

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061416\
 Data File : BF088034.D
 Acq On : 15 Jun 2016 8:42
 Operator : UM/SJ
 Sample : H3446-01MS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-50-060616MS

Manual Integrations
 APPROVED

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 6/15/2016 6:41:00 PM

Quant Time: Jun 15 13:32:13 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 13 14:10:49 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	113773	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	441688	20.00	ng	-0.01
38) Acenaphthene-d10	9.83	164	204161	20.00	ng	-0.01
63) Phenanthrene-d10	11.30	188	309105	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	261887	20.00	ng	-0.01
86) Perylene-d12	15.35	264	206368	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.39	112	663346	99.67	ng	0.01
7) Phenol-d6	6.43	99	786855	97.56	ng	0.00
23) Nitrobenzene-d5	7.36	82	601139	79.47	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	177250	82.22	ng	-0.01
44) 2-Fluorobiphenyl	9.15	172	985087	75.16	ng	-0.01
78) Terphenyl-d14	12.89	244	732690	63.66	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.47	88	87637	27.10	ng	# 87
3) Pyridine	3.15	79	196255m	25.70	ng	
4) n-Nitrosodimethylamine	3.07	42	110004	34.02	ng	83
6) Aniline	6.44	93	198920	17.33	ng	# 1
8) 2-Chlorophenol	6.57	128	300642	38.17	ng	95
10) Phenol	6.44	94	322292	38.33	ng	82
11) bis(2-Chloroethyl)ether	6.52	93	293019	41.43	ng	90
12) 1,3-Dichlorobenzene	6.72	146	286628	33.91	ng	98
13) 1,4-Dichlorobenzene	6.80	146	290480	34.12	ng	98
14) 1,2-Dichlorobenzene	6.96	146	286844	37.05	ng	99
15) Benzyl Alcohol	6.94	79	238709	37.83	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	374323	39.18	ng	90
17) 2-Methylphenol	7.05	107	237840	37.23	ng	98
18) Hexachloroethane	7.29	117	96567	31.96	ng	# 80
19) n-Nitroso-di-n-propylamine	7.21	70	208645	40.44	ng	# 86
20) 3+4-Methylphenols	7.21	107	295524	39.65	ng	# 80
22) Acetophenone	7.20	105	391081	39.62	ng	# 95
24) Nitrobenzene	7.37	77	294687	40.22	ng	92
25) Isophorone	7.61	82	571377	40.78	ng	99
26) 2-Nitrophenol	7.69	139	169906	43.29	ng	# 81
27) 2,4-Dimethylphenol	7.74	122	301973	41.79	ng	97
28) bis(2-Chloroethoxy)methane	7.83	93	380102	43.74	ng	98
29) 2,4-Dichlorophenol	7.93	162	247711	41.06	ng	98
30) 1,2,4-Trichlorobenzene	8.01	180	247339	37.65	ng	99
31) Naphthalene	8.09	128	853173	39.03	ng	100
32) Benzoic acid	7.87	122	169567	42.61	ng	93
33) 4-Chloroaniline	8.15	127	95090	9.74	ng	# 94
34) Hexachlorobutadiene	8.22	225	138325	39.92	ng	99
35) Caprolactam	8.52	113	72400	36.23	ng	# 82
36) 4-Chloro-3-methylphenol	8.64	107	250548	38.83	ng	99
37) 2-Methylnaphthalene	8.79	142	597277	41.46	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	236764	44.33	ng	# 1
40) Hexachlorocyclopentadiene	8.94	237	41393	12.57	ng	99
42) 2,4,6-Trichlorophenol	9.07	196	179695	44.01	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.12	196	173084	40.75	nq	97
45) 1,1'-Biphenyl	9.26	154	726749	47.81	nq	96
46) 2-Chloronaphthalene	9.28	162	557904	42.23	nq	95
47) 2-Nitroaniline	9.37	65	144998	37.20	nq	91
48) Acenaphthylene	9.69	152	823988	39.21	nq	100
49) Dimethylphthalate	9.56	163	686469	46.42	nq	98
50) 2,6-Dinitrotoluene	9.62	165	159561	47.11	nq	99
51) Acenaphthene	9.86	154	514081	39.21	nq	98
52) 3-Nitroaniline	9.78	138	69771	17.85	nq	91
53) 2,4-Dinitrophenol	9.90	184	50865	33.33	nq	# 69
54) Dibenzofuran	10.03	168	714372	39.57	nq	92
55) 4-Nitrophenol	9.95	139	172308	56.80	nq	93
56) 2,4-Dinitrotoluene	10.02	165	172438	39.62	nq	# 73
57) Fluorene	10.38	166	536784	43.88	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.16	232	124557	37.31	nq	# 57
59) Diethylphthalate	10.26	149	665448	44.45	nq	96
60) 4-Chlorophenyl-phenylether	10.36	204	217435	36.22	nq	93
61) 4-Nitroaniline	10.40	138	131073	35.36	nq	98
62) Azobenzene	10.52	77	554889	37.48	nq	96
64) 4,6-Dinitro-2-methylphenol	10.43	198	39121	21.52	nq	# 56
65) n-Nitrosodiphenylamine	10.49	169	511837	49.90	nq	100
66) 4-Bromophenyl-phenylether	10.86	248	150093	45.26	nq	# 89
67) Hexachlorobenzene	10.92	284	159196	46.20	nq	# 79
68) Atrazine	11.02	200	80796	26.01	nq	92
69) Pentachlorophenol	11.12	266	159046	87.57	nq	98
70) Phenanthrene	11.34	178	764635	47.14	nq	99
71) Anthracene	11.38	178	673026	41.14	nq	99
72) Carbazole	11.54	167	712505	46.54	nq	99
73) Di-n-butylphthalate	11.87	149	843317	43.51	nq	100
74) Fluoranthene	12.51	202	660007	38.56	nq	97
76) Benzidine	12.64	184	171945	23.71	nq	98
77) Pyrene	12.74	202	668681	34.41	nq	99
79) Butylbenzylphthalate	13.37	149	367821	42.81	nq	96
80) Benzo(a)anthracene	13.93	228	589729	39.52	nq	100
81) 3,3'-Dichlorobenzidine	13.90	252	176742	44.04	nq	# 97
82) Chrysene	13.97	228	564369	40.20	nq	99
83) Bis(2-ethylhexyl)phthalate	13.93	149	429276	41.04	nq	100
84) Di-n-octyl phthalate	14.54	149	863494	50.81	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.71	276	469941	36.03	nq	# 100
87) Benzo(b)fluoranthene	14.95	252	734986m	51.10	nq	
88) Benzo(k)fluoranthene	14.98	252	385455m	35.52	nq	
89) Benzo(a)pyrene	15.29	252	498901	42.87	nq	98
90) Dibenzo(a,h)anthracene	16.72	278	397256	36.75	nq	99
91) Benzo(q,h,i)perylene	17.11	276	392436	35.30	nq	98

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

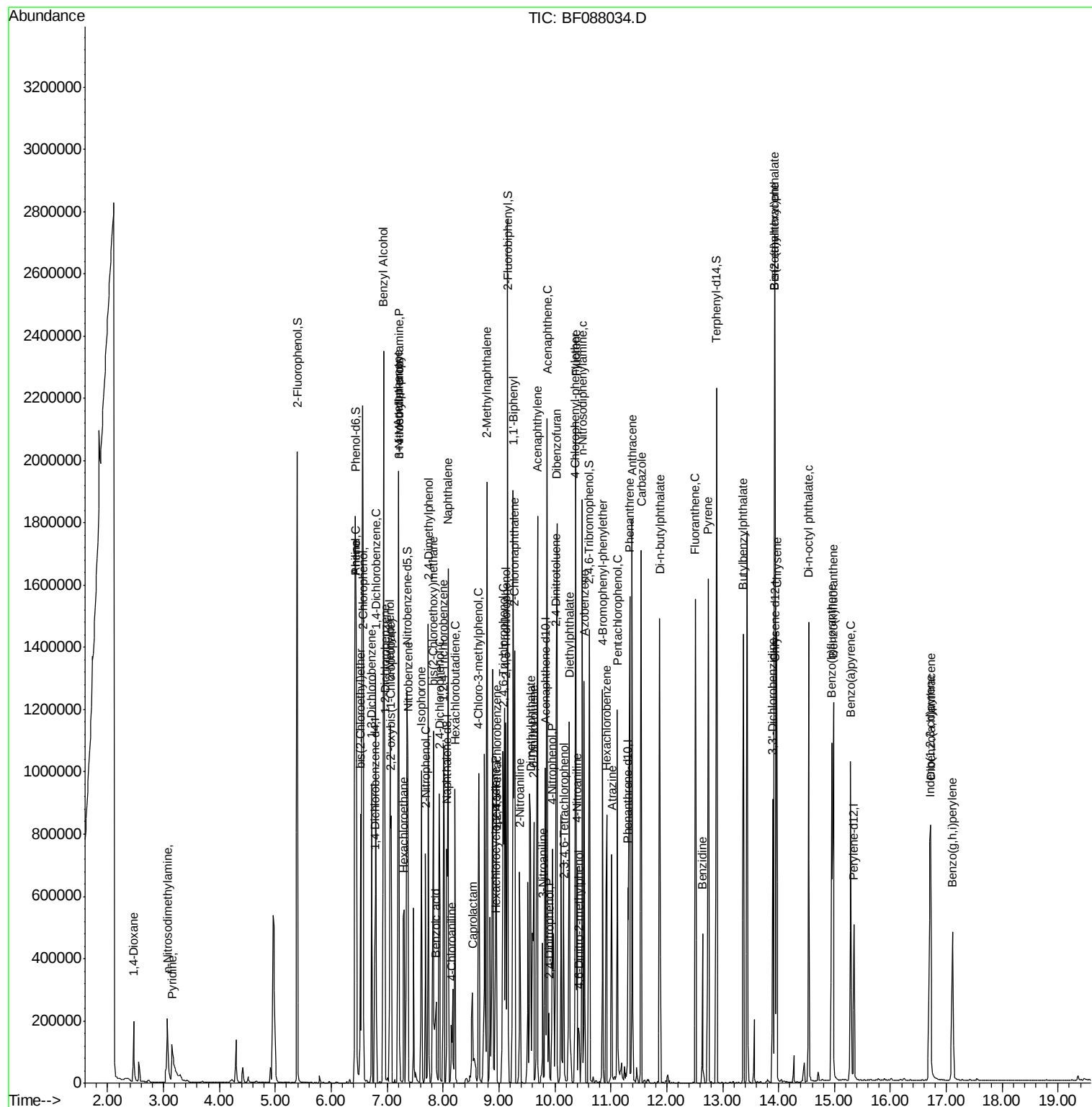
Data Path : Z:\HPCHEM1\BNA F\DATA\BF061416\
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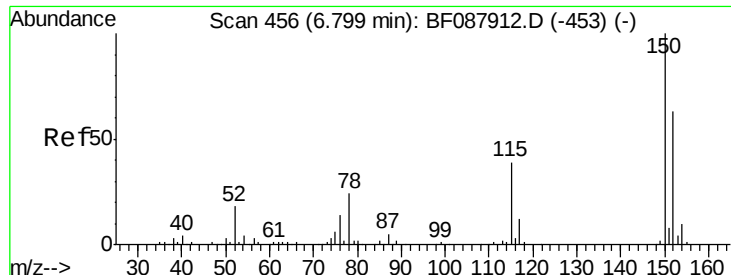
Instrument :
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HSR-WC-50-060616MS

Manual Integrations
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#1

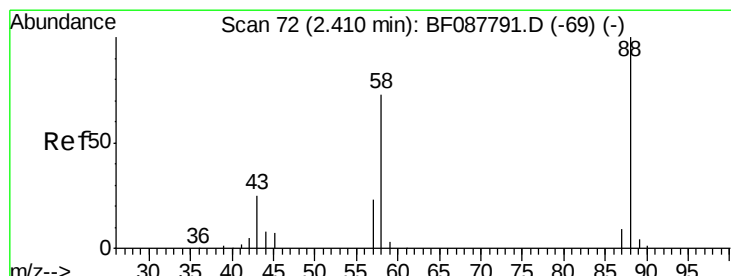
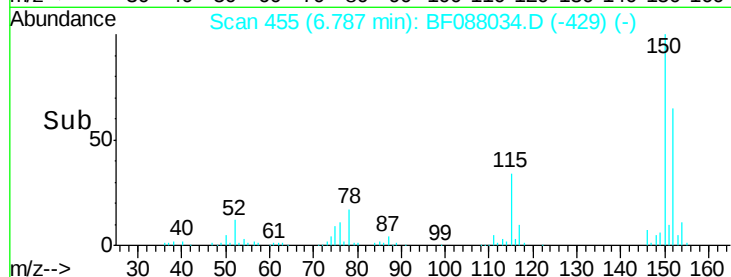
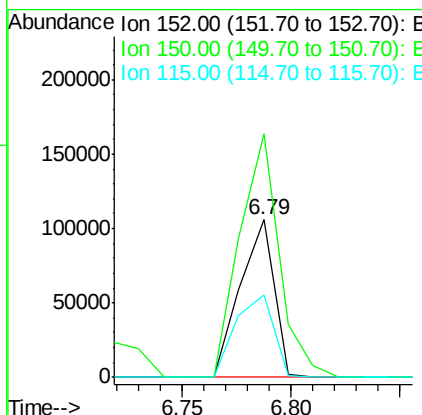
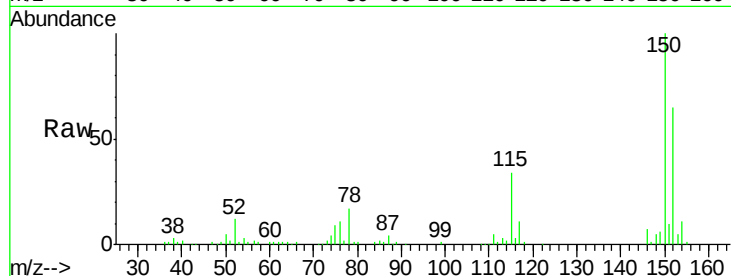
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 455
Delta R.T. -0.00 min
Lab File: BF088034.D
Acq: 15 Jun 2016 8:42

Instrument :
BNA_F
ClientSampleId :
HSR-WC-50-060616MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.6	123.8	185.6
115	52.4	39.6	59.4

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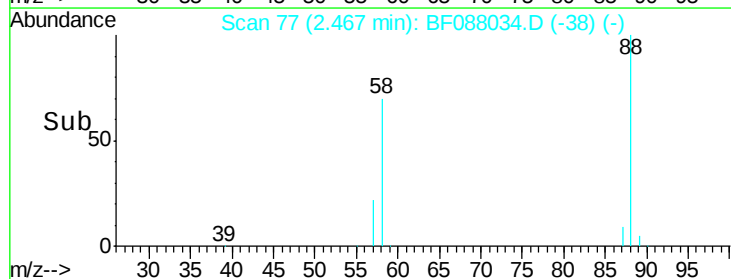
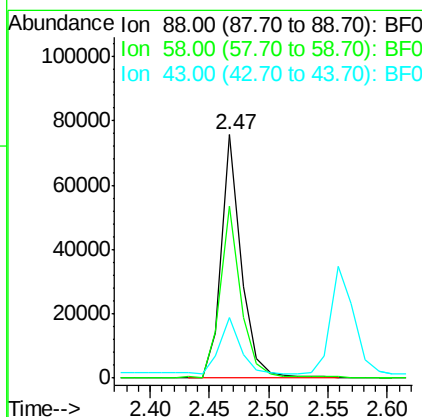
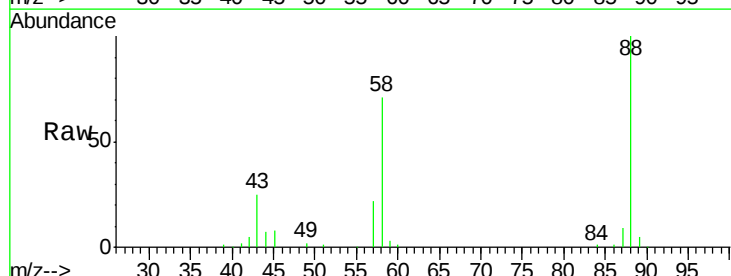
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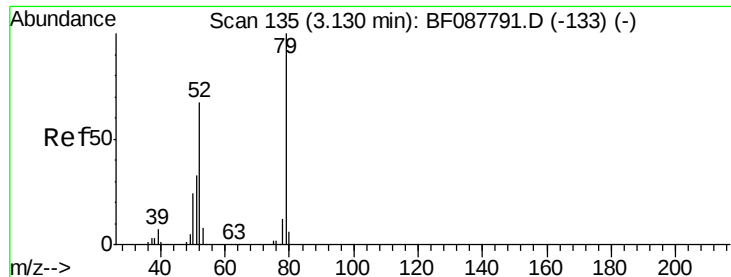


#2

1,4-Dioxane
Concen: 27.10 ng
RT: 2.47 min Scan# 77
Delta R.T. 0.15 min
Lab File: BF088034.D
Acq: 15 Jun 2016 8:42

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.6	0.0	0.0#
43	0.0	3.4	5.2#





#3

Pvridine

Concen: 25.70 ng/ml

RT: 3.15 min Scan# 137

Delta R.T. 0.13 min

Lab File: BF088034.D

Acq: 15 Jun 2016 8:42

Instrument :

BNA_F

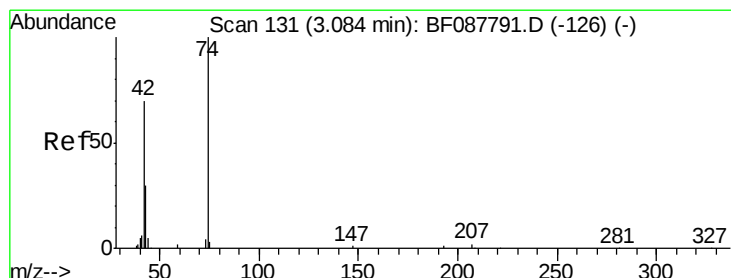
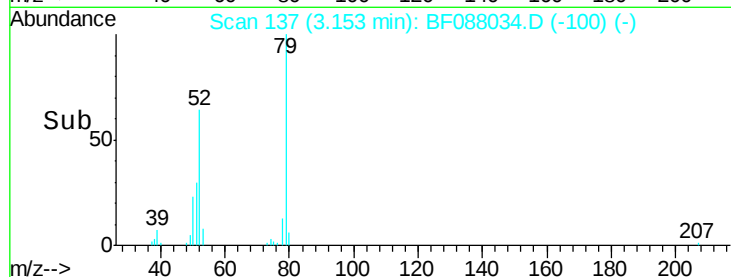
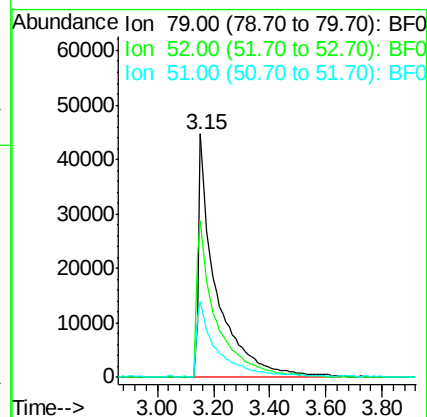
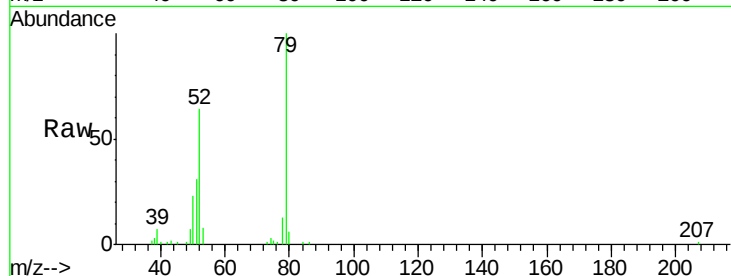
ClientSampleId :

HSR-WC-50-060616MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		196255		
52	64.5	56.3	84.5		
51	31.1	27.4	41.2		

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 34.02 ng/ml

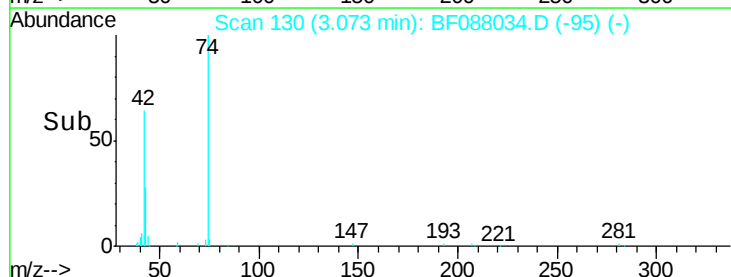
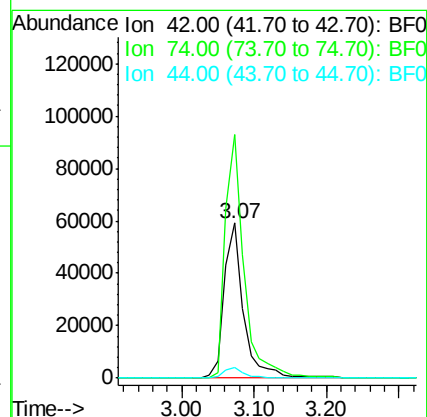
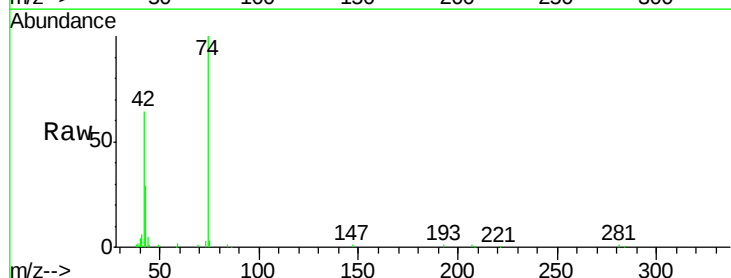
RT: 3.07 min Scan# 130

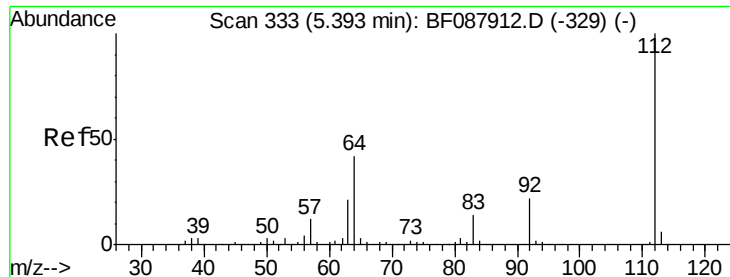
Delta R.T. 0.10 min

Lab File: BF088034.D

Acq: 15 Jun 2016 8:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		110004		
74	157.0	108.6	163.0		
44	7.1	5.5	8.3		





#5

2-Fluorophenol

Concen: 99.67 ng

RT: 5.39 min Scan# 333

Delta R.T. 0.01 min

Lab File: BF088034.D

Acq: 15 Jun 2016 8:42

Instrument :

BNA_F

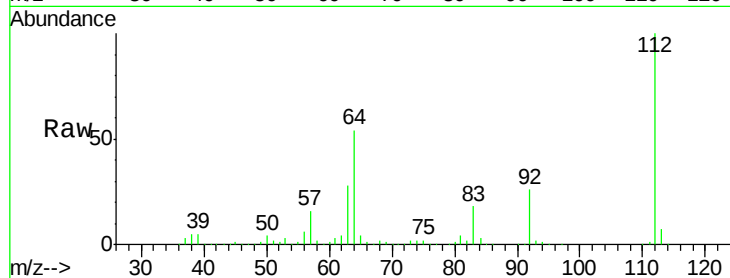
ClientSampleId :

HSR-WC-50-060616MS

Tot Ion:	112	Resp:	663346
Ion Ratio	Lower	Upper	
112	100		
64	54.1	42.2	63.2
63	27.8	21.8	32.8

Manual Integrations
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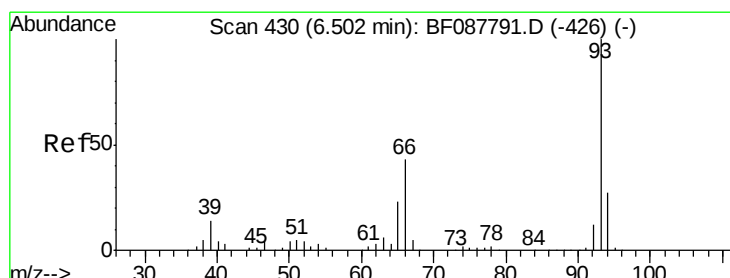
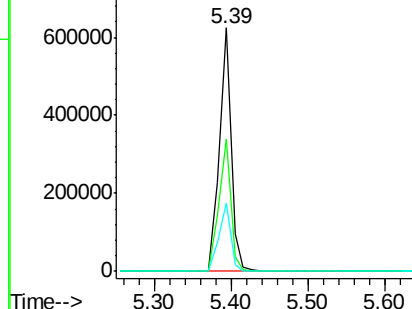
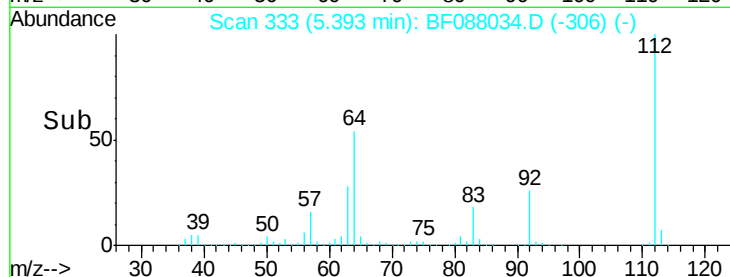
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 17.33 ng

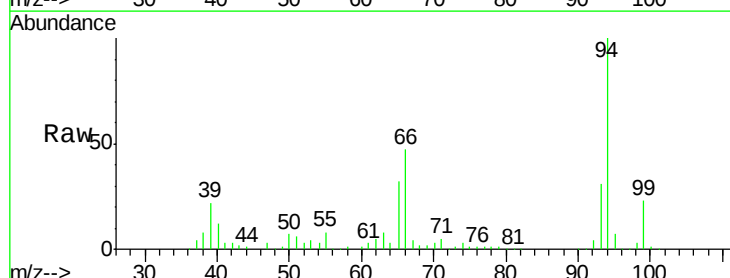
RT: 6.44 min Scan# 425

Delta R.T. -0.01 min

Lab File: BF088034.D

Acq: 15 Jun 2016 8:42

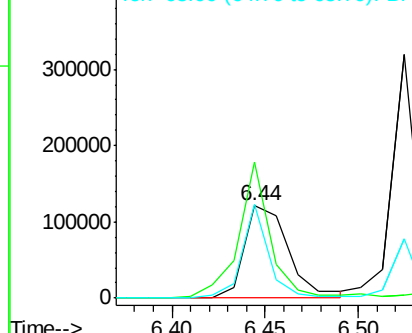
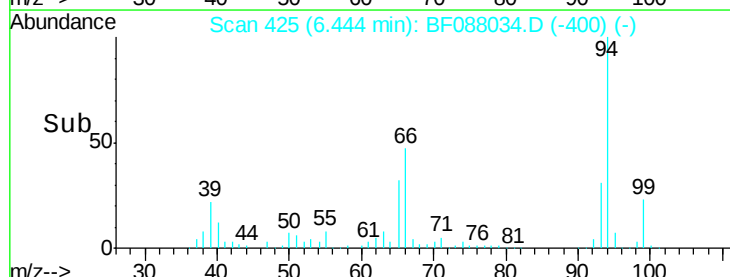
Tgt Ion:	93	Resp:	198920
Ion Ratio	Lower	Upper	
93	100		
66	148.4	29.8	44.8#
65	102.4	14.9	22.3#

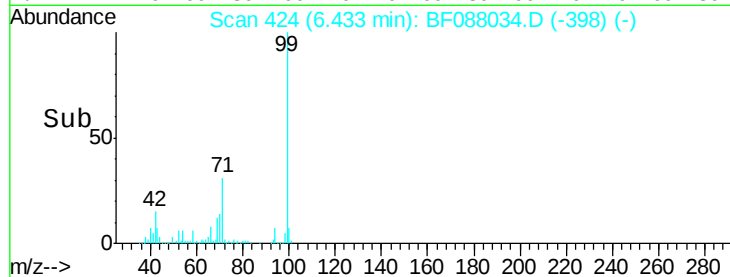
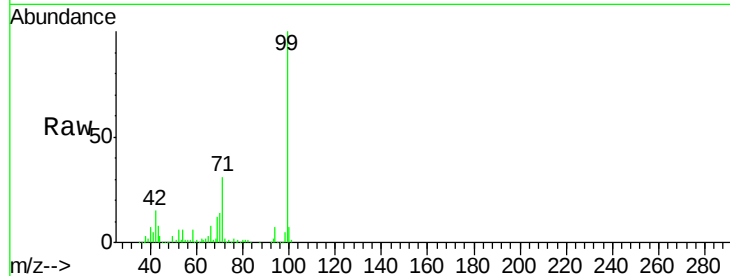
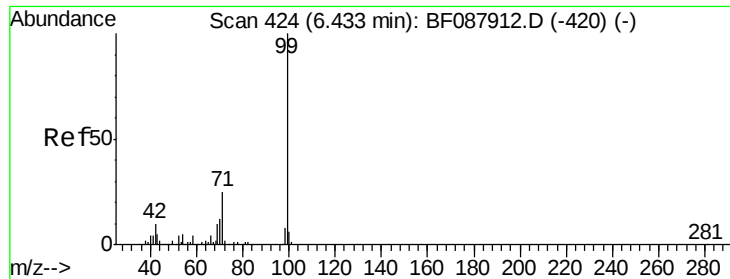


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 97.56 ng

RT: 6.43 min Scan# 424

Delta R.T. -0.00 min

Lab File: BF088034.D

Acq: 15 Jun 2016 8:42

Tot Ion:	99	Resp:	786855
Ion Ratio	Lower	Upper	
99	100		
42	14.9	12.2	18.2
71	31.4	23.4	35.0

Instrument :

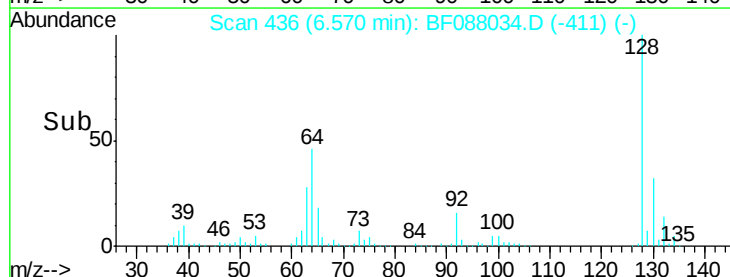
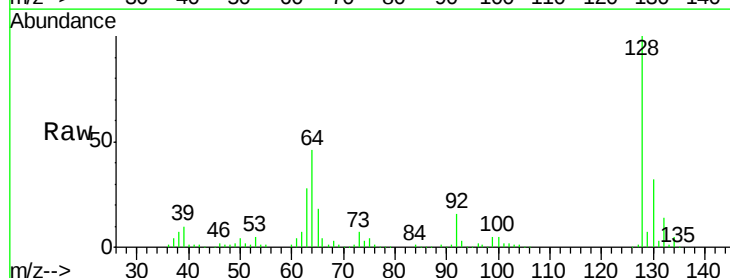
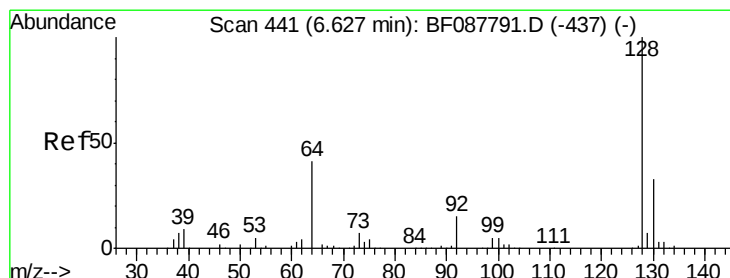
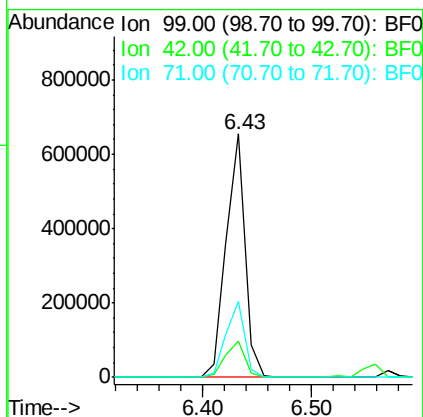
BNA_F

ClientSampleId :

HSR-WC-50-060616MS

Manual Integrations
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#8

2-Chlorophenol

Concen: 38.17 ng

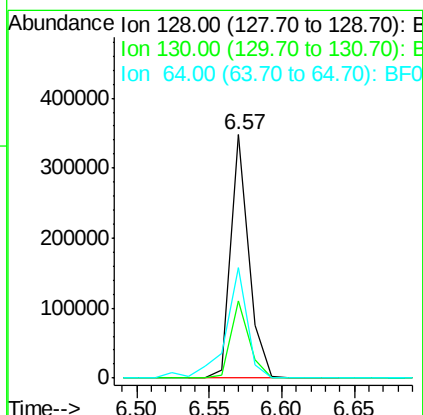
RT: 6.57 min Scan# 436

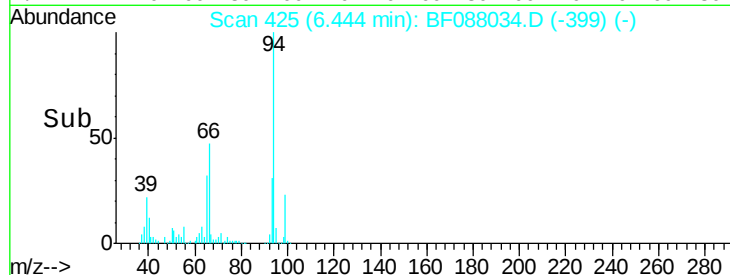
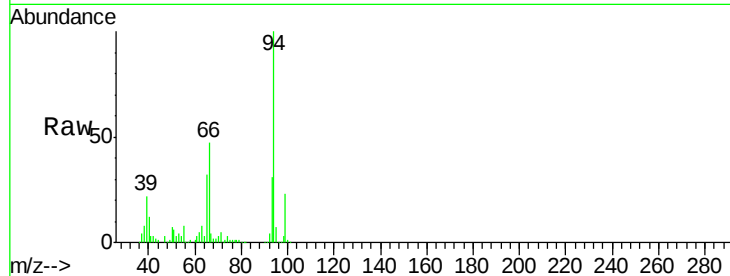
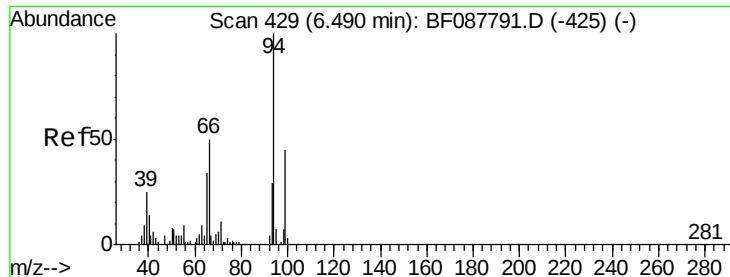
Delta R.T. -0.01 min

Lab File: BF088034.D

Acq: 15 Jun 2016 8:42

Tgt Ion:	128	Resp:	300642
Ion Ratio	Lower	Upper	
128	100		
130	31.9	12.0	52.0
64	45.6	30.8	70.8





#10

Phenol

Concen: 38.33 ng

RT: 6.44 min Scan# 425

Delta R.T. -0.00 min

Lab File: BF088034.D

Acq: 15 Jun 2016 8:42

Tot Ion:	94	Resp:	322292
Ion Ratio	Lower	Upper	
94	100		
65	32.1	5.9	45.9
66	46.6	14.0	54.0

Instrument :

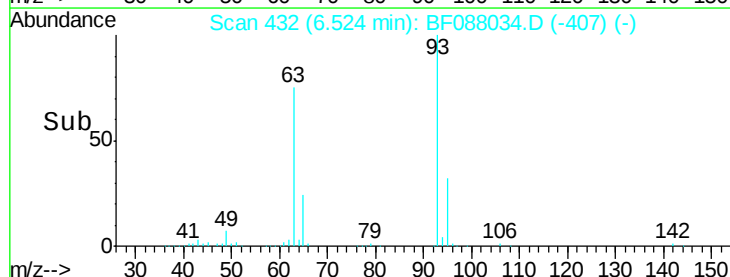
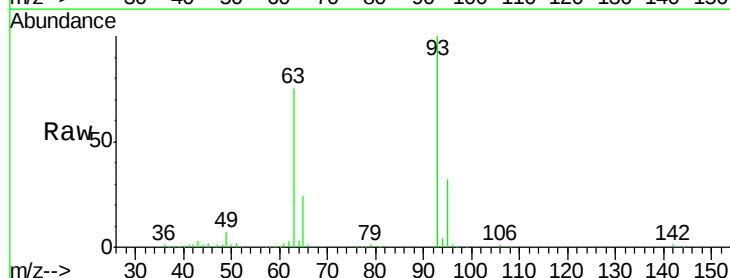
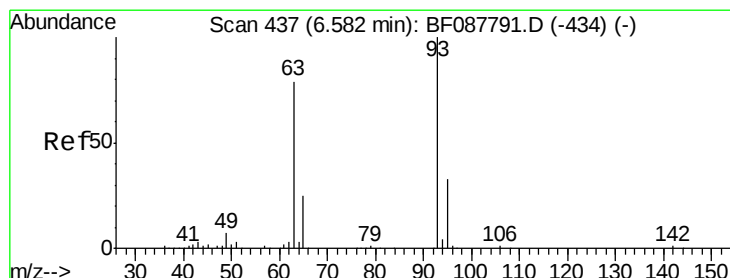
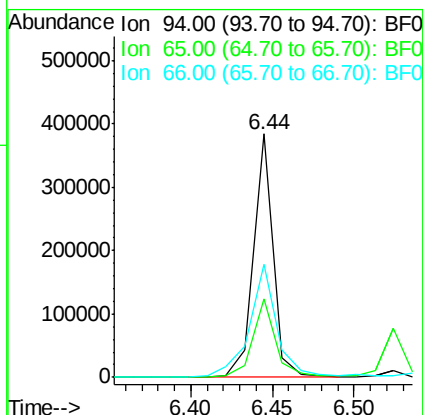
BNA_F

ClientSampleId :

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#11

bis(2-Chloroethyl)ether

Concen: 41.43 ng

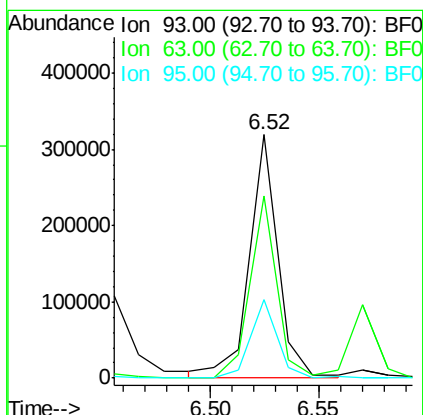
RT: 6.52 min Scan# 432

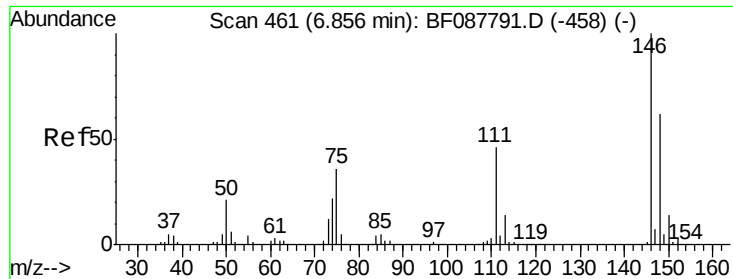
Delta R.T. -0.01 min

Lab File: BF088034.D

Acq: 15 Jun 2016 8:42

Tgt Ion:	93	Resp:	293019
Ion Ratio	Lower	Upper	
93	100		
63	75.0	67.6	107.6
95	32.4	12.5	52.5





#12

1,3-Dichlorobenzene

Concen: 33.91 ng

RT: 6.72 min Scan# 449

Delta R.T. -0.01 min

Lab File: BF088034.D

Acq: 15 Jun 2016 8:42

Instrument :

BNA_F

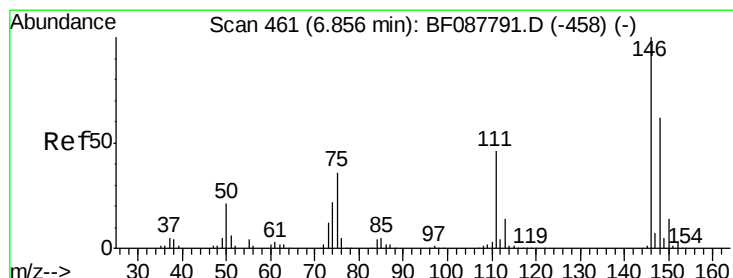
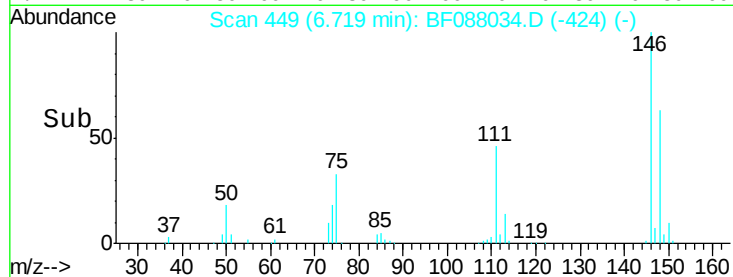
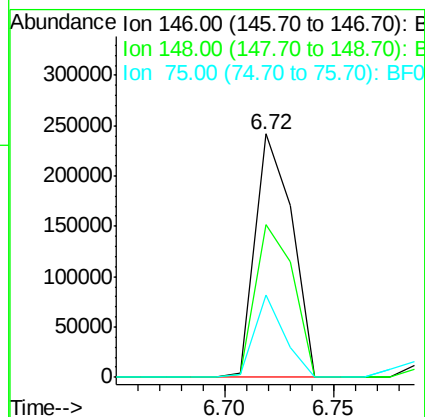
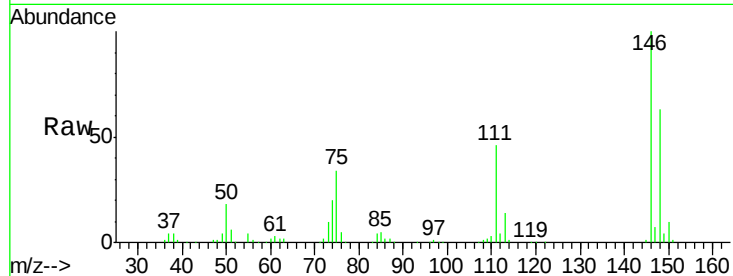
ClientSampleId :

HSR-WC-50-060616MS

Tot Ion:	146	Resp:	286628
Ion Ratio	Lower	Upper	
146	100		
148	62.6	50.9	76.3
75	33.7	25.6	38.4

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#13

1,4-Dichlorobenzene

Concen: 34.12 ng

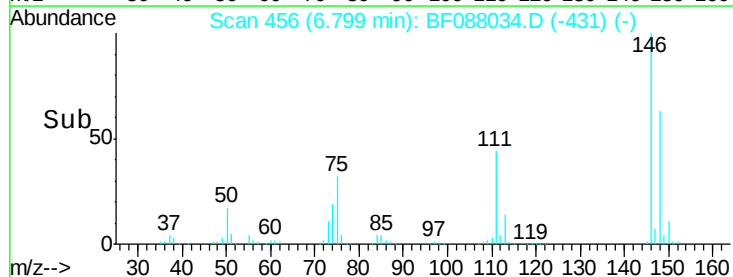
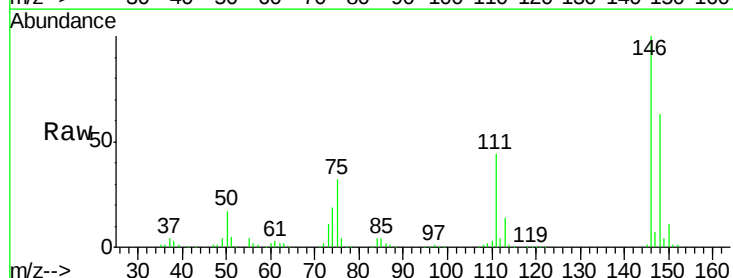
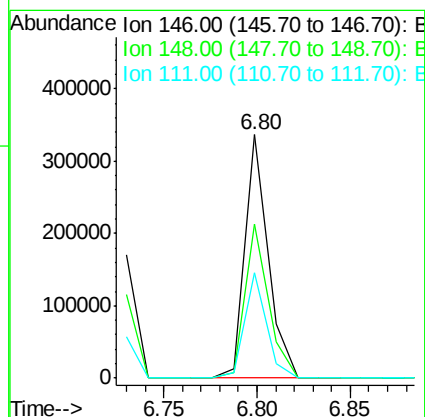
RT: 6.80 min Scan# 456

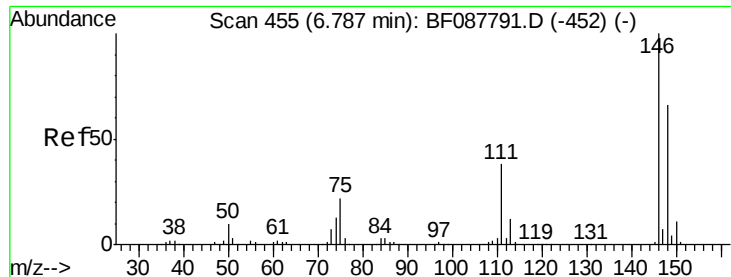
Delta R.T. -0.01 min

Lab File: BF088034.D

Acq: 15 Jun 2016 8:42

Tgt Ion:	146	Resp:	290480
Ion Ratio	Lower	Upper	
146	100		
148	63.0	52.0	78.0
111	43.5	33.8	50.8





#14

1,2-Dichlorobenzene

Concen: 37.05 ng

RT: 6.96 min Scan# 470

Delta R.T. -0.01 min

Lab File: BF088034.D

Acq: 15 Jun 2016 8:42

Instrument :

BNA_F

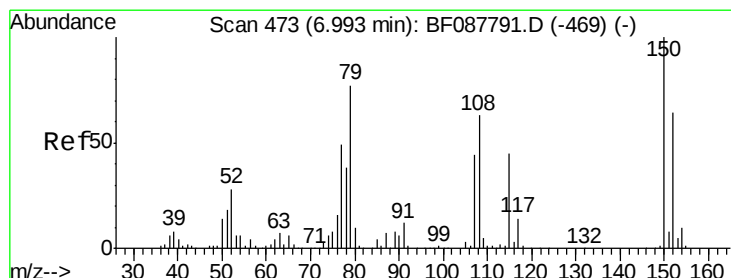
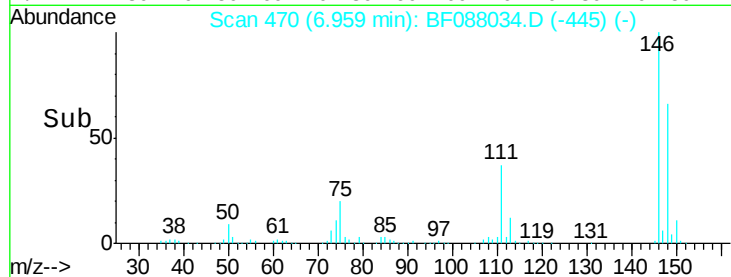
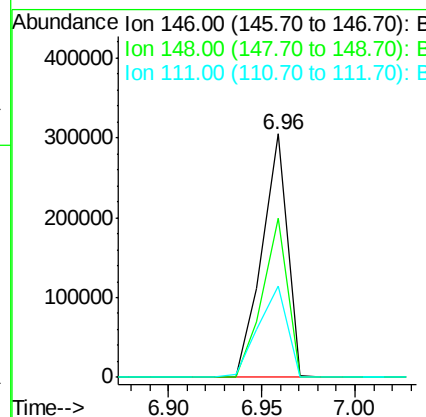
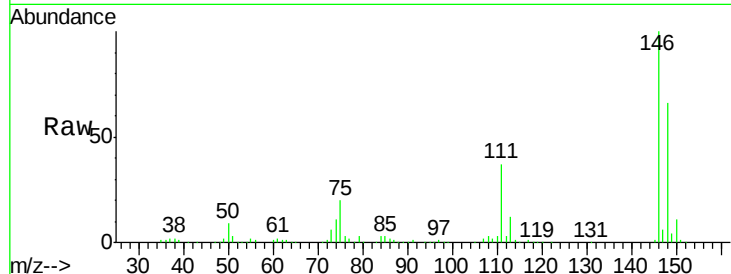
ClientSampleId :

HSR-WC-50-060616MS

Tot Ion:	146	Resp:	286844
Ion Ratio	Lower	Upper	
146	100		
148	65.5	52.3	78.5
111	37.3	28.7	43.1

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#15

Benzyl Alcohol

Concen: 37.83 ng

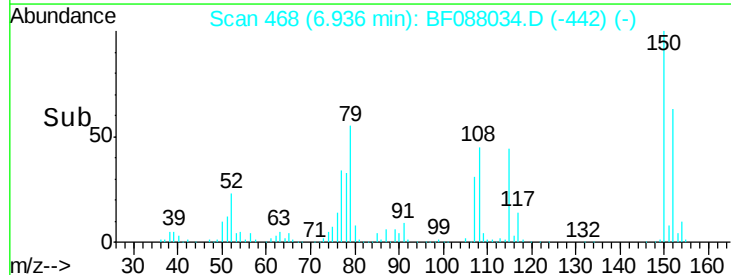
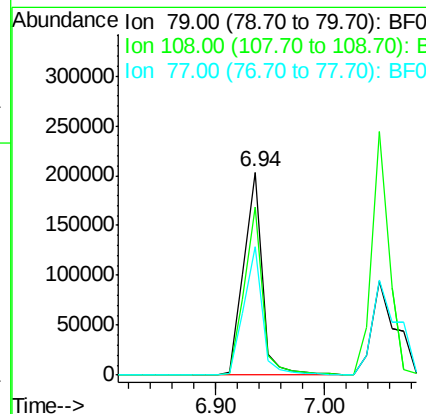
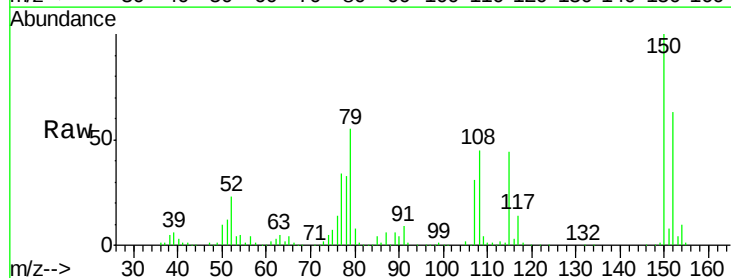
RT: 6.94 min Scan# 468

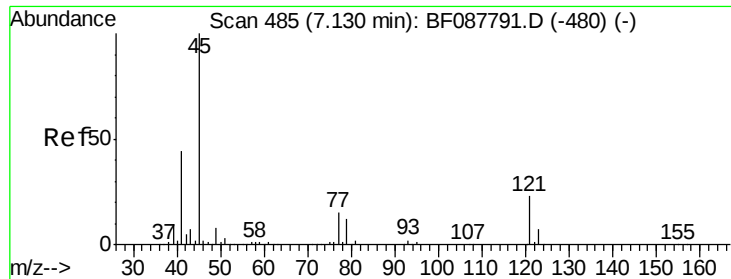
Delta R.T. -0.00 min

Lab File: BF088034.D

Acq: 15 Jun 2016 8:42

Tgt Ion:	79	Resp:	238709
Ion Ratio	Lower	Upper	
79	100		
108	82.6	65.0	97.6
77	63.0	50.3	75.5





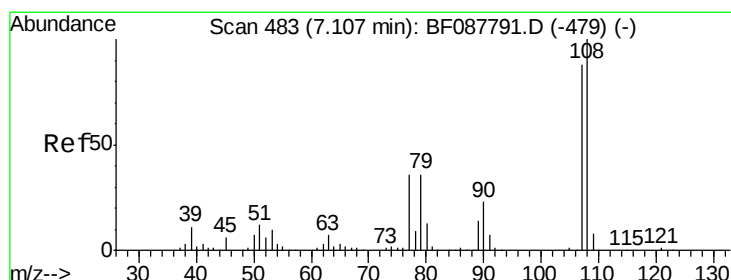
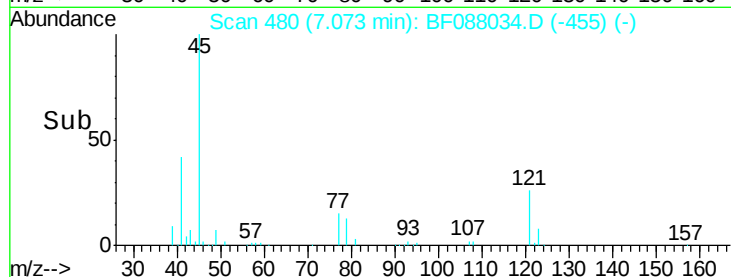
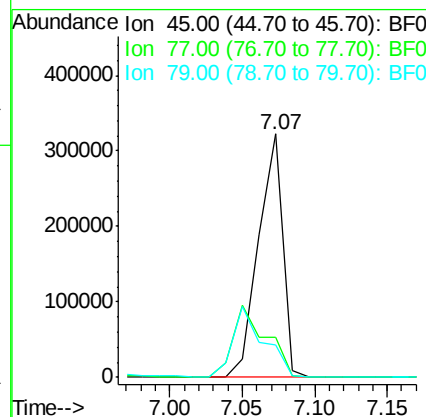
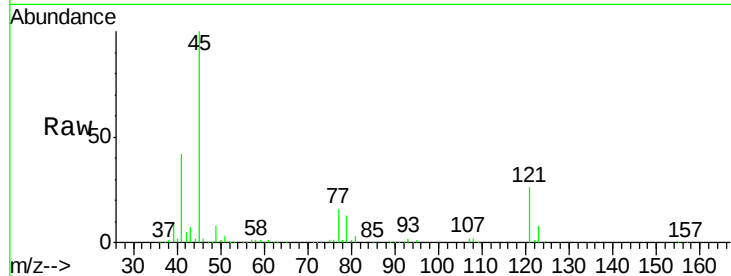
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 39.18 ng
RT: 7.07 min Scan# 480
Delta R.T. -0.01 min
Lab File: BF088034.D
Acq: 15 Jun 2016 8:42

Instrument :
BNA_F
ClientSampleId :
HSR-WC-50-060616MS

Tot Ion	Ratio	Resp	Lower	Upper
45	100	374323		
77	16.4	0.0	32.5	
79	13.5	0.0	29.5	

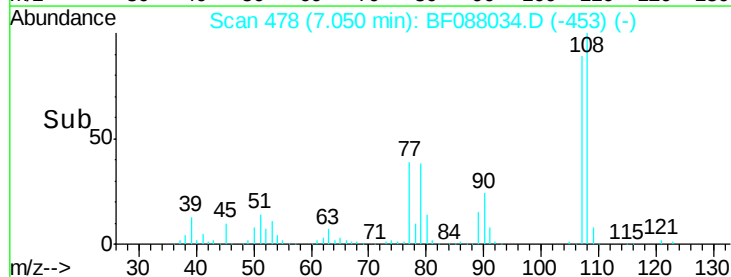
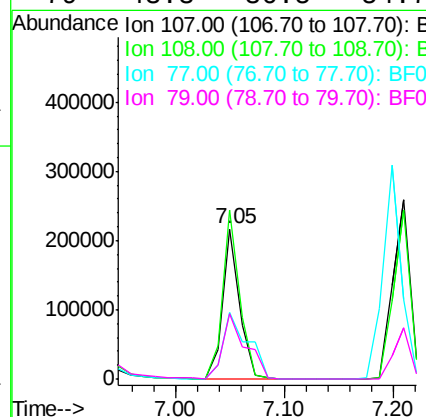
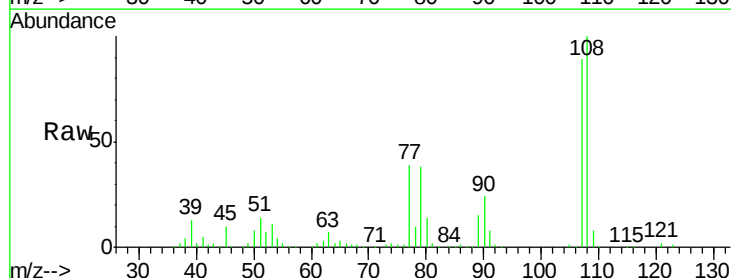
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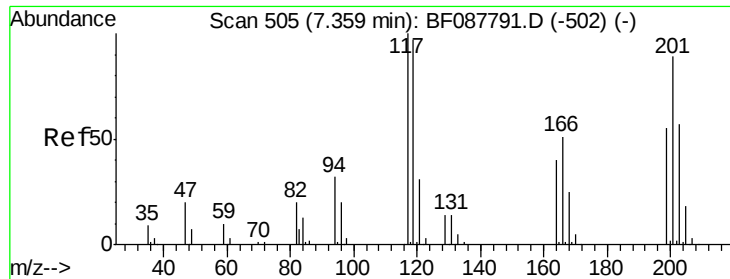
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#17
2-Methylphenol
Concen: 37.23 ng
RT: 7.05 min Scan# 478
Delta R.T. -0.01 min
Lab File: BF088034.D
Acq: 15 Jun 2016 8:42

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	237840		
108	112.6	90.9	136.3	
77	44.0	36.6	55.0	
79	43.3	36.5	54.7	





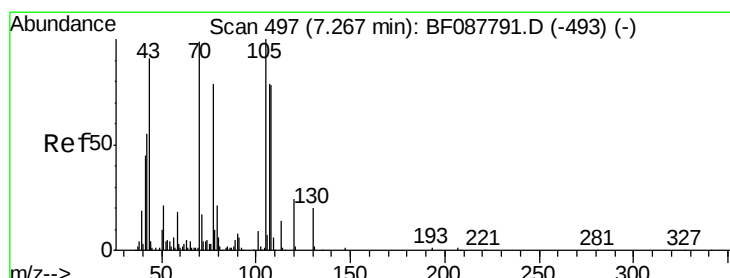
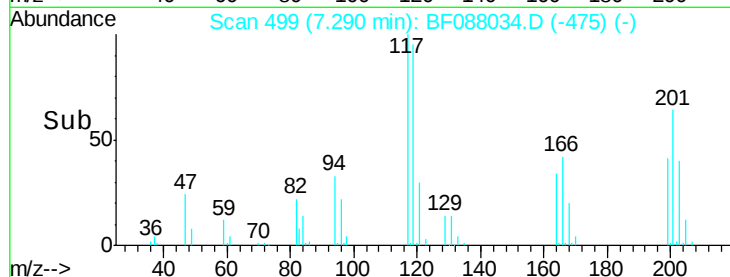
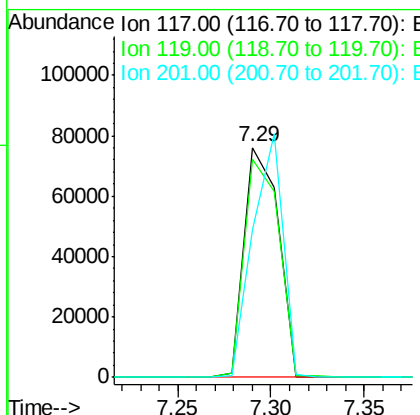
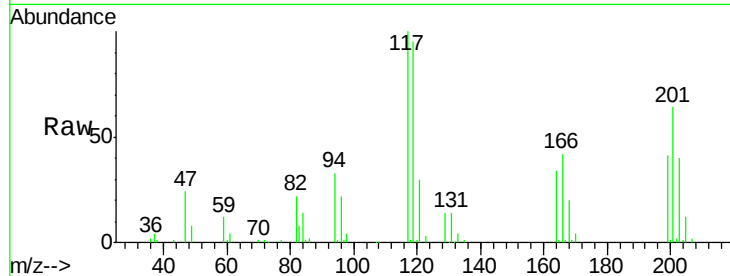
#18
Hexachloroethane
Concen: 31.96 ng
RT: 7.29 min Scan# 499
Delta R.T. -0.02 min
Lab File: BF088034.D
Acq: 15 Jun 2016 8:42

Instrument :
BNA_F
ClientSampleId :
HSR-WC-50-060616MS

Tot Ion	Ratio	Resp	Lower	Upper
117	100	96567		
119	94.9	77.4	116.2	
201	63.9	80.4	120.6	

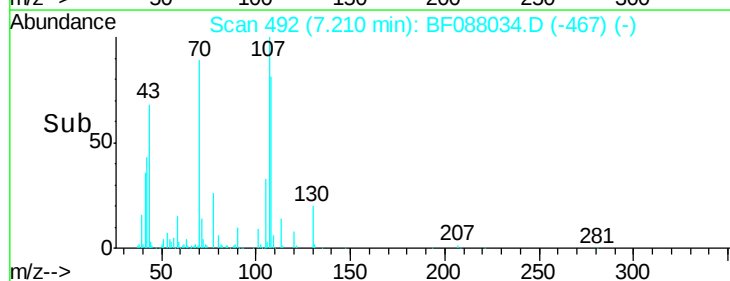
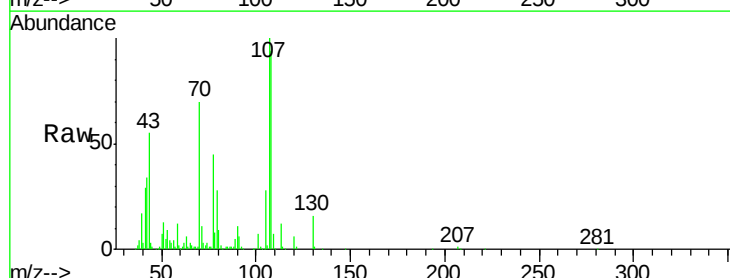
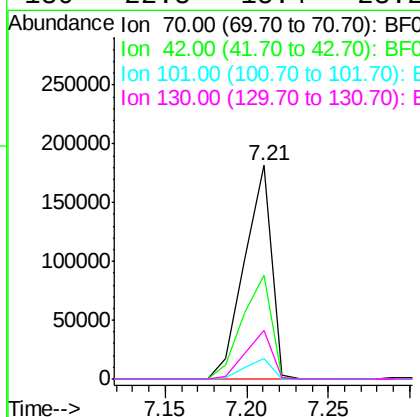
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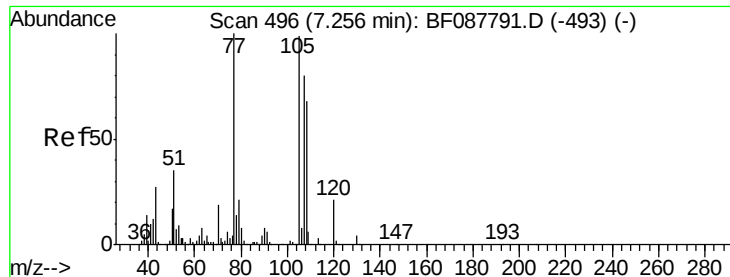
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#19
n-Nitroso-di-n-propylamine
Concen: 40.44 ng
RT: 7.21 min Scan# 492
Delta R.T. -0.01 min
Lab File: BF088034.D
Acq: 15 Jun 2016 8:42

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	208645		
42	48.8	49.6	74.4	
101	9.8	7.1	10.7	
130	22.8	15.4	23.2	





#20

3+4-Methylphenols

Concen: 39.65 ng

RT: 7.21 min Scan# 492

Delta R.T. -0.00 min

Lab File: BF088034.D

Acq: 15 Jun 2016 8:42

Instrument :

BNA_F

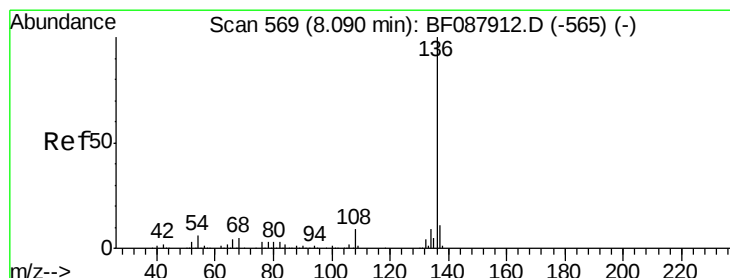
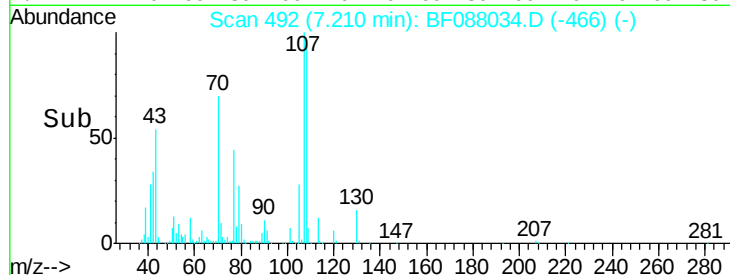
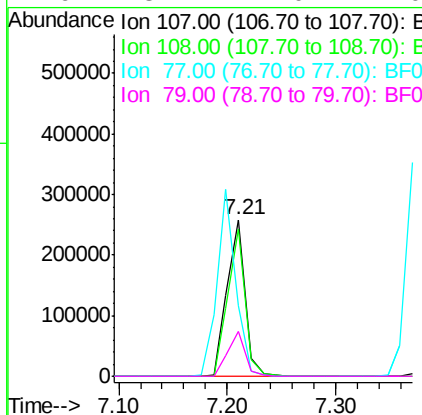
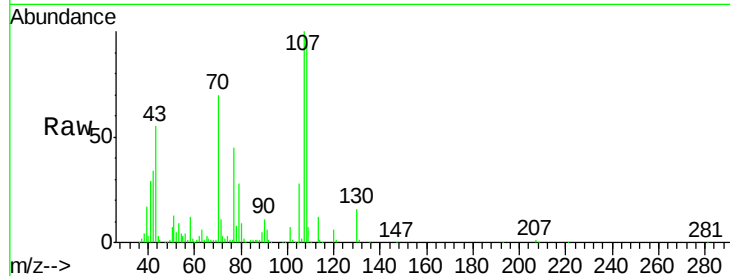
ClientSampleId :

HSR-WC-50-060616MS

Tot Ion	107	Resp	295524
Ion Ratio	Lower	Upper	
107	100		
108	94.4	67.8	107.8
77	44.7	59.3	99.3#
79	28.4	7.0	47.0

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#21

Naphthalene-d8

Concen: 20.00 ng

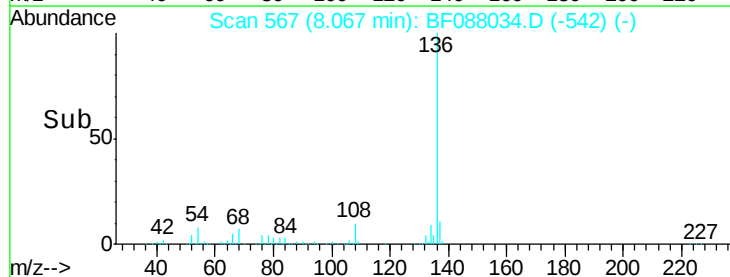
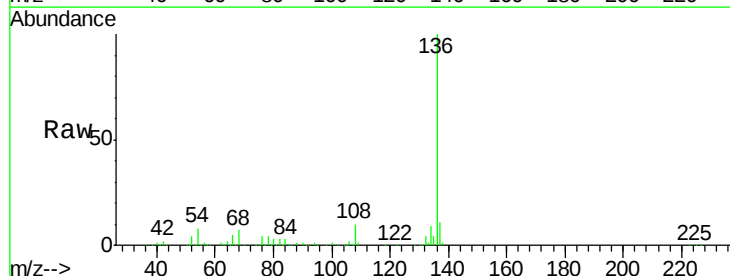
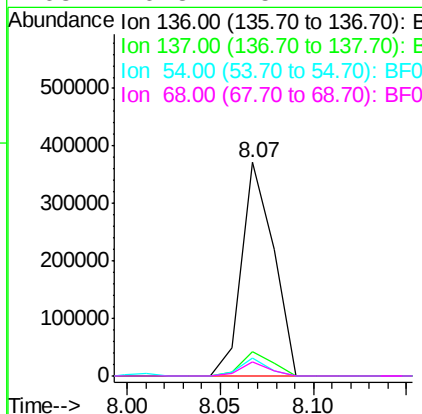
RT: 8.07 min Scan# 567

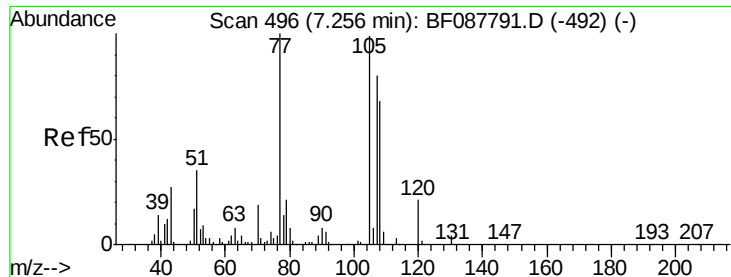
Delta R.T. -0.01 min

Lab File: BF088034.D

Acq: 15 Jun 2016 8:42

Tgt Ion	136	Resp	441688
Ion Ratio	Lower	Upper	
136	100		
137	11.1	9.1	13.7
54	8.4	6.6	10.0
68	6.8	5.1	7.7





#22

Acetophenone

Concen: 39.62 ng

RT: 7.20 min Scan# 491

Delta R.T. -0.01 min

Lab File: BF088034.D

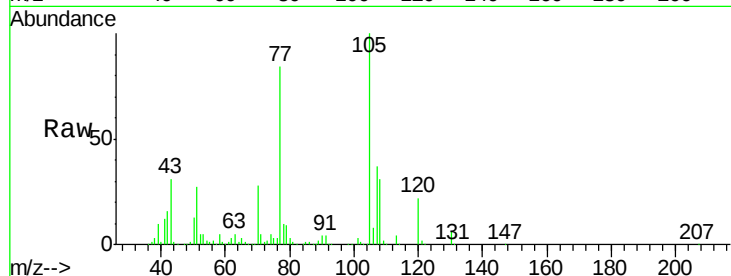
Acq: 15 Jun 2016 8:42

Instrument :

BNA_F

ClientSampleId :

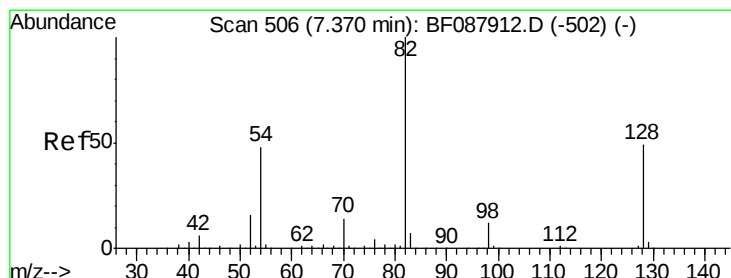
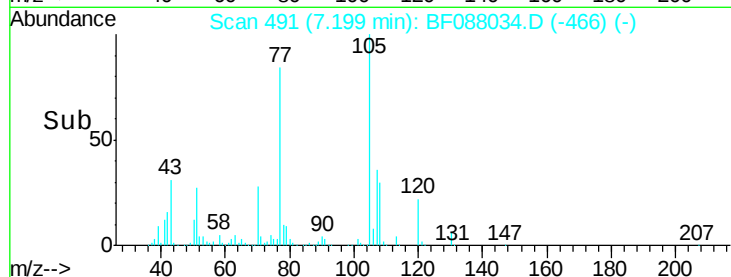
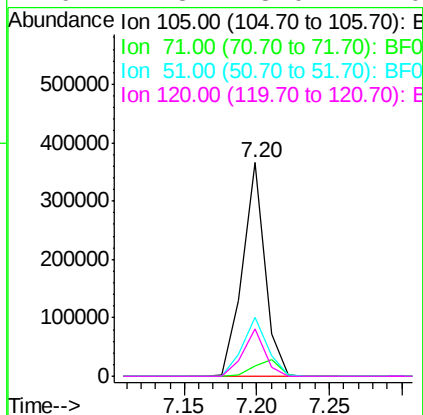
HSR-WC-50-060616MS



Tot Ion	Ion	Ratio	Resp	Lower	Upper
391081	105	100			
	71	4.7	5.3	7.9#	
	51	27.3	18.2	27.4	
	120	22.3	18.0	27.0	

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#23

Nitrobenzene-d5

Concen: 79.47 ng

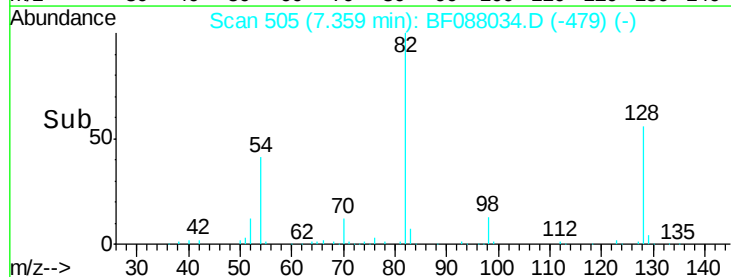
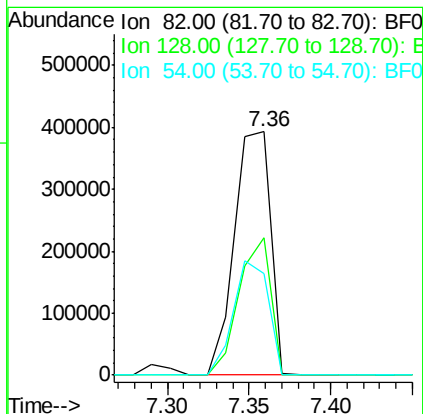
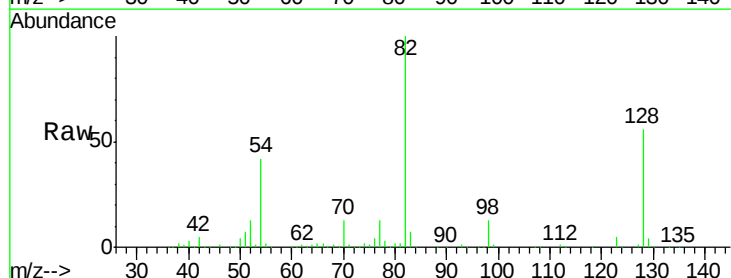
RT: 7.36 min Scan# 505

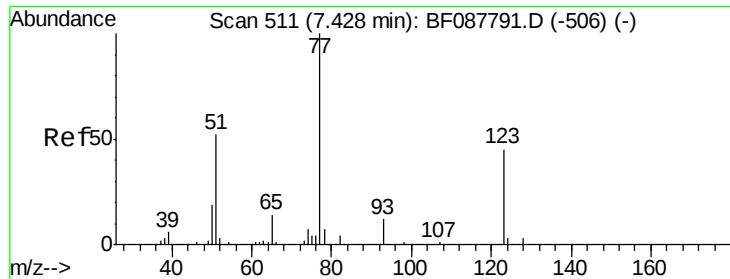
Delta R.T. -0.00 min

Lab File: BF088034.D

Acq: 15 Jun 2016 8:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
601139	82	100			
	128	56.4	35.9	53.9#	
	54	41.7	40.9	61.3	





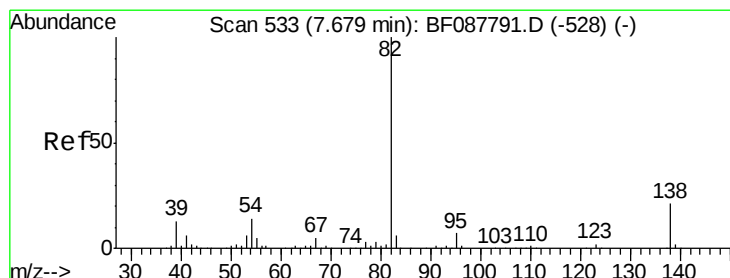
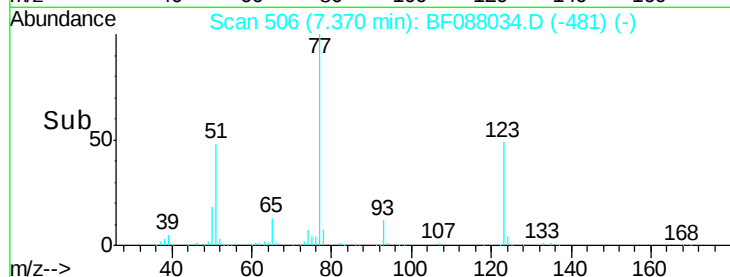
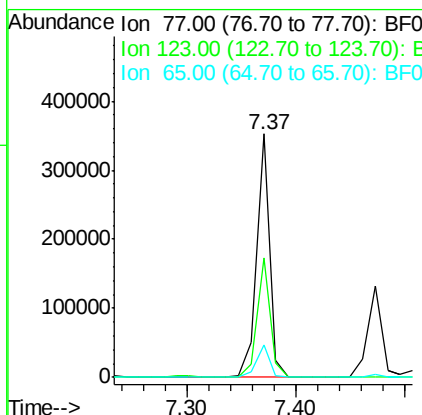
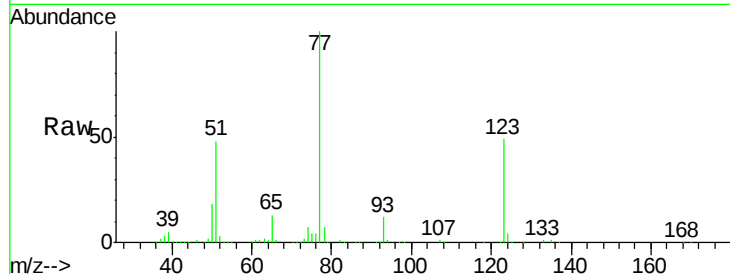
#24
Nitrobenzene
Concen: 40.22 ng
RT: 7.37 min Scan# 506
Delta R.T. -0.01 min
Lab File: BF088034.D
Acq: 15 Jun 2016 8:42

Instrument :
BNA_F
ClientSampleId :
HSR-WC-50-060616MS

Tot Ion	Ratio	Resp	Lower	Upper
77	100	294687		
123	49.0	45.0	67.4	
65	13.3	10.2	15.2	

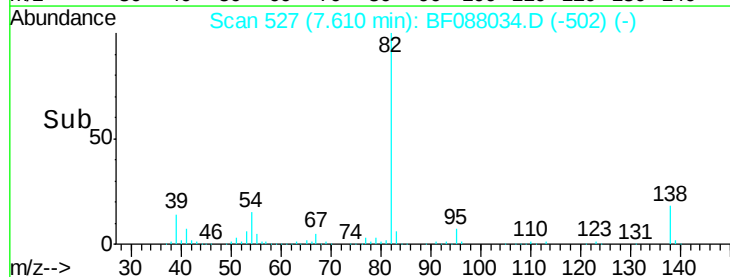
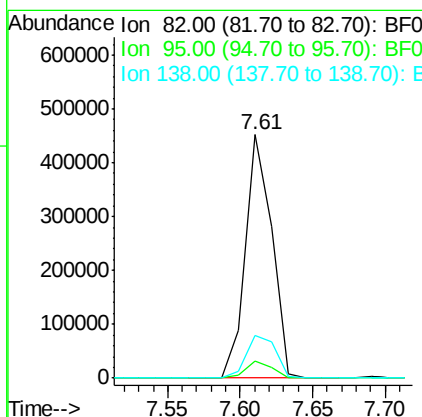
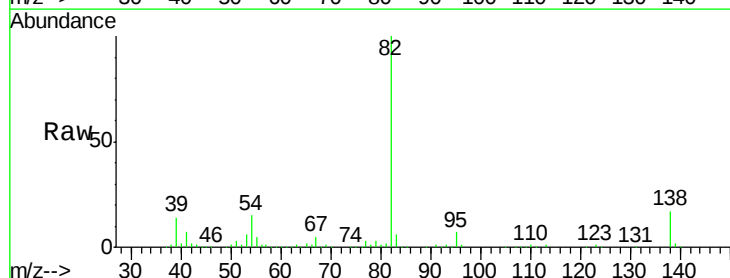
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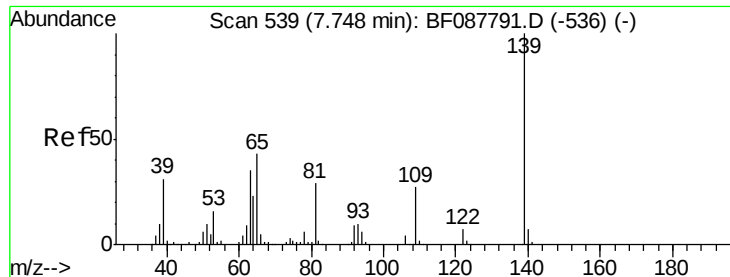
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#25
Isophorone
Concen: 40.78 ng
RT: 7.61 min Scan# 527
Delta R.T. -0.01 min
Lab File: BF088034.D
Acq: 15 Jun 2016 8:42

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	571377		
95	6.7	5.4	8.2	
138	17.5	14.6	21.8	





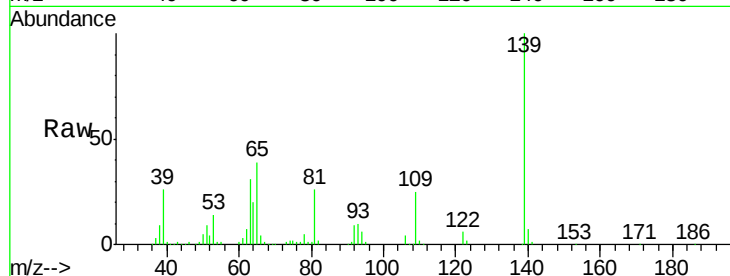
#26
2-Nitrophenol
Concen: 43.29 ng
RT: 7.69 min Scan# 534
Delta R.T. -0.01 min
Lab File: BF088034.D
Acq: 15 Jun 2016 8:42

Instrument :
BNA_F
ClientSampleId :
HSR-WC-50-060616MS

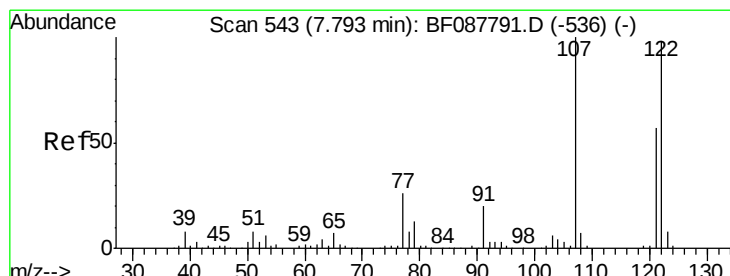
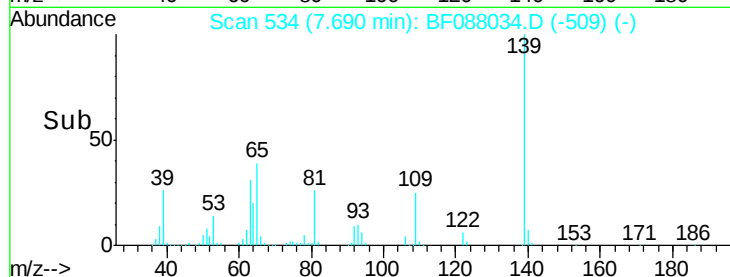
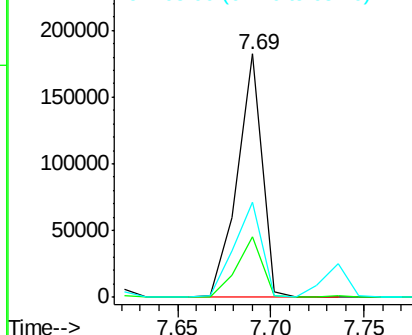
Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	24.8	23.0	34.4	
65	38.9	45.8	68.8	

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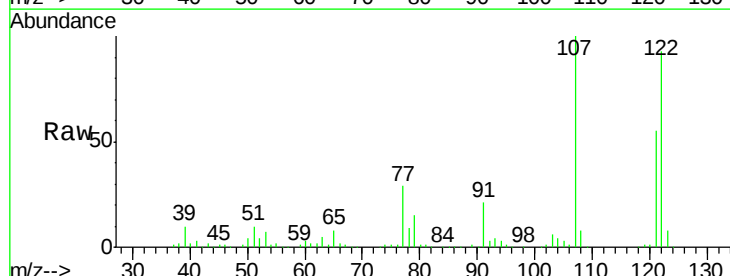


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): E

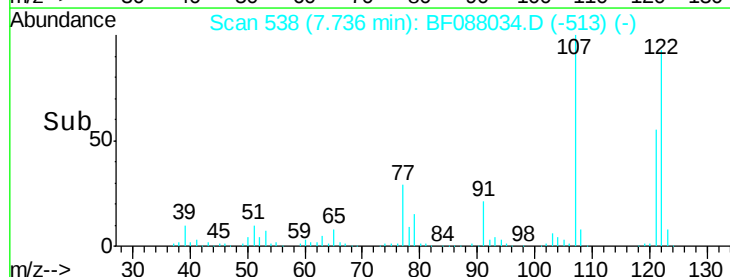
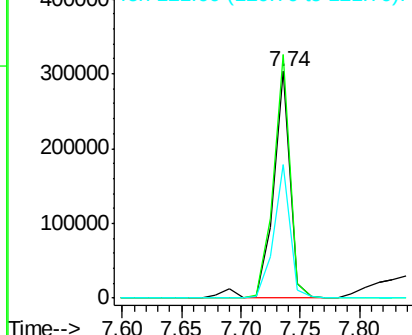


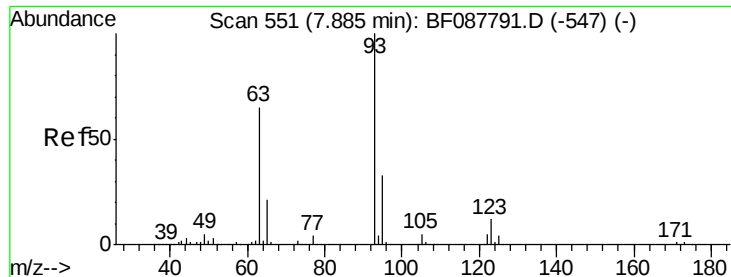
#27
2,4-Dimethylphenol
Concen: 41.79 ng
RT: 7.74 min Scan# 538
Delta R.T. -0.01 min
Lab File: BF088034.D
Acq: 15 Jun 2016 8:42

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
107	107.4	82.4	123.6	
121	58.7	46.3	69.5	



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E





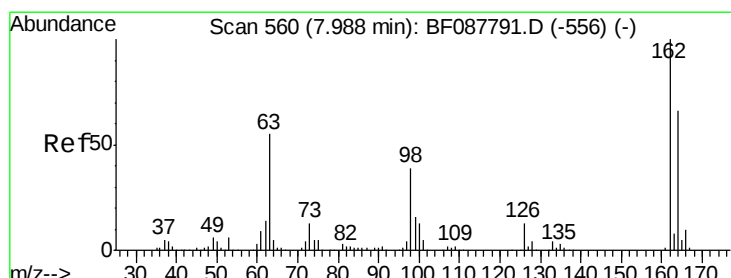
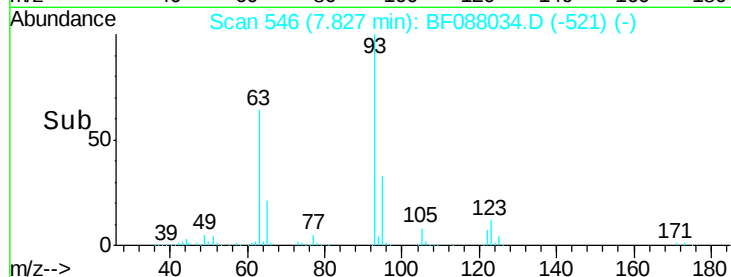
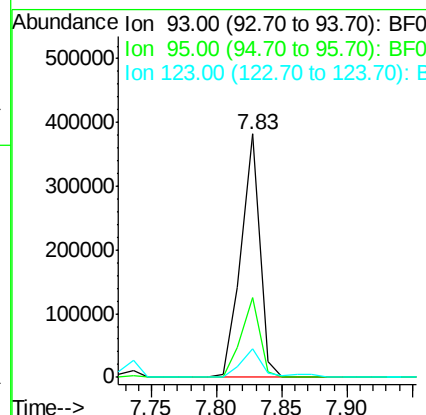
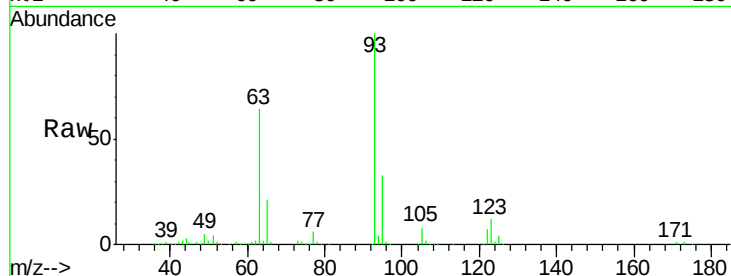
#28
bis(2-Chloroethoxy)methane
Concen: 43.74 ng
RT: 7.83 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF088034.D
Acq: 15 Jun 2016 8:42

Instrument :
BNA_F
ClientSampleID :
HSR-WC-50-060616MS

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
95	32.9	26.5	39.7	
123	11.7	11.6	17.4	

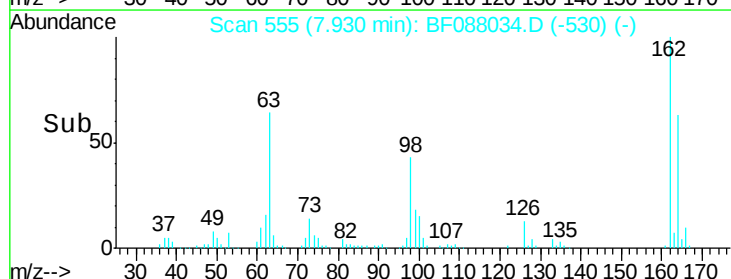
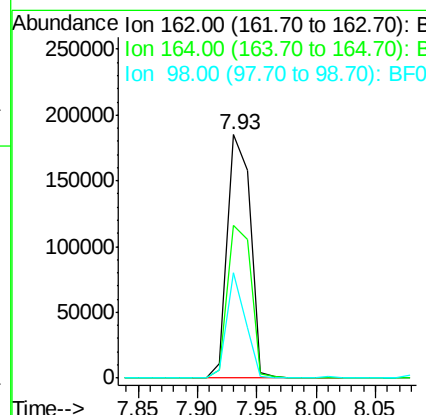
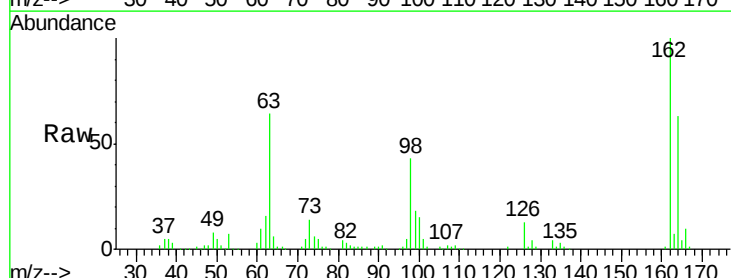
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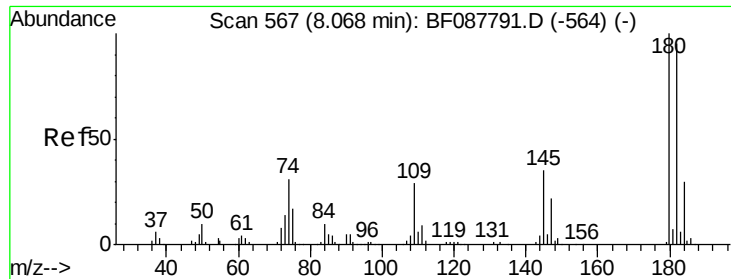
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#29
2,4-Dichlorophenol
Concen: 41.06 ng
RT: 7.93 min Scan# 555
Delta R.T. -0.01 min
Lab File: BF088034.D
Acq: 15 Jun 2016 8:42

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
164	62.5	43.8	83.8	
98	43.4	21.3	61.3	





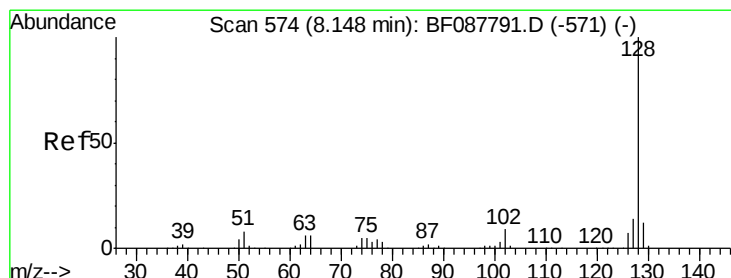
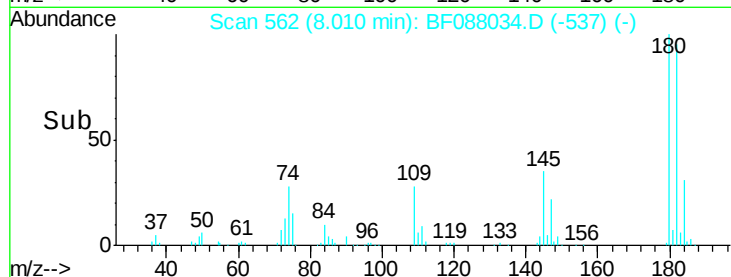
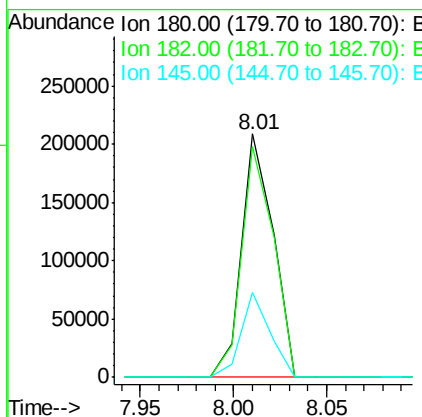
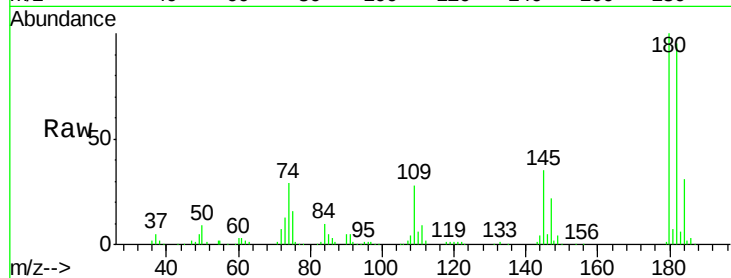
#30
1,2,4-Trichlorobenzene
Concen: 37.65 ng
RT: 8.01 min Scan# 562
Delta R.T. -0.01 min
Lab File: BF088034.D
Acq: 15 Jun 2016 8:42

Instrument :
BNA_F
ClientSampleId :
HSR-WC-50-060616MS

Tot Ion	Ratio	Resp	Lower	Upper
180	100	247339		
182	94.9	76.0	114.0	
145	34.8	26.5	39.7	

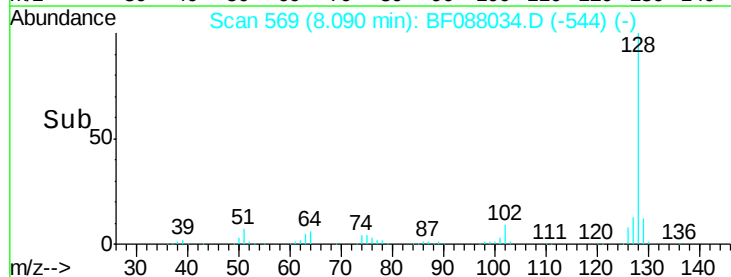
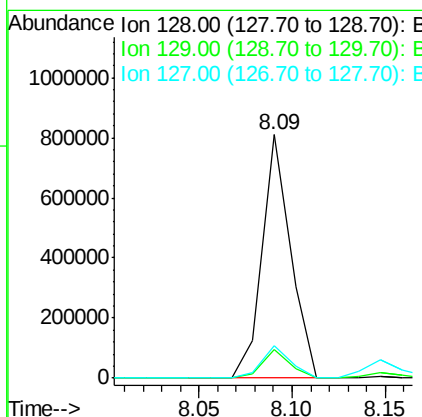
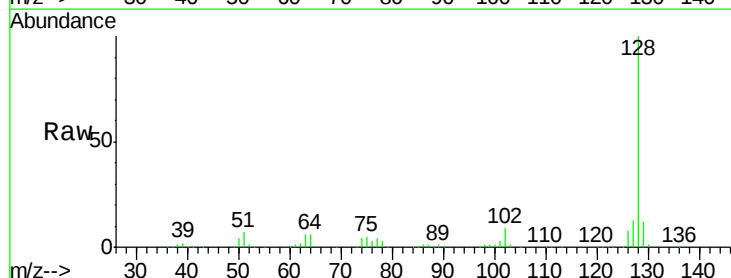
Manual Integrations
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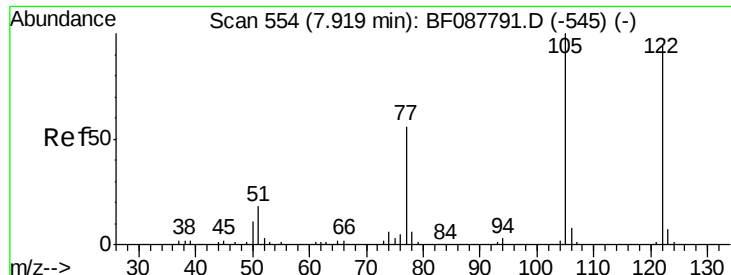
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#31
Naphthalene
Concen: 39.03 ng
RT: 8.09 min Scan# 569
Delta R.T. -0.01 min
Lab File: BF088034.D
Acq: 15 Jun 2016 8:42

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	853173		
129	11.6	9.4	14.2	
127	13.4	10.9	16.3	





#32

Benzoic acid

Concen: 42.61 ng

RT: 7.87 min Scan# 550

Delta R.T. -0.00 min

Lab File: BF088034.D

Acq: 15 Jun 2016 8:42

Instrument :

BNA_F

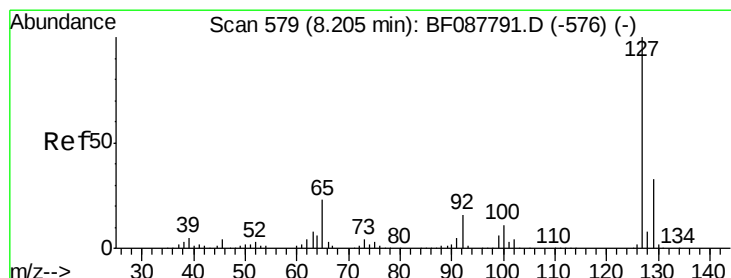
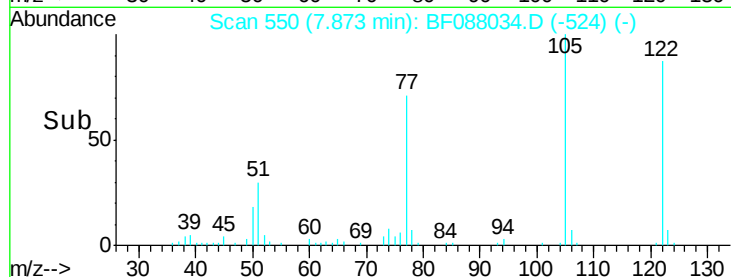
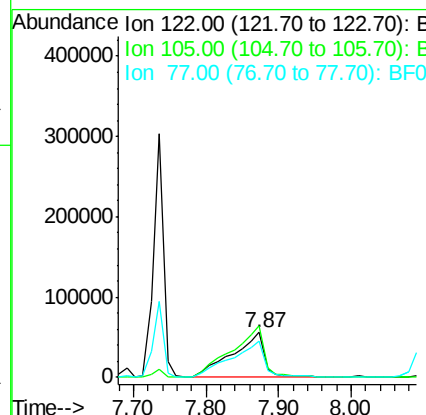
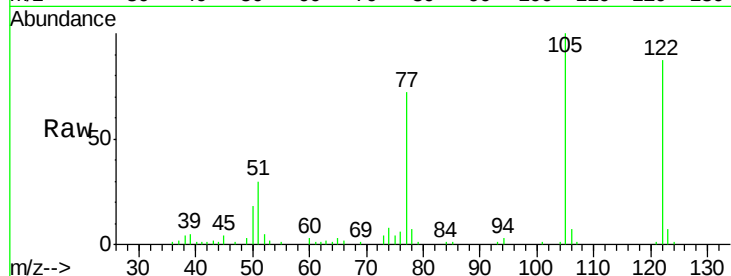
ClientSampleId :

HSR-WC-50-060616MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		169567		
105	115.5	101.6	141.6		
77	82.6	70.6	110.6		

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#33

4-Chloroaniline

Concen: 9.74 ng

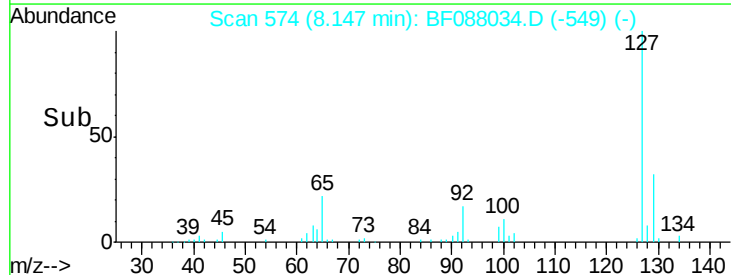
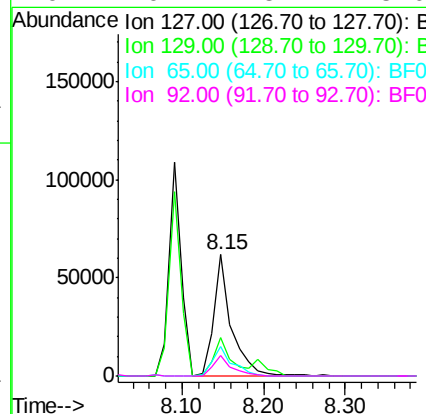
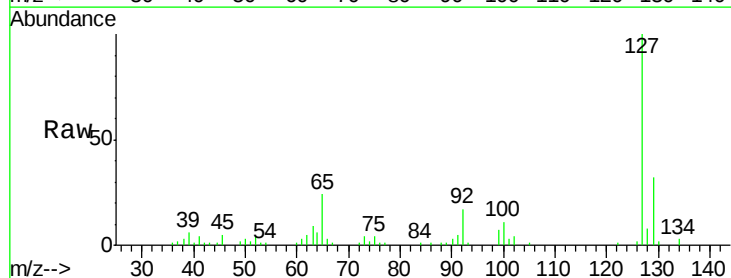
RT: 8.15 min Scan# 574

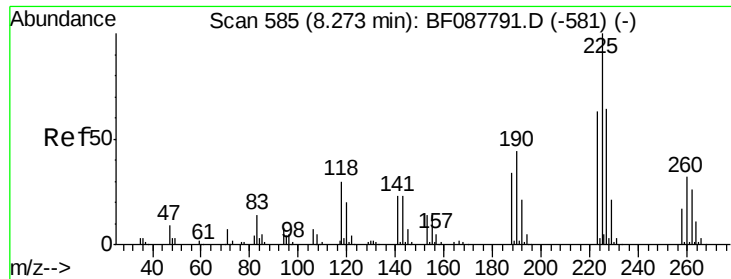
Delta R.T. -0.01 min

Lab File: BF088034.D

Acq: 15 Jun 2016 8:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
127	100		95090		
129	32.0	26.3	39.5		
65	24.2	24.7	37.1#		
92	16.7	15.4	23.0		





#34

Hexachlorobutadiene

Concen: 39.92 ng

RT: 8.22 min Scan# 580

Delta R.T. -0.01 min

Lab File: BF088034.D

Acq: 15 Jun 2016 8:42

Instrument :

BNA_F

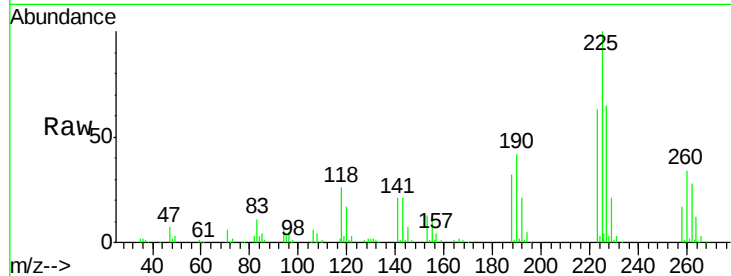
ClientSampleId :

HSR-WC-50-060616MS

Tot Ion:	225	Resp:	138325
Ion Ratio		Lower	Upper
225	100		
223	62.6	50.9	76.3
227	64.9	51.9	77.9

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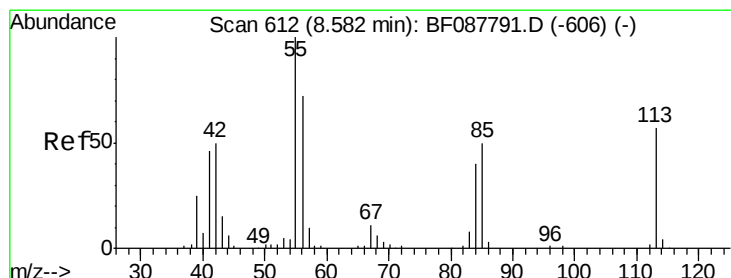
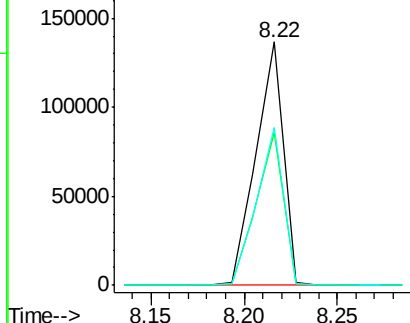
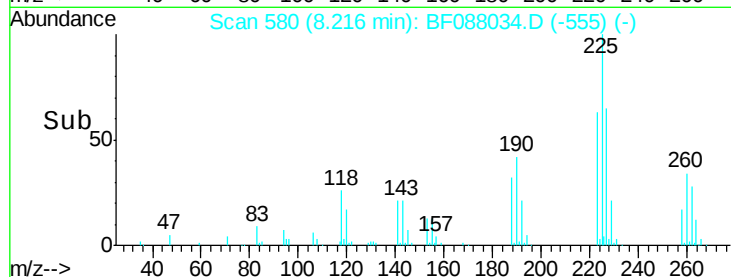
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Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#35

Caprolactam

Concen: 36.23 ng

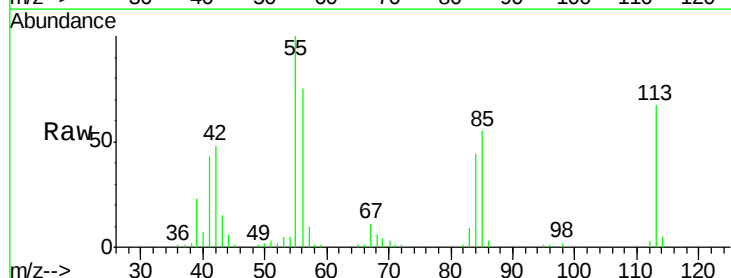
RT: 8.52 min Scan# 607

Delta R.T. -0.01 min

Lab File: BF088034.D

Acq: 15 Jun 2016 8:42

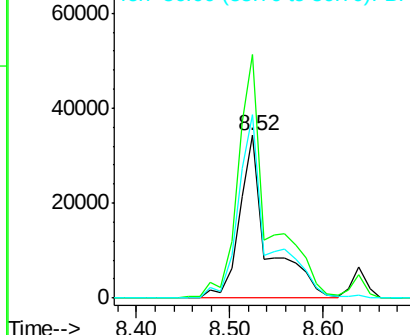
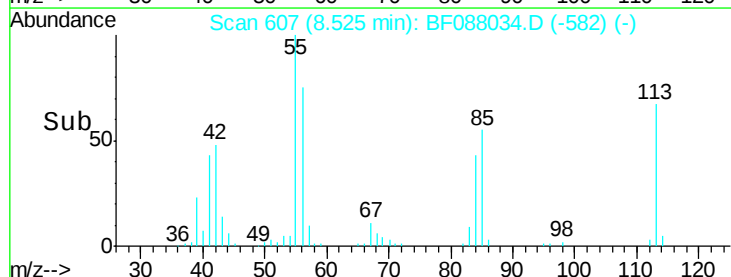
Tgt Ion:	113	Resp:	72400
Ion Ratio		Lower	Upper
113	100		
55	149.6	158.6	198.6#
56	112.5	110.6	150.6

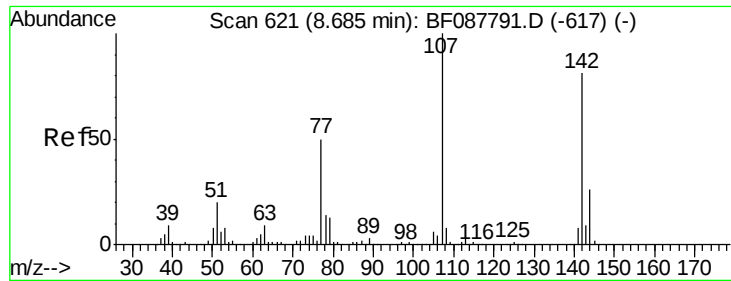


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0





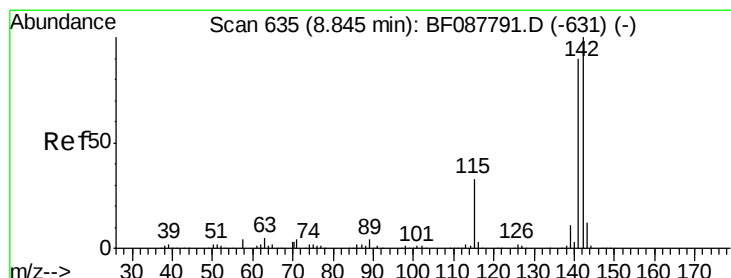
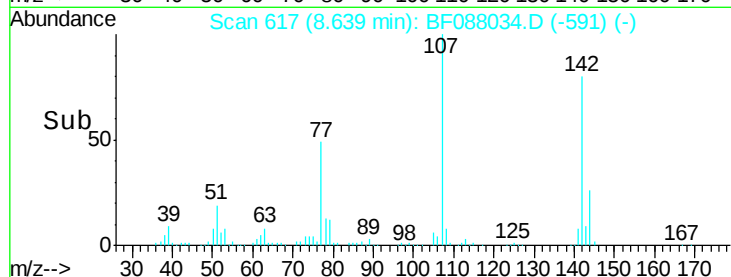
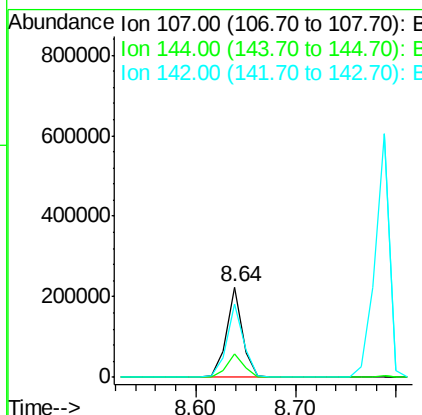
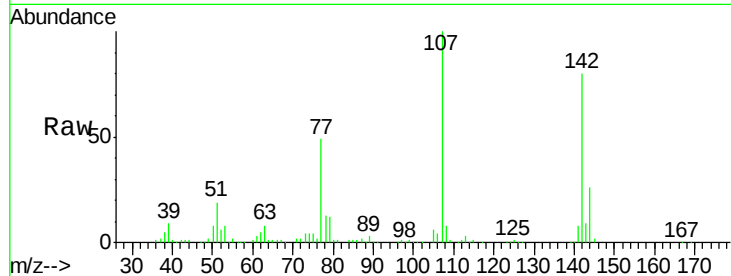
#36
4-Chloro-3-methylphenol
Concen: 38.83 ng
RT: 8.64 min Scan# 617
Delta R.T. -0.00 min
Lab File: BF088034.D
Acq: 15 Jun 2016 8:42

Instrument :
BNA_F
ClientSampleId :
HSR-WC-50-060616MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	250548		
144	25.7	20.8	31.2	
142	80.5	63.4	95.2	

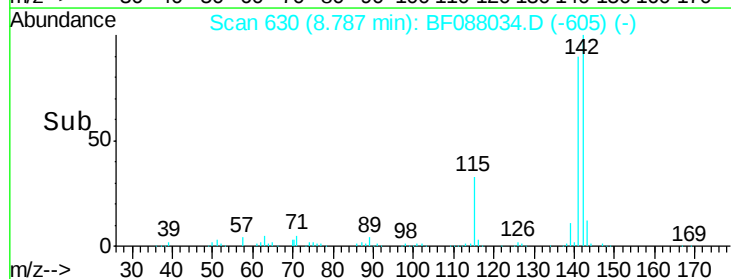
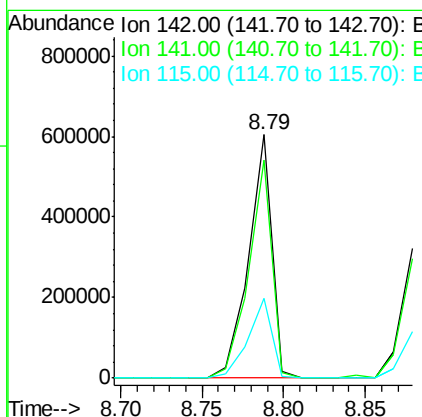
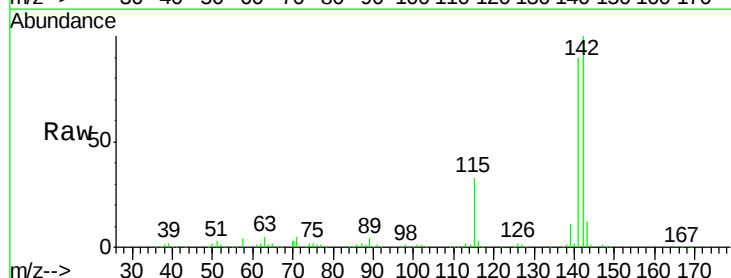
Manual Integrations
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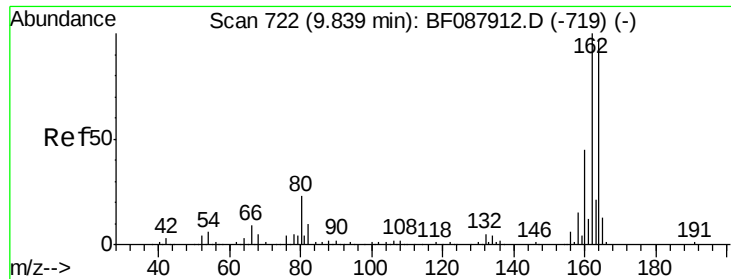
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#37
2-Methylnaphthalene
Concen: 41.46 ng
RT: 8.79 min Scan# 630
Delta R.T. -0.01 min
Lab File: BF088034.D
Acq: 15 Jun 2016 8:42

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	597277		
141	89.5	71.0	106.6	
115	32.8	22.6	33.8	





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.83 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF088034.D

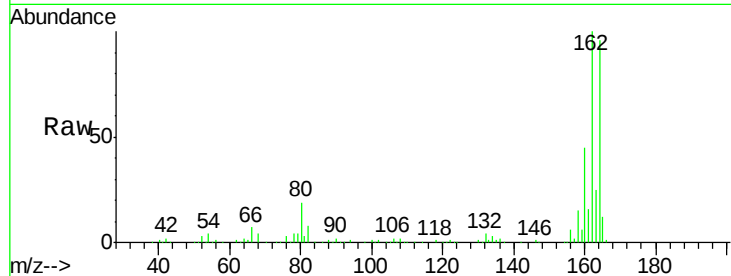
Acq: 15 Jun 2016 8:42

Instrument :

BNA_F

ClientSampleId :

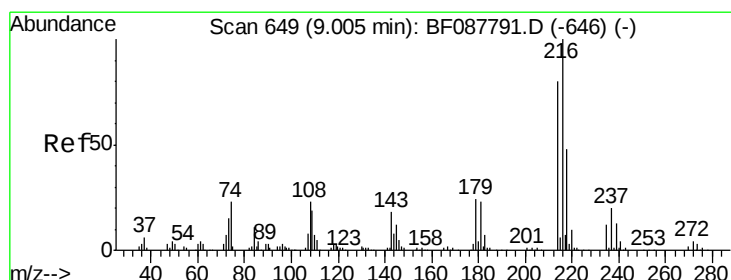
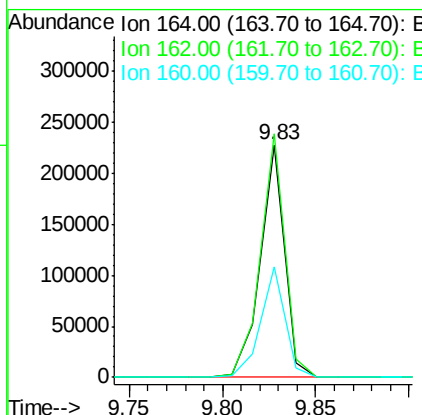
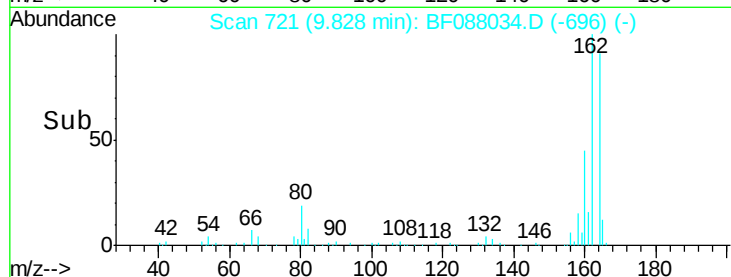
HSR-WC-50-060616MS



Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	104.7	85.4	128.2	
160	47.3	39.5	59.3	

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#39

1,2,4,5-Tetrachlorobenzene

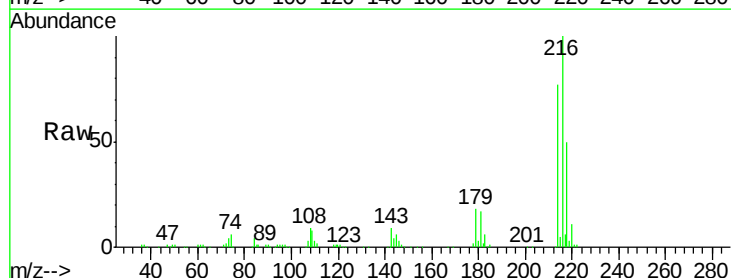
Concen: 44.33 ng

RT: 8.96 min Scan# 645

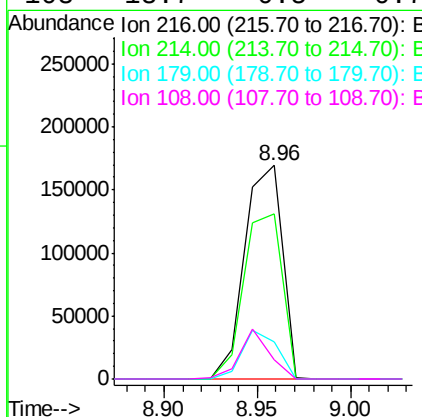
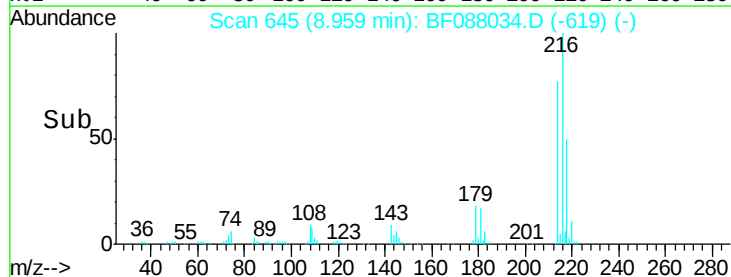
Delta R.T. -0.00 min

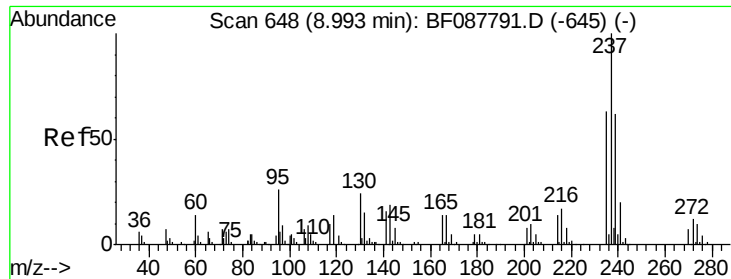
Lab File: BF088034.D

Acq: 15 Jun 2016 8:42



Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.4	2.9	4.3#	
179	21.6	0.0	0.0#	
108	18.7	0.5	0.7#	





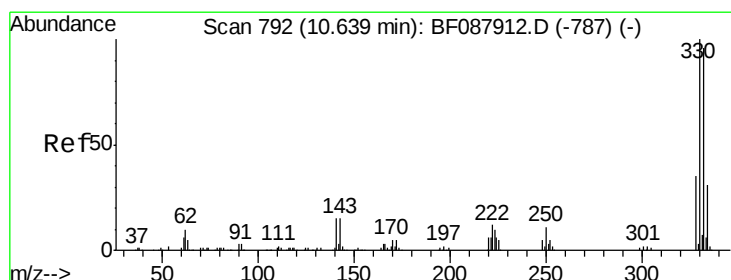
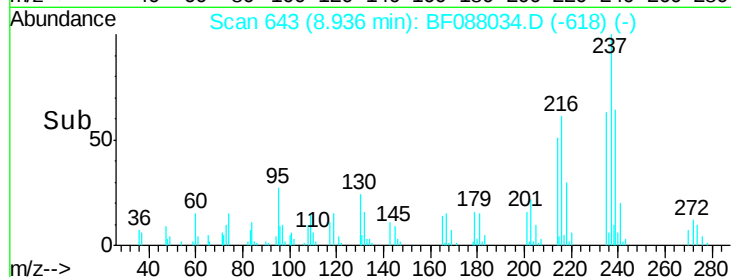
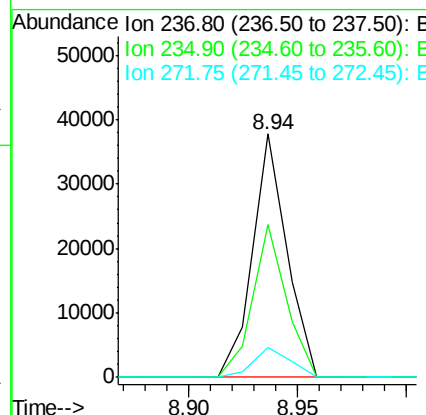
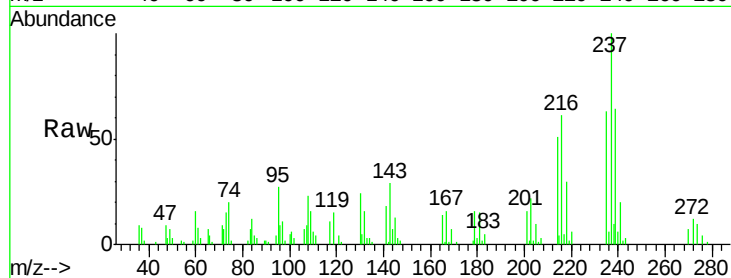
#40
Hexachlorocyclopentadiene
Concen: 12.57 ng
RT: 8.94 min Scan# 643
Delta R.T. -0.01 min
Lab File: BF088034.D
Acq: 15 Jun 2016 8:42

Instrument :
BNA_F
ClientSampleId :
HSR-WC-50-060616MS

Tot Ion	Ratio	Resp	Lower	Upper
237	100	41393		
235	62.8	43.4	83.4	
272	12.5	0.0	32.3	

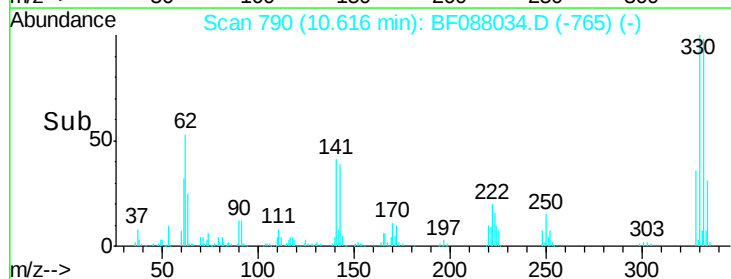
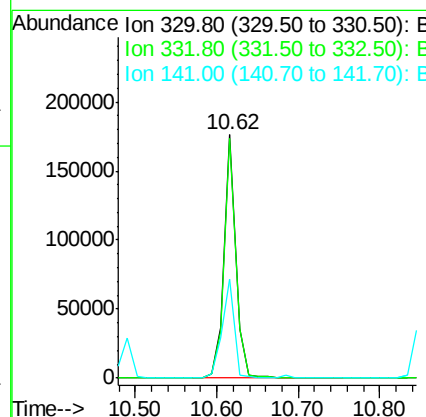
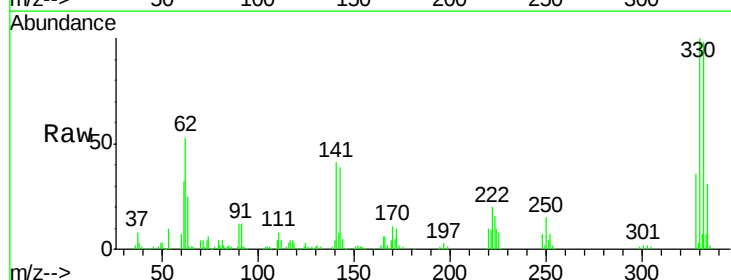
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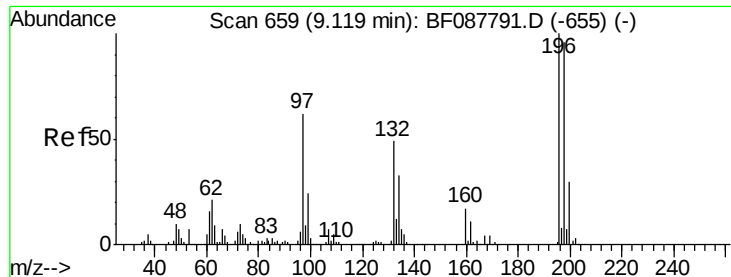
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#41
2,4,6-Tribromophenol
Concen: 82.22 ng
RT: 10.62 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF088034.D
Acq: 15 Jun 2016 8:42

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	177250		
332	97.6	0.0	0.0#	
141	41.9	0.0	0.0#	





#42

2,4,6-Trichlorophenol

Concen: 44.01 ng

RT: 9.07 min Scan# 655

Delta R.T. -0.00 min

Lab File: BF088034.D

Acq: 15 Jun 2016 8:42

Instrument :

BNA_F

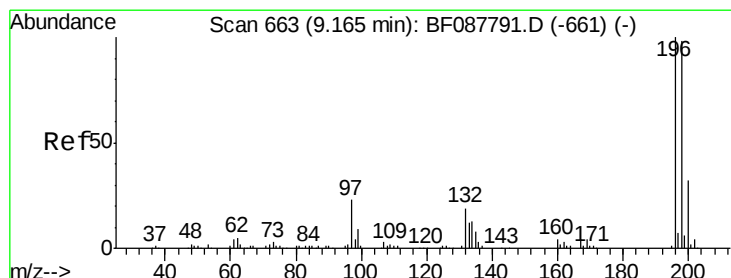
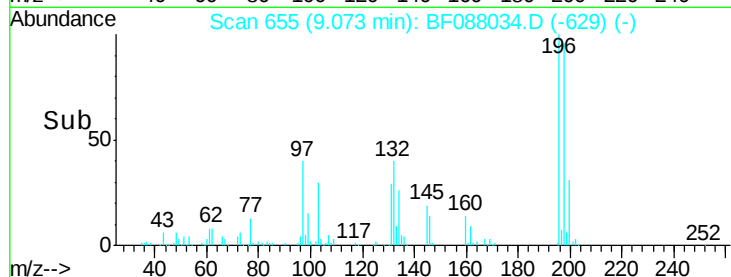
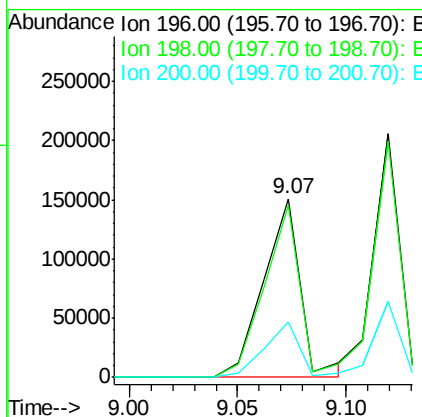
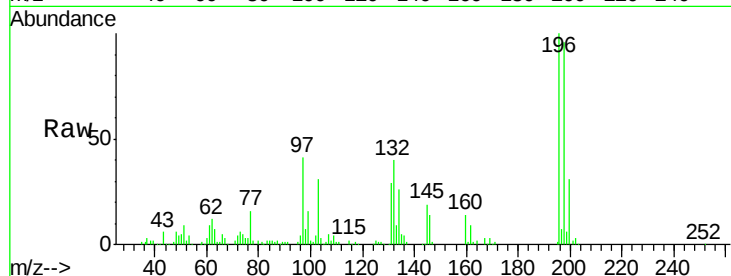
ClientSampleId :

HSR-WC-50-060616MS

Tot Ion:	196	Resp:	179695
Ion Ratio	Lower	Upper	
196	100		
198	96.2	78.0	117.0
200	31.4	25.4	38.2

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#43

2,4,5-Trichlorophenol

Concen: 40.75 ng

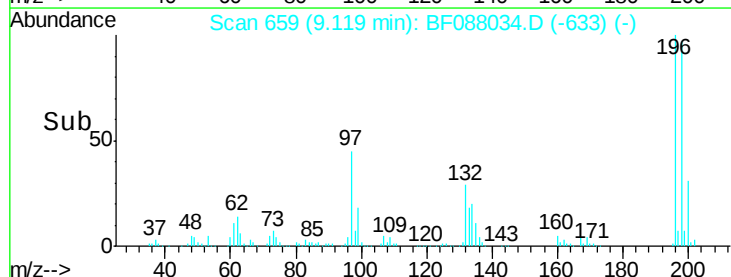
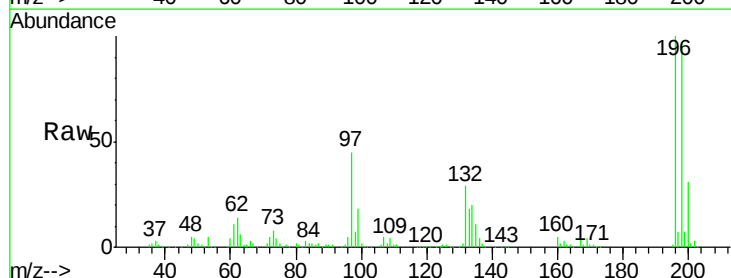
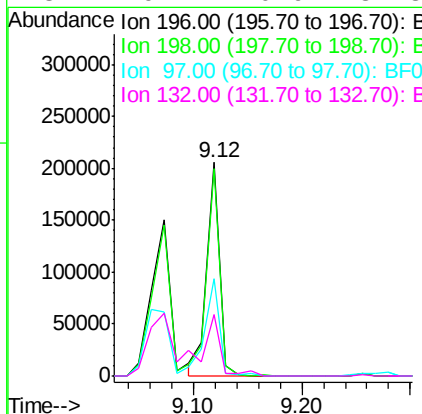
RT: 9.12 min Scan# 659

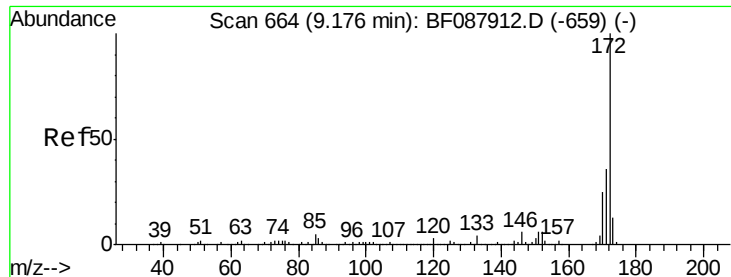
Delta R.T. -0.00 min

Lab File: BF088034.D

Acq: 15 Jun 2016 8:42

Tgt Ion:	196	Resp:	173084
Ion Ratio	Lower	Upper	
196	100		
198	97.0	77.5	116.3
97	45.3	32.0	48.0
132	29.1	20.9	31.3





#44

2-Fluorobiphenyl

Concen: 75.16 ng

RT: 9.15 min Scan# 662

Delta R.T. -0.01 min

Lab File: BF088034.D

Acq: 15 Jun 2016 8:42

Instrument :

BNA_F

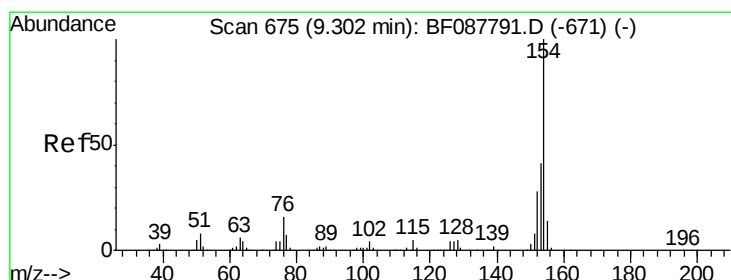
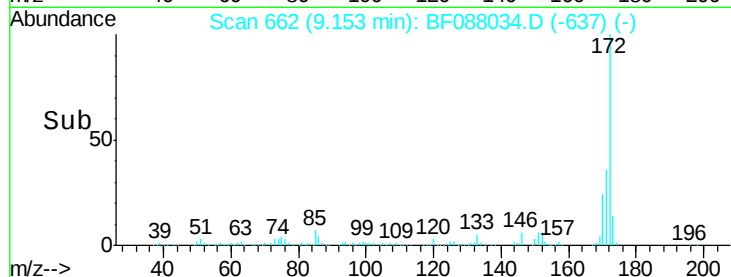
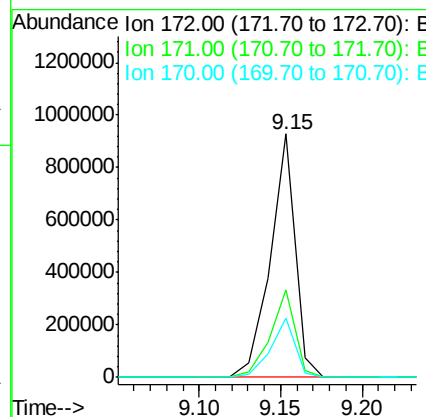
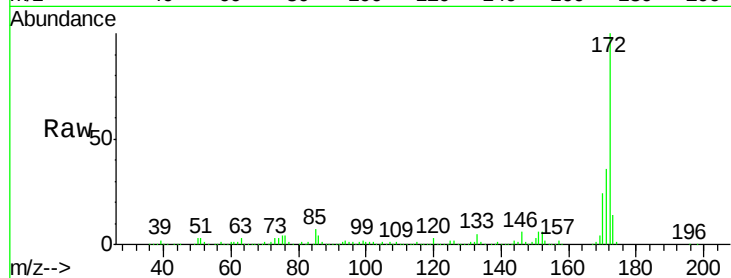
ClientSampleId :

HSR-WC-50-060616MS

Tot Ion:	172	Resp:	985087
Ion Ratio	Lower	Upper	
172	100		
171	36.0	28.6	43.0
170	24.3	19.2	28.8

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#45

1,1'-Biphenyl

Concen: 47.81 ng

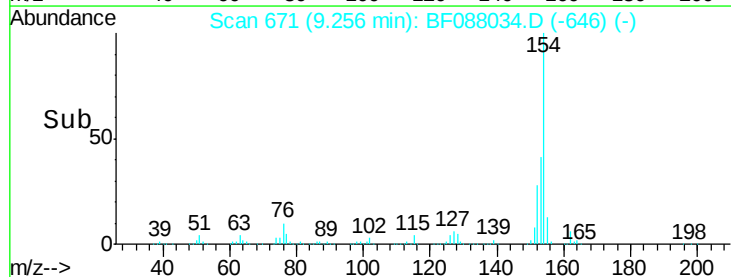
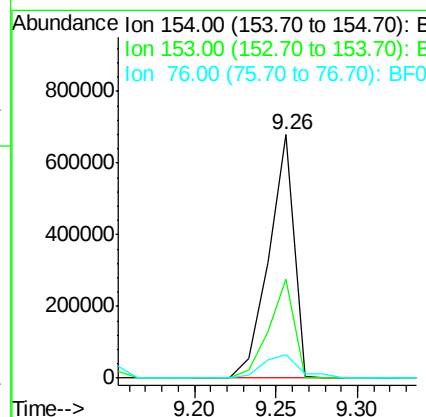
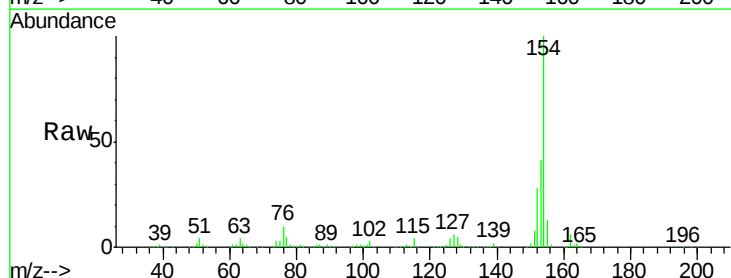
RT: 9.26 min Scan# 671

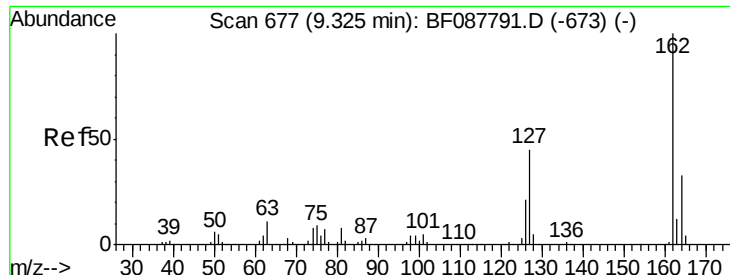
Delta R.T. -0.01 min

Lab File: BF088034.D

Acq: 15 Jun 2016 8:42

Tgt Ion:	154	Resp:	726749
Ion Ratio	Lower	Upper	
154	100		
153	40.6	20.6	60.6
76	9.7	0.0	35.1





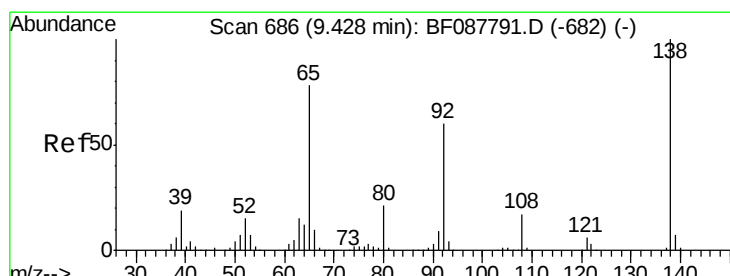
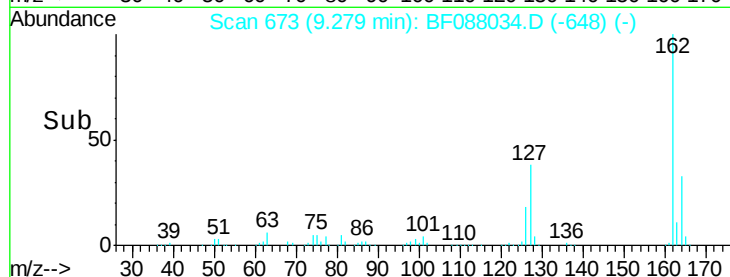
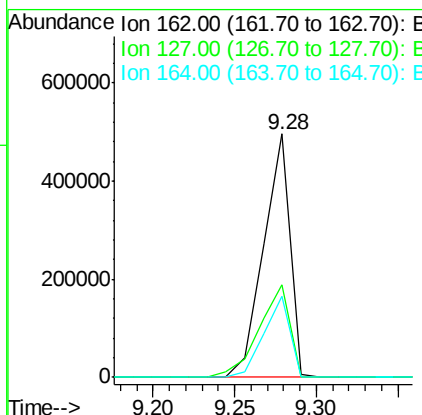
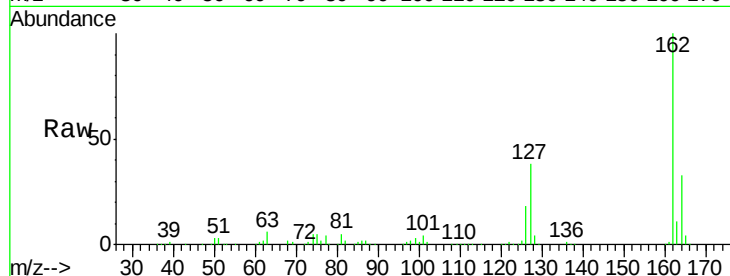
#46
2-Chloronaphthalene
Concen: 42.23 ng
RT: 9.28 min Scan# 673
Delta R.T. -0.01 min
Lab File: BF088034.D
Acq: 15 Jun 2016 8:42

Instrument :
BNA_F
ClientSampleId :
HSR-WC-50-060616MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	557904		
127	38.0		35.2	52.8
164	33.4		26.6	39.8

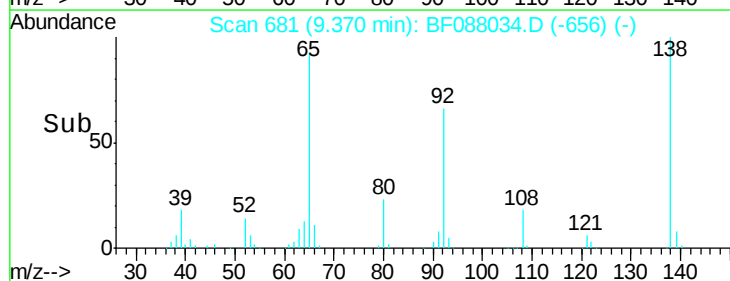
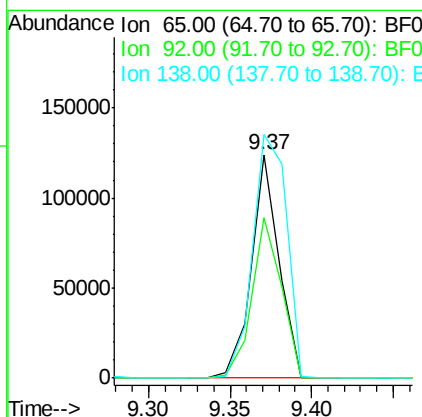
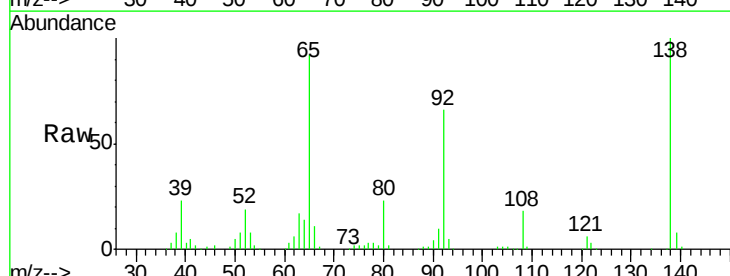
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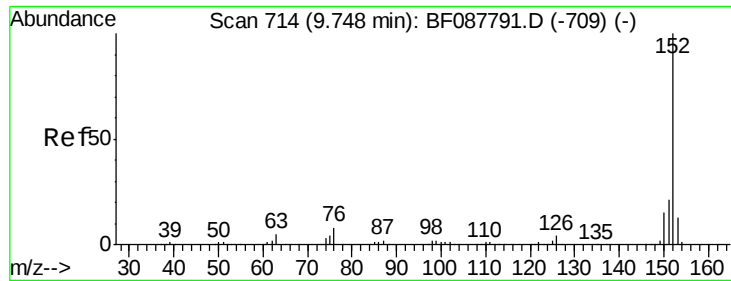
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#47
2-Nitroaniline
Concen: 37.20 ng
RT: 9.37 min Scan# 681
Delta R.T. -0.01 min
Lab File: BF088034.D
Acq: 15 Jun 2016 8:42

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	144998		
92	71.8		54.6	82.0
138	108.9		77.0	115.4





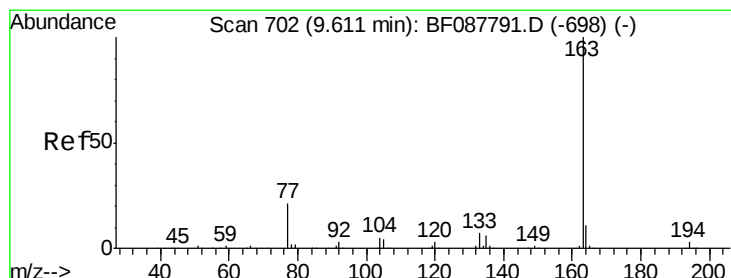
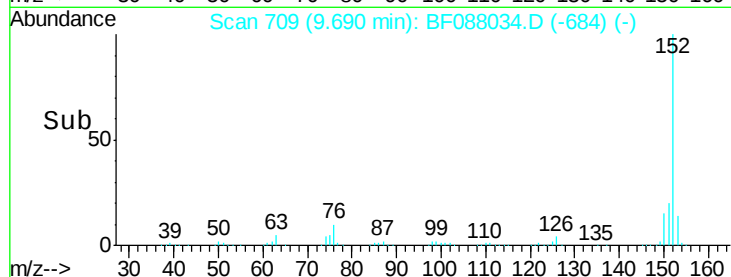
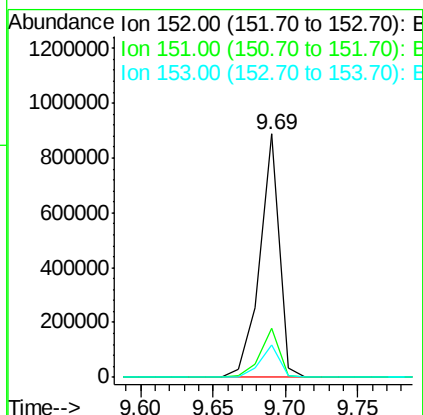
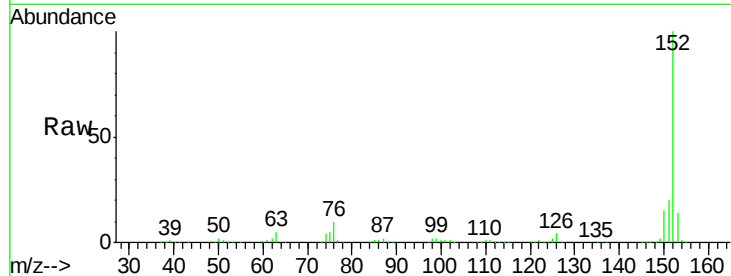
#48
Acenaphthylene
Concen: 39.21 ng
RT: 9.69 min Scan# 709
Delta R.T. -0.01 min
Lab File: BF088034.D
Acq: 15 Jun 2016 8:42

Instrument :
BNA_F
ClientSampleId :
HSR-WC-50-060616MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100				
151	20.4	16.2	24.4		
153	13.6	11.0	16.6		

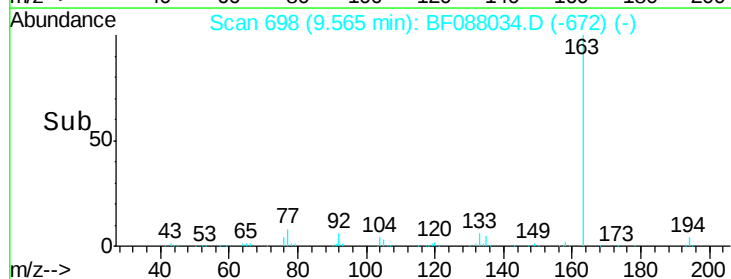
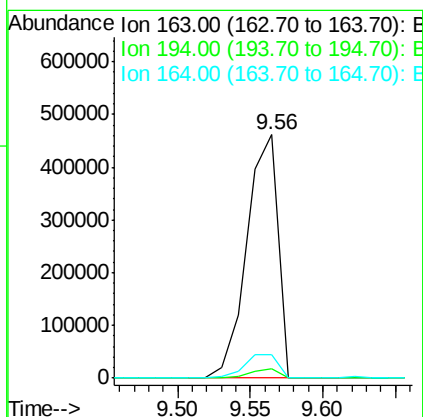
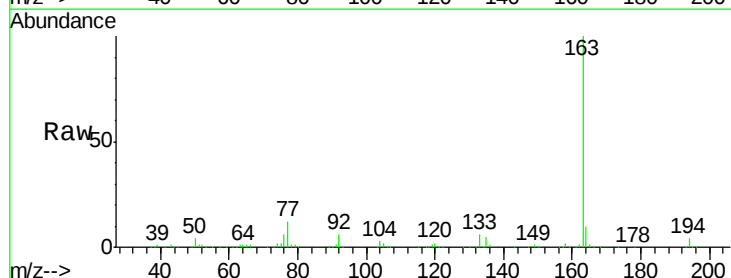
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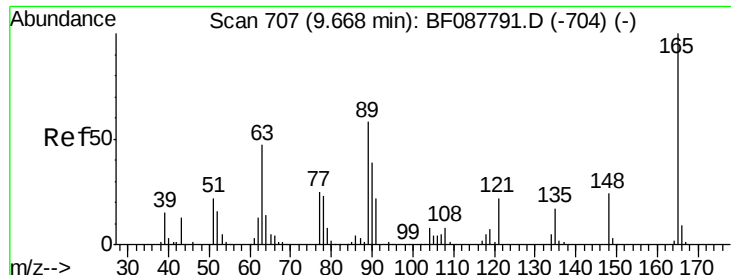
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#49
Dimethylphthalate
Concen: 46.42 ng
RT: 9.56 min Scan# 698
Delta R.T. -0.00 min
Lab File: BF088034.D
Acq: 15 Jun 2016 8:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100				
194	3.9	2.8	4.2		
164	9.6	8.3	12.5		





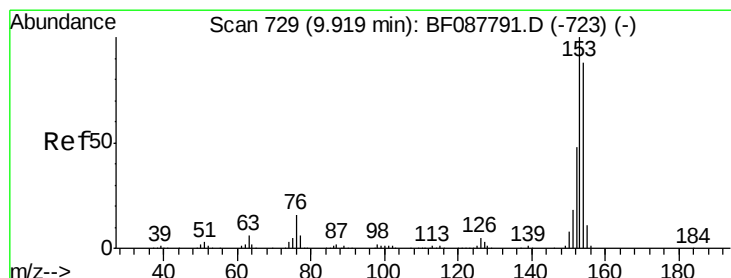
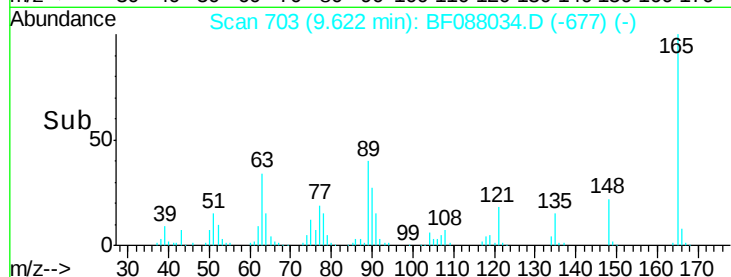
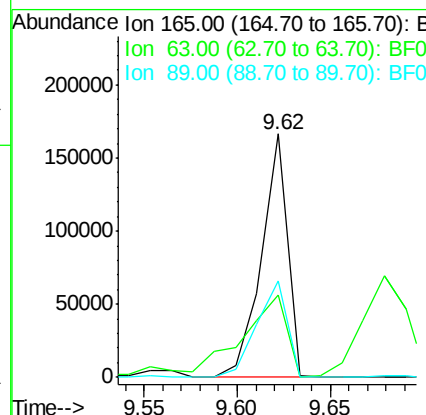
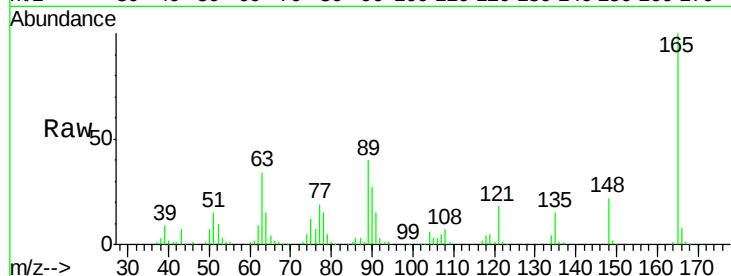
#50
 2,6-Dinitrotoluene
 Concen: 47.11 ng
 RT: 9.62 min Scan# 703
 Delta R.T. -0.00 min
 Lab File: BF088034.D
 Acq: 15 Jun 2016 8:42

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-50-060616MS

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	34.1	28.1	42.1
89	39.6	32.2	48.2

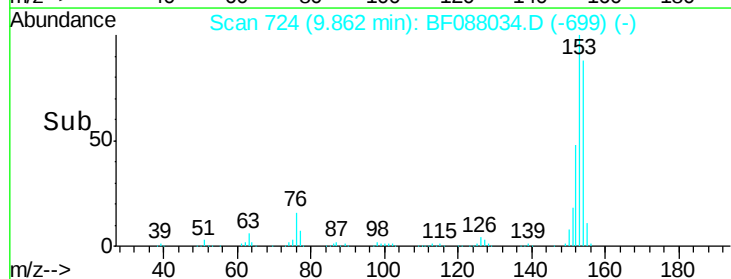
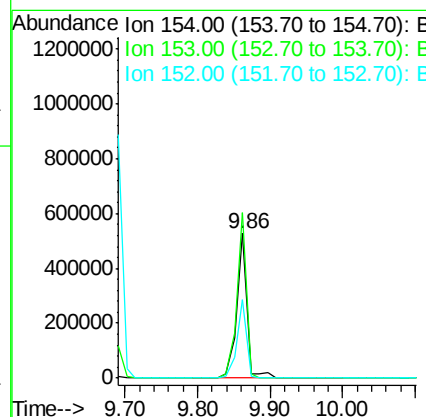
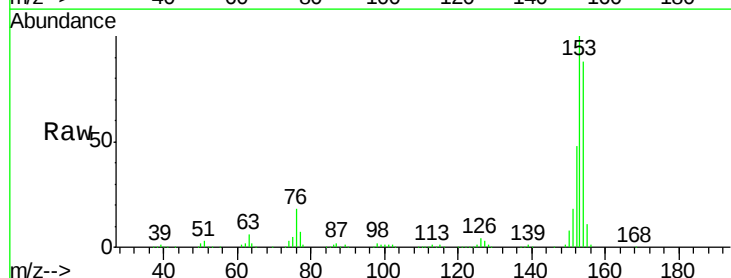
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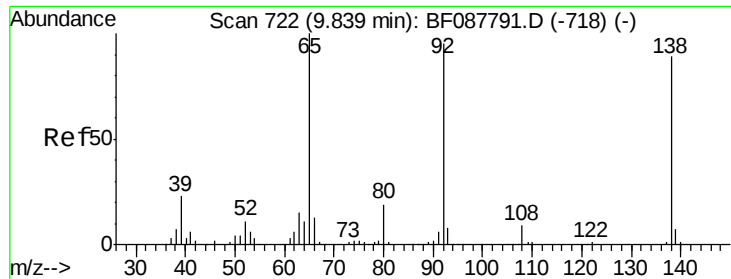
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#51
 Acenaphthene
 Concen: 39.21 ng
 RT: 9.86 min Scan# 724
 Delta R.T. -0.01 min
 Lab File: BF088034.D
 Acq: 15 Jun 2016 8:42

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	114.1	89.5	134.3
152	54.5	42.7	64.1





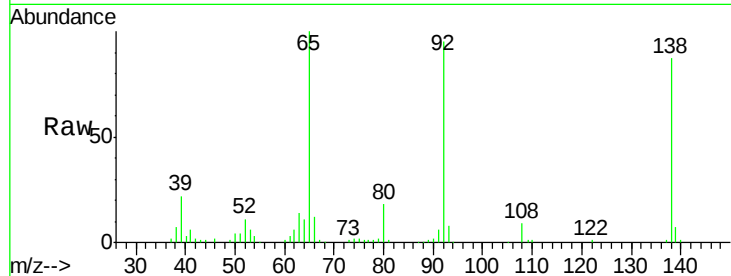
#52
 3-Nitroaniline
 Concen: 17.85 ng
 RT: 9.78 min Scan# 717
 Delta R.T. -0.01 min
 Lab File: BF088034.D
 Acq: 15 Jun 2016 8:42

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-50-060616MS

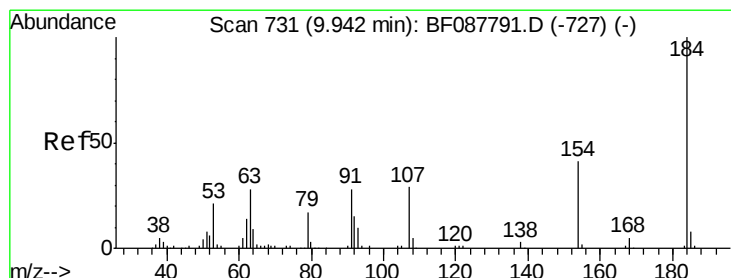
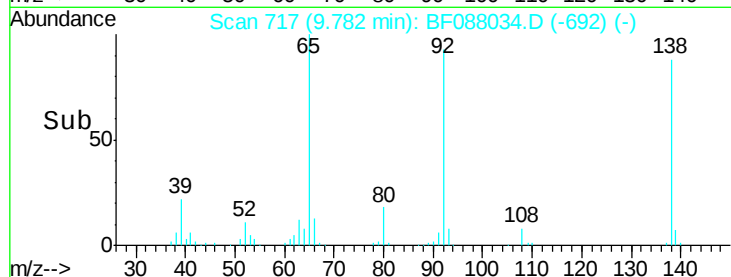
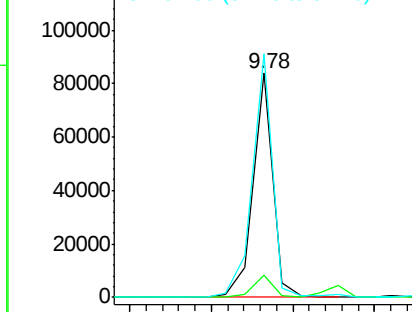
Tot Ion	Ratio	Lower	Upper
138	100		
108	9.9	8.5	12.7
92	108.7	95.7	143.5

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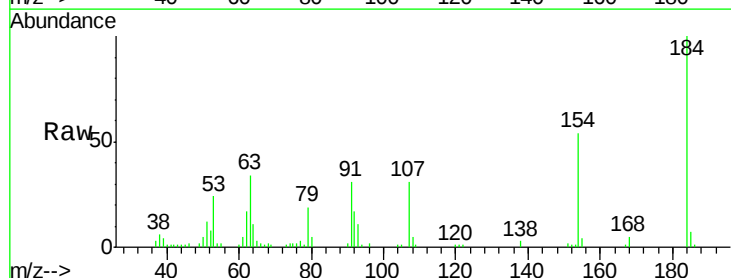


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF0

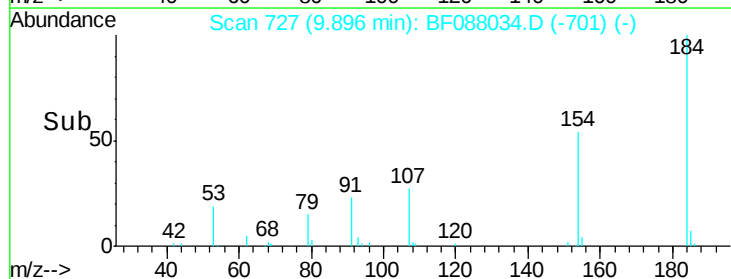
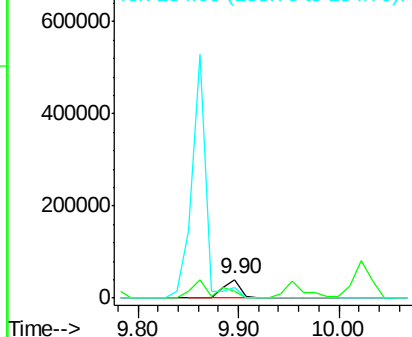


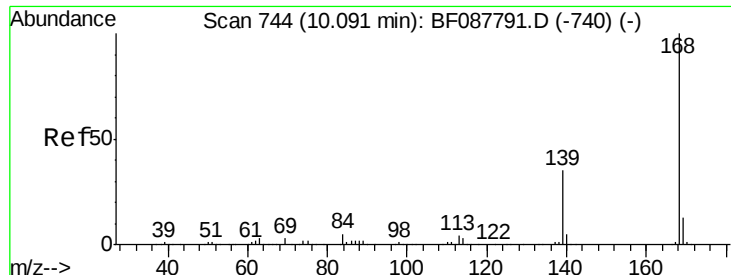
#53
 2,4-Dinitrophenol
 Concen: 33.33 ng
 RT: 9.90 min Scan# 727
 Delta R.T. -0.00 min
 Lab File: BF088034.D
 Acq: 15 Jun 2016 8:42

Tgt Ion	Ratio	Lower	Upper
184	100		
63	33.9	57.6	86.4#
154	54.5	53.5	80.3



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





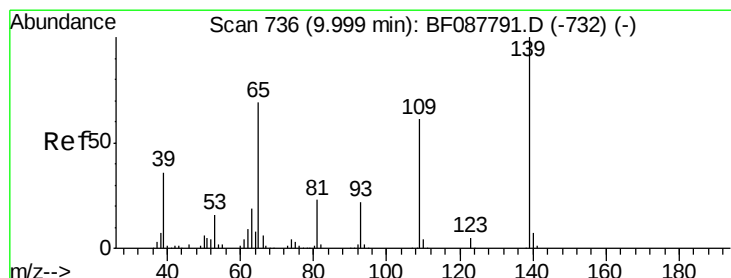
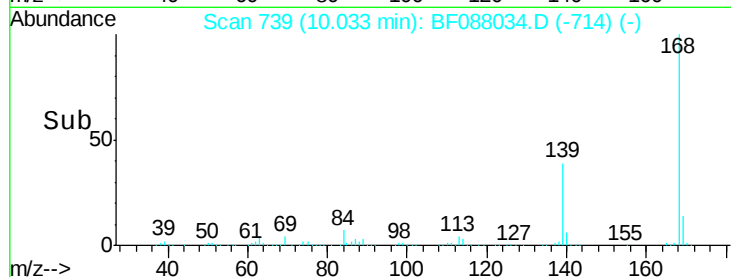
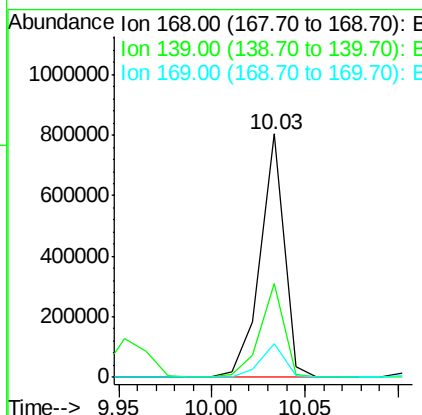
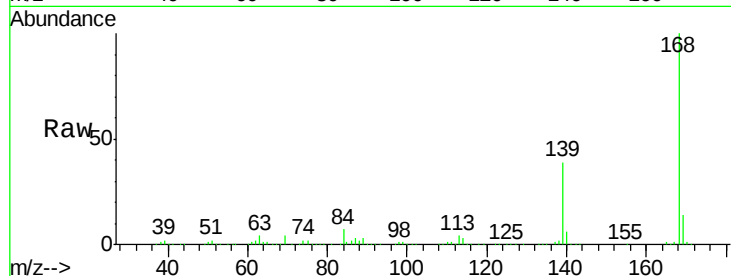
#54
Dibenzofuran
Concen: 39.57 ng
RT: 10.03 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF088034.D
Acq: 15 Jun 2016 8:42

Instrument :
BNA_F
ClientSampleId :
HSR-WC-50-060616MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.5	26.4	39.6
169	13.7	10.4	15.6

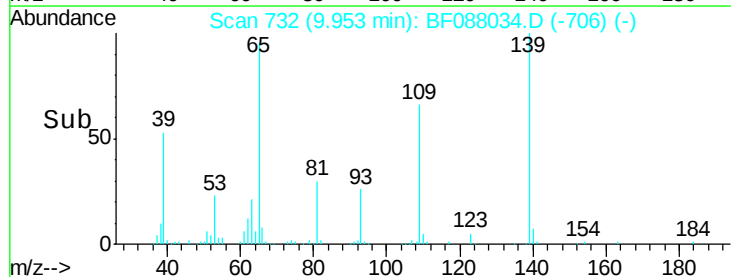
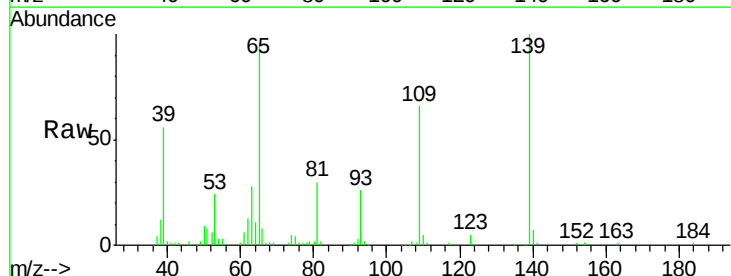
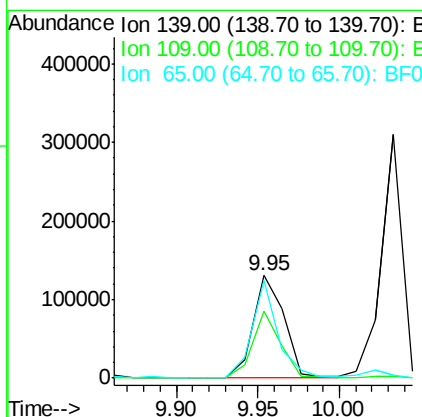
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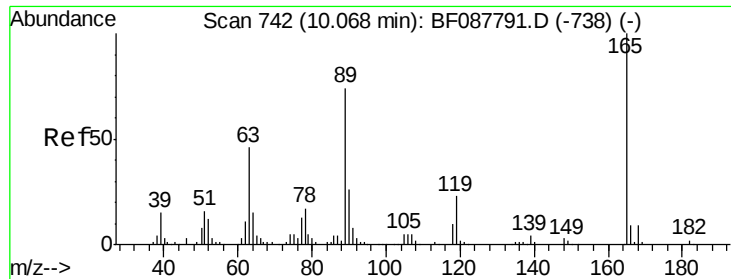
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#55
4-Nitrophenol
Concen: 56.80 ng
RT: 9.95 min Scan# 732
Delta R.T. -0.00 min
Lab File: BF088034.D
Acq: 15 Jun 2016 8:42

Tgt Ion	Ratio	Lower	Upper
139	100		
109	65.8	48.9	88.9
65	95.6	84.9	124.9





#56

2,4-Dinitrotoluene

Concen: 39.62 ng

RT: 10.02 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF088034.D

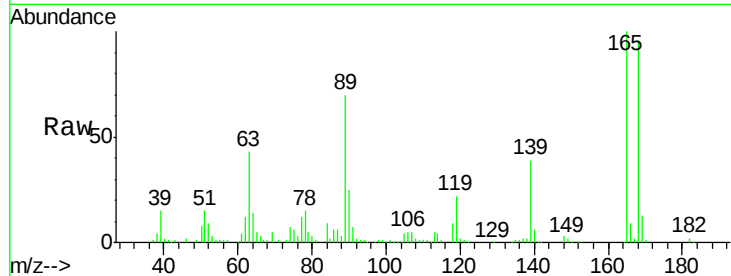
Acq: 15 Jun 2016 8:42

Instrument :

BNA_F

ClientSampleId :

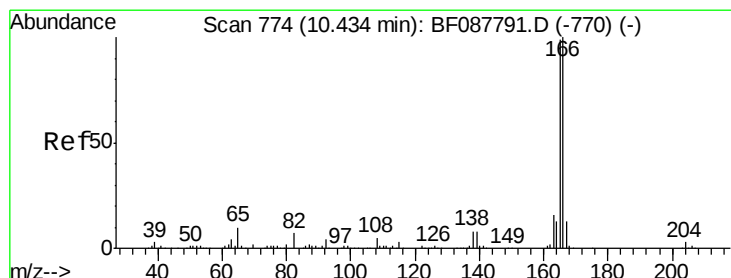
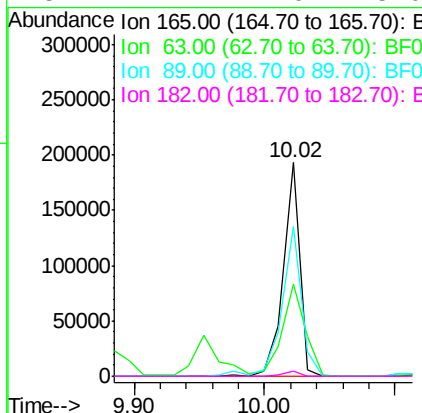
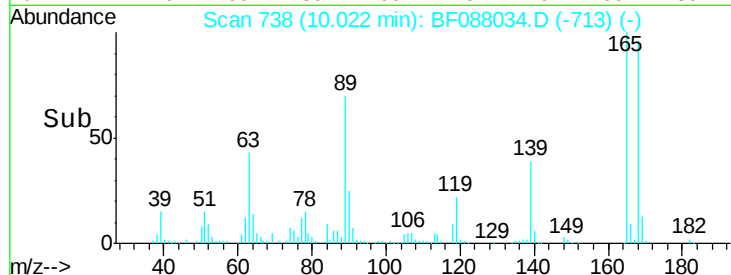
HSR-WC-50-060616MS



Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100				
63	42.9	22.0	33.0#		
89	70.1	41.1	61.7#		
182	2.2	2.0	3.0		

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#57

Fluorene

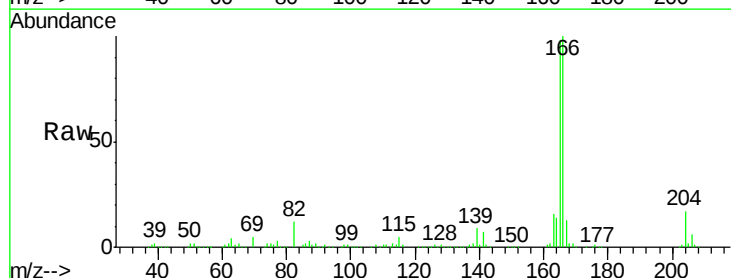
Concen: 43.88 ng

RT: 10.38 min Scan# 769

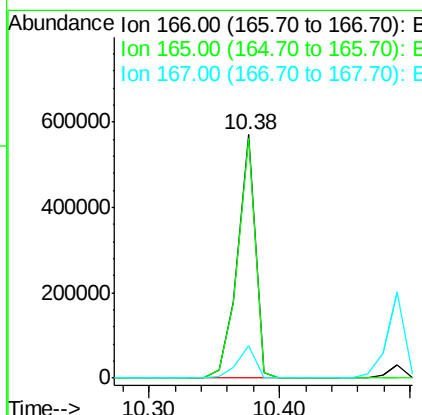
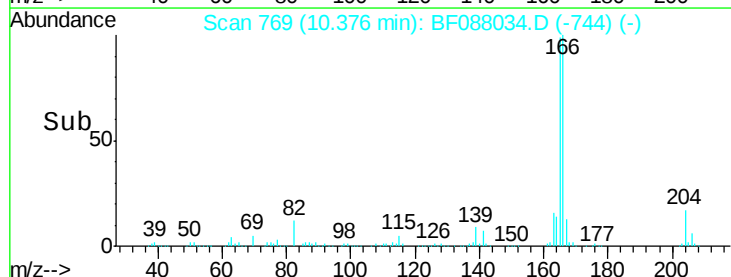
Delta R.T. -0.01 min

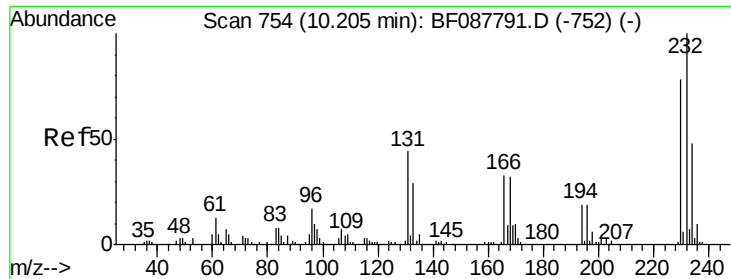
Lab File: BF088034.D

Acq: 15 Jun 2016 8:42



Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100				
165	98.5	77.8	116.8		
167	13.5	11.2	16.8		





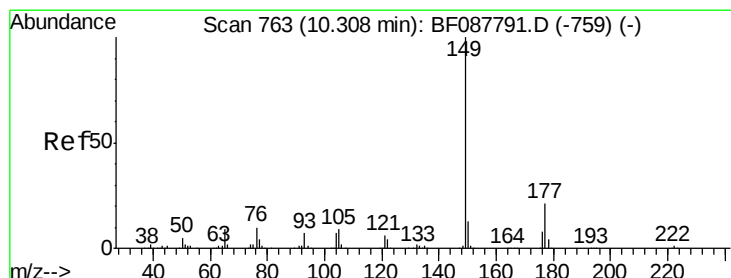
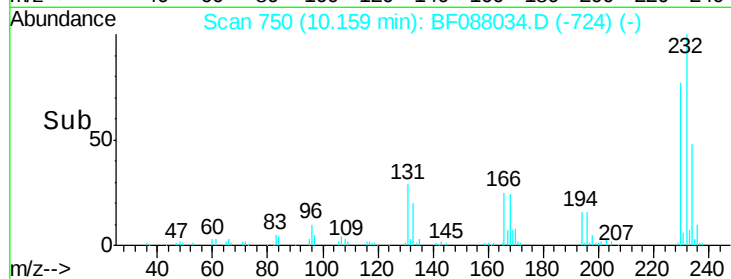
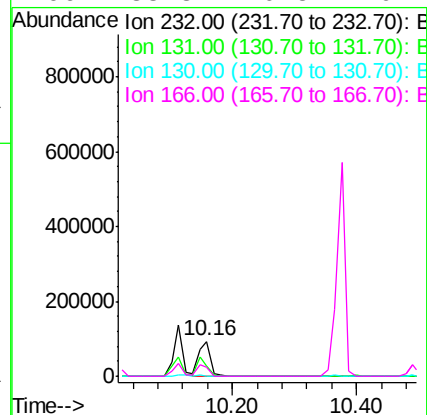
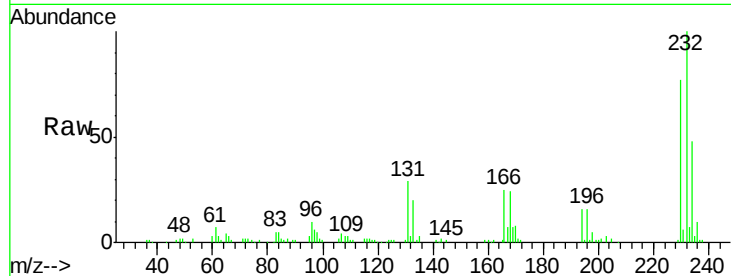
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 37.31 ng
 RT: 10.16 min Scan# 750
 Delta R.T. -0.00 min
 Lab File: BF088034.D
 Acq: 15 Jun 2016 8:42

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-50-060616MS

Tot Ion	Ratio	Resp Lower	Upper
232	100		
131	47.0	0.9	1.3#
130	2.2	1.5	2.3
166	33.3	0.5	0.7#

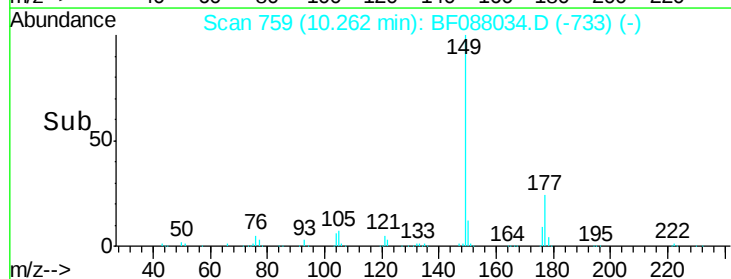
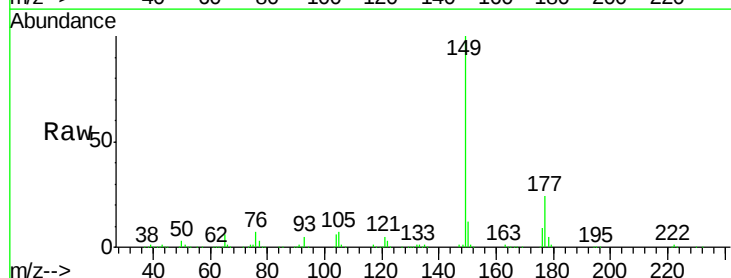
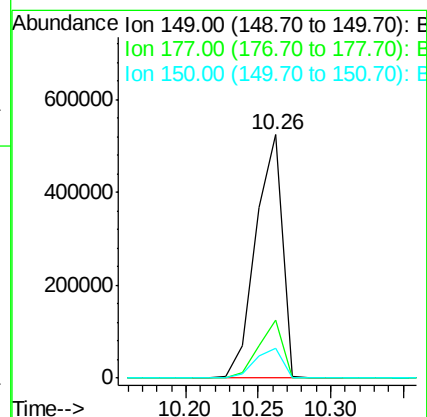
Manual Integrations
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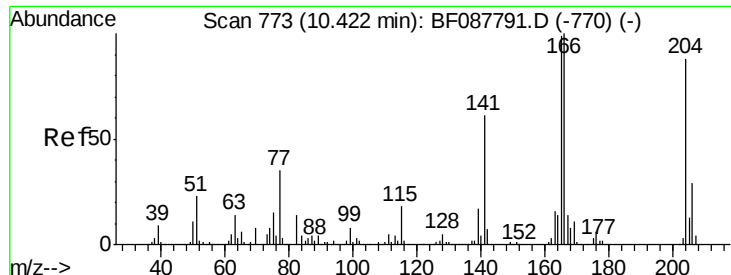
sohil
 6/15/2016 6:41:00 PM



#59
 Diethylphthalate
 Concen: 44.45 ng
 RT: 10.26 min Scan# 759
 Delta R.T. -0.00 min
 Lab File: BF088034.D
 Acq: 15 Jun 2016 8:42

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
177	23.7	16.9	25.3
150	12.3	10.1	15.1





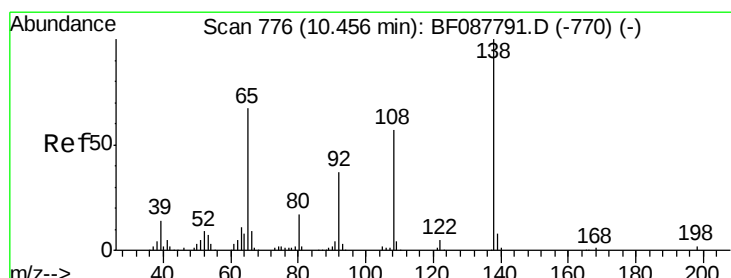
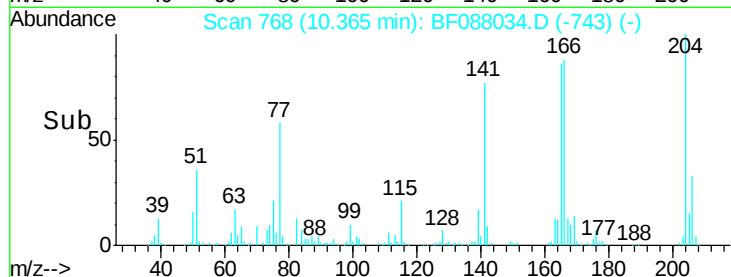
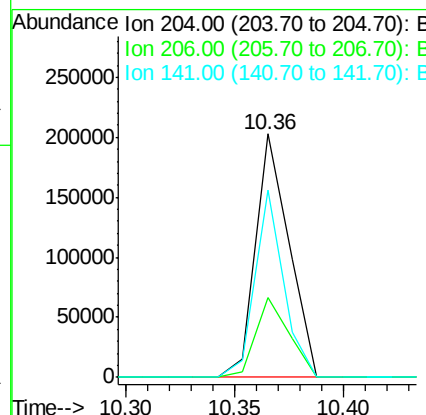
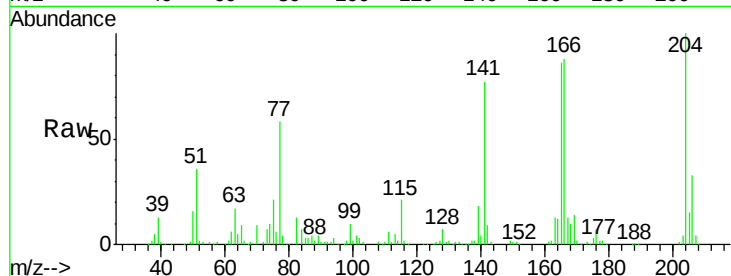
#60
4-Chlorophenyl-phenylether
Concen: 36.22 ng
RT: 10.36 min Scan# 768
Delta R.T. -0.01 min
Lab File: BF088034.D
Acq: 15 Jun 2016 8:42

Instrument :
BNA_F
ClientSampleID :
HSR-WC-50-060616MS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	217435		
206	32.7	26.3	39.5	
141	76.9	55.0	82.6	

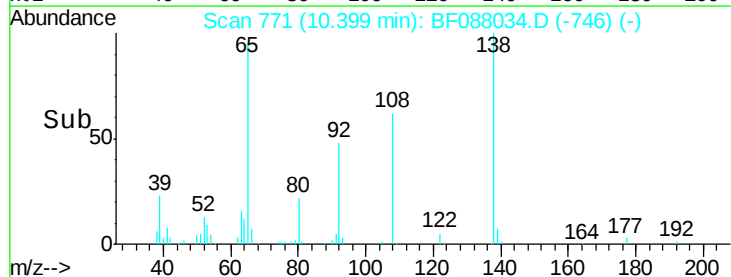
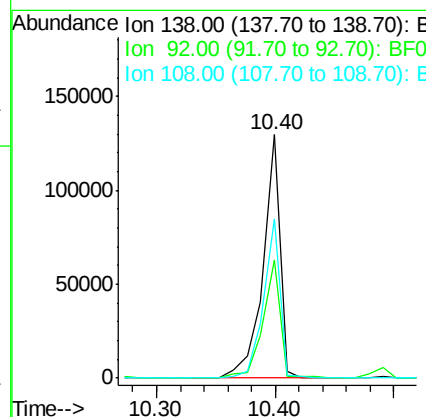
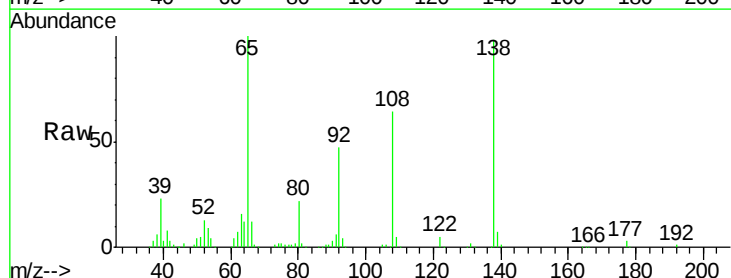
Manual Integrations
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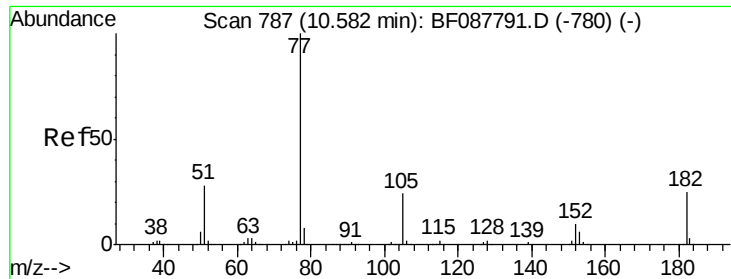
sohil
6/15/2016 6:41:00 PM



#61
4-Nitroaniline
Concen: 35.36 ng
RT: 10.40 min Scan# 771
Delta R.T. -0.01 min
Lab File: BF088034.D
Acq: 15 Jun 2016 8:42

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	131073		
92	48.3	27.3	67.3	
108	65.2	46.7	86.7	





#62

Azobenzene

Concen: 37.48 ng

RT: 10.52 min Scan# 782

Delta R.T. -0.01 min

Lab File: BF088034.D

Acq: 15 Jun 2016 8:42

Instrument :

BNA_F

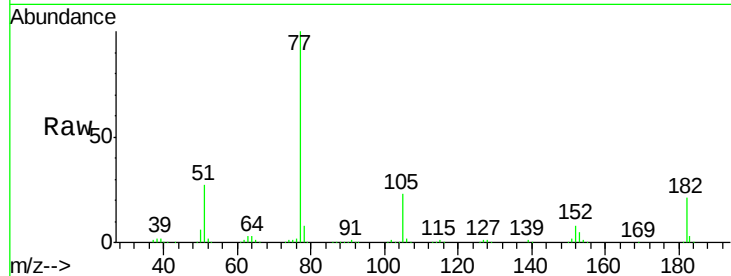
ClientSampleId :

HSR-WC-50-060616MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		554889		
182	20.9	4.4	44.4		
105	23.0	3.8	43.8		
51	26.9	9.3	49.3		

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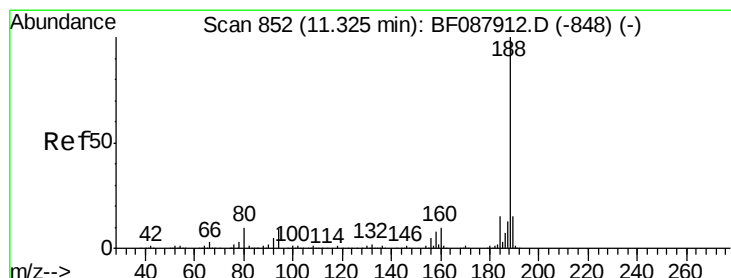
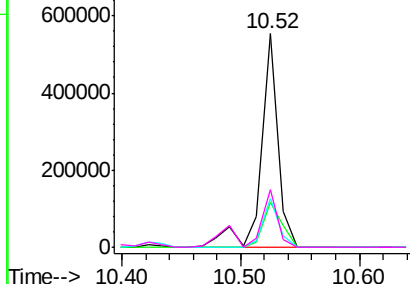
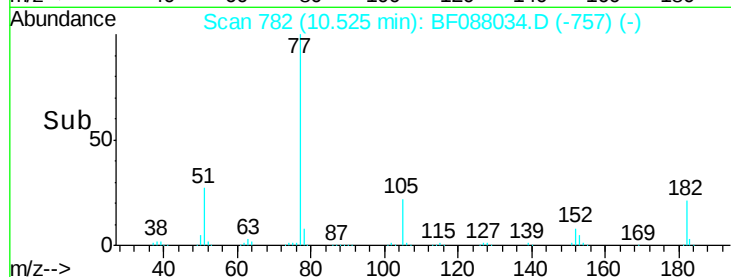


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

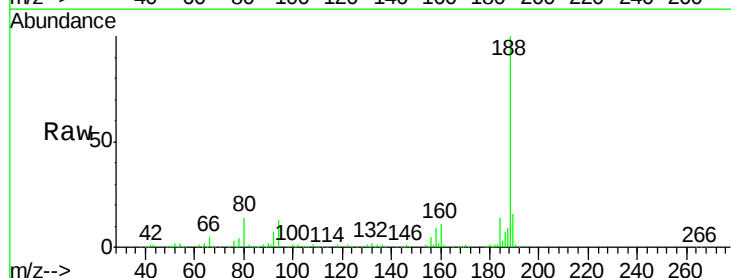
RT: 11.30 min Scan# 850

Delta R.T. -0.01 min

Lab File: BF088034.D

Acq: 15 Jun 2016 8:42

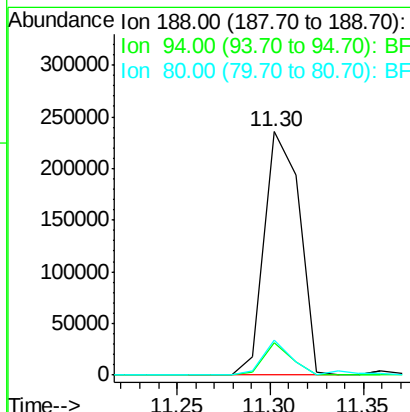
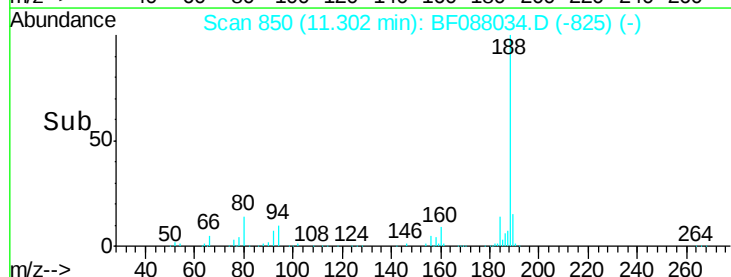
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		309105		
94	13.3	9.0	13.6		
80	14.5	10.0	15.0		

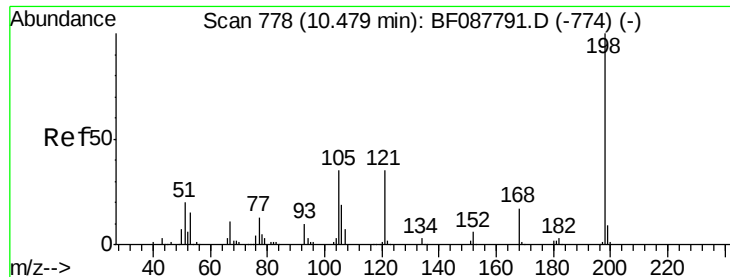


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 21.52 ng

RT: 10.43 min Scan# 774

Delta R.T. -0.00 min

Lab File: BF088034.D

Acq: 15 Jun 2016 8:42

Instrument :

BNA_F

ClientSampleId :

HSR-WC-50-060616MS

Tot Ion:198 Resp: 39121

Ion Ratio Lower Upper

198 100

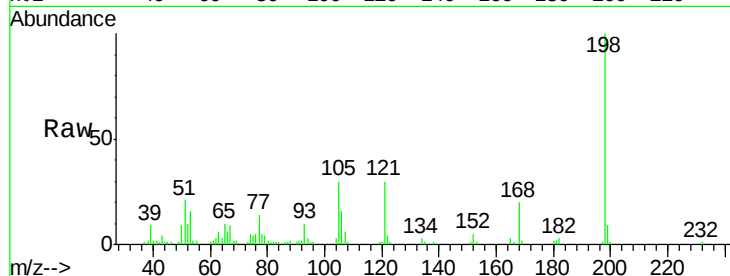
51 21.3 39.6 79.6#

105 30.0 36.6 76.6#

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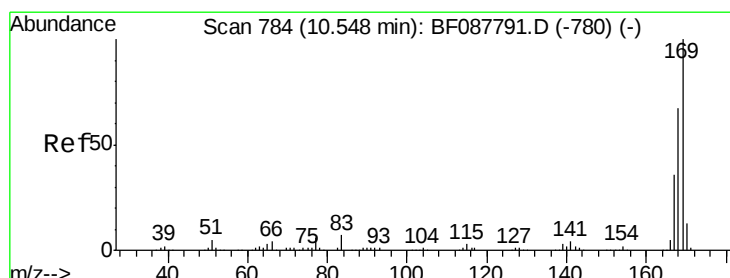
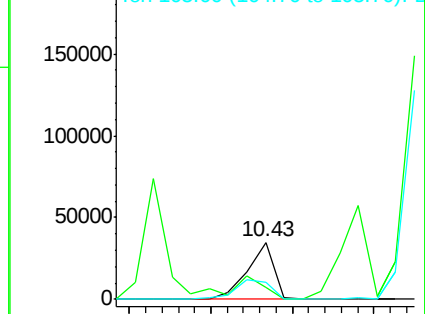
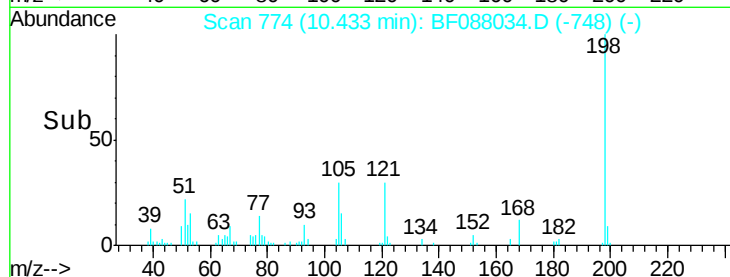
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 49.90 ng

RT: 10.49 min Scan# 779

Delta R.T. -0.01 min

Lab File: BF088034.D

Acq: 15 Jun 2016 8:42

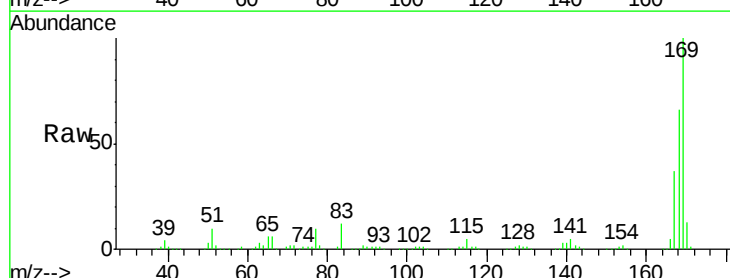
Tgt Ion:169 Resp: 511837

Ion Ratio Lower Upper

169 100

168 66.4 53.4 80.0

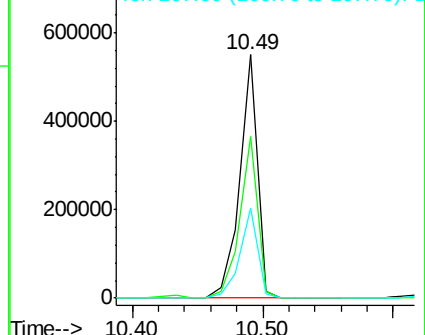
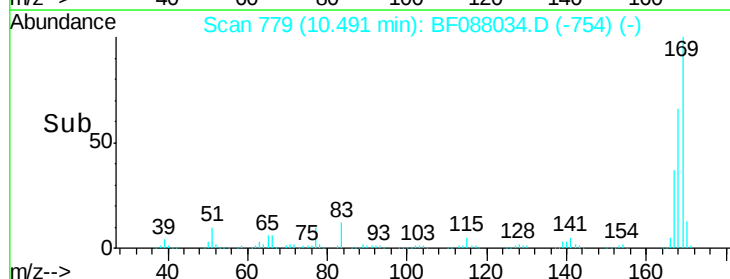
167 36.9 29.4 44.0

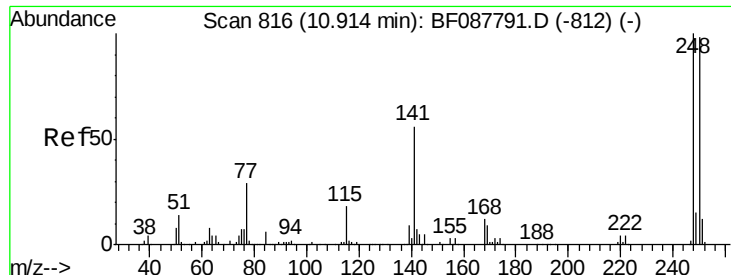


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





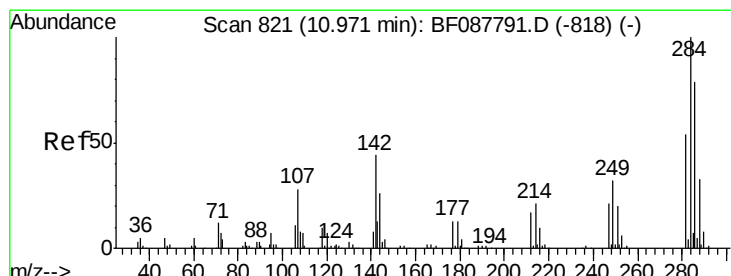
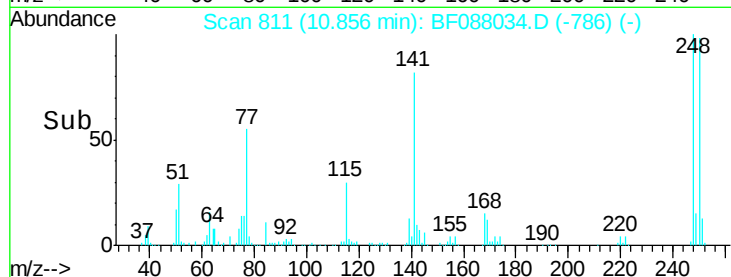
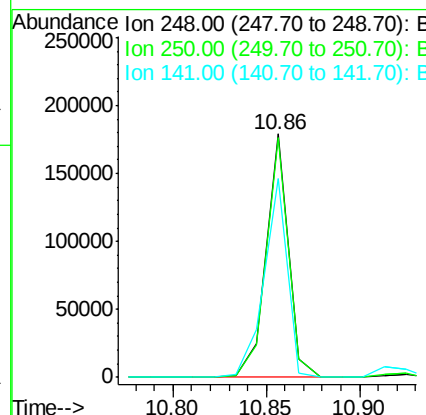
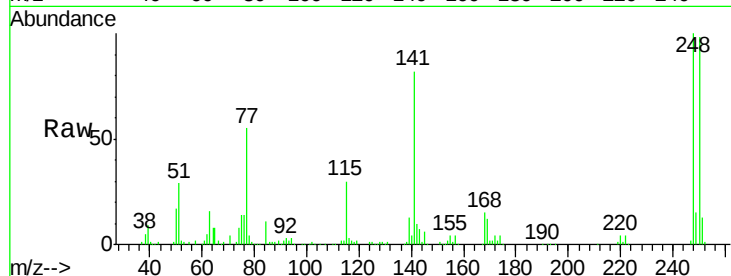
#66
4-Bromophenyl-phenylether
Concen: 45.26 ng
RT: 10.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF088034.D
Acq: 15 Jun 2016 8:42

Instrument :
BNA_F
ClientSampleId :
HSR-WC-50-060616MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.3	77.1	115.7
141	81.7	50.6	76.0

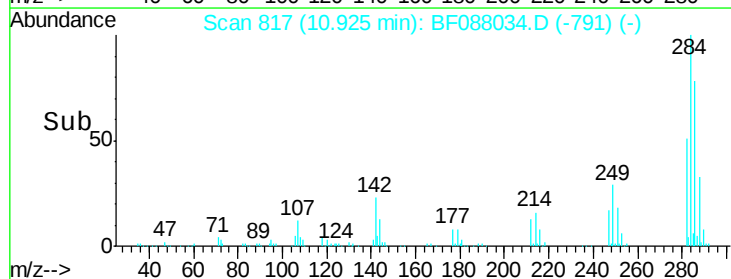
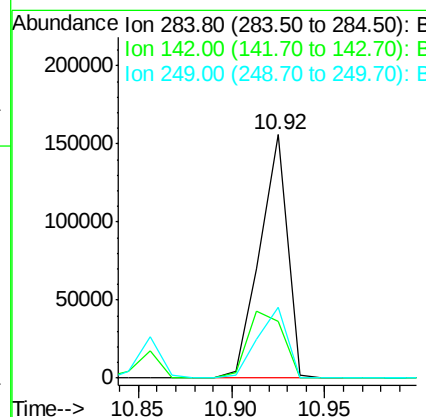
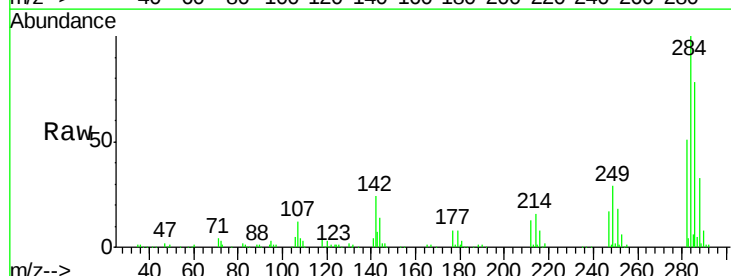
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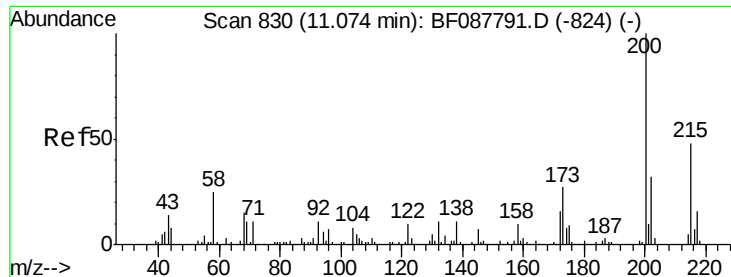
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#67
Hexachlorobenzene
Concen: 46.20 ng
RT: 10.92 min Scan# 817
Delta R.T. -0.00 min
Lab File: BF088034.D
Acq: 15 Jun 2016 8:42

Tgt Ion	Ratio	Lower	Upper
284	100		
142	23.5	35.8	53.8
249	29.0	25.8	38.6





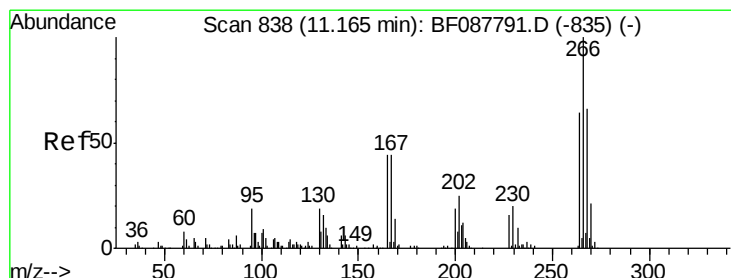
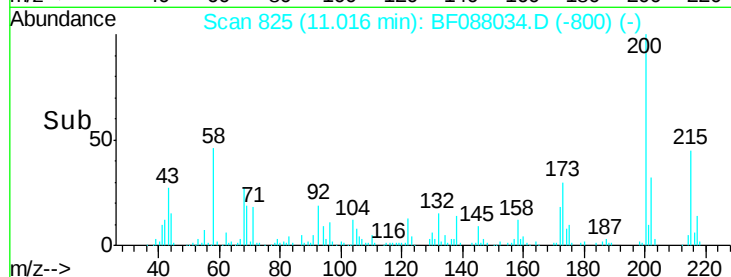
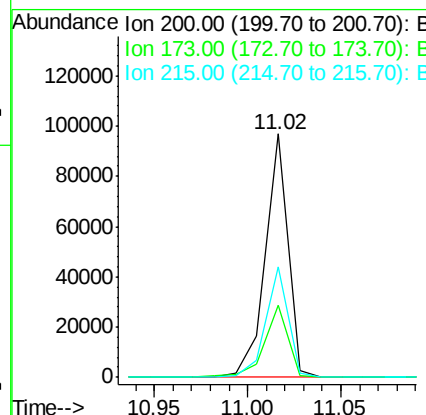
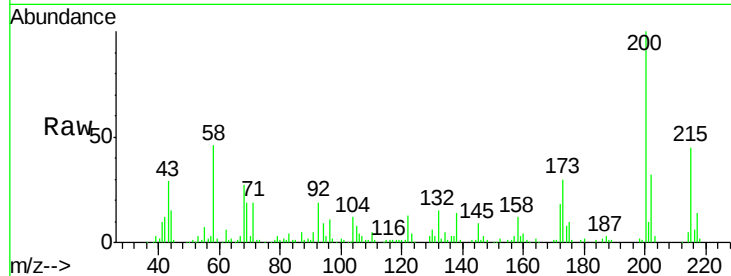
#68
Atrazine
Concen: 26.01 ng
RT: 11.02 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF088034.D
Acq: 15 Jun 2016 8:42

Instrument :
BNA_F
ClientSampleId :
HSR-WC-50-060616MS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	29.8	4.0	44.0
215	45.5	29.3	69.3

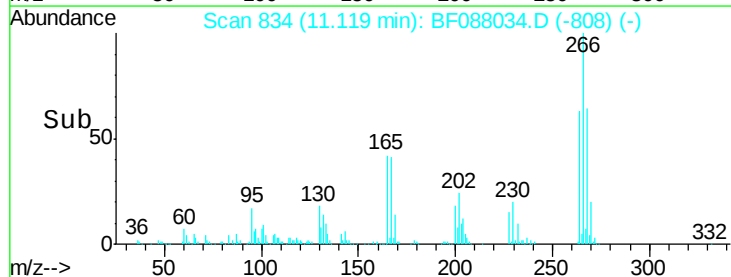
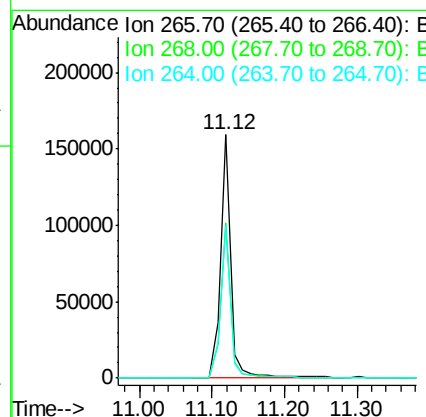
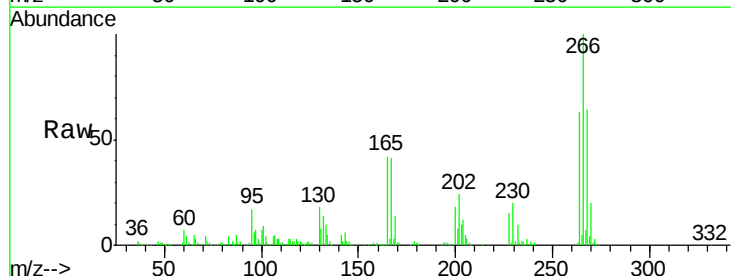
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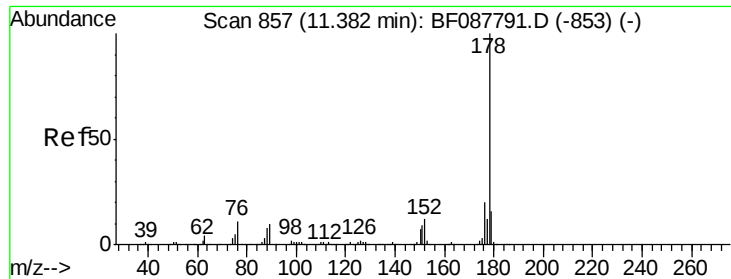
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#69
Pentachlorophenol
Concen: 87.57 ng
RT: 11.12 min Scan# 834
Delta R.T. -0.00 min
Lab File: BF088034.D
Acq: 15 Jun 2016 8:42

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	63.9	52.8	79.2
264	62.7	49.6	74.4





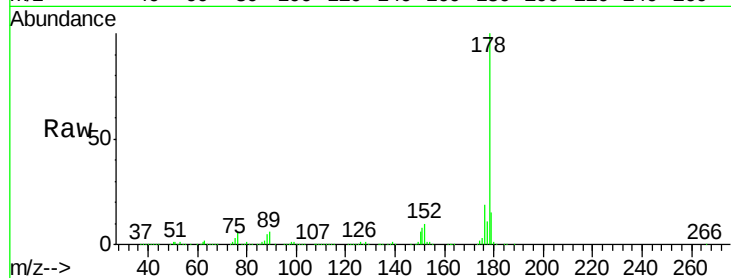
#70
Phenanthrene
Concen: 47.14 ng
RT: 11.34 min Scan# 853
Delta R.T. -0.01 min
Lab File: BF088034.D
Acq: 15 Jun 2016 8:42

Instrument :
BNA_F
ClientSampleId :
HSR-WC-50-060616MS

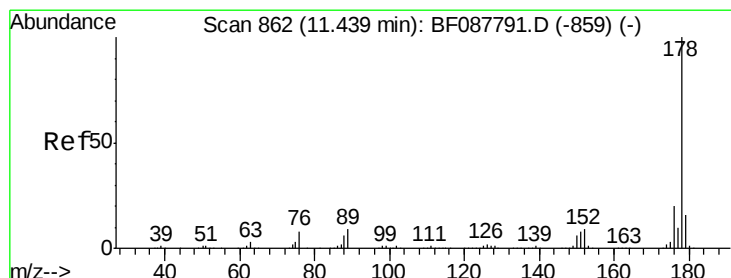
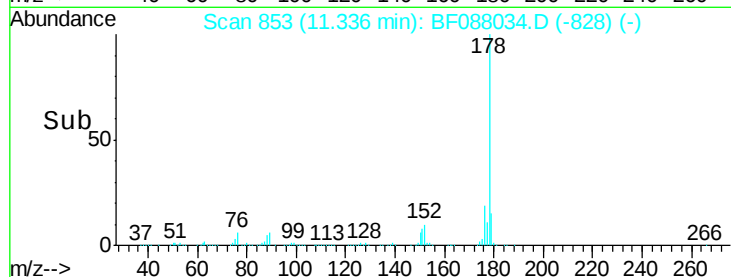
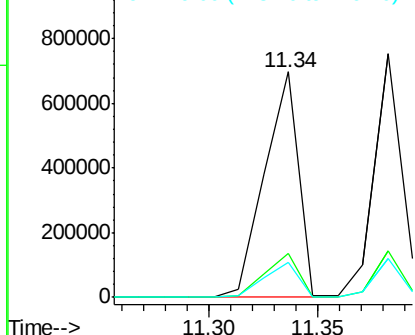
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.6
179	15.4	13.0	19.4

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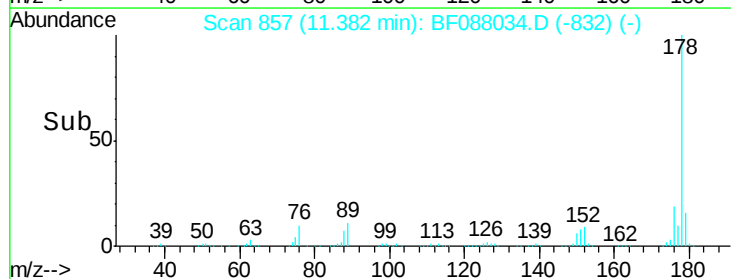
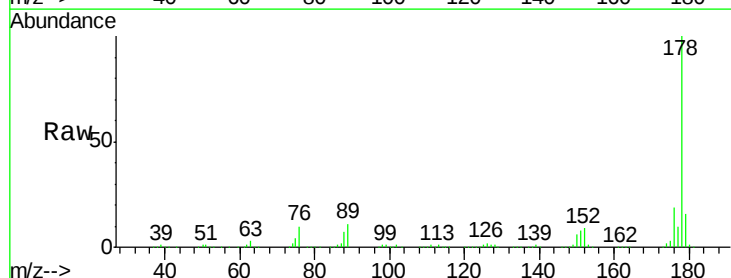
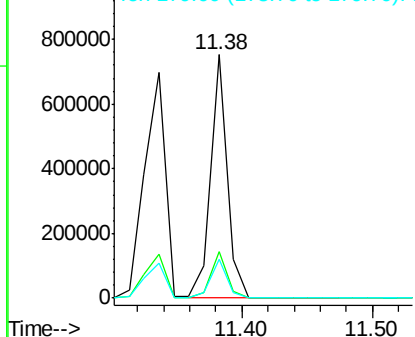
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

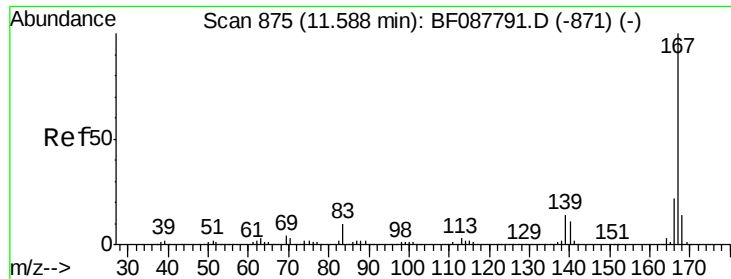


#71
Anthracene
Concen: 41.14 ng
RT: 11.38 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF088034.D
Acq: 15 Jun 2016 8:42

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.6	23.4
179	16.0	12.8	19.2

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





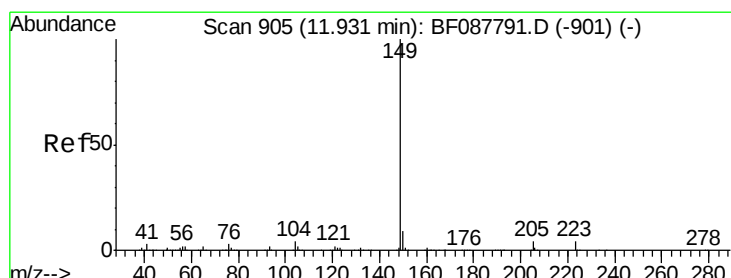
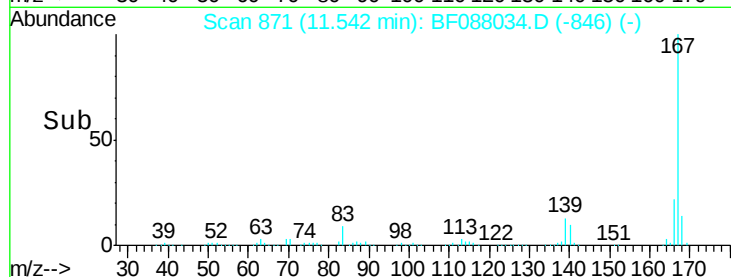
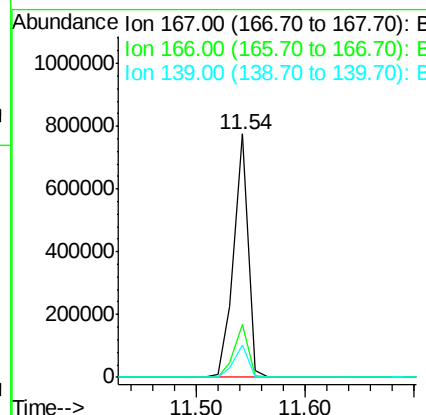
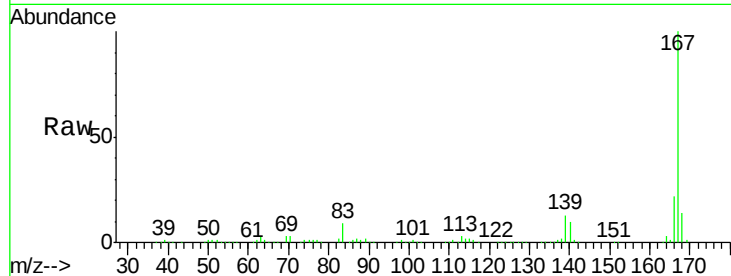
#72
 Carbazole
 Concen: 46.54 ng
 RT: 11.54 min Scan# 871
 Delta R.T. -0.01 min
 Lab File: BF088034.D
 Acq: 15 Jun 2016 8:42

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-50-060616MS

Tot Ion	Ratio	Resp	Lower	Upper
167	100	712505		
166	21.8		17.8	26.6
139	13.3		11.2	16.8

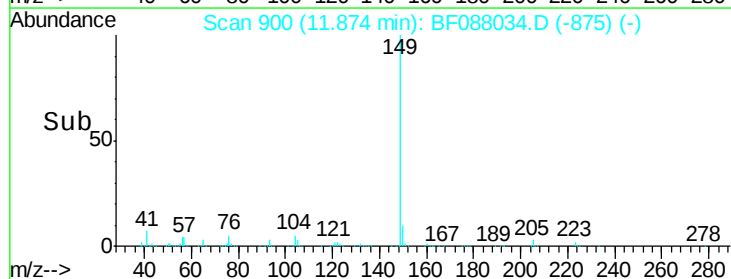
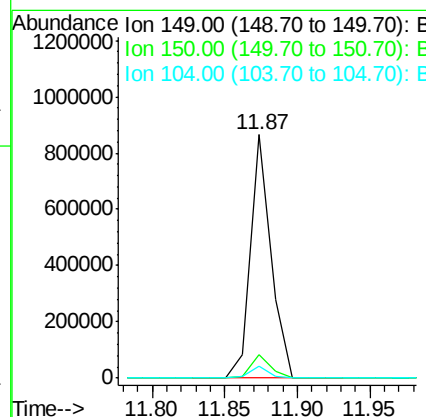
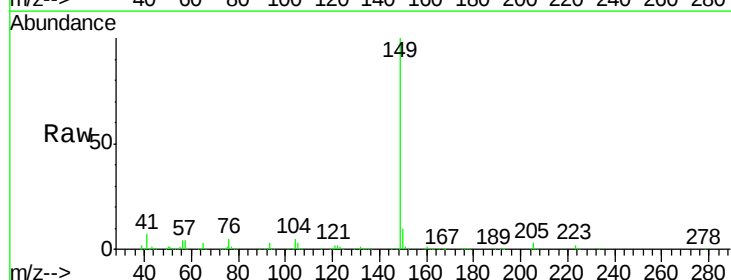
Manual Integrations
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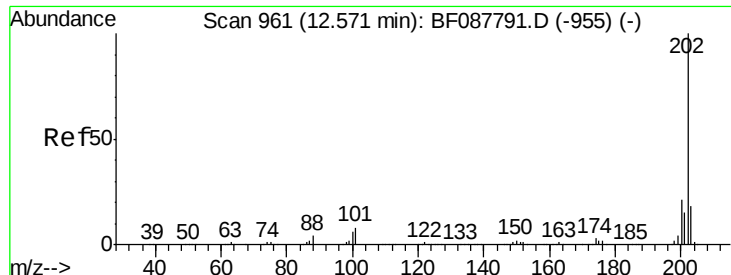
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#73
 Di-n-butylphthalate
 Concen: 43.51 ng
 RT: 11.87 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BF088034.D
 Acq: 15 Jun 2016 8:42

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	843317		
150	9.7		7.8	11.6
104	5.0		4.0	6.0





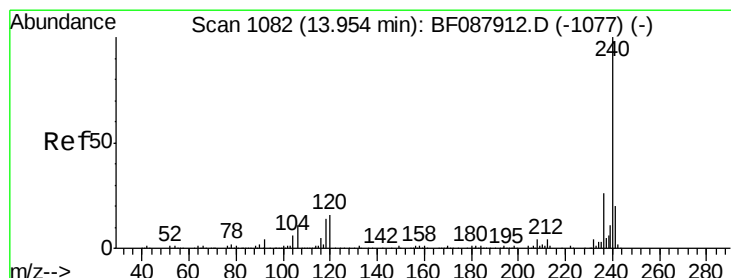
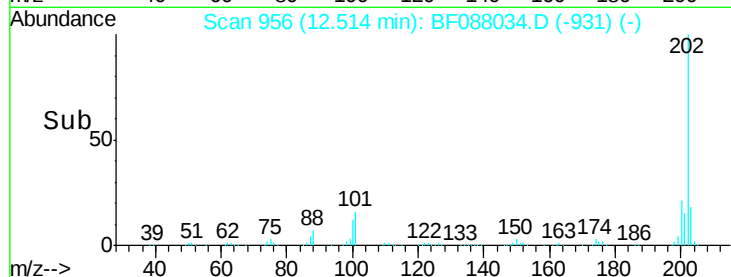
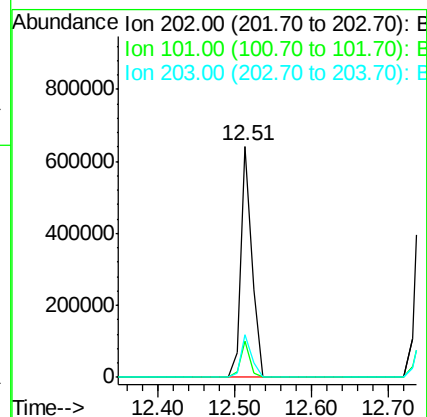
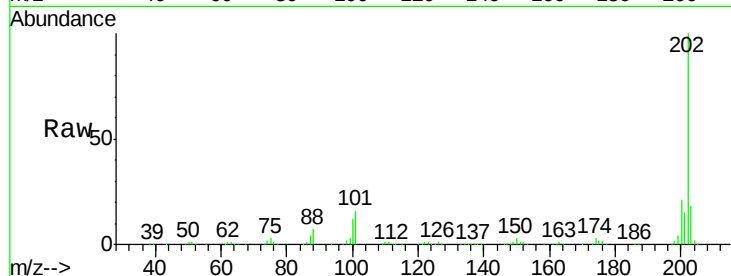
#74
Fluoranthene
 Concen: 38.56 ng
 RT: 12.51 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: BF088034.D
 Acq: 15 Jun 2016 8:42

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-50-060616MS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	15.7	0.0	33.1
203	18.4	0.0	38.1

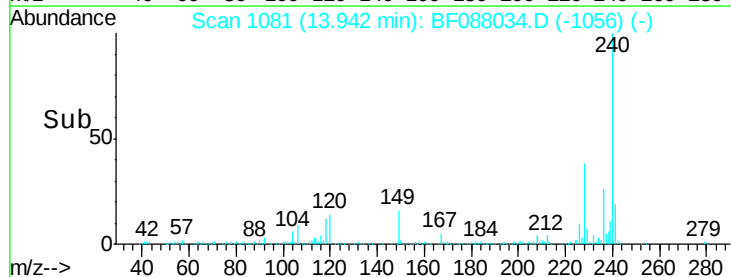
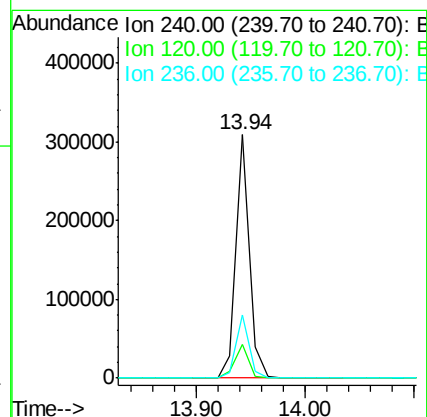
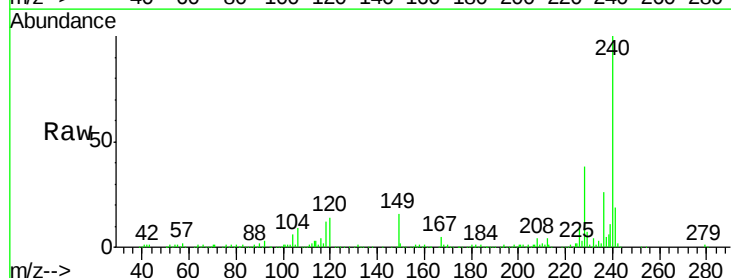
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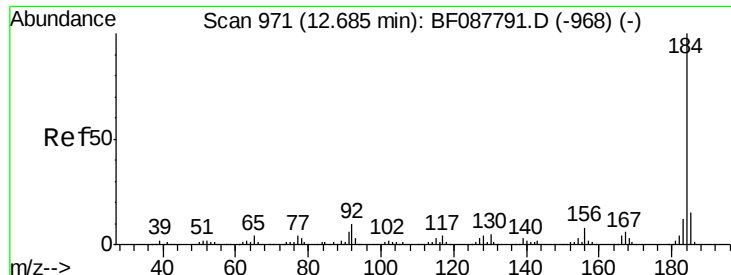
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#75
Chrysene-d12
 Concen: 20.00 ng
 RT: 13.94 min Scan# 1081
 Delta R.T. -0.01 min
 Lab File: BF088034.D
 Acq: 15 Jun 2016 8:42

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	13.9	6.8	10.2#
236	25.8	20.2	30.2





#76

Benzidine

Concen: 23.71 ng

RT: 12.64 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF088034.D

Acq: 15 Jun 2016 8:42

Instrument :

BNA_F

ClientSampleId :

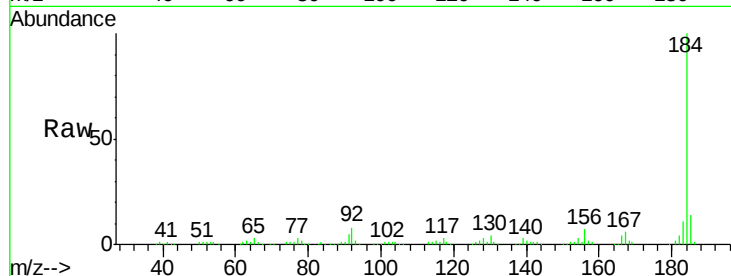
HSR-WC-50-060616MS

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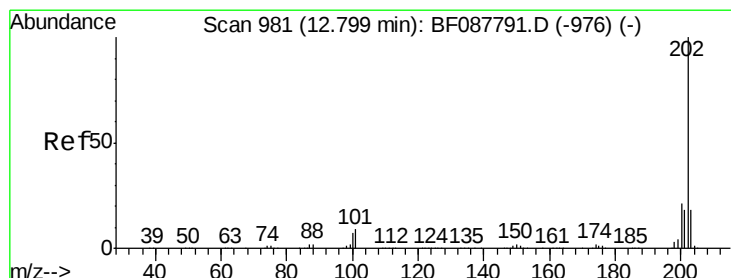
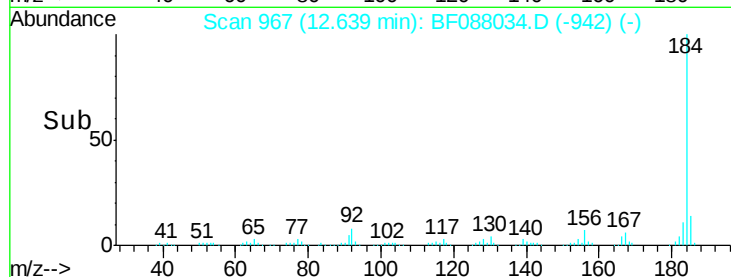
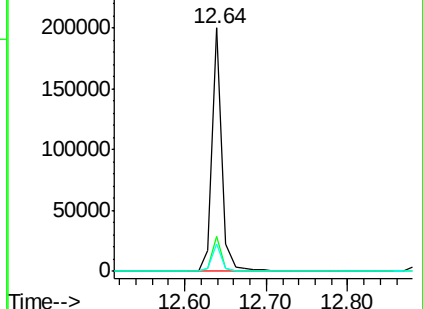
Tot Ion:	184	Resp:	171945
Ion Ratio	Lower	Upper	
184	100		
185	14.3	12.5	18.7
183	11.3	9.3	13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 34.41 ng

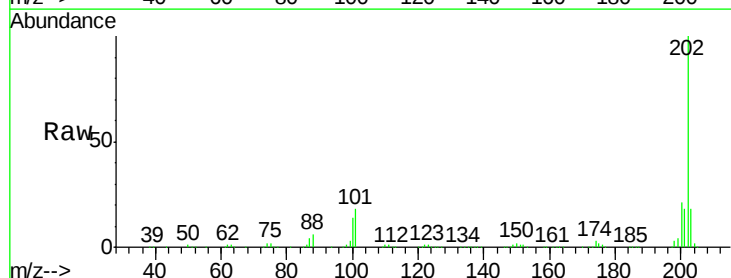
RT: 12.74 min Scan# 976

Delta R.T. -0.01 min

Lab File: BF088034.D

Acq: 15 Jun 2016 8:42

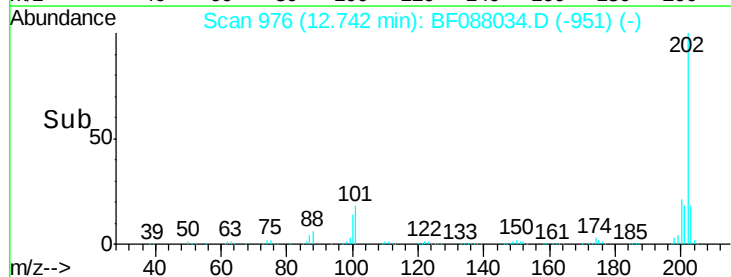
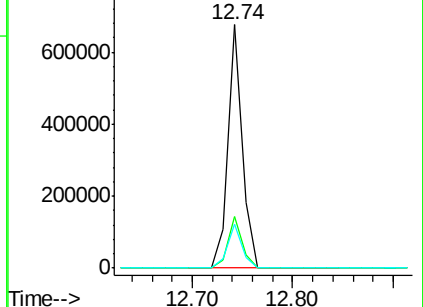
Tgt Ion:	202	Resp:	668681
Ion Ratio	Lower	Upper	
202	100		
200	21.3	17.4	26.2
203	17.9	14.5	21.7

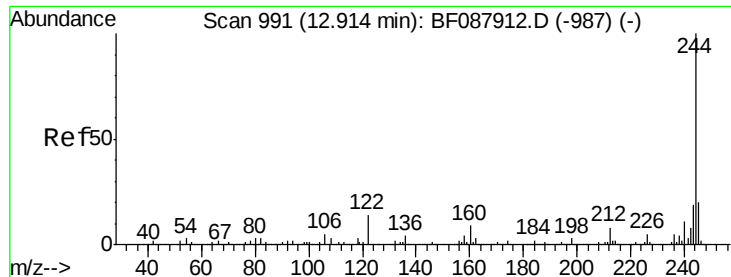


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





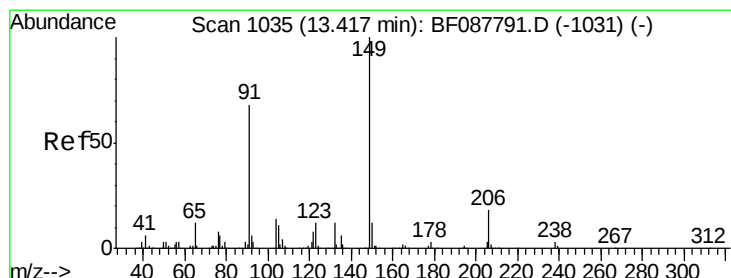
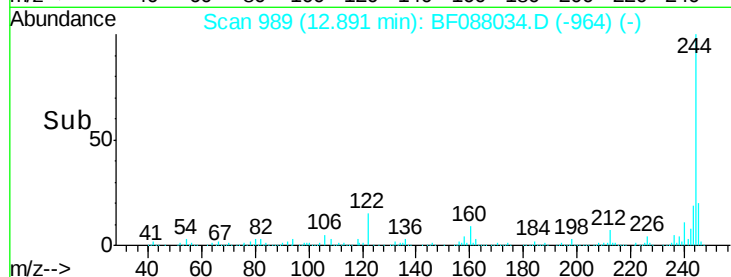
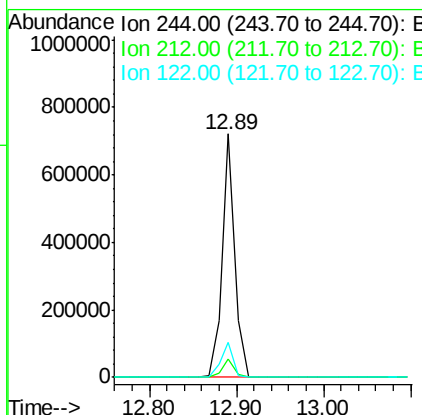
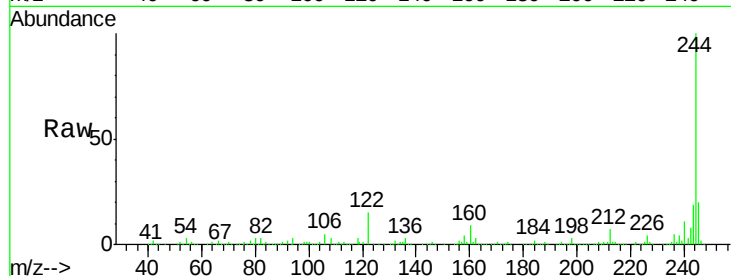
#78
 Terphenyl-d14
 Concen: 63.66 ng
 RT: 12.89 min Scan# 989
 Delta R.T. -0.01 min
 Lab File: BF088034.D
 Acq: 15 Jun 2016 8:42

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-50-060616MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	14.6	11.2	16.8

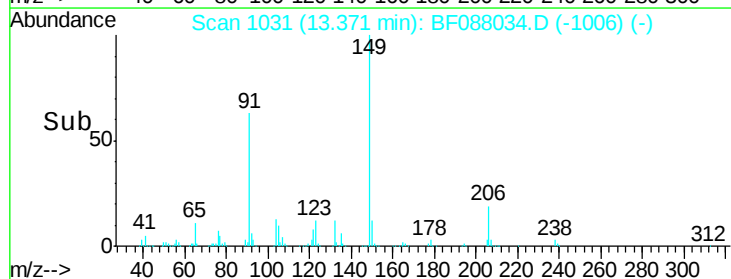
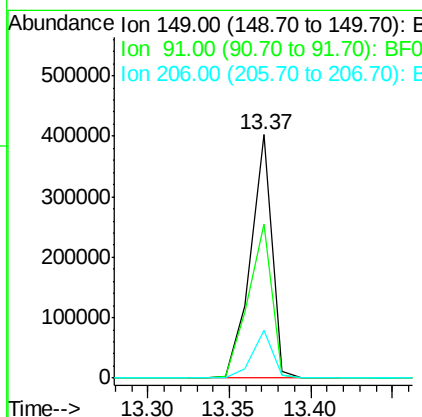
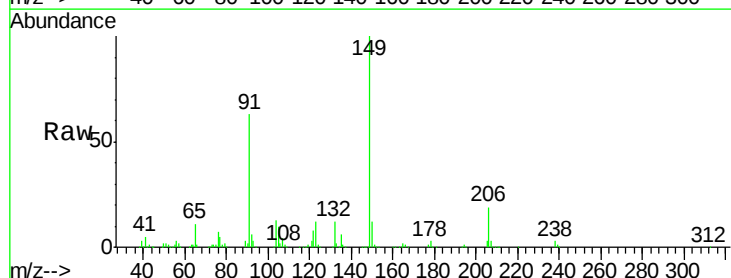
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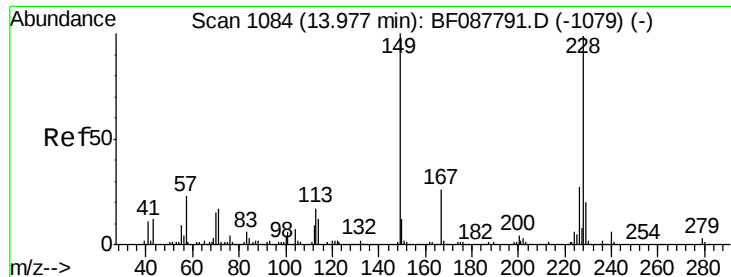
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#79
 Butylbenzylphthalate
 Concen: 42.81 ng
 RT: 13.37 min Scan# 1031
 Delta R.T. -0.01 min
 Lab File: BF088034.D
 Acq: 15 Jun 2016 8:42

Tgt Ion	Ratio	Lower	Upper
149	100		
91	63.5	48.0	72.0
206	19.4	16.0	24.0





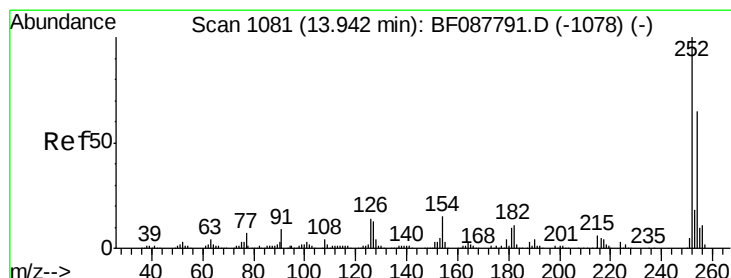
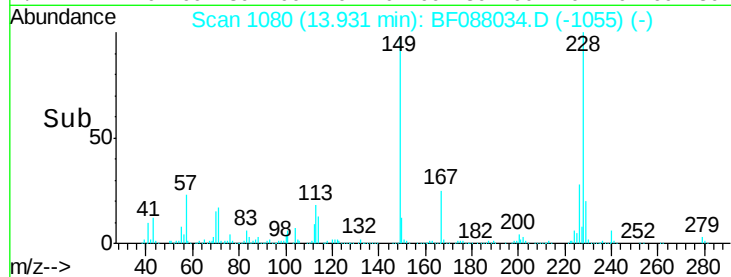
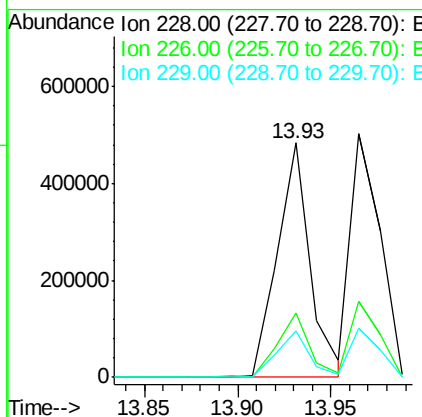
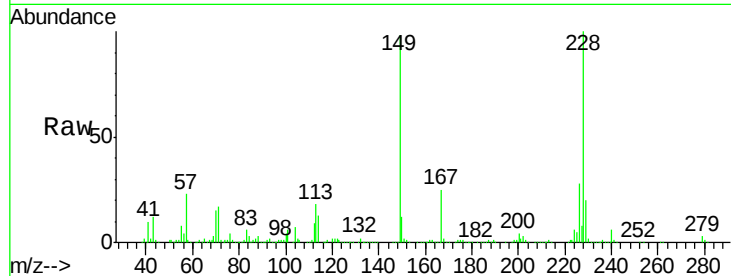
#80
Benzo(a)anthracene
Concen: 39.52 ng
RT: 13.93 min Scan# 1080
Delta R.T. -0.01 min
Lab File: BF088034.D
Acq: 15 Jun 2016 8:42

Instrument :
BNA_F
ClientSampleId :
HSR-WC-50-060616MS

Tot Ion	Ratio	Resp	Lower	Upper
228	100	589729		
226	27.6		22.3	33.5
229	19.9		16.0	24.0

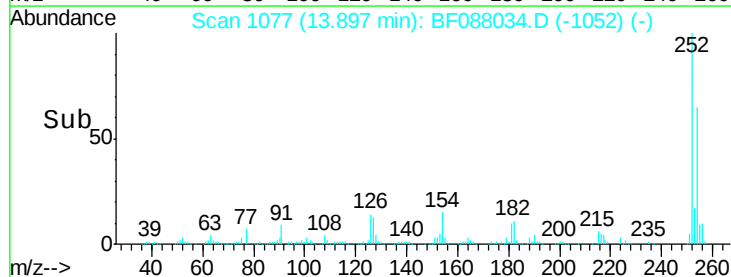
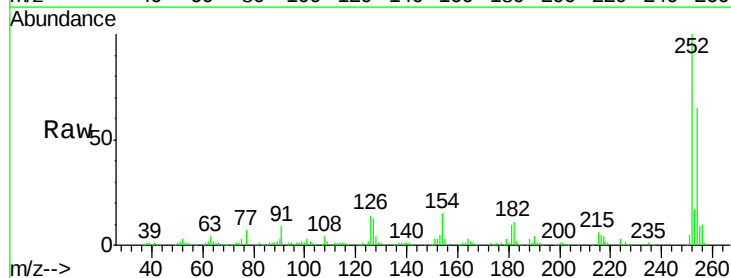
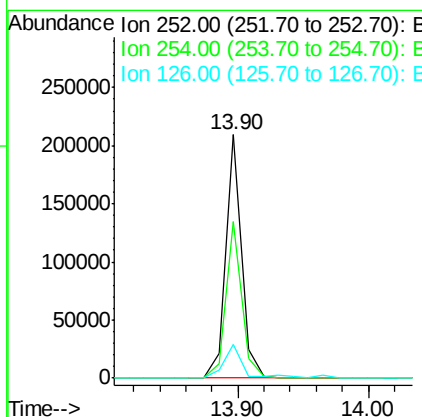
Manual Integrations
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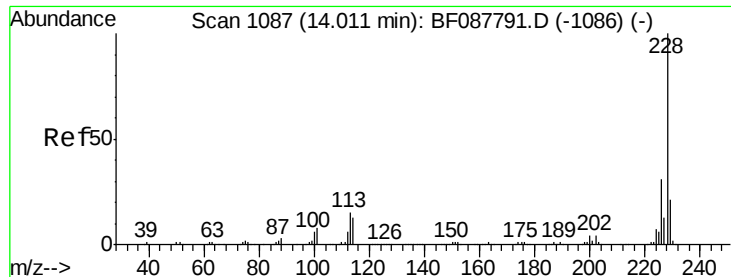
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#81
3,3'-Dichlorobenzidine
Concen: 44.04 ng
RT: 13.90 min Scan# 1077
Delta R.T. -0.01 min
Lab File: BF088034.D
Acq: 15 Jun 2016 8:42

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	176742		
254	64.5		52.6	78.8
126	13.7		6.2	9.2#





#82

Chrysene

Concen: 40.20 ng

RT: 13.97 min Scan# 1083

Delta R.T. -0.01 min

Lab File: BF088034.D

Acq: 15 Jun 2016 8:42

Instrument :

BNA_F

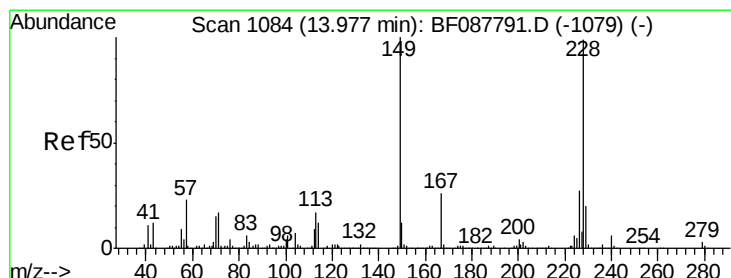
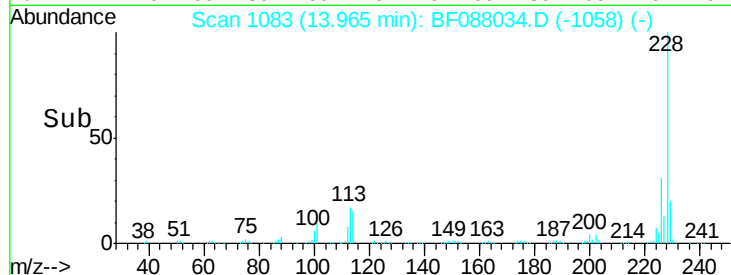
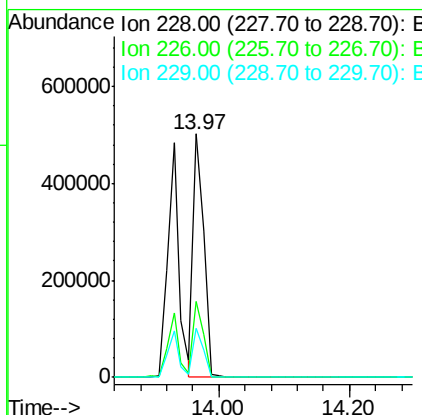
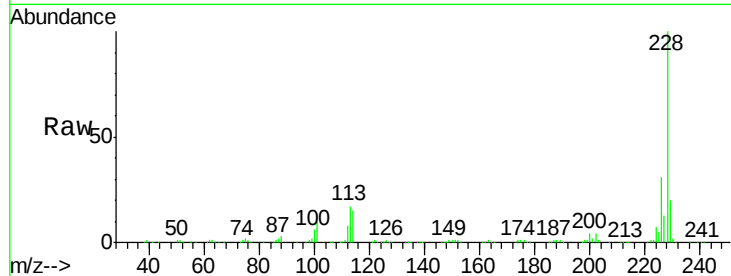
ClientSampleId :

HSR-WC-50-060616MS

Tot Ion:	228	Resp:	564369
Ion Ratio	Lower	Upper	
228	100		
226	31.0	25.4	38.2
229	20.2	16.3	24.5

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#83

Bis(2-ethylhexyl)phthalate

Concen: 41.04 ng

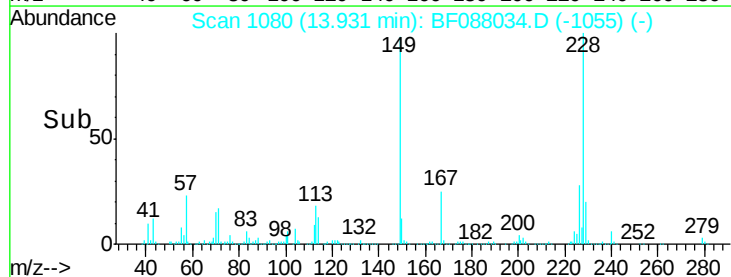
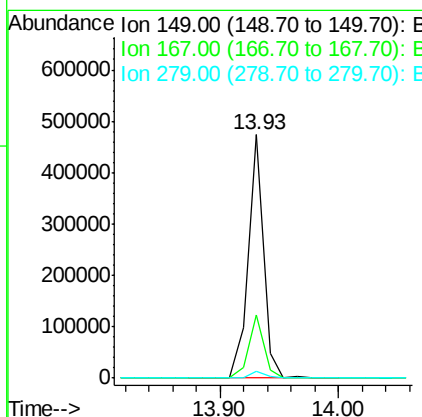
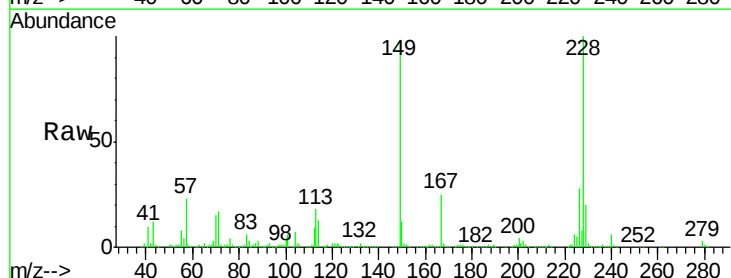
RT: 13.93 min Scan# 1080

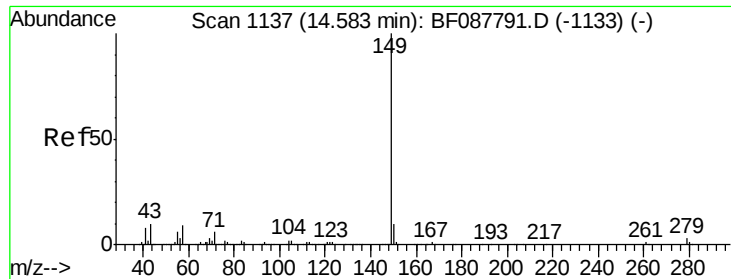
Delta R.T. -0.01 min

Lab File: BF088034.D

Acq: 15 Jun 2016 8:42

Tgt Ion:	149	Resp:	429276
Ion Ratio	Lower	Upper	
149	100		
167	25.8	20.5	30.7
279	2.9	2.0	3.0





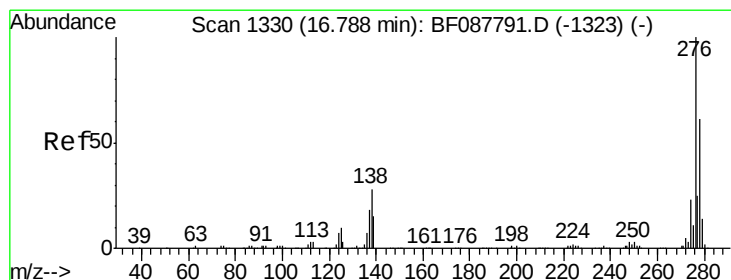
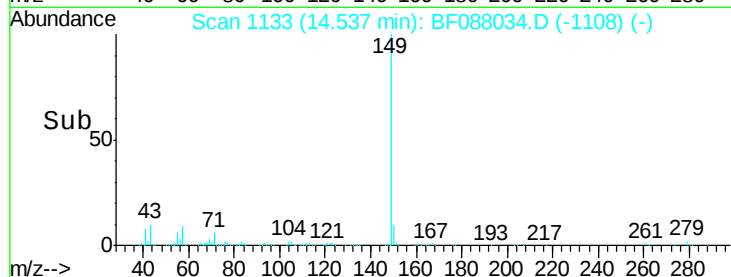
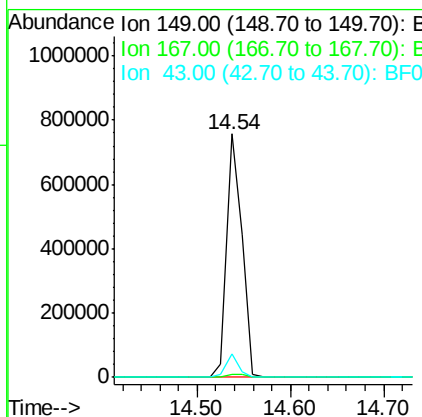
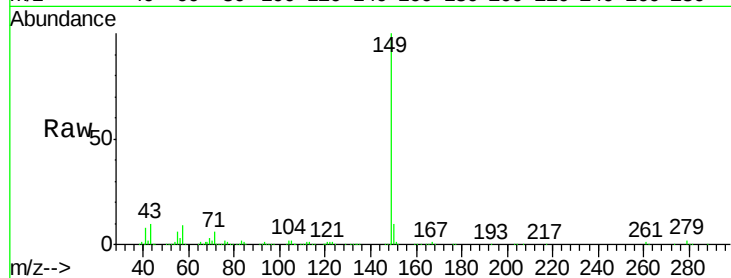
#84
Di-n-octyl phthalate
Concen: 50.81 ng
RT: 14.54 min Scan# 1133
Delta R.T. -0.01 min
Lab File: BF088034.D
Acq: 15 Jun 2016 8:42

Instrument :
BNA_F
ClientSampleId :
HSR-WC-50-060616MS

Tot Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	1.6	0.0	0.0#
43	8.2	0.0	0.0#

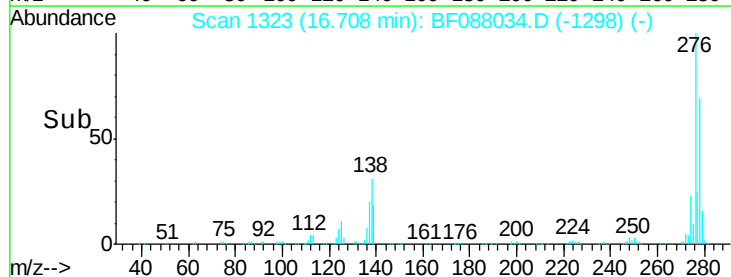
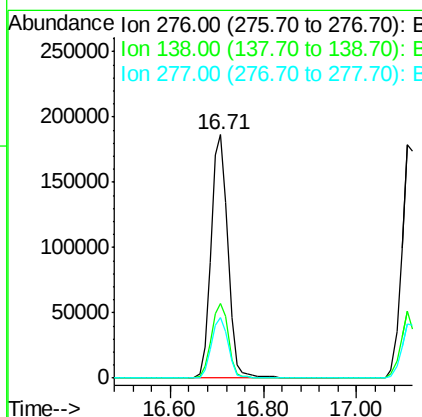
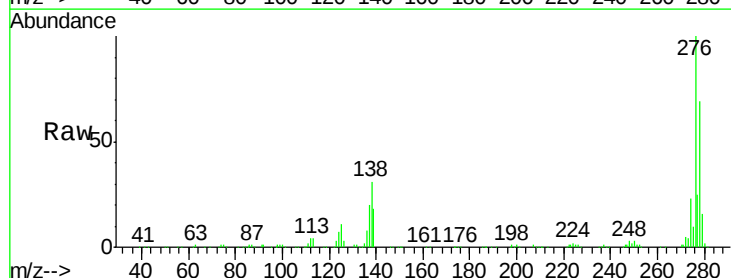
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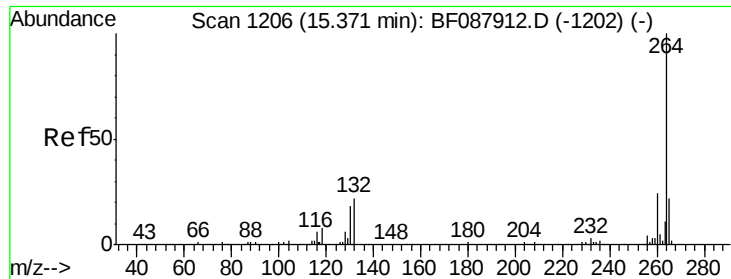
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#85
Indeno(1,2,3-cd)pyrene
Concen: 36.03 ng
RT: 16.71 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF088034.D
Acq: 15 Jun 2016 8:42

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	31.1	0.0	0.0#
277	25.0	0.0	0.0#





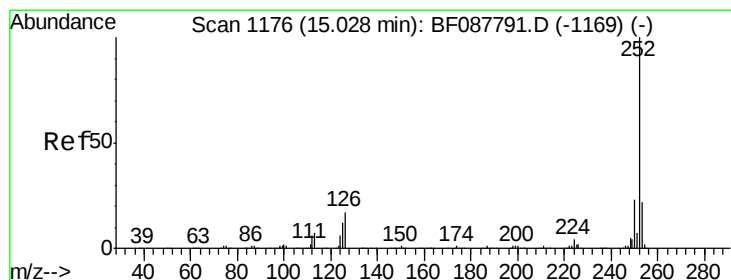
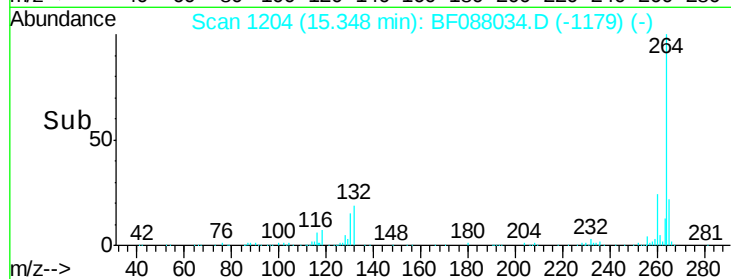
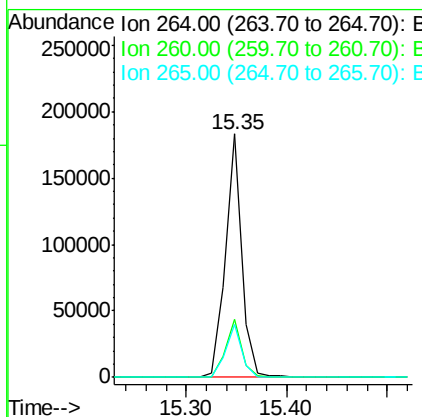
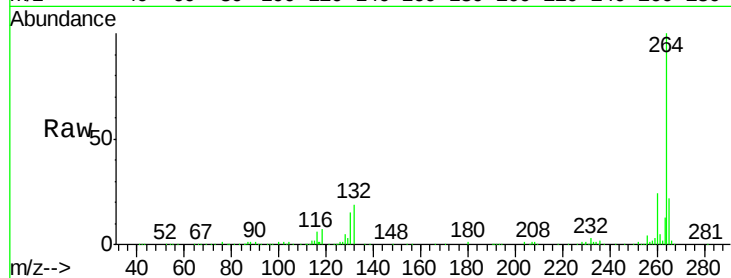
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.35 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF088034.D
Acq: 15 Jun 2016 8:42

Instrument :
BNA_F
ClientSampleId :
HSR-WC-50-060616MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
264	100				
260	23.7		19.2	28.8	
265	21.7		16.9	25.3	

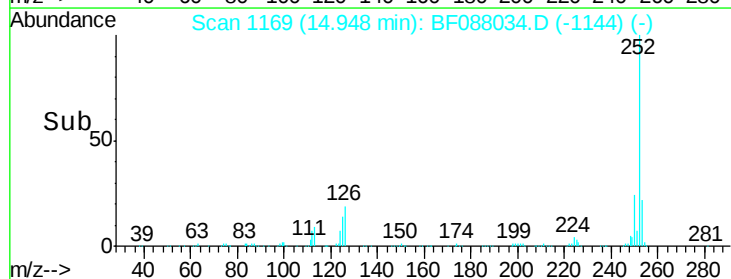
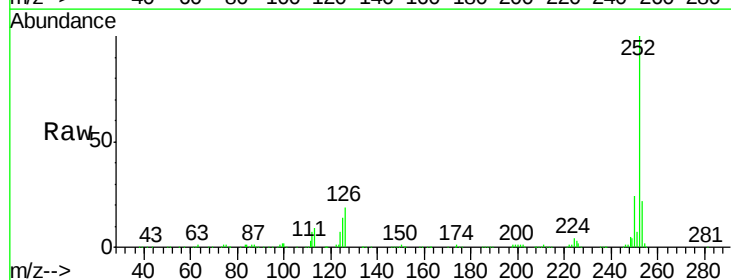
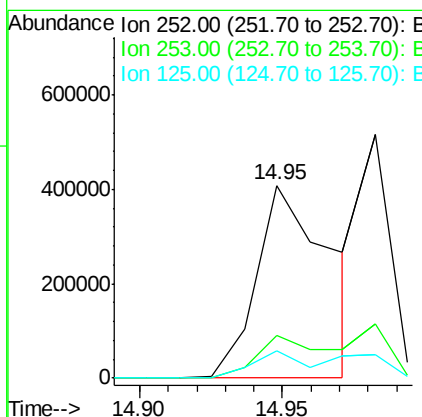
Manual Integrations
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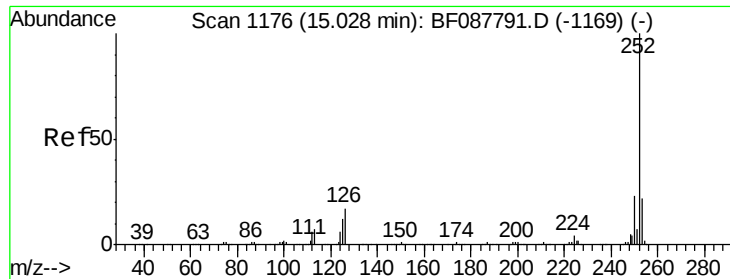
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#87
Benzo(b)fluoranthene
Concen: 51.10 ng m
RT: 14.95 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BF088034.D
Acq: 15 Jun 2016 8:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
252	100				
253	22.2		17.4	26.2	
125	14.0		7.1	10.7	





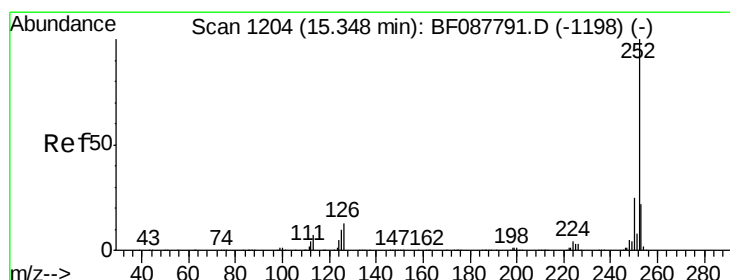
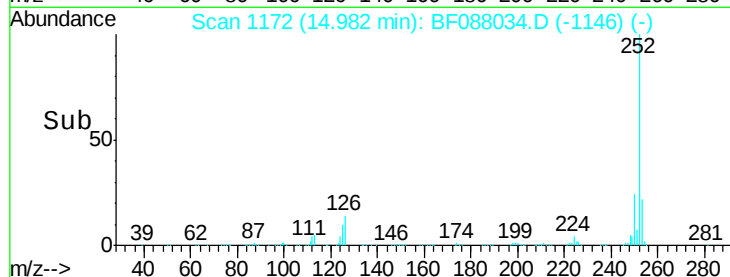
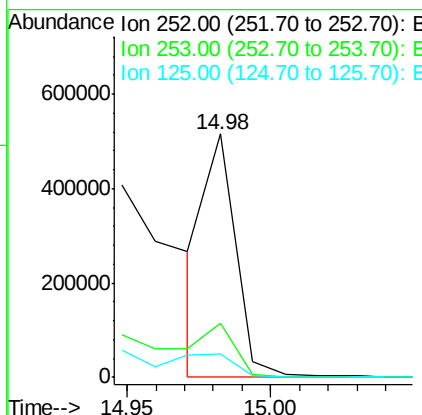
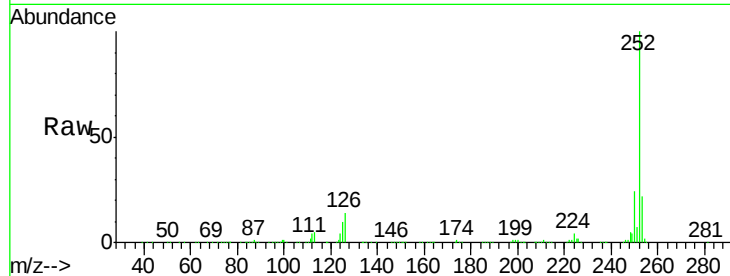
#88
Benzo(k)fluoranthene
Concen: 35.52 ng m
RT: 14.98 min Scan# 1172
Delta R.T. -0.00 min
Lab File: BF088034.D
Acq: 15 Jun 2016 8:42

Instrument :
BNA_F
ClientSampleId :
HSR-WC-50-060616MS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	385455		
253	22.1	18.0	27.0	
125	9.6	11.2	16.8	

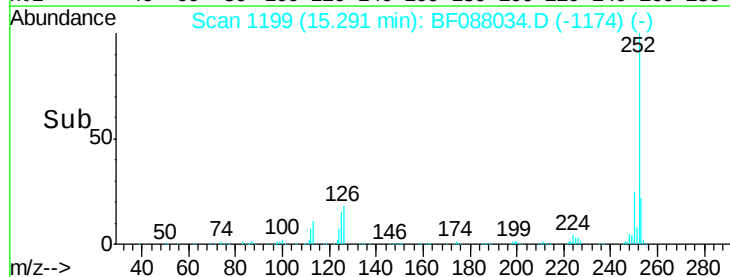
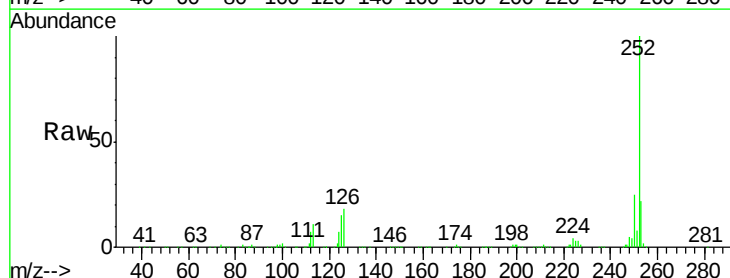
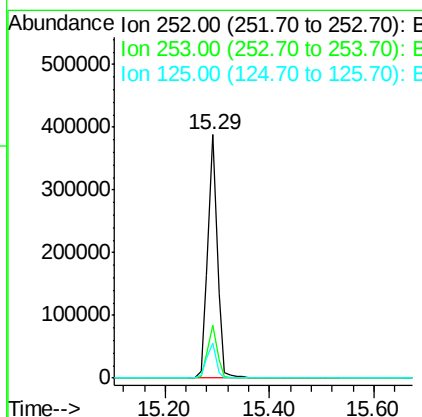
Manual Integrations
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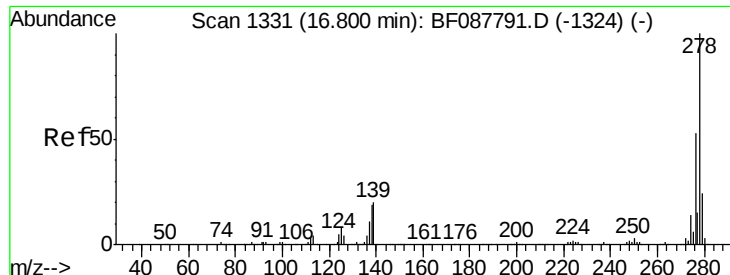
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#89
Benzo(a)pyrene
Concen: 42.87 ng
RT: 15.29 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BF088034.D
Acq: 15 Jun 2016 8:42

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	498901		
253	22.0	17.9	26.9	
125	14.6	12.5	18.7	





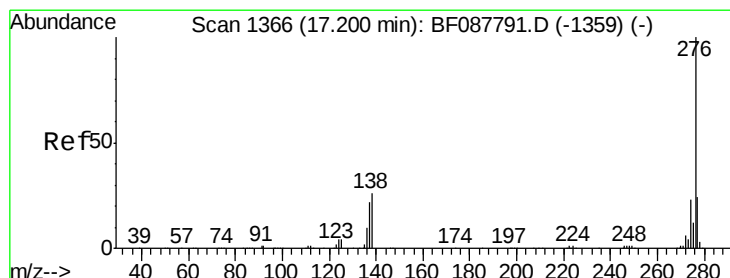
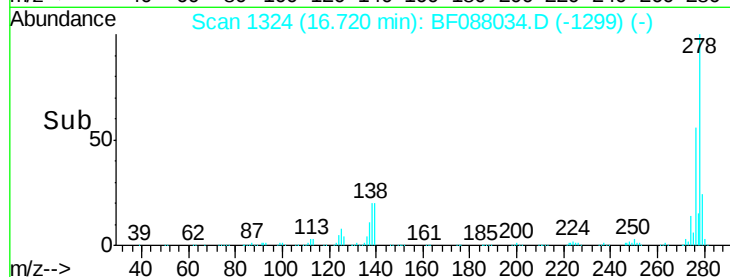
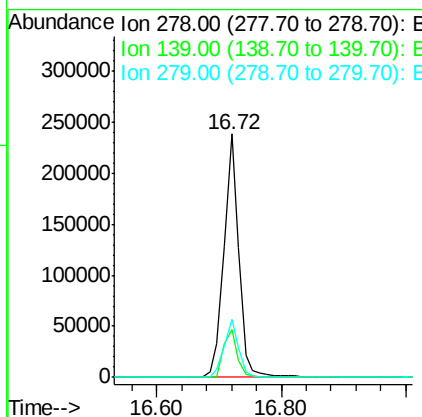
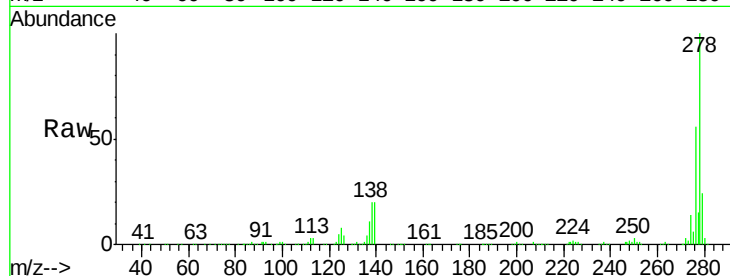
#90
 Dibenzo(a,h)anthracene
 Concen: 36.75 ng
 RT: 16.72 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF088034.D
 Acq: 15 Jun 2016 8:42

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-50-060616MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	19.8	15.7	23.5
279	23.9	19.4	29.2

Manual Integrations
 APPROVED

sohil
 6/15/2016 6:41:00 PM



#91
 Benzo(g,h,i)perylene
 Concen: 35.30 ng
 RT: 17.11 min Scan# 1358
 Delta R.T. -0.02 min
 Lab File: BF088034.D
 Acq: 15 Jun 2016 8:42

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.9	28.3
138	28.7	21.4	32.2

