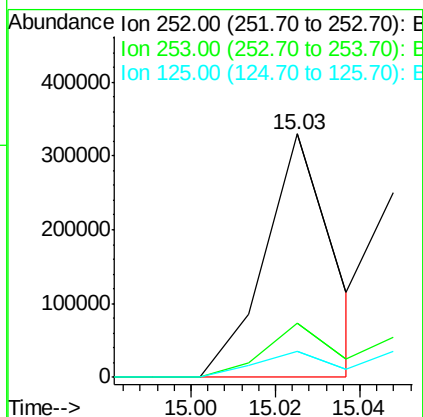
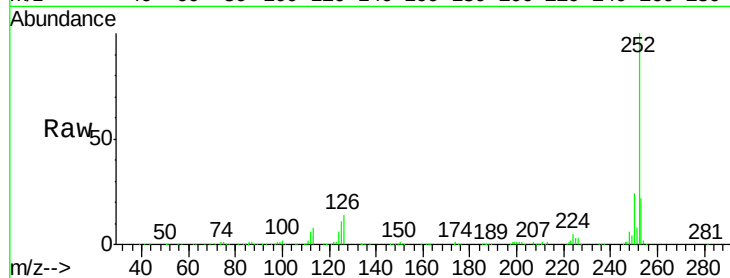
ClientSampleId :

UST-8MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.3	25.9
125	10.8	6.5	9.7

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#88

Benzo(k)fluoranthene

Concen: 36.76 ng m

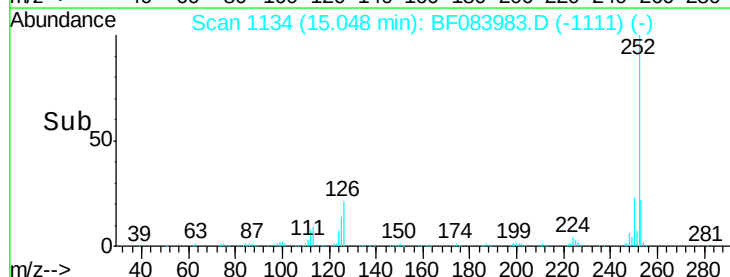
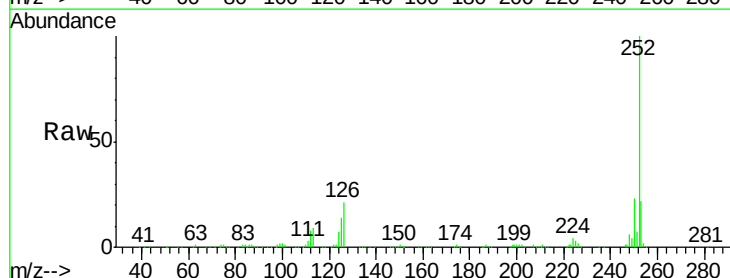
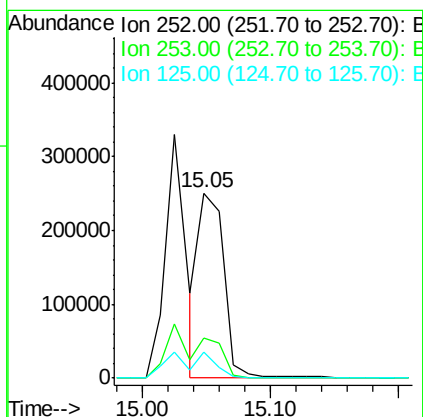
RT: 15.05 min Scan# 1134

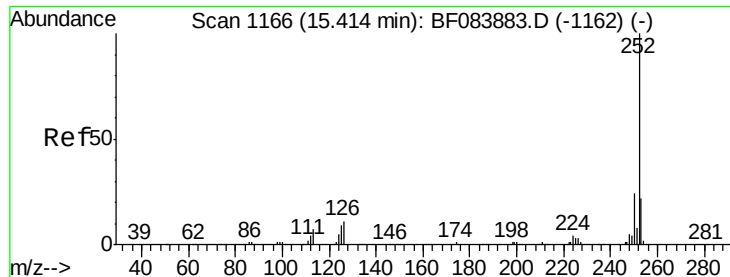
Delta R.T. -0.03 min

Lab File: BF083983.D

Acq: 20 Dec 2015 6:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.1	27.1
125	14.0	9.0	13.6





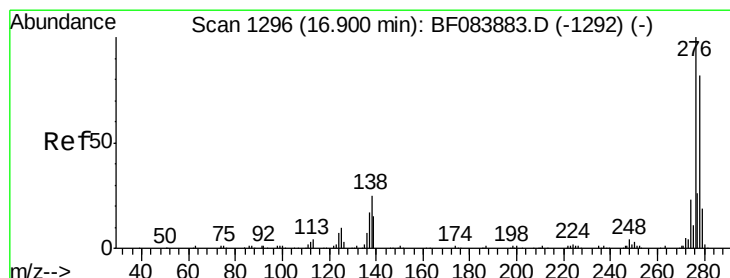
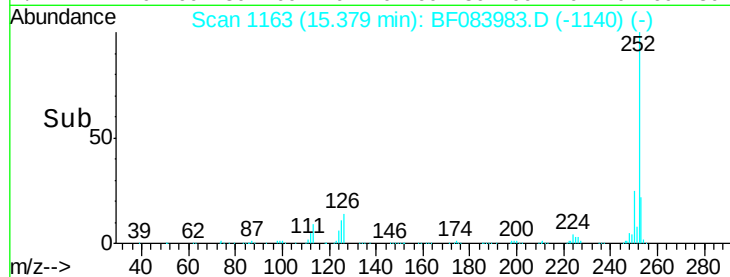
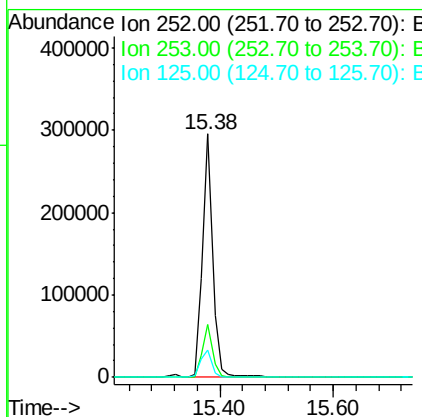
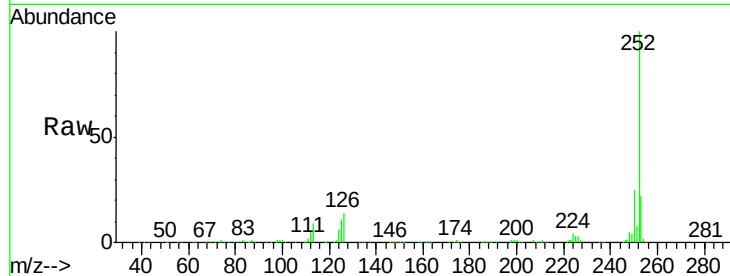
#89
Benzo(a)pyrene
Concen: 37.48 ng
RT: 15.38 min Scan# 1163
Delta R.T. -0.03 min
Lab File: BF083983.D
Acq: 20 Dec 2015 6:50

Instrument :
BNA_F
ClientSampleId :
UST-8MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.3	25.9
125	11.2	7.0	10.4

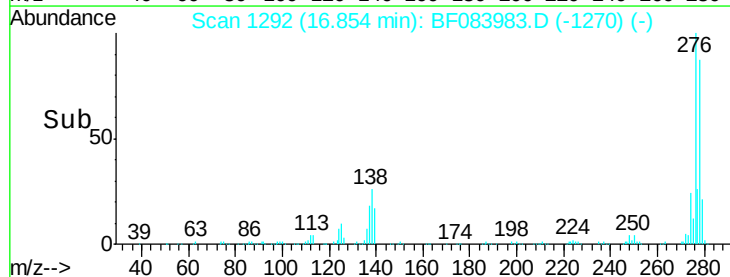
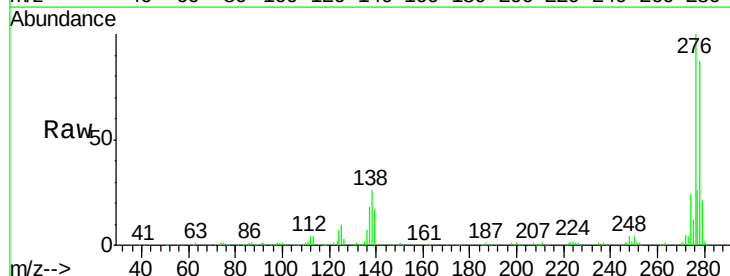
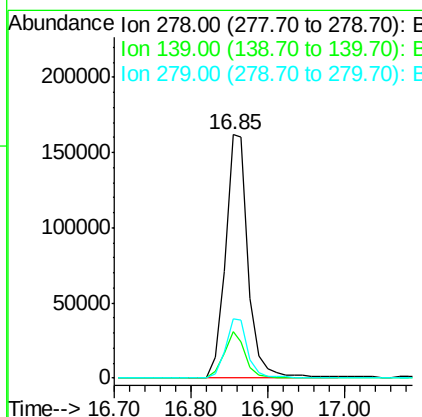
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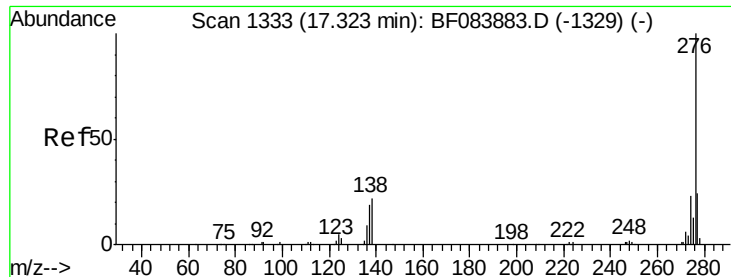
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#90
Dibenzo(a,h)anthracene
Concen: 45.70 ng
RT: 16.85 min Scan# 1292
Delta R.T. -0.05 min
Lab File: BF083983.D
Acq: 20 Dec 2015 6:50

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.1	15.0	22.4
279	24.2	18.9	28.3





#91
 Benzo(a,h,i)perylene
 Concen: 46.13 ng
 RT: 17.28 min Scan# 1329
 Delta R.T. -0.05 min
 Lab File: BF083983.D
 Acq: 20 Dec 2015 6:50

Instrument :
 BNA_F
 ClientSampleId :
 UST-8MS

Tot Ion:	276	Resp:	336143
Ion Ratio	Lower	Upper	
276	100		
277	23.3	18.8	28.2
138	23.0	17.8	26.6

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