

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060616\
 Data File : BF087771.D
 Acq On : 7 Jun 2016 2:56
 Operator : UM/SJ
 Sample : H3372-01MS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-49-060116MS

Manual Integrations
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 6/7/2016 7:22:58 PM

Quant Time: Jun 07 07:17:06 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 04 11:07:28 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	96797	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	340350	20.00	ng	-0.01
38) Acenaphthene-d10	9.90	164	141871	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	241366	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	159130	20.00	ng	-0.02
86) Perylene-d12	15.43	264	131474	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	683163	114.07	ng	0.01
7) Phenol-d6	6.49	99	789727	105.15	ng	0.00
23) Nitrobenzene-d5	7.42	82	572062	97.25	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	197386	138.60	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1047984	156.28	ng	-0.01
78) Terphenyl-d14	12.96	244	775481	118.91	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.62	88	98319	33.96	ng	# 87
3) Pyridine	3.31	79	142117	18.58	ng	97
4) n-Nitrosodimethylamine	3.23	42	129958	40.23	ng	95
6) Aniline	6.51	93	101739	9.56	ng	# 57
8) 2-Chlorophenol	6.64	128	294399	42.72	ng	95
9) Benzaldehyde	6.40	77	18084	3.56	ng	99
10) Phenol	6.50	94	247371	28.92	ng	86
11) bis(2-Chloroethyl)ether	6.59	93	284449	45.78	ng	92
12) 1,3-Dichlorobenzene	6.80	146	332774m	45.10	ng	
13) 1,4-Dichlorobenzene	6.87	146	329961	44.57	ng	97
14) 1,2-Dichlorobenzene	7.03	146	315017	45.39	ng	97
15) Benzyl Alcohol	6.99	79	123229	22.21	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.14	45	389586	42.99	ng	92
17) 2-Methylphenol	7.12	107	235491	42.56	ng	96
18) Hexachloroethane	7.37	117	97253	37.56	ng	98
19) n-Nitroso-di-n-propylamine	7.28	70	208262	44.40	ng	# 85
20) 3+4-Methylphenols	7.27	107	263756	38.91	ng	# 79
22) Acetophenone	7.27	105	378617	49.11	ng	# 90
24) Nitrobenzene	7.44	77	305183	51.84	ng	91
25) Isophorone	7.68	82	527114	49.22	ng	100
26) 2-Nitrophenol	7.76	139	130726	47.79	ng	# 73
27) 2,4-Dimethylphenol	7.79	122	248500	43.83	ng	93
28) bis(2-Chloroethoxy)methane	7.90	93	309152	45.51	ng	99
29) 2,4-Dichlorophenol	8.00	162	239604	51.46	ng	97
30) 1,2,4-Trichlorobenzene	8.08	180	345427	70.84	ng	98
31) Naphthalene	8.16	128	796698	48.14	ng	100
32) Benzoic acid	7.91	122	143169	41.86	ng	93
33) 4-Chloroaniline	8.22	127	67144	9.34	ng	# 94
34) Hexachlorobutadiene	8.28	225	135966	53.63	ng	99
35) Caprolactam	8.58	113	59636	38.99	ng	# 69
36) 4-Chloro-3-methylphenol	8.70	107	226363	47.00	ng	97
37) 2-Methylnaphthalene	8.86	142	545176	49.89	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	212104	54.25	ng	# 1
40) Hexachlorocyclopentadiene	9.00	237	56898	24.74	ng	96

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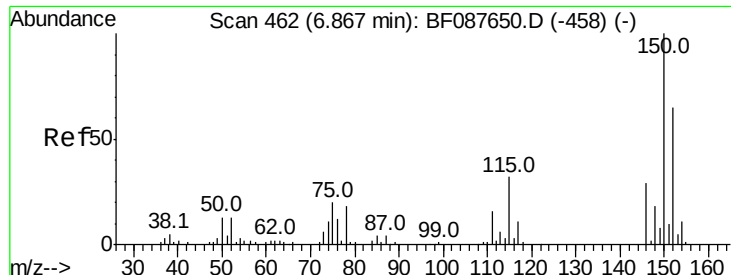
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	156512	53.00	nq	99
43) 2,4,5-Trichlorophenol	9.18	196	141409	51.46	nq	# 94
45) 1,1'-Biphenyl	9.31	154	574012	49.85	nq	99
46) 2-Chloronaphthalene	9.34	162	453195	49.45	nq	100
47) 2-Nitroaniline	9.44	65	138603	53.71	nq	# 56
48) Acenaphthylene	9.76	152	726864	50.85	nq	98
49) Dimethylphthalate	9.62	163	602111	58.38	nq	99
50) 2,6-Dinitrotoluene	9.68	165	118760	50.61	nq	90
51) Acenaphthene	9.93	154	438119	47.64	nq	100
52) 3-Nitroaniline	9.84	138	64190	23.92	nq	97
53) 2,4-Dinitrophenol	9.94	184	22006	23.54	nq	98
54) Dibenzofuran	10.10	168	632228	50.49	nq	99
55) 4-Nitrophenol	10.00	139	147654	64.36	nq	97
56) 2,4-Dinitrotoluene	10.08	165	141324	47.29	nq	93
57) Fluorene	10.43	166	440386	45.00	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	113633	48.00	nq	# 54
59) Diethylphthalate	10.32	149	582134	56.20	nq	98
60) 4-Chlorophenyl-phenylether	10.43	204	214197	Below	Cal	96
61) 4-Nitroaniline	10.46	138	100436	38.92	nq	90
62) Azobenzene	10.59	77	454463	43.59	nq	94
64) 4,6-Dinitro-2-methylphenol	10.48	198	19184	15.71	nq	89
65) n-Nitrosodiphenylamine	10.55	169	239546	30.30	nq	99
66) 4-Bromophenyl-phenylether	10.92	248	137848	57.60	nq	94
67) Hexachlorobenzene	10.98	284	132504	49.51	nq	99
68) Atrazine	11.07	200	14948	6.38	nq	96
69) Pentachlorophenol	11.18	266	131951	82.97	nq	98
70) Phenanthrene	11.39	178	592430	45.27	nq	99
71) Anthracene	11.45	178	676440	51.58	nq	99
72) Carbazole	11.60	167	427017	34.40	nq	99
73) Di-n-butylphthalate	11.94	149	810159	60.88	nq	99
74) Fluoranthene	12.58	202	649113	50.40	nq	98
77) Pyrene	12.81	202	663127	58.52	nq	99
79) Butylbenzylphthalate	13.43	149	301677	62.56	nq	# 78
80) Benzo(a)anthracene	13.99	228	492687	53.65	nq	100
81) 3,3'-Dichlorobenzidine	13.95	252	8280	3.20	nq	# 96
82) Chrysene	14.03	228	536654	58.71	nq	97
83) Bis(2-ethylhexyl)phthalate	14.00	149	395908	68.99	nq	# 95
84) Di-n-octyl phthalate	14.61	149	707303	66.29	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.81	276	404568	53.54	nq	# 100
87) Benzo(b)fluoranthene	15.02	252	534539m	62.50	nq	
88) Benzo(k)fluoranthene	15.05	252	309638m	43.51	nq	
89) Benzo(a)pyrene	15.37	252	384354	53.46	nq	# 96
90) Dibenzo(a,h)anthracene	16.83	278	350040	57.21	nq	99
91) Benzo(g,h,i)perylene	17.23	276	326857	52.95	nq	98

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



#1

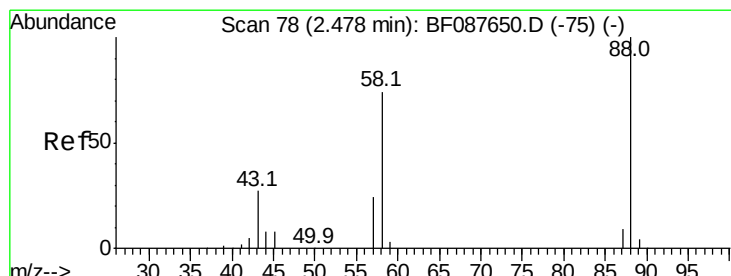
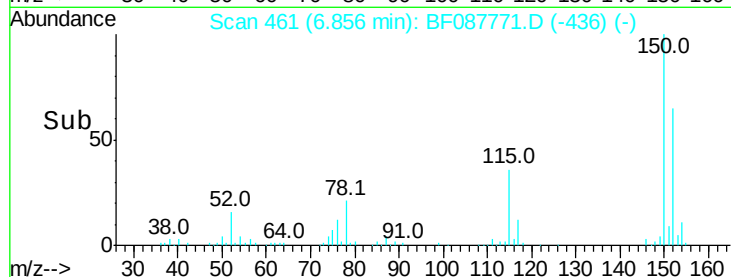
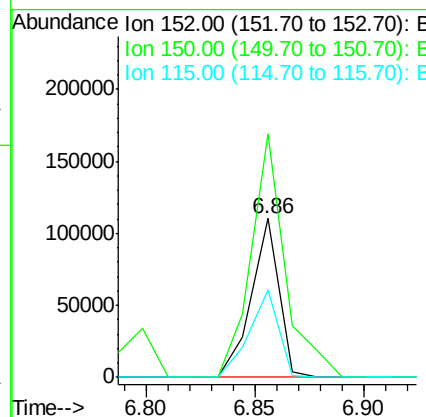
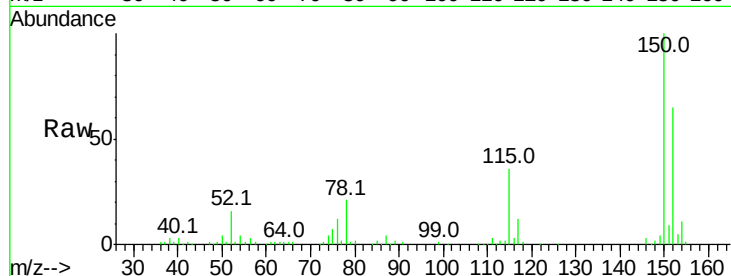
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF087771.D
Acq: 7 Jun 2016 2:56

Instrument :
BNA_F
ClientSampleId :
HSR-WC-49-060116MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.4	123.8	185.6
115	55.3	39.6	59.4

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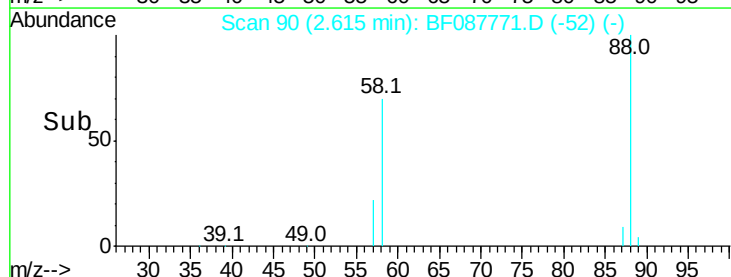
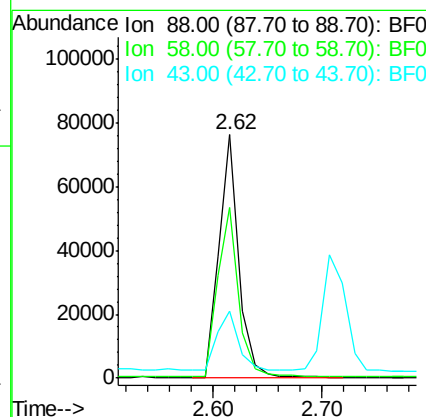
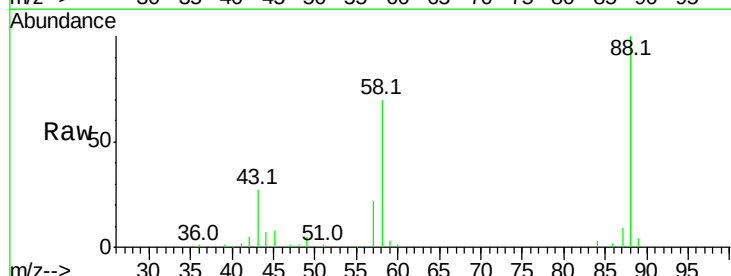
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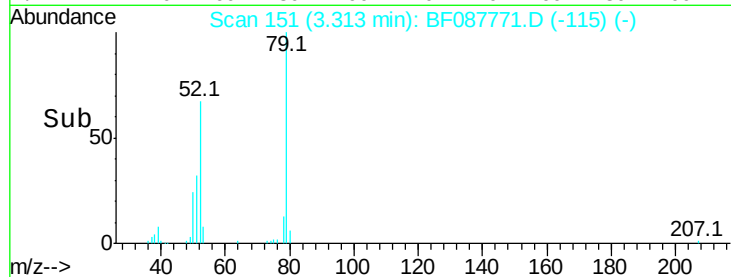
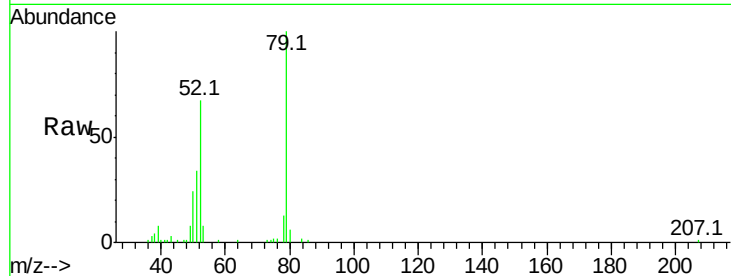
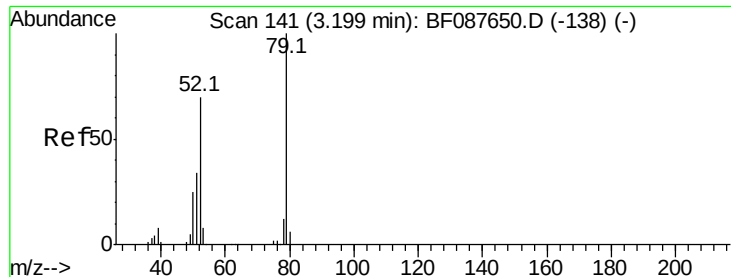


#2

1,4-Dioxane
Concen: 33.96 ng
RT: 2.62 min Scan# 90
Delta R.T. 0.14 min
Lab File: BF087771.D
Acq: 7 Jun 2016 2:56

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.7	0.0	0.0#
43	0.0	3.4	5.2#





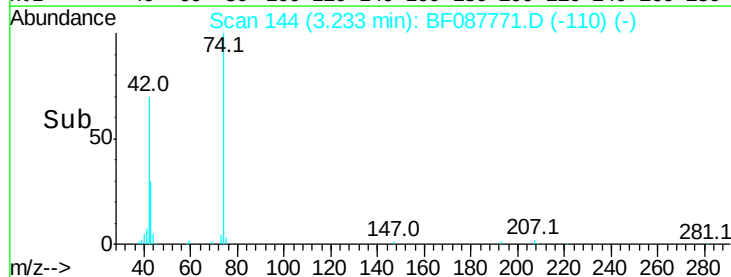
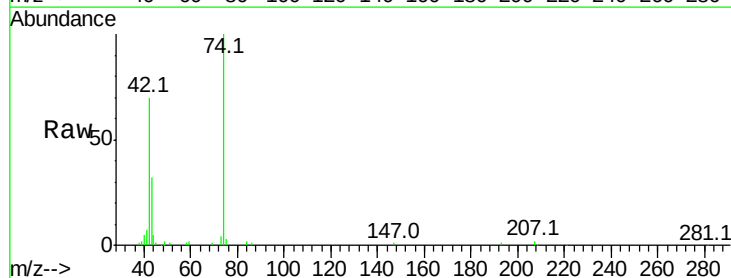
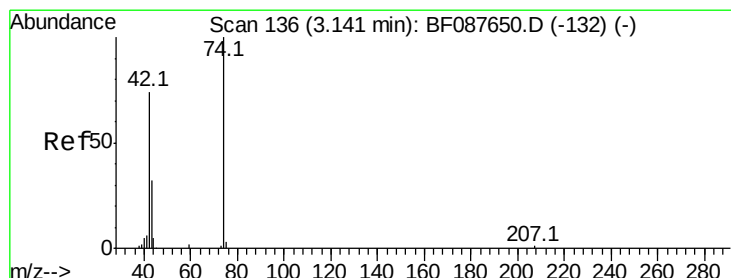
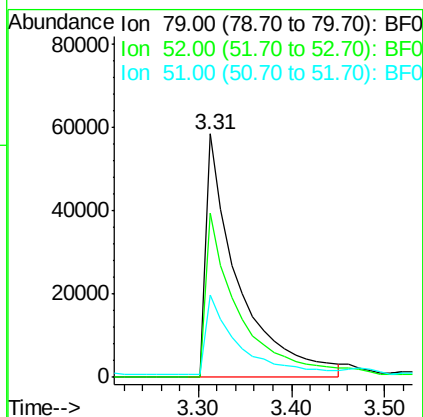
#3
 Pvridine
 Concen: 18.58 ng
 RT: 3.31 min Scan# 151
 Delta R.T. 0.11 min
 Lab File: BF087771.D
 Acq: 7 Jun 2016 2:56

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		142117		
52	67.5	56.3		84.5	
51	33.6	27.4		41.2	

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-49-060116MS

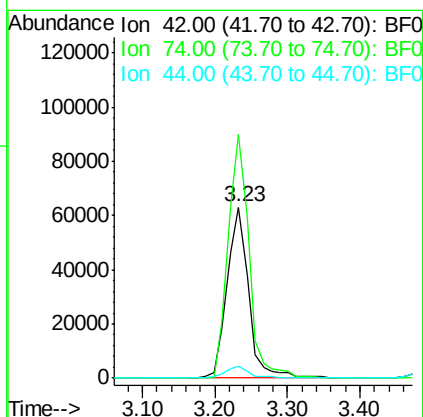
Manual Integrations
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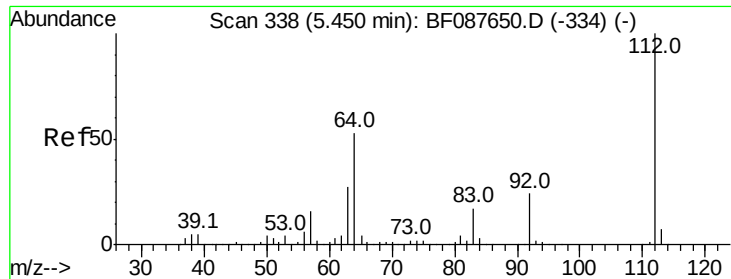
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#4
 n-Nitrosodimethylamine
 Concen: 40.23 ng
 RT: 3.23 min Scan# 144
 Delta R.T. 0.09 min
 Lab File: BF087771.D
 Acq: 7 Jun 2016 2:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		129958		
74	142.3	108.6		163.0	
44	7.2	5.5		8.3	





#5

2-Fluorophenol

Concen: 114.07 ng

RT: 5.46 min Scan# 339

Delta R.T. 0.01 min

Lab File: BF087771.D

Acq: 7 Jun 2016 2:56

Instrument :

BNA_F

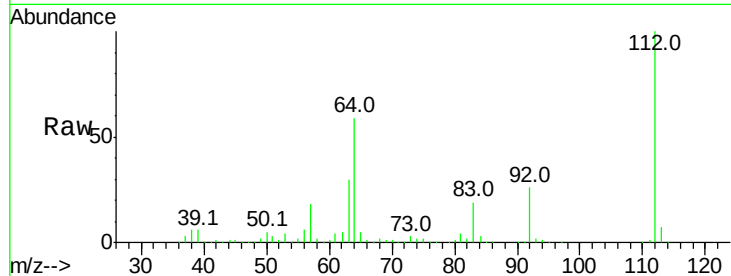
ClientSampleId :

HSR-WC-49-060116MS

Tot Ion:	112	Resp:	683163
Ion Ratio	Lower	Upper	
112	100		
64	58.6	42.2	63.2
63	30.4	21.8	32.8

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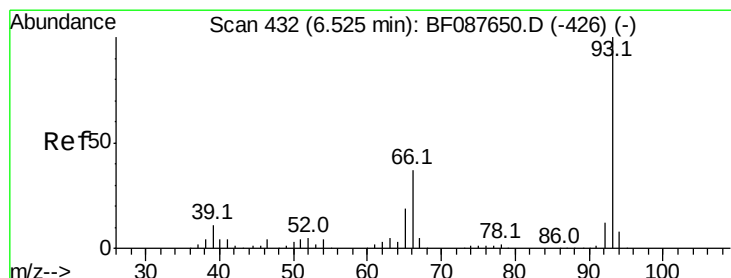
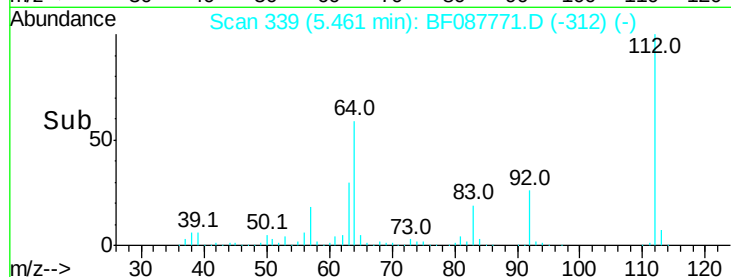
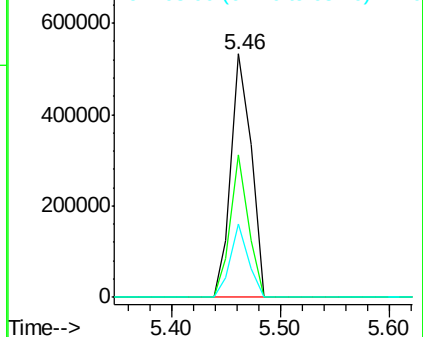
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 9.56 ng

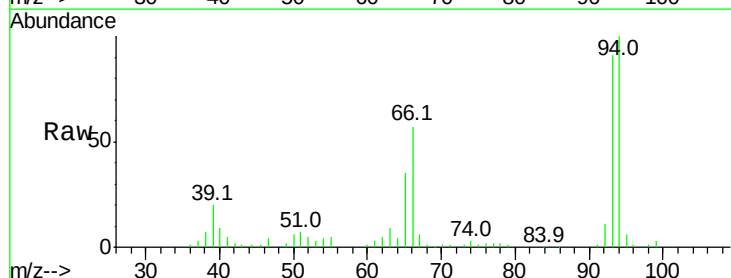
RT: 6.51 min Scan# 431

Delta R.T. -0.01 min

Lab File: BF087771.D

Acq: 7 Jun 2016 2:56

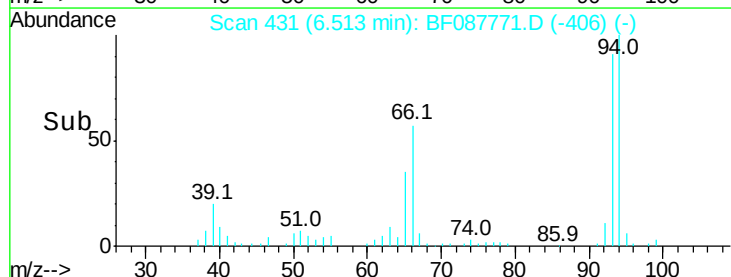
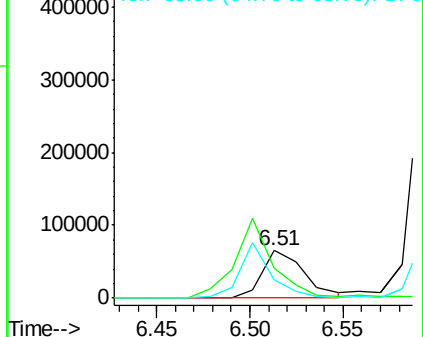
Tgt Ion:	93	Resp:	101739
Ion Ratio	Lower	Upper	
93	100		
66	62.4	29.8	44.8#
65	38.6	14.9	22.3#

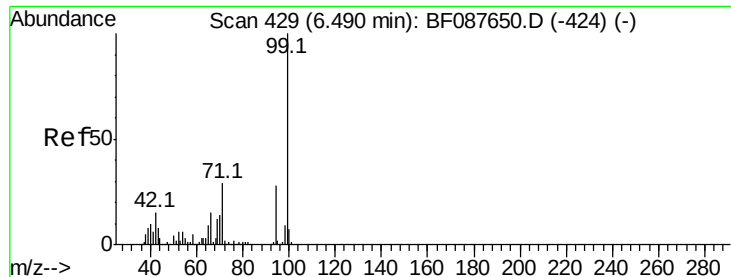


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 105.15 ng

RT: 6.49 min Scan# 429

Delta R.T. -0.00 min

Lab File: BF087771.D

Acq: 7 Jun 2016 2:56

Instrument :

BNA_F

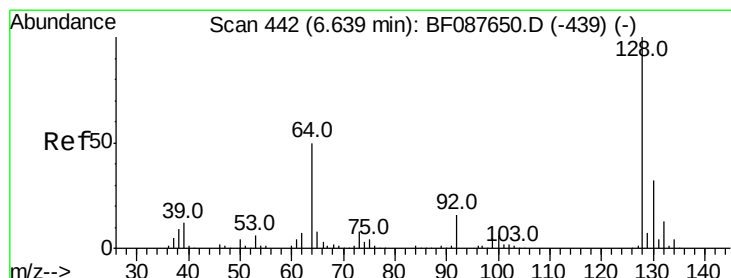
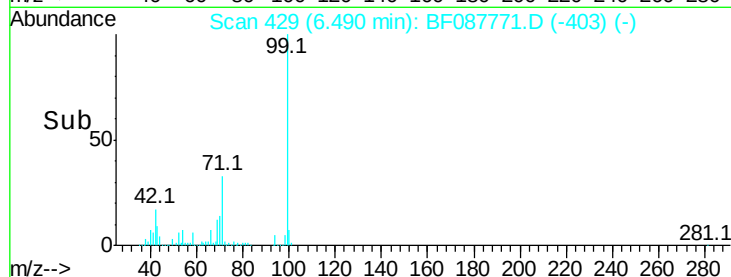
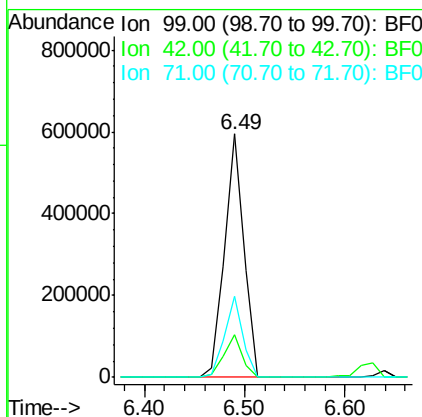
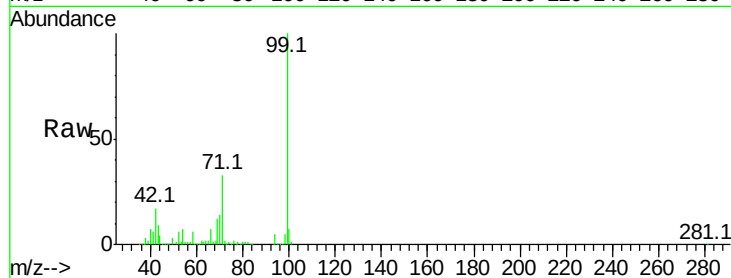
ClientSampleId :

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Tot Ion	99	Resp	789727
Ion Ratio	Lower	Upper	
99	100		
42	17.5	12.2	18.2
71	33.2	23.4	35.0

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#8

2-Chlorophenol

Concen: 42.72 ng

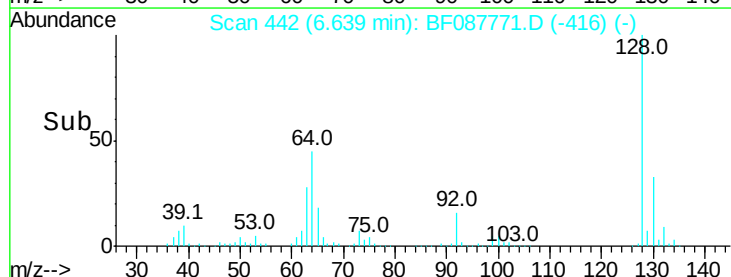
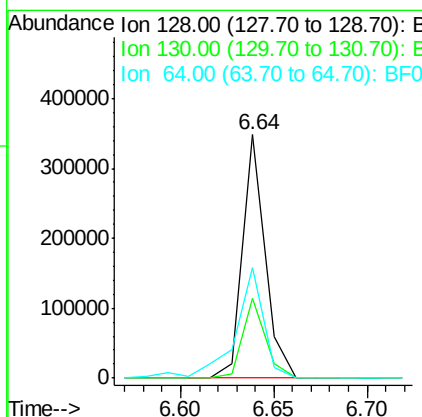
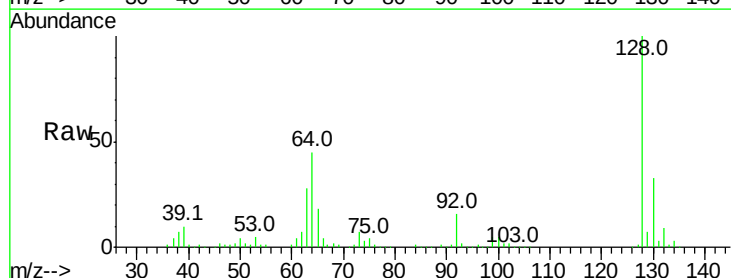
RT: 6.64 min Scan# 442

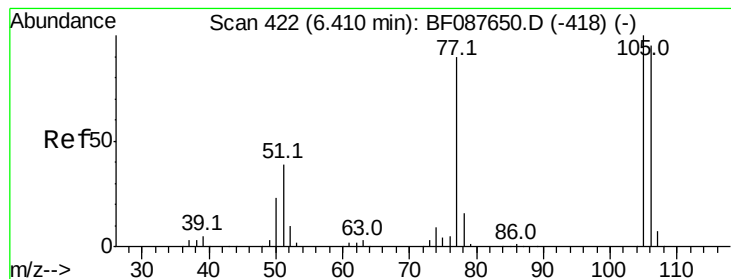
Delta R.T. -0.00 min

Lab File: BF087771.D

Acq: 7 Jun 2016 2:56

Tgt Ion	128	Resp	294399
Ion Ratio	Lower	Upper	
128	100		
130	32.8	12.0	52.0
64	45.3	30.8	70.8





#9

Benzaldehyde

Concen: 3.56 ng

RT: 6.40 min Scan# 421

Delta R.T. -0.01 min

Lab File: BF087771.D

Acq: 7 Jun 2016 2:56

Instrument :

BNA_F

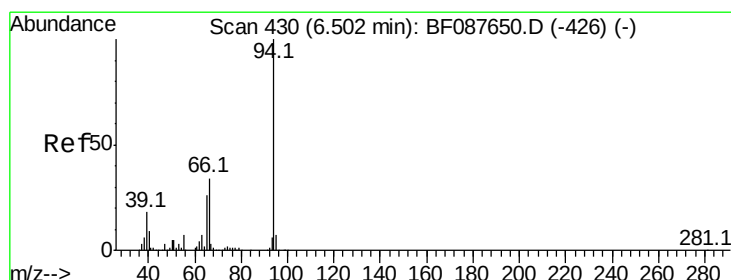
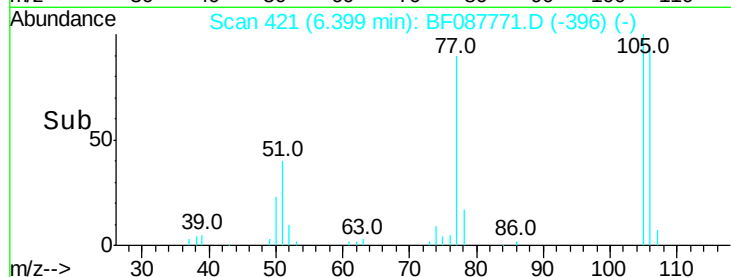
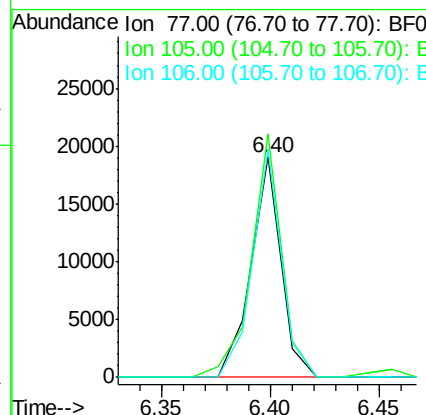
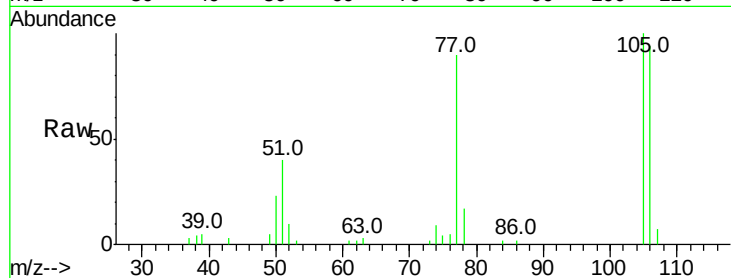
ClientSampleId :

HSR-WC-49-060116MS

Tot Ion:	77	Resp:	18084
Ion Ratio	Lower	Upper	
77	100		
105	110.7	90.6	130.6
106	103.8	85.3	125.3

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#10

Phenol

Concen: 28.92 ng

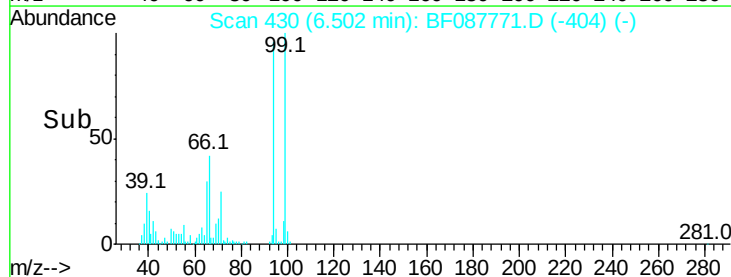
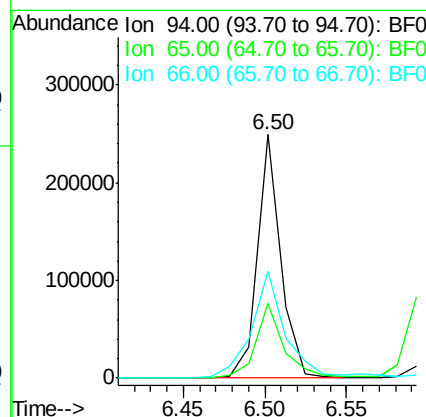
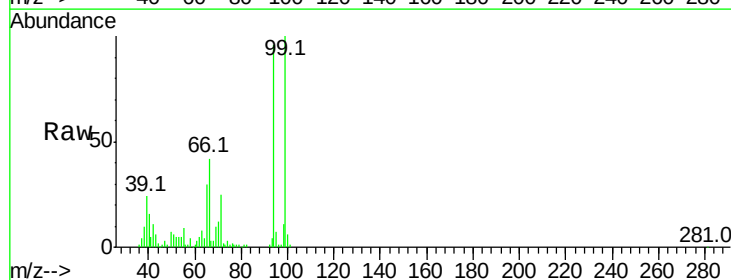
RT: 6.50 min Scan# 430

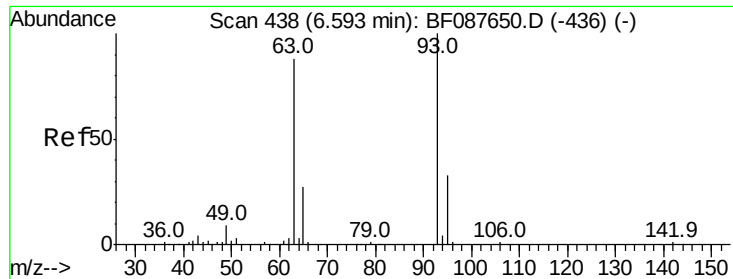
Delta R.T. -0.00 min

Lab File: BF087771.D

Acq: 7 Jun 2016 2:56

Tgt Ion:	94	Resp:	247371
Ion Ratio	Lower	Upper	
94	100		
65	30.9	5.9	45.9
66	43.8	14.0	54.0





#11

bis(2-Chloroethyl)ether

Concen: 45.78 ng

RT: 6.59 min Scan# 438

Delta R.T. -0.00 min

Lab File: BF087771.D

Acq: 7 Jun 2016 2:56

Instrument :

BNA_F

ClientSampleId :

HSR-WC-49-060116MS

Tot Ion: 93 Resp: 284449

Ion Ratio Lower Upper

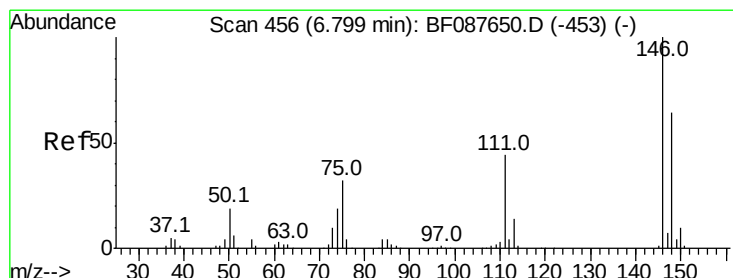
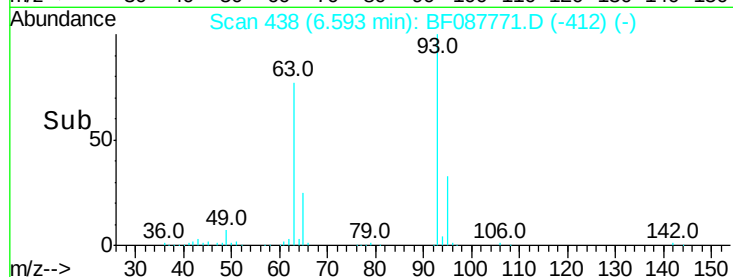
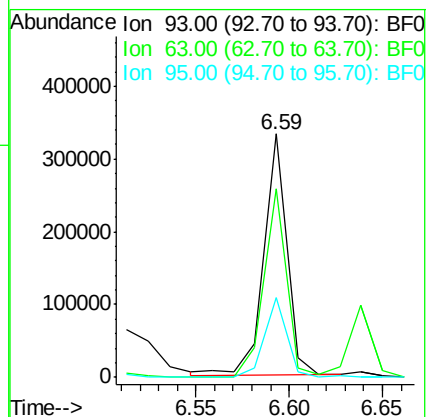
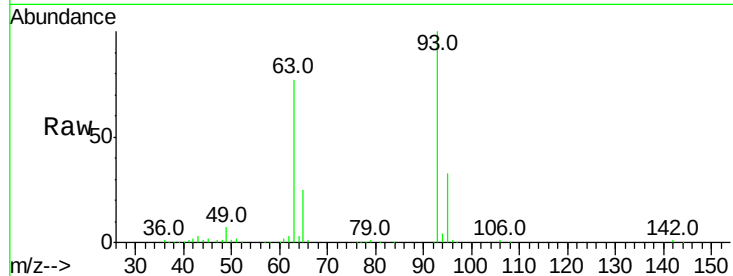
93 100

63 77.3 67.6 107.6

95 32.6 12.5 52.5

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 45.10 ng m

RT: 6.80 min Scan# 456

Delta R.T. -0.00 min

Lab File: BF087771.D

Acq: 7 Jun 2016 2:56

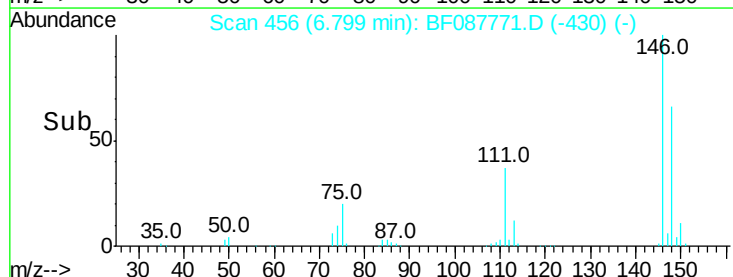
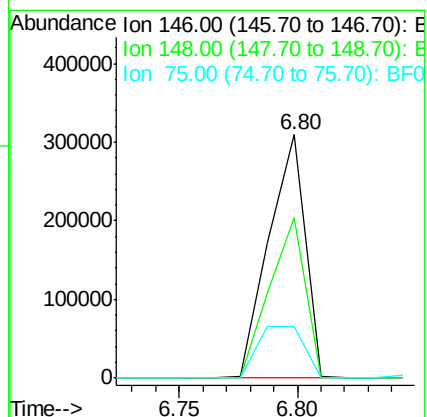
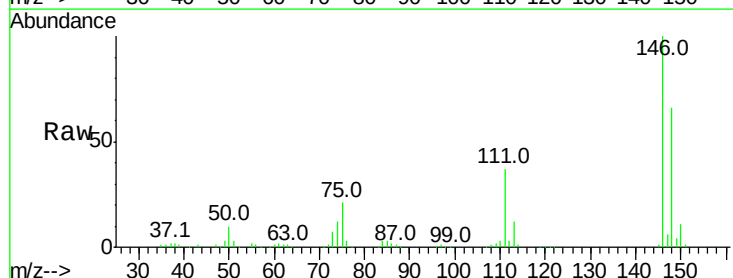
Tgt Ion: 146 Resp: 332774

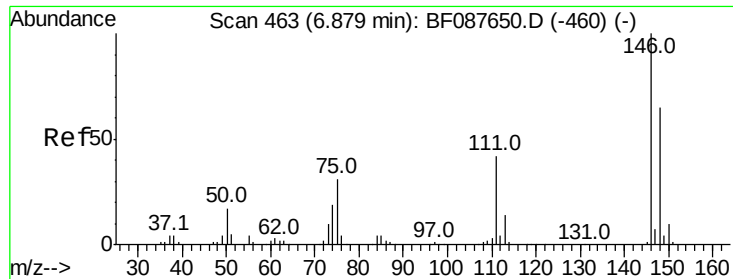
Ion Ratio Lower Upper

146 100

148 65.9 50.9 76.3

75 21.2 25.6 38.4#





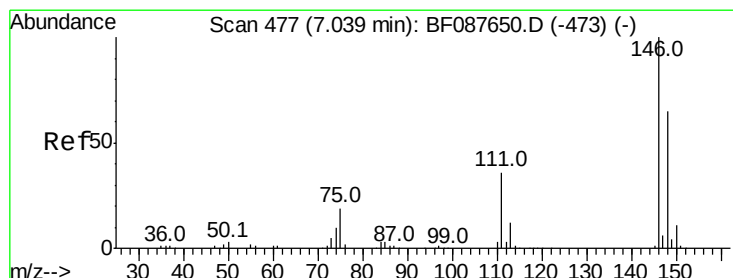
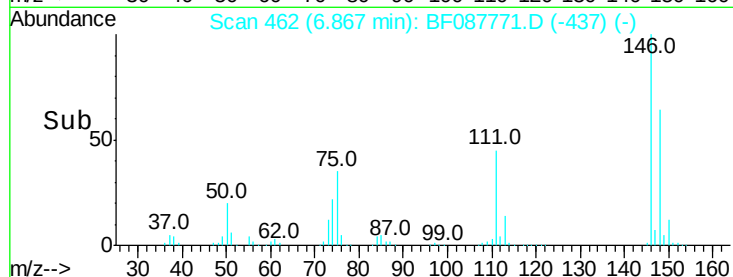
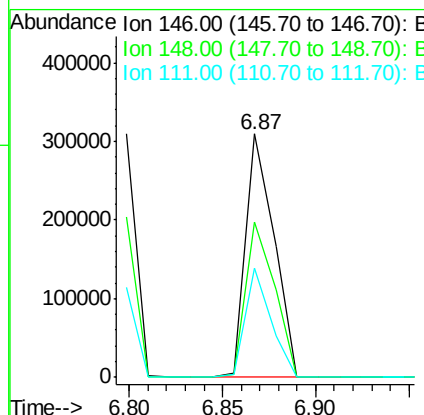
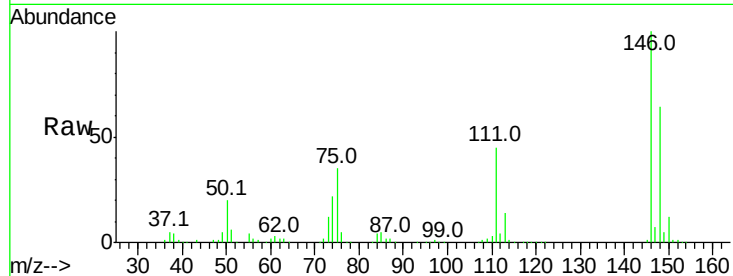
#13
 1,4-Dichlorobenzene
 Concen: 44.57 ng
 RT: 6.87 min Scan# 462
 Delta R.T. -0.01 min
 Lab File: BF087771.D
 Acq: 7 Jun 2016 2:56

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-49-060116MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	52.0	78.0
111	45.1	33.8	50.8

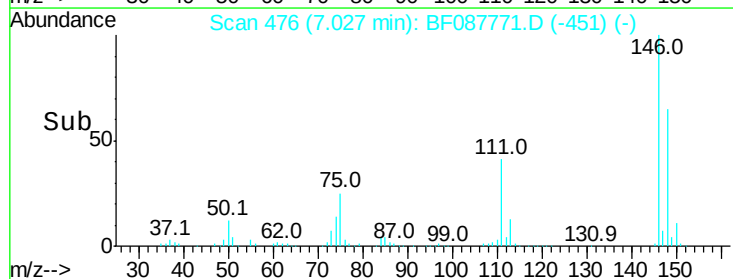
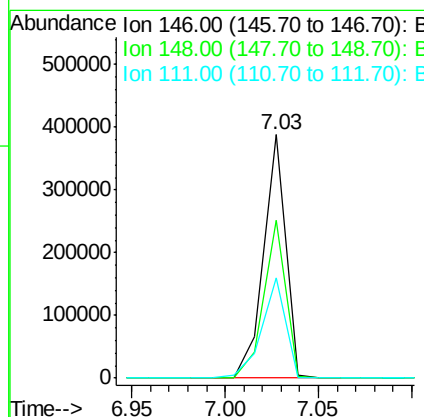
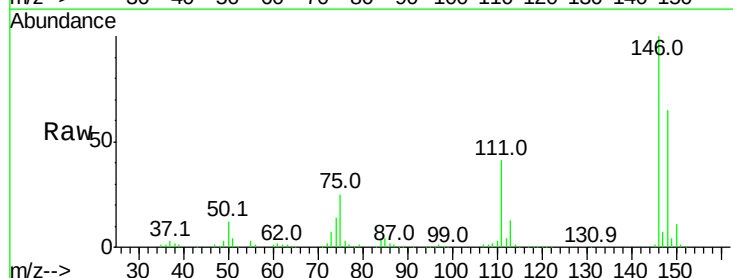
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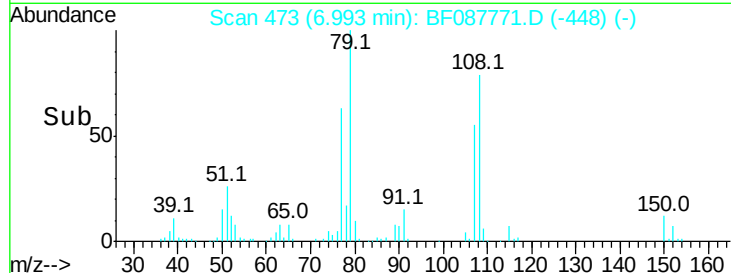
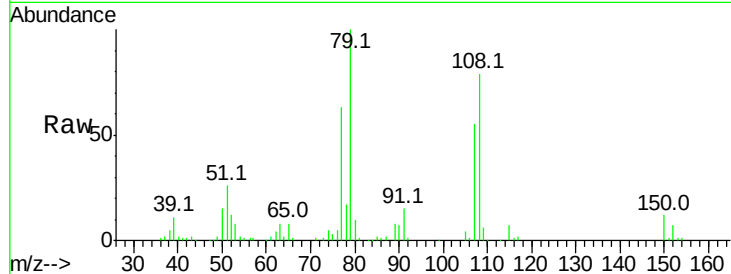
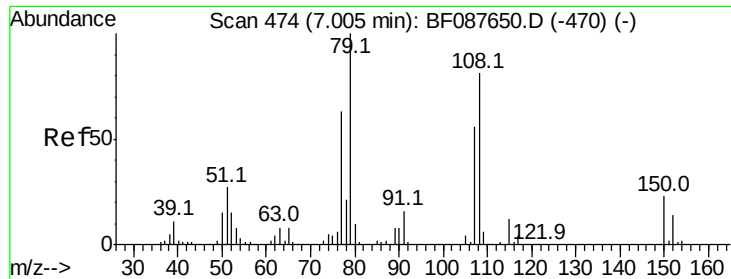
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#14
 1,2-Dichlorobenzene
 Concen: 45.39 ng
 RT: 7.03 min Scan# 476
 Delta R.T. -0.01 min
 Lab File: BF087771.D
 Acq: 7 Jun 2016 2:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	52.3	78.5
111	41.0	28.7	43.1





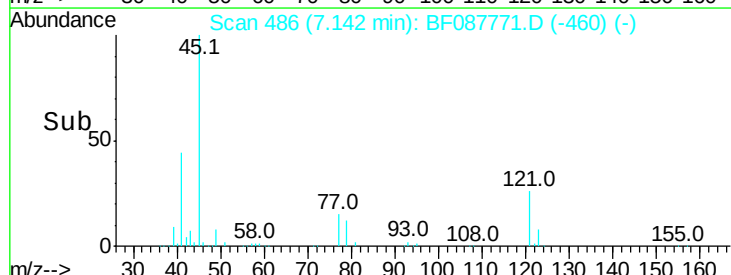
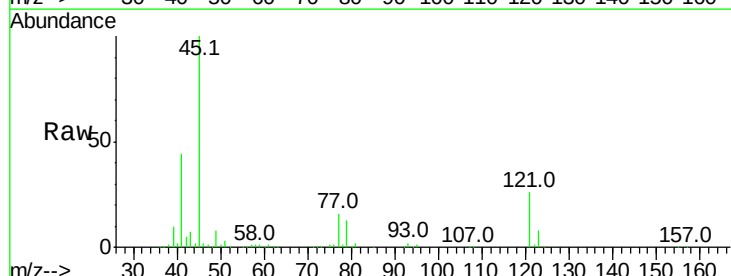
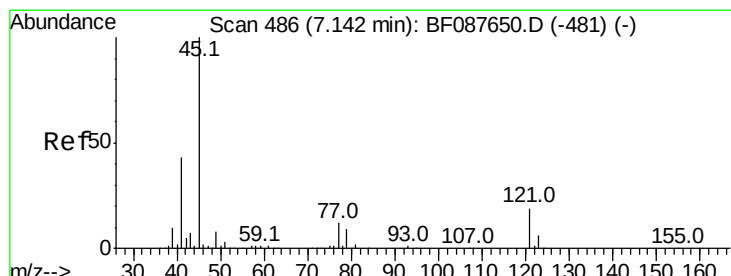
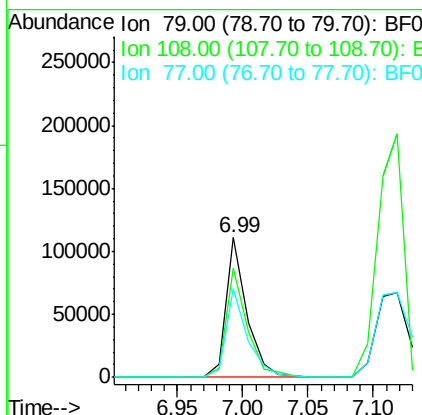
#15
Benzyl Alcohol
Concen: 22.21 ng
RT: 6.99 min Scan# 473
Delta R.T. -0.01 min
Lab File: BF087771.D
Acq: 7 Jun 2016 2:56

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	78.5	65.0	97.6	
77	63.4	50.3	75.5	

Instrument :
BNA_F
ClientSampleId :
HSR-WC-49-060116MS

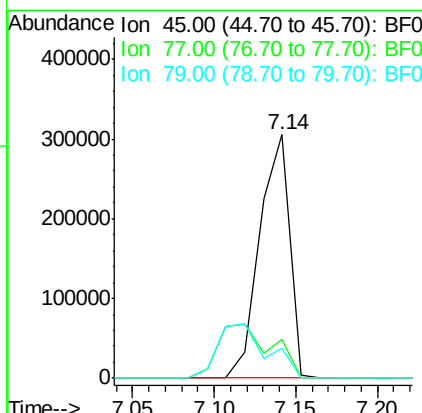
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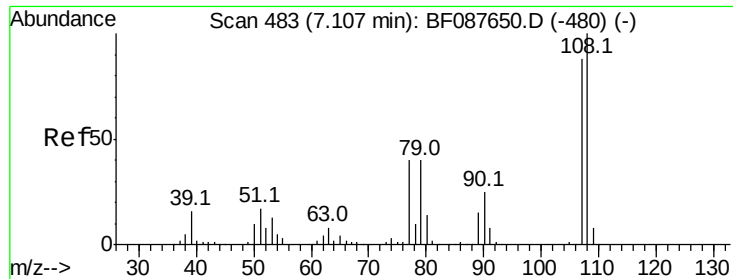
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.99 ng
RT: 7.14 min Scan# 486
Delta R.T. -0.00 min
Lab File: BF087771.D
Acq: 7 Jun 2016 2:56

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	15.7	0.0	32.5	
79	12.5	0.0	29.5	





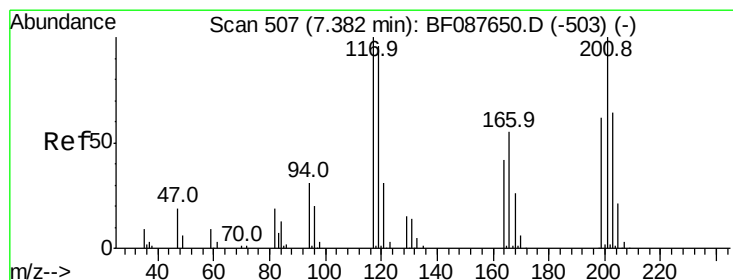
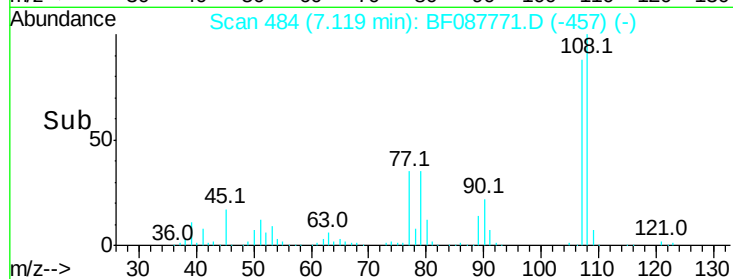
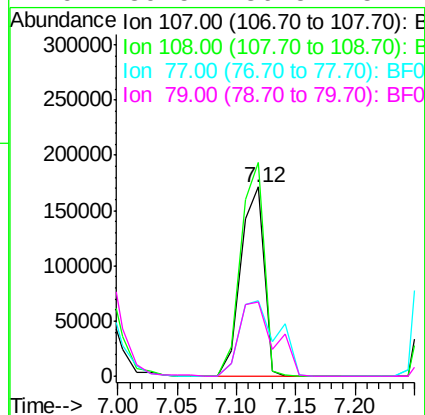
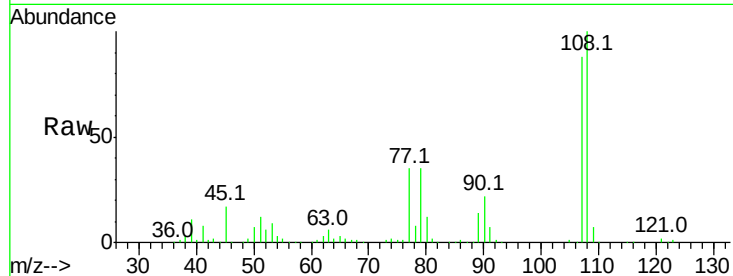
#17
2-Methylphenol
Concen: 42.56 ng
RT: 7.12 min Scan# 484
Delta R.T. 0.01 min
Lab File: BF087771.D
Acq: 7 Jun 2016 2:56

Instrument :
BNA_F
ClientSampleId :
HSR-WC-49-060116MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100	235491		
108	108	113.1	90.9	136.3	
77	77	39.7	36.6	55.0	
79	79	39.5	36.5	54.7	

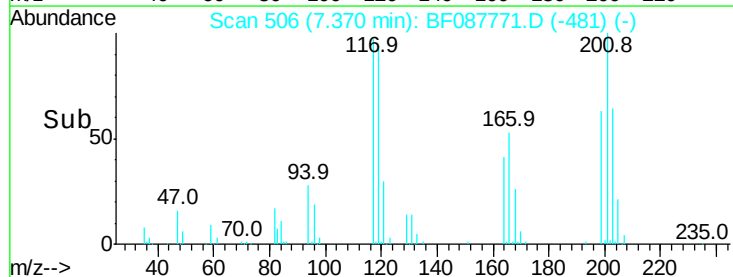
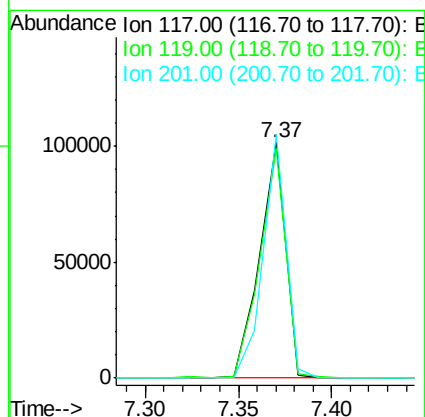
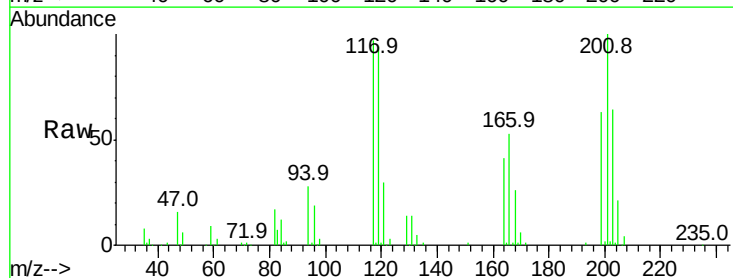
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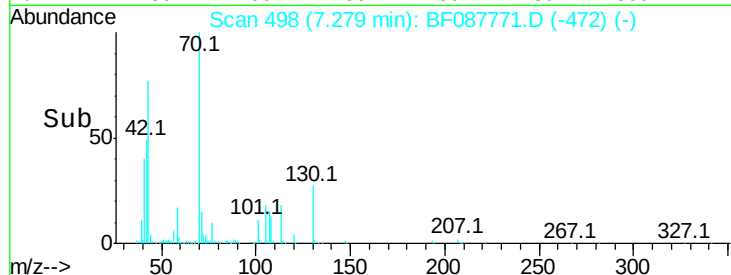
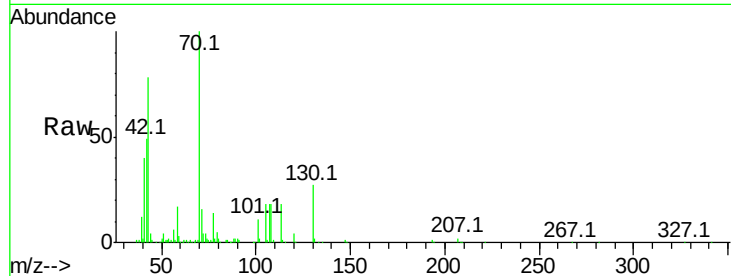
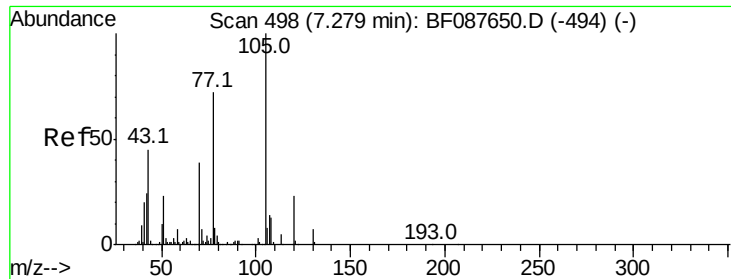
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#18
Hexachloroethane
Concen: 37.56 ng
RT: 7.37 min Scan# 506
Delta R.T. -0.01 min
Lab File: BF087771.D
Acq: 7 Jun 2016 2:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117	100	97253		
119	119	97.4	77.4	116.2	
201	201	103.2	80.4	120.6	





#19

n-Nitroso-di-n-propylamine

Concen: 44.40 ng

RT: 7.28 min Scan# 498

Delta R.T. -0.00 min

Lab File: BF087771.D

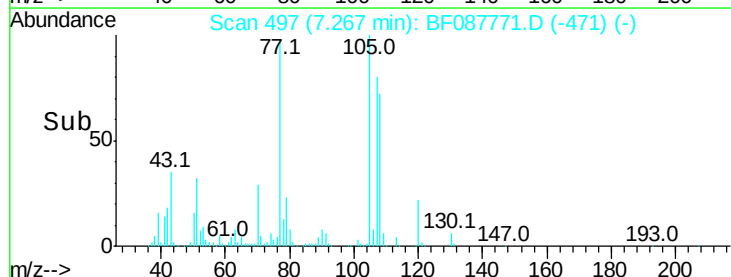
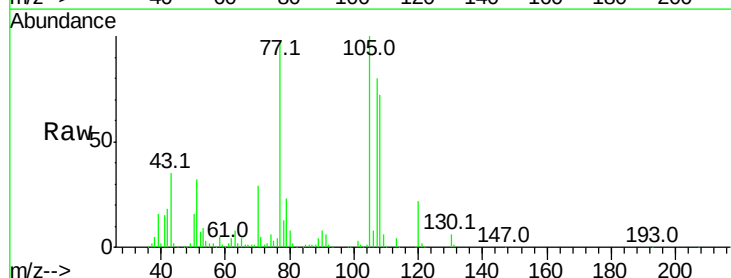
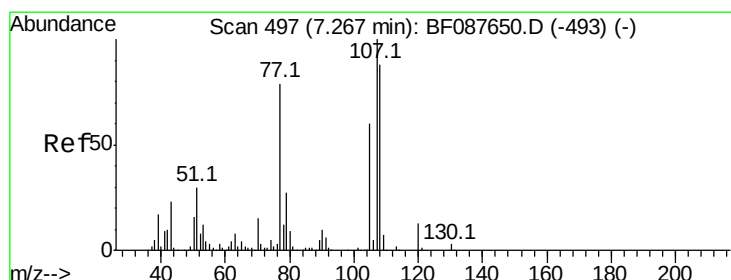
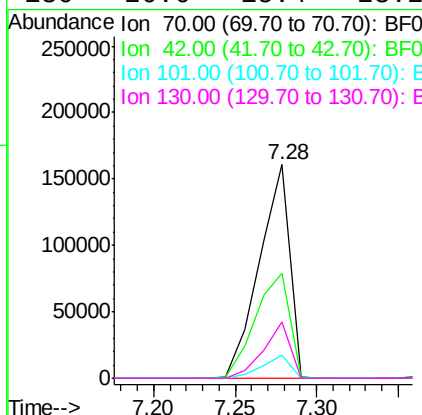
Acq: 7 Jun 2016 2:56

Instrument :
BNA_F
ClientSampleId :
HSR-WC-49-060116MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	49.3	49.6	74.4#
101	10.8	7.1	10.7#
130	26.6	15.4	23.2#

Manual Integrations
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#20

3+4-Methylphenols

Concen: 38.91 ng

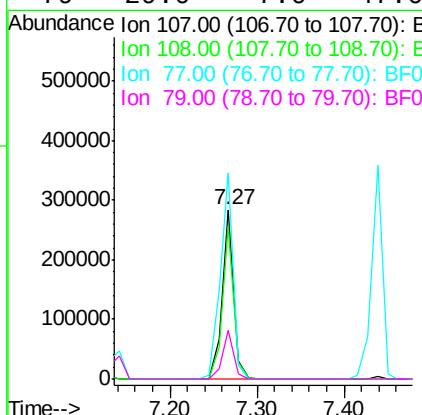
RT: 7.27 min Scan# 497

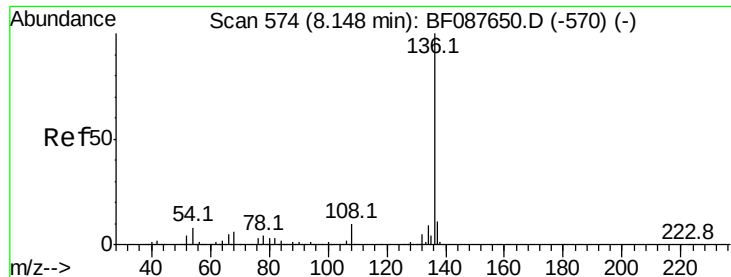
Delta R.T. -0.00 min

Lab File: BF087771.D

Acq: 7 Jun 2016 2:56

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.1	67.8	107.8
77	121.6	59.3	99.3#
79	29.0	7.0	47.0





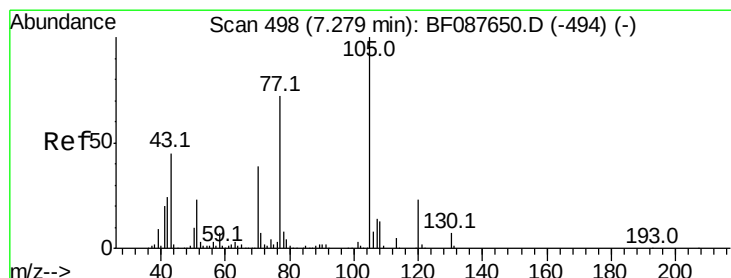
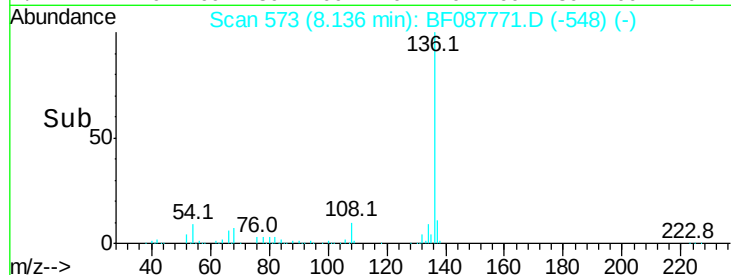
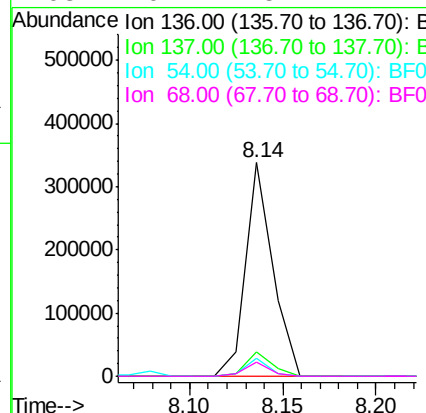
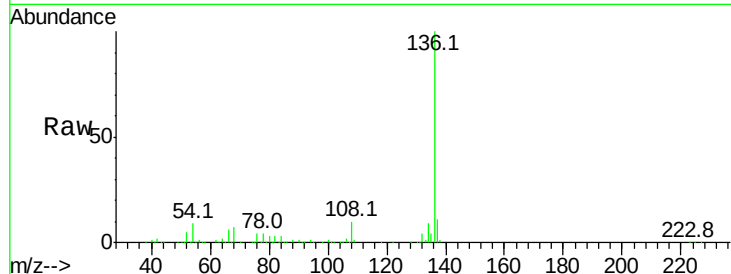
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF087771.D
Acq: 7 Jun 2016 2:56

Instrument :
BNA_F
ClientSampleId :
HSR-WC-49-060116MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.3	9.1	13.7	
54	8.6	6.6	10.0	
68	6.7	5.1	7.7	

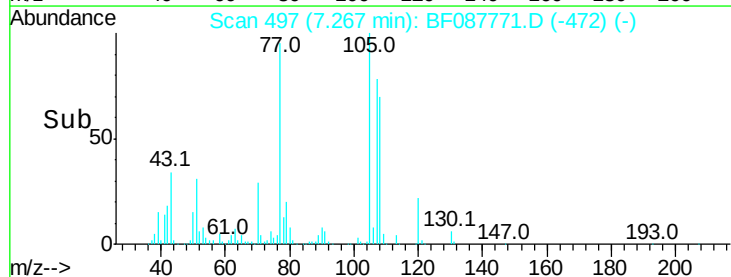
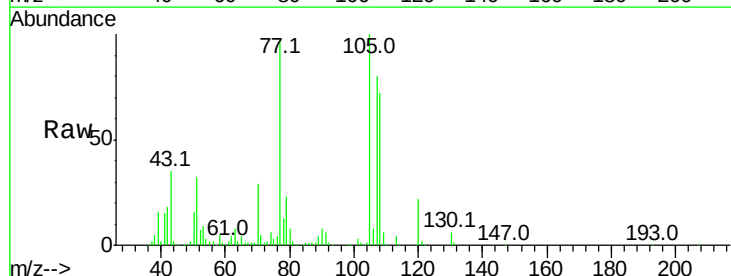
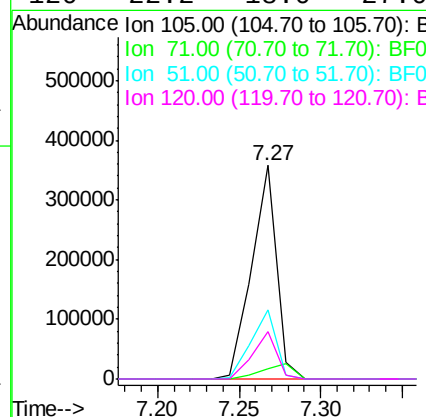
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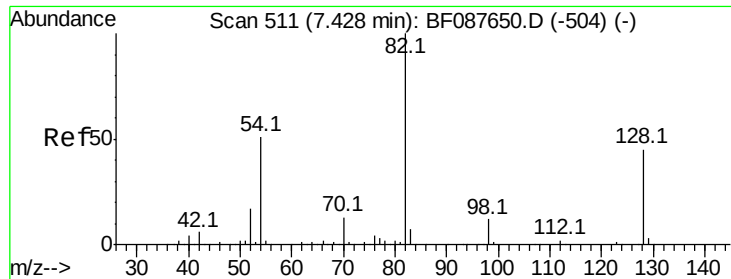
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#22
Acetophenone
Concen: 49.11 ng
RT: 7.27 min Scan# 497
Delta R.T. -0.01 min
Lab File: BF087771.D
Acq: 7 Jun 2016 2:56

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	4.9	5.3	7.9#	
51	32.4	18.2	27.4#	
120	22.2	18.0	27.0	





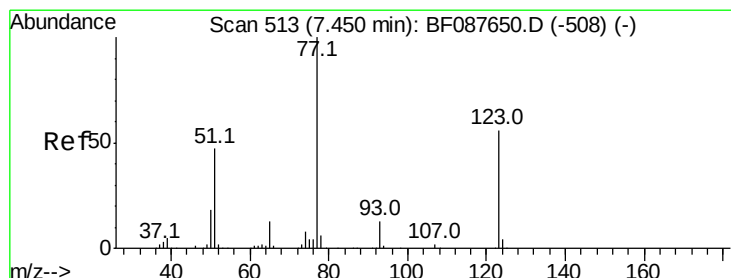
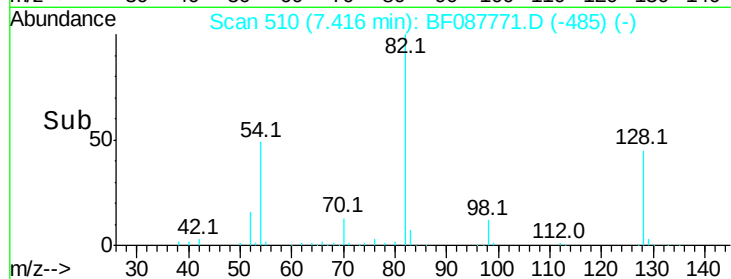
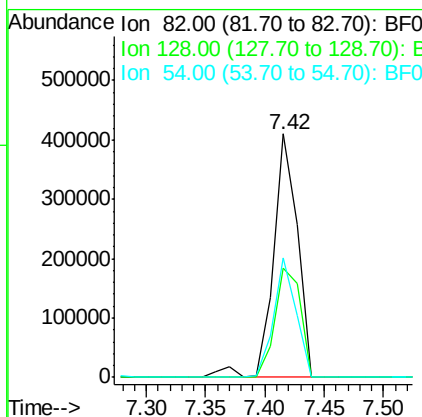
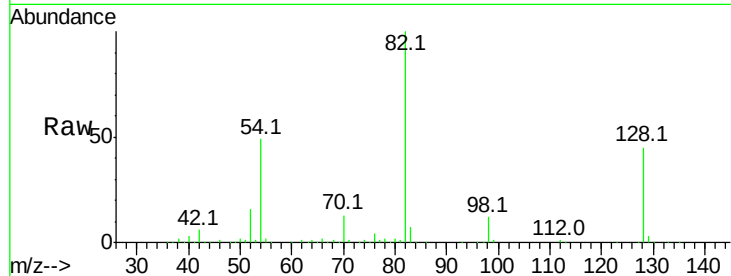
#23
 Nitrobenzene-d5
 Concen: 97.25 ng
 RT: 7.42 min Scan# 510
 Delta R.T. -0.01 min
 Lab File: BF087771.D
 Acq: 7 Jun 2016 2:56

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-49-060116MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.0	35.9	53.9
54	49.2	40.9	61.3

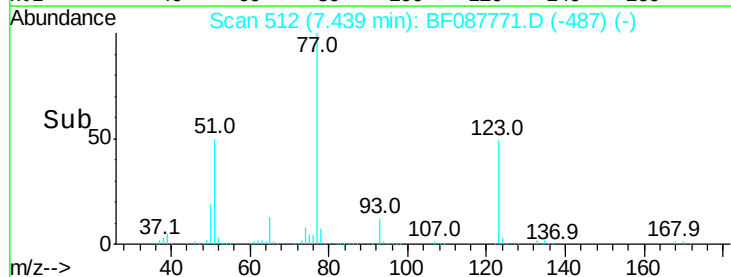
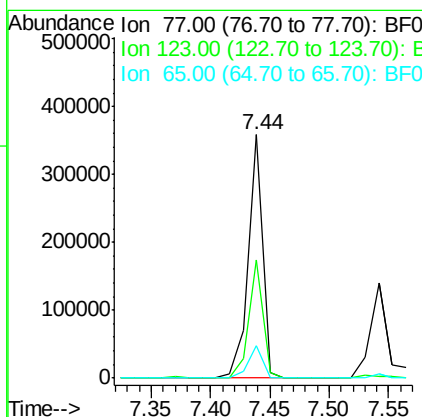
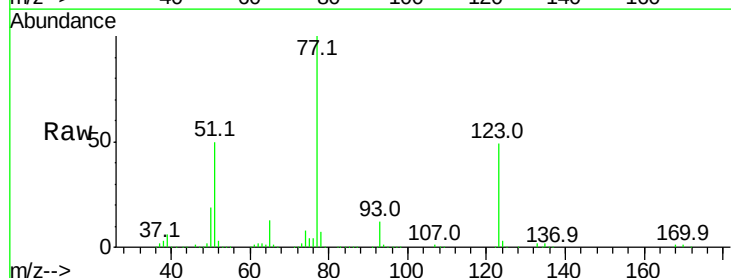
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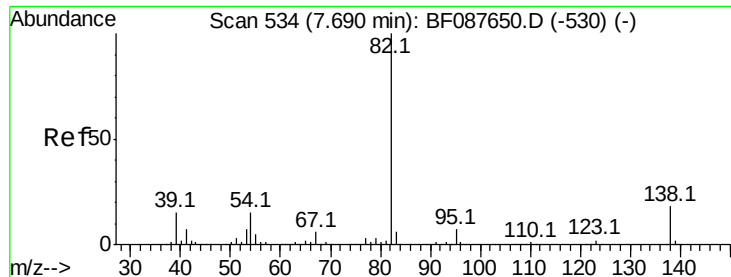
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#24
 Nitrobenzene
 Concen: 51.84 ng
 RT: 7.44 min Scan# 512
 Delta R.T. -0.01 min
 Lab File: BF087771.D
 Acq: 7 Jun 2016 2:56

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.8	45.0	67.4
65	13.3	10.2	15.2





#25

Isophorone

Concen: 49.22 ng

RT: 7.68 min Scan# 533

Delta R.T. -0.01 min

Lab File: BF087771.D

Acq: 7 Jun 2016 2:56

Instrument :

BNA_F

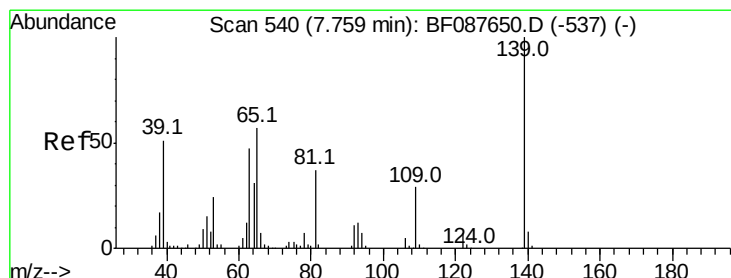
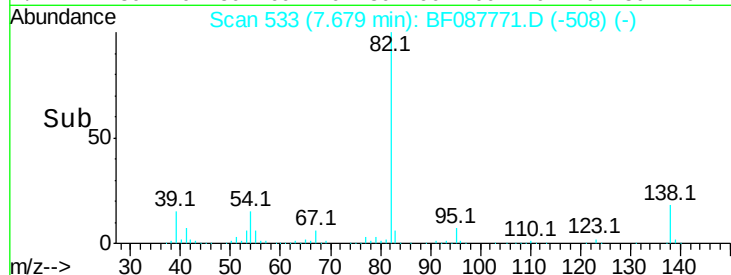
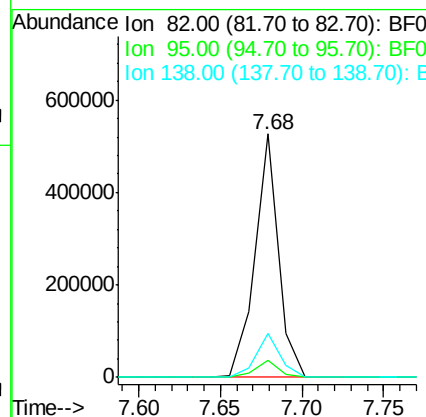
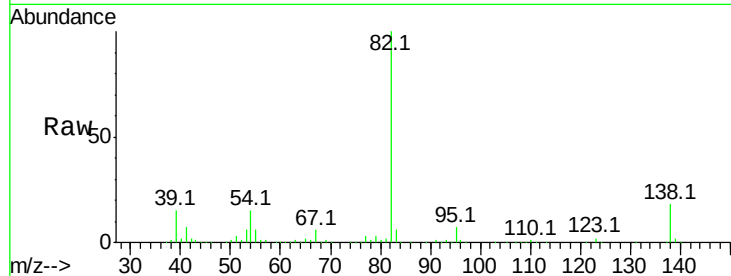
ClientSampleId :

HSR-WC-49-060116MS

Tot Ion:	82	Resp:	527114
Ion Ratio		Lower	Upper
82	100		
95	6.9	5.4	8.2
138	18.2	14.6	21.8

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#26

2-Nitrophenol

Concen: 47.79 ng

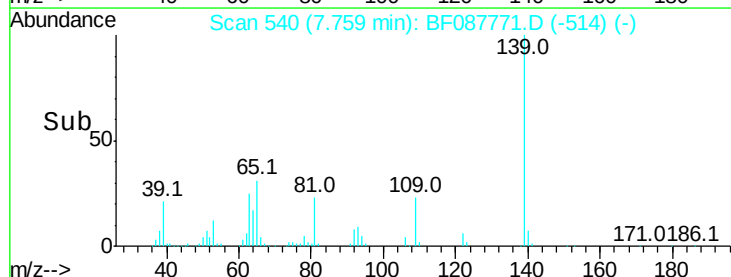
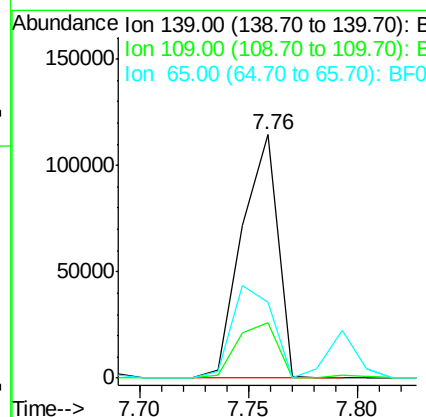
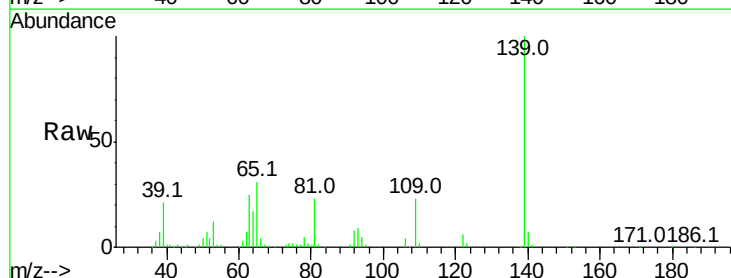
RT: 7.76 min Scan# 540

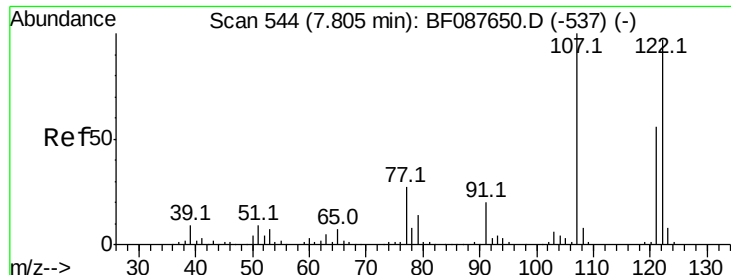
Delta R.T. -0.00 min

Lab File: BF087771.D

Acq: 7 Jun 2016 2:56

Tgt Ion:	139	Resp:	130726
Ion Ratio		Lower	Upper
139	100		
109	22.8	23.0	34.4#
65	31.2	45.8	68.8#





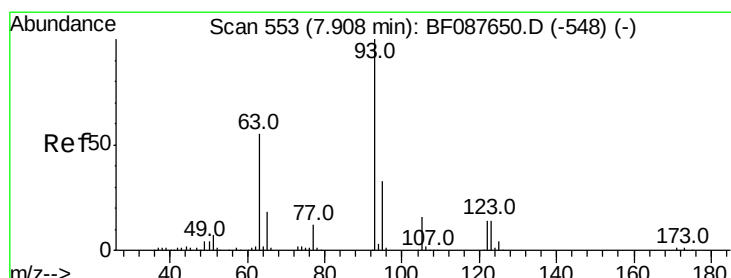
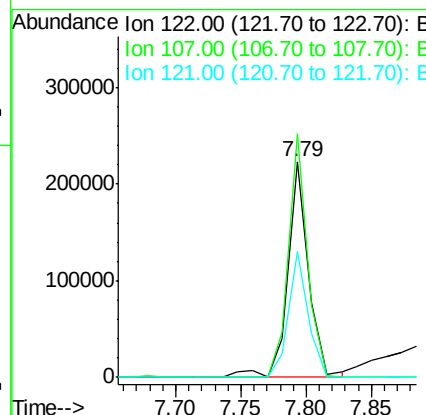
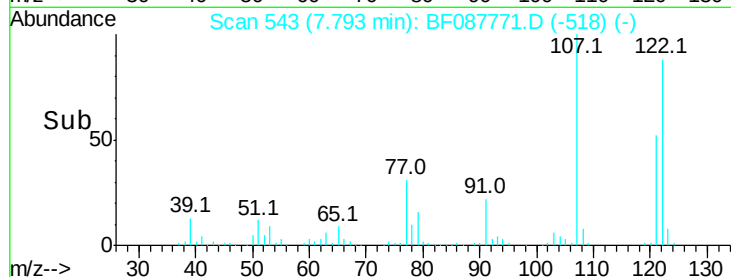
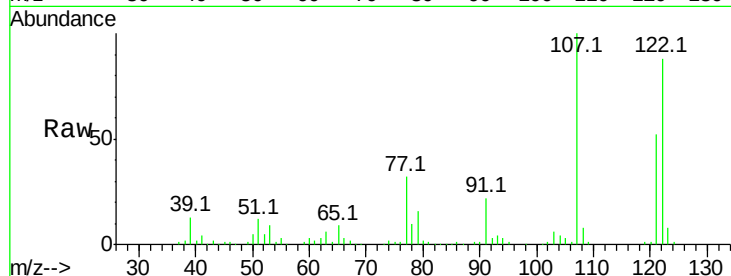
#27
 2,4-Dimethylphenol
 Concen: 43.83 ng
 RT: 7.79 min Scan# 543
 Delta R.T. -0.01 min
 Lab File: BF087771.D
 Acq: 7 Jun 2016 2:56

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-49-060116MS

Tot Ion:	122	Resp:	248500
Ion Ratio		Lower	Upper
122	100		
107	113.0	82.4	123.6
121	58.4	46.3	69.5

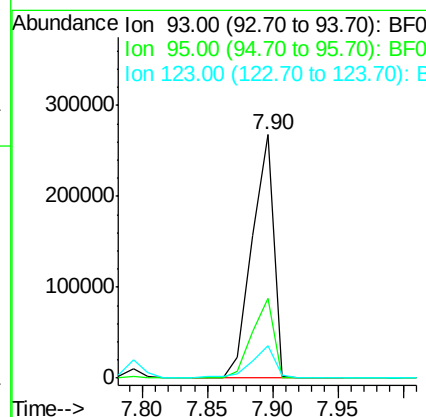
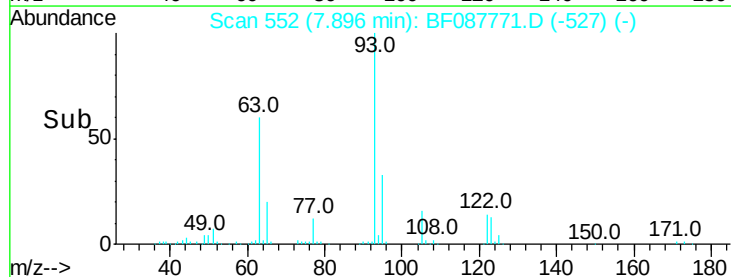
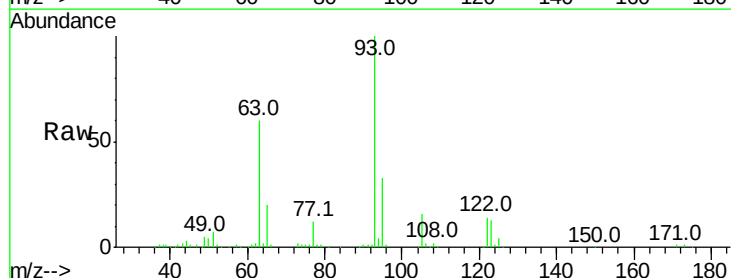
Manual Integrations
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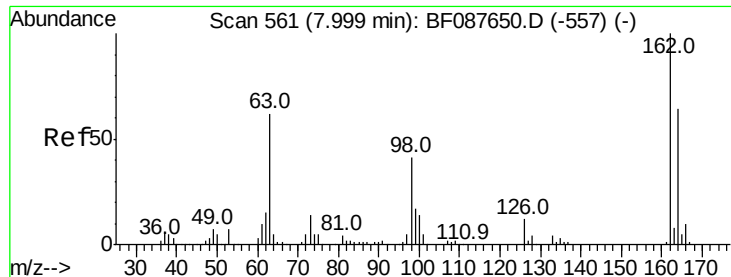
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#28
 bis(2-Chloroethoxy)methane
 Concen: 45.51 ng
 RT: 7.90 min Scan# 552
 Delta R.T. -0.01 min
 Lab File: BF087771.D
 Acq: 7 Jun 2016 2:56

Tgt Ion:	93	Resp:	309152
Ion Ratio		Lower	Upper
93	100		
95	32.7	26.5	39.7
123	13.3	11.6	17.4





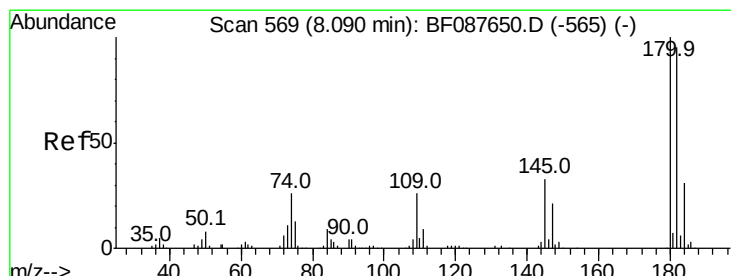
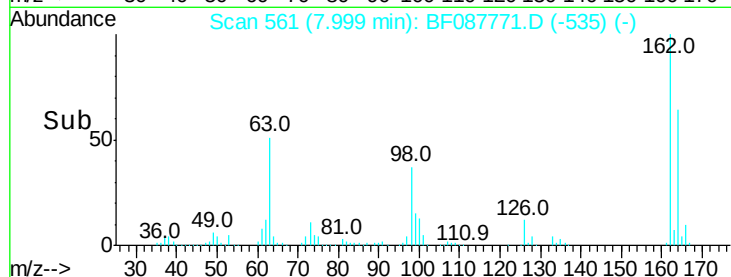
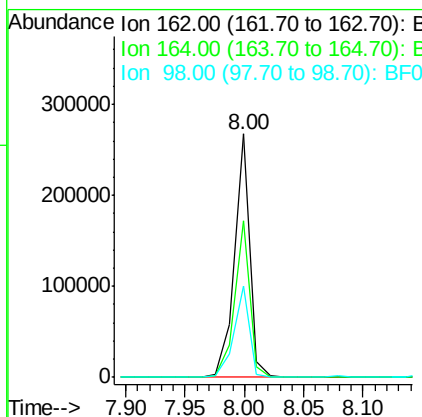
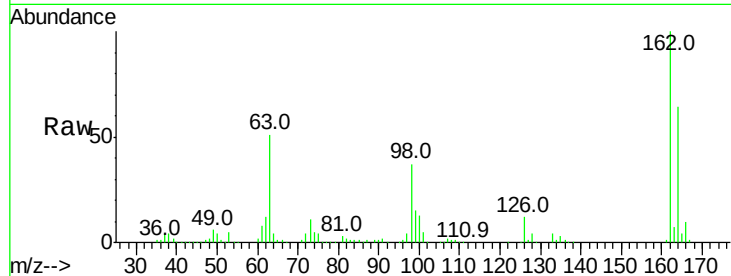
#29
 2,4-Dichlorophenol
 Concen: 51.46 ng
 RT: 8.00 min Scan# 561
 Delta R.T. -0.00 min
 Lab File: BF087771.D
 Acq: 7 Jun 2016 2:56

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-49-060116MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	239604		
164	64.5	43.8	83.8	
98	37.3	21.3	61.3	

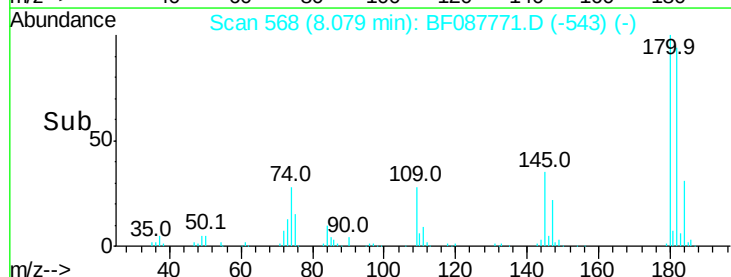
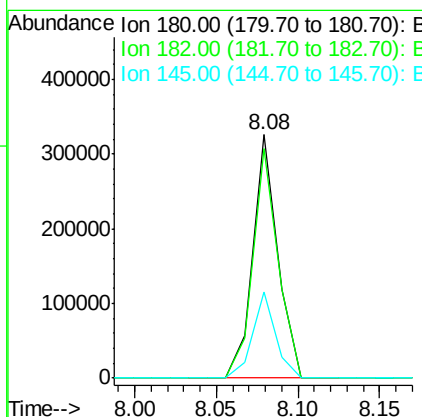
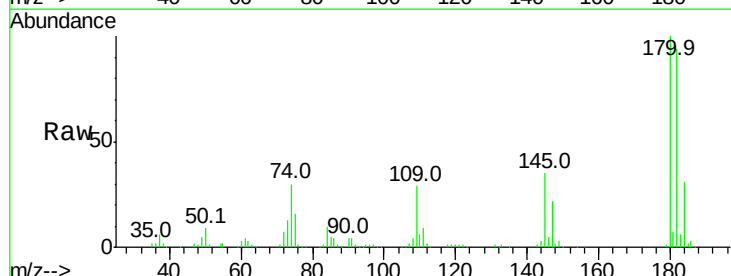
Manual Integrations
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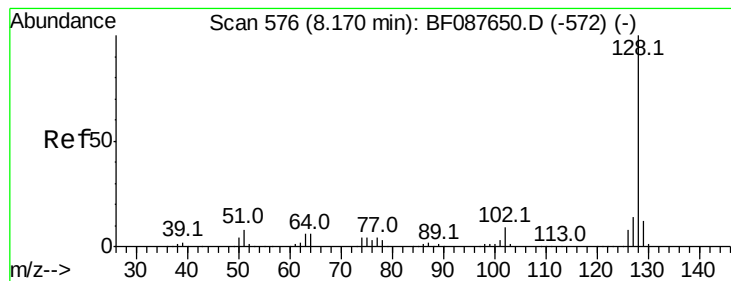
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#30
 1,2,4-Trichlorobenzene
 Concen: 70.84 ng
 RT: 8.08 min Scan# 568
 Delta R.T. -0.01 min
 Lab File: BF087771.D
 Acq: 7 Jun 2016 2:56

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	345427		
182	94.1	76.0	114.0	
145	35.2	26.5	39.7	





#31

Naphthalene

Concen: 48.14 ng

RT: 8.16 min Scan# 575

Delta R.T. -0.01 min

Lab File: BF087771.D

Acq: 7 Jun 2016 2:56

Instrument :

BNA_F

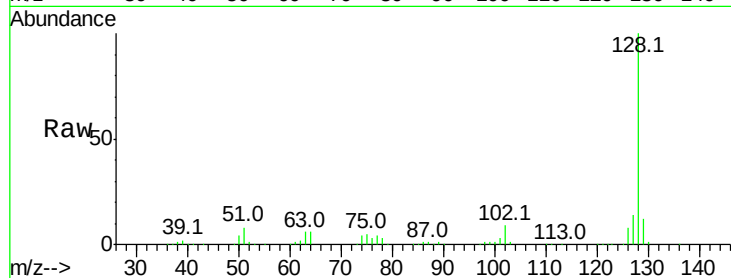
ClientSampleId :

HSR-WC-49-060116MS

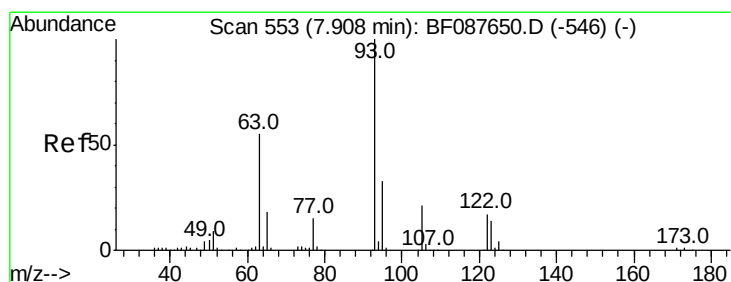
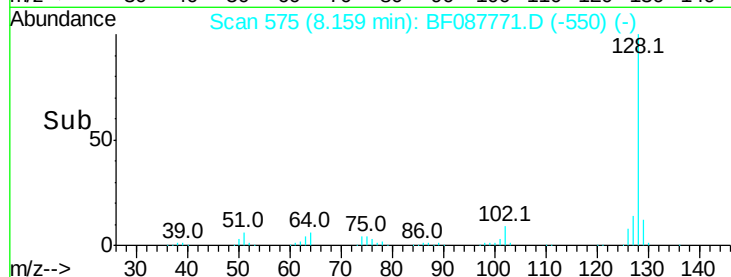
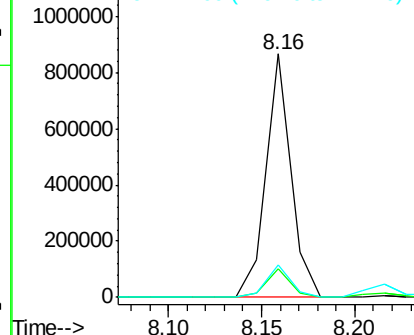
Tot Ion	Ratio	Resp	Lower	Upper
128	100	796698		
129	11.6	9.4	14.2	
127	13.6	10.9	16.3	

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



#32

Benzoic acid

Concen: 41.86 ng

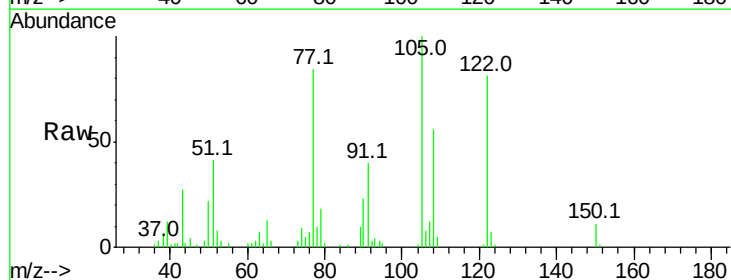
RT: 7.91 min Scan# 553

Delta R.T. 0.00 min

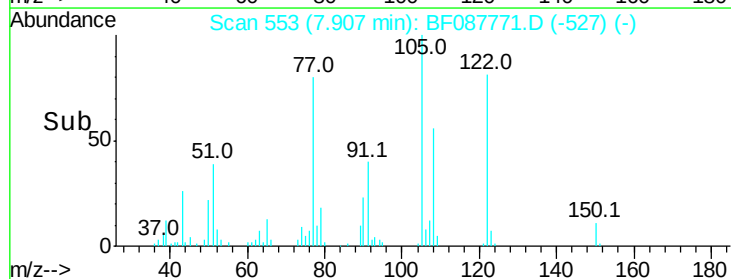
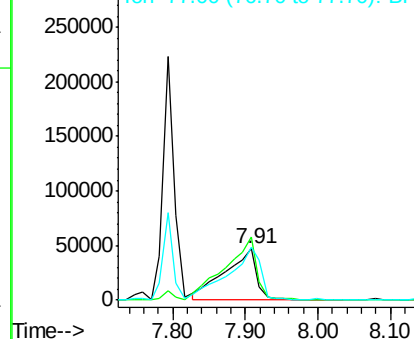
Lab File: BF087771.D

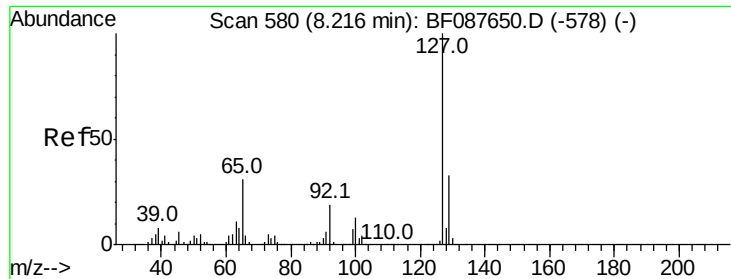
Acq: 7 Jun 2016 2:56

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	143169		
105	123.9	101.6	141.6	
77	103.5	70.6	110.6	



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





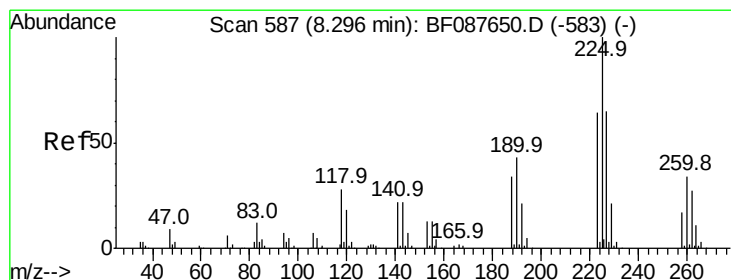
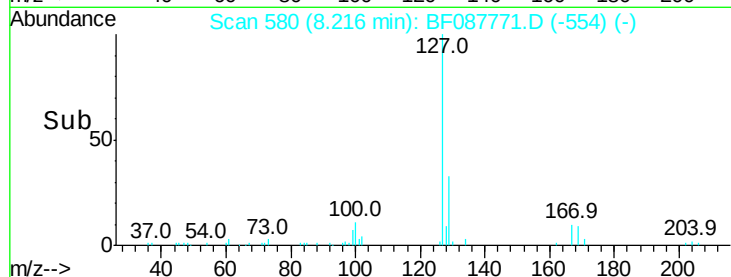
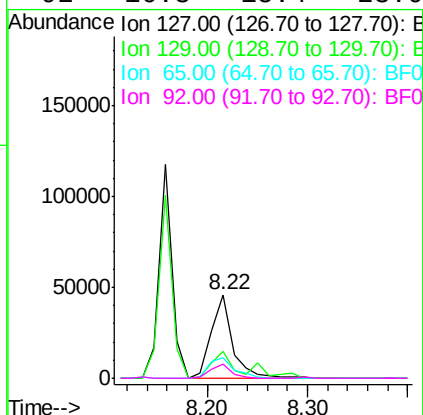
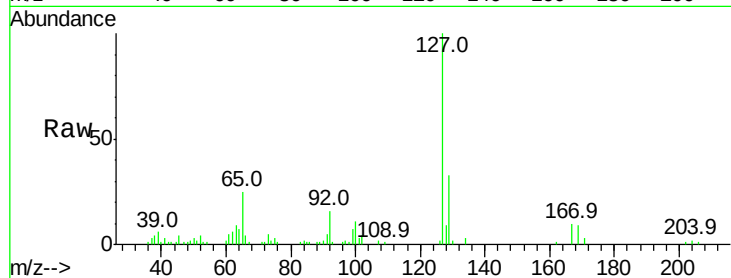
#33
4-Chloroaniline
Concen: 9.34 ng
RT: 8.22 min Scan# 580
Delta R.T. -0.00 min
Lab File: BF087771.D
Acq: 7 Jun 2016 2:56

Instrument :
BNA_F
ClientSampleId :
HSR-WC-49-060116MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		67144		
129	32.6	26.3	39.5		
65	24.6	24.7	37.1		
92	16.3	15.4	23.0		

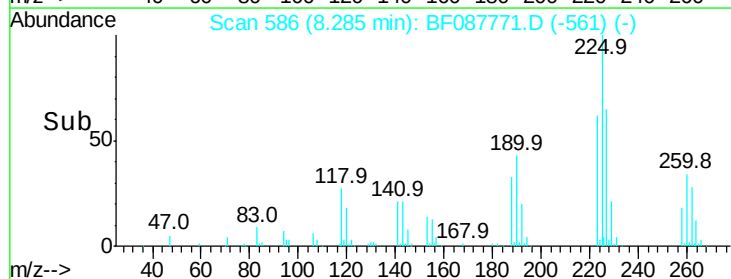
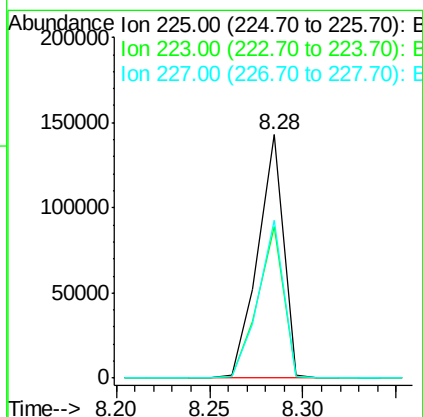
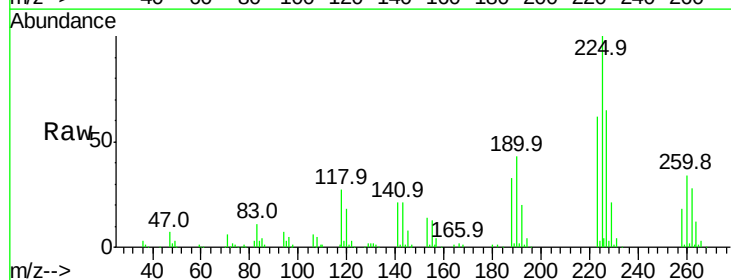
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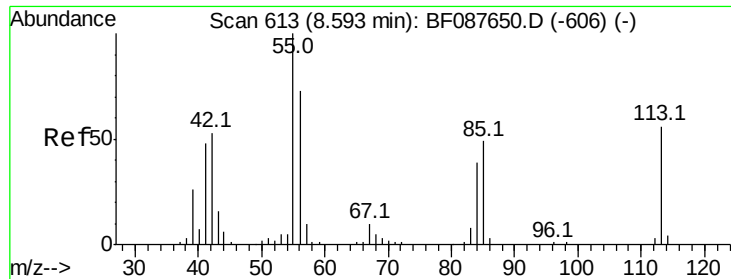
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#34
Hexachlorobutadiene
Concen: 53.63 ng
RT: 8.28 min Scan# 586
Delta R.T. -0.01 min
Lab File: BF087771.D
Acq: 7 Jun 2016 2:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		135966		
223	62.4	50.9	76.3		
227	64.8	51.9	77.9		





#35

Caprolactam

Concen: 38.99 ng

RT: 8.58 min Scan# 612

Delta R.T. -0.01 min

Lab File: BF087771.D

Acq: 7 Jun 2016 2:56

Instrument :

BNA_F

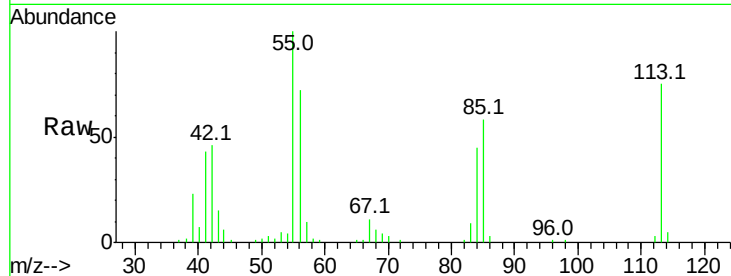
ClientSampleId :

HSR-WC-49-060116MS

Tot Ion:	113	Resp:	59636
Ion Ratio	Lower	Upper	
113	100		
55	133.0	158.6	198.6#
56	96.0	110.6	150.6#

Manual Integrations
APPROVED

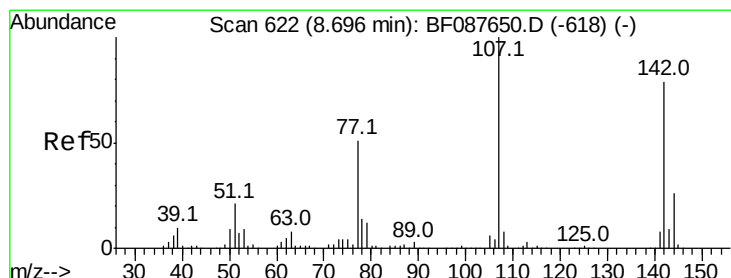
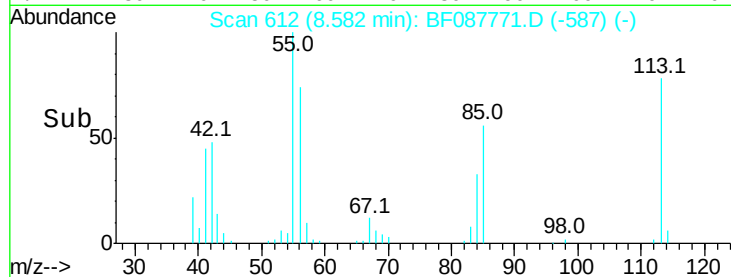
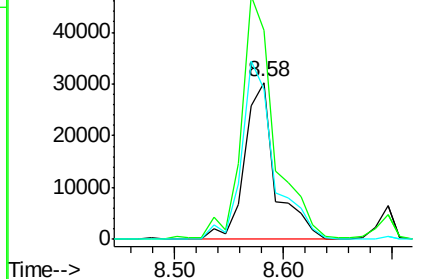
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 47.00 ng

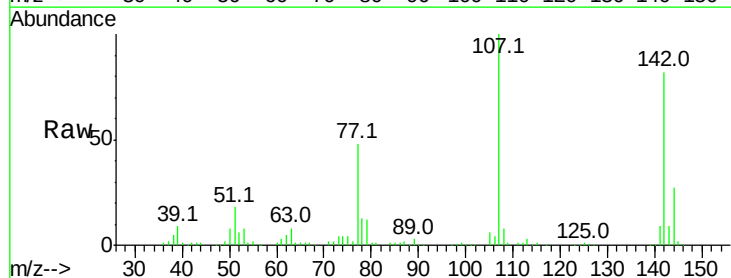
RT: 8.70 min Scan# 622

Delta R.T. -0.00 min

Lab File: BF087771.D

Acq: 7 Jun 2016 2:56

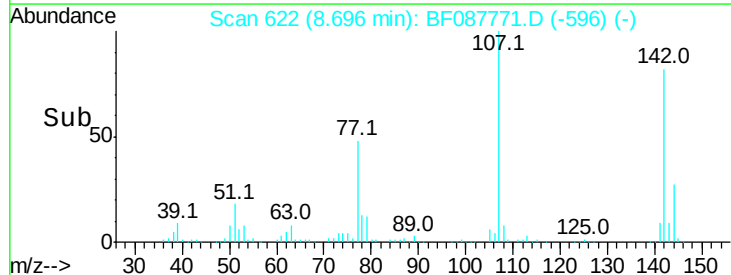
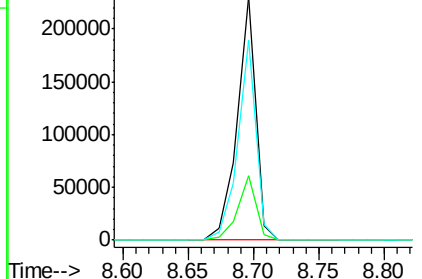
Tgt Ion:	107	Resp:	226363
Ion Ratio	Lower	Upper	
107	100		
144	26.6	20.8	31.2
142	82.3	63.4	95.2

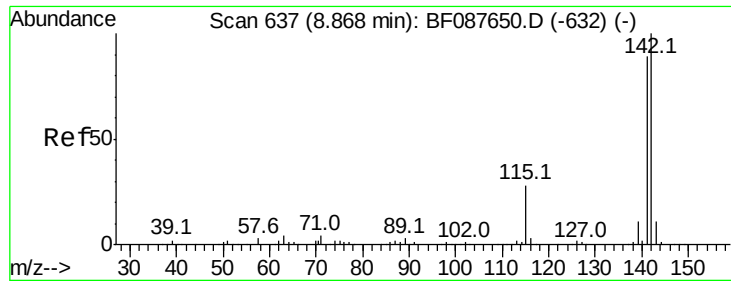


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





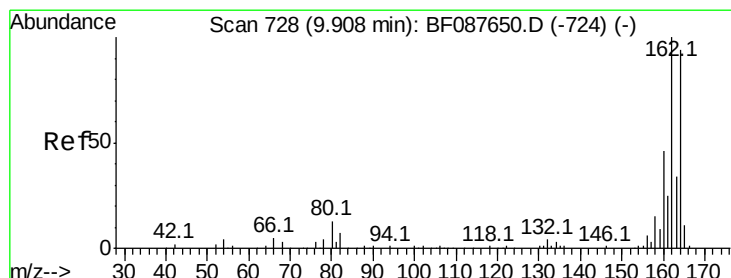
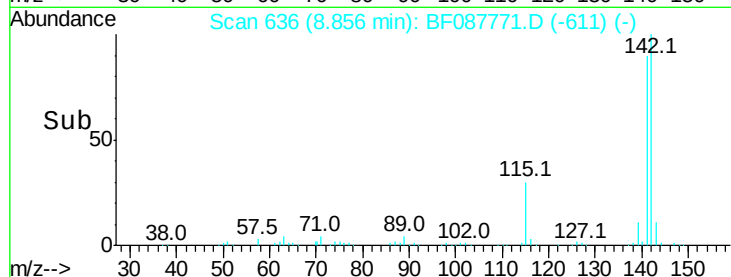
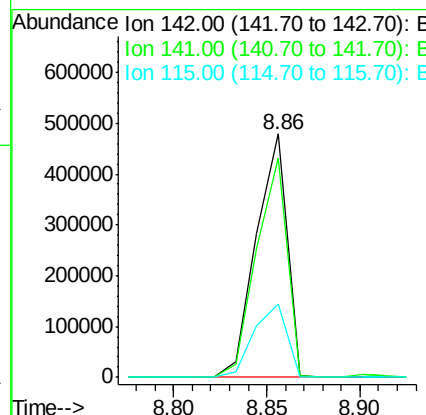
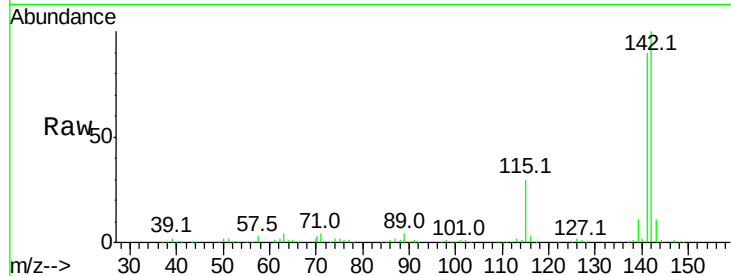
#37
2-Methylnaphthalene
Concen: 49.89 ng
RT: 8.86 min Scan# 636
Delta R.T. -0.01 min
Lab File: BF087771.D
Acq: 7 Jun 2016 2:56

Instrument :
BNA_F
ClientSampleId :
HSR-WC-49-060116MS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	545176		
141	90.0	71.0	106.6	
115	30.0	22.6	33.8	

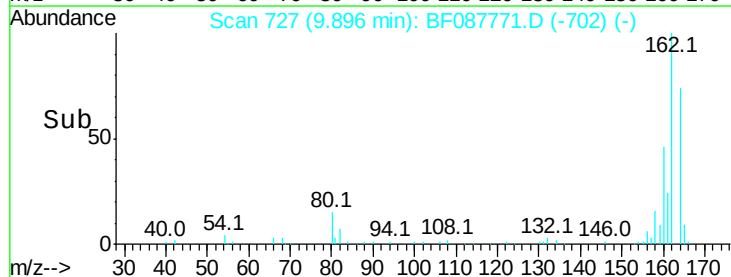
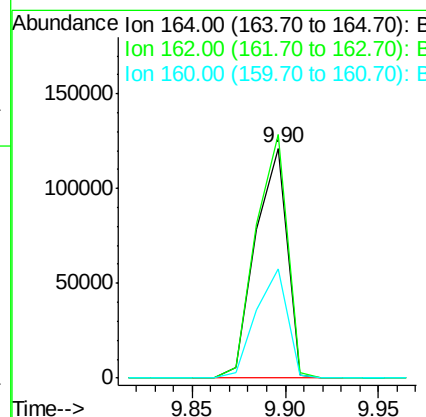
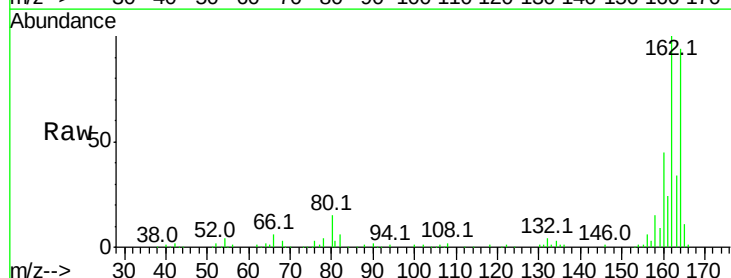
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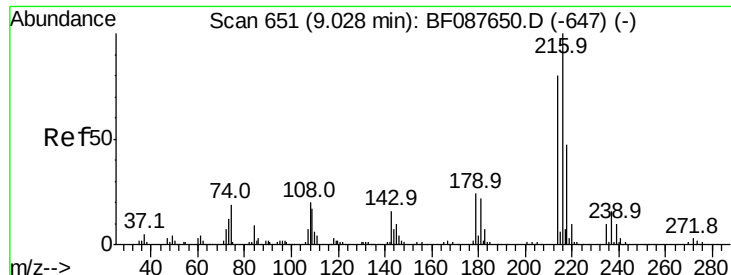
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF087771.D
Acq: 7 Jun 2016 2:56

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	141871		
162	106.1	85.4	128.2	
160	47.7	39.5	59.3	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 54.25 ng

RT: 9.02 min Scan# 650

Delta R.T. -0.01 min

Lab File: BF087771.D

Acq: 7 Jun 2016 2:56

Instrument :

BNA_F

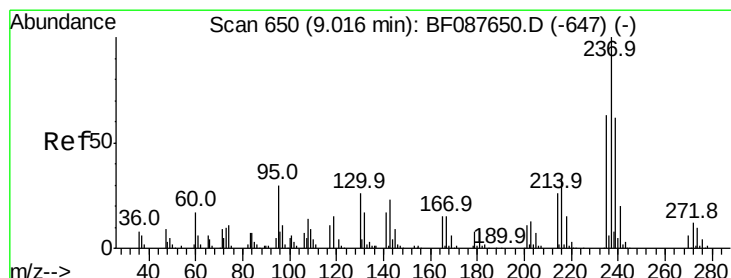
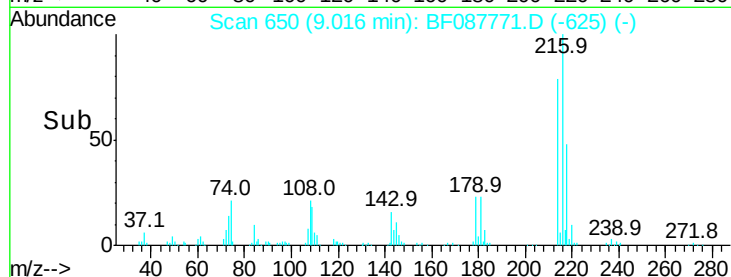
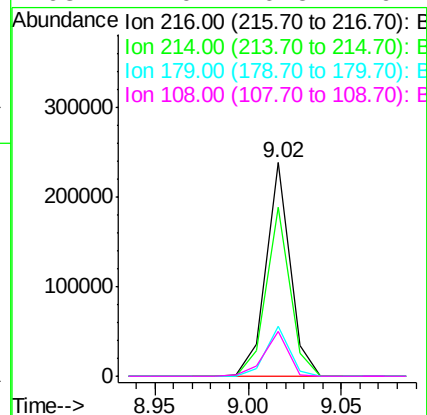
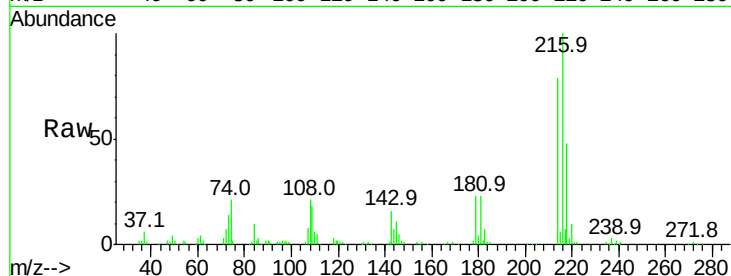
ClientSampleId :

HSR-WC-49-060116MS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.0	2.9	4.3#
179	22.8	0.0	0.0#
108	21.0	0.5	0.7#

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#40

Hexachlorocyclopentadiene

Concen: 24.74 ng

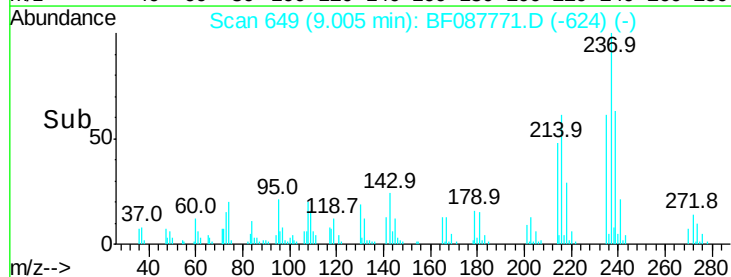
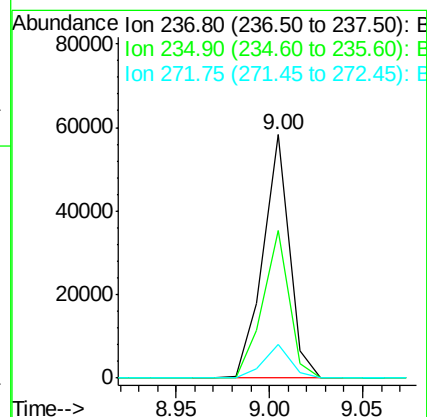
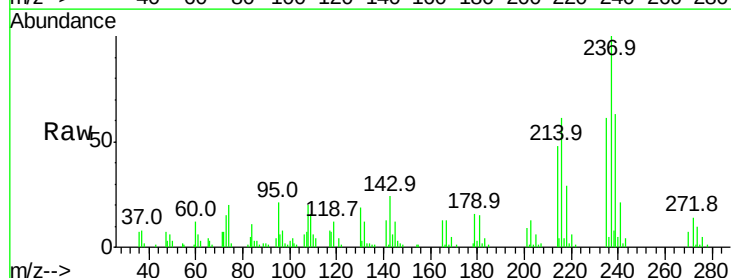
RT: 9.00 min Scan# 649

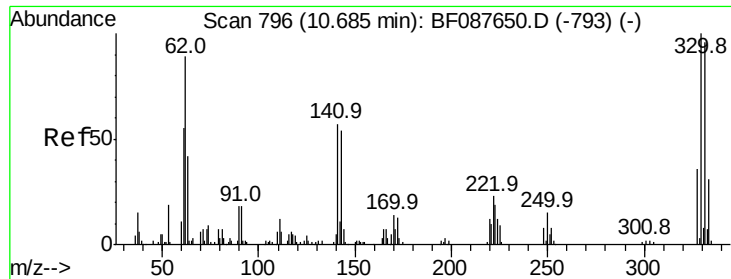
Delta R.T. -0.01 min

Lab File: BF087771.D

Acq: 7 Jun 2016 2:56

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	60.6	43.4	83.4
272	13.8	0.0	32.3





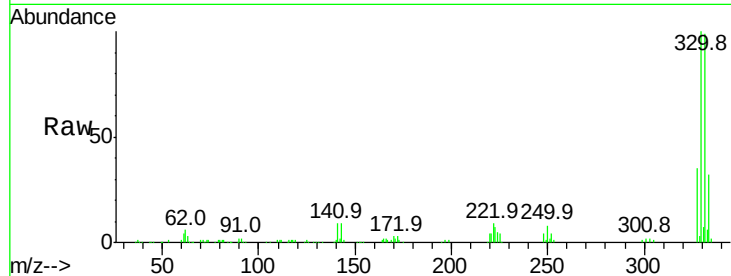
#41
 2,4,6-Tribromophenol
 Concen: 138.60 ng
 RT: 10.68 min Scan# 796
 Delta R.T. -0.00 min
 Lab File: BF087771.D
 Acq: 7 Jun 2016 2:56

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-49-060116MS

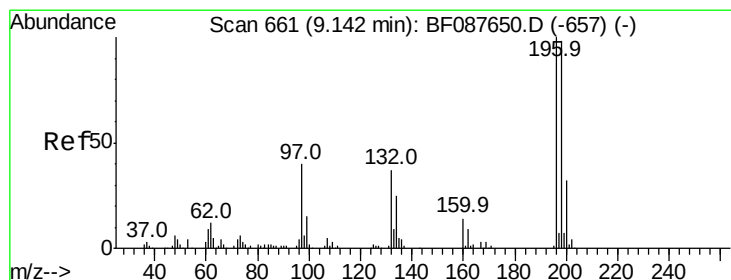
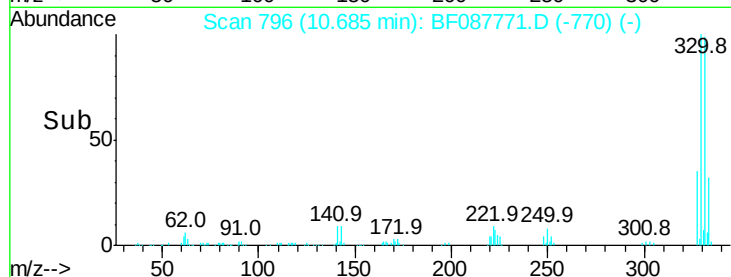
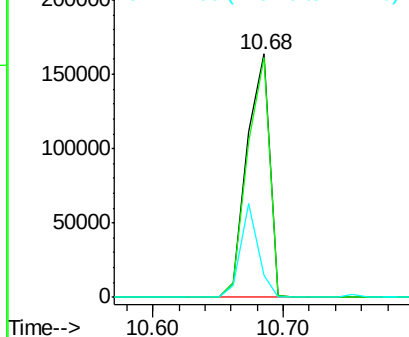
Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	96.6	0.0	0.0#
141	30.5	0.0	0.0#

Manual Integrations
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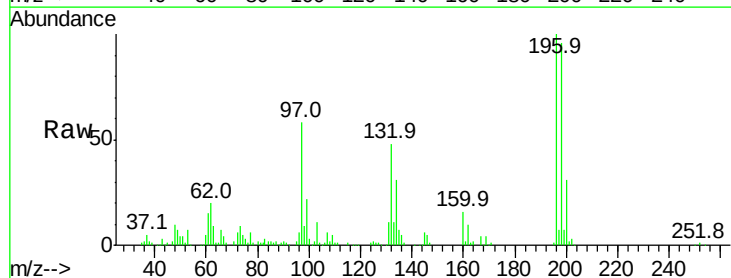


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

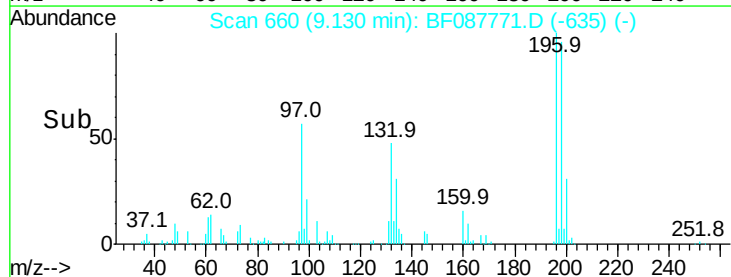
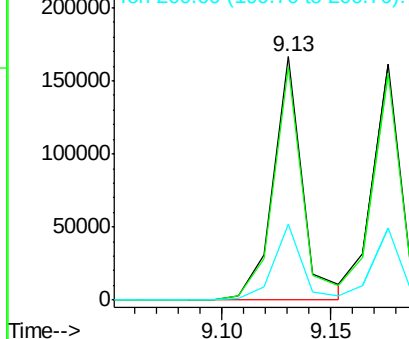


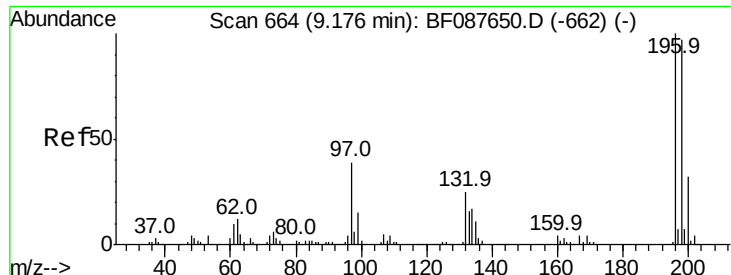
#42
 2,4,6-Trichlorophenol
 Concen: 53.00 ng
 RT: 9.13 min Scan# 660
 Delta R.T. -0.01 min
 Lab File: BF087771.D
 Acq: 7 Jun 2016 2:56

Tgt Ion	Ratio	Resp Lower	Upper
196	100		
198	96.0	78.0	117.0
200	31.1	25.4	38.2



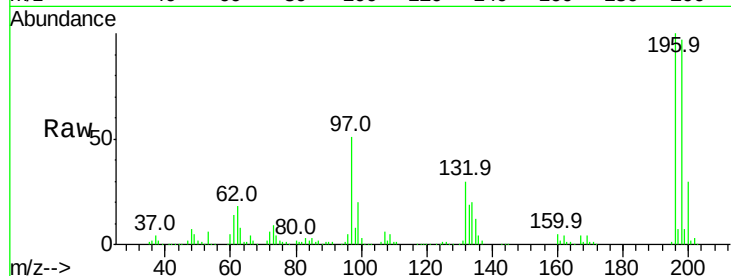
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





#43
 2,4,5-Trichlorophenol
 Concen: 51.46 ng
 RT: 9.18 min Scan# 664
 Delta R.T. -0.00 min
 Lab File: BF087771.D
 Acq: 7 Jun 2016 2:56

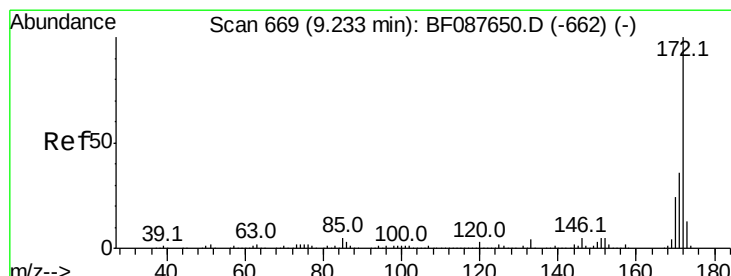
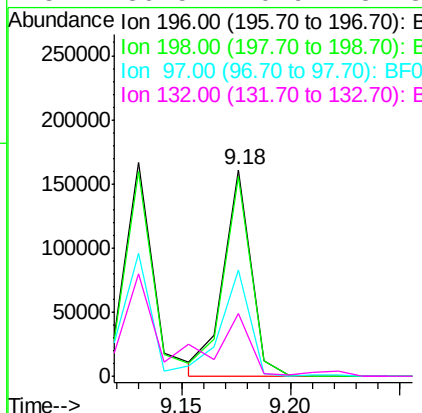
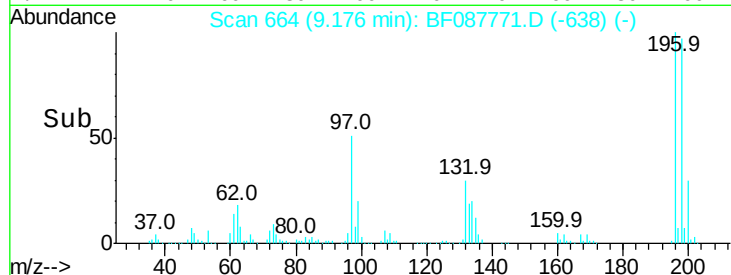
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-49-060116MS



Tot Ion	Ratio	Resp	Lower	Upper
196	100	141409		
198	96.6	77.5	116.3	
97	51.4	32.0	48.0	
132	30.5	20.9	31.3	

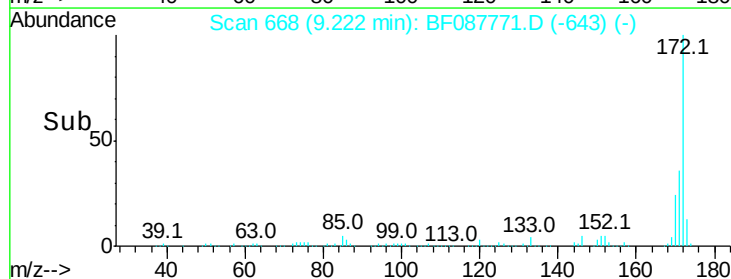
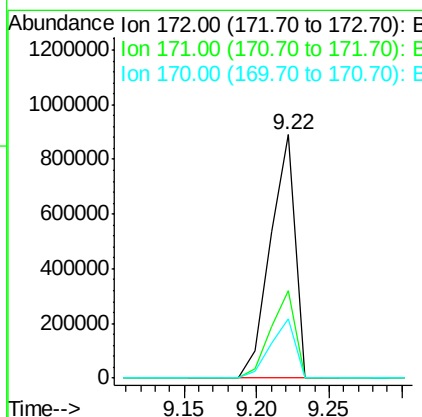
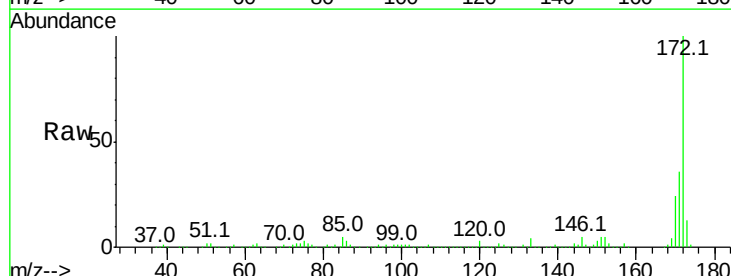
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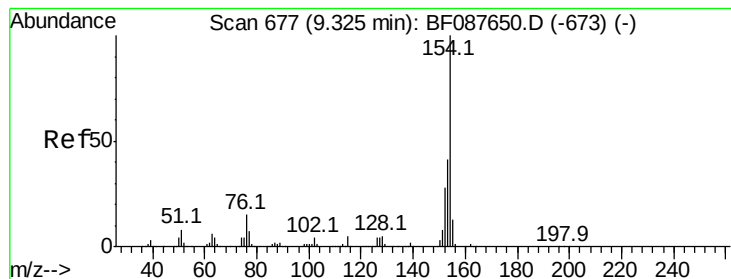
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#44
 2-Fluorobiphenyl
 Concen: 156.28 ng
 RT: 9.22 min Scan# 668
 Delta R.T. -0.01 min
 Lab File: BF087771.D
 Acq: 7 Jun 2016 2:56

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1047984		
171	36.1	28.6	43.0	
170	24.2	19.2	28.8	





#45

1,1'-Biphenyl

Concen: 49.85 ng

RT: 9.31 min Scan# 676

Delta R.T. -0.01 min

Lab File: BF087771.D

Acq: 7 Jun 2016 2:56

Instrument :

BNA_F

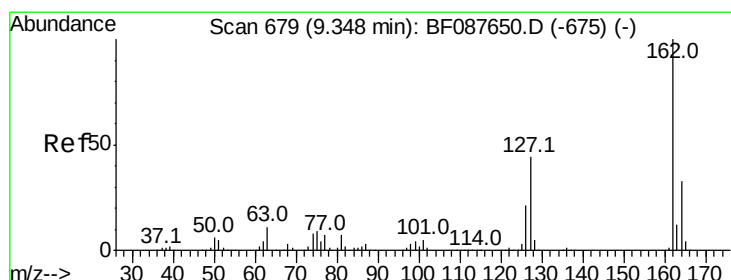
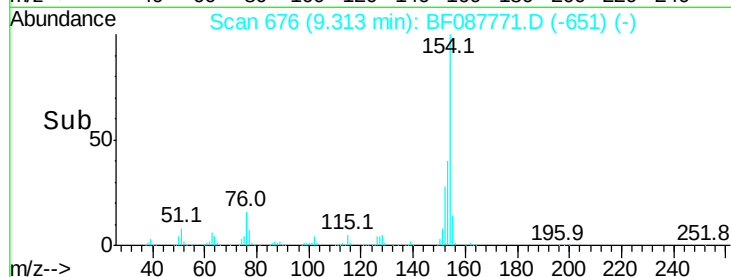
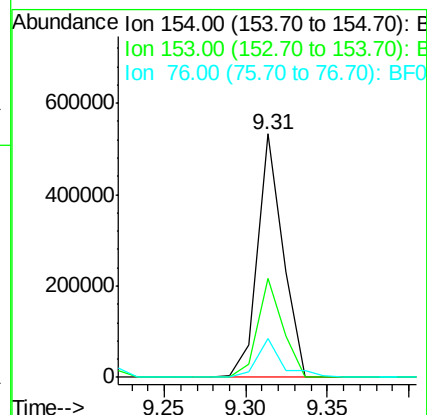
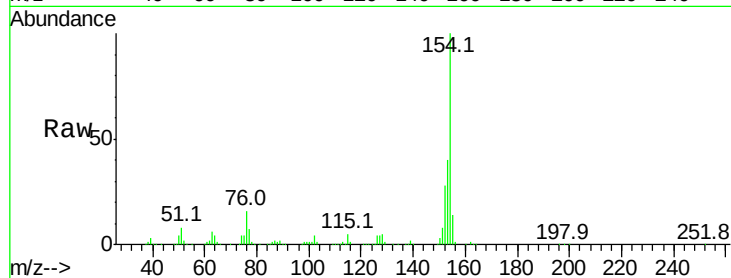
ClientSampleId :

HSR-WC-49-060116MS

Tot Ion:	154	Resp:	574012
Ion Ratio	Lower	Upper	
154	100		
153	40.5	20.6	60.6
76	15.7	0.0	35.1

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#46

2-Chloronaphthalene

Concen: 49.45 ng

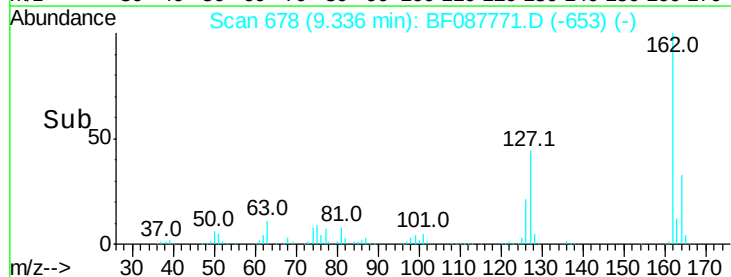
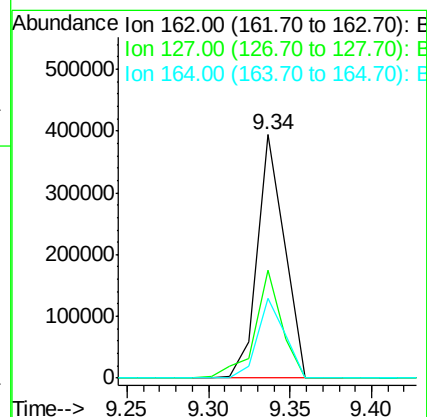
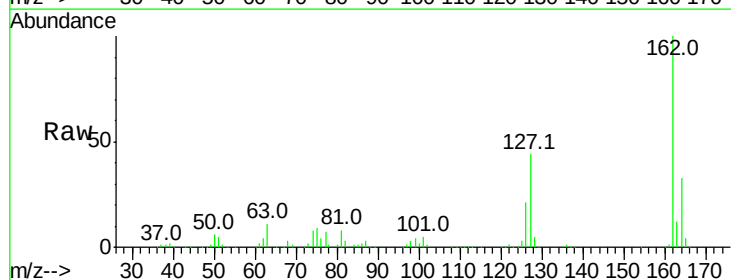
RT: 9.34 min Scan# 678

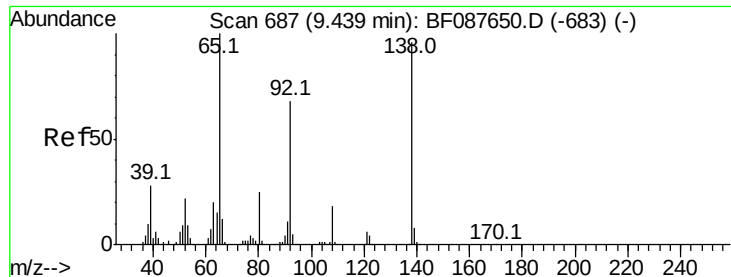
Delta R.T. -0.01 min

Lab File: BF087771.D

Acq: 7 Jun 2016 2:56

Tgt Ion:	162	Resp:	453195
Ion Ratio	Lower	Upper	
162	100		
127	44.3	35.2	52.8
164	33.0	26.6	39.8





#47

2-Nitroaniline

Concen: 53.71 ng

RT: 9.44 min Scan# 687

Delta R.T. -0.00 min

Lab File: BF087771.D

Acq: 7 Jun 2016 2:56

Instrument :

BNA_F

ClientSampleId :

HSR-WC-49-060116MS

Tot Ion: 65 Resp: 138603

Ion Ratio Lower Upper

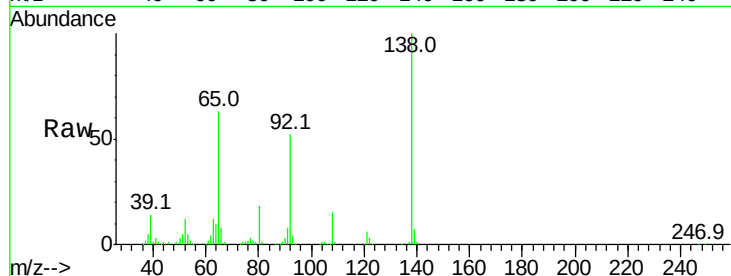
65 100

92 82.0 54.6 82.0#

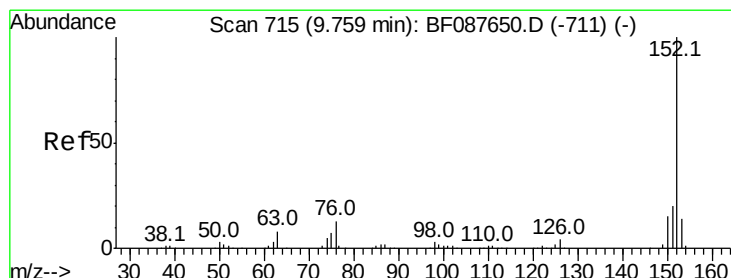
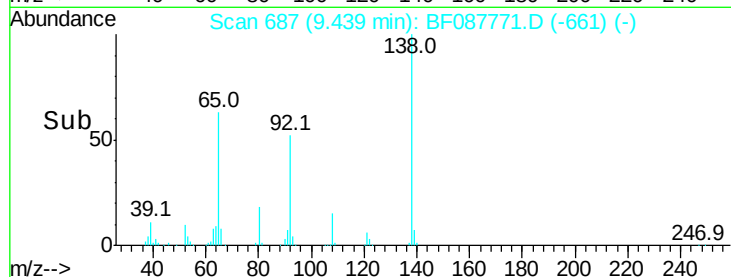
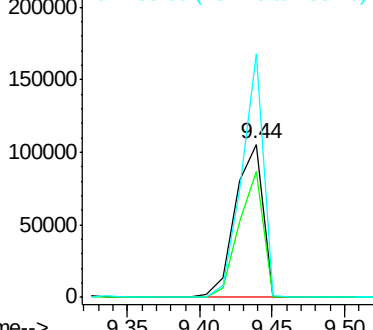
138 158.8 77.0 115.4#

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Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E



#48

Acenaphthylene

Concen: 50.85 ng

RT: 9.76 min Scan# 715

Delta R.T. -0.00 min

Lab File: BF087771.D

Acq: 7 Jun 2016 2:56

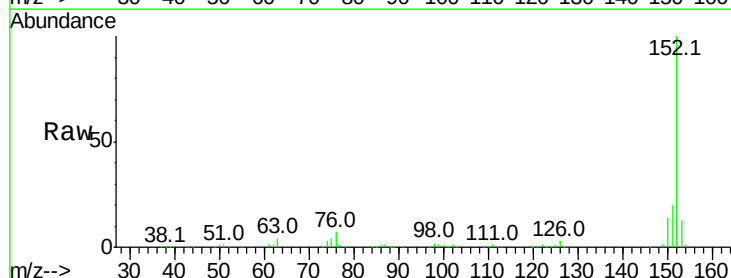
Tgt Ion: 152 Resp: 726864

Ion Ratio Lower Upper

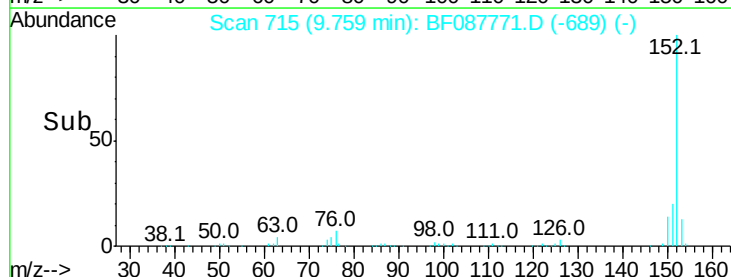
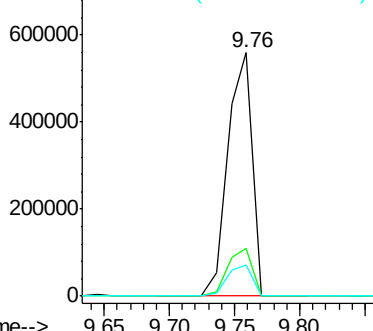
152 100

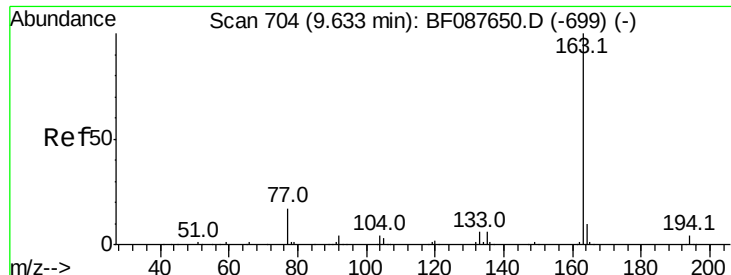
151 19.8 16.2 24.4

153 12.9 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





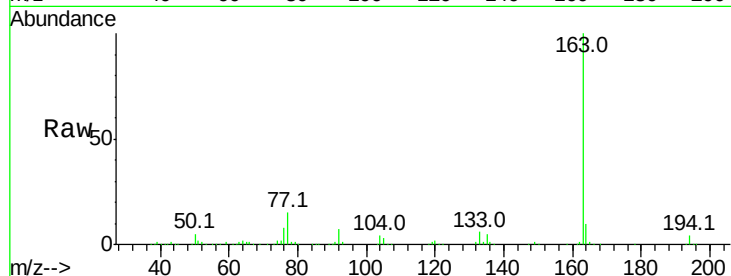
#49
Dimethylphthalate
Concen: 58.38 ng
RT: 9.62 min Scan# 703
Delta R.T. -0.01 min
Lab File: BF087771.D
Acq: 7 Jun 2016 2:56

Instrument :
BNA_F
ClientSampleId :
HSR-WC-49-060116MS

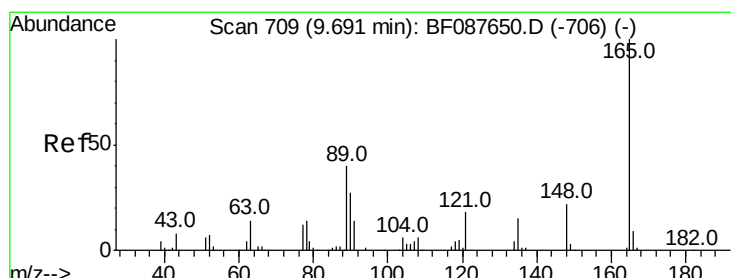
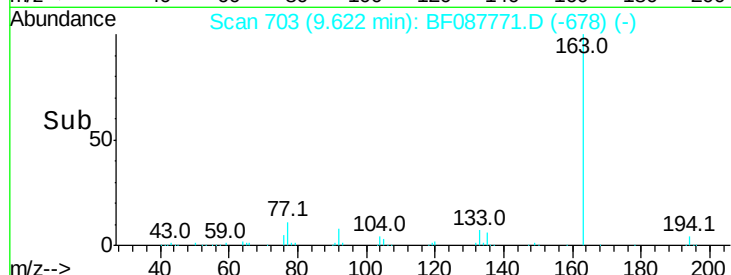
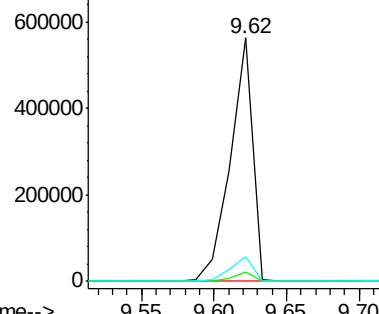
Tot Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.7	2.8	4.2
164	10.0	8.3	12.5

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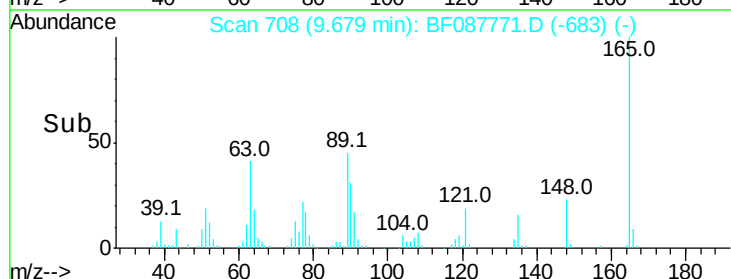
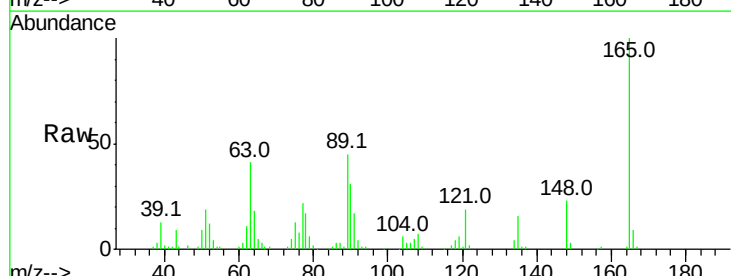
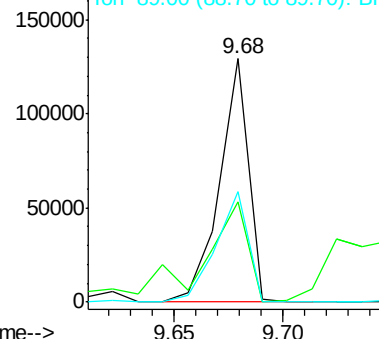
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

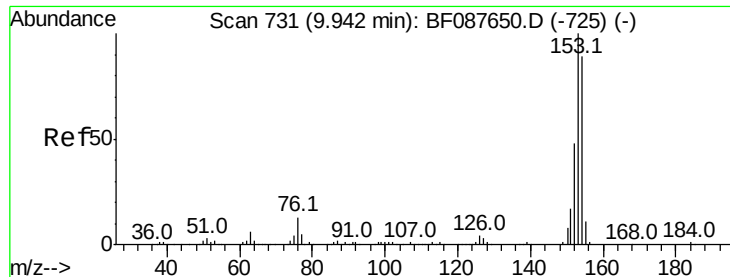


#50
2,6-Dinitrotoluene
Concen: 50.61 ng
RT: 9.68 min Scan# 708
Delta R.T. -0.01 min
Lab File: BF087771.D
Acq: 7 Jun 2016 2:56

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	41.4	28.1	42.1
89	45.5	32.2	48.2

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





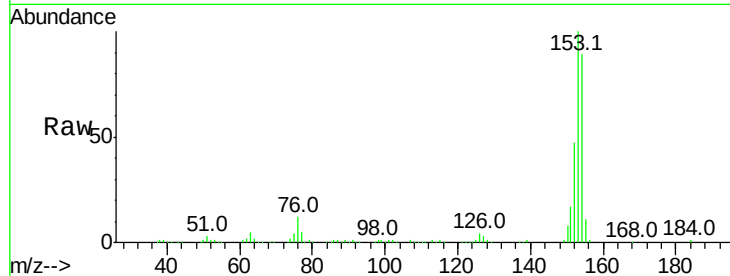
#51
Acenaphthene
Concen: 47.64 ng
RT: 9.93 min Scan# 730
Delta R.T. -0.01 min
Lab File: BF087771.D
Acq: 7 Jun 2016 2:56

Instrument :
BNA_F
ClientSampleId :
HSR-WC-49-060116MS

Tot Ion	Ratio	Lower	Upper
154	100		
153	112.6	89.5	134.3
152	53.4	42.7	64.1

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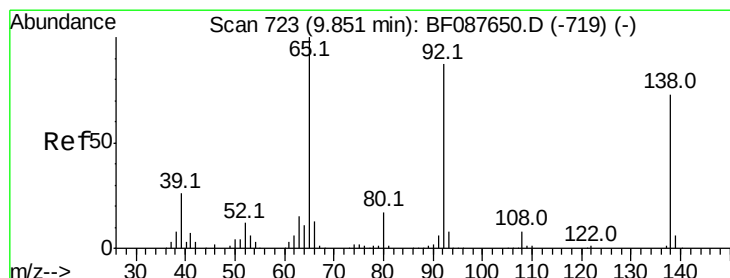
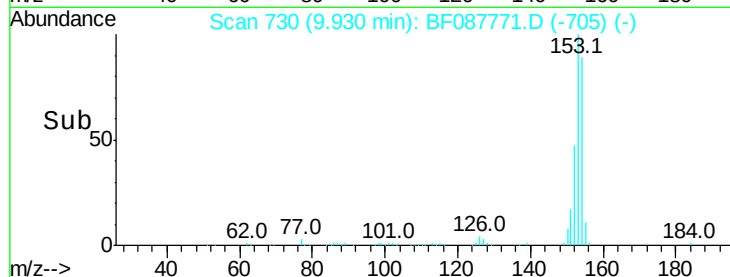
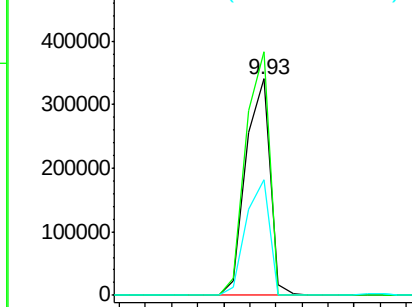


Abundance

Ion 154.00 (153.70 to 154.70): E

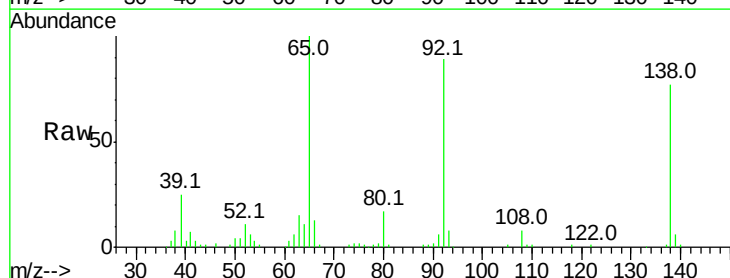
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52
3-Nitroaniline
Concen: 23.92 ng
RT: 9.84 min Scan# 722
Delta R.T. -0.01 min
Lab File: BF087771.D
Acq: 7 Jun 2016 2:56

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.4	8.5	12.7
92	115.9	95.7	143.5

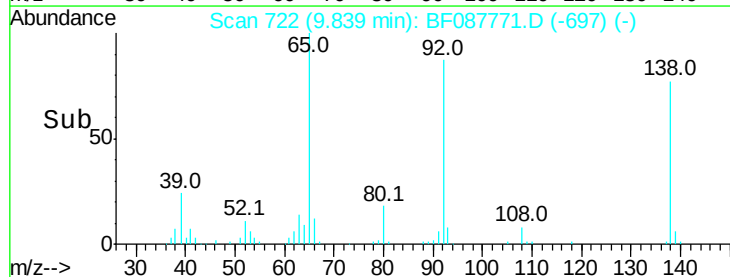
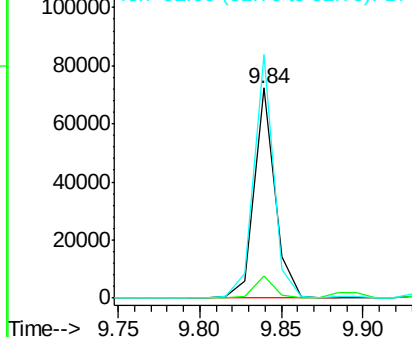


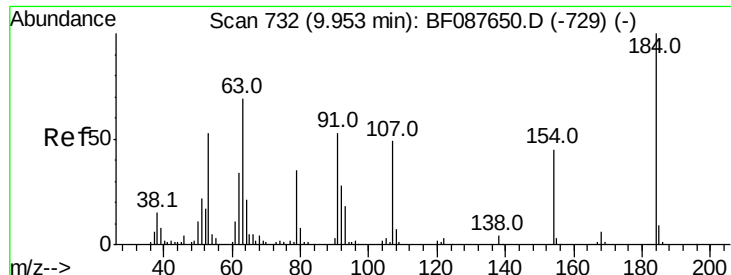
Abundance

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





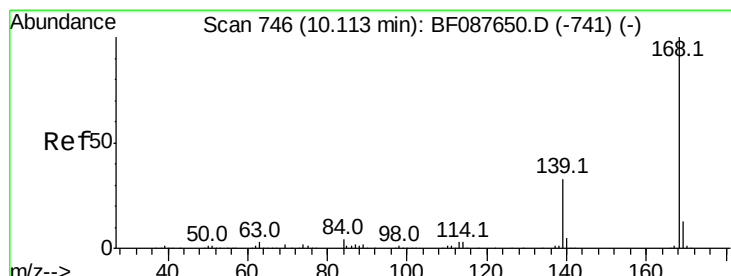
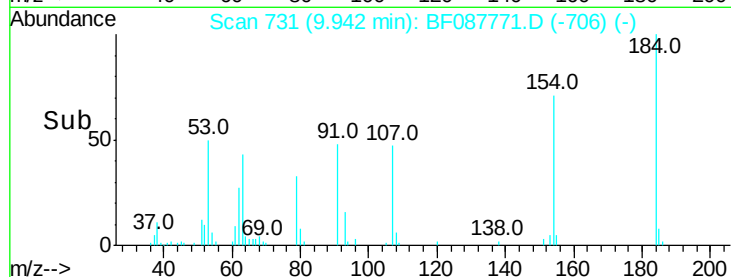
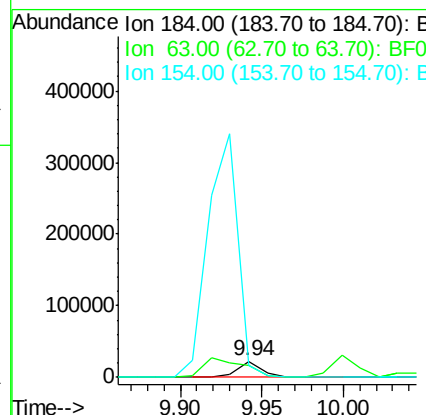
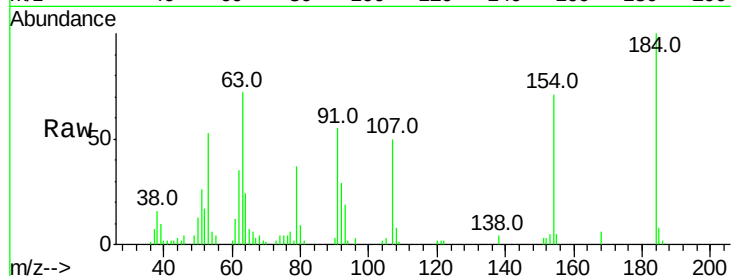
#53
2,4-Dinitrophenol
Concen: 23.54 ng
RT: 9.94 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF087771.D
Acq: 7 Jun 2016 2:56

Instrument :
BNA_F
ClientSampleId :
HSR-WC-49-060116MS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	71.8	57.6	86.4	
154	70.8	53.5	80.3	

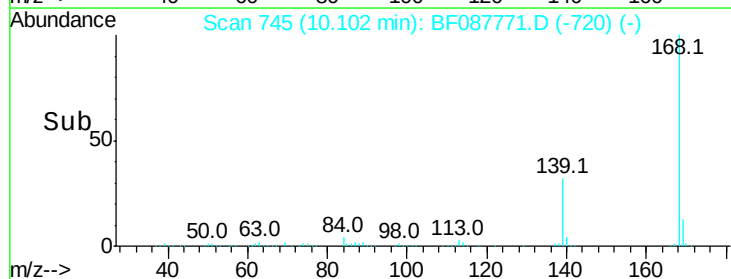
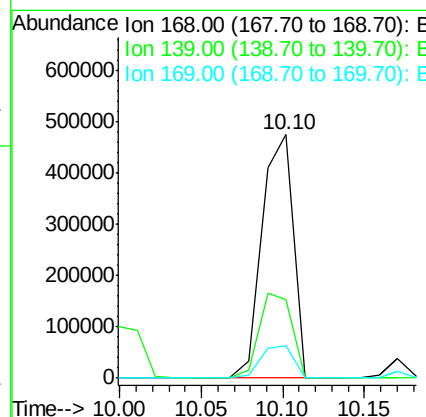
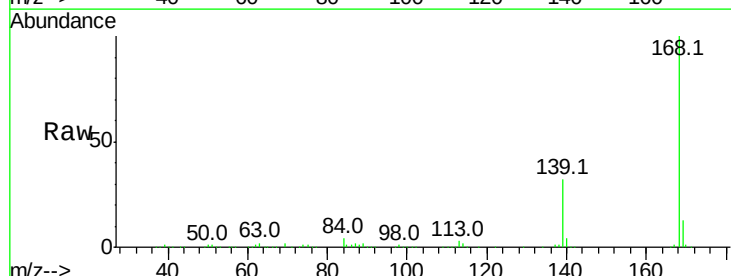
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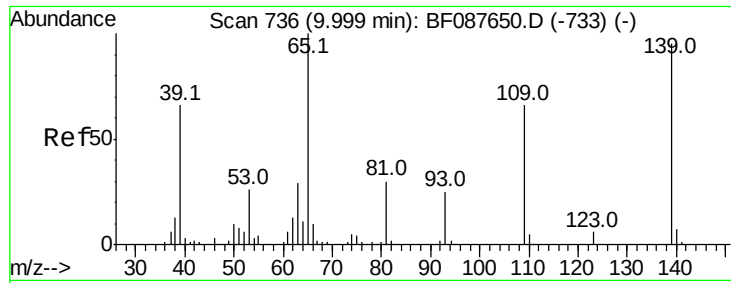
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#54
Dibenzofuran
Concen: 50.49 ng
RT: 10.10 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF087771.D
Acq: 7 Jun 2016 2:56

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	32.1	26.4	39.6	
169	13.1	10.4	15.6	





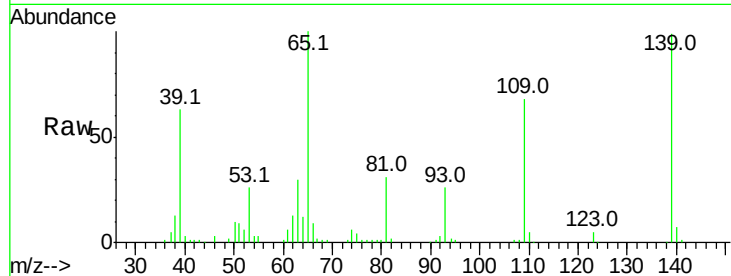
#55
4-Nitrophenol
Concen: 64.36 ng
RT: 10.00 min Scan# 736
Delta R.T. -0.00 min
Lab File: BF087771.D
Acq: 7 Jun 2016 2:56

Instrument :
BNA_F
ClientSampleId :
HSR-WC-49-060116MS

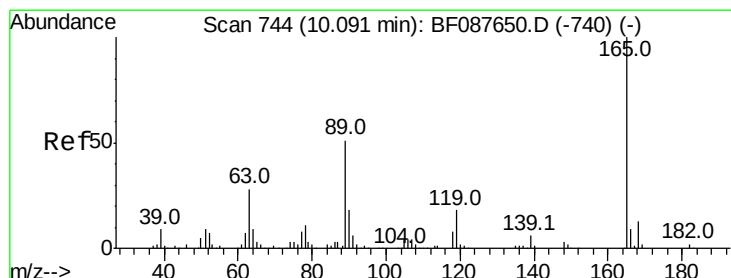
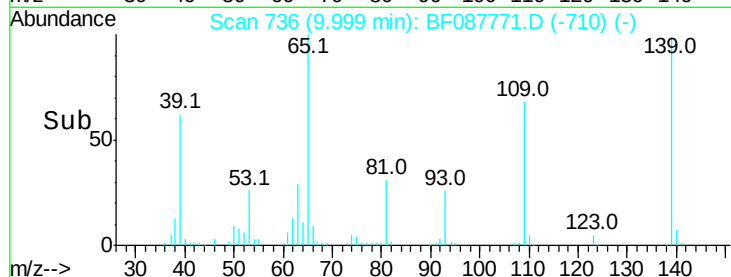
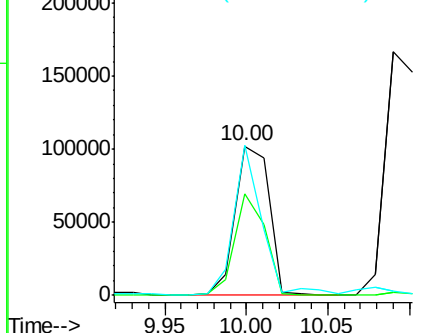
Tot Ion	Ratio	Resp	Lower	Upper
139	100	147654		
109	68.2	48.9	88.9	
65	100.6	84.9	124.9	

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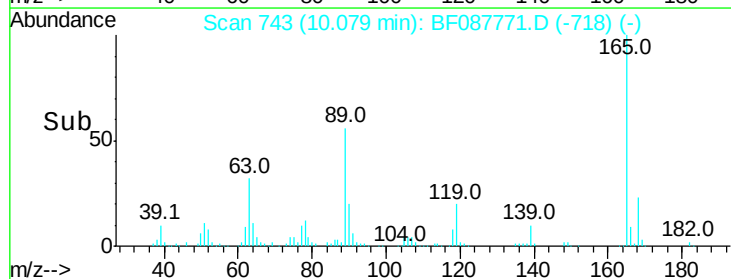
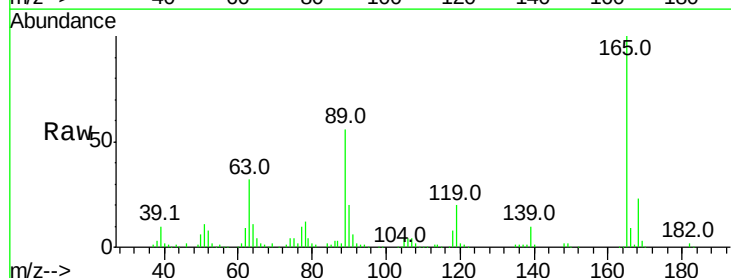
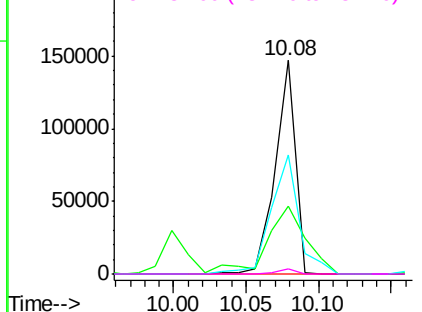
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

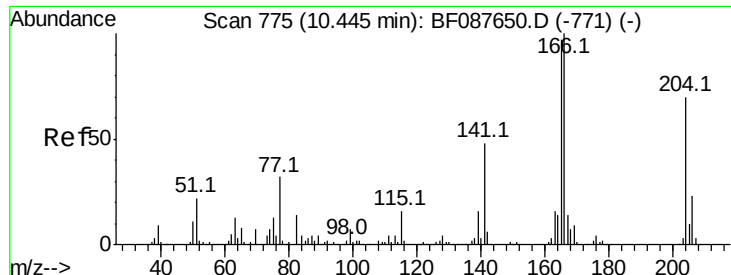


#56
2,4-Dinitrotoluene
Concen: 47.29 ng
RT: 10.08 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF087771.D
Acq: 7 Jun 2016 2:56

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	141324		
63	31.8	22.0	33.0	
89	55.7	41.1	61.7	
182	2.2	2.0	3.0	

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





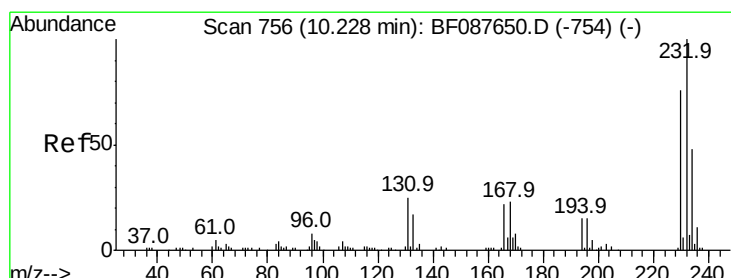
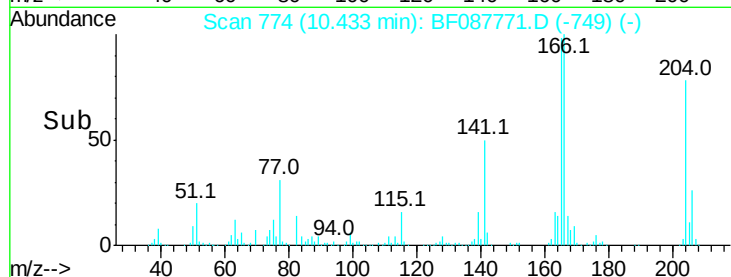
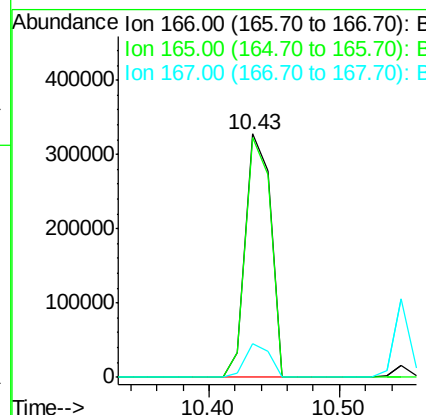
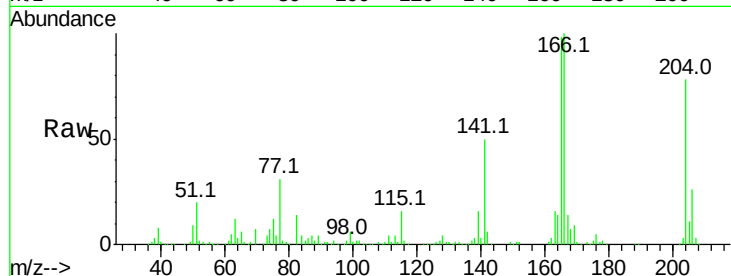
#57
Fluorene
 Concen: 45.00 ng
 RT: 10.43 min Scan# 774
 Delta R.T. -0.01 min
 Lab File: BF087771.D
 Acq: 7 Jun 2016 2:56

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-49-060116MS

Tot Ion	166	Resp	440386
Ion Ratio	Lower	Upper	
166	100		
165	98.5	77.8	116.8
167	14.0	11.2	16.8

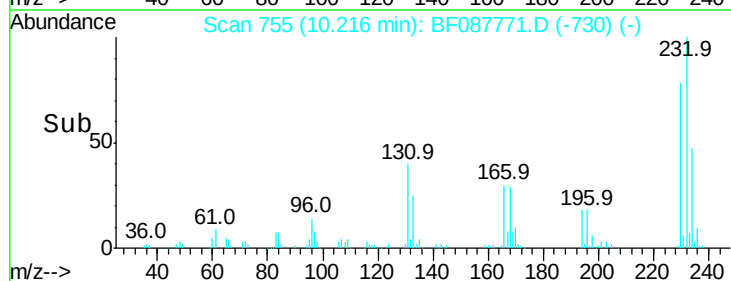
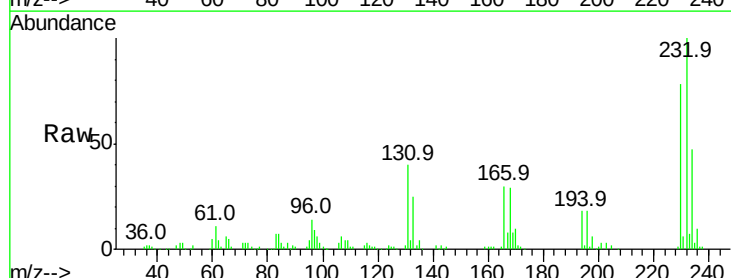
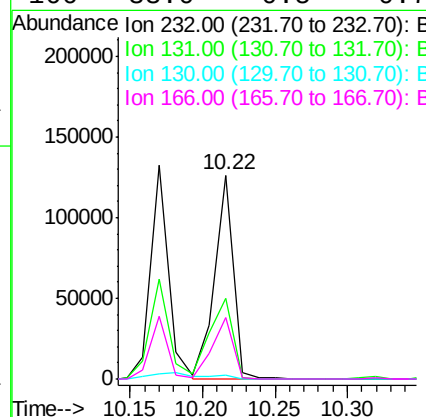
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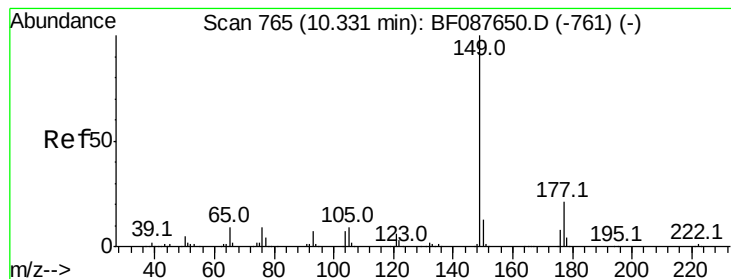
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 48.00 ng
 RT: 10.22 min Scan# 755
 Delta R.T. -0.01 min
 Lab File: BF087771.D
 Acq: 7 Jun 2016 2:56

Tgt Ion	232	Resp	113633
Ion Ratio	Lower	Upper	
232	100		
131	48.6	0.9	1.3#
130	0.0	1.5	2.3#
166	33.0	0.5	0.7#





#59

Diethylphthalate

Concen: 56.20 ng

RT: 10.32 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF087771.D

Acq: 7 Jun 2016 2:56

Instrument :

BNA_F

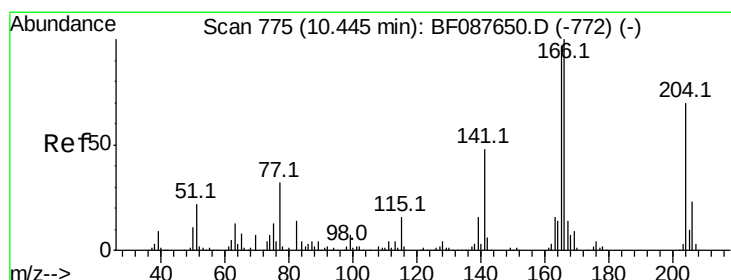
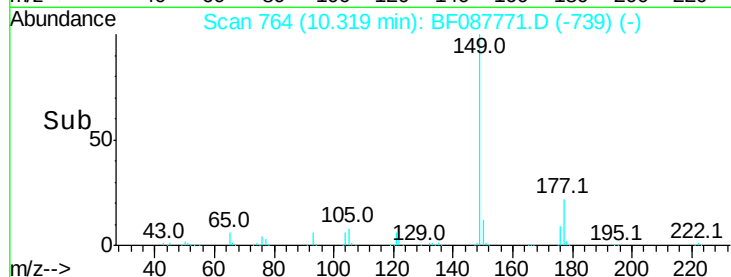
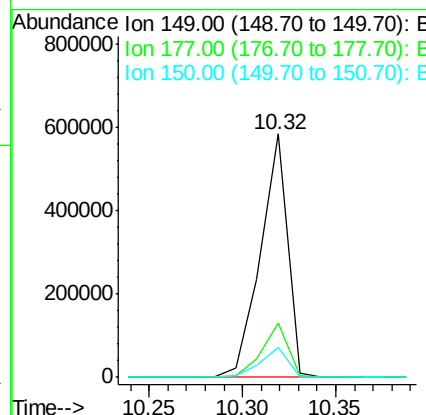
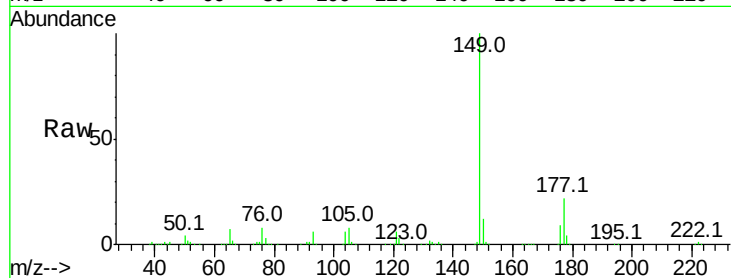
ClientSampleId :

HSR-WC-49-060116MS

Tot Ion:	149	Resp:	582134
Ion Ratio	Lower	Upper	
149	100		
177	22.3	16.9	25.3
150	12.4	10.1	15.1

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#60

4-Chlorophenyl-phenylether

Concen: Below Cal

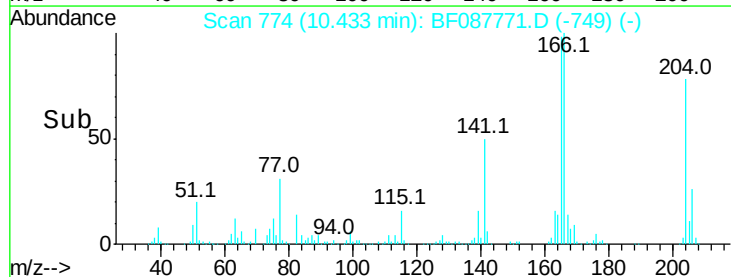
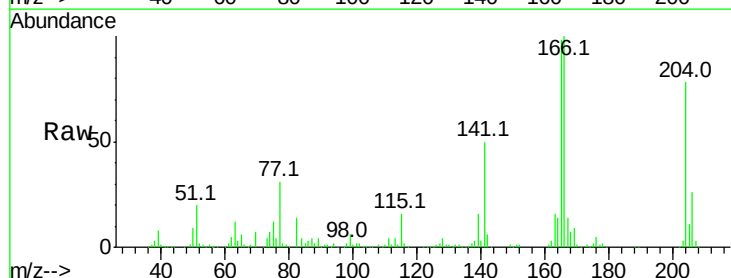
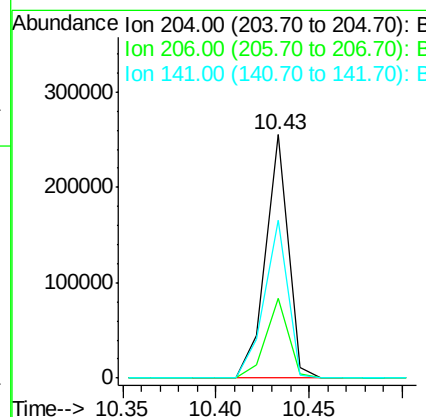
RT: 10.43 min Scan# 774

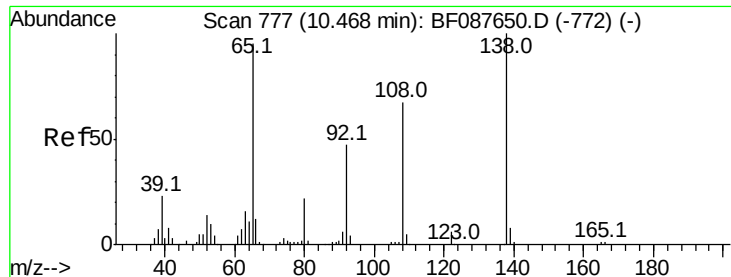
Delta R.T. -0.01 min

Lab File: BF087771.D

Acq: 7 Jun 2016 2:56

Tgt Ion:	204	Resp:	214197
Ion Ratio	Lower	Upper	
204	100		
206	33.0	26.3	39.5
141	64.6	55.0	82.6





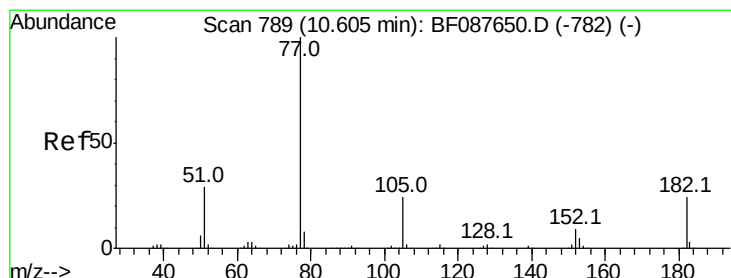
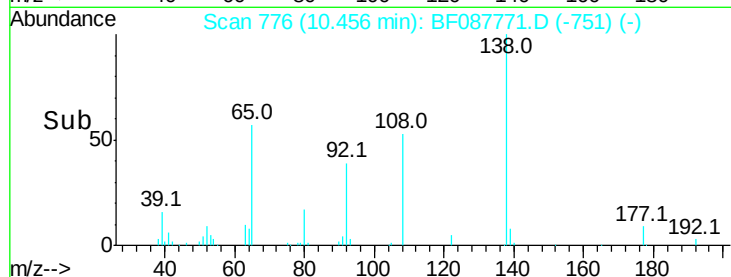
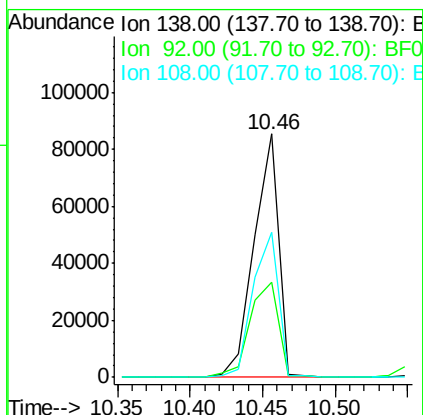
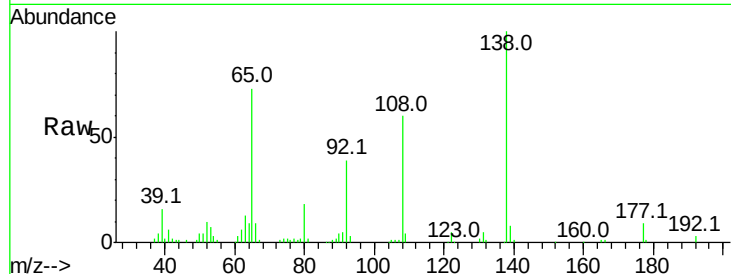
#61
4-Nitroaniline
Concen: 38.92 ng
RT: 10.46 min Scan# 776
Delta R.T. -0.01 min
Lab File: BF087771.D
Acq: 7 Jun 2016 2:56

Instrument :
BNA_F
ClientSampleId :
HSR-WC-49-060116MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	39.2	27.3	67.3
108	59.8	46.7	86.7

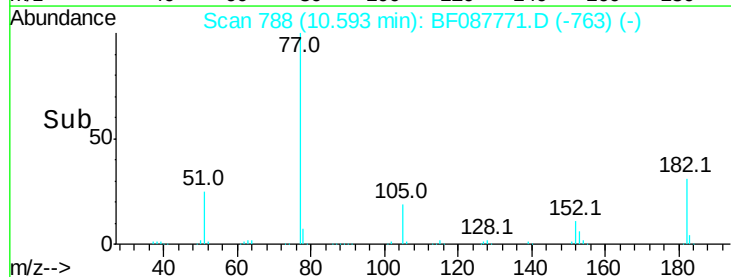
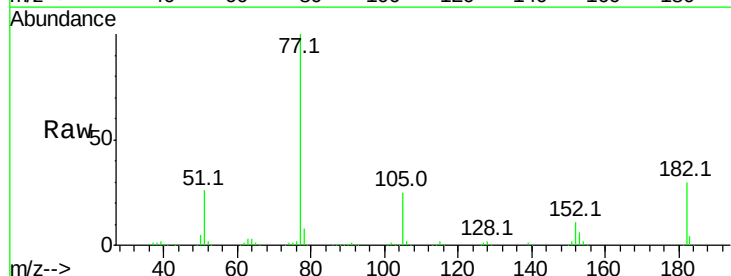
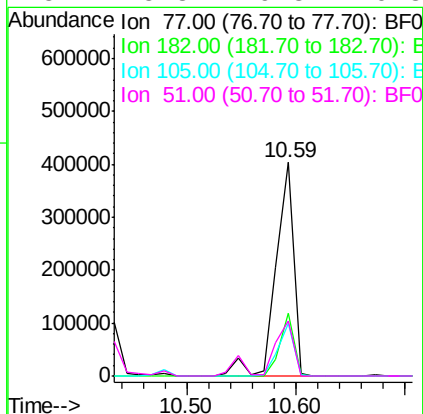
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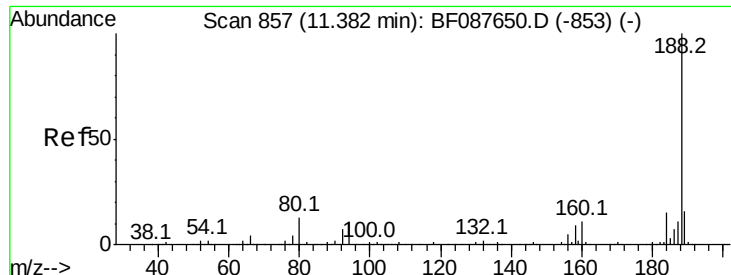
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#62
Azobenzene
Concen: 43.59 ng
RT: 10.59 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF087771.D
Acq: 7 Jun 2016 2:56

Tgt Ion	Ratio	Lower	Upper
77	100		
182	29.7	4.4	44.4
105	24.8	3.8	43.8
51	25.8	9.3	49.3





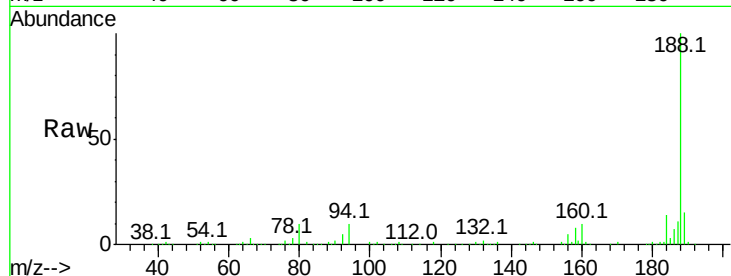
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.37 min Scan# 856
 Delta R.T. -0.01 min
 Lab File: BF087771.D
 Acq: 7 Jun 2016 2:56

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-49-060116MS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	10.0	9.0	13.6
80	10.4	10.0	15.0

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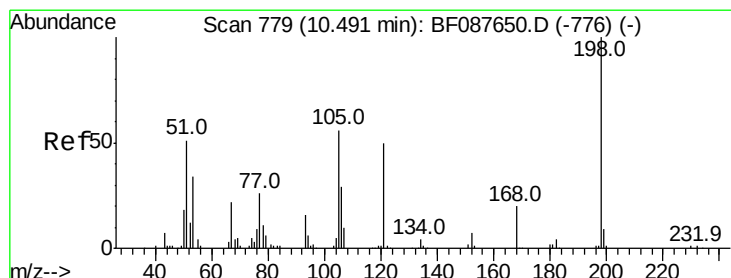
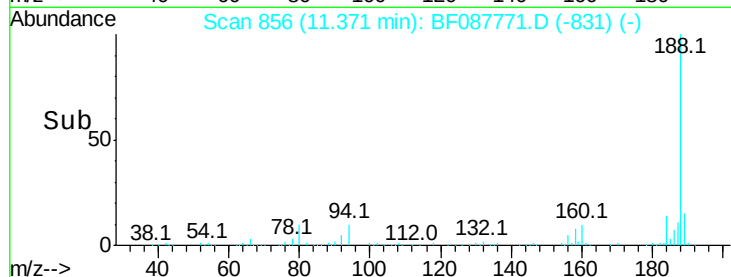
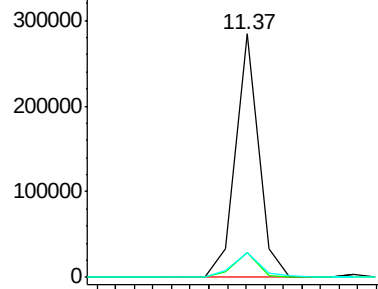
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Abundance Ion 188.00 (187.70 to 188.70): E

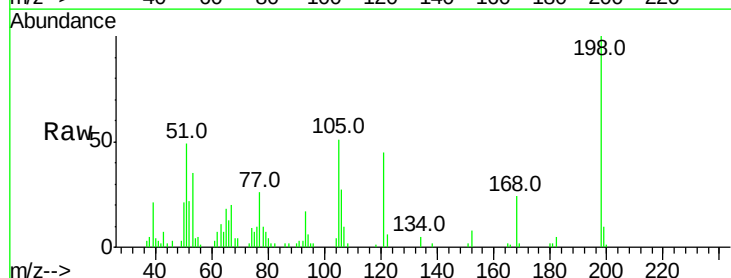
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64
 4,6-Dinitro-2-methylphenol
 Concen: 15.71 ng
 RT: 10.48 min Scan# 778
 Delta R.T. -0.01 min
 Lab File: BF087771.D
 Acq: 7 Jun 2016 2:56

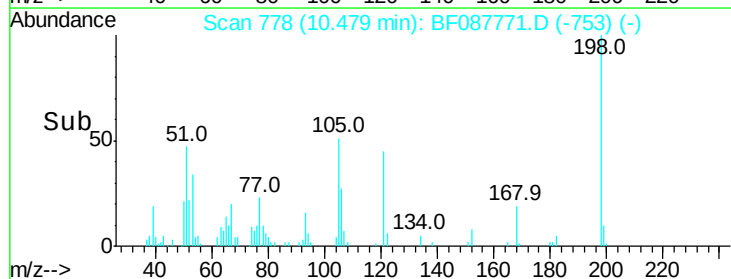
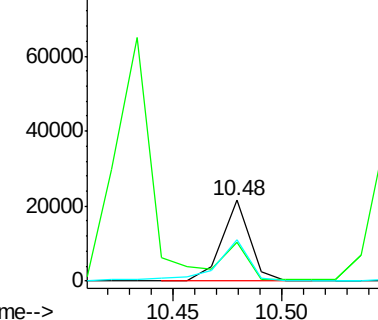
Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	48.8	39.6	79.6
105	51.2	36.6	76.6

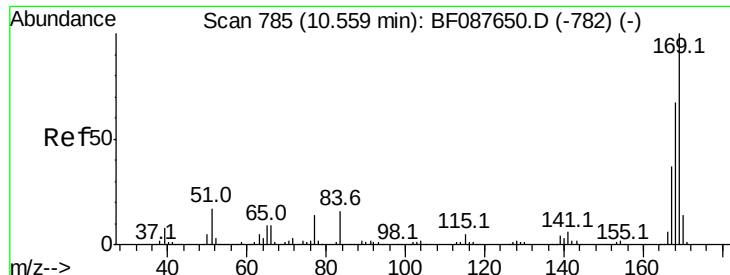


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





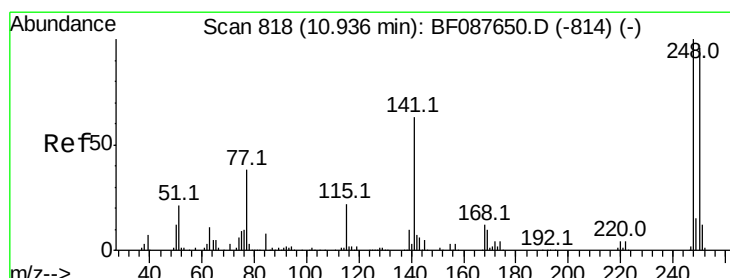
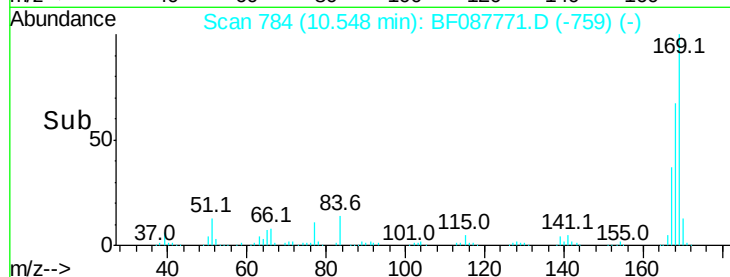
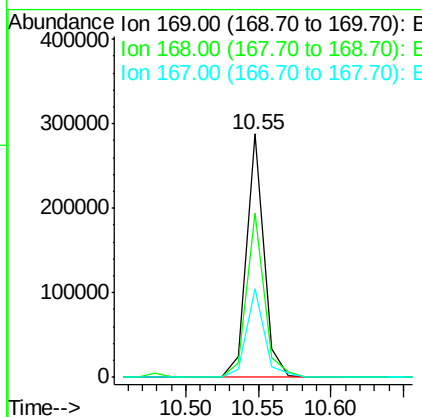
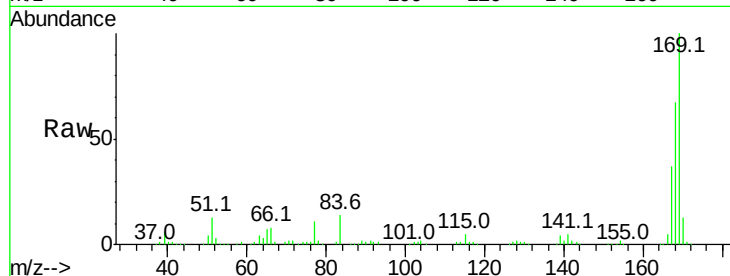
#65
 n-Nitrosodiphenylamine
 Concen: 30.30 ng
 RT: 10.55 min Scan# 784
 Delta R.T. -0.01 min
 Lab File: BF087771.D
 Acq: 7 Jun 2016 2:56

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-49-060116MS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	239546		
168	67.4	53.4	80.0	
167	36.5	29.4	44.0	

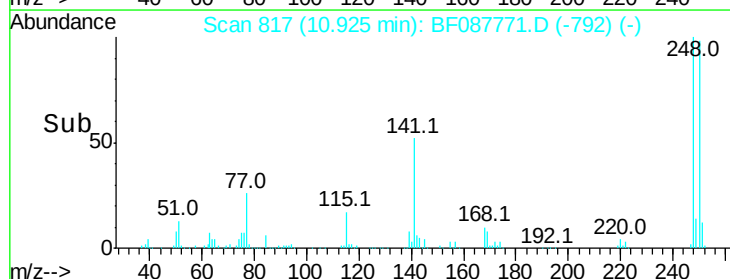
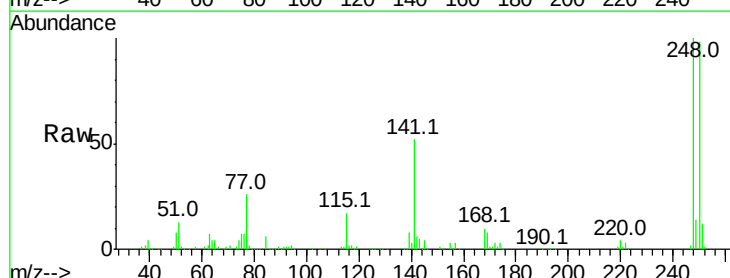
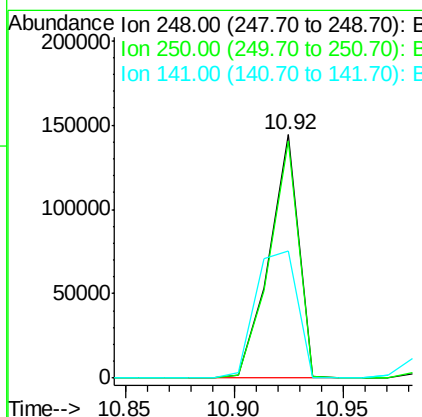
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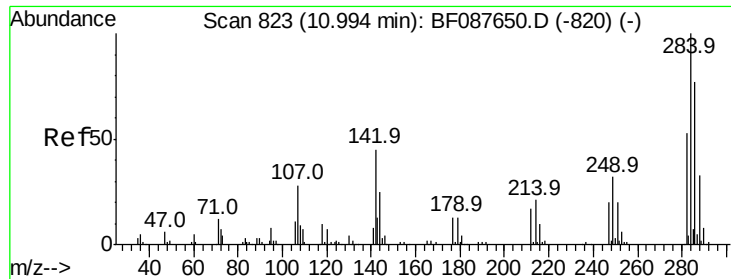
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#66
 4-Bromophenyl-phenylether
 Concen: 57.60 ng
 RT: 10.92 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF087771.D
 Acq: 7 Jun 2016 2:56

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	137848		
250	97.7	77.1	115.7	
141	52.2	50.6	76.0	





#67

Hexachlorobenzene

Concen: 49.51 ng

RT: 10.98 min Scan# 822

Delta R.T. -0.01 min

Lab File: BF087771.D

Acq: 7 Jun 2016 2:56

Instrument :

BNA_F

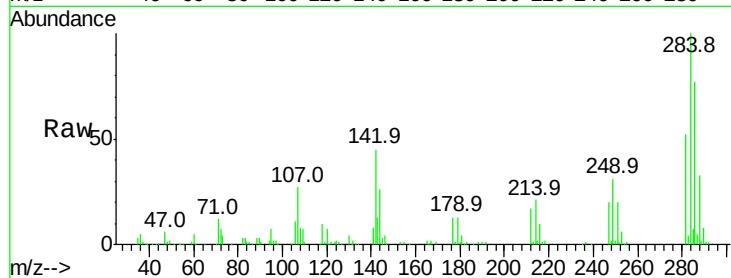
ClientSampleId :

HSR-WC-49-060116MS

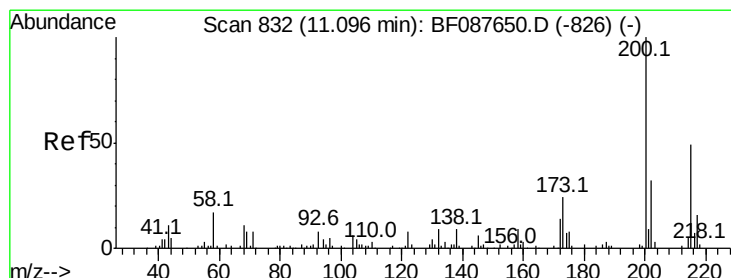
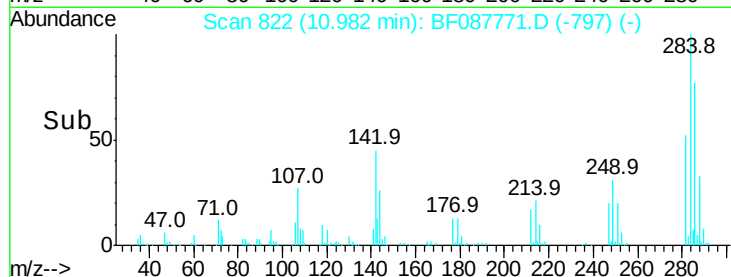
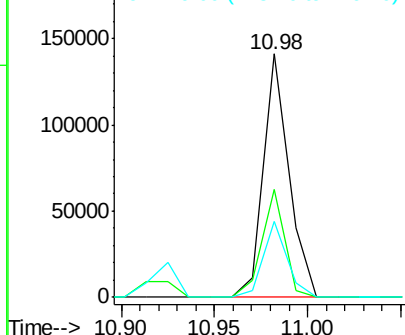
Tot Ion:	284	Resp:	132504
Ion Ratio	Lower	Upper	
284	100		
142	44.5	35.8	53.8
249	31.3	25.8	38.6

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



#68

Atrazine

Concen: 6.38 ng

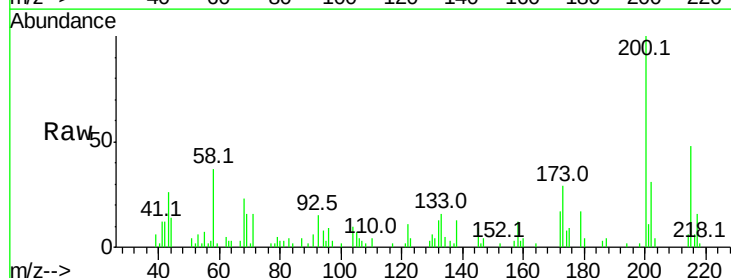
RT: 11.07 min Scan# 830

Delta R.T. -0.02 min

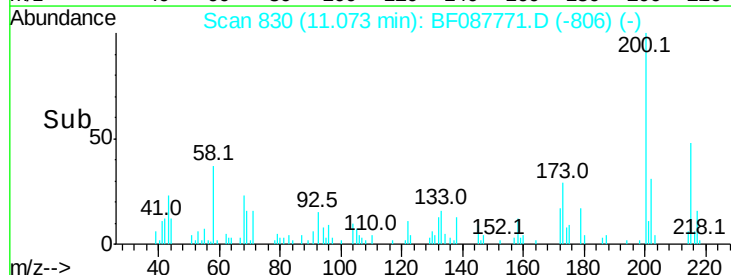
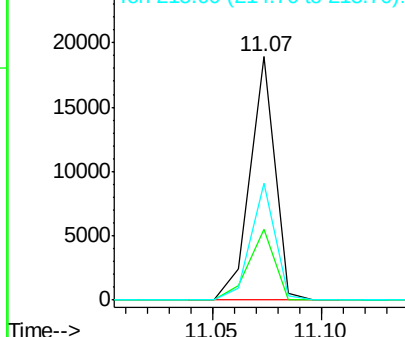
Lab File: BF087771.D

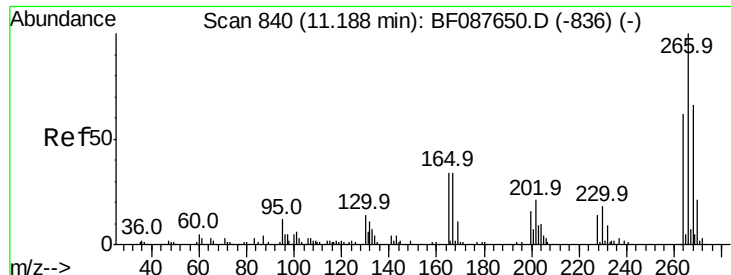
Acq: 7 Jun 2016 2:56

Tgt Ion:	200	Resp:	14948
Ion Ratio	Lower	Upper	
200	100		
173	28.9	4.0	44.0
215	48.1	29.3	69.3



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





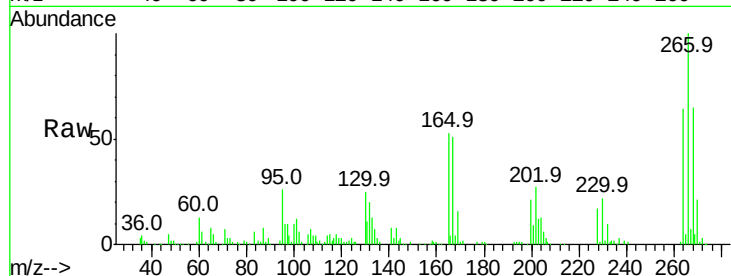
#69
 Pentachlorophenol
 Concen: 82.97 ng
 RT: 11.18 min Scan# 839
 Delta R.T. -0.01 min
 Lab File: BF087771.D
 Acq: 7 Jun 2016 2:56

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-49-060116MS

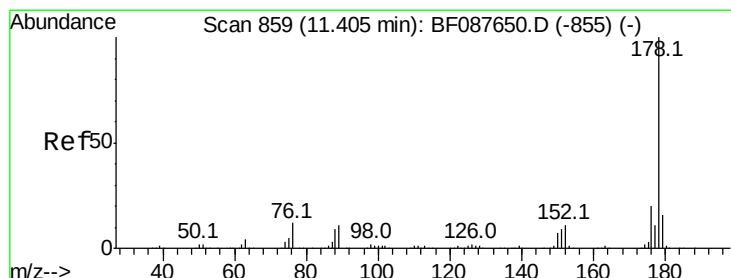
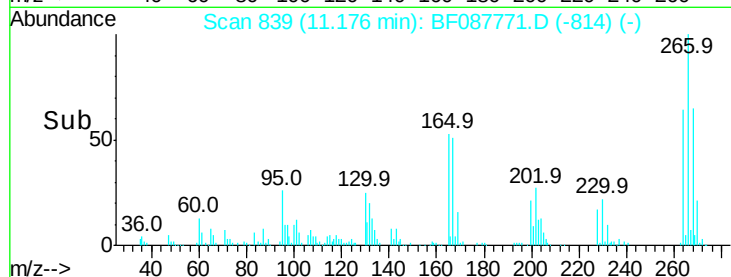
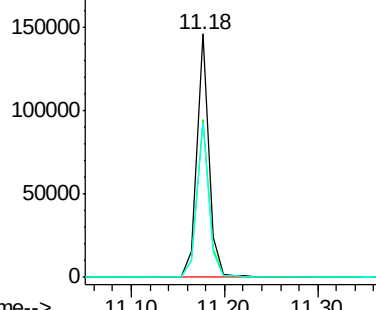
Tot Ion	Ratio	Resp	Lower	Upper
266	100	131951		
268	65.1	52.8	79.2	
264	63.6	49.6	74.4	

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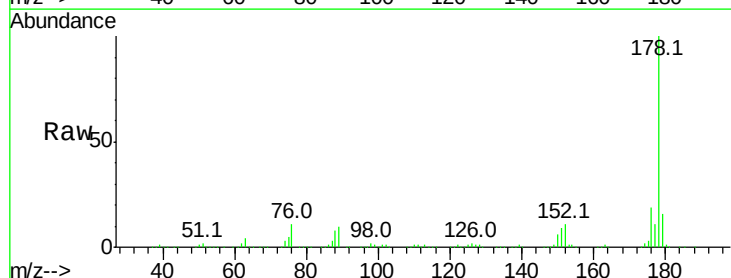


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

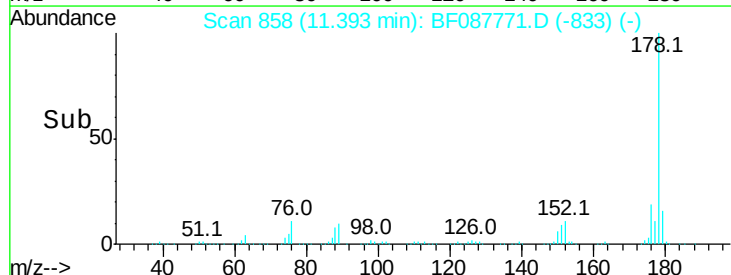
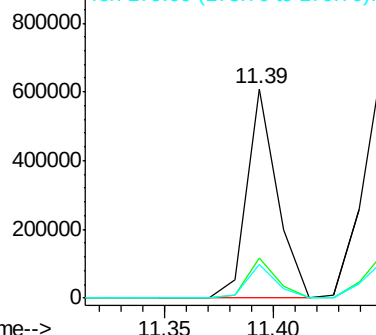


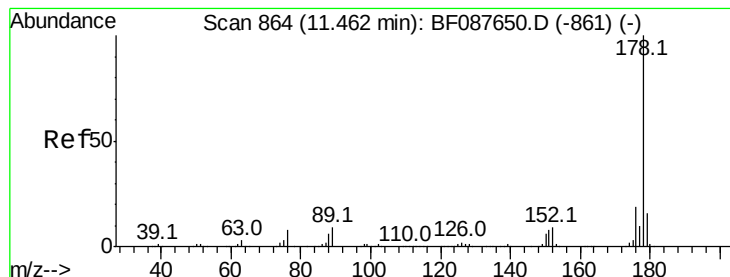
#70
 Phenanthrene
 Concen: 45.27 ng
 RT: 11.39 min Scan# 858
 Delta R.T. -0.01 min
 Lab File: BF087771.D
 Acq: 7 Jun 2016 2:56

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	592430		
176	19.5	15.8	23.6	
179	16.0	13.0	19.4	



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: 51.58 ng

RT: 11.45 min Scan# 863

Delta R.T. -0.01 min

Lab File: BF087771.D

Acq: 7 Jun 2016 2:56

Instrument :

BNA_F

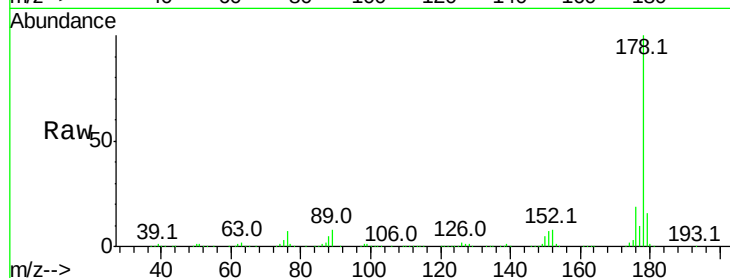
ClientSampleId :

HSR-WC-49-060116MS

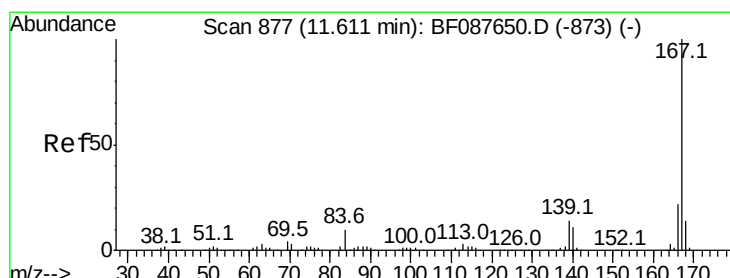
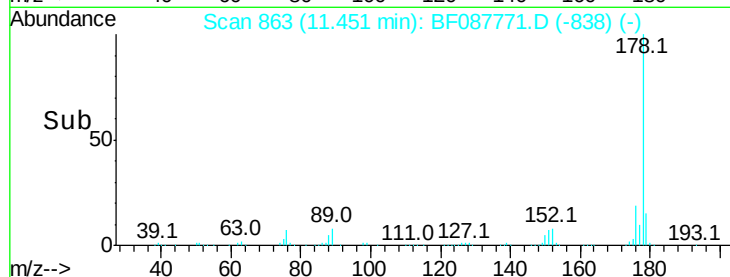
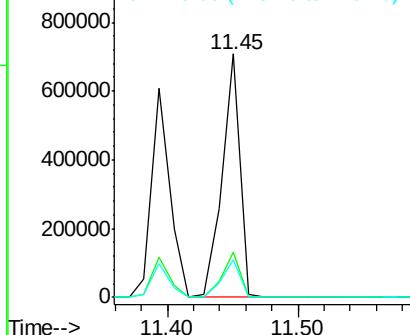
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Tot Ion:	178	Resp:	676440
Ion Ratio	Lower	Upper	
178	100		
176	18.8	15.6	23.4
179	15.5	12.8	19.2



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: 34.40 ng

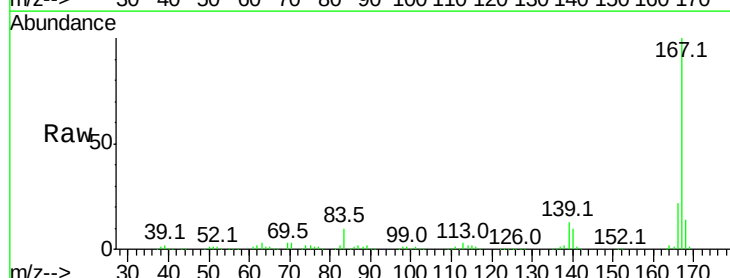
RT: 11.60 min Scan# 876

Delta R.T. -0.01 min

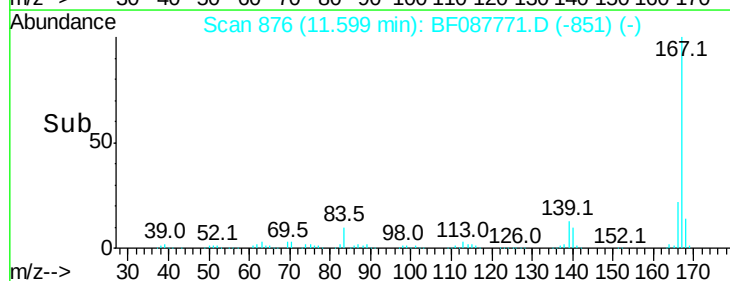
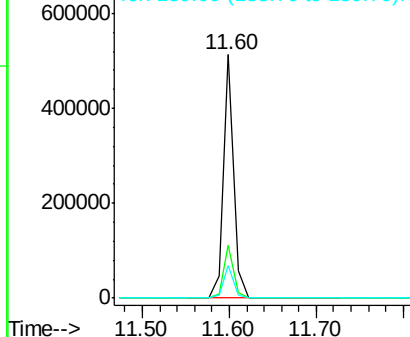
Lab File: BF087771.D

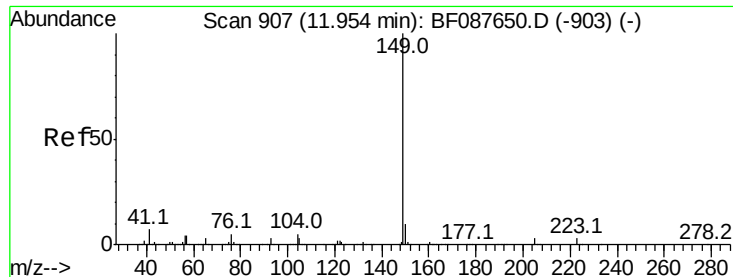
Acq: 7 Jun 2016 2:56

Tgt Ion:	167	Resp:	427017
Ion Ratio	Lower	Upper	
167	100		
166	21.6	17.8	26.6
139	13.4	11.2	16.8



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 60.88 ng

RT: 11.94 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF087771.D

Acq: 7 Jun 2016 2:56

Instrument :

BNA_F

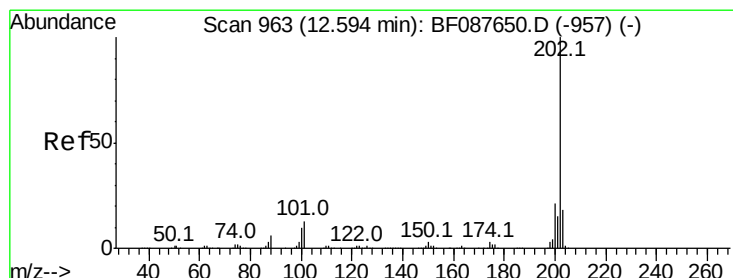
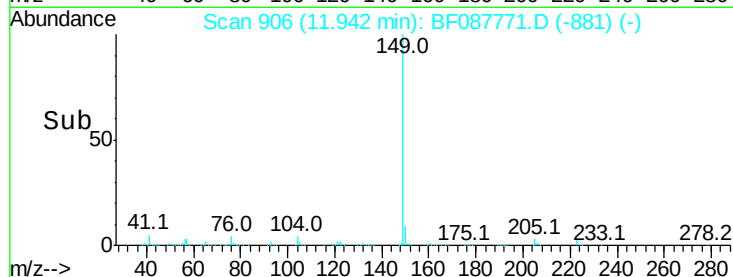
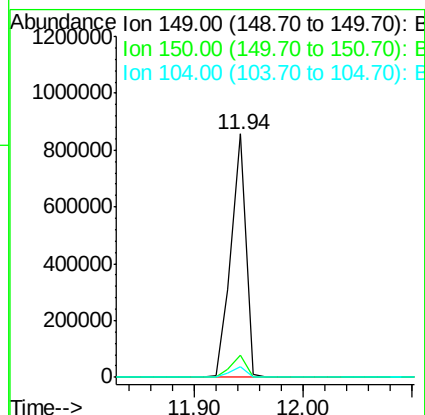
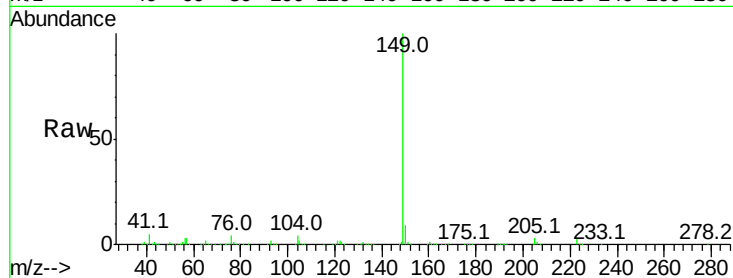
ClientSampleId :

HSR-WC-49-060116MS

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Tot Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.3	7.8	11.6	
104	4.3	4.0	6.0	



#74

Fluoranthene

Concen: 50.40 ng

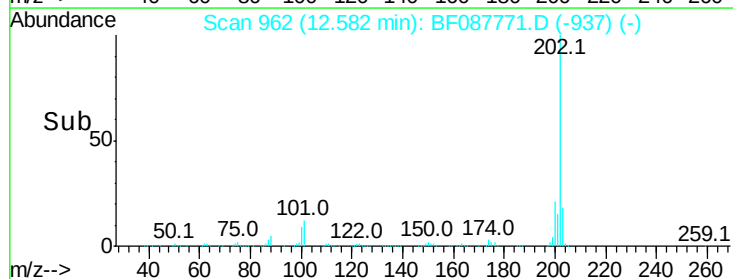
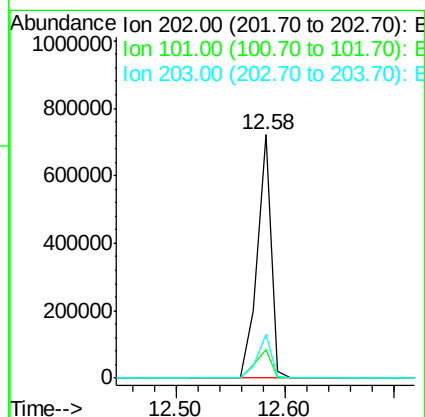
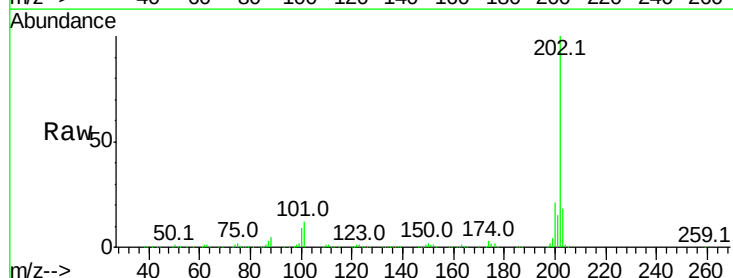
RT: 12.58 min Scan# 962

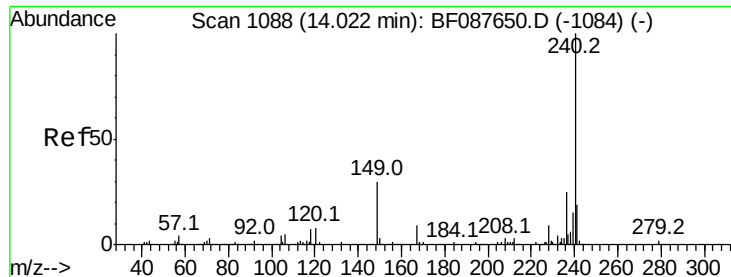
Delta R.T. -0.01 min

Lab File: BF087771.D

Acq: 7 Jun 2016 2:56

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	11.6	0.0	33.1	
203	17.9	0.0	38.1	





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.00 min Scan# 1086

Delta R.T. -0.02 min

Lab File: BF087771.D

Acq: 7 Jun 2016 2:56

Instrument :

BNA_F

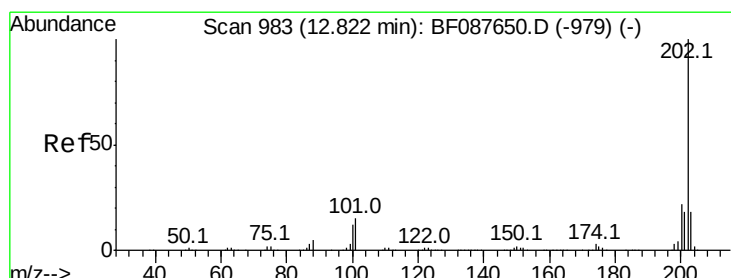
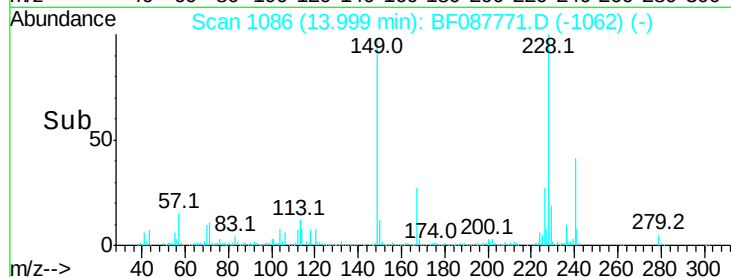
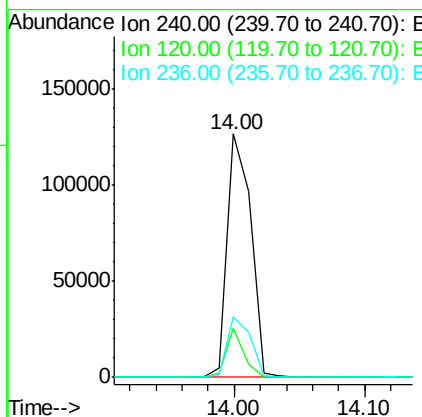
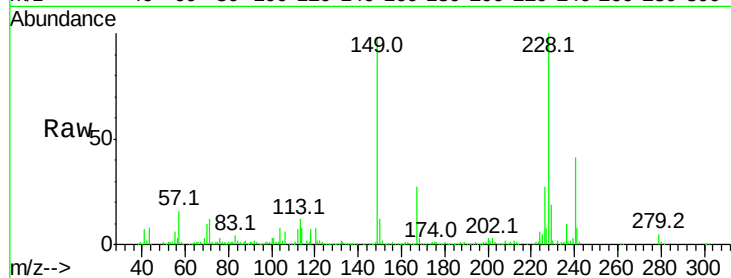
ClientSampleId :

HSR-WC-49-060116MS

Tot Ion:	240	Resp:	159130
Ion Ratio	Lower	Upper	
240	100		
120	20.3	6.8	10.2#
236	24.8	20.2	30.2

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#77

Pyrene

Concen: 58.52 ng

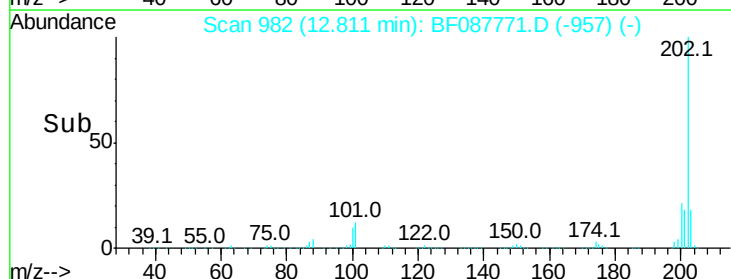
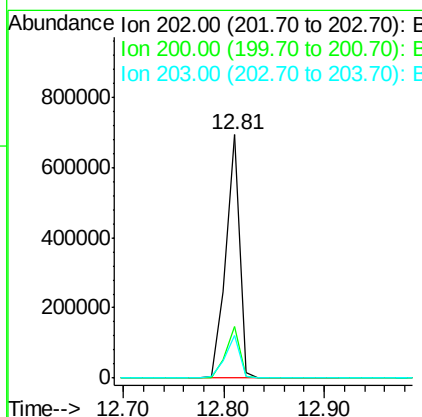
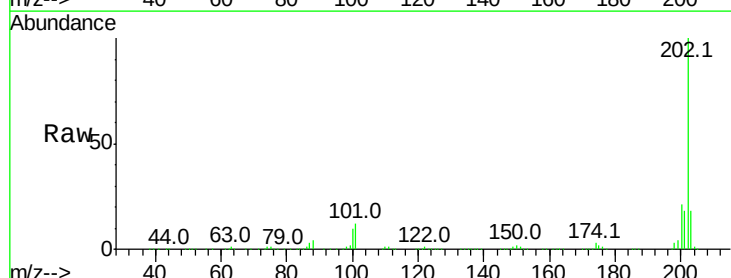
RT: 12.81 min Scan# 982

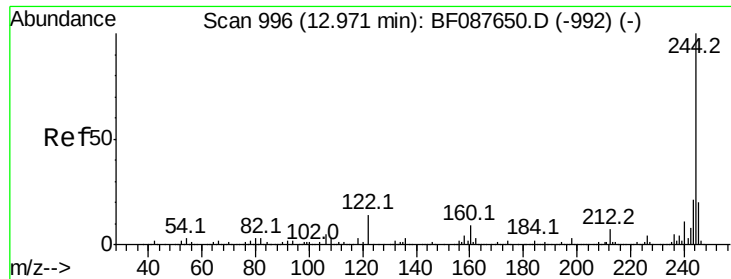
Delta R.T. -0.01 min

Lab File: BF087771.D

Acq: 7 Jun 2016 2:56

Tgt Ion:	202	Resp:	663127
Ion Ratio	Lower	Upper	
202	100		
200	21.4	17.4	26.2
203	17.8	14.5	21.7





#78

Terphenyl-d14

Concen: 118.91 ng

RT: 12.96 min Scan# 995

Delta R.T. -0.01 min

Lab File: BF087771.D

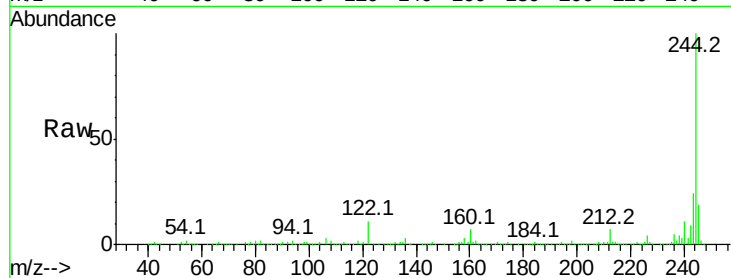
Acq: 7 Jun 2016 2:56

Instrument :

BNA_F

ClientSampleId :

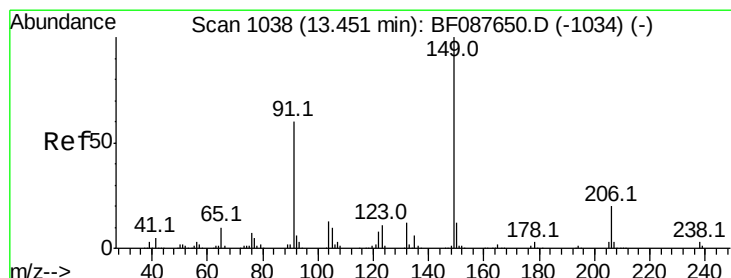
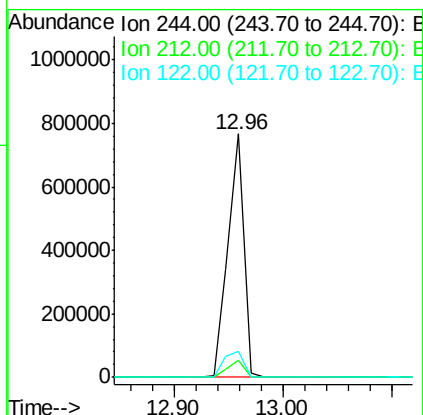
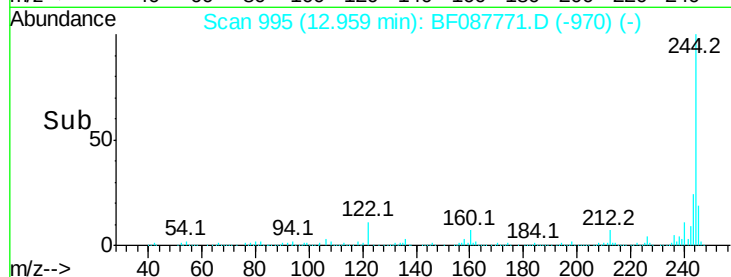
HSR-WC-49-060116MS



Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	10.5	11.2	16.8

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#79

Butylbenzylphthalate

Concen: 62.56 ng

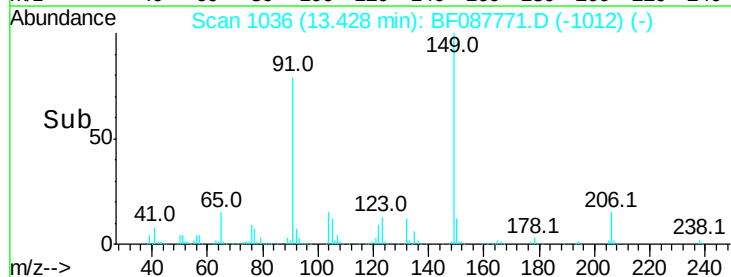
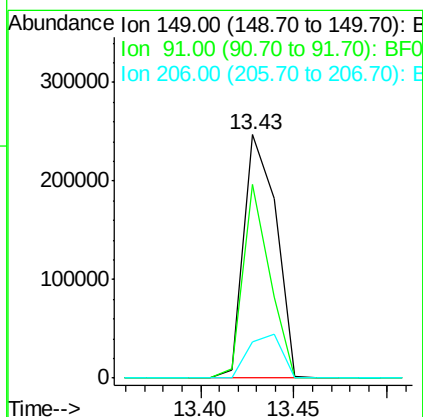
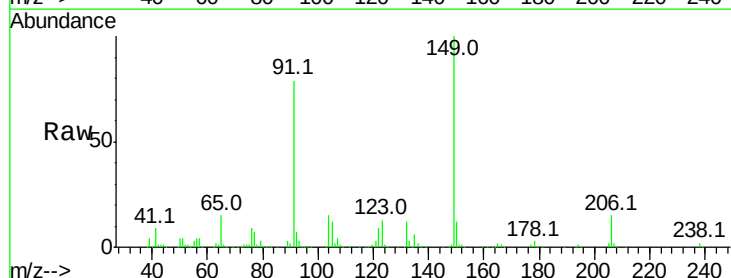
RT: 13.43 min Scan# 1036

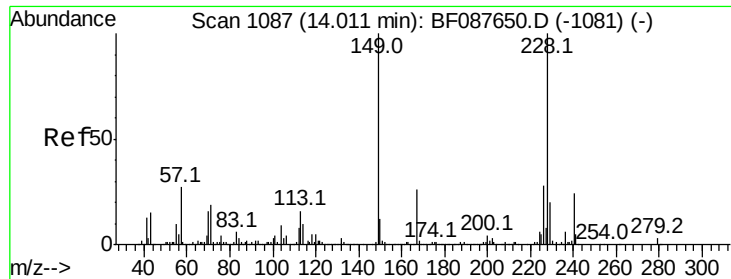
Delta R.T. -0.02 min

Lab File: BF087771.D

Acq: 7 Jun 2016 2:56

Tgt Ion	Ratio	Lower	Upper
149	100		
91	79.4	48.0	72.0
206	15.1	16.0	24.0





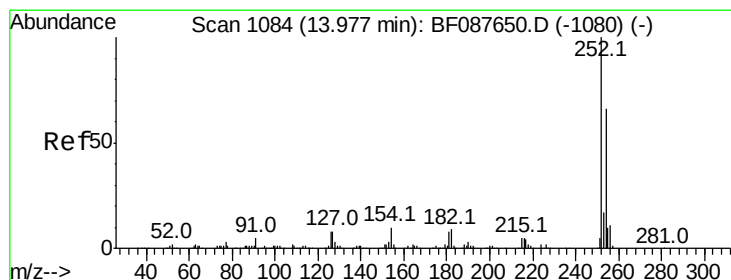
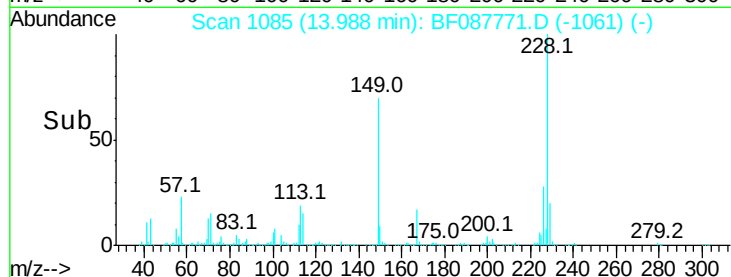
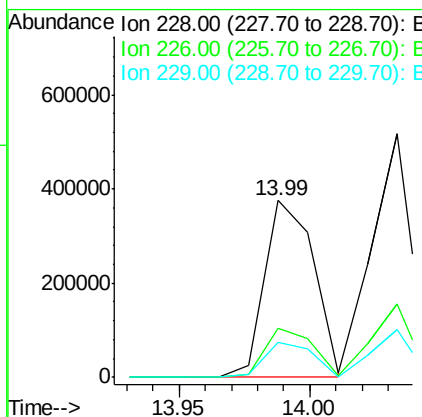
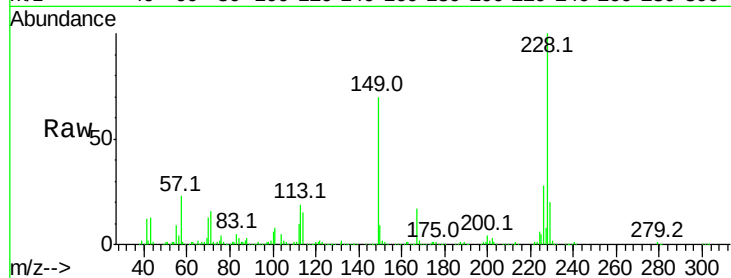
#80
Benzo(a)anthracene
Concen: 53.65 ng
RT: 13.99 min Scan# 1085
Delta R.T. -0.02 min
Lab File: BF087771.D
Acq: 7 Jun 2016 2:56

Instrument :
BNA_F
ClientSampleId :
HSR-WC-49-060116MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.3	33.5
229	20.1	16.0	24.0

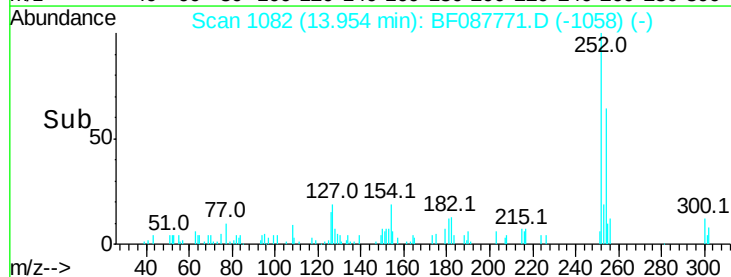
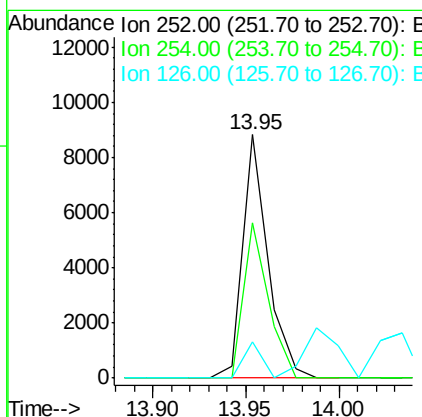
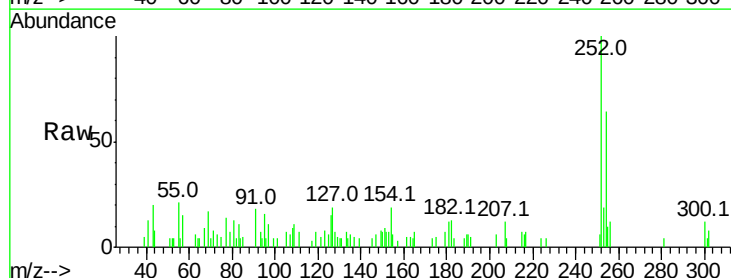
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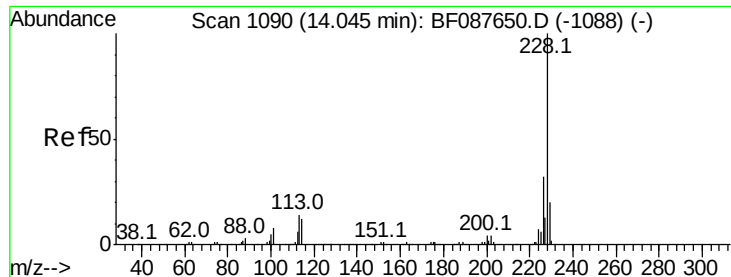
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#81
3,3'-Dichlorobenzidine
Concen: 3.20 ng
RT: 13.95 min Scan# 1082
Delta R.T. -0.02 min
Lab File: BF087771.D
Acq: 7 Jun 2016 2:56

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.7	52.6	78.8
126	15.1	6.2	9.2#





#82

Chrysene

Concen: 58.71 ng

RT: 14.03 min Scan# 1089

Delta R.T. -0.01 min

Lab File: BF087771.D

Acq: 7 Jun 2016 2:56

Instrument :

BNA_F

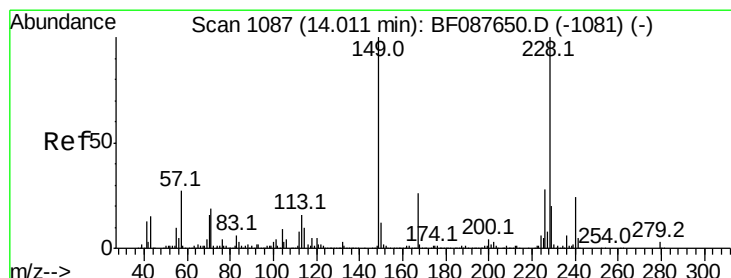
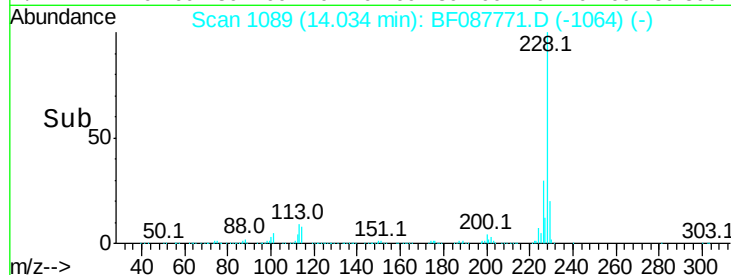
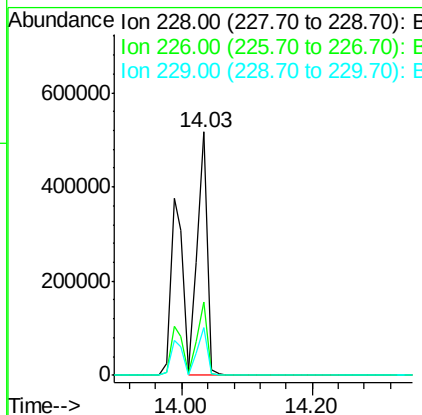
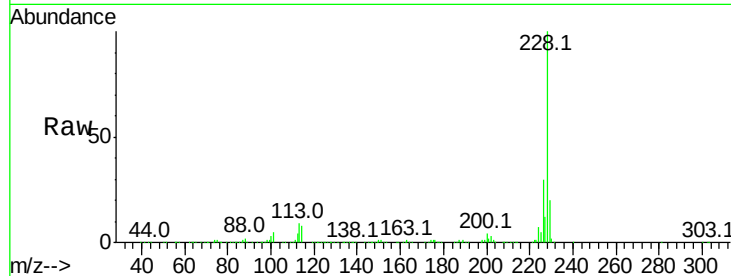
ClientSampleId :

HSR-WC-49-060116MS

Tot Ion:	228	Resp:	536654
Ion Ratio	Lower	Upper	
228	100		
226	30.0	25.4	38.2
229	19.7	16.3	24.5

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#83

Bis(2-ethylhexyl)phthalate

Concen: 68.99 ng

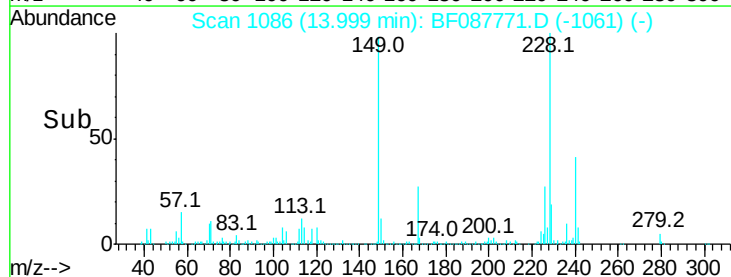
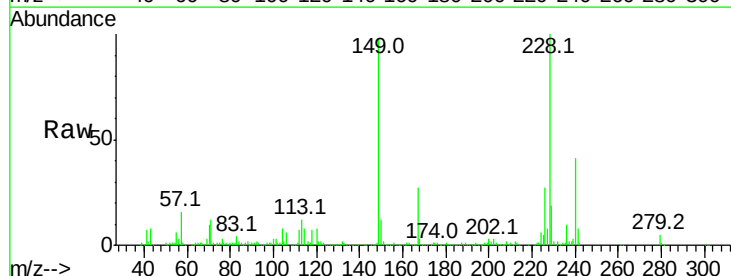
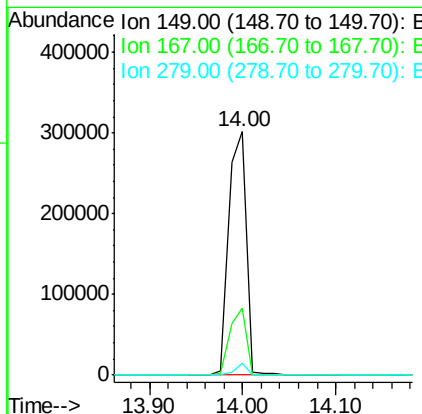
RT: 14.00 min Scan# 1086

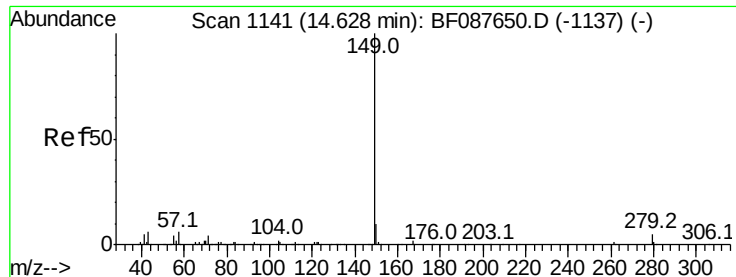
Delta R.T. -0.01 min

Lab File: BF087771.D

Acq: 7 Jun 2016 2:56

Tgt Ion:	149	Resp:	395908
Ion Ratio	Lower	Upper	
149	100		
167	27.8	20.5	30.7
279	4.8	2.0	3.0#





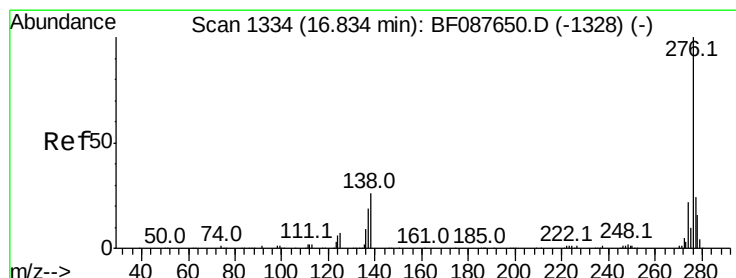
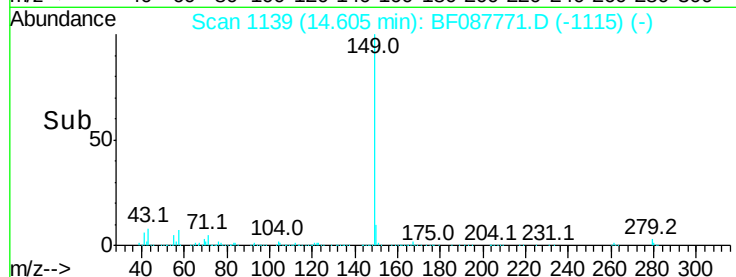
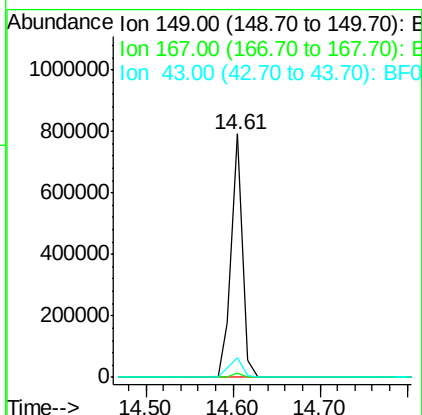
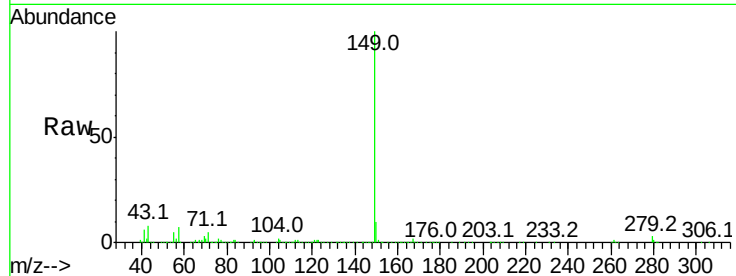
#84
Di-n-octyl phthalate
Concen: 66.29 ng
RT: 14.61 min Scan# 1139
Delta R.T. -0.02 min
Lab File: BF087771.D
Acq: 7 Jun 2016 2:56

Instrument :
BNA_F
ClientSampleId :
HSR-WC-49-060116MS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	2.0	0.0	0.0#
43	9.1	0.0	0.0#

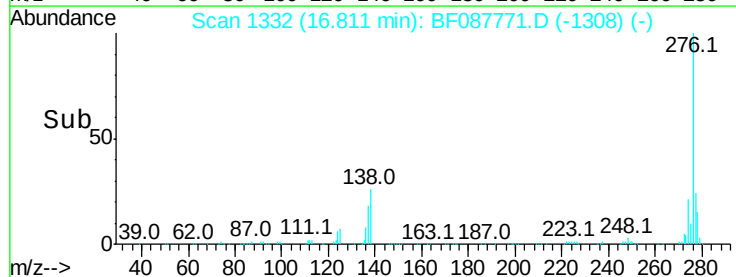
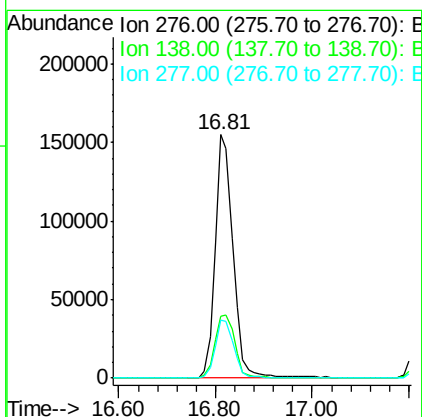
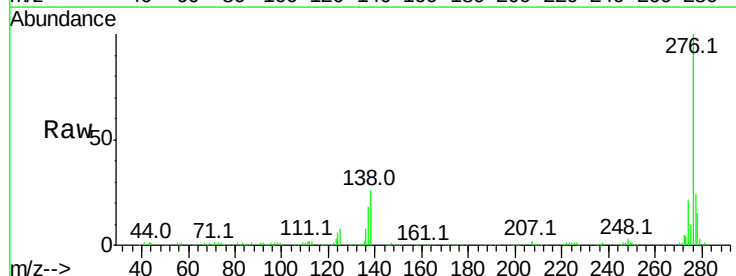
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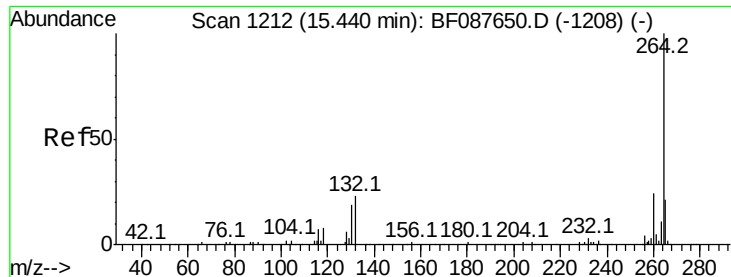
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#85
Indeno(1,2,3-cd)pyrene
Concen: 53.54 ng
RT: 16.81 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BF087771.D
Acq: 7 Jun 2016 2:56

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	29.8	0.0	0.0#
277	25.1	0.0	0.0#





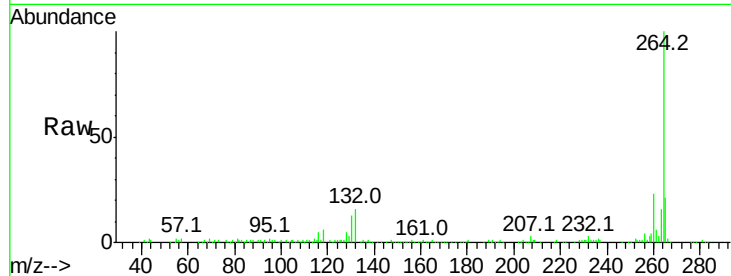
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF087771.D
Acq: 7 Jun 2016 2:56

Instrument :
BNA_F
ClientSampleId :
HSR-WC-49-060116MS

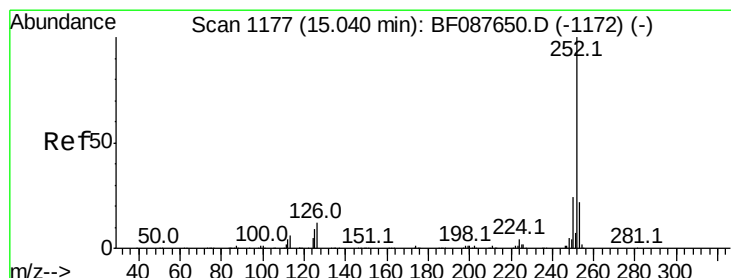
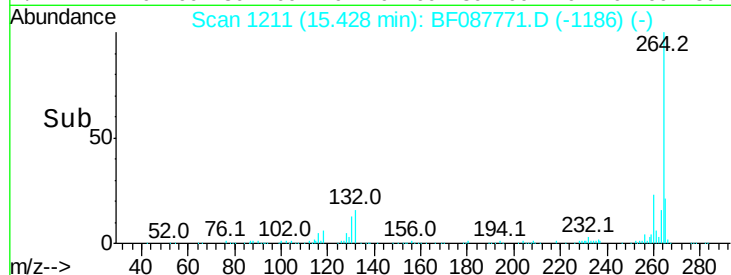
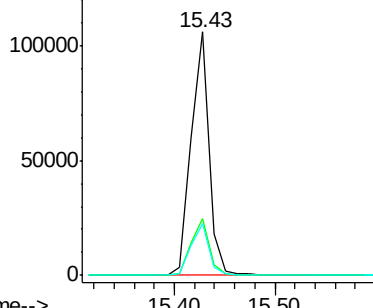
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.1	16.9	25.3

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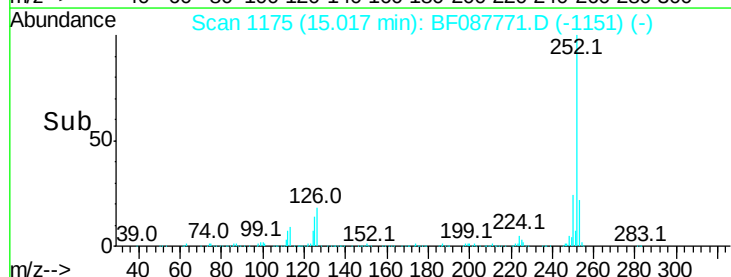
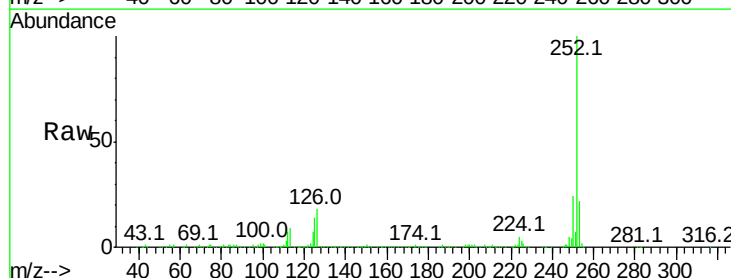
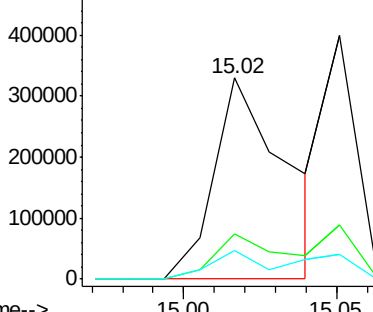
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

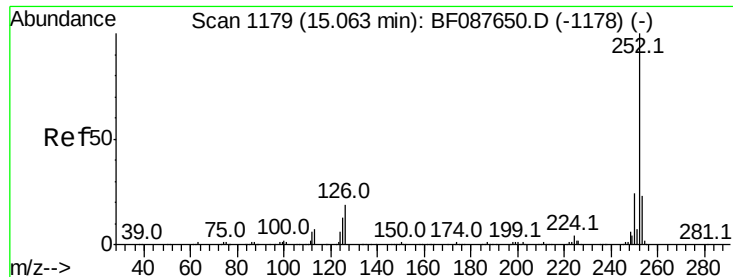


#87
Benzo(b)fluoranthene
Concen: 62.50 ng m
RT: 15.02 min Scan# 1175
Delta R.T. -0.02 min
Lab File: BF087771.D
Acq: 7 Jun 2016 2:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.2
125	14.2	7.1	10.7#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





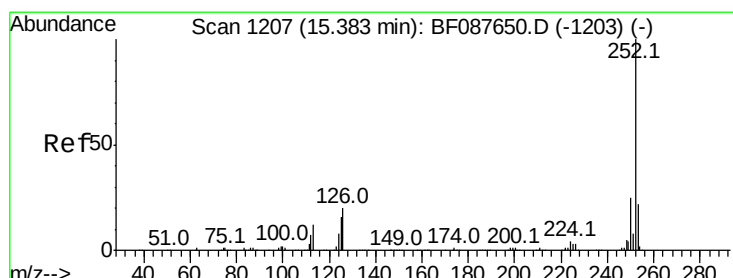
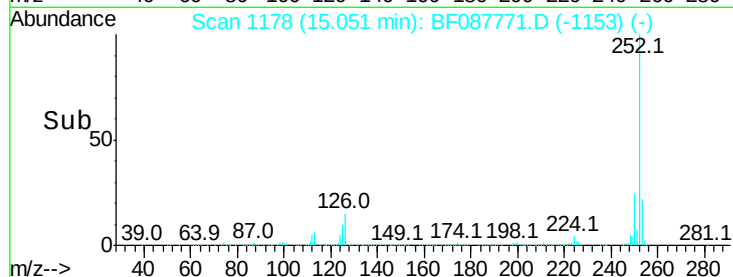
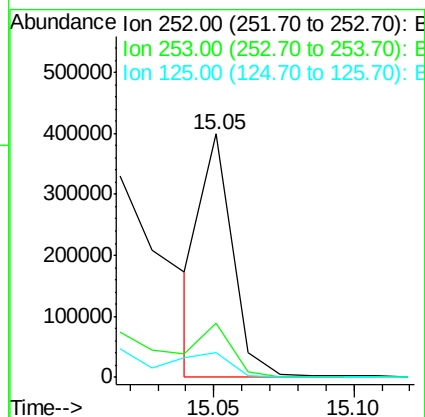
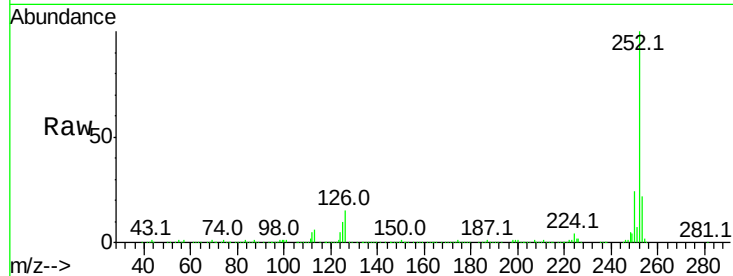
#88
Benzo(k)fluoranthene
Concen: 43.51 ng m
RT: 15.05 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BF087771.D
Acq: 7 Jun 2016 2:56

Instrument :
BNA_F
ClientSampleId :
HSR-WC-49-060116MS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	309638		
253	22.4	18.0	27.0	
125	10.4	11.2	16.8	

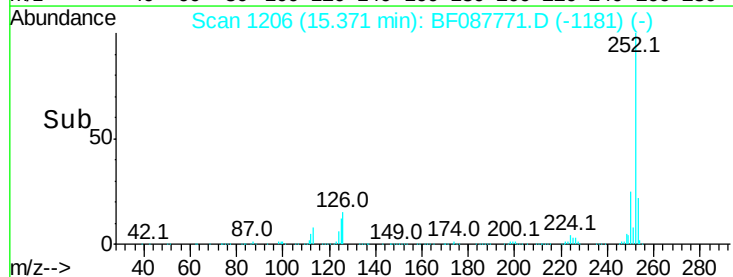
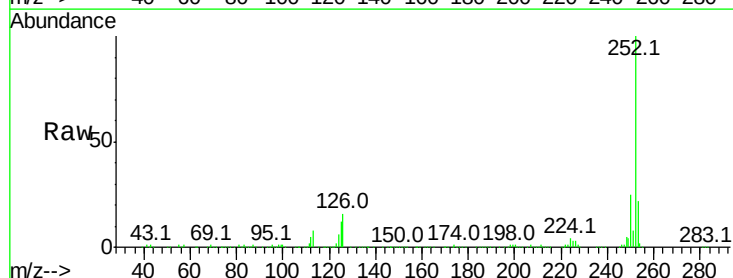
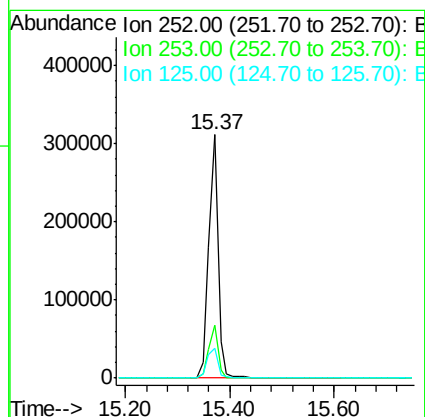
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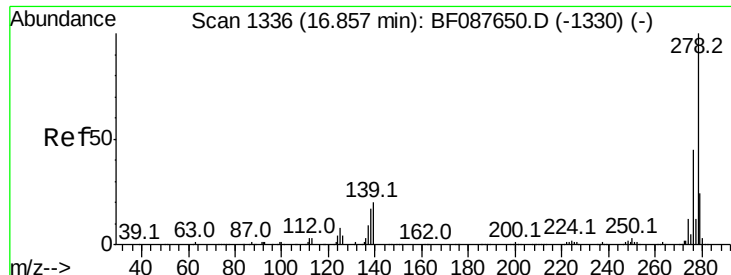
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#89
Benzo(a)pyrene
Concen: 53.46 ng
RT: 15.37 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BF087771.D
Acq: 7 Jun 2016 2:56

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	384354		
253	22.0	17.9	26.9	
125	12.1	12.5	18.7	





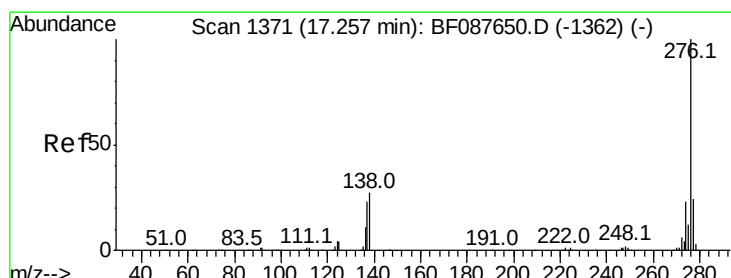
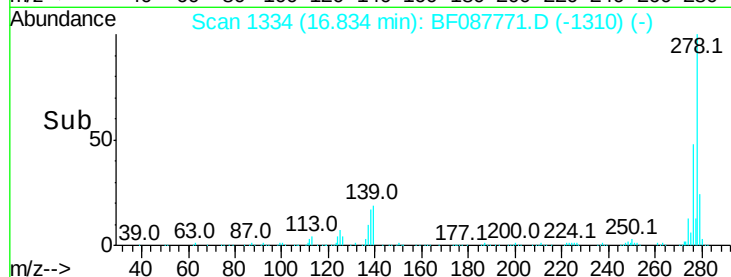
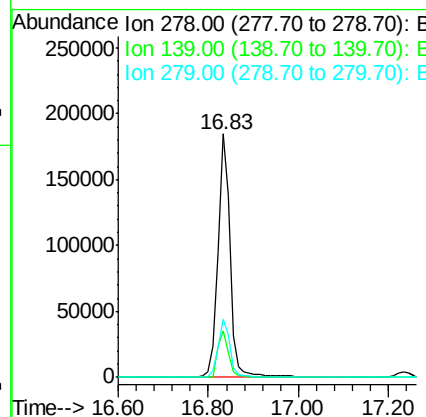
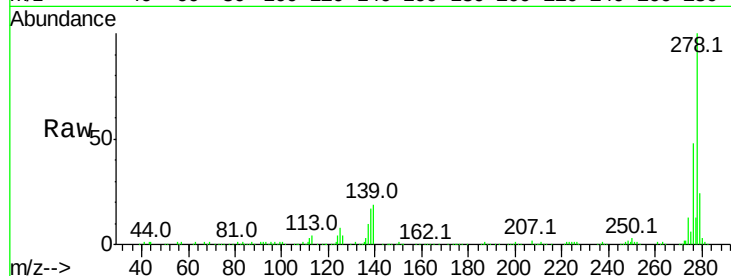
#90
Dibenzo(a,h)anthracene
Concen: 57.21 ng
RT: 16.83 min Scan# 1334
Delta R.T. -0.02 min
Lab File: BF087771.D
Acq: 7 Jun 2016 2:56

Instrument :
BNA_F
ClientSampleId :
HSR-WC-49-060116MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	19.2	15.7	23.5
279	23.7	19.4	29.2

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#91
Benzo(g,h,i)perylene
Concen: 52.95 ng
RT: 17.23 min Scan# 1369
Delta R.T. -0.02 min
Lab File: BF087771.D
Acq: 7 Jun 2016 2:56

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.9	28.3
138	25.0	21.4	32.2

