

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051316\
 Data File : BF086990.D
 Acq On : 14 May 2016 00:46
 Operator : UM/SJ
 Sample : H2945-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-43-050616MS

Manual Integrations
 APPROVED

sohil
 5/14/2016 10:00:36 AM

Quant Time: May 14 01:51:47 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 13 23:02:21 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	139111	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	559478	20.00	ng	-0.01
38) Acenaphthene-d10	9.64	164	273113	20.00	ng	-0.01
63) Phenanthrene-d10	11.13	188	543729	20.00	ng	0.00
75) Chrysene-d12	13.76	240	415372	20.00	ng	0.00
86) Perylene-d12	15.11	264	317006	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.22	112	1066907	129.88	ng	0.02
7) Phenol-d6	6.28	99	1389474	126.57	ng	0.00
23) Nitrobenzene-d5	7.19	82	1032755	92.69	ng	-0.01
41) 2,4,6-Tribromophenol	10.44	330	436699	151.04	ng	0.00
44) 2-Fluorobiphenyl	8.98	172	1499225	92.26	ng	0.00
78) Terphenyl-d14	12.72	244	1657801	84.68	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.25	88	147113	36.48	ng	# 67
3) Pyridine	2.90	79	241383m	24.48	ng	
4) n-Nitrosodimethylamine	2.80	42	317881	44.46	ng	# 52
6) Aniline	6.30	93	73369	5.53	ng	# 1
8) 2-Chlorophenol	6.41	128	421886	42.56	ng	96
9) Benzaldehyde	6.17	77	29217	4.60	ng	97
10) Phenol	6.30	94	506321	38.80	ng	# 70
11) bis(2-Chloroethyl)ether	6.36	93	475270	46.71	ng	89
12) 1,3-Dichlorobenzene	6.55	146	353149m	32.92	ng	
13) 1,4-Dichlorobenzene	6.63	146	369775m	33.80	ng	
14) 1,2-Dichlorobenzene	6.79	146	345570	36.25	ng	97
15) Benzyl Alcohol	6.78	79	405676	53.51	ng	# 87
16) 2,2'-oxybis(1-Chloropropan	6.90	45	879261	39.75	ng	56
17) 2-Methylphenol	6.90	107	354558	44.95	ng	# 79
18) Hexachloroethane	7.12	117	134254	32.62	ng	98
19) n-Nitroso-di-n-propylamine	7.05	70	388523	50.64	ng	# 74
20) 3+4-Methylphenols	7.06	107	484944	47.08	ng	# 61
22) Acetophenone	7.04	105	642797	48.64	ng	100
24) Nitrobenzene	7.21	77	558027	48.69	ng	97
25) Isophorone	7.45	82	936681	45.31	ng	98
26) 2-Nitrophenol	7.53	139	240990	47.83	ng	# 95
27) 2,4-Dimethylphenol	7.59	122	402894	46.94	ng	92
28) bis(2-Chloroethoxy)methane	7.67	93	551008	49.41	ng	98
29) 2,4-Dichlorophenol	7.78	162	364296	48.23	ng	94
30) 1,2,4-Trichlorobenzene	7.85	180	345604	40.92	ng	98
31) Naphthalene	7.92	128	1130603	40.35	ng	99
32) Benzoic acid	7.75	122	247035	49.01	ng	# 81
33) 4-Chloroaniline	7.99	127	78016	7.16	ng	# 90
34) Hexachlorobutadiene	8.04	225	183224	37.39	ng	99
35) Caprolactam	8.38	113	101594m	39.53	ng	
36) 4-Chloro-3-methylphenol	8.49	107	408462	44.59	ng	90
37) 2-Methylnaphthalene	8.62	142	812296	49.58	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.78	216	319321	40.21	ng	97
40) Hexachlorocyclopentadiene	8.76	237	249058	66.08	ng	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.90	196	239896	45.18	nq	95
43) 2,4,5-Trichlorophenol	8.96	196	268079	48.82	nq	96
45) 1,1'-Biphenyl	9.08	154	1030871	47.45	nq	100
46) 2-Chloronaphthalene	9.10	162	757706	44.52	nq	92
47) 2-Nitroaniline	9.21	65	297838	47.88	nq	# 74
48) Acenaphthylene	9.52	152	1198463	47.87	nq	99
49) Dimethylphthalate	9.39	163	950954	45.64	nq	99
50) 2,6-Dinitrotoluene	9.45	165	209683	47.82	nq	# 68
51) Acenaphthene	9.68	154	739565	47.49	nq	98
52) 3-Nitroaniline	9.62	138	104357	22.61	nq	# 81
53) 2,4-Dinitrophenol	9.74	184	223010	97.64	nq	# 76
54) Dibenzofuran	9.86	168	1097025	54.88	nq	99
55) 4-Nitrophenol	9.82	139	273084	88.22	nq	# 48
56) 2,4-Dinitrotoluene	9.86	165	284450	52.42	nq	# 92
57) Fluorene	10.19	166	826098	48.46	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.99	232	234675	56.76	nq	99
59) Diethylphthalate	10.09	149	916305	45.13	nq	98
60) 4-Chlorophenyl-phenylether	10.19	204	368803	51.55	nq	97
61) 4-Nitroaniline	10.24	138	212227	47.87	nq	# 67
62) Azobenzene	10.35	77	1142669	52.16	nq	88
64) 4,6-Dinitro-2-methylphenol	10.27	198	165565	49.02	nq	90
65) n-Nitrosodiphenylamine	10.32	169	754724	45.18	nq	99
66) 4-Bromophenyl-phenylether	10.68	248	253930	46.06	nq	# 81
67) Hexachlorobenzene	10.74	284	279867	43.44	nq	# 78
68) Atrazine	10.86	200	252239	45.20	nq	94
69) Pentachlorophenol	10.95	266	313320	105.23	nq	96
70) Phenanthrene	11.15	178	1285462	44.30	nq	99
71) Anthracene	11.21	178	1397811	47.10	nq	99
72) Carbazole	11.37	167	1290463	50.59	nq	99
73) Di-n-butylphthalate	11.70	149	1359754	43.65	nq	# 98
74) Fluoranthene	12.33	202	1275070	42.72	nq	99
76) Benzidine	12.47	184	53239	5.03	nq	99
77) Pyrene	12.56	202	1286675	40.46	nq	98
79) Butylbenzylphthalate	13.19	149	587402	43.67	nq	# 66
80) Benzo(a)anthracene	13.75	228	1067375	45.77	nq	99
81) 3,3'-Dichlorobenzidine	13.71	252	178399	12.04	nq	99
82) Chrysene	13.78	228	1014892	42.79	nq	99
83) Bis(2-ethylhexyl)phthalate	13.75	149	727960	44.99	nq	# 94
84) Di-n-octyl phthalate	14.37	149	1320775	49.28	nq	# 86
85) Indeno(1,2,3-cd)pyrene	16.37	276	863144	43.74	nq	95
87) Benzo(b)fluoranthene	14.74	252	1224823m	59.45	nq	
88) Benzo(k)fluoranthene	14.78	252	681889m	40.42	nq	
89) Benzo(a)pyrene	15.06	252	851658	47.93	nq	98
90) Dibenzo(a,h)anthracene	16.38	278	723126	48.28	nq	# 92
91) Benzo(g,h,i)perylene	16.73	276	743247	48.84	nq	94

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

```

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Misc      :
ALS Vial  : 16      Sample Multiplier: 1

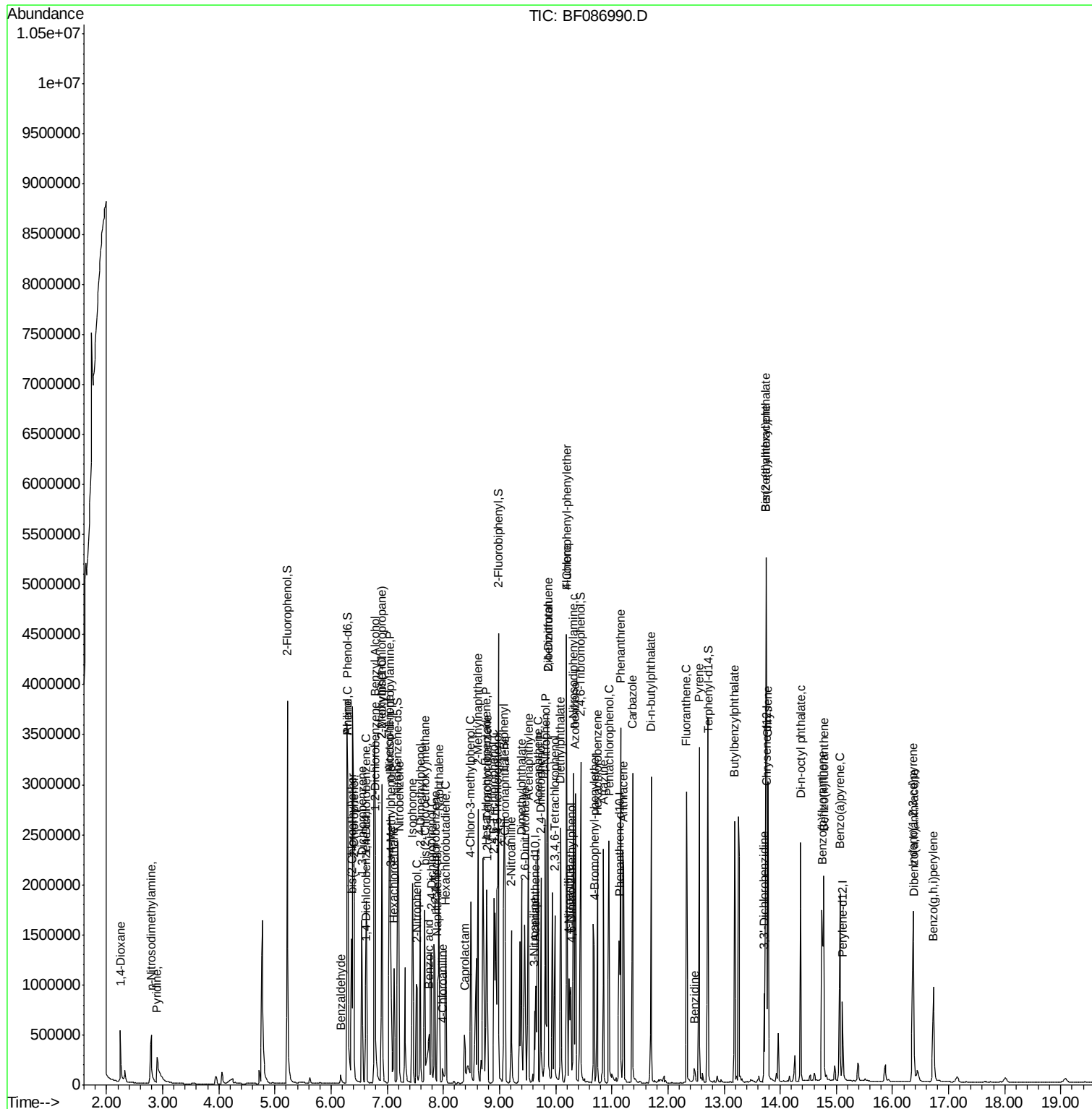
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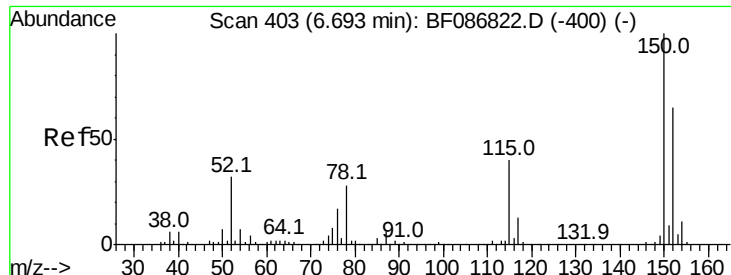
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.62 min Scan# 440

Delta R.T. 0.00 min

Lab File: BF086990.D

Acq: 14 May 2016 00:46

Instrument :

BNA_F

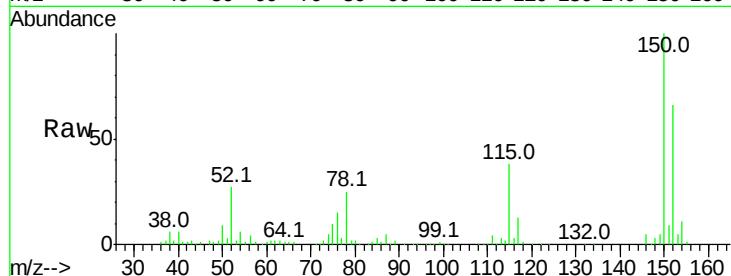
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HSR-WC-43-050616MS

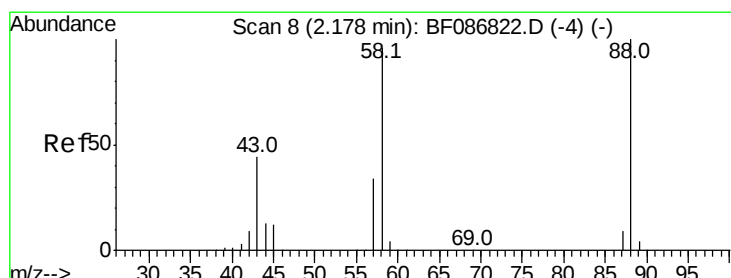
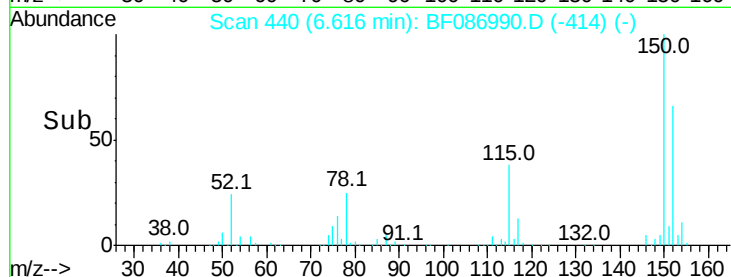
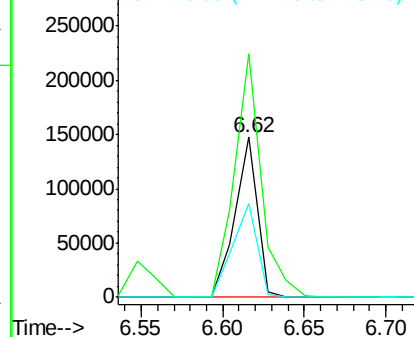
Tot Ion:	152	Resp:	139111
Ion Ratio	Lower	Upper	
152	100		
150	152.3	125.8	188.6
115	58.5	51.5	77.3

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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



#2

1,4-Dioxane

Concen: 36.48 ng

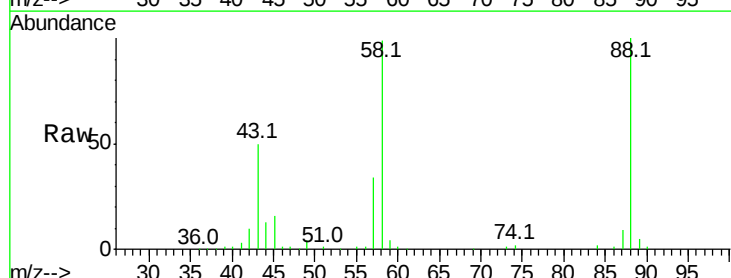
RT: 2.25 min Scan# 58

Delta R.T. 0.22 min

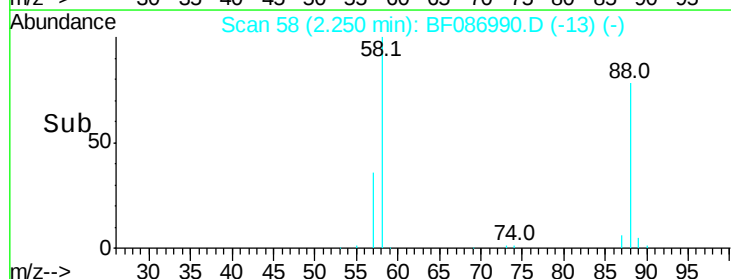
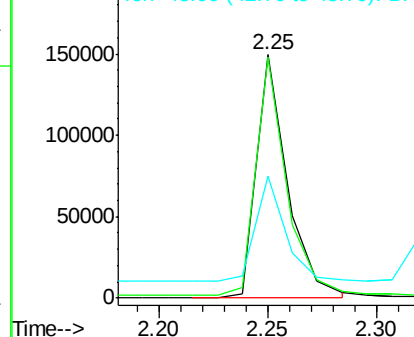
Lab File: BF086990.D

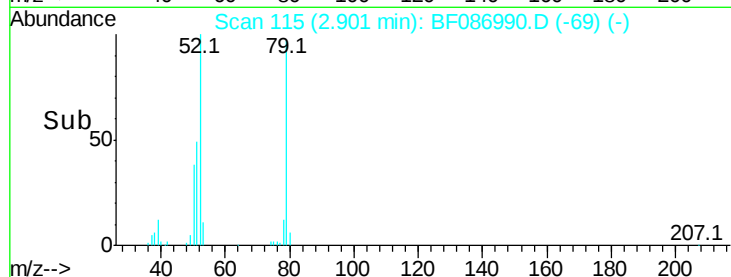
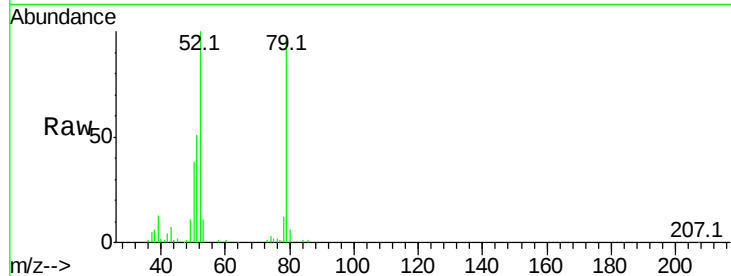
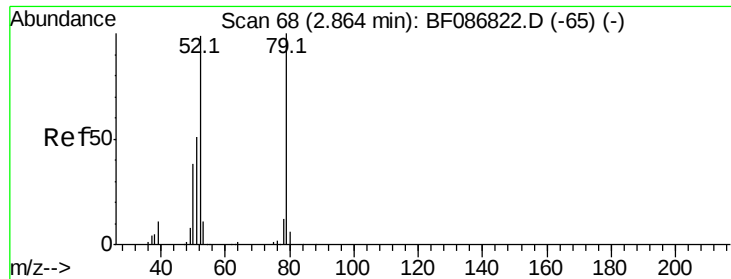
Acq: 14 May 2016 00:46

Tgt Ion:	88	Resp:	147113
Ion Ratio	Lower	Upper	
88	100		
58	96.6	59.6	89.4#
43	0.0	21.8	32.6#



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





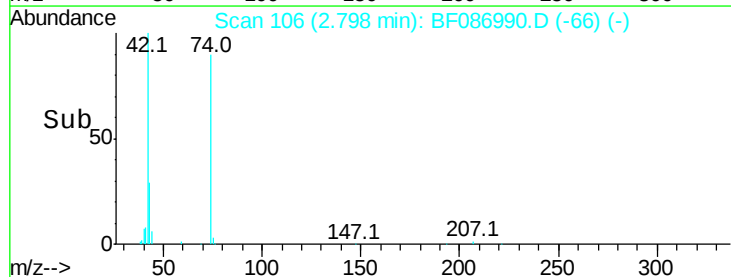
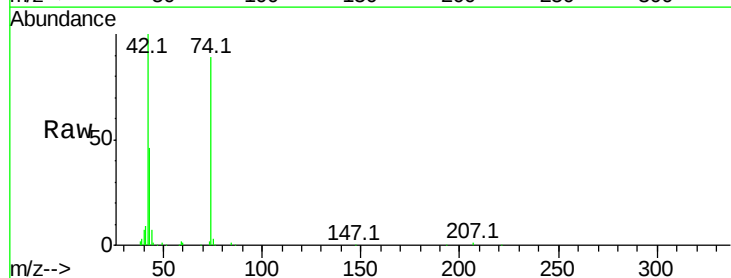
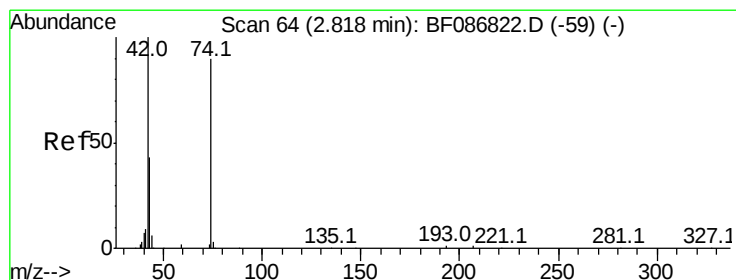
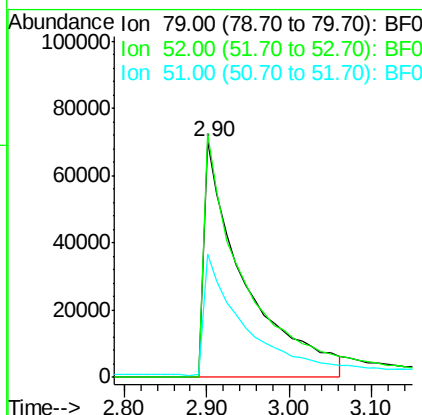
#3
Pvridine
Concen: 24.48 ng/ml
RT: 2.90 min Scan# 115
Delta R.T. 0.23 min
Lab File: BF086990.D
Acq: 14 May 2016 00:46

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
52	103.4	55.9	83.9%		
51	52.3	28.1	42.1%		

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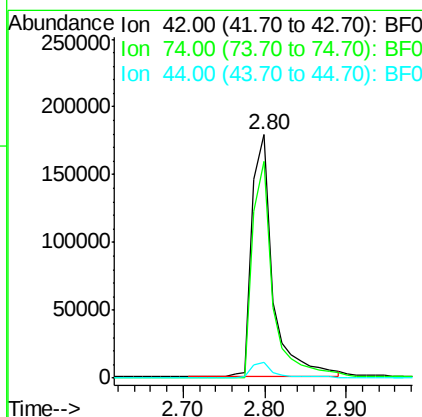
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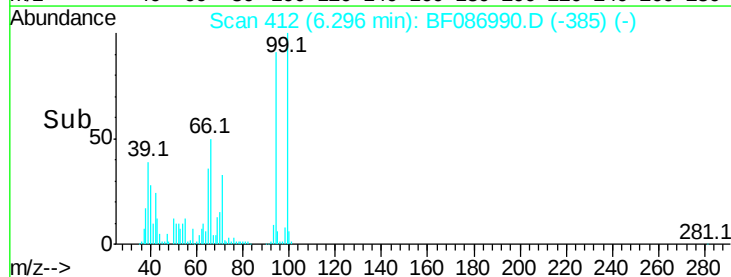
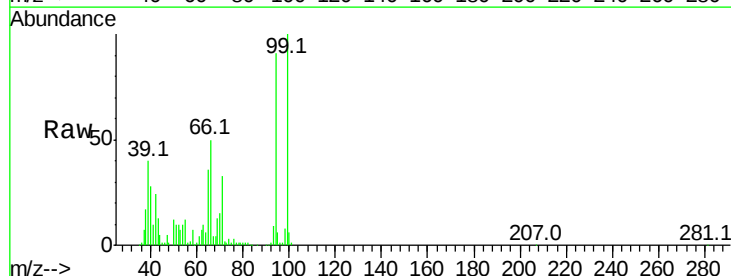
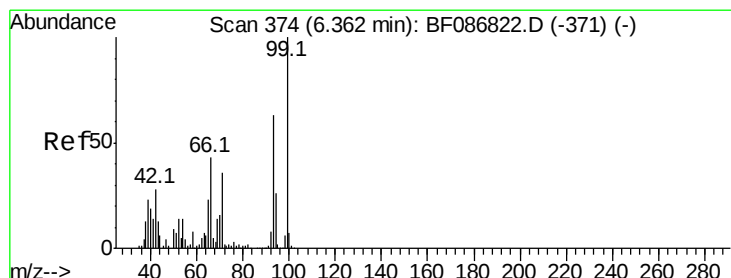
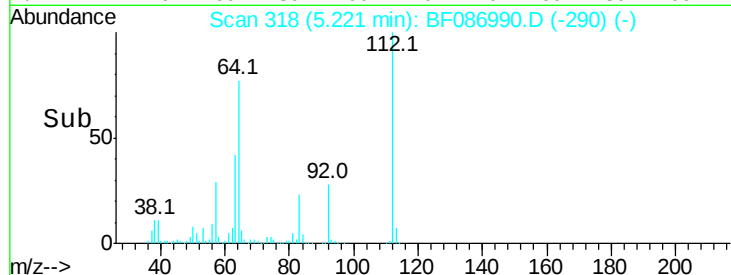
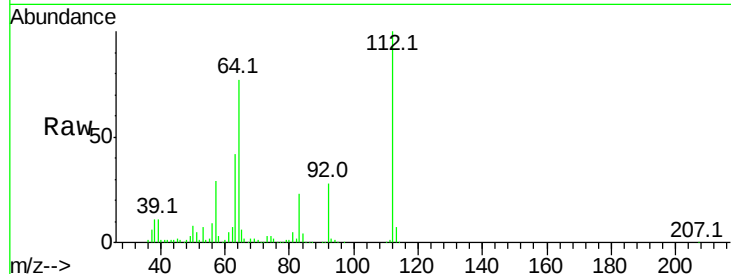
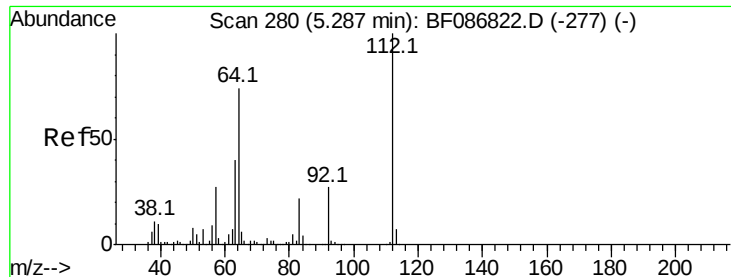
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#4
n-Nitrosodimethylamine
Concen: 44.46 ng
RT: 2.80 min Scan# 106
Delta R.T. 0.16 min
Lab File: BF086990.D
Acq: 14 May 2016 00:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100				
74	89.0	123.4	185.0%		
44	6.6	5.8	8.6%		





#5

2-Fluorophenol

Concen: 129.88 ng

RT: 5.22 min Scan# 318

Delta R.T. 0.02 min

Lab File: BF086990.D

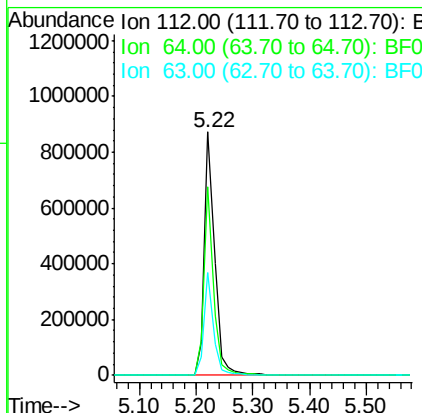
Acq: 14 May 2016 00:46

Tot Ion:	112	Resp:	1066907
Ion Ratio	Lower	Upper	
112	100		
64	77.4	52.1	78.1
63	42.2	25.7	38.5#

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#6

Aniline

Concen: 5.53 ng

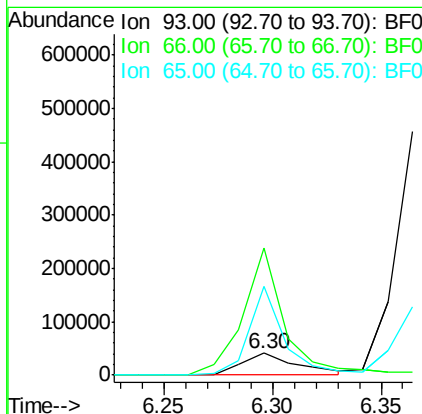
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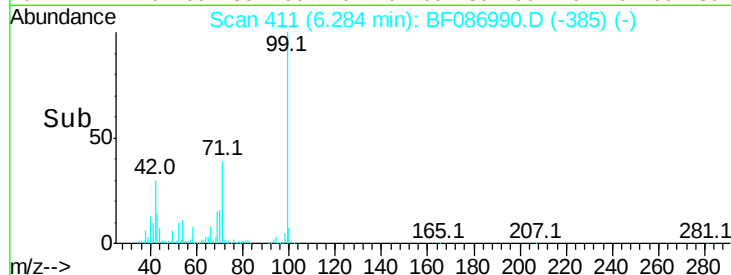
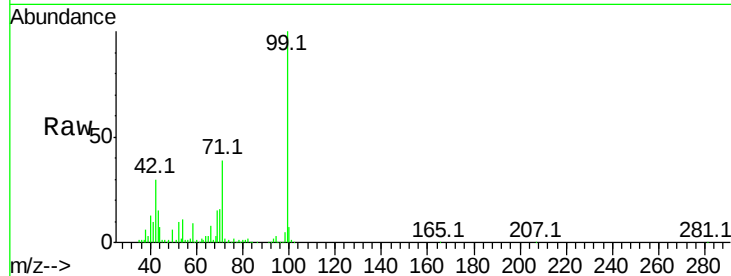
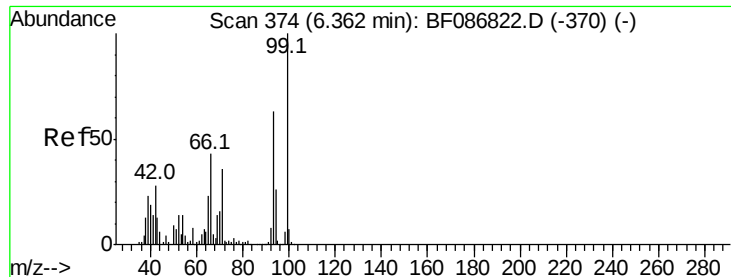
Delta R.T. 0.01 min

Lab File: BF086990.D

Acq: 14 May 2016 00:46

Tgt Ion:	93	Resp:	73369
Ion Ratio	Lower	Upper	
93	100		
66	581.1	39.0	58.6#
65	409.7	20.6	31.0#





#7

Phenol-d6

Concen: 126.57 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF086990.D

Acq: 14 May 2016 00:46

Tot Ion: 99 Resp: 1389474

Ion Ratio Lower Upper

99 100

42 30.2 13.6 20.4#

71 38.9 24.6 36.8#

Instrument :

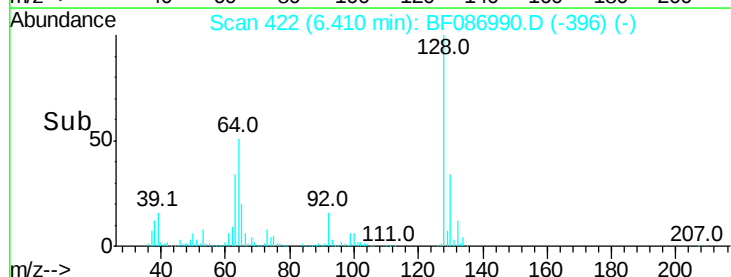
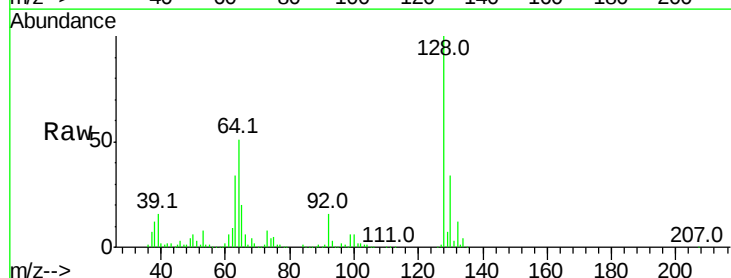
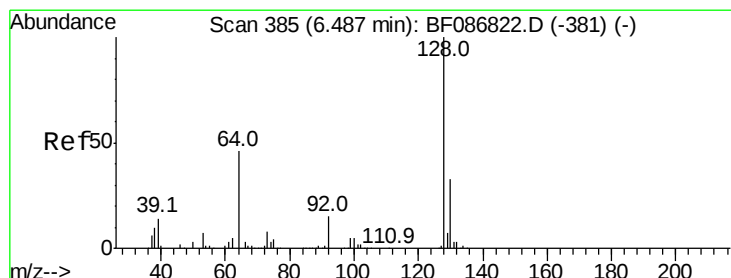
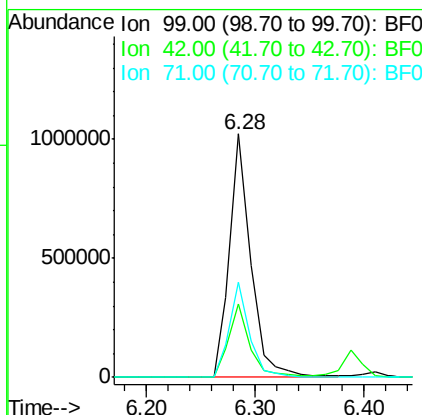
BNA_F

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#8

2-Chlorophenol

Concen: 42.56 ng

RT: 6.41 min Scan# 422

Delta R.T. 0.00 min

Lab File: BF086990.D

Acq: 14 May 2016 00:46

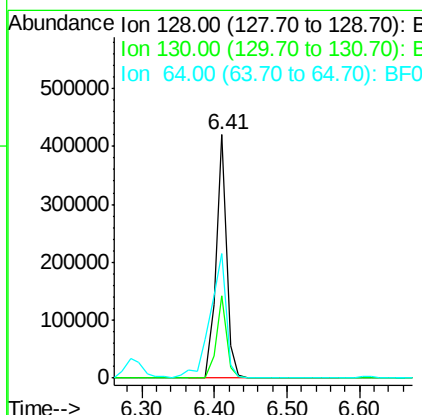
Tgt Ion:128 Resp: 421886

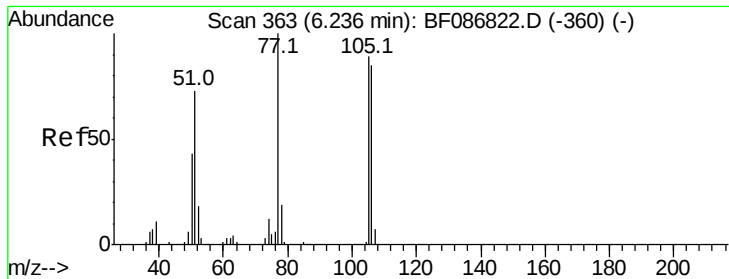
Ion Ratio Lower Upper

128 100

130 33.8 12.5 52.5

64 51.3 27.3 67.3





#9

Benzaldehyde

Concen: 4.60 ng

RT: 6.17 min Scan# 401

Delta R.T. 0.01 min

Lab File: BF086990.D

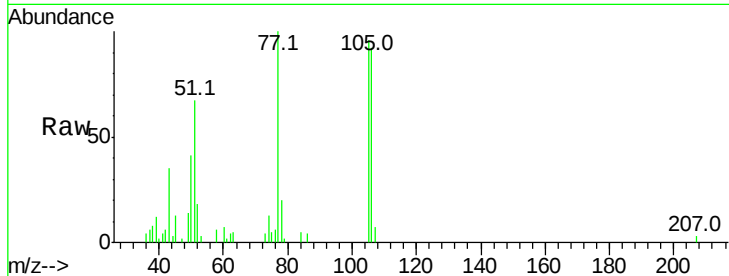
Acq: 14 May 2016 00:46

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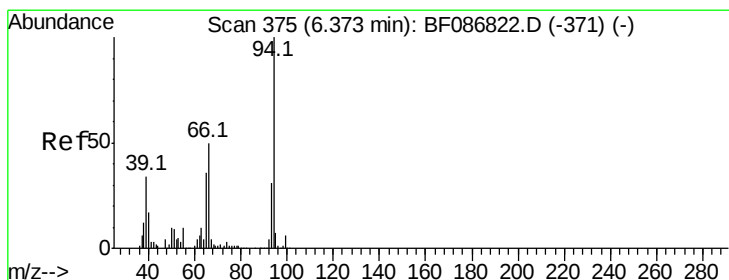
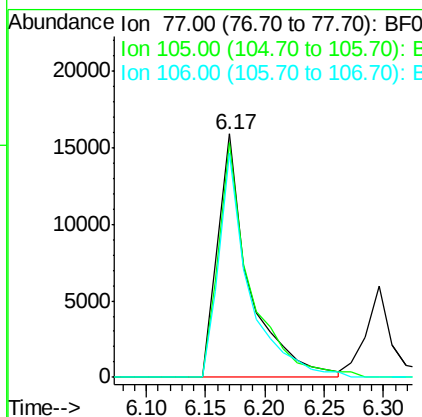
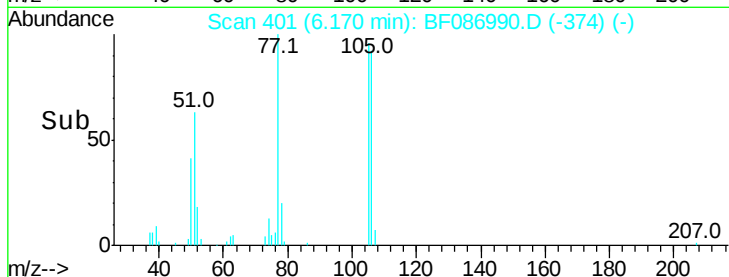
HSR-WC-43-050616MS



Tot Ion:	77	Resp:	29217
Ion	Ratio	Lower	Upper
77	100		
105	96.4	72.7	112.7
106	92.2	70.8	110.8

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#10

Phenol

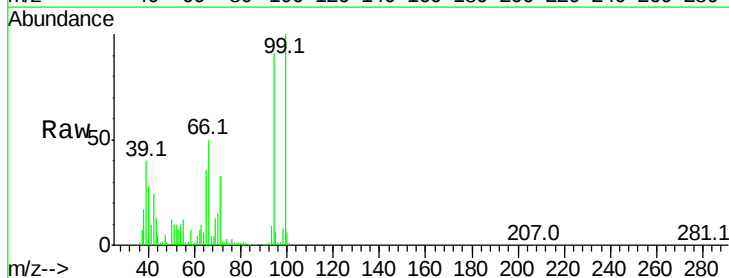
Concen: 38.80 ng

RT: 6.30 min Scan# 412

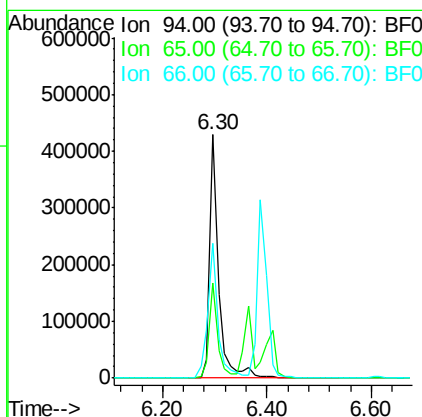
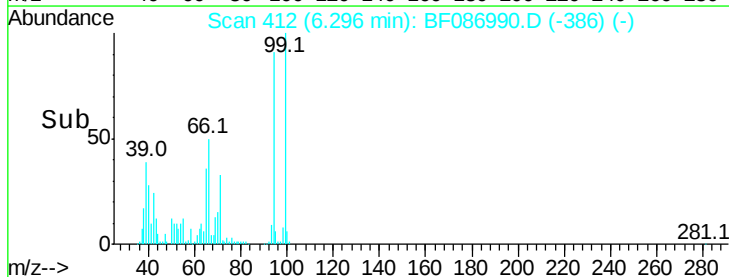
Delta R.T. 0.00 min

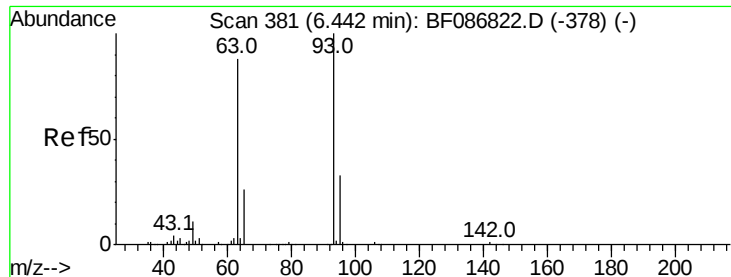
Lab File: BF086990.D

Acq: 14 May 2016 00:46



Tgt Ion:	94	Resp:	506321
Ion	Ratio	Lower	Upper
94	100		
65	39.0	7.2	47.2
66	55.3	14.9	54.9#





#11

bis(2-Chloroethyl)ether

Concen: 46.71 ng

RT: 6.36 min Scan# 418

Delta R.T. 0.00 min

Lab File: BF086990.D

Acq: 14 May 2016 00:46

Instrument :

BNA_F

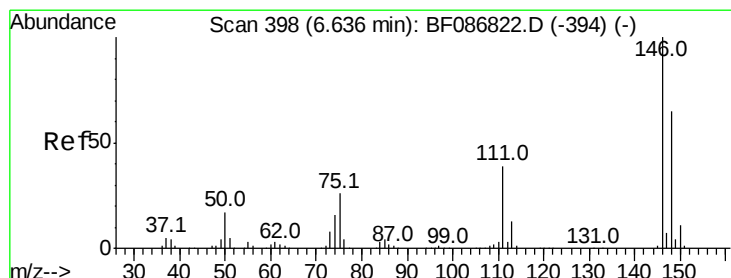
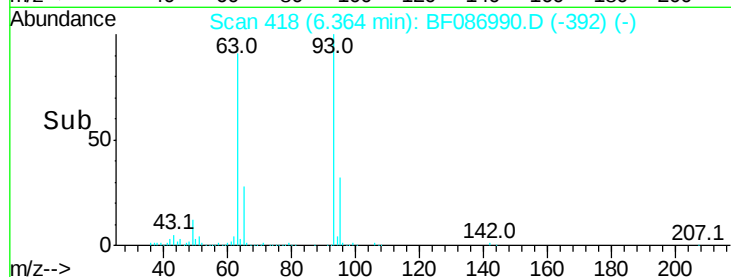
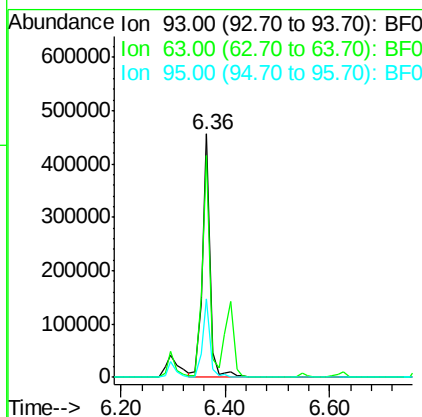
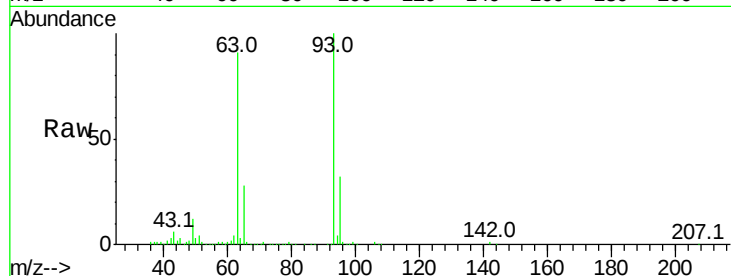
ClientSampleId :

HSR-WC-43-050616MS

Tot Ion	93	Resp	475270
Ion Ratio	Lower	Upper	
93	100		
63	90.9	58.0	98.0
95	32.4	11.9	51.9

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#12

1,3-Dichlorobenzene

Concen: 32.92 ng m

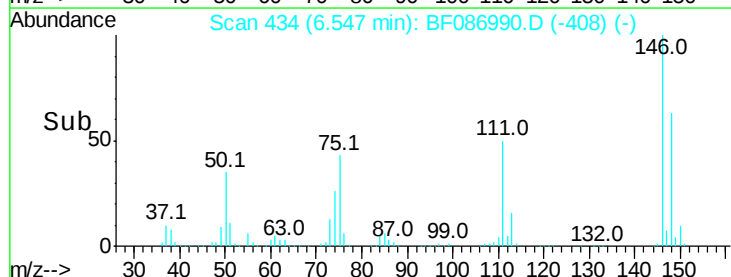
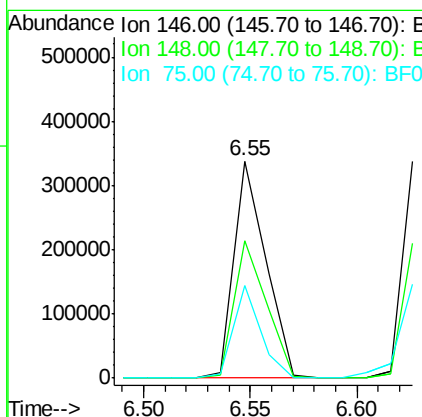
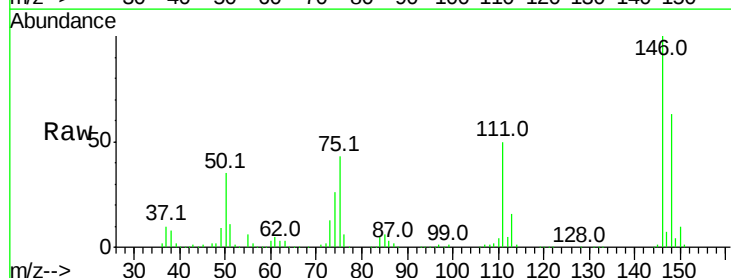
RT: 6.55 min Scan# 434

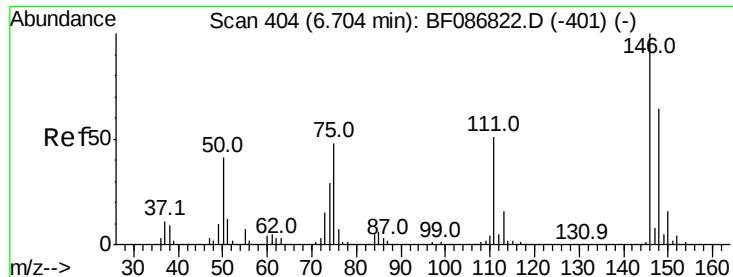
Delta R.T. 0.00 min

Lab File: BF086990.D

Acq: 14 May 2016 00:46

Tgt Ion	146	Resp	353149
Ion Ratio	Lower	Upper	
146	100		
148	63.1	52.4	78.6
75	42.9	22.8	34.2#





#13

1,4-Dichlorobenzene

Concen: 33.80 ng/mL

RT: 6.63 min Scan# 441

Delta R.T. 0.00 min

Lab File: BF086990.D

Acq: 14 May 2016 00:46

Instrument :

BNA_F

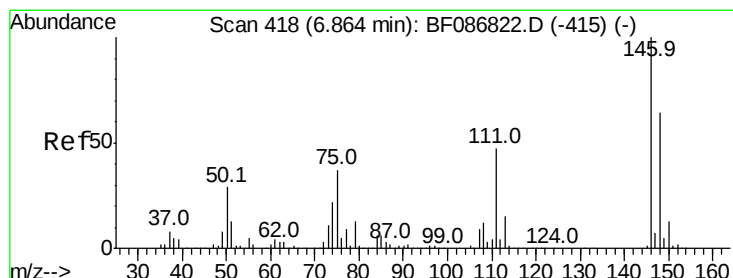
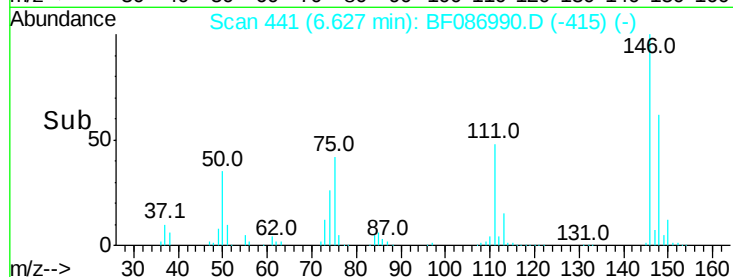
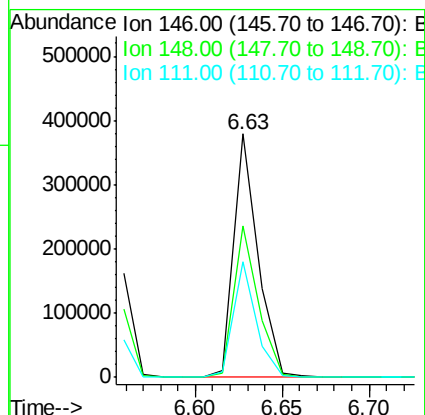
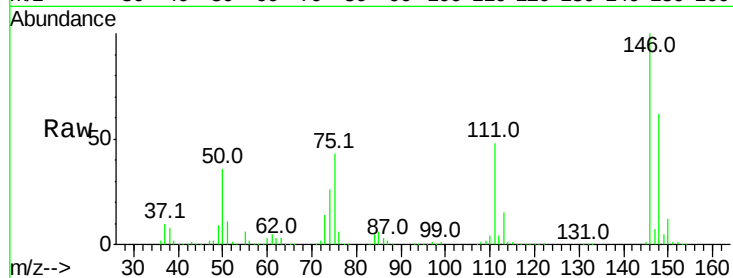
ClientSampleID :

HSR-WC-43-050616MS

Tot Ion:	146	Resp:	369775
Ion Ratio	Lower	Upper	
146	100		
148	62.4	52.2	78.4
111	47.6	30.7	46.1

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#14

1,2-Dichlorobenzene

Concen: 36.25 ng/mL

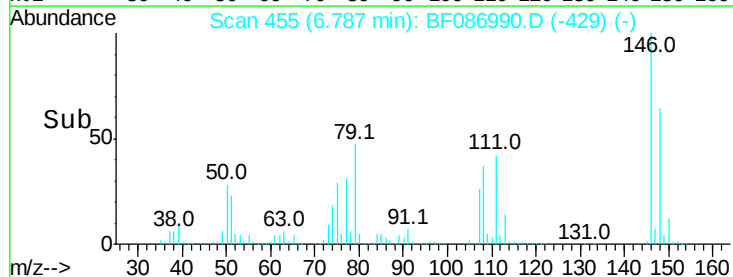
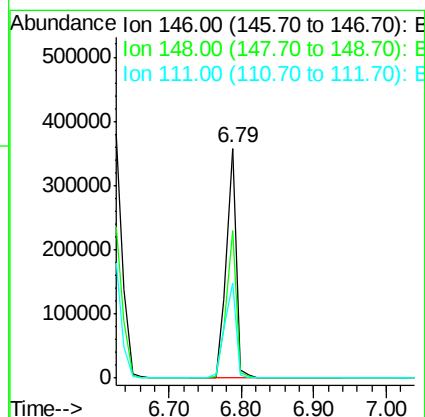
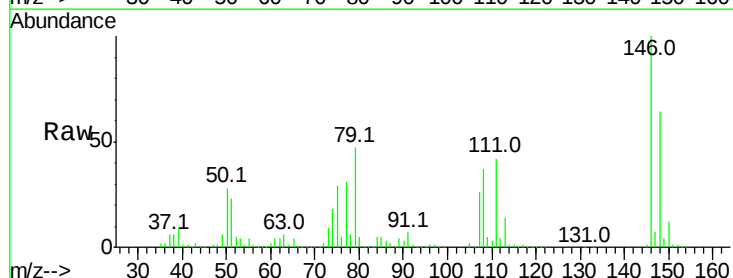
RT: 6.79 min Scan# 455

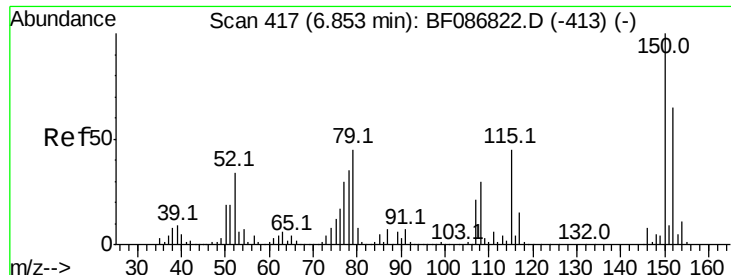
Delta R.T. 0.00 min

Lab File: BF086990.D

Acq: 14 May 2016 00:46

Tgt Ion:	146	Resp:	345570
Ion Ratio	Lower	Upper	
146	100		
148	64.4	51.0	76.6
111	41.6	36.2	54.4





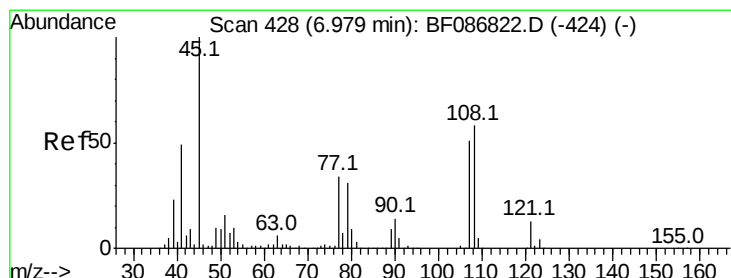
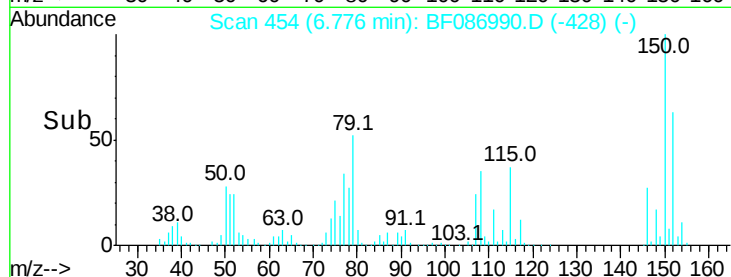
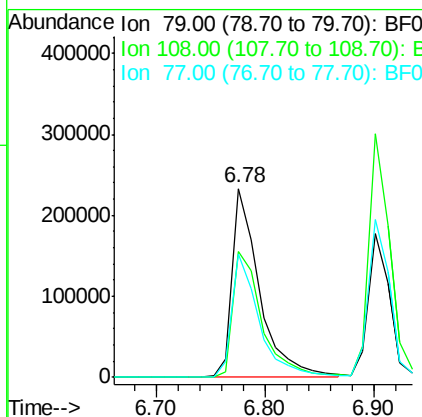
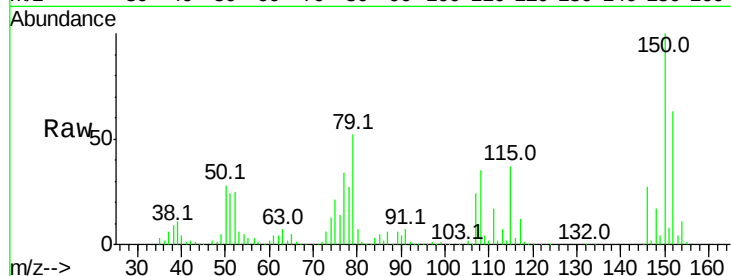
#15
Benzyl Alcohol
Concen: 53.51 ng
RT: 6.78 min Scan# 454
Delta R.T. 0.00 min
Lab File: BF086990.D
Acq: 14 May 2016 00:46

Instrument :
BNA_F
ClientSampleId :
HSR-WC-43-050616MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	66.5	68.4	102.6#
77	65.1	50.6	76.0

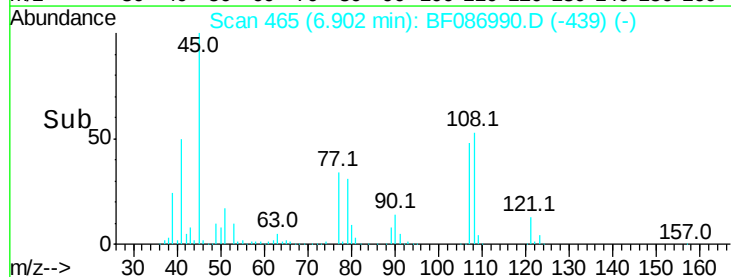
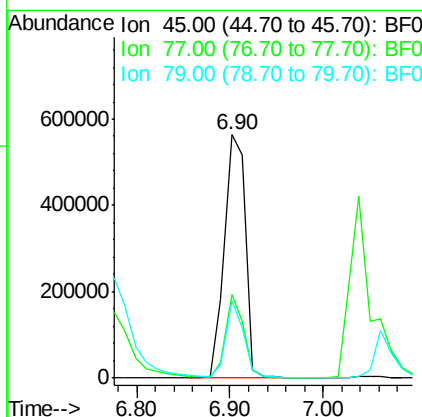
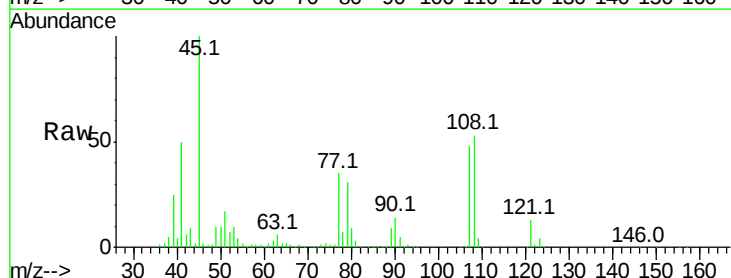
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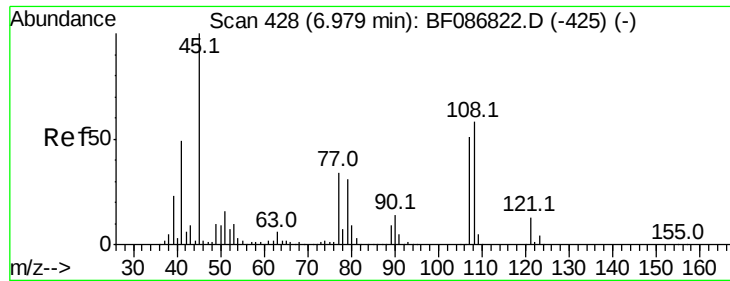
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.75 ng
RT: 6.90 min Scan# 465
Delta R.T. 0.00 min
Lab File: BF086990.D
Acq: 14 May 2016 00:46

Tgt Ion	Ratio	Lower	Upper
45	100		
77	34.5	0.0	36.4
79	31.5	0.0	33.4





#17

2-Methylphenol

Concen: 44.95 ng

RT: 6.90 min Scan# 465

Delta R.T. 0.00 min

Lab File: BF086990.D

Acq: 14 May 2016 00:46

Instrument :

BNA_F

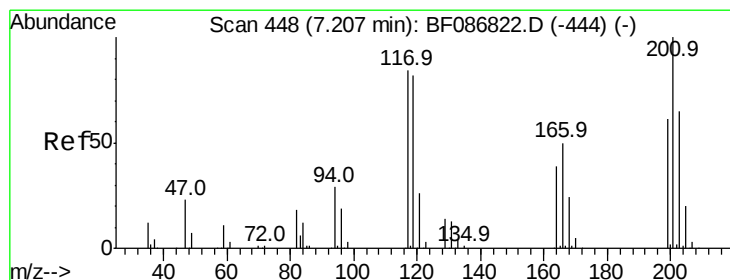
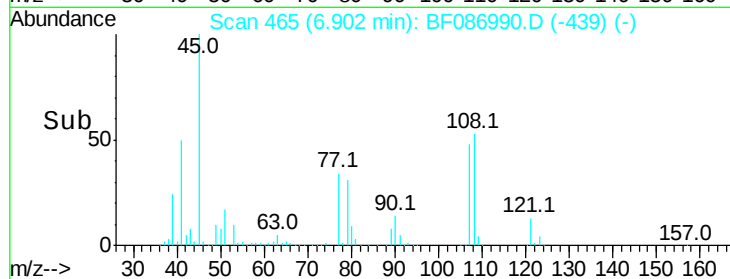
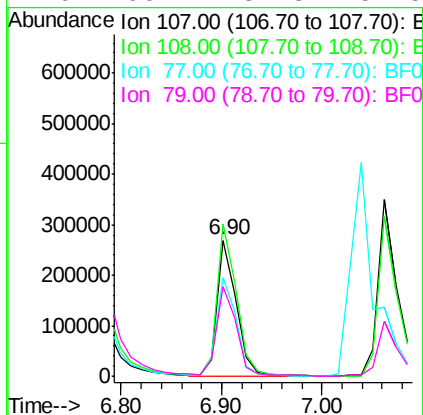
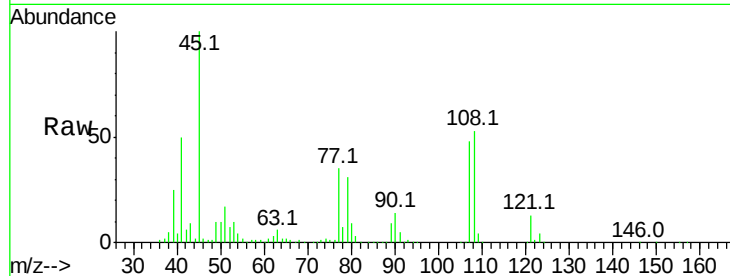
ClientSampleId :

HSR-WC-43-050616MS

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Tot Ion	107	Resp	354558
Ion Ratio	Lower	Upper	
107	100		
108	111.9	93.7	140.5
77	72.5	33.4	50.0#
79	66.1	34.3	51.5#



#18

Hexachloroethane

Concen: 32.62 ng

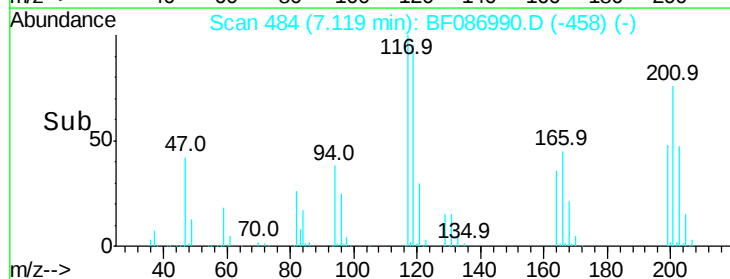
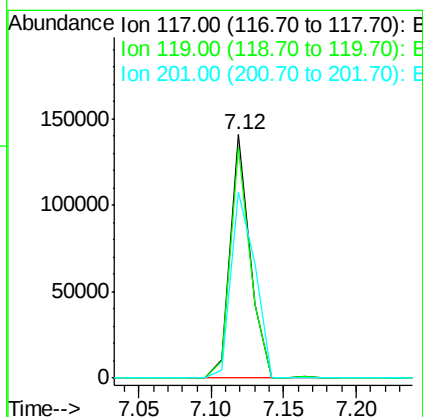
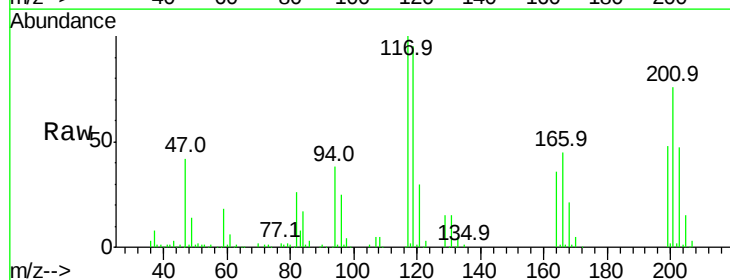
RT: 7.12 min Scan# 484

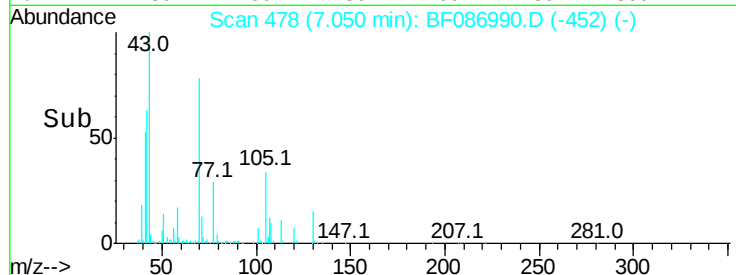
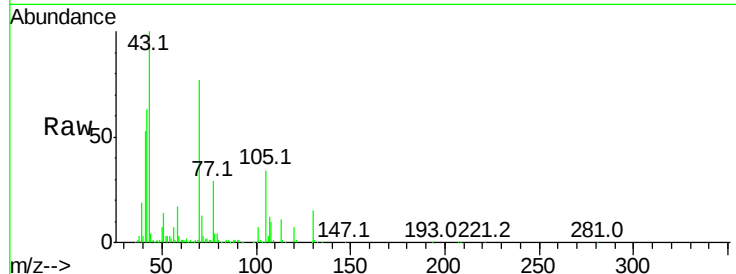
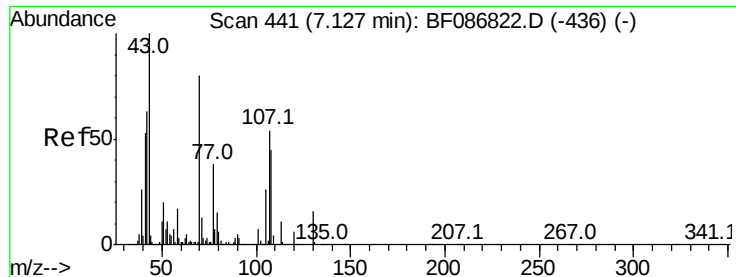
Delta R.T. 0.00 min

Lab File: BF086990.D

Acq: 14 May 2016 00:46

Tgt Ion	117	Resp	134254
Ion Ratio	Lower	Upper	
117	100		
119	94.6	76.5	114.7
201	76.4	63.0	94.6





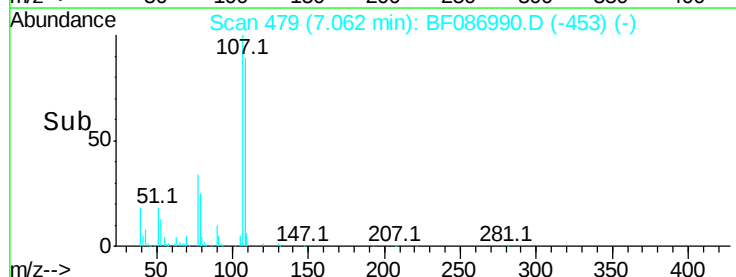
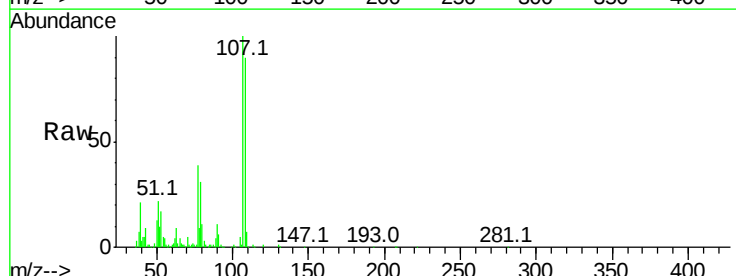
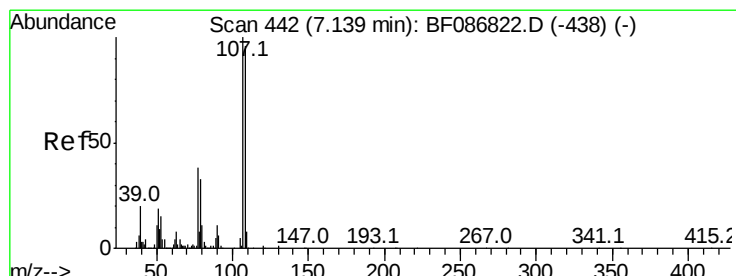
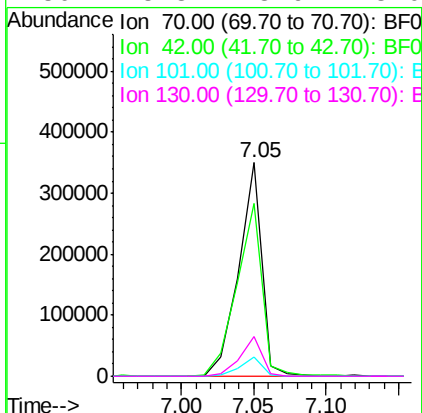
#19
n-Nitroso-di-n-propylamine
Concen: 50.64 ng
RT: 7.05 min Scan# 478
Delta R.T. 0.00 min
Lab File: BF086990.D
Acq: 14 May 2016 00:46

Instrument :
BNA_F
ClientSampleId :
HSR-WC-43-050616MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	81.0	43.1	64.7#
101	9.1	8.1	12.1
130	18.8	18.6	28.0

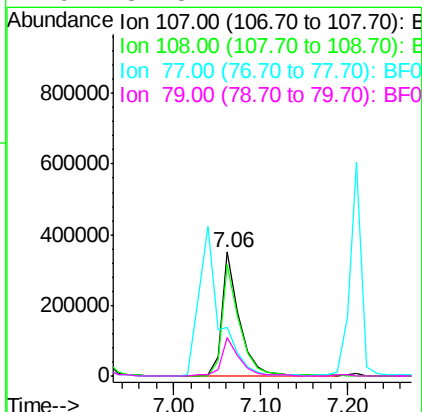
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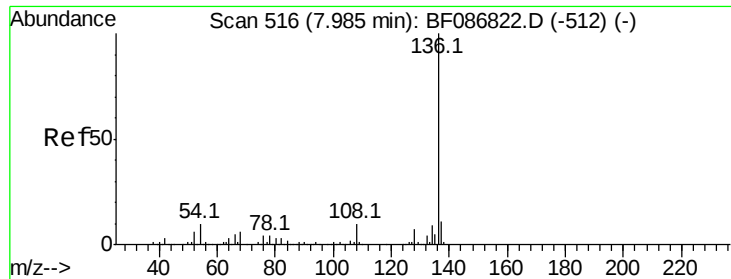
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#20
3+4-Methylphenols
Concen: 47.08 ng
RT: 7.06 min Scan# 479
Delta R.T. 0.00 min
Lab File: BF086990.D
Acq: 14 May 2016 00:46

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.3	68.5	108.5
77	39.3	101.6	141.6#
79	31.3	7.4	47.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.90 min Scan# 552

Delta R.T. -0.01 min

Lab File: BF086990.D

Acq: 14 May 2016 00:46

Instrument :

BNA_F

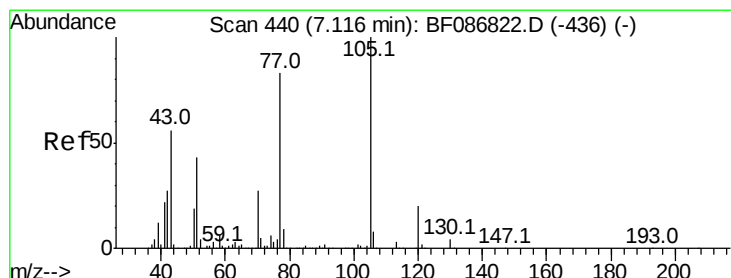
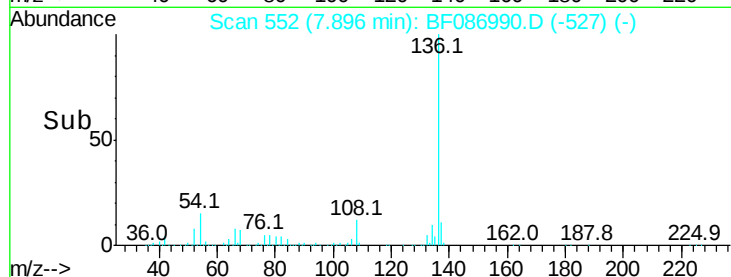
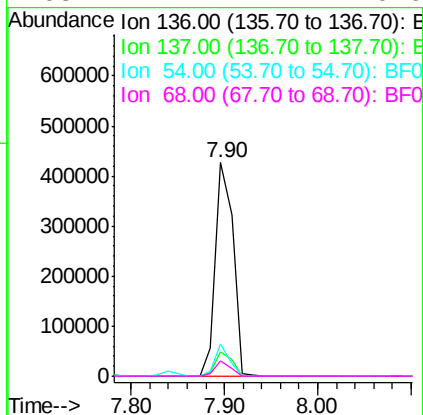
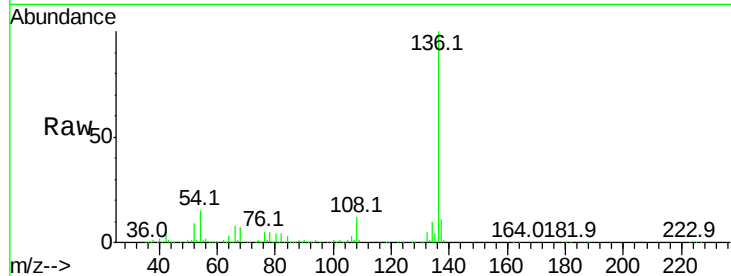
ClientSampleId :

HSR-WC-43-050616MS

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Tot Ion	Ratio	Resp	Lower	Upper
136	100	559478		
137	11.3	8.8	13.2	
54	14.9	5.0	7.4#	
68	7.4	4.4	6.6#	



#22

Acetophenone

Concen: 48.64 ng

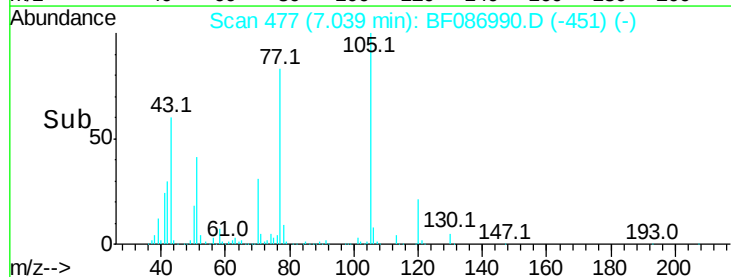
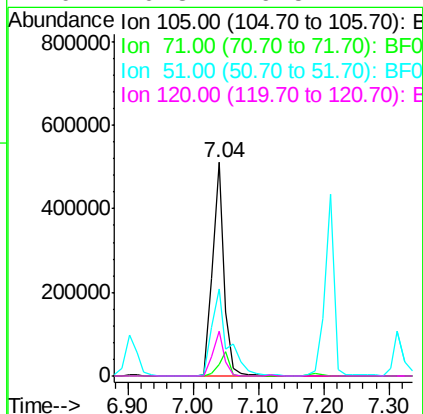
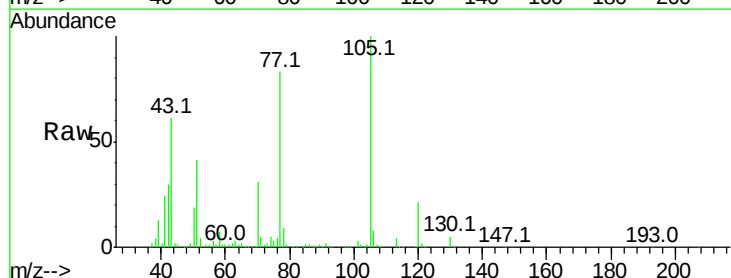
RT: 7.04 min Scan# 477

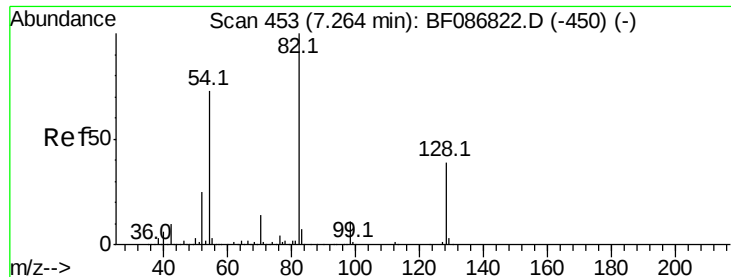
Delta R.T. 0.00 min

Lab File: BF086990.D

Acq: 14 May 2016 00:46

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	642797		
71	5.3	4.8	7.2	
51	41.0	32.6	49.0	
120	20.8	16.5	24.7	





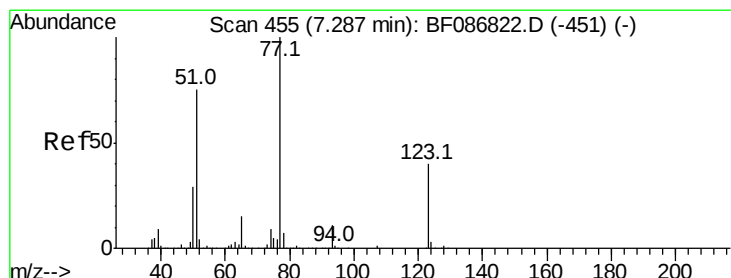
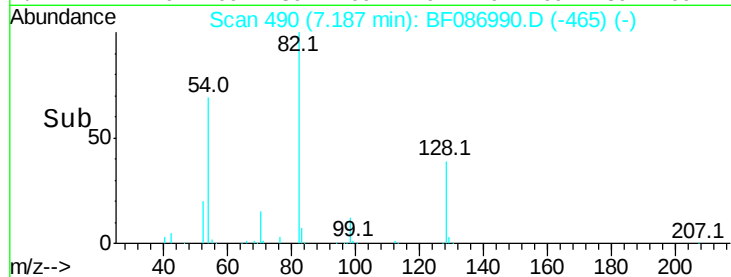
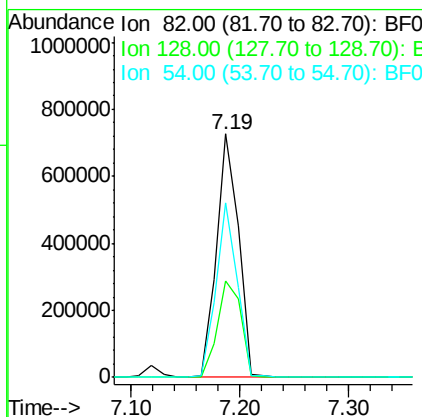
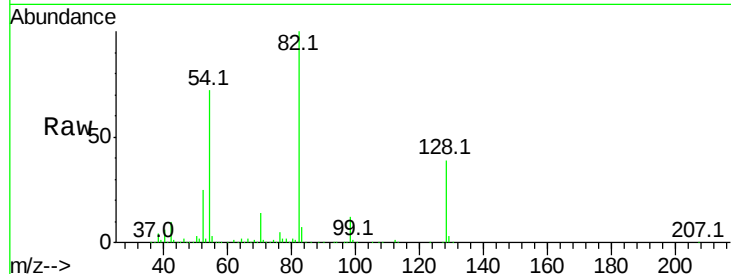
#23
 Nitrobenzene-d5
 Concen: 92.69 ng
 RT: 7.19 min Scan# 490
 Delta R.T. -0.01 min
 Lab File: BF086990.D
 Acq: 14 May 2016 00:46

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-43-050616MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	39.4	40.6	61.0#
54	71.7	38.1	57.1#

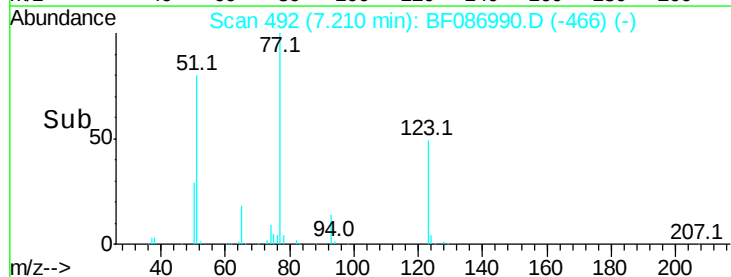
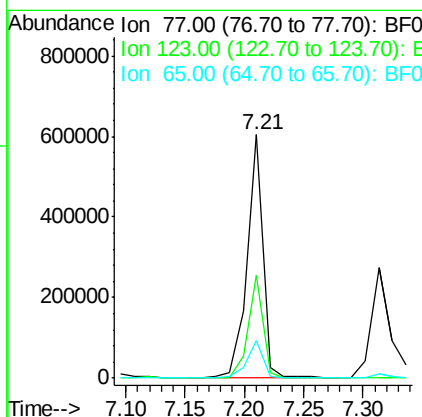
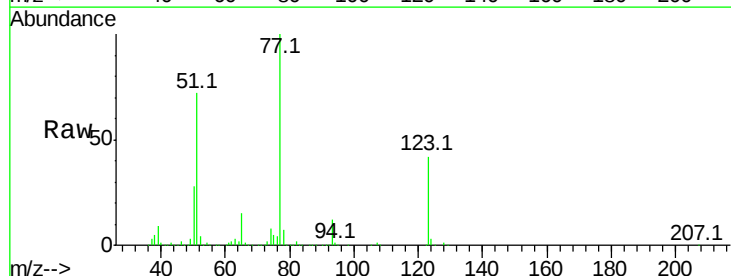
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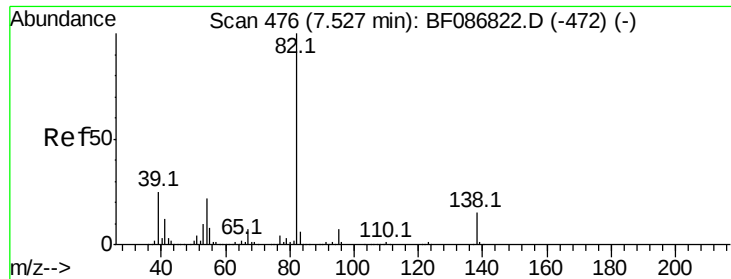
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#24
 Nitrobenzene
 Concen: 48.69 ng
 RT: 7.21 min Scan# 492
 Delta R.T. 0.00 min
 Lab File: BF086990.D
 Acq: 14 May 2016 00:46

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.4	33.0	49.4
65	15.3	10.8	16.2





#25

Isophorone

Concen: 45.31 ng

RT: 7.45 min Scan# 513

Delta R.T. -0.01 min

Lab File: BF086990.D

Acq: 14 May 2016 00:46

Instrument :

BNA_F

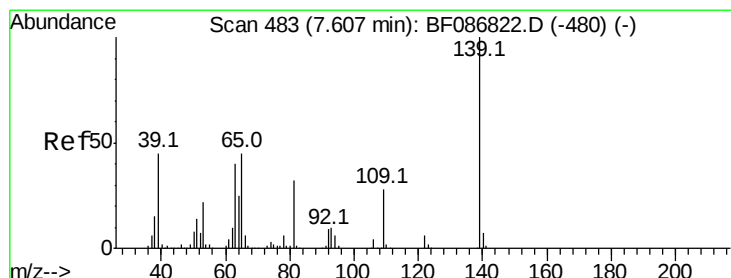
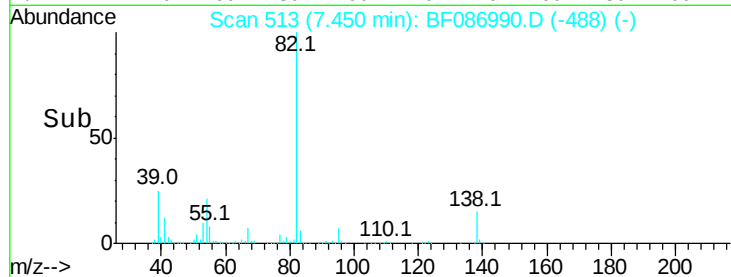
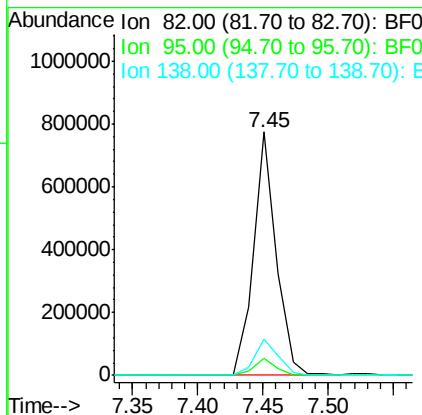
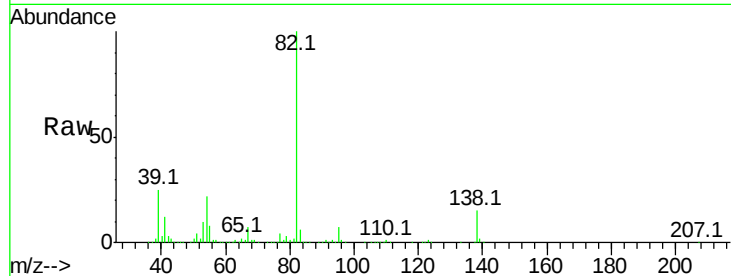
ClientSampleId :

HSR-WC-43-050616MS

Tot Ion:	82	Resp:	936681
Ion Ratio	Lower	Upper	
82	100		
95	7.2	5.1	7.7
138	14.9	12.4	18.6

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#26

2-Nitrophenol

Concen: 47.83 ng

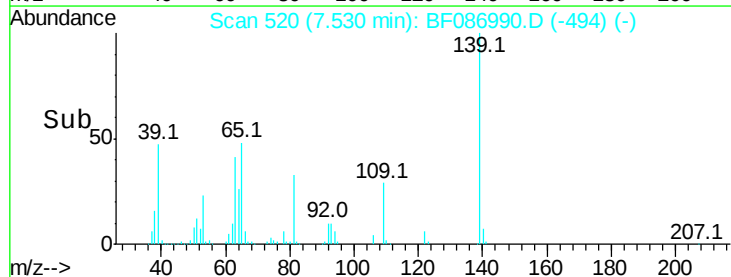
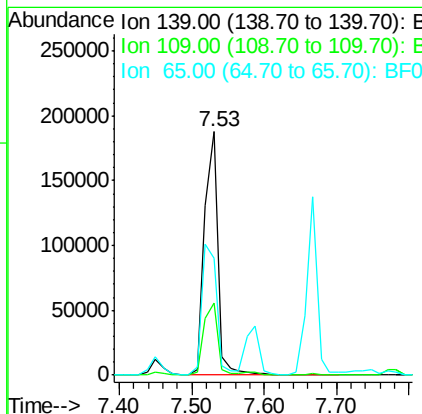
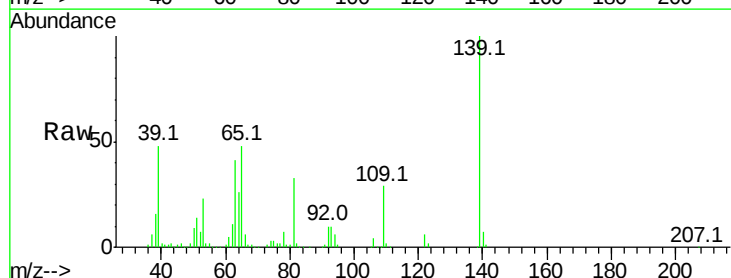
RT: 7.53 min Scan# 520

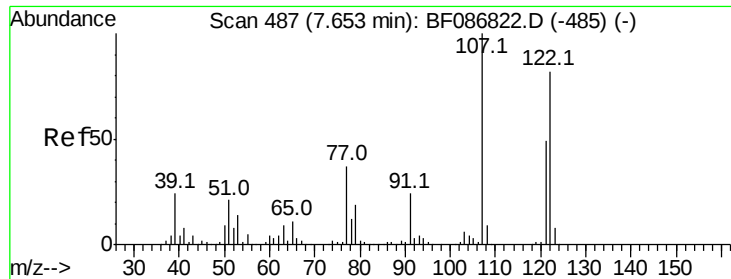
Delta R.T. 0.00 min

Lab File: BF086990.D

Acq: 14 May 2016 00:46

Tgt Ion:	139	Resp:	240990
Ion Ratio	Lower	Upper	
139	100		
109	29.4	19.5	29.3#
65	48.1	37.5	56.3





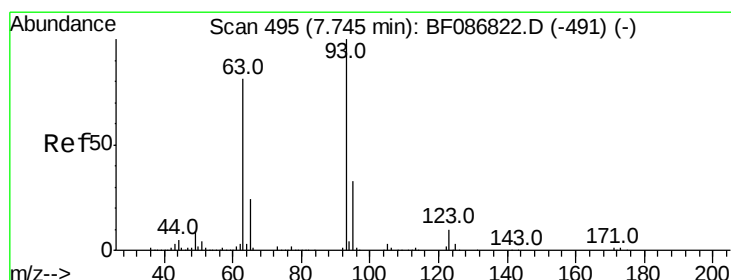
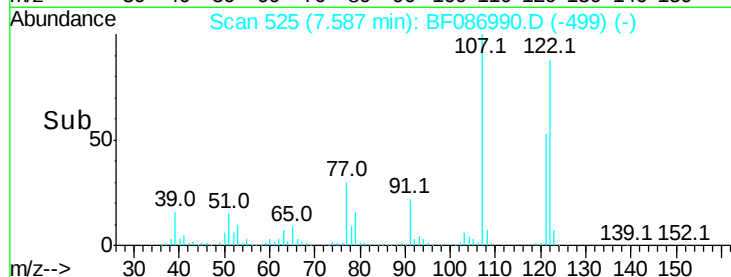
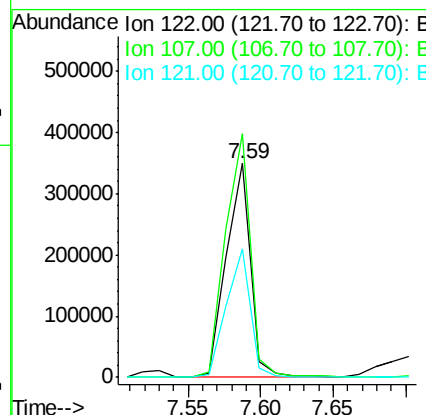
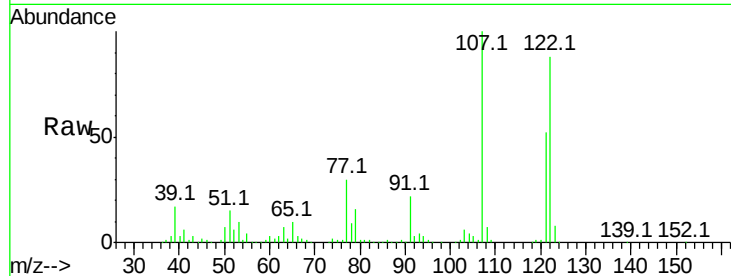
#27
 2,4-Dimethylphenol
 Concen: 46.94 ng
 RT: 7.59 min Scan# 525
 Delta R.T. 0.00 min
 Lab File: BF086990.D
 Acq: 14 May 2016 00:46

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-43-050616MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	402894		
107	114.0	82.0	123.0	
121	59.8	46.1	69.1	

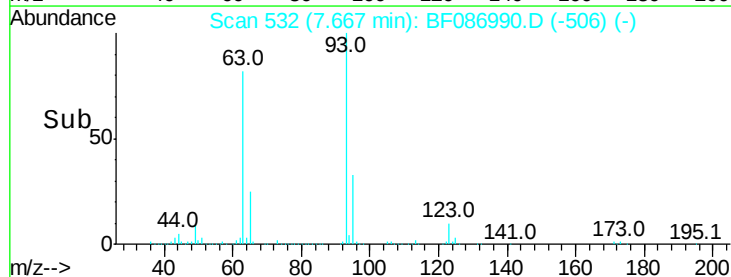
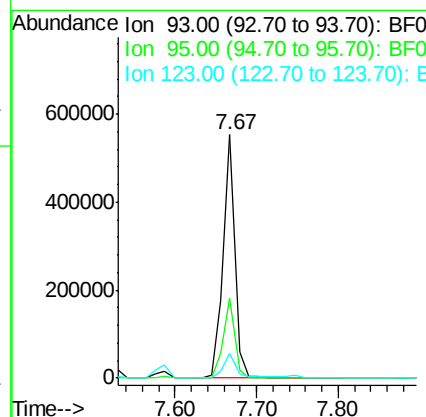
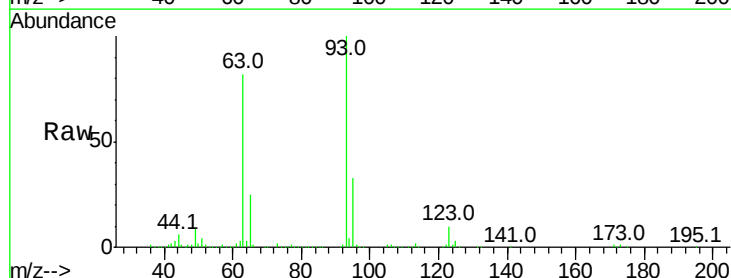
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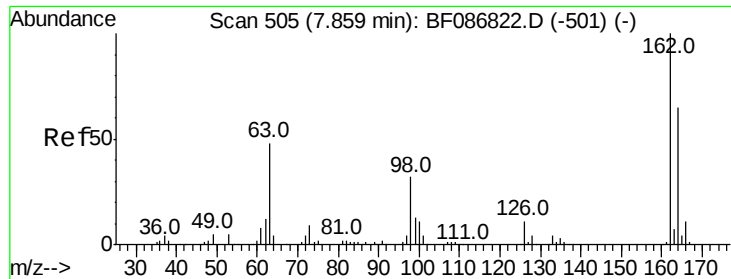
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#28
 bis(2-Chloroethoxy)methane
 Concen: 49.41 ng
 RT: 7.67 min Scan# 532
 Delta R.T. 0.00 min
 Lab File: BF086990.D
 Acq: 14 May 2016 00:46

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	551008		
95	32.7	26.0	39.0	
123	10.0	9.5	14.3	





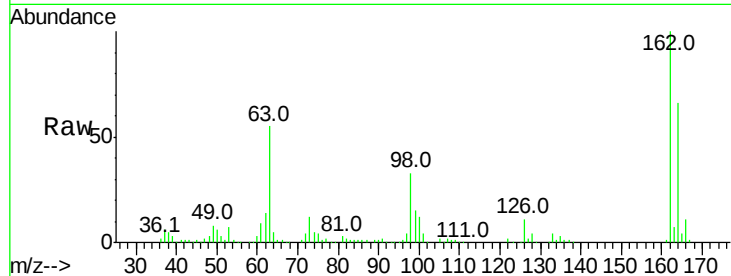
#29
 2,4-Dichlorophenol
 Concen: 48.23 ng
 RT: 7.78 min Scan# 542
 Delta R.T. 0.00 min
 Lab File: BF086990.D
 Acq: 14 May 2016 00:46

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-43-050616MS

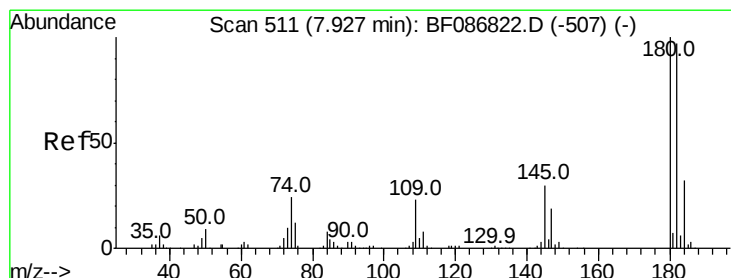
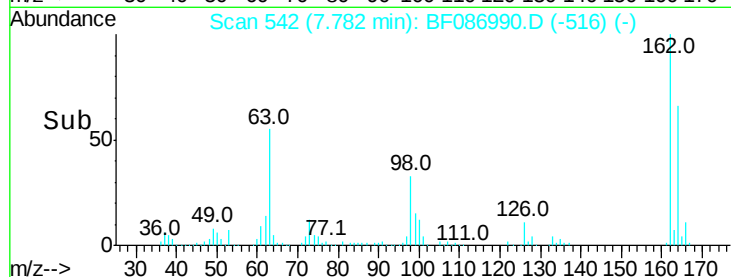
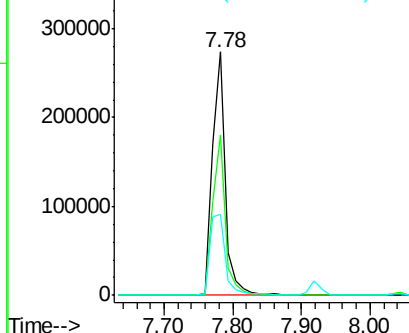
Tot Ion	Ratio	Resp	Lower	Upper
162	100	364296		
164	65.8	42.2	82.2	
98	33.5	19.0	59.0	

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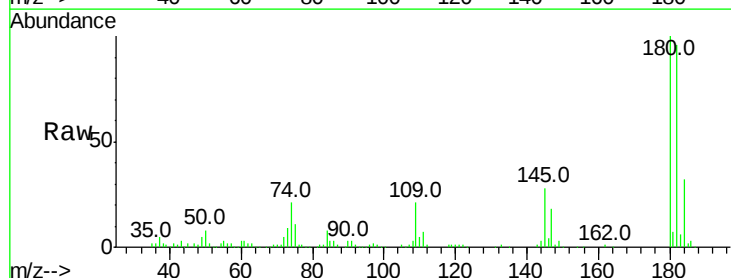


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

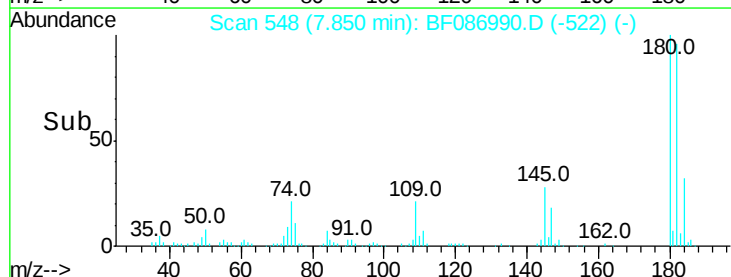
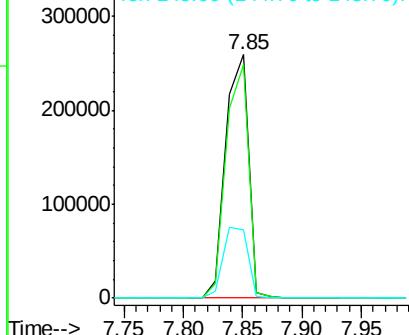


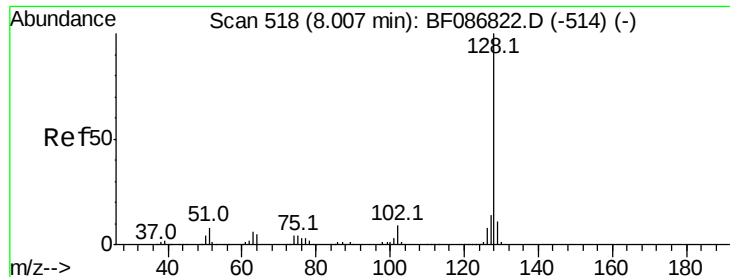
#30
 1,2,4-Trichlorobenzene
 Concen: 40.92 ng
 RT: 7.85 min Scan# 548
 Delta R.T. 0.00 min
 Lab File: BF086990.D
 Acq: 14 May 2016 00:46

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	345604		
182	95.7	78.0	117.0	
145	28.1	24.2	36.2	



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: 40.35 ng

RT: 7.92 min Scan# 554

Delta R.T. -0.01 min

Lab File: BF086990.D

Acq: 14 May 2016 00:46

Instrument :

BNA_F

ClientSampleId :

HSR-WC-43-050616MS

Tot Ion:128 Resp: 1130603

Ion Ratio Lower Upper

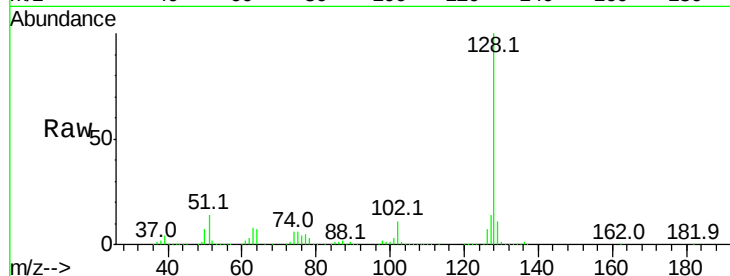
128 100

129 11.4 8.6 13.0

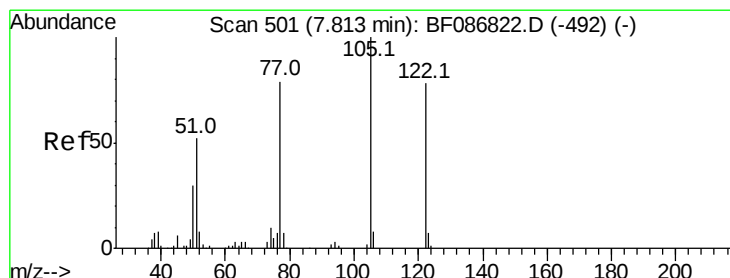
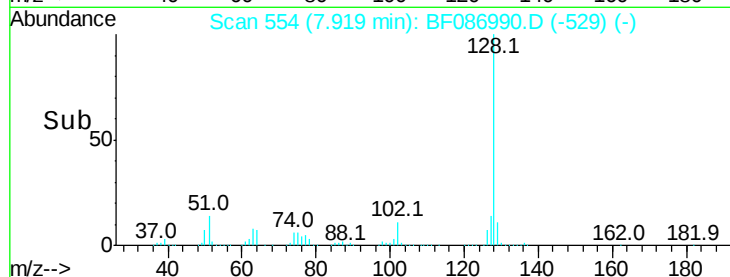
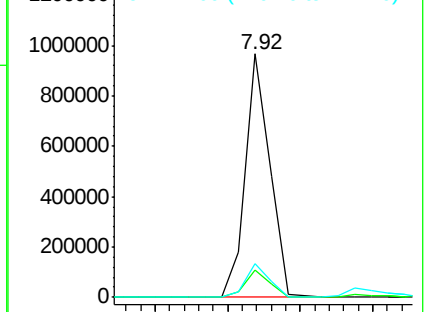
127 13.7 10.8 16.2

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



#32

Benzoic acid

Concen: 49.01 ng

RT: 7.75 min Scan# 539

Delta R.T. 0.00 min

Lab File: BF086990.D

Acq: 14 May 2016 00:46

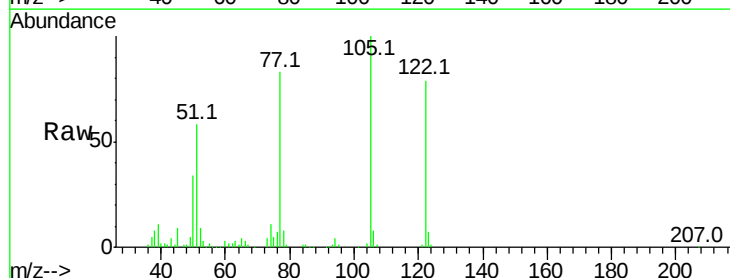
Tgt Ion:122 Resp: 247035

Ion Ratio Lower Upper

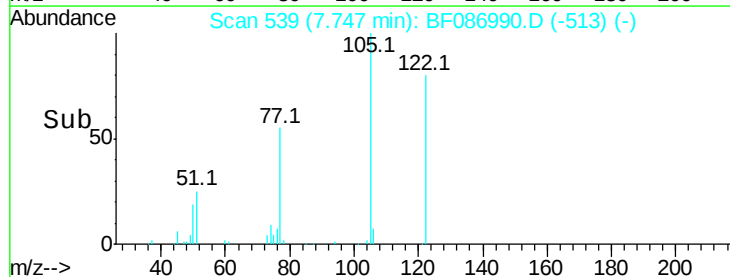
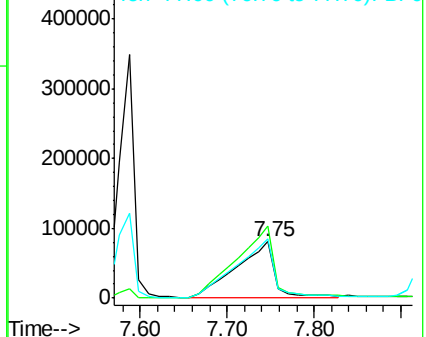
122 100

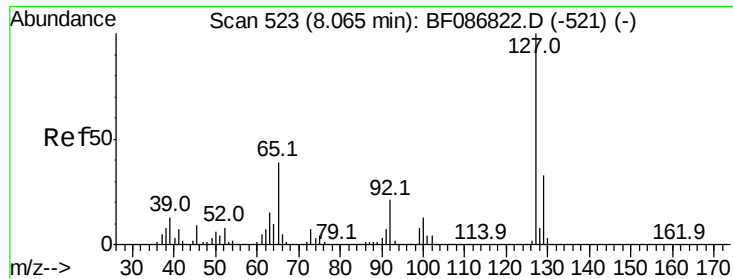
105 126.4 92.6 132.6

77 104.9 60.0 100.0#



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





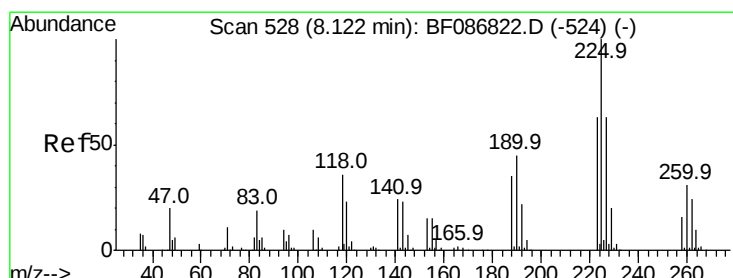
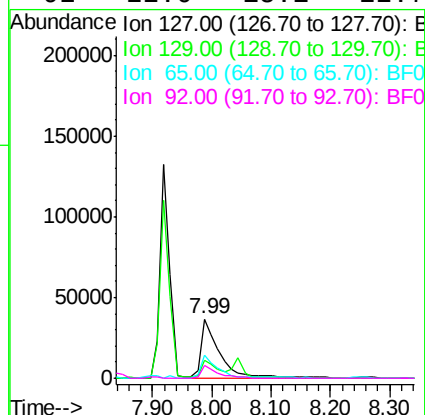
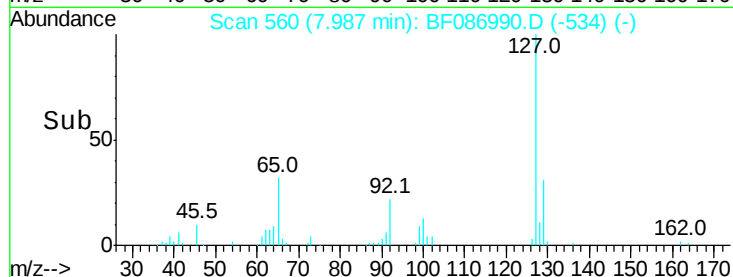
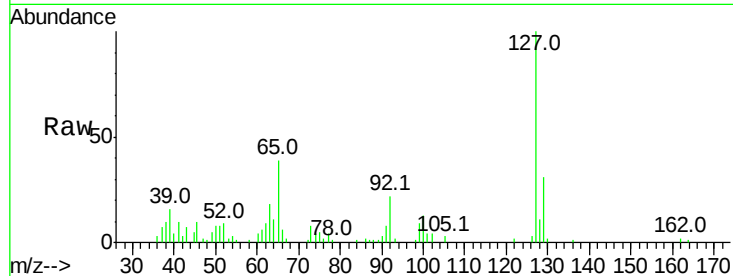
#33
4-Chloroaniline
Concen: 7.16 ng
RT: 7.99 min Scan# 560
Delta R.T. 0.00 min
Lab File: BF086990.D
Acq: 14 May 2016 00:46

Instrument :
BNA_F
ClientSampleId :
HSR-WC-43-050616MS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	30.7	26.2	39.4	
65	39.5	23.0	34.4	
92	22.0	15.1	22.7	

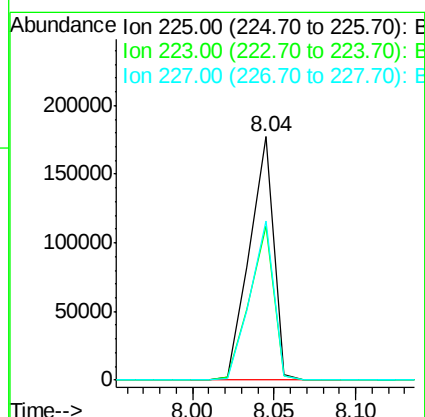
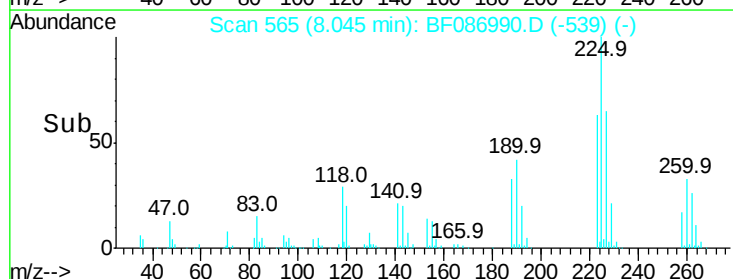
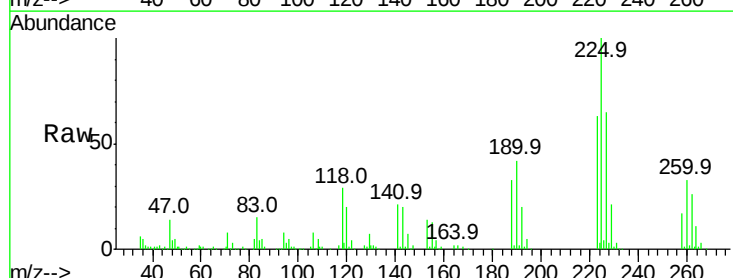
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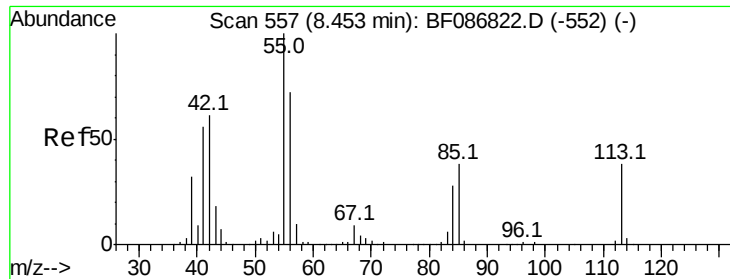
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#34
Hexachlorobutadiene
Concen: 37.39 ng
RT: 8.04 min Scan# 565
Delta R.T. 0.00 min
Lab File: BF086990.D
Acq: 14 May 2016 00:46

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.4	51.5	77.3	
227	65.2	52.2	78.2	





#35

Caprolactam

Concen: 39.53 ng/ml

RT: 8.38 min Scan# 594

Delta R.T. -0.01 min

Lab File: BF086990.D

Acq: 14 May 2016 00:46

Instrument :

BNA_F

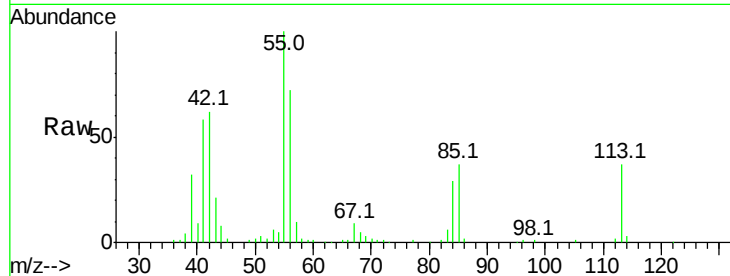
ClientSampleId :

HSR-WC-43-050616MS

Tot Ion:	113	Resp:	101594
Ion Ratio	Lower	Upper	
113	100		
55	270.6	162.0	202.0#
56	196.1	115.3	155.3#

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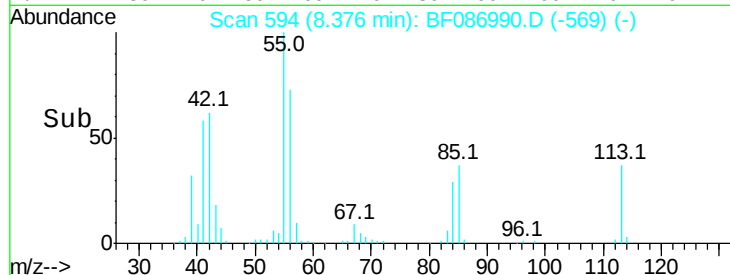


Abundance Ion 113.00 (112.70 to 113.70): E

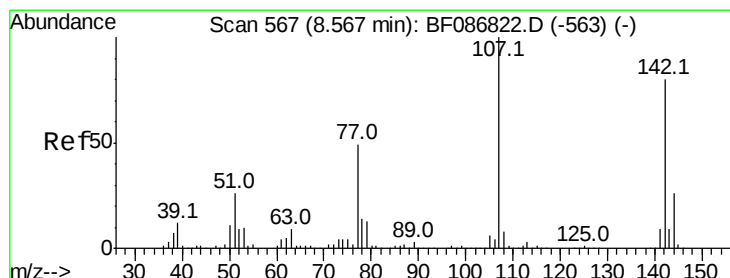
Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0

Time-->



Time-->



#36

4-Chloro-3-methylphenol

Concen: 44.59 ng/ml

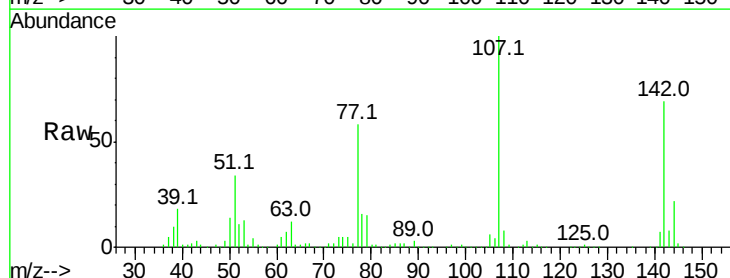
RT: 8.49 min Scan# 604

Delta R.T. 0.00 min

Lab File: BF086990.D

Acq: 14 May 2016 00:46

Tgt Ion:	107	Resp:	408462
Ion Ratio	Lower	Upper	
107	100		
144	22.3	20.7	31.1
142	68.9	63.2	94.8

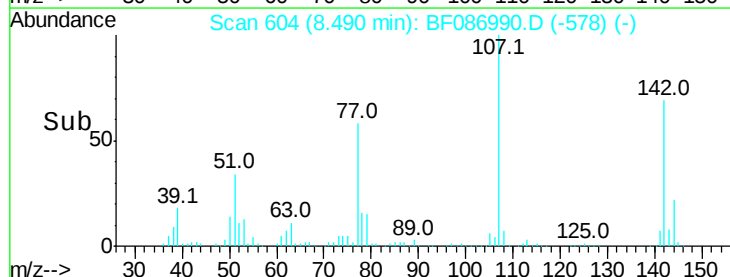


Abundance Ion 107.00 (106.70 to 107.70): E

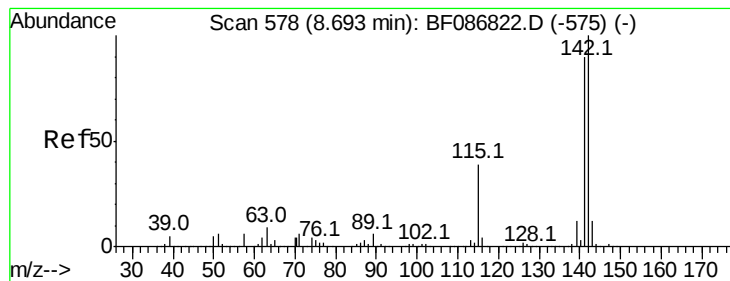
Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

Time-->



Time-->



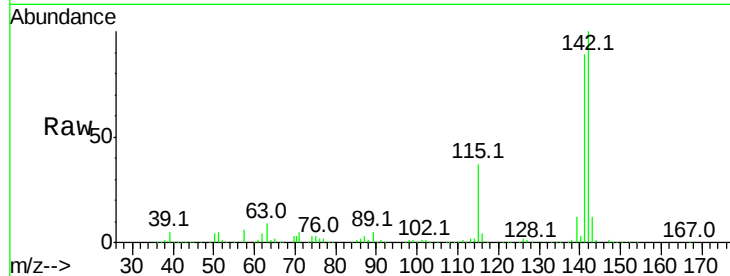
#37
2-Methylnaphthalene
Concen: 49.58 ng
RT: 8.62 min Scan# 615
Delta R.T. 0.00 min
Lab File: BF086990.D
Acq: 14 May 2016 00:46

Instrument :
BNA_F
ClientSampleId :
HSR-WC-43-050616MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.0	106.6
115	37.5	26.6	39.8

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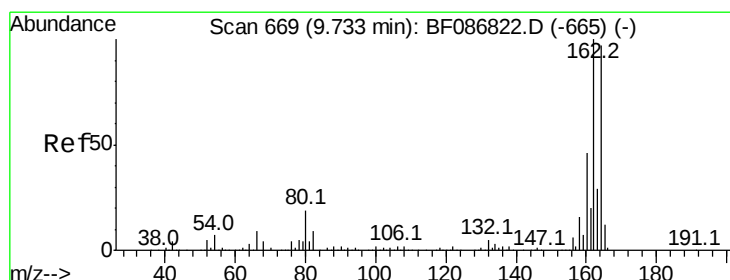
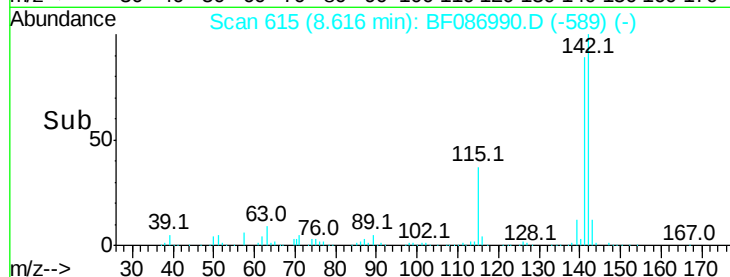
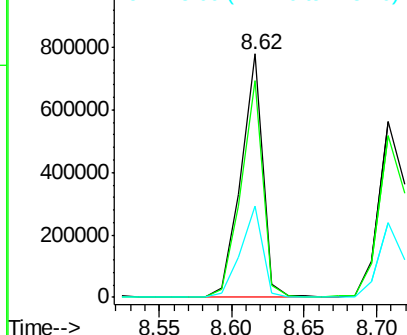


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.64 min Scan# 705
Delta R.T. -0.01 min
Lab File: BF086990.D
Acq: 14 May 2016 00:46

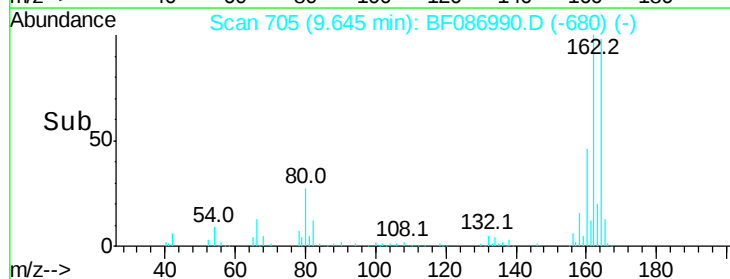
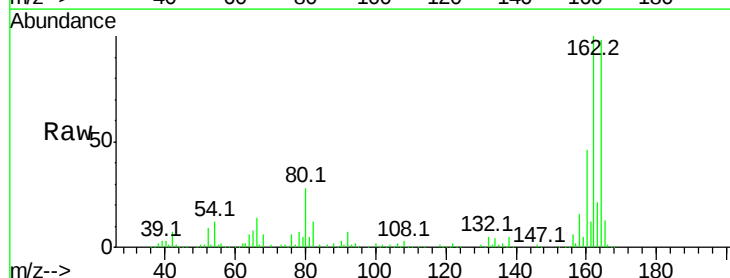
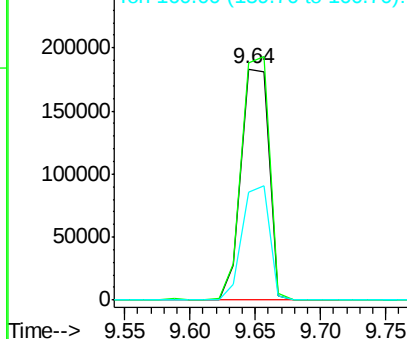
Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.5	82.8	124.2
160	46.9	36.9	55.3

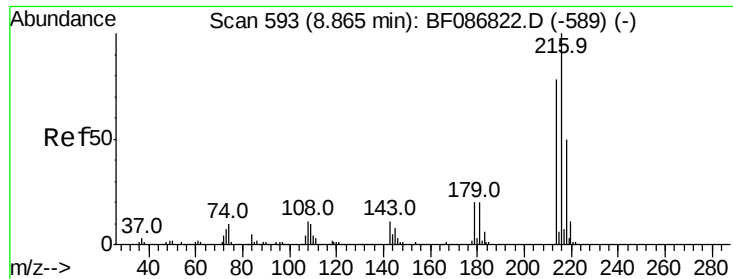
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.21 ng

RT: 8.78 min Scan# 629

Delta R.T. -0.01 min

Lab File: BF086990.D

Acq: 14 May 2016 00:46

Instrument :

BNA_F

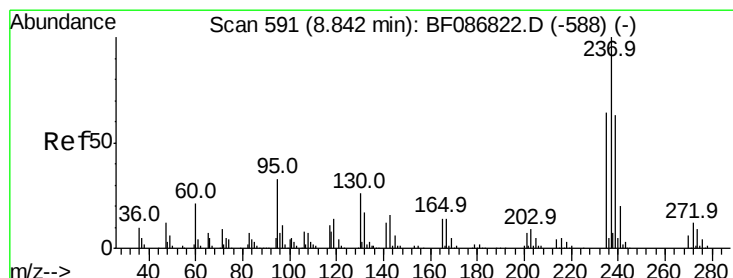
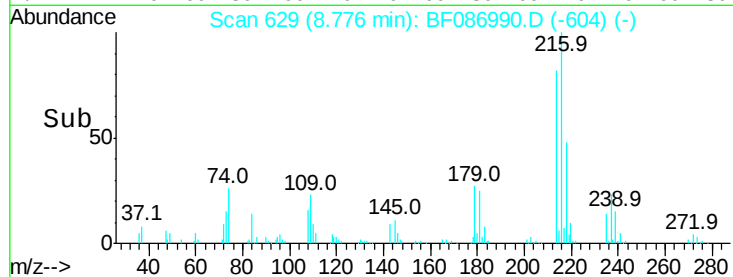
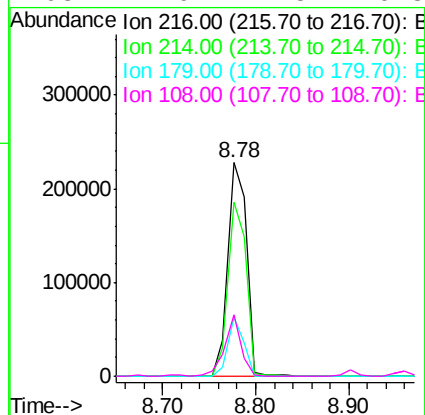
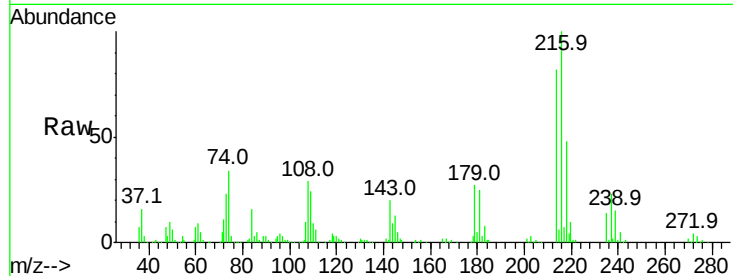
ClientSampleId :

HSR-WC-43-050616MS

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Tot Ion	Ratio	Resp	Lower	Upper
216	100	319321		
214	80.0	62.6	93.8	
179	23.4	18.2	27.4	
108	24.9	17.5	26.3	



#40

Hexachlorocyclopentadiene

Concen: 66.08 ng

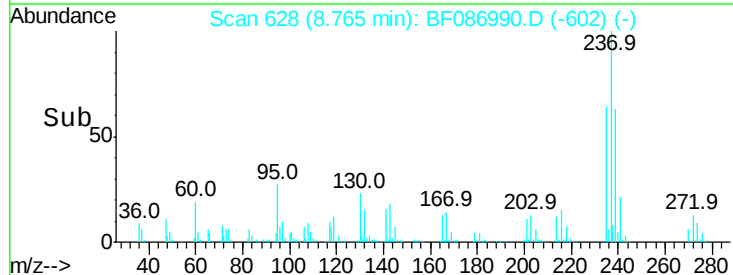
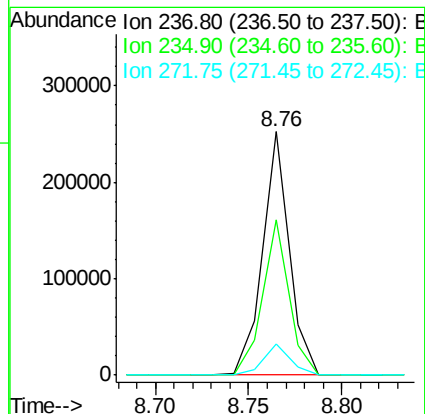
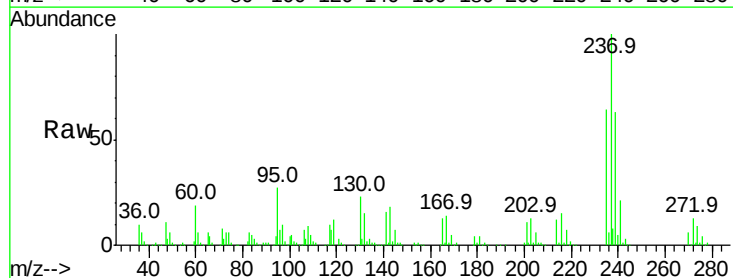
RT: 8.76 min Scan# 628

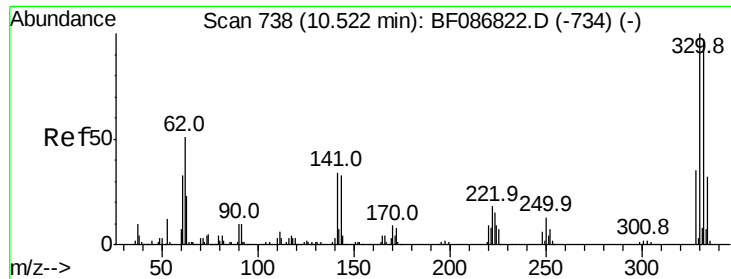
Delta R.T. 0.00 min

Lab File: BF086990.D

Acq: 14 May 2016 00:46

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	249058		
235	63.8	47.2	87.2	
272	12.6	0.0	31.1	





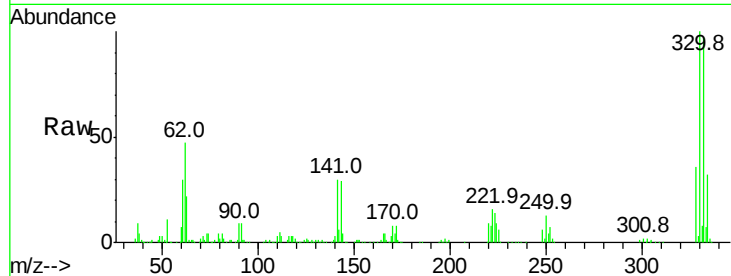
#41
 2,4,6-Tribromophenol
 Concen: 151.04 ng
 RT: 10.44 min Scan# 775
 Delta R.T. 0.00 min
 Lab File: BF086990.D
 Acq: 14 May 2016 00:46

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-43-050616MS

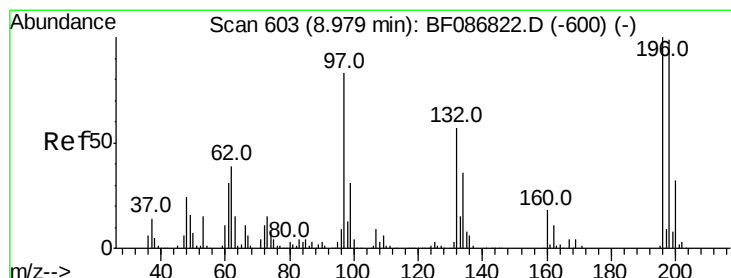
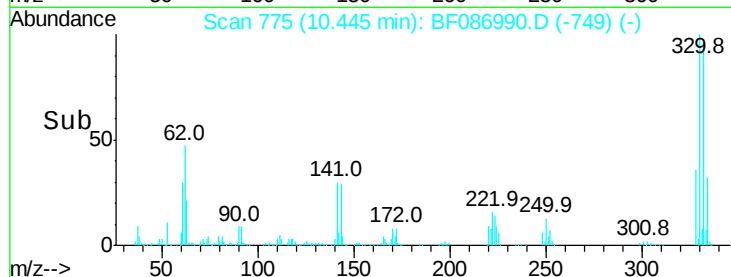
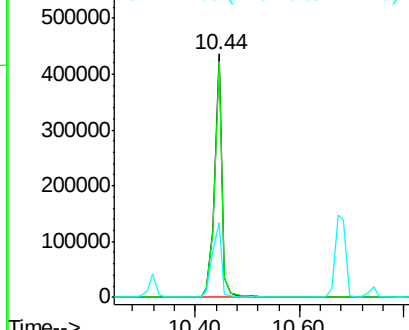
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.0	79.0	118.4	
141	37.9	31.2	46.8	

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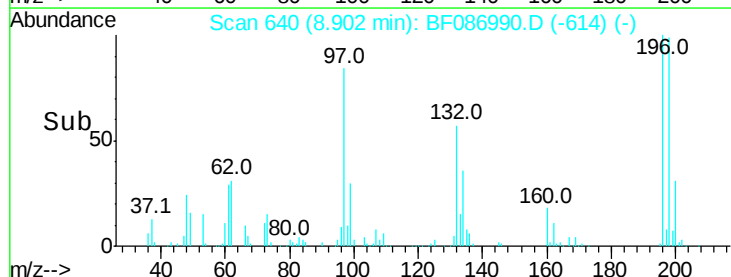
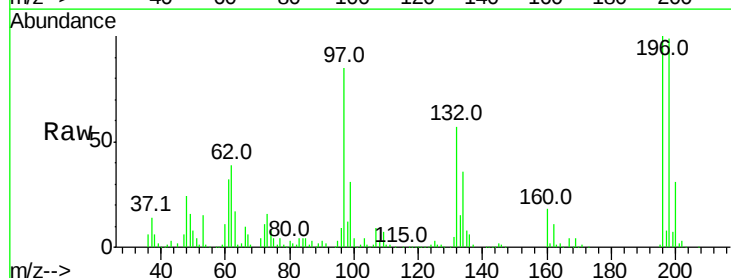
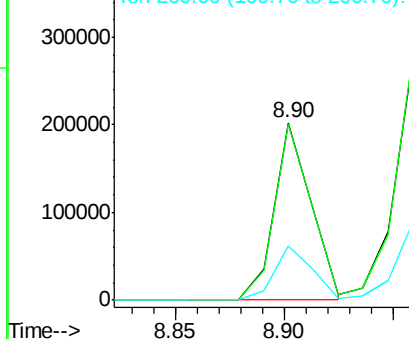
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

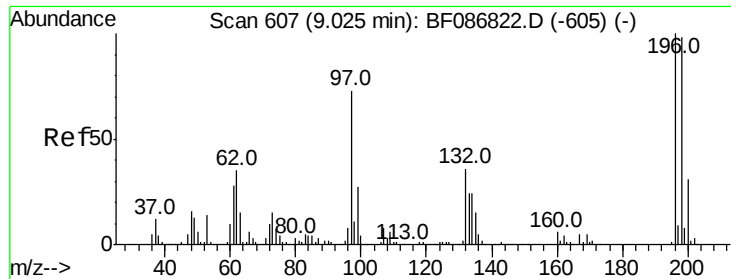


#42
 2,4,6-Trichlorophenol
 Concen: 45.18 ng
 RT: 8.90 min Scan# 640
 Delta R.T. 0.00 min
 Lab File: BF086990.D
 Acq: 14 May 2016 00:46

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	98.7	74.7	112.1	
200	30.8	23.8	35.6	

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





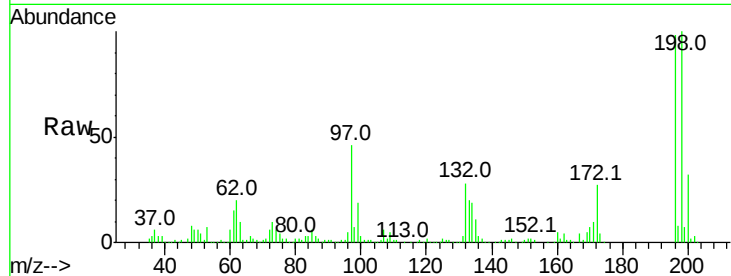
#43
 2,4,5-Trichlorophenol
 Concen: 48.82 ng
 RT: 8.96 min Scan# 645
 Delta R.T. 0.00 min
 Lab File: BF086990.D
 Acq: 14 May 2016 00:46

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-43-050616MS

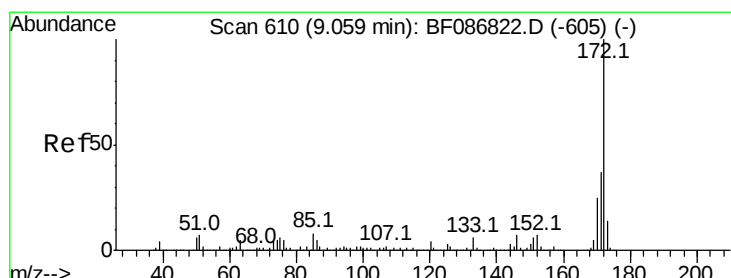
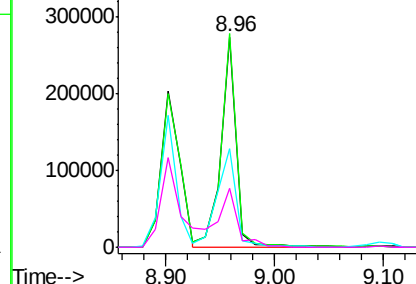
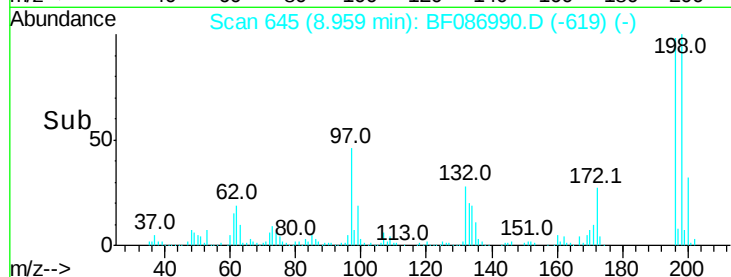
Tot Ion	Ion	Resp	Lower	Upper
196	100			
198	101.7	77.5	116.3	
97	46.9	34.8	52.2	
132	28.0	23.0	34.4	

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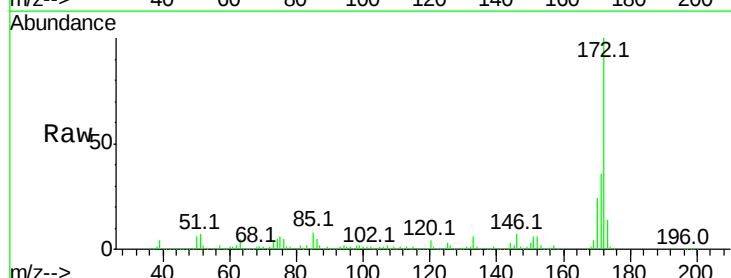


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

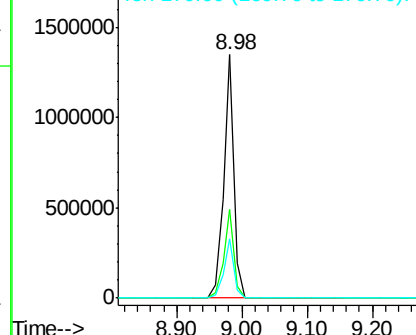
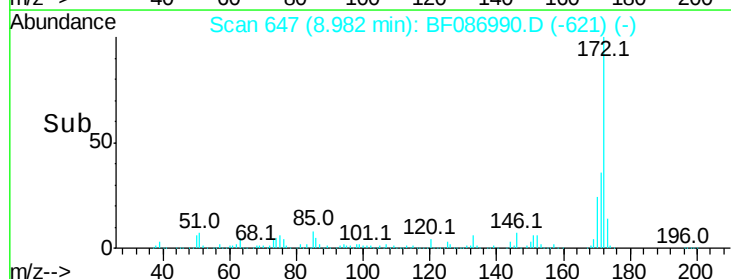


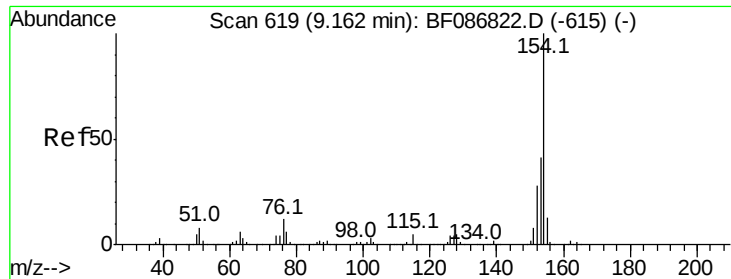
#44
 2-Fluorobiphenyl
 Concen: 92.26 ng
 RT: 8.98 min Scan# 647
 Delta R.T. 0.00 min
 Lab File: BF086990.D
 Acq: 14 May 2016 00:46

Tgt Ion	Ion	Resp	Lower	Upper
172	100			
171	36.2	29.0	43.6	
170	24.5	19.8	29.8	



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: 47.45 ng

RT: 9.08 min Scan# 656

Delta R.T. 0.00 min

Lab File: BF086990.D

Acq: 14 May 2016 00:46

Instrument :

BNA_F

ClientSampleId :

HSR-WC-43-050616MS

Tot Ion:154 Resp: 1030871

Ion Ratio Lower Upper

154 100

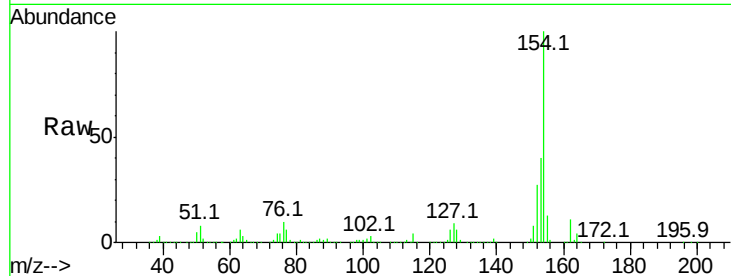
153 40.4 20.3 60.3

76 10.2 0.0 30.2

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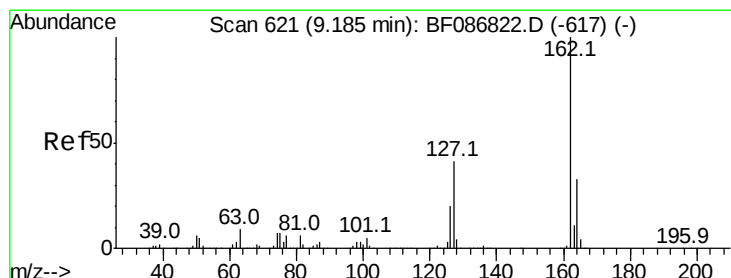
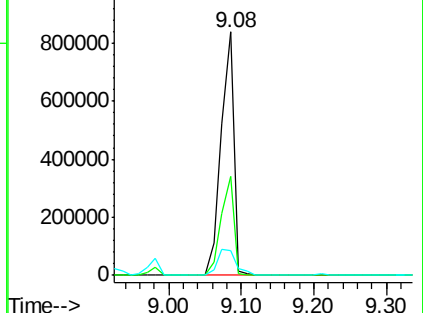
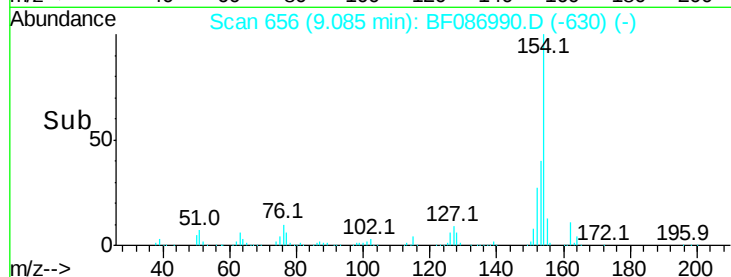
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 44.52 ng

RT: 9.10 min Scan# 657

Delta R.T. -0.01 min

Lab File: BF086990.D

Acq: 14 May 2016 00:46

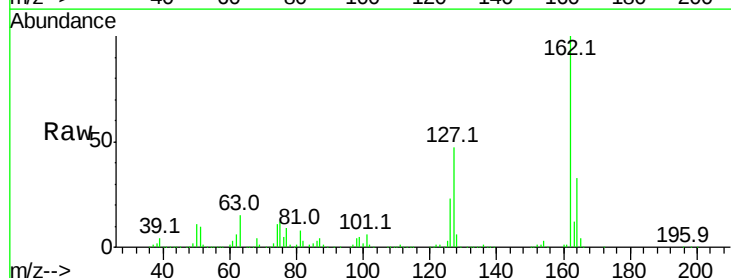
Tgt Ion:162 Resp: 757706

Ion Ratio Lower Upper

162 100

127 47.5 31.8 47.6

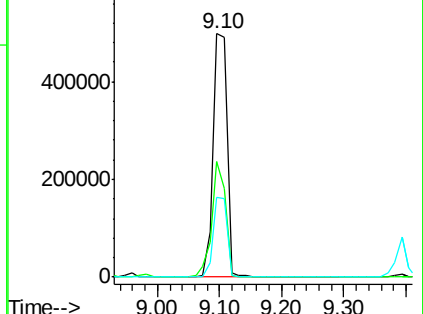
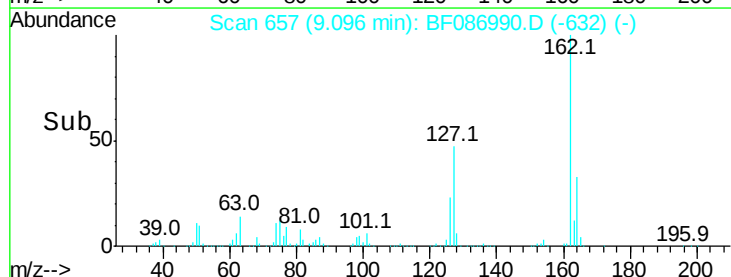
164 33.0 27.0 40.6

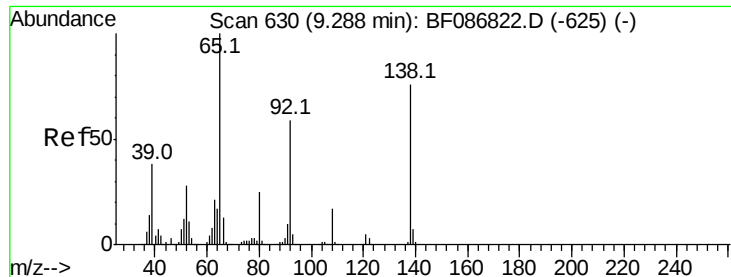


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





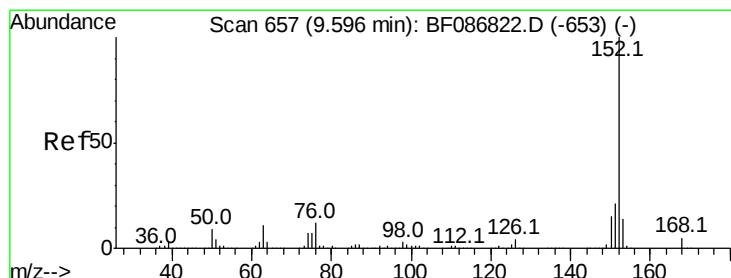
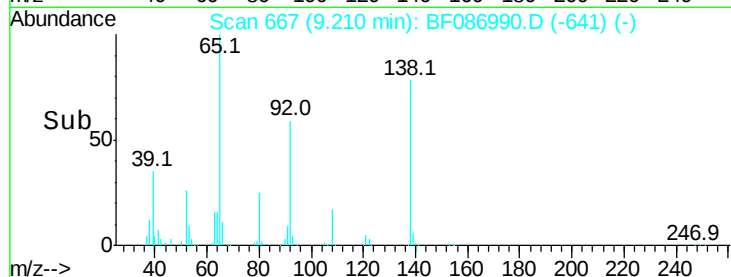
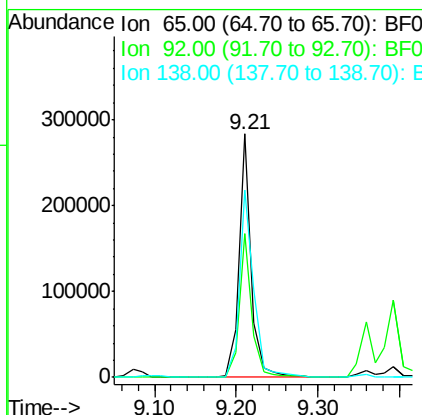
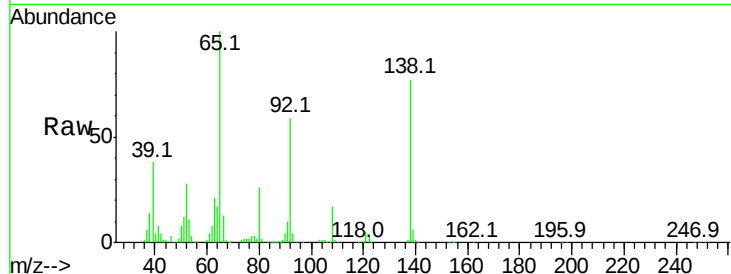
#47
2-Nitroaniline
Concen: 47.88 ng
RT: 9.21 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF086990.D
Acq: 14 May 2016 00:46

Instrument :
BNA_F
ClientSampleId :
HSR-WC-43-050616MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	58.9	57.4	86.2
138	77.1	90.1	135.1#

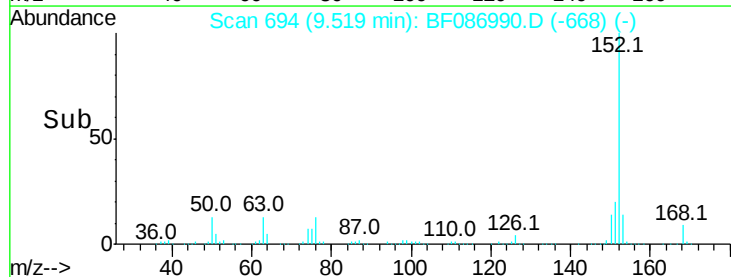
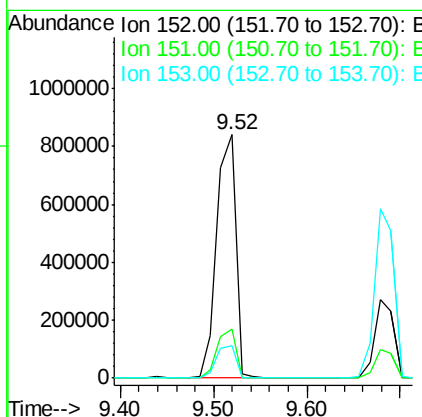
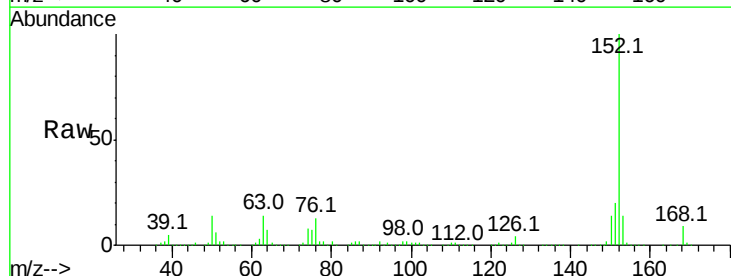
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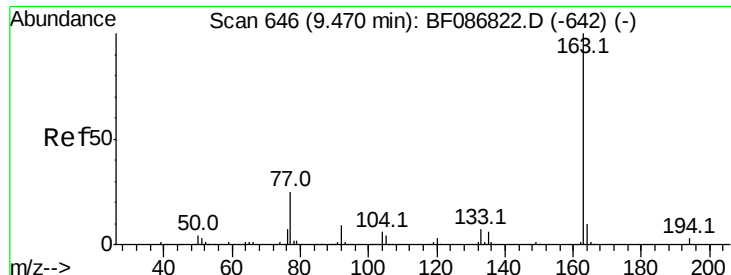
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#48
Acenaphthylene
Concen: 47.87 ng
RT: 9.52 min Scan# 694
Delta R.T. 0.00 min
Lab File: BF086990.D
Acq: 14 May 2016 00:46

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.8	25.2
153	13.6	10.9	16.3





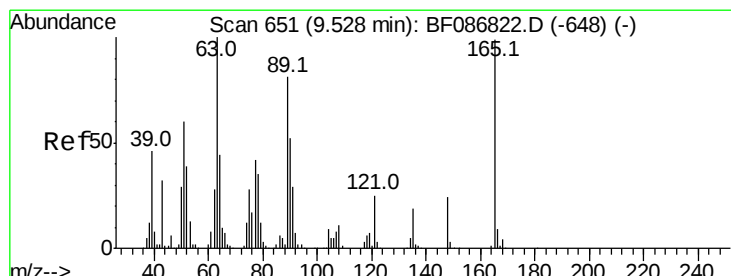
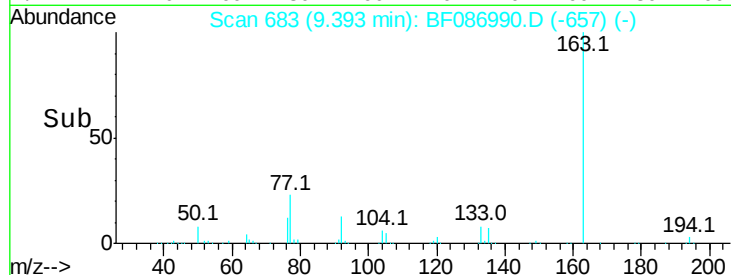
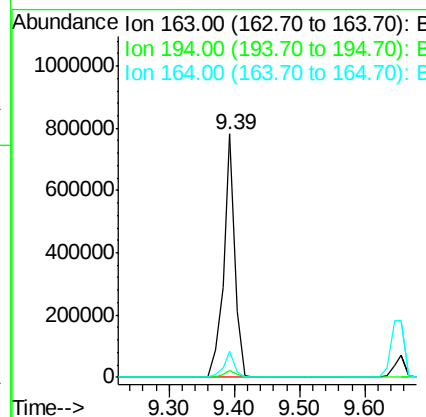
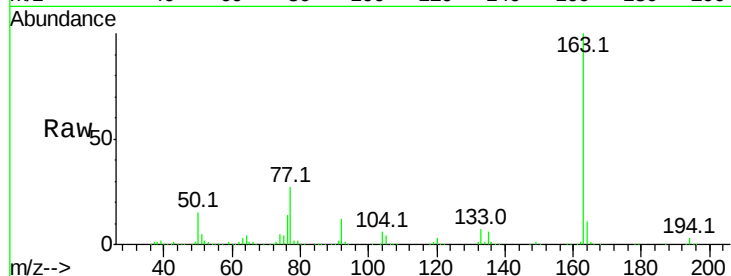
#49
Dimethylphthalate
Concen: 45.64 ng
RT: 9.39 min Scan# 683
Delta R.T. 0.00 min
Lab File: BF086990.D
Acq: 14 May 2016 00:46

Instrument :
BNA_F
ClientSampleID :
HSR-WC-43-050616MS

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.1	2.6	4.0	
164	10.5	8.2	12.4	

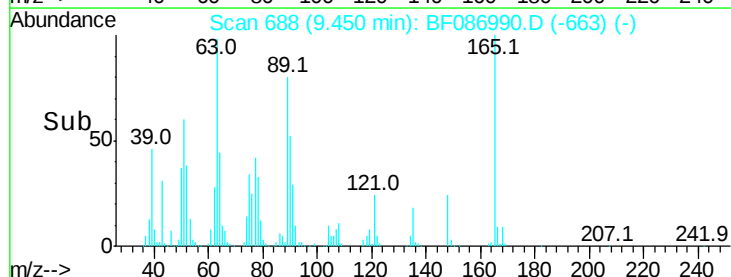
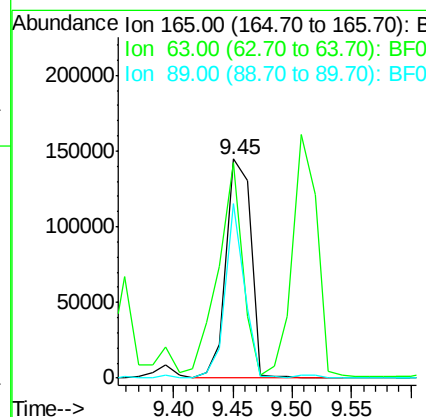
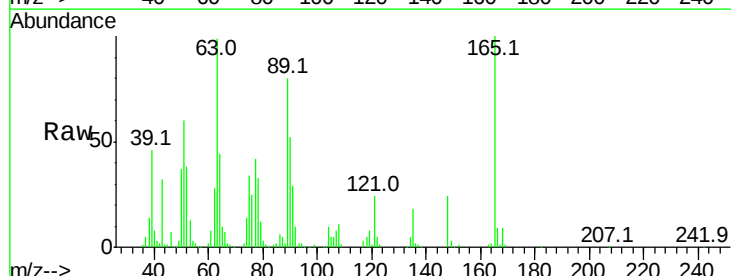
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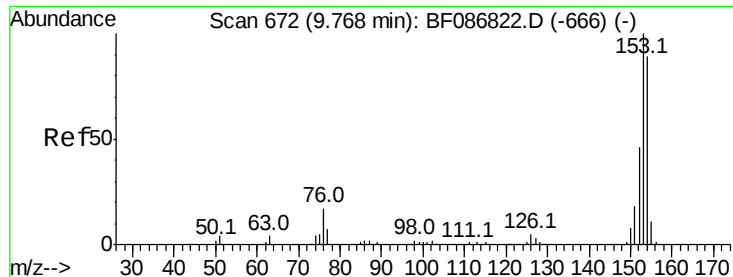
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#50
2,6-Dinitrotoluene
Concen: 47.82 ng
RT: 9.45 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF086990.D
Acq: 14 May 2016 00:46

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	98.7	51.8	77.8#	
89	79.6	50.7	76.1#	





#51

Acenaphthene

Concen: 47.49 ng

RT: 9.68 min Scan# 708

Delta R.T. -0.01 min

Lab File: BF086990.D

Acq: 14 May 2016 00:46

Instrument :

BNA_F

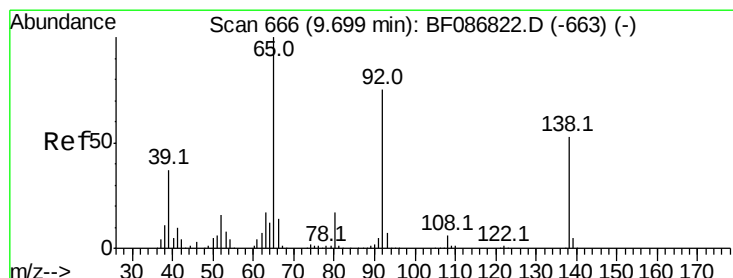
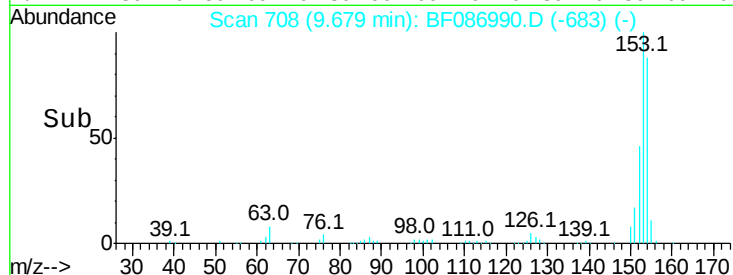
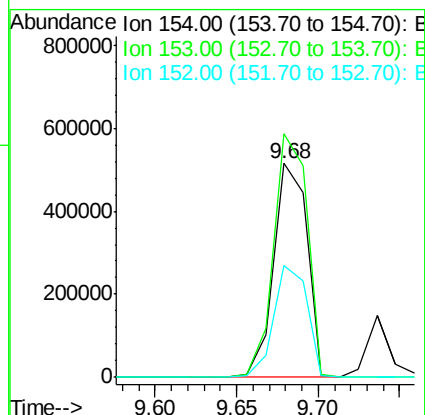
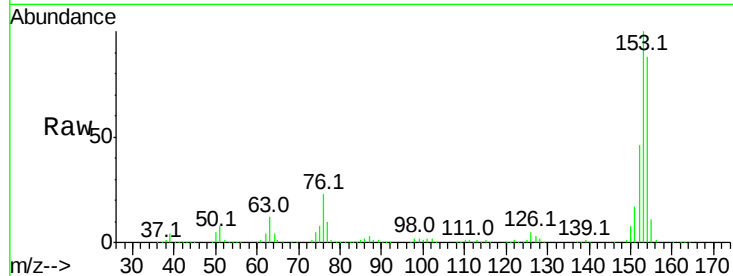
ClientSampleId :

HSR-WC-43-050616MS

Tot Ion:	154	Resp:	739565
Ion Ratio	Lower	Upper	
154	100		
153	113.9	89.8	134.6
152	52.6	43.4	65.0

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#52

3-Nitroaniline

Concen: 22.61 ng

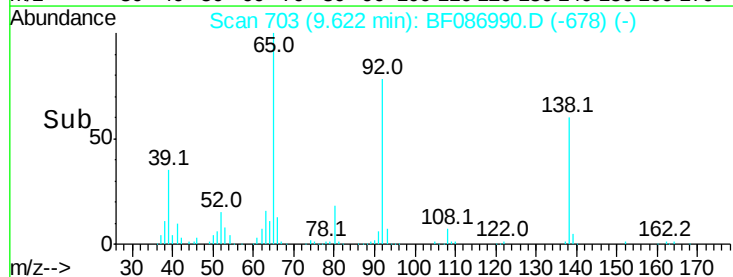
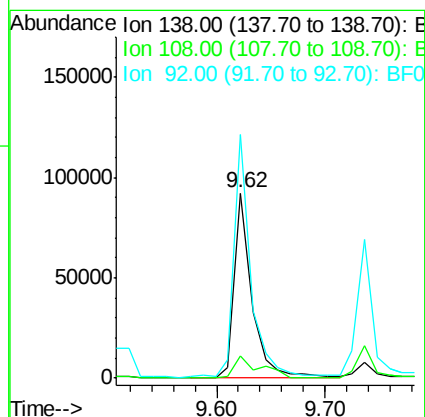
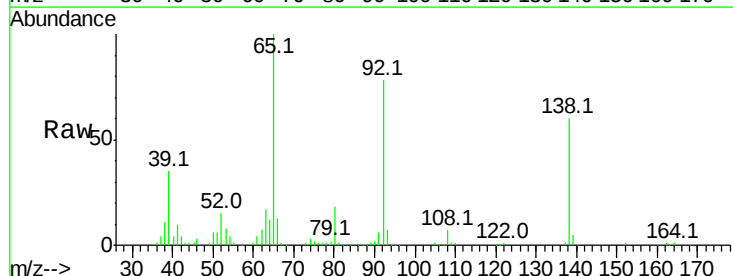
RT: 9.62 min Scan# 703

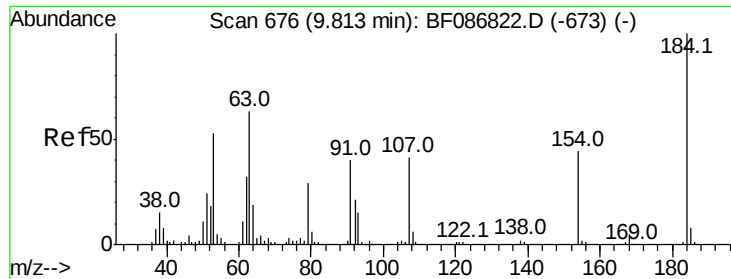
Delta R.T. -0.01 min

Lab File: BF086990.D

Acq: 14 May 2016 00:46

Tgt Ion:	138	Resp:	104357
Ion Ratio	Lower	Upper	
138	100		
108	12.0	7.8	11.6#
92	131.5	87.8	131.8





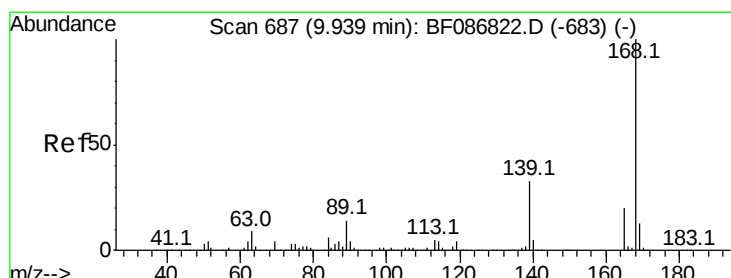
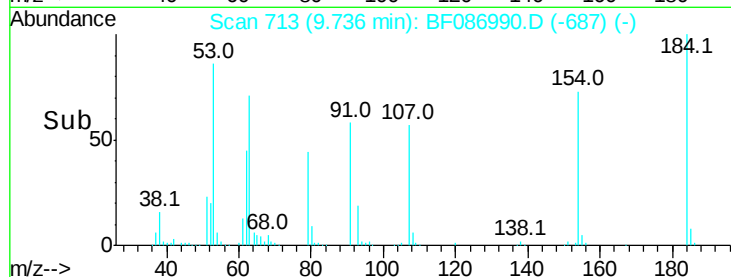
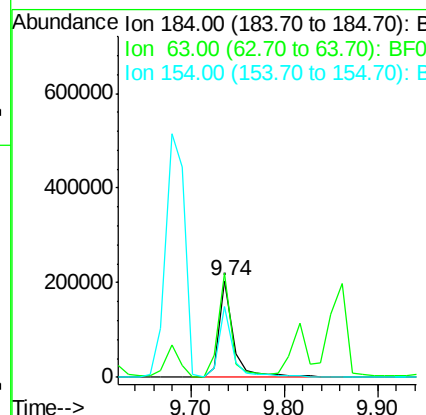
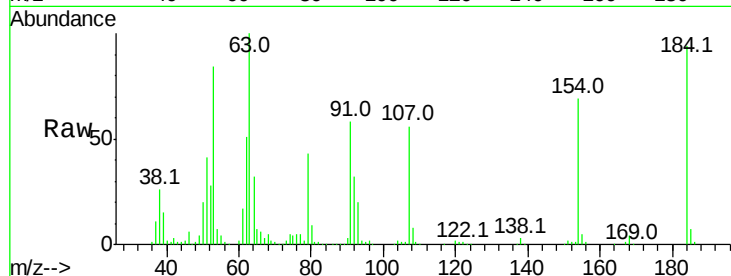
#53
 2,4-Dinitrophenol
 Concen: 97.64 ng
 RT: 9.74 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: BF086990.D
 Acq: 14 May 2016 00:46

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-43-050616MS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	106.6	55.8	83.8#	
154	73.2	62.4	93.6	

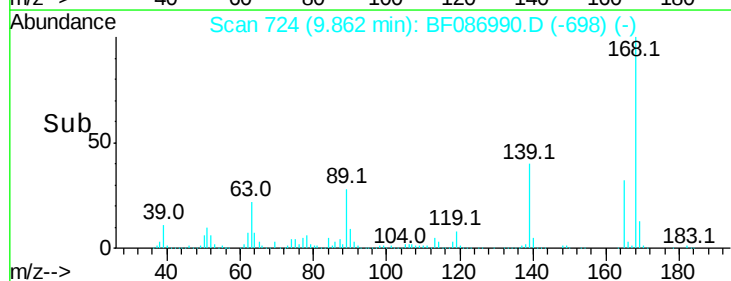
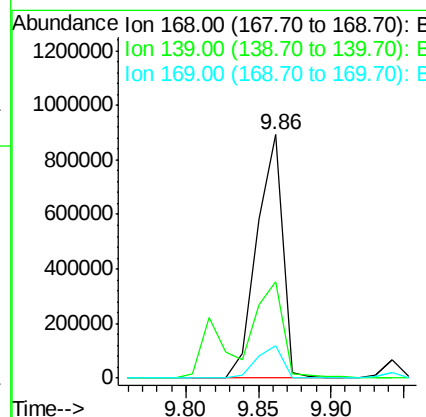
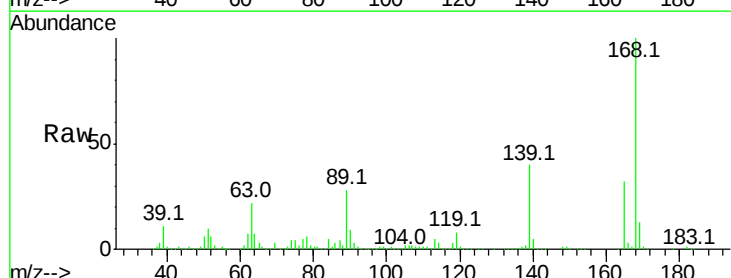
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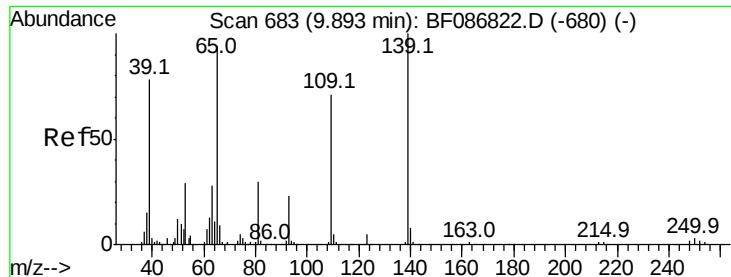
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#54
 Dibenzofuran
 Concen: 54.88 ng
 RT: 9.86 min Scan# 724
 Delta R.T. 0.00 min
 Lab File: BF086990.D
 Acq: 14 May 2016 00:46

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	39.8	31.4	47.0	
169	13.1	10.7	16.1	





#55

4-Nitrophenol

Concen: 88.22 ng

RT: 9.82 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF086990.D

Acq: 14 May 2016 00:46

Instrument :

BNA_F

ClientSampleId :

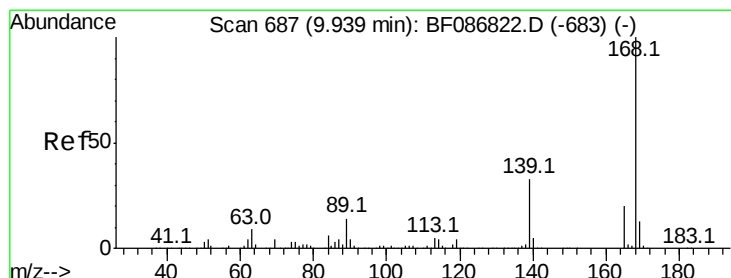
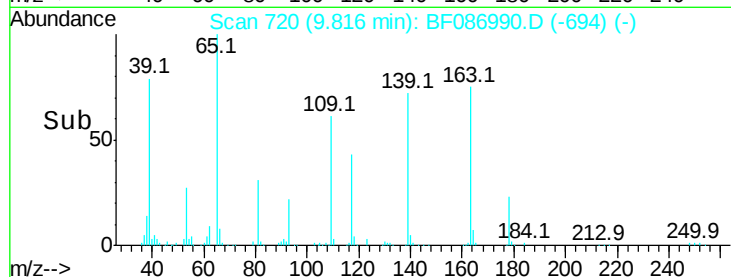
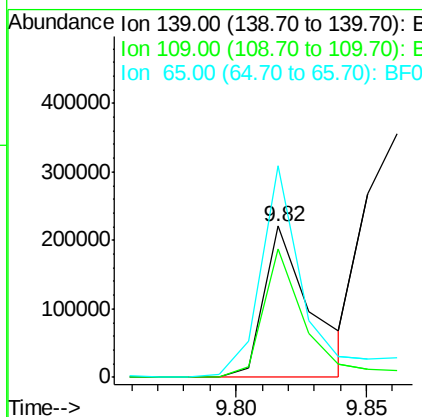
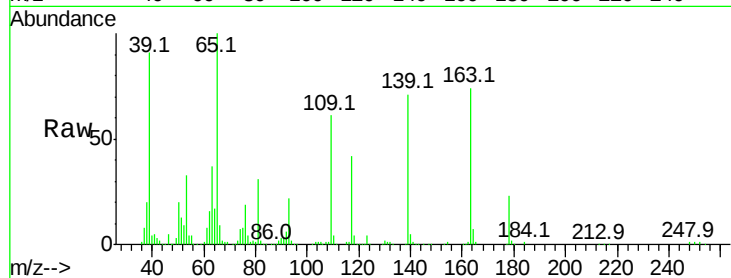
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Tot Ion:139	Resp:	273084
Ion Ratio	Lower	Upper
139	100	
109	84.9	36.9 76.9#
65	140.3	64.0 104.0#



#56

2,4-Dinitrotoluene

Concen: 52.42 ng

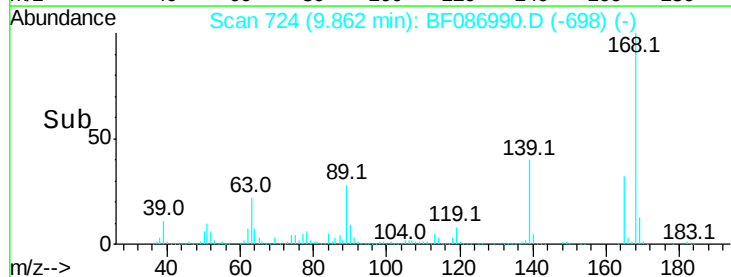
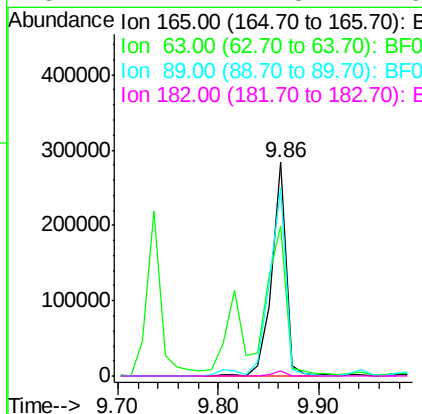
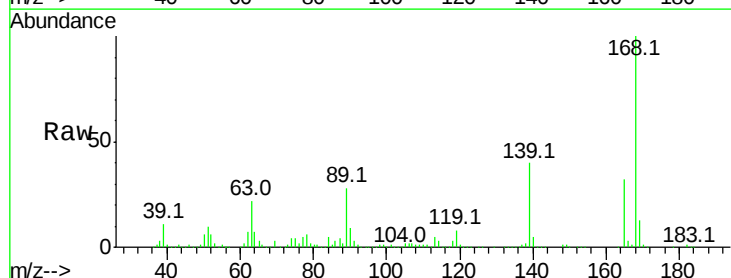
RT: 9.86 min Scan# 724

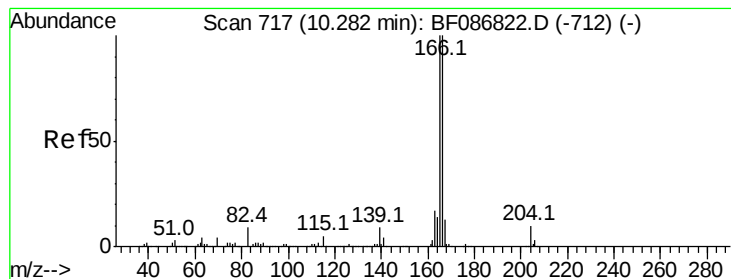
Delta R.T. 0.00 min

Lab File: BF086990.D

Acq: 14 May 2016 00:46

Tgt Ion:165	Resp:	284450
Ion Ratio	Lower	Upper
165	100	
63	70.1	44.3 66.5#
89	88.0	70.0 105.0
182	2.2	1.8 2.6





#57

Fluorene

Concen: 48.46 ng

RT: 10.19 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF086990.D

Acq: 14 May 2016 00:46

Instrument :

BNA_F

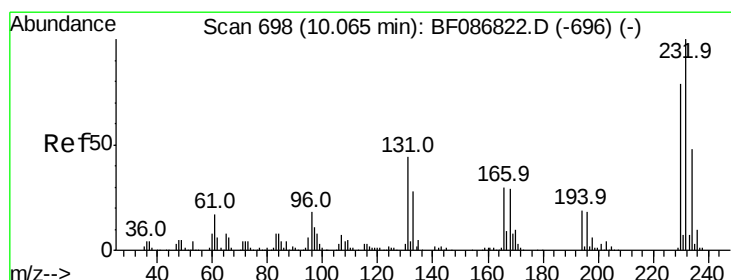
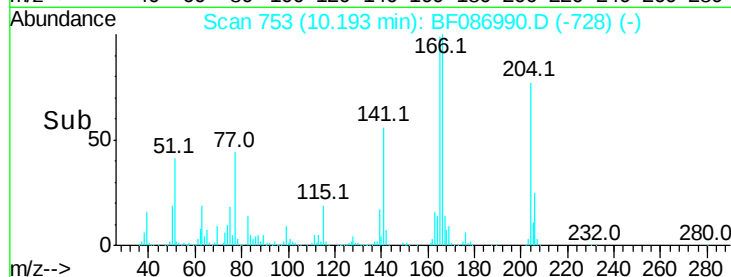
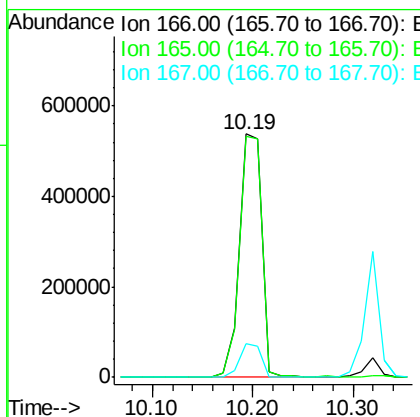
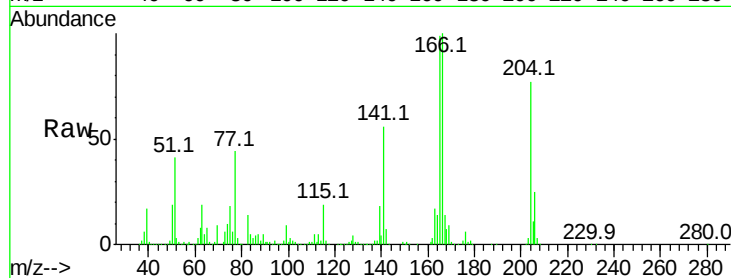
ClientSampleId :

HSR-WC-43-050616MS

Tot Ion:	166	Resp:	826098
Ion Ratio	Lower	Upper	
166	100		
165	99.1	79.0	118.6
167	14.1	10.6	15.8

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#58

2,3,4,6-Tetrachlorophenol

Concen: 56.76 ng

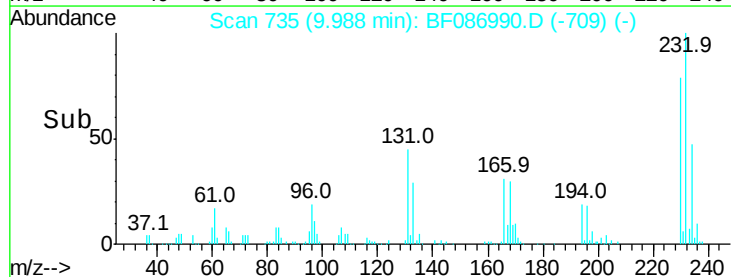
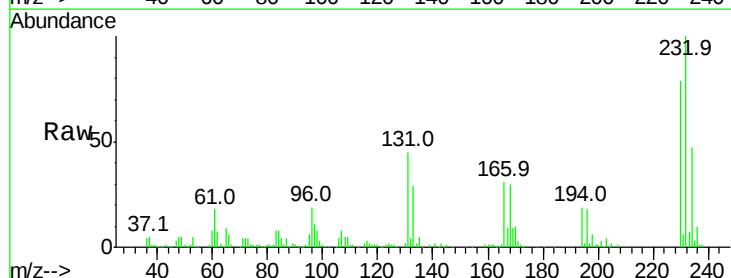
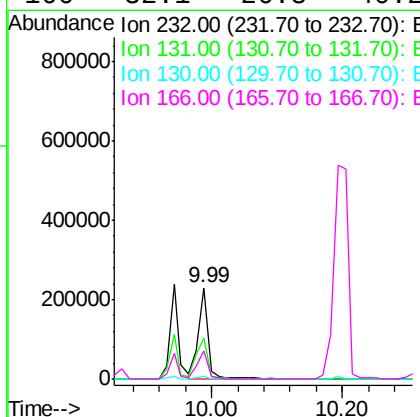
RT: 9.99 min Scan# 735

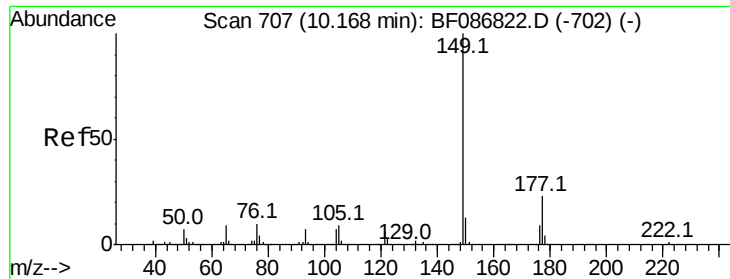
Delta R.T. 0.00 min

Lab File: BF086990.D

Acq: 14 May 2016 00:46

Tgt Ion:	232	Resp:	234675
Ion Ratio	Lower	Upper	
232	100		
131	52.4	41.9	62.9
130	2.6	2.2	3.4
166	32.1	26.8	40.2





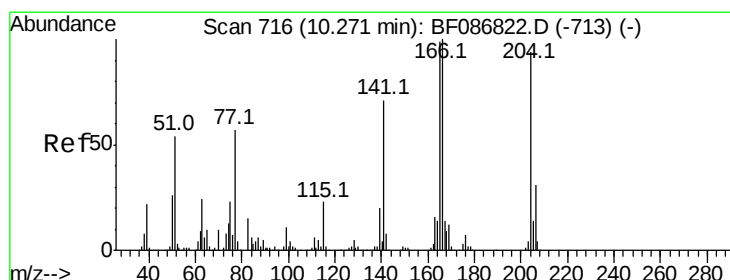
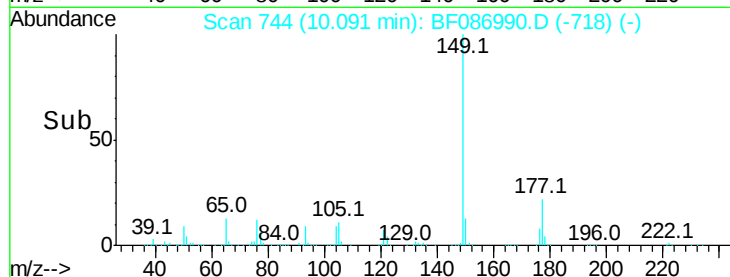
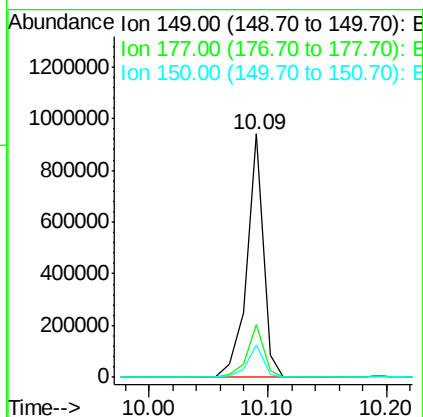
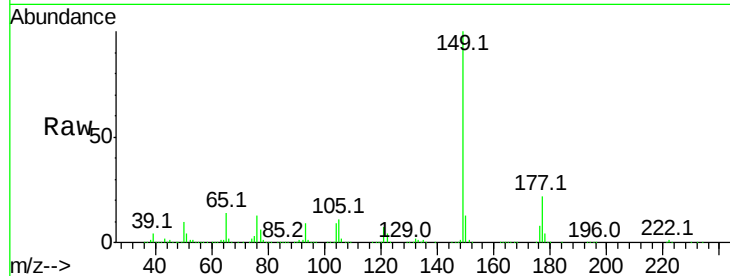
#59
Diethylphthalate
Concen: 45.13 ng
RT: 10.09 min Scan# 744
Delta R.T. 0.00 min
Lab File: BF086990.D
Acq: 14 May 2016 00:46

Instrument :
BNA_F
ClientSampleId :
HSR-WC-43-050616MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	916305		
177	21.5	16.6	24.8	
150	13.1	10.0	15.0	

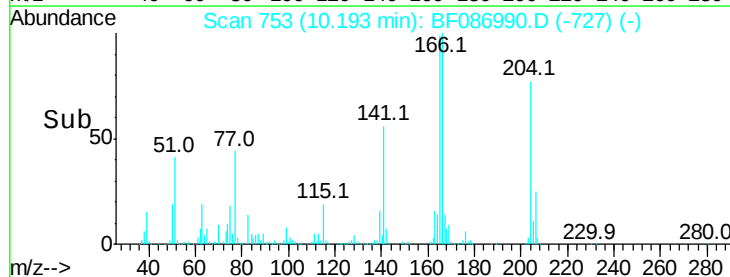
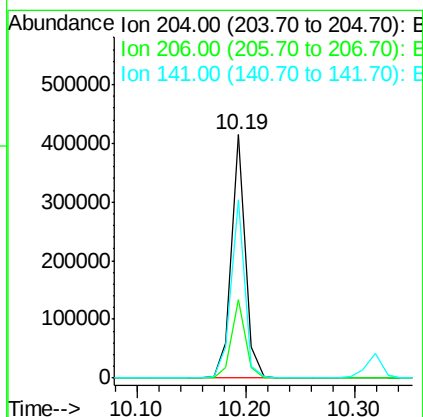
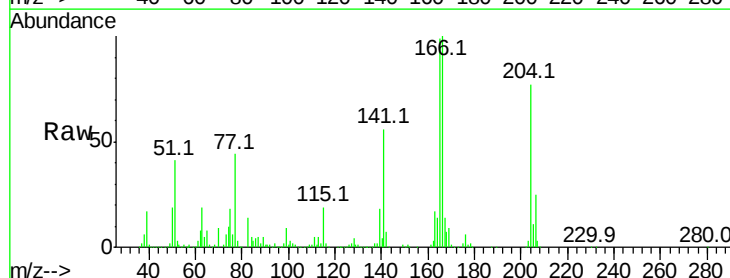
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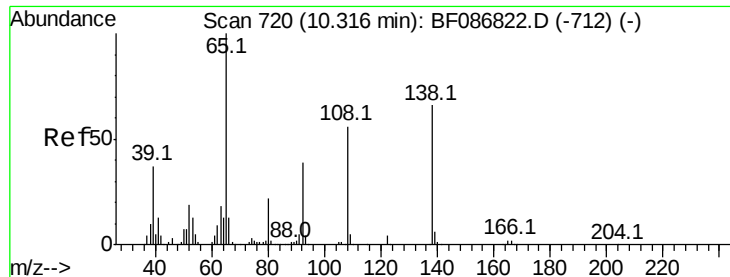
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#60
4-Chlorophenyl-phenylether
Concen: 51.55 ng
RT: 10.19 min Scan# 753
Delta R.T. 0.00 min
Lab File: BF086990.D
Acq: 14 May 2016 00:46

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	368803		
206	32.0	25.4	38.0	
141	73.1	61.6	92.4	





#61

4-Nitroaniline

Concen: 47.87 ng

RT: 10.24 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF086990.D

Acq: 14 May 2016 00:46

Instrument :

BNA_F

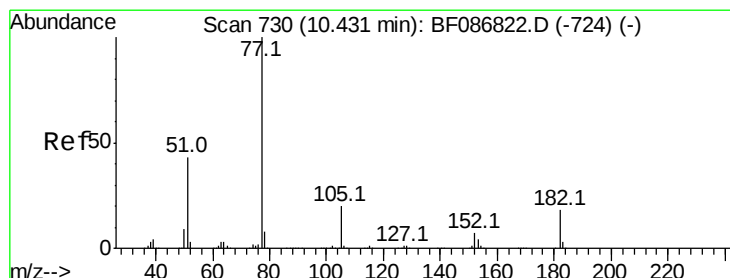
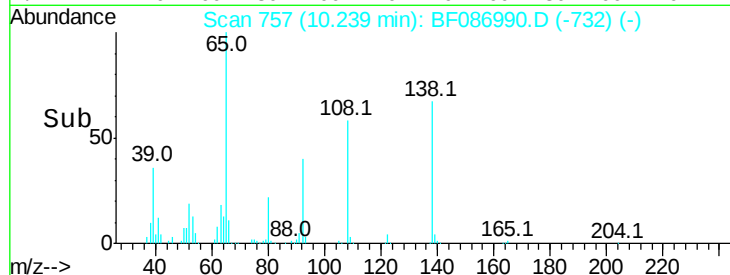
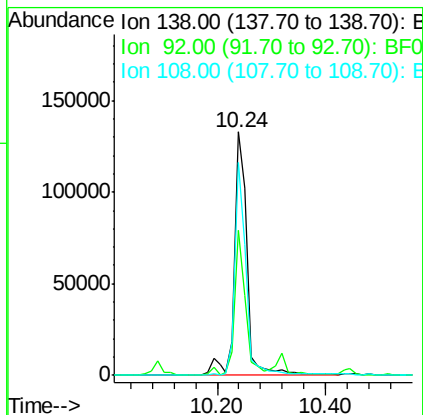
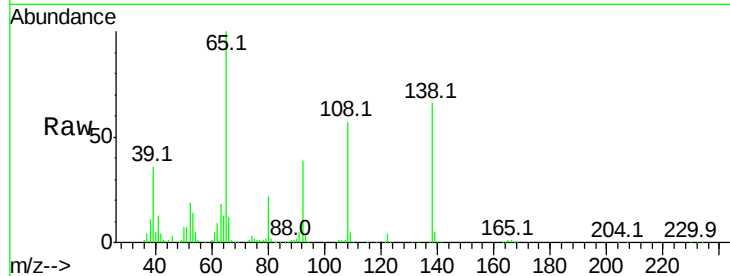
ClientSampleId :

HSR-WC-43-050616MS

Tot Ion:	138	Resp:	212227
Ion Ratio	Lower	Upper	
138	100		
92	59.7	24.7	64.7
108	87.3	37.4	77.4#

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#62

Azobenzene

Concen: 52.16 ng

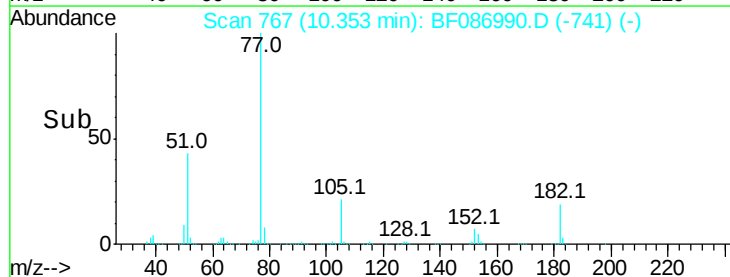
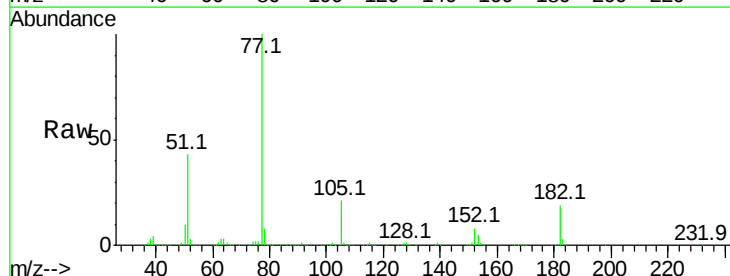
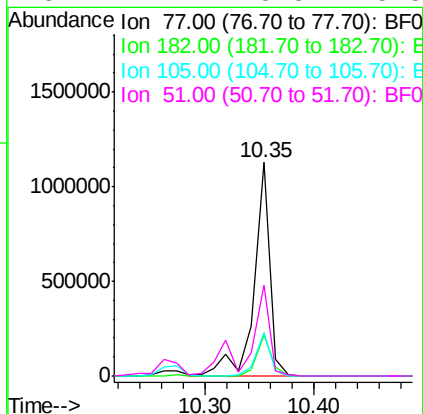
RT: 10.35 min Scan# 767

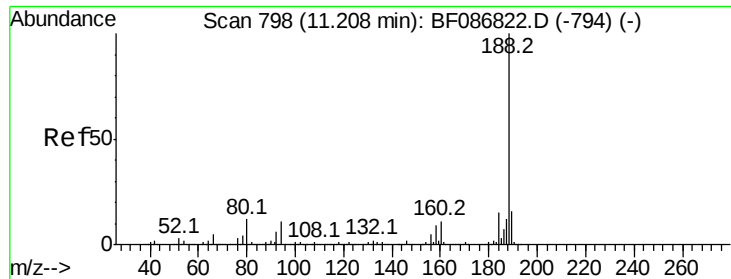
Delta R.T. 0.00 min

Lab File: BF086990.D

Acq: 14 May 2016 00:46

Tgt Ion:	77	Resp:	1142669
Ion Ratio	Lower	Upper	
77	100		
182	19.0	0.0	38.8
105	20.6	3.2	43.2
51	42.7	8.8	48.8





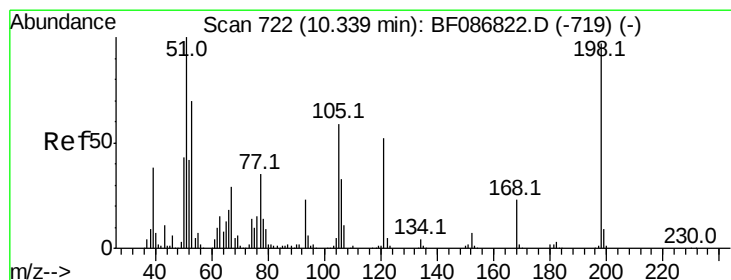
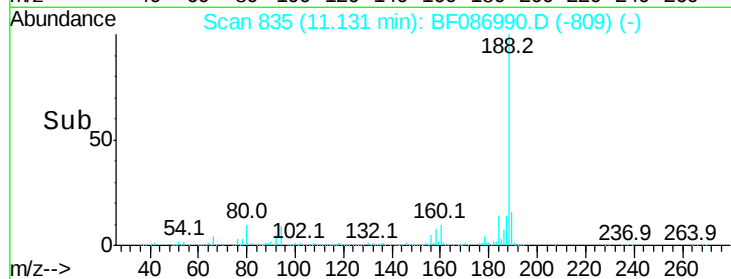
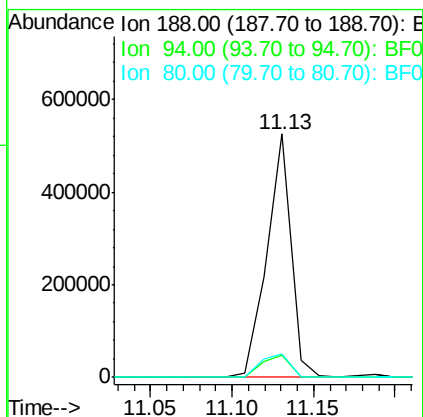
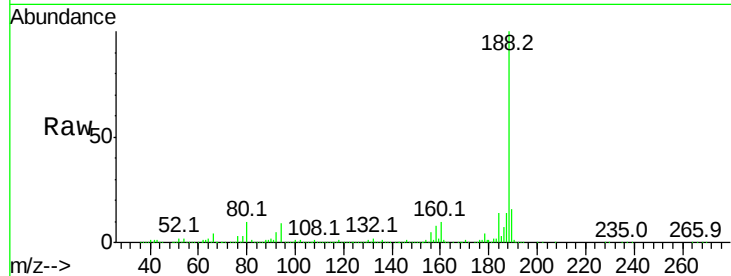
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 835
Delta R.T. 0.00 min
Lab File: BF086990.D
Acq: 14 May 2016 00:46

Instrument :
BNA_F
ClientSampleId :
HSR-WC-43-050616MS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.0	6.8	10.2
80	9.6	7.1	10.7

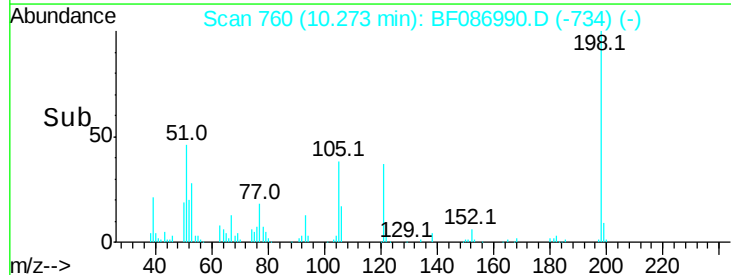
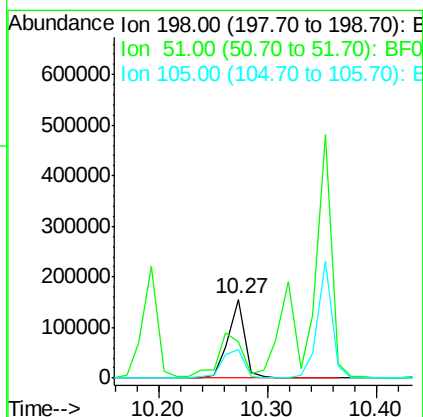
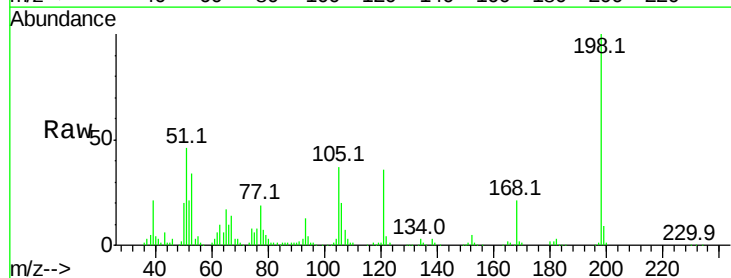
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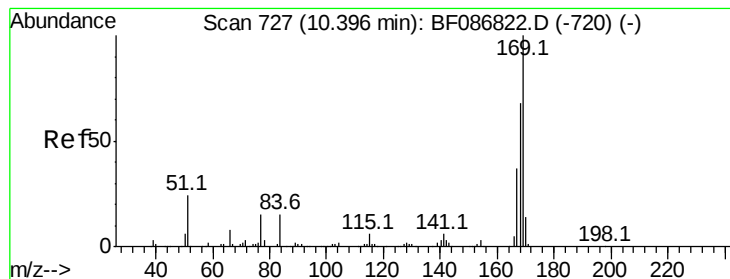
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#64
4,6-Dinitro-2-methylphenol
Concen: 49.02 ng
RT: 10.27 min Scan# 760
Delta R.T. 0.00 min
Lab File: BF086990.D
Acq: 14 May 2016 00:46

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	45.5	20.5	60.5
105	36.7	24.5	64.5





#65

n-Nitrosodiphenylamine

Concen: 45.18 ng

RT: 10.32 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF086990.D

Acq: 14 May 2016 00:46

Instrument :

BNA_F

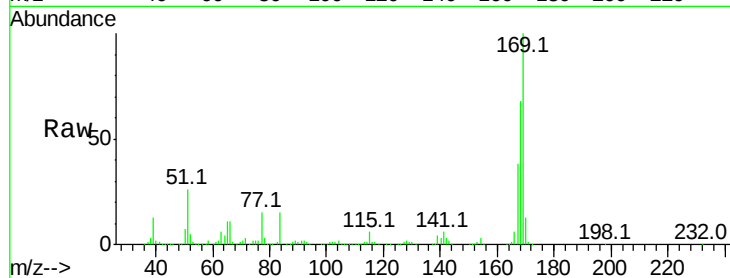
ClientSampleId :

HSR-WC-43-050616MS

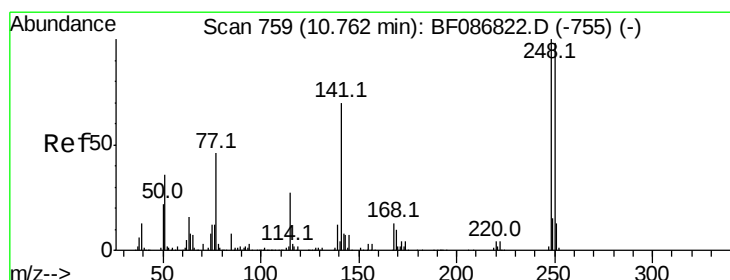
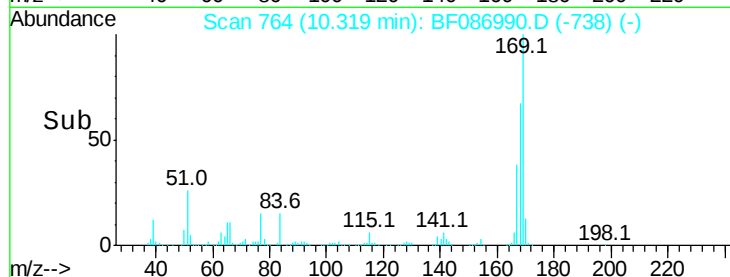
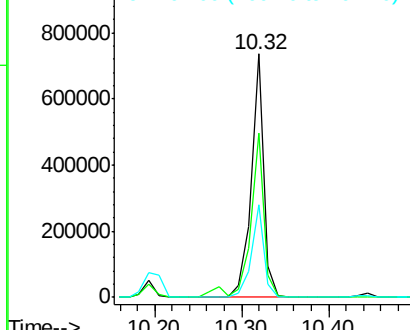
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Tot Ion:	169	Resp:	754724
Ion Ratio	Lower	Upper	
169	100		
168	67.6	53.8	80.6
167	37.8	29.5	44.3



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



#66

4-Bromophenyl-phenylether

Concen: 46.06 ng

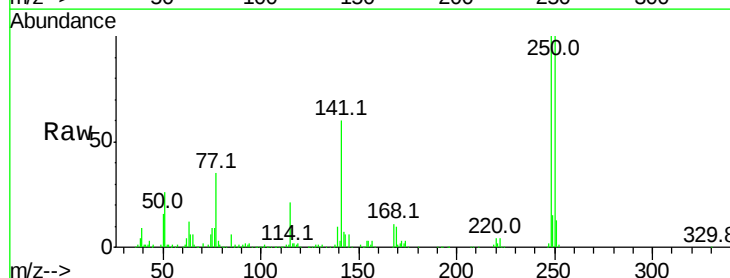
RT: 10.68 min Scan# 796

Delta R.T. 0.00 min

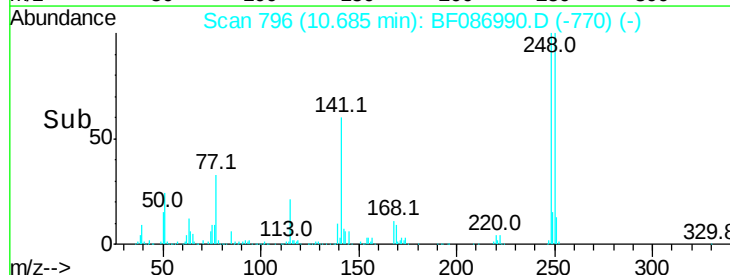
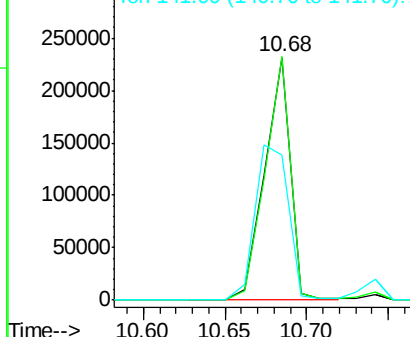
Lab File: BF086990.D

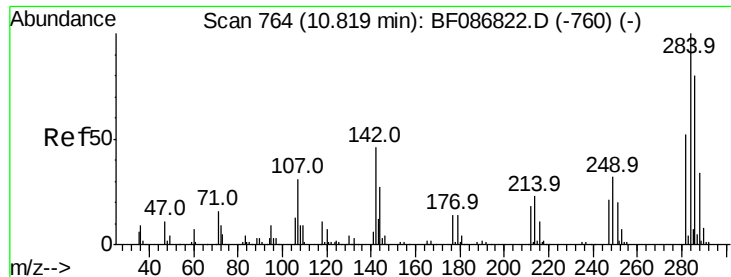
Acq: 14 May 2016 00:46

Tgt Ion:	248	Resp:	253930
Ion Ratio	Lower	Upper	
248	100		
250	100.3	78.6	117.8
141	59.9	76.0	114.0#



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





#67

Hexachlorobenzene

Concen: 43.44 ng

RT: 10.74 min Scan# 801

Delta R.T. 0.00 min

Lab File: BF086990.D

Acq: 14 May 2016 00:46

Instrument :

BNA_F

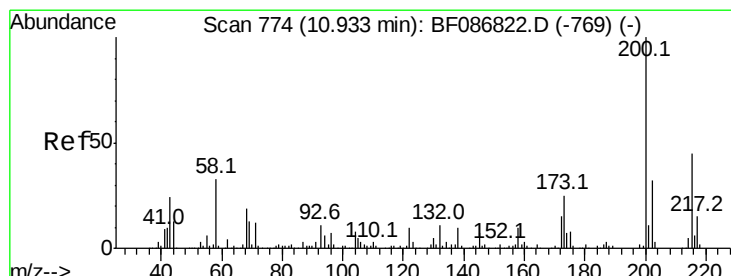
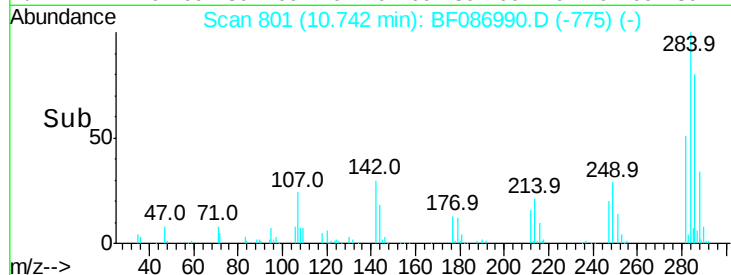
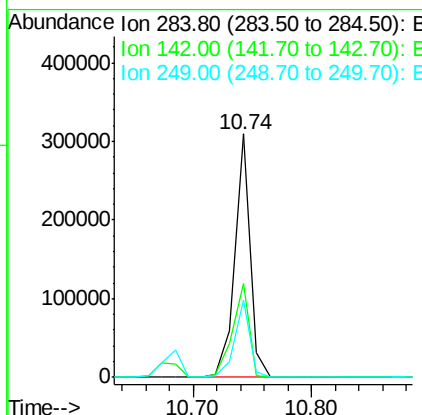
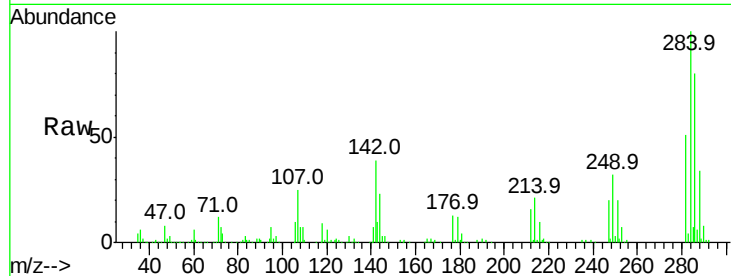
ClientSampleId :

HSR-WC-43-050616MS

Tot Ion:	284	Resp:	279867
Ion Ratio	Lower	Upper	
284	100		
142	38.6	16.7	25.1#
249	31.9	21.3	31.9

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#68

Atrazine

Concen: 45.20 ng

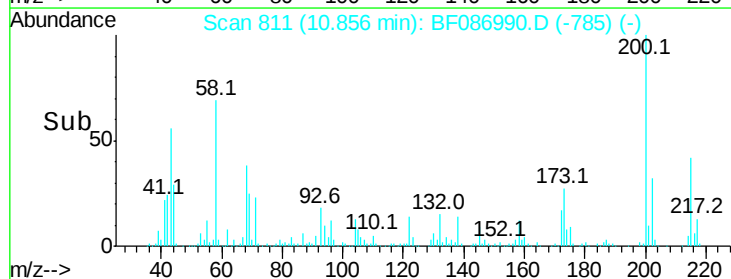
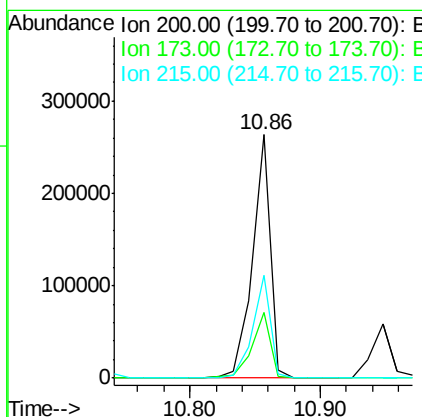
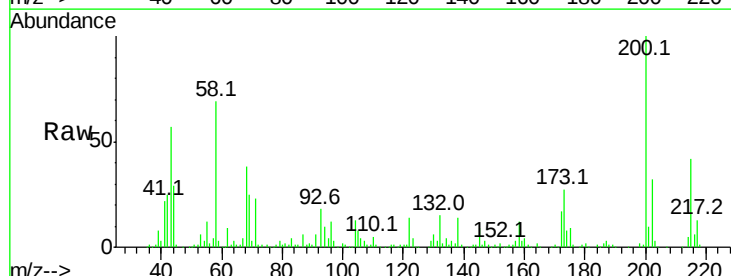
RT: 10.86 min Scan# 811

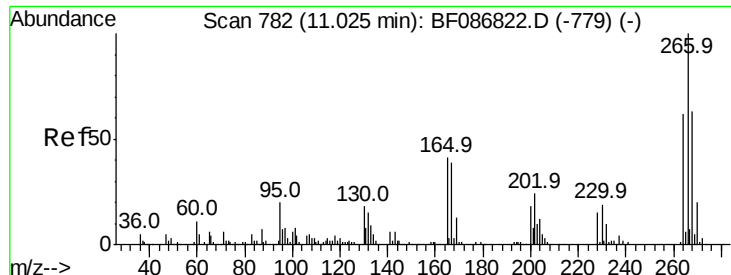
Delta R.T. 0.00 min

Lab File: BF086990.D

Acq: 14 May 2016 00:46

Tgt Ion:	200	Resp:	252239
Ion Ratio	Lower	Upper	
200	100		
173	27.0	8.5	48.5
215	42.1	27.2	67.2





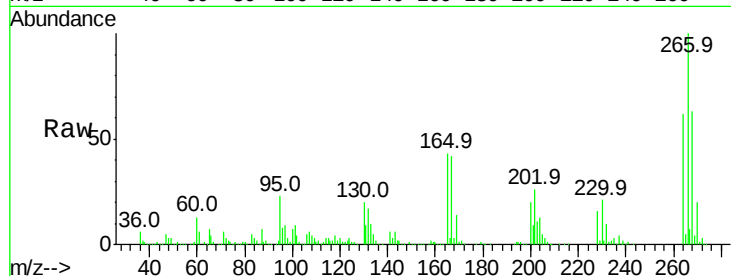
#69
 Pentachlorophenol
 Concen: 105.23 ng
 RT: 10.95 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BF086990.D
 Acq: 14 May 2016 00:46

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-43-050616MS

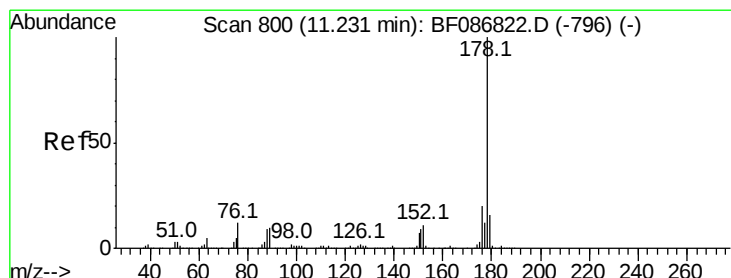
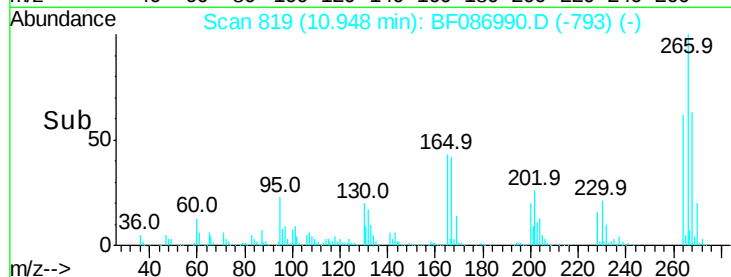
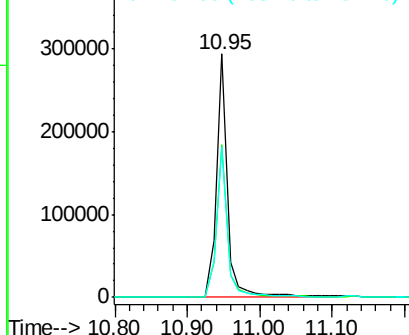
Tot Ion	Ratio	Resp	Lower	Upper
266	100	313320		
268	62.9		51.5	77.3
264	61.8		52.9	79.3

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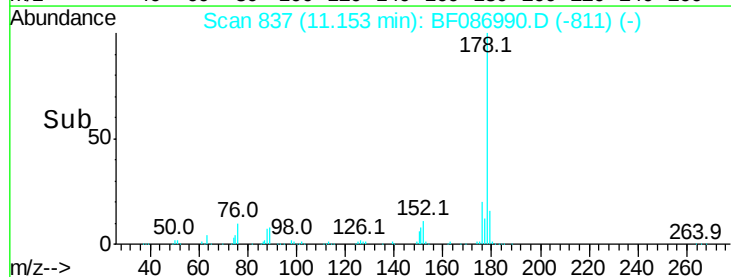
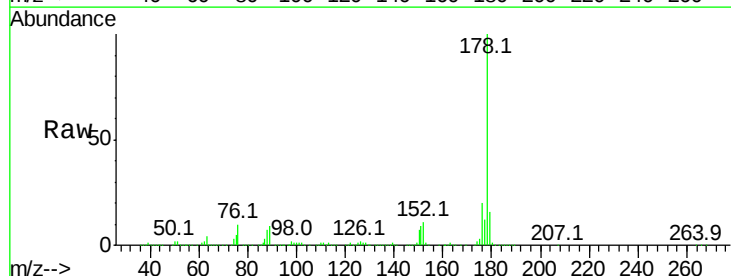
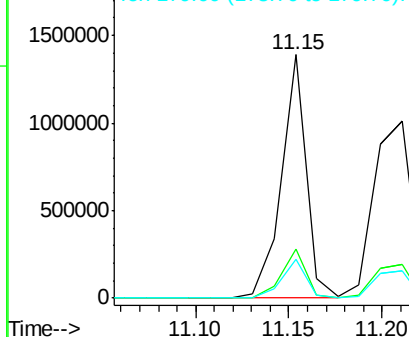
Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

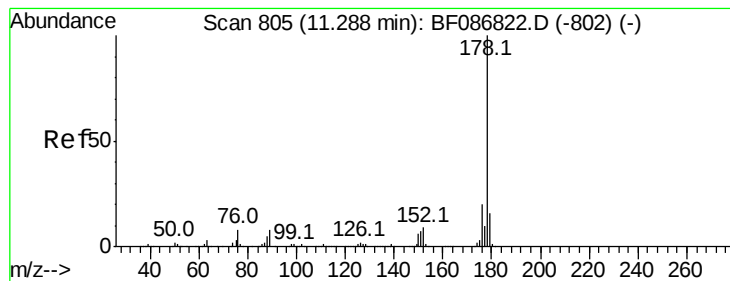


#70
 Phenanthrene
 Concen: 44.30 ng
 RT: 11.15 min Scan# 837
 Delta R.T. 0.00 min
 Lab File: BF086990.D
 Acq: 14 May 2016 00:46

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1285462		
176	20.4		16.0	24.0
179	16.0		12.6	18.8

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: 47.10 ng

RT: 11.21 min Scan# 842

Delta R.T. 0.00 min

Lab File: BF086990.D

Acq: 14 May 2016 00:46

Instrument :

BNA_F

ClientSampleId :

HSR-WC-43-050616MS

Tot Ion:178 Resp: 1397811

Ion Ratio Lower Upper

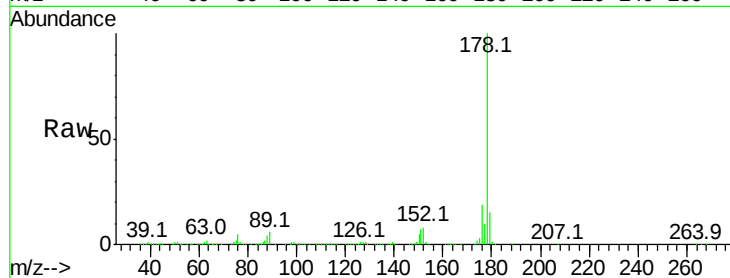
178 100

176 19.2 15.6 23.4

179 15.2 12.7 19.1

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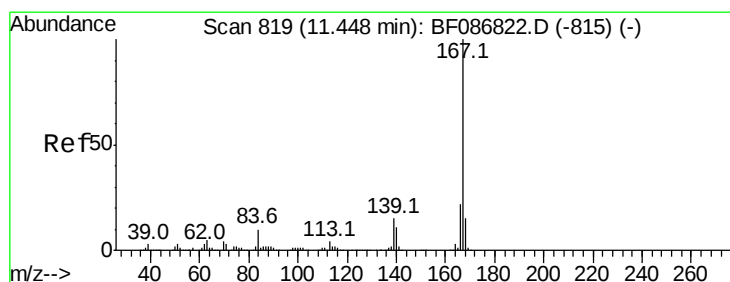
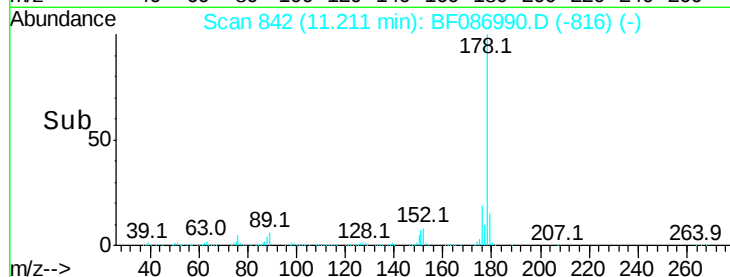
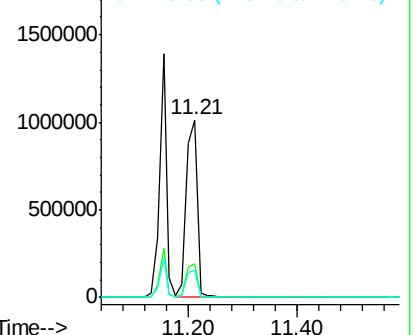
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 50.59 ng

RT: 11.37 min Scan# 856

Delta R.T. 0.00 min

Lab File: BF086990.D

Acq: 14 May 2016 00:46

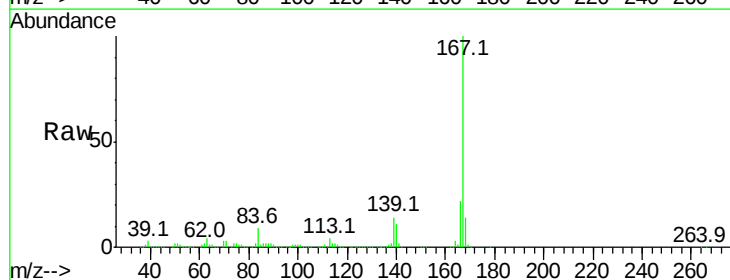
Tgt Ion:167 Resp: 1290463

Ion Ratio Lower Upper

167 100

166 22.2 17.7 26.5

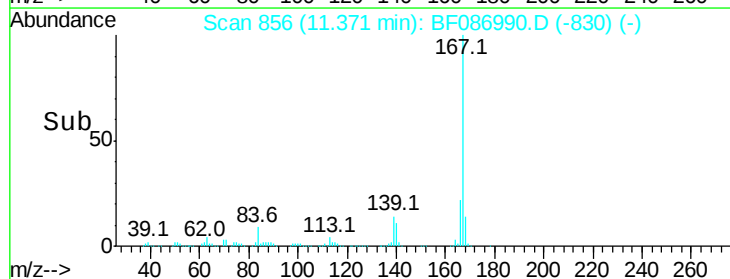
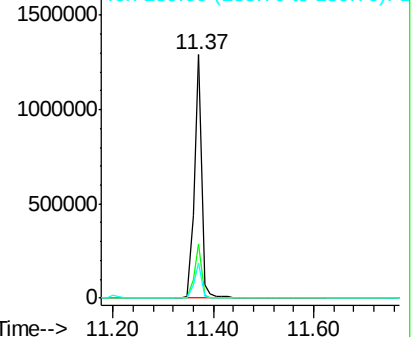
139 14.4 10.8 16.2

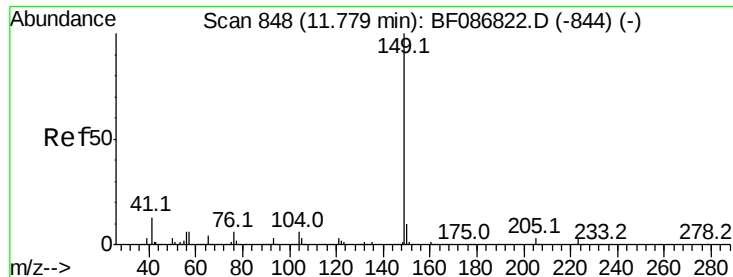


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 43.65 ng

RT: 11.70 min Scan# 885

Delta R.T. 0.00 min

Lab File: BF086990.D

Acq: 14 May 2016 00:46

Instrument :

BNA_F

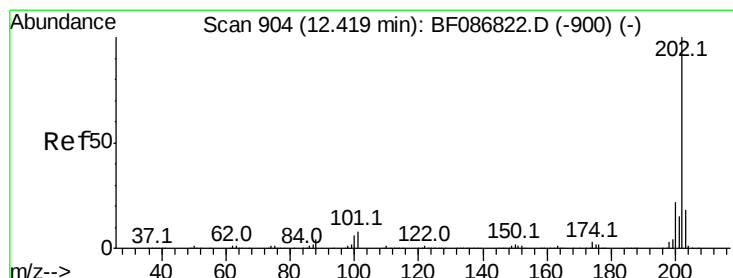
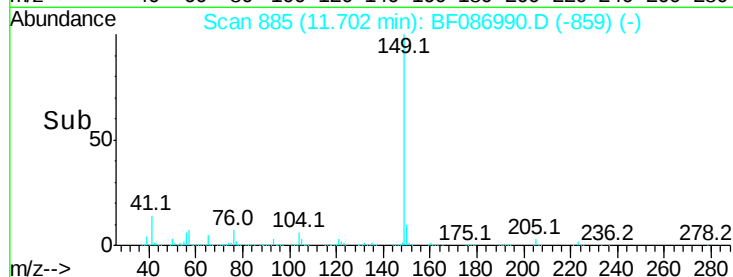
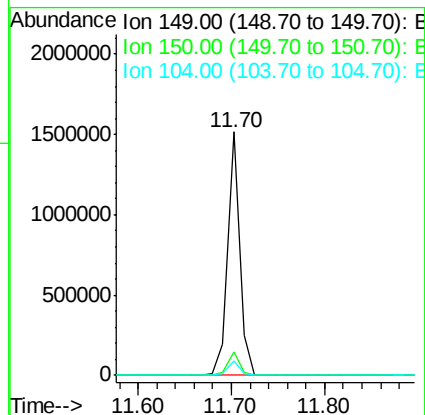
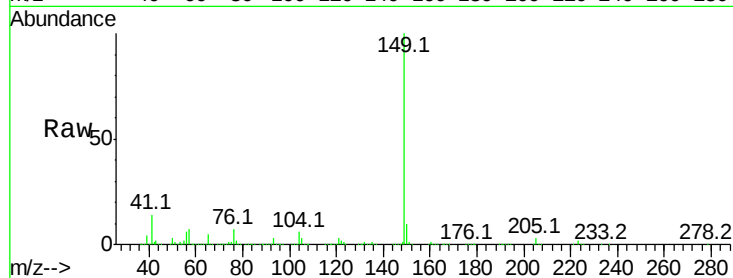
ClientSampleId :

HSR-WC-43-050616MS

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Tot Ion:	149	Resp:	1359754
Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.6	11.4
104	6.2	3.8	5.6#



#74

Fluoranthene

Concen: 42.72 ng

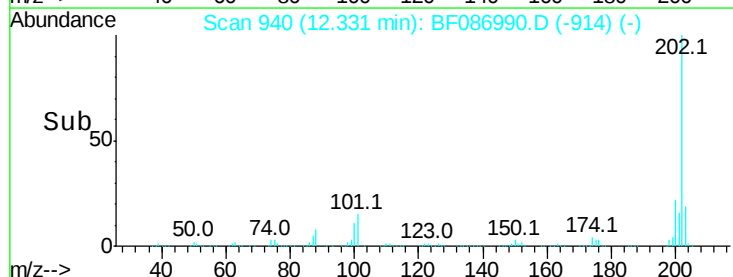
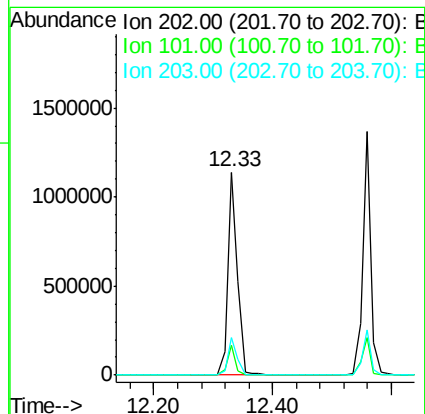
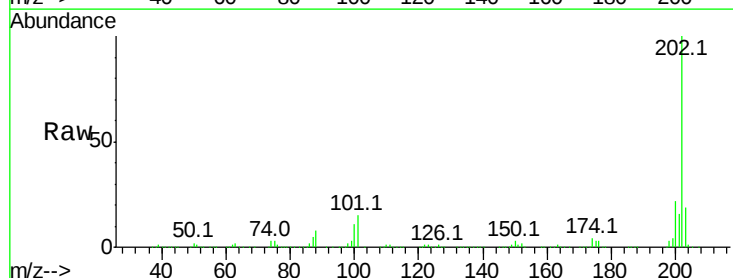
RT: 12.33 min Scan# 940

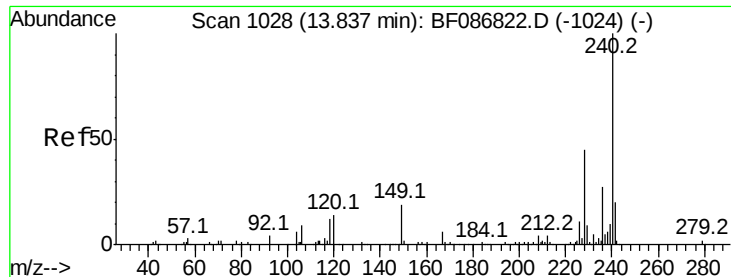
Delta R.T. 0.00 min

Lab File: BF086990.D

Acq: 14 May 2016 00:46

Tgt Ion:	202	Resp:	1275070
Ion	Ratio	Lower	Upper
202	100		
101	14.9	0.0	35.4
203	18.6	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.76 min Scan# 1065

Delta R.T. 0.00 min

Lab File: BF086990.D

Acq: 14 May 2016 00:46

Instrument :

BNA_F

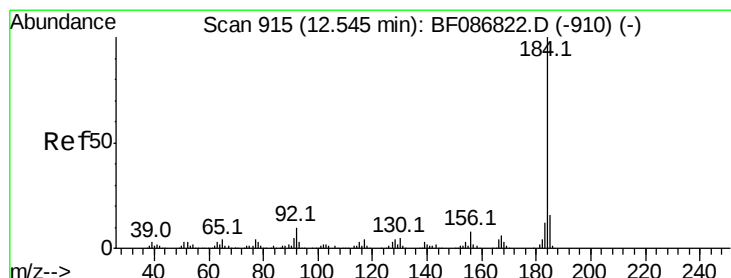
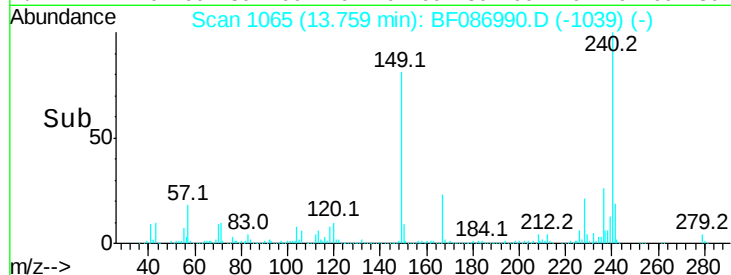
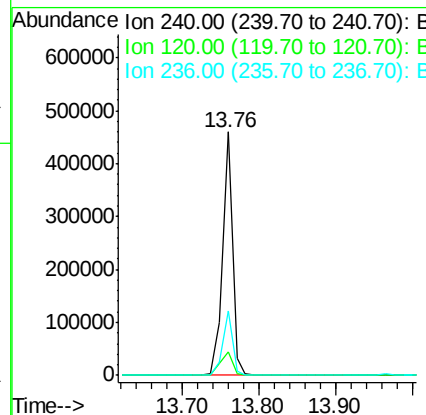
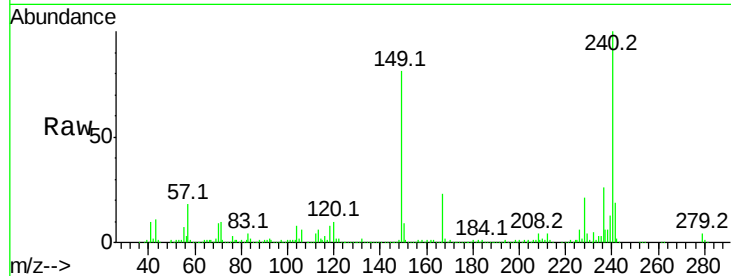
ClientSampleId :

HSR-WC-43-050616MS

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.6	11.2	16.8#
236	26.4	21.2	31.8

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#76

Benzidine

Concen: 5.03 ng

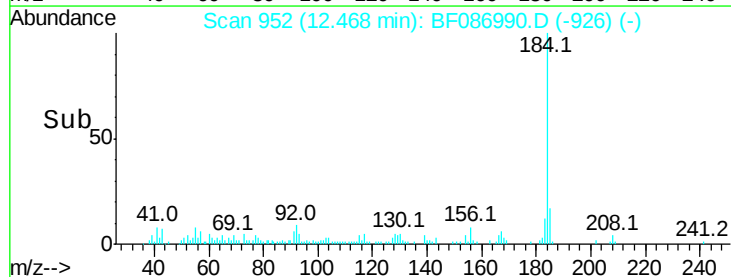
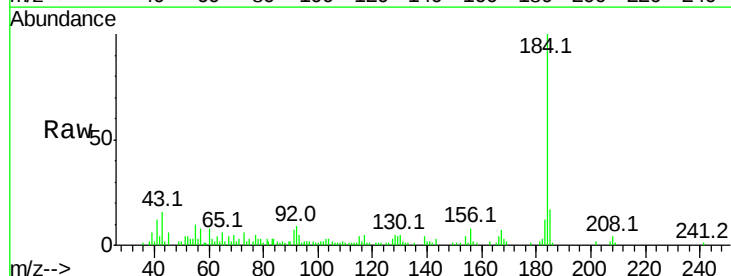
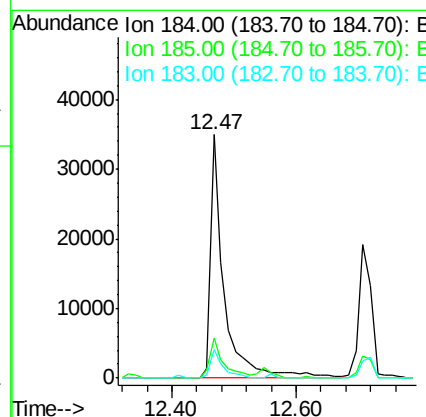
RT: 12.47 min Scan# 952

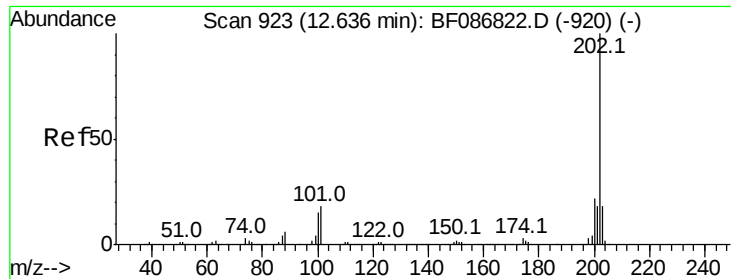
Delta R.T. 0.00 min

Lab File: BF086990.D

Acq: 14 May 2016 00:46

Tgt Ion	Ratio	Lower	Upper
184	100		
185	16.6	13.6	20.4
183	11.9	9.8	14.6





#77

Pvrene

Concen: 40.46 ng

RT: 12.56 min Scan# 960

Delta R.T. 0.00 min

Lab File: BF086990.D

Acq: 14 May 2016 00:46

Instrument :

BNA_F

ClientSampleId :

HSR-WC-43-050616MS

Tot Ion:202 Resp: 1286675

Ion Ratio Lower Upper

202 100

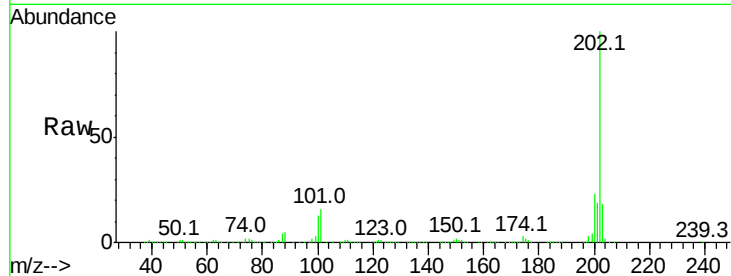
200 23.0 17.7 26.5

203 18.4 14.2 21.4

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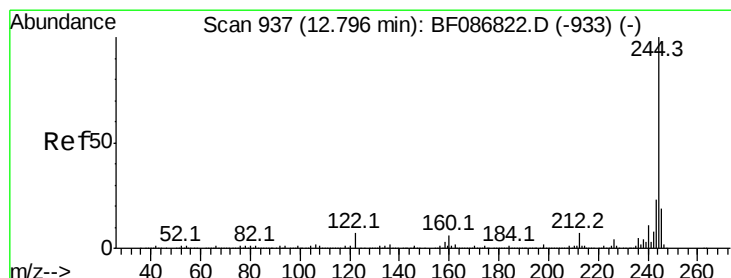
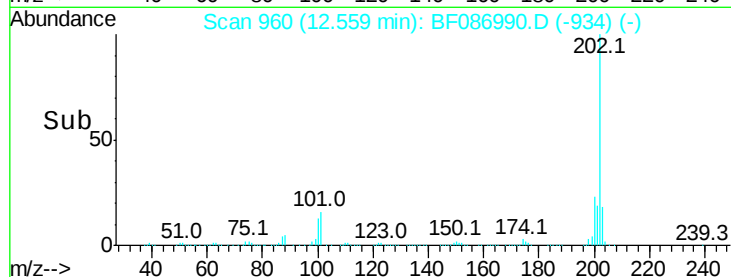
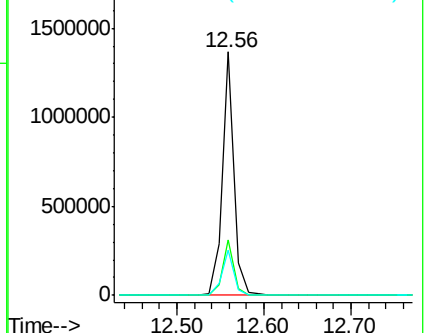
5/14/2016 10:00:36 AM



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 84.68 ng

RT: 12.72 min Scan# 974

Delta R.T. 0.00 min

Lab File: BF086990.D

Acq: 14 May 2016 00:46

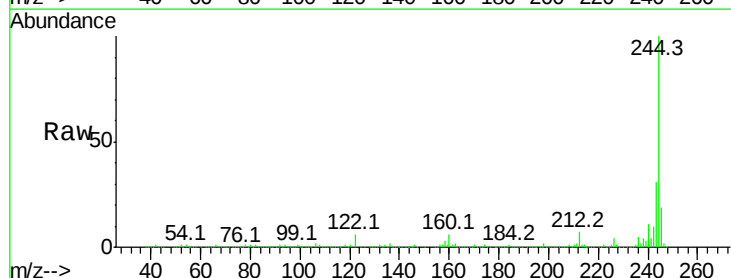
Tgt Ion:244 Resp: 1657801

Ion Ratio Lower Upper

244 100

212 6.7 6.2 9.2

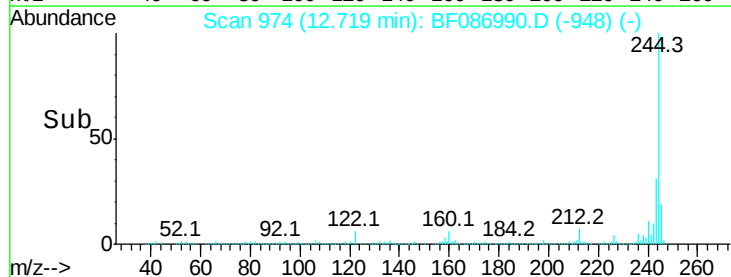
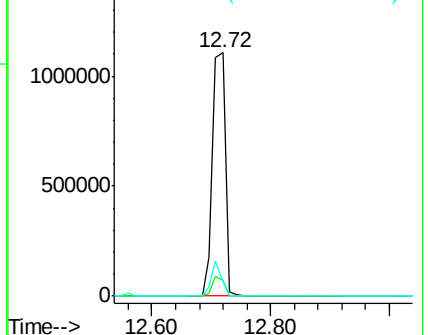
122 5.8 12.0 18.0#

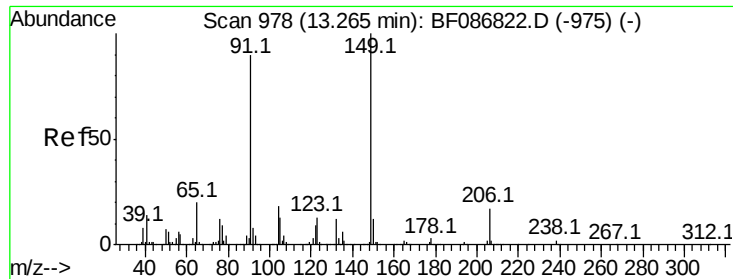


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 43.67 ng

RT: 13.19 min Scan# 1015

Delta R.T. 0.00 min

Lab File: BF086990.D

Acq: 14 May 2016 00:46

Instrument :

BNA_F

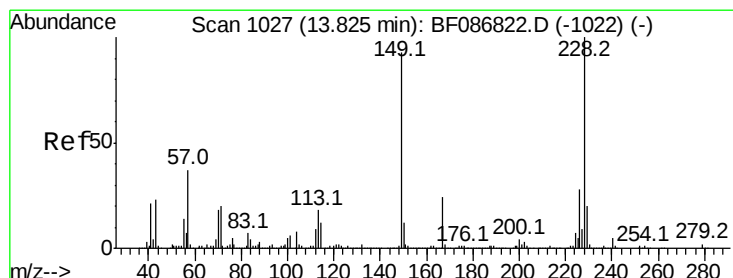
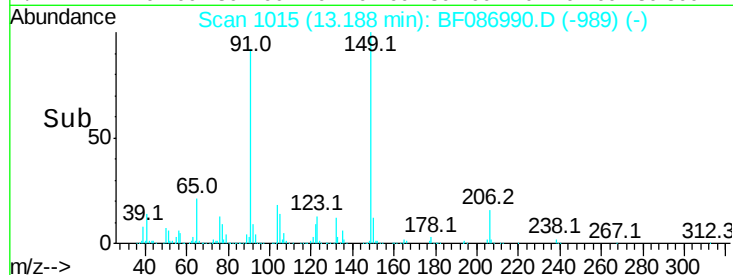
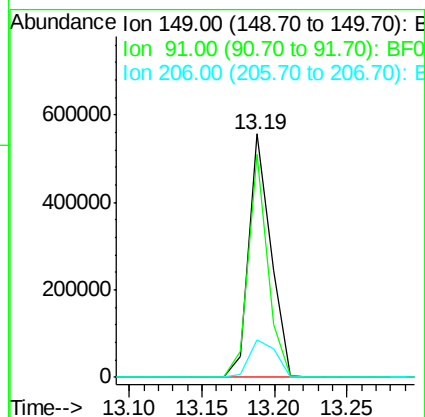
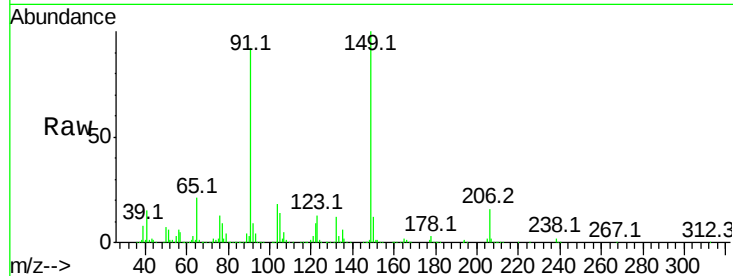
ClientSampleId :

HSR-WC-43-050616MS

Tot Ion:	149	Resp:	587402
Ion Ratio	Lower	Upper	
149	100		
91	91.6	48.0	72.0#
206	15.6	15.8	23.6#

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#80

Benzo(a)anthracene

Concen: 45.77 ng

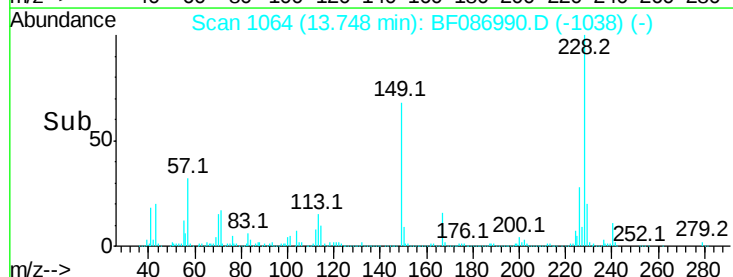
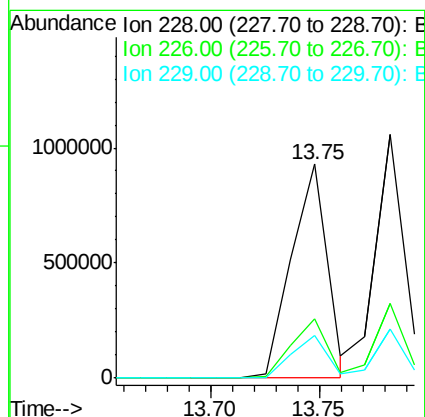
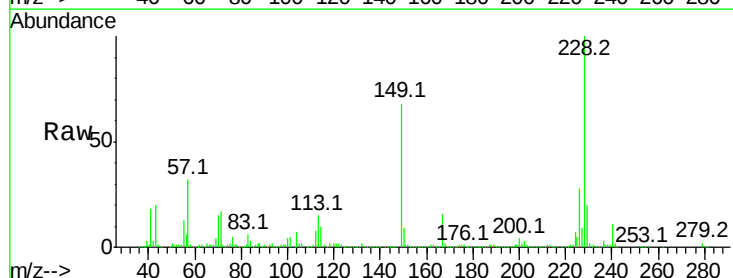
RT: 13.75 min Scan# 1064

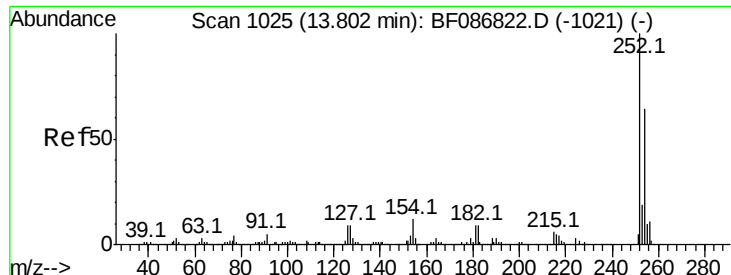
Delta R.T. 0.00 min

Lab File: BF086990.D

Acq: 14 May 2016 00:46

Tgt Ion:	228	Resp:	1067375
Ion Ratio	Lower	Upper	
228	100		
226	27.7	22.5	33.7
229	19.9	16.6	25.0





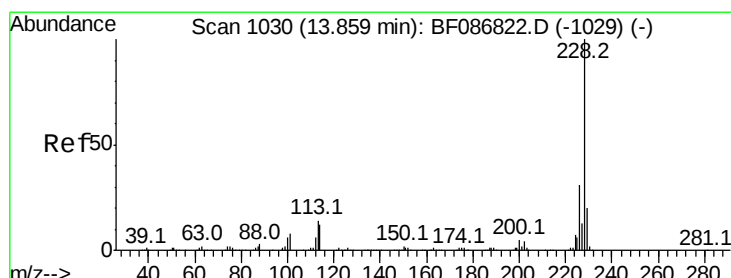
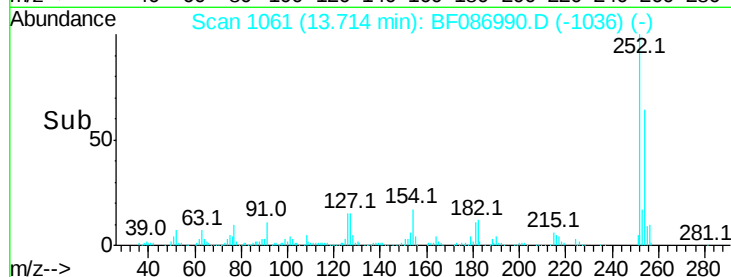
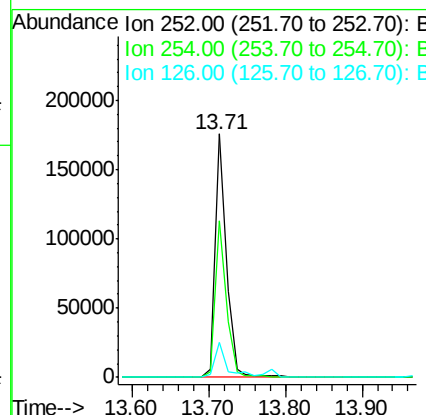
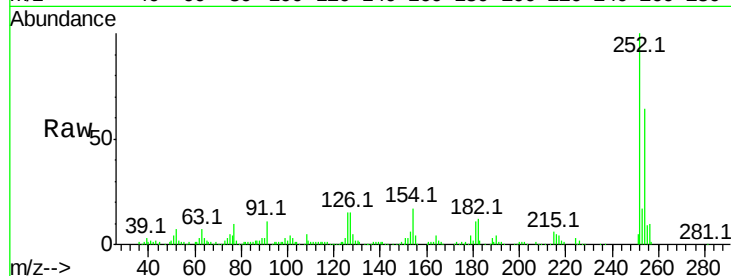
#81
 3,3'-Dichlorobenzidine
 Concen: 12.04 ng
 RT: 13.71 min Scan# 1061
 Delta R.T. -0.01 min
 Lab File: BF086990.D
 Acq: 14 May 2016 00:46

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-43-050616MS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	178399		
254	64.1	50.7	76.1	
126	14.6	12.7	19.1	

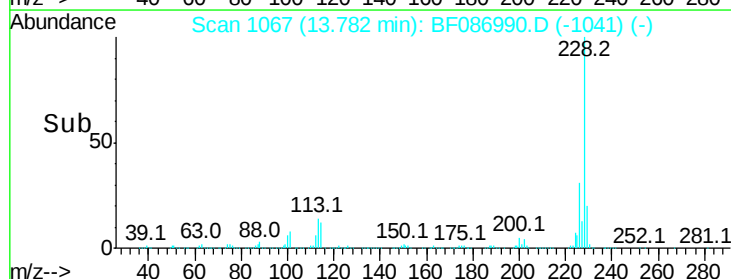
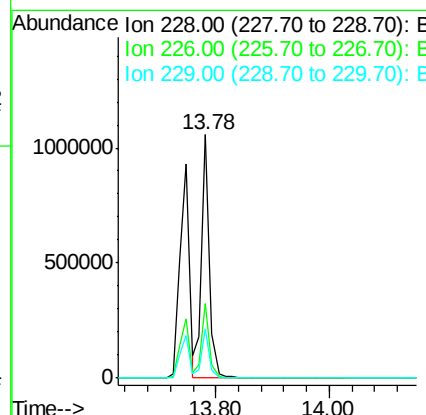
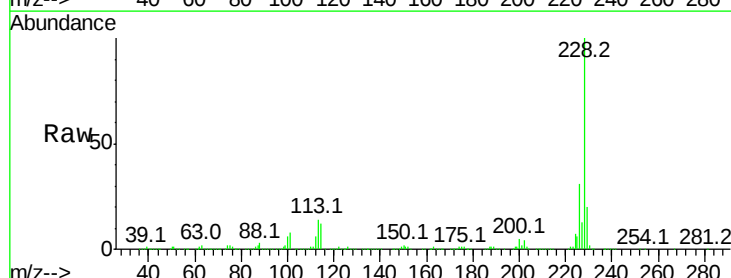
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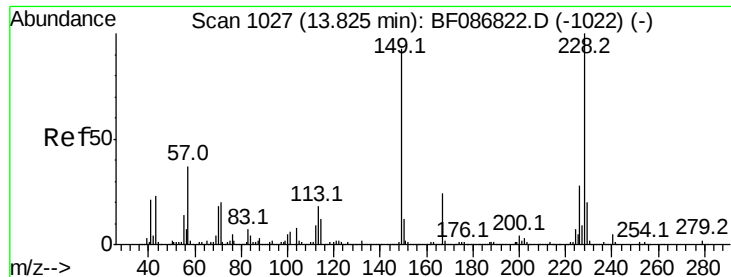
sohil
 5/14/2016 10:00:36 AM



#82
 Chrysene
 Concen: 42.79 ng
 RT: 13.78 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: BF086990.D
 Acq: 14 May 2016 00:46

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1014892		
226	30.9	24.4	36.6	
229	20.0	15.8	23.8	





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.99 ng

RT: 13.75 min Scan# 1064

Delta R.T. 0.00 min

Lab File: BF086990.D

Acq: 14 May 2016 00:46

Instrument :

BNA_F

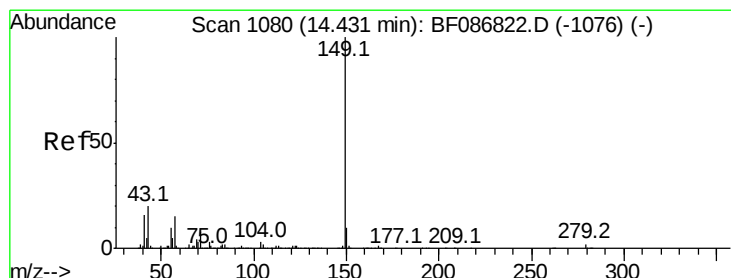
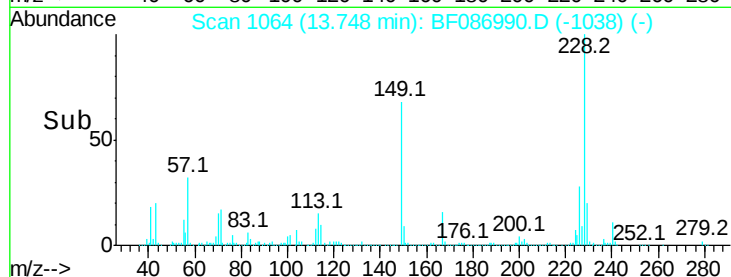
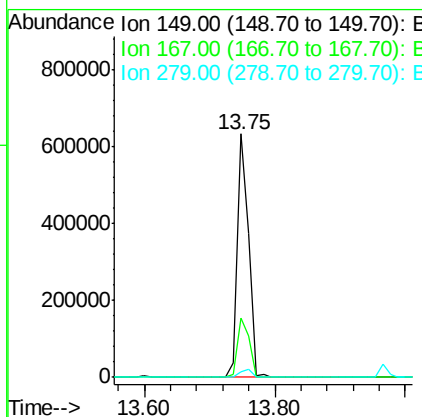
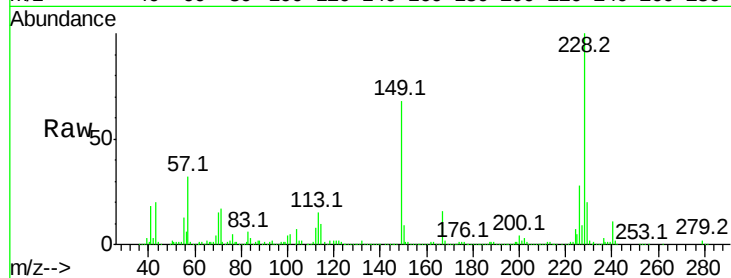
ClientSampleId :

HSR-WC-43-050616MS

Tot Ion:	149	Resp:	727960
Ion Ratio	Lower	Upper	
149	100		
167	24.1	21.8	32.6
279	2.2	2.6	4.0#

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 49.28 ng

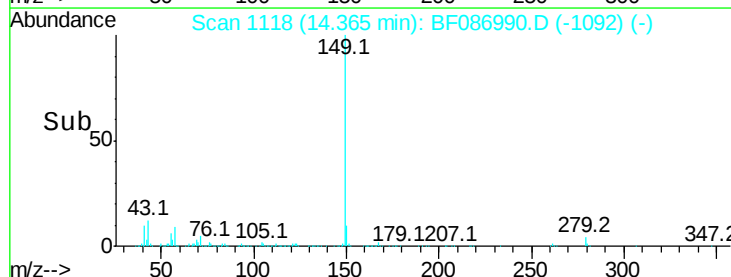
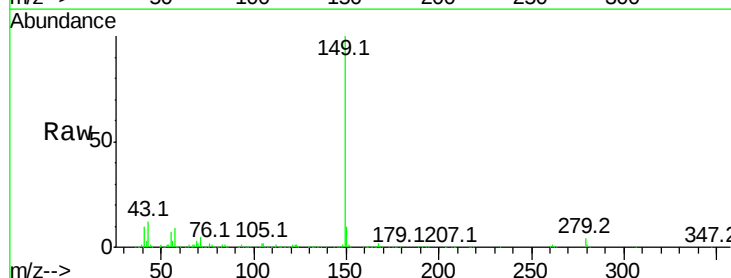
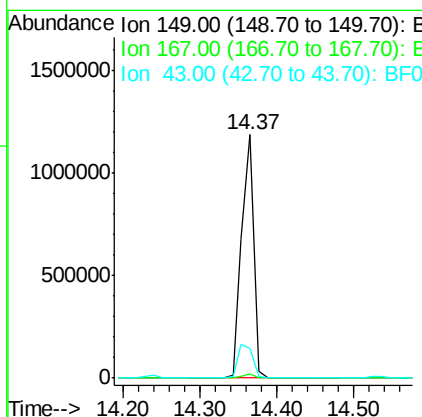
RT: 14.37 min Scan# 1118

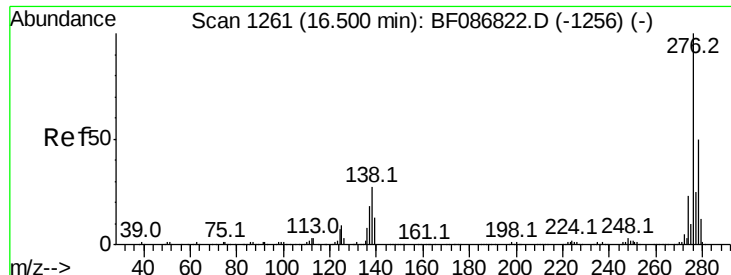
Delta R.T. 0.00 min

Lab File: BF086990.D

Acq: 14 May 2016 00:46

Tgt Ion:	149	Resp:	1320775
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	16.2	8.2	12.4#





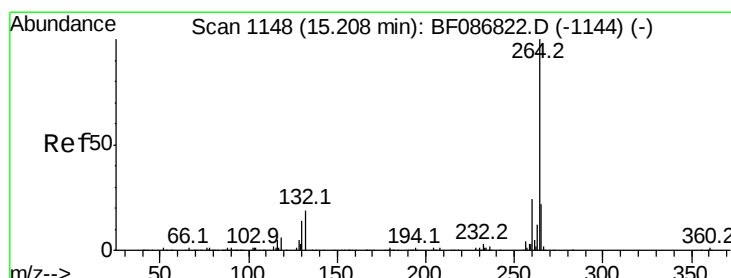
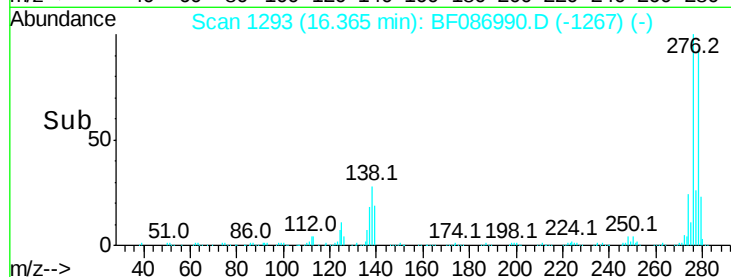
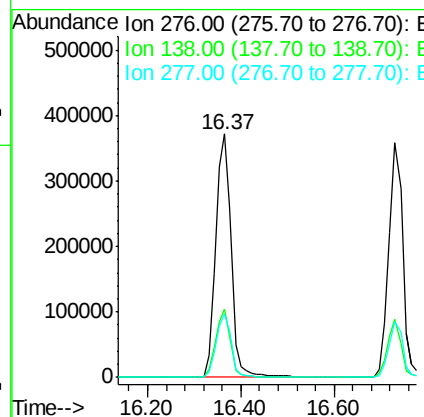
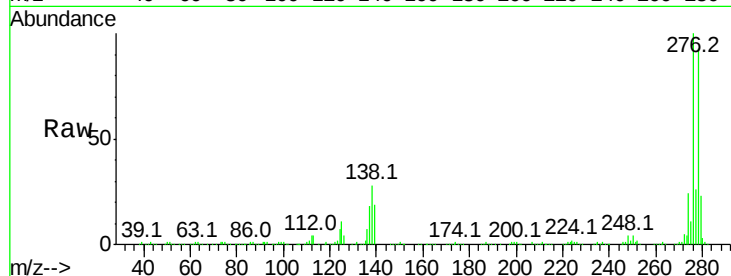
#85
Indeno(1,2,3-cd)pyrene
Concen: 43.74 ng
RT: 16.37 min Scan# 1293
Delta R.T. 0.00 min
Lab File: BF086990.D
Acq: 14 May 2016 00:46

Instrument :
BNA_F
ClientSampleId :
HSR-WC-43-050616MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.8	25.6	38.4
277	25.5	20.5	30.7

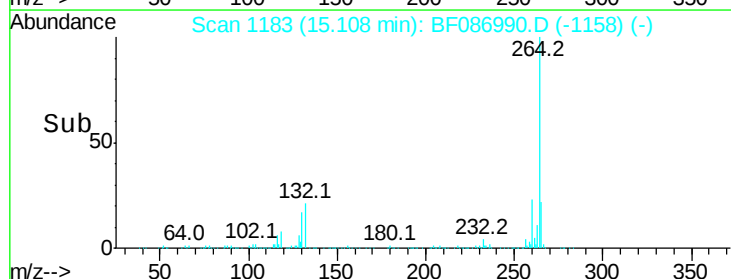
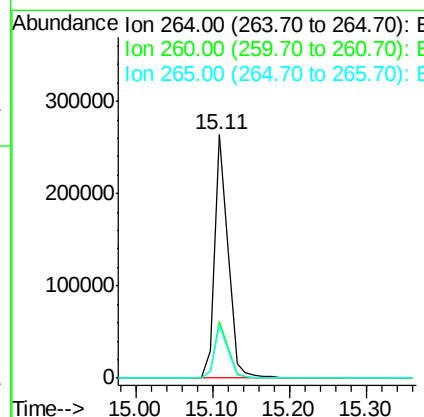
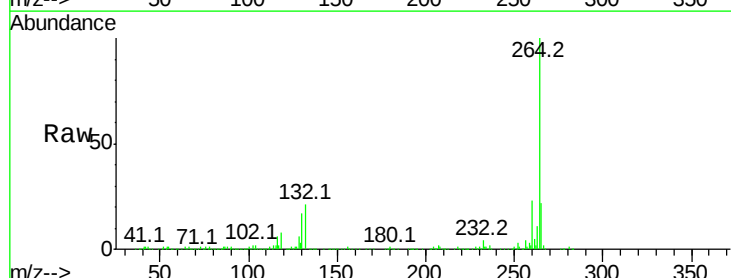
Manual Integrations
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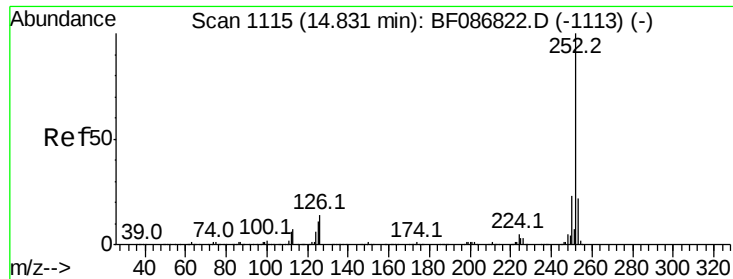
sohil
5/14/2016 10:00:36 AM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.11 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BF086990.D
Acq: 14 May 2016 00:46

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.5	29.3
265	21.8	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 59.45 ng m

RT: 14.74 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BF086990.D

Acq: 14 May 2016 00:46

Instrument :

BNA_F

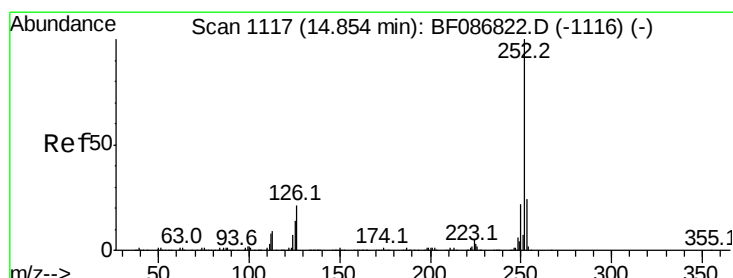
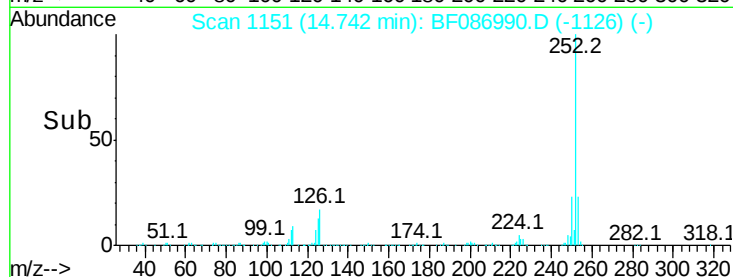
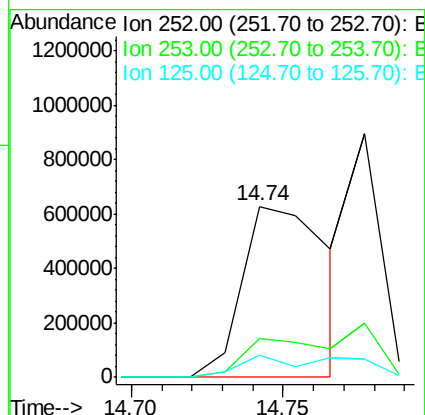
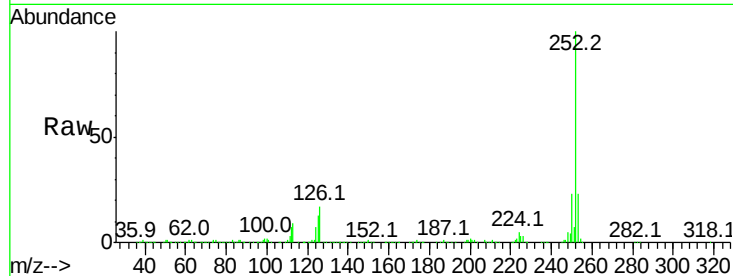
ClientSampleId :

HSR-WC-43-050616MS

Tot Ion:	252	Resp:	1224823
Ion Ratio	Lower	Upper	
252	100		
253	22.9	17.8	26.6
125	13.3	11.4	17.0

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 40.42 ng m

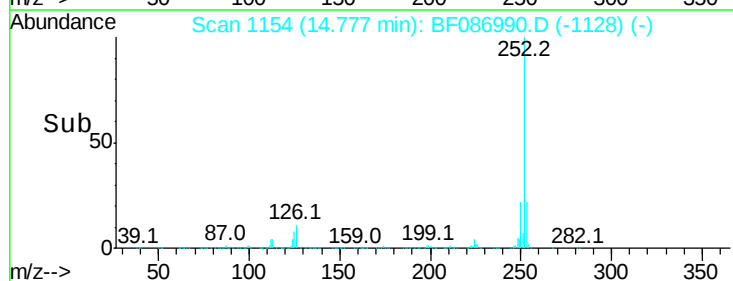
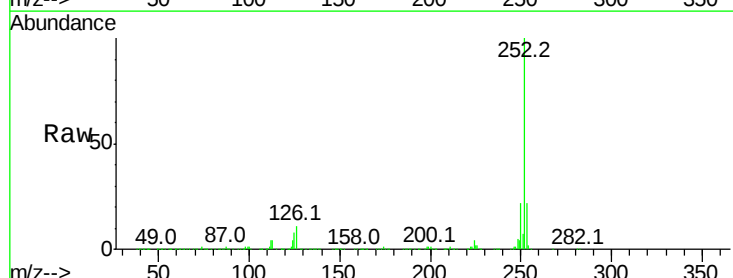
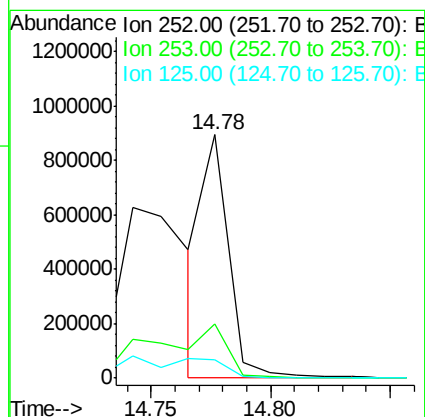
RT: 14.78 min Scan# 1154

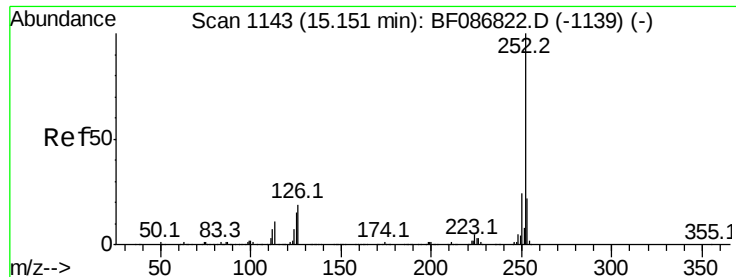
Delta R.T. 0.00 min

Lab File: BF086990.D

Acq: 14 May 2016 00:46

Tgt Ion:	252	Resp:	681889
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.8	26.6
125	7.6	9.1	13.7#





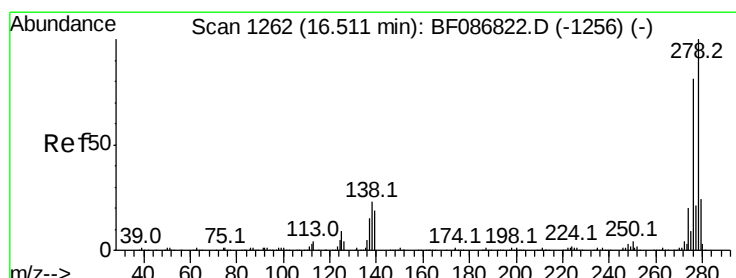
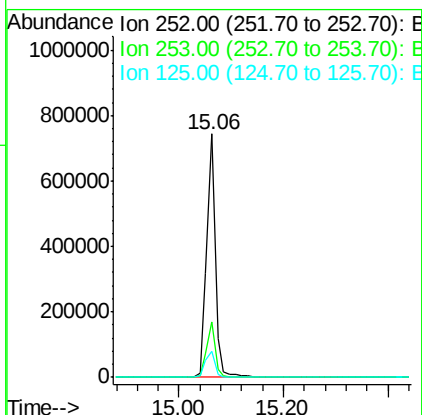
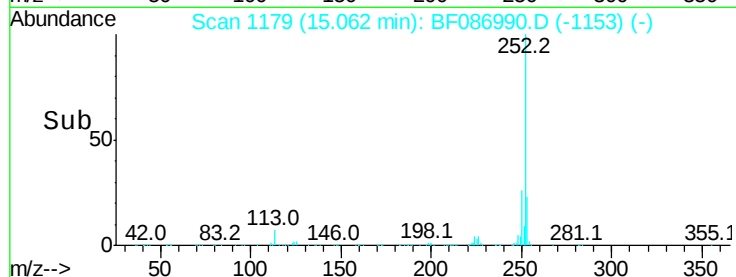
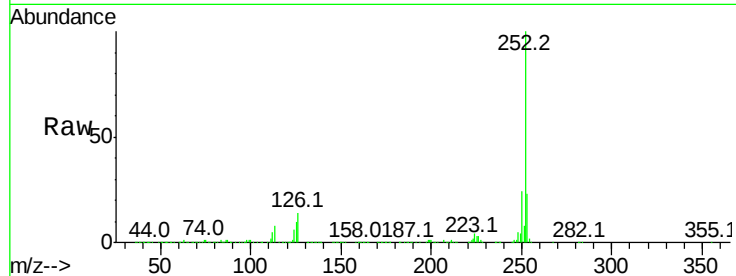
#89
Benzo(a)pyrene
Concen: 47.93 ng
RT: 15.06 min Scan# 1179
Delta R.T. 0.00 min
Lab File: BF086990.D
Acq: 14 May 2016 00:46

Instrument :
BNA_F
ClientSampleId :
HSR-WC-43-050616MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.2	25.8
125	10.5	9.0	13.6

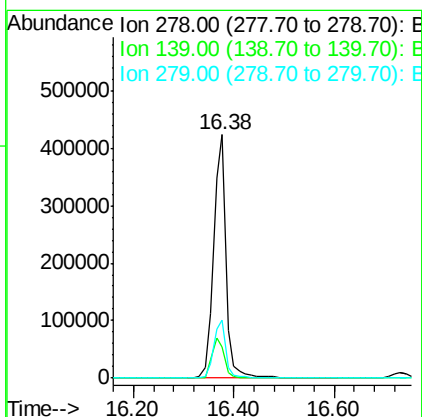
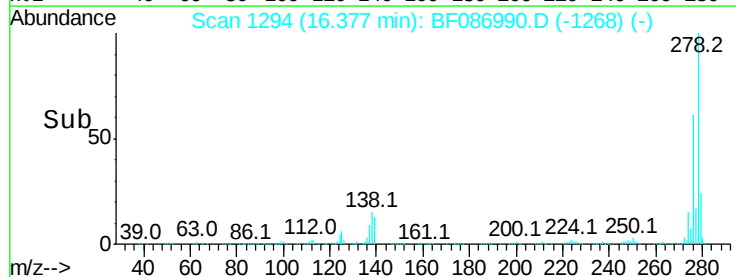
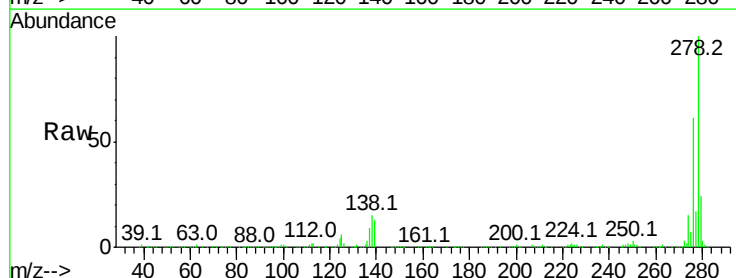
Manual Integrations
APPROVED

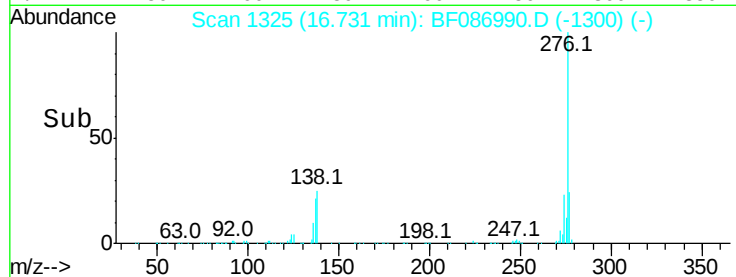
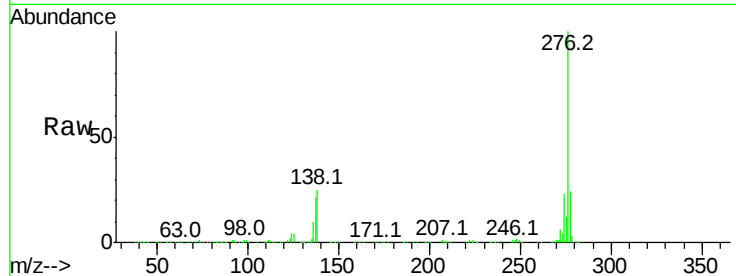
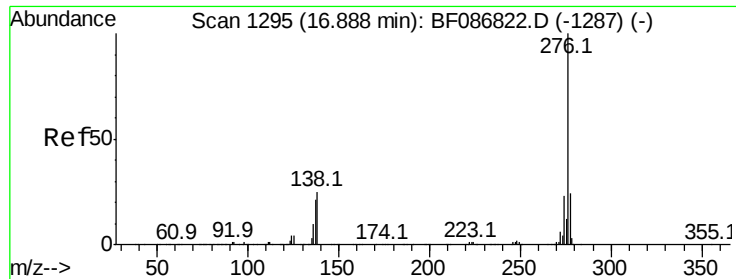
sohil
5/14/2016 10:00:36 AM



#90
Dibenzo(a,h)anthracene
Concen: 48.28 ng
RT: 16.38 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BF086990.D
Acq: 14 May 2016 00:46

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.8	16.6	24.8#
279	24.0	19.6	29.4





#91

Benzo(a,h,i)perylene

Concen: 48.84 ng

RT: 16.73 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF086990.D

Acq: 14 May 2016 00:46

Tot Ion:	276	Resp:	743247
Ion Ratio		Lower	Upper
276	100		
277	23.6	19.6	29.4
138	24.7	23.6	35.4

Instrument :

BNA_F

ClientSampleId :

HSR-WC-43-050616MS

Manual Integrations
APPROVED

sohil
5/14/2016 10:00:36 AM

