

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051616\
 Data File : BF087090.D
 Acq On : 16 May 2016 19:24
 Operator : UM/SJ
 Sample : H3074-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-44-051216MSD

Manual Integrations
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Quant Time: May 17 13:28:40 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 17 01:12:04 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	130429	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	514454	20.00	ng	0.00
38) Acenaphthene-d10	9.64	164	202493	20.00	ng	0.00
63) Phenanthrene-d10	11.12	188	314849	20.00	ng	0.00
75) Chrysene-d12	13.75	240	231951	20.00	ng	-0.01
86) Perylene-d12	15.11	264	195292	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.22	112	1028982	133.61	ng	0.02
7) Phenol-d6	6.28	99	1244108	120.87	ng	0.00
23) Nitrobenzene-d5	7.19	82	955698	93.28	ng	0.00
41) 2,4,6-Tribromophenol	10.43	330	255635	119.25	ng	-0.01
44) 2-Fluorobiphenyl	8.98	172	1476885	122.58	ng	0.00
78) Terphenyl-d14	12.71	244	1061527	97.10	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.24	88	142847	37.78	ng	# 66
3) Pyridine	2.88	79	183607	19.86	ng	# 64
4) n-Nitrosodimethylamine	2.79	42	310371	46.30	ng	# 50
6) Aniline	6.28	93	74255	5.96	ng	# 1
8) 2-Chlorophenol	6.40	128	399071	42.94	ng	# 76
9) Benzaldehyde	6.16	77	34496	5.79	ng	99
10) Phenol	6.30	94	446128	36.47	ng	# 62
11) bis(2-Chloroethyl)ether	6.35	93	411266	43.11	ng	# 83
12) 1,3-Dichlorobenzene	6.55	146	428234	42.58	ng	97
13) 1,4-Dichlorobenzene	6.63	146	432403	42.16	ng	98
14) 1,2-Dichlorobenzene	6.78	146	373108	41.74	ng	96
15) Benzyl Alcohol	6.78	79	253038	35.60	ng	90
16) 2,2'-oxybis(1-Chloropropan	6.90	45	877245	42.29	ng	75
17) 2-Methylphenol	6.90	107	330775m	44.73	ng	
18) Hexachloroethane	7.12	117	132224	34.27	ng	# 83
19) n-Nitroso-di-n-propylamine	7.04	70	330453m	45.94	ng	
20) 3+4-Methylphenols	7.06	107	446387	46.22	ng	# 60
22) Acetophenone	7.03	105	593948	48.88	ng	# 94
24) Nitrobenzene	7.20	77	452808	42.96	ng	92
25) Isophorone	7.45	82	872452	45.90	ng	96
26) 2-Nitrophenol	7.52	139	178676	38.57	ng	# 71
27) 2,4-Dimethylphenol	7.59	122	344599	43.67	ng	94
28) bis(2-Chloroethoxy)methane	7.67	93	465861	45.43	ng	99
29) 2,4-Dichlorophenol	7.78	162	303810	43.74	ng	94
30) 1,2,4-Trichlorobenzene	7.84	180	327590	42.18	ng	95
31) Naphthalene	7.92	128	1143980	44.40	ng	99
32) Benzoic acid	7.75	122	205409	44.32	ng	83
33) 4-Chloroaniline	8.00	127	58923	5.89	ng	# 87
34) Hexachlorobutadiene	8.03	225	186398	41.36	ng	98
35) Caprolactam	8.36	113	83075	35.15	ng	# 46
36) 4-Chloro-3-methylphenol	8.49	107	317276	37.66	ng	87
37) 2-Methylnaphthalene	8.60	142	671696	44.59	ng	# 96
39) 1,2,4,5-Tetrachlorobenzene	8.78	216	292788	49.73	ng	98
40) Hexachlorocyclopentadiene	8.75	237	34843	12.47	ng	100

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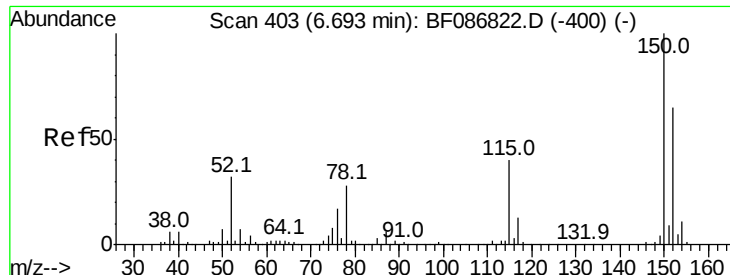
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Quant Time: May 17 13:28:40 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.90	196	192513	48.90	nq	95
43) 2,4,5-Trichlorophenol	8.96	196	178845	43.93	nq	96
45) 1,1'-Biphenyl	9.07	154	788732	48.97	nq	96
46) 2-Chloronaphthalene	9.10	162	580995	46.04	nq	93
47) 2-Nitroaniline	9.21	65	254056	55.09	nq	# 81
48) Acenaphthylene	9.51	152	887418	47.81	nq	99
49) Dimethylphthalate	9.38	163	751895	48.67	nq	100
50) 2,6-Dinitrotoluene	9.45	165	145071	44.62	nq	# 88
51) Acenaphthene	9.68	154	575644	49.86	nq	99
52) 3-Nitroaniline	9.62	138	42255	12.35	nq	98
53) 2,4-Dinitrophenol	9.74	184	22634	20.00	nq	# 82
54) Dibenzofuran	9.85	168	779797	52.61	nq	94
55) 4-Nitrophenol	9.82	139	121543m	54.78	nq	
56) 2,4-Dinitrotoluene	9.85	165	149442	37.14	nq	# 33
57) Fluorene	10.19	166	613285	48.52	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.99	232	145195	47.37	nq	# 95
59) Diethylphthalate	10.08	149	671470	44.60	nq	99
60) 4-Chlorophenyl-phenylether	10.19	204	279895	53.27	nq	# 78
61) 4-Nitroaniline	10.23	138	109299	33.25	nq	# 62
62) Azobenzene	10.34	77	649890	40.01	nq	82
64) 4,6-Dinitro-2-methylphenol	10.26	198	19768	10.11	nq	# 47
65) n-Nitrosodiphenylamine	10.31	169	303985	31.43	nq	100
66) 4-Bromophenyl-phenylether	10.67	248	169771	53.18	nq	95
67) Hexachlorobenzene	10.74	284	184851	49.55	nq	98
68) Atrazine	10.85	200	74222	22.97	nq	96
69) Pentachlorophenol	10.95	266	154027	89.34	nq	98
70) Phenanthrene	11.14	178	792725	47.18	nq	99
71) Anthracene	11.20	178	868812	50.56	nq	100
72) Carbazole	11.36	167	552125	37.38	nq	98
73) Di-n-butylphthalate	11.70	149	991139	54.94	nq	99
74) Fluoranthene	12.33	202	854462	49.44	nq	94
76) Benzidine	12.47	184	39754	6.72	nq	97
77) Pyrene	12.56	202	836674	47.12	nq	98
79) Butylbenzylphthalate	13.19	149	395334	52.63	nq	91
80) Benzo(a)anthracene	13.74	228	658368	50.56	nq	99
81) 3,3'-Dichlorobenzidine	13.71	252	22364	2.70	nq	# 91
82) Chrysene	13.78	228	675697	51.01	nq	99
83) Bis(2-ethylhexyl)phthalate	13.75	149	526202	58.24	nq	98
84) Di-n-octyl phthalate	14.35	149	894289	59.75	nq	# 82
85) Indeno(1,2,3-cd)pyrene	16.37	276	503314	45.67	nq	96
87) Benzo(b)fluoranthene	14.74	252	571169m	45.00	nq	
88) Benzo(k)fluoranthene	14.77	252	522634m	50.29	nq	
89) Benzo(a)pyrene	15.06	252	528127	48.24	nq	97
90) Dibenzo(a,h)anthracene	16.37	278	435017	47.15	nq	99
91) Benzo(g,h,i)perylene	16.73	276	407748	43.49	nq	94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 439

Delta R.T. 0.00 min

Lab File: BF087090.D

Acq: 16 May 2016 19:24

Instrument :

BNA_F

ClientSampleId :

HSR-WC-44-051216MSD

Tot Ion:152 Resp: 130429

Ion Ratio Lower Upper

152 100

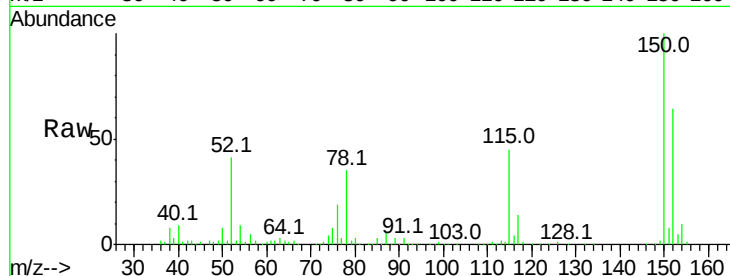
150 155.7 125.8 188.6

115 70.1 51.5 77.3

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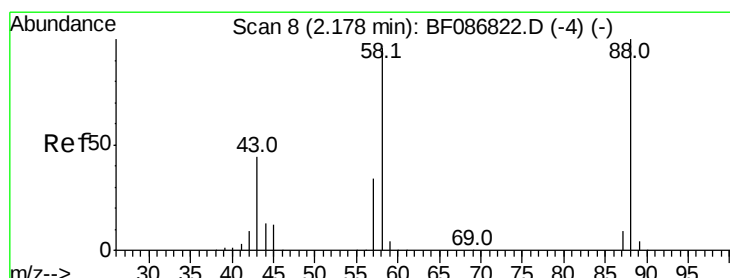
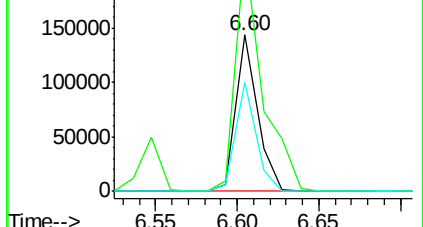
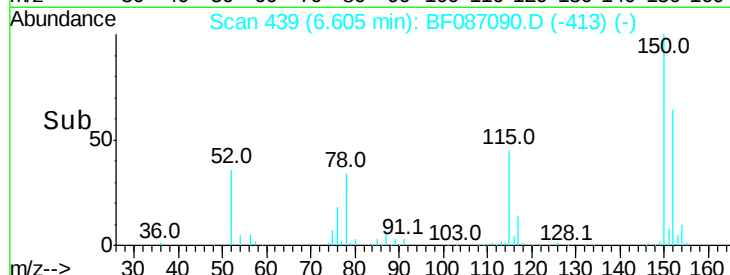
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 37.78 ng

RT: 2.24 min Scan# 57

Delta R.T. 0.18 min

Lab File: BF087090.D

Acq: 16 May 2016 19:24

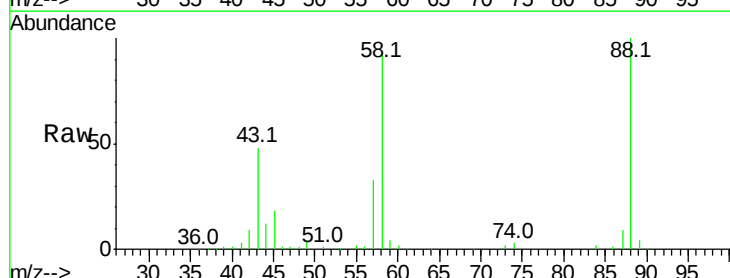
Tgt Ion: 88 Resp: 142847

Ion Ratio Lower Upper

88 100

58 97.7 59.6 89.4#

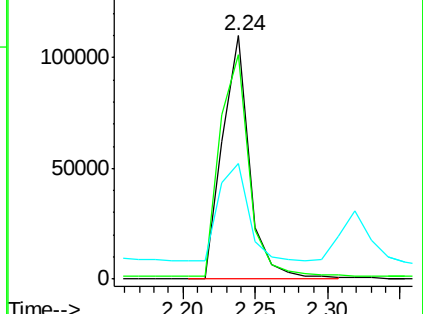
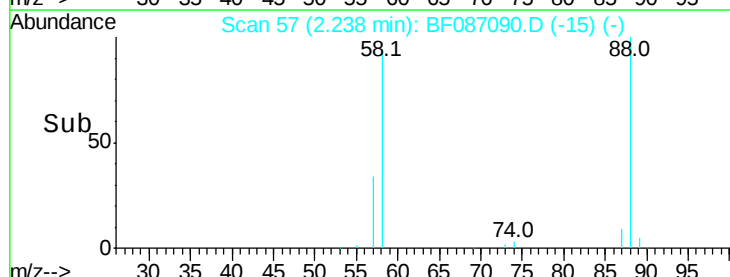
43 0.0 21.8 32.6#

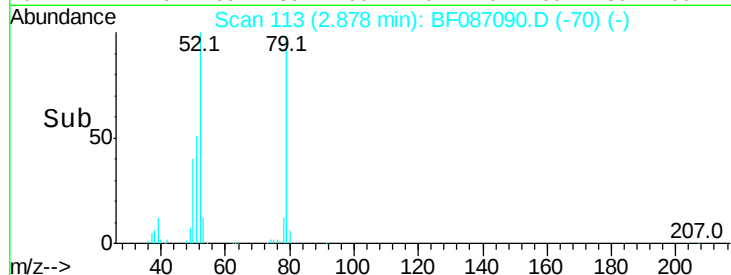
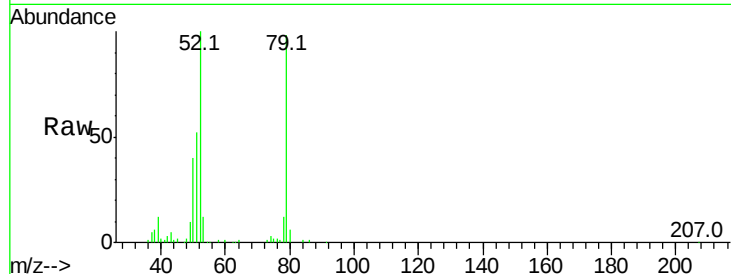
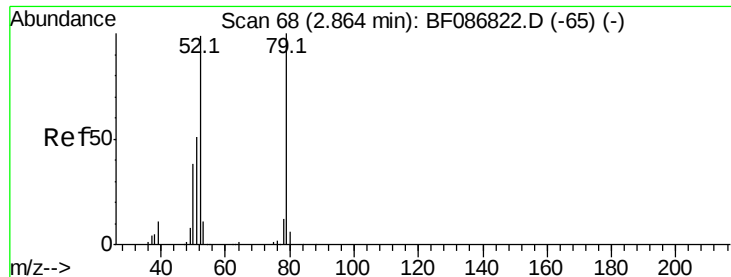


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





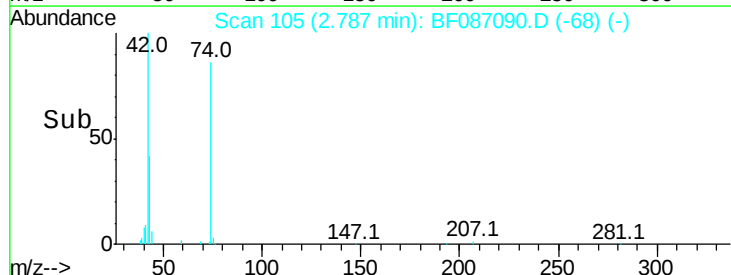
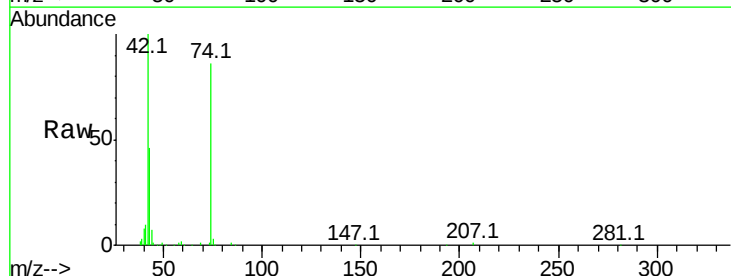
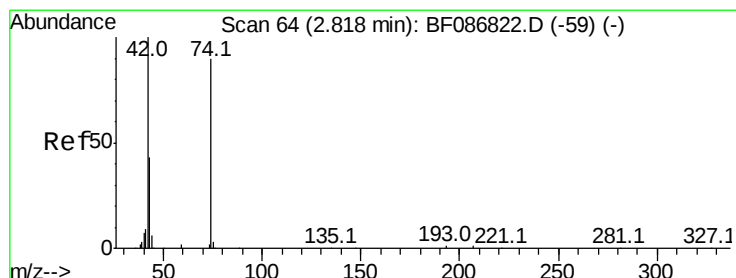
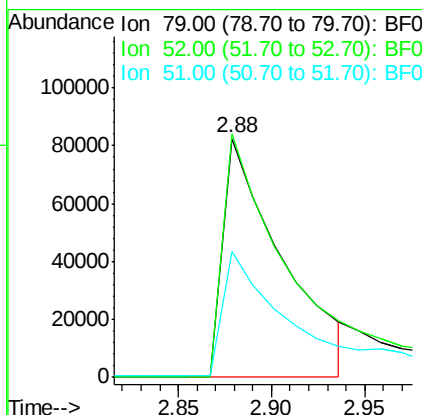
#3
Pvridine
Concen: 19.86 ng
RT: 2.88 min Scan# 113
Delta R.T. 0.19 min
Lab File: BF087090.D
Acq: 16 May 2016 19:24

Tot Ion	Ratio	Lower	Upper
79	100		
52	102.0	55.9	83.9#
51	53.0	28.1	42.1#

Instrument :
BNA_F
ClientSampleId :
HSR-WC-44-051216MSD

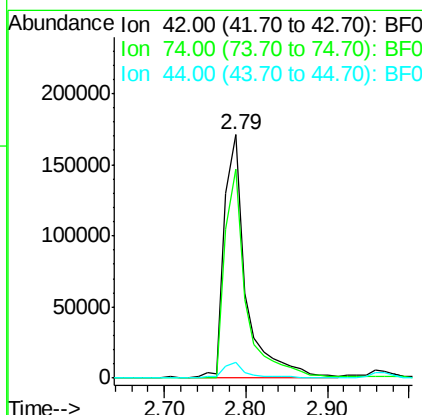
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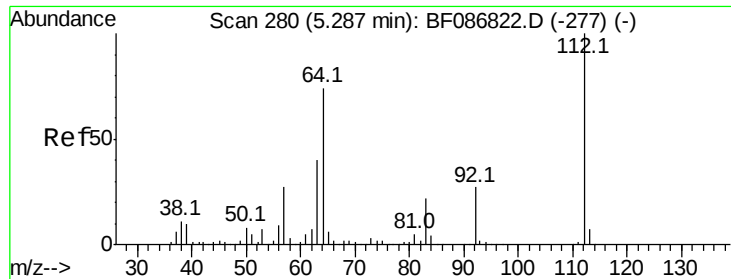
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#4
n-Nitrosodimethylamine
Concen: 46.30 ng
RT: 2.79 min Scan# 105
Delta R.T. 0.13 min
Lab File: BF087090.D
Acq: 16 May 2016 19:24

Tgt Ion	Ratio	Lower	Upper
42	100		
74	86.1	123.4	185.0#
44	6.7	5.8	8.6





#5

2-Fluorophenol

Concen: 133.61 ng

RT: 5.22 min Scan# 318

Delta R.T. 0.02 min

Lab File: BF087090.D

Acq: 16 May 2016 19:24

Instrument :

BNA_F

ClientSampleId :

HSR-WC-44-051216MSD

Tot Ion:112 Resp: 1028982

Ion Ratio Lower Upper

112 100

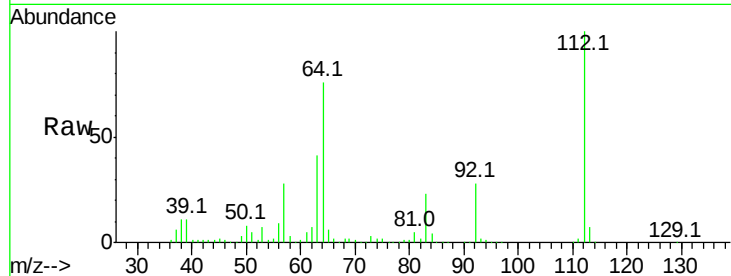
64 75.7 52.1 78.1

63 41.4 25.7 38.5#

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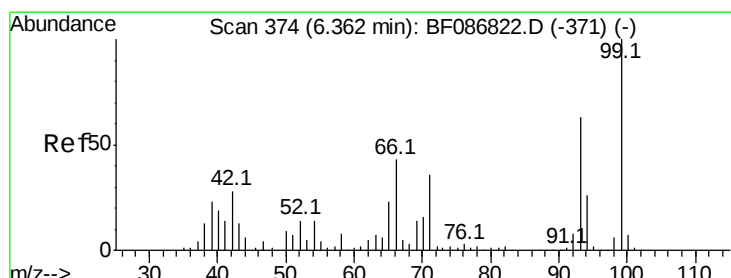
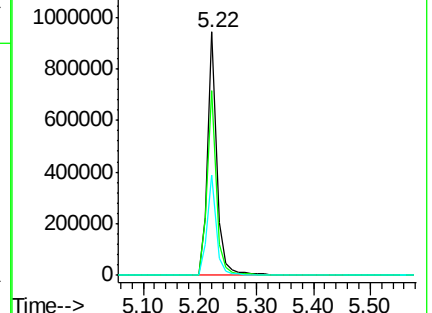
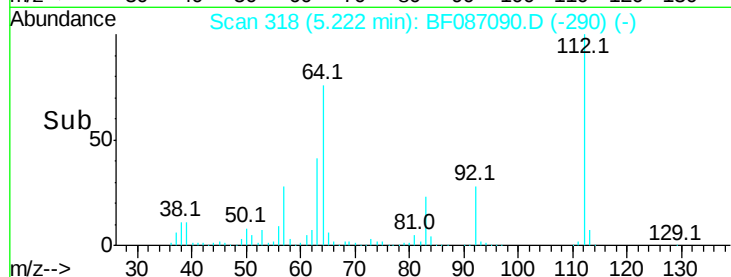
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Abundance Ion 112.00 (111.70 to 112.70): BF0

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 5.96 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.01 min

Lab File: BF087090.D

Acq: 16 May 2016 19:24

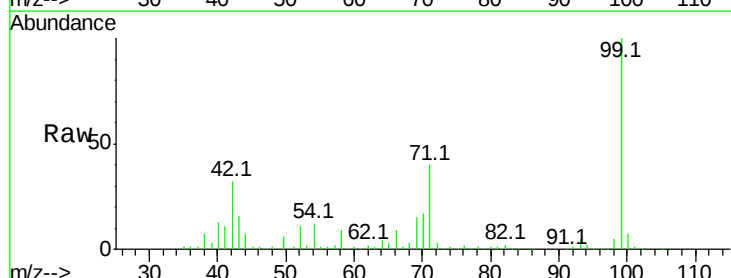
Tgt Ion: 93 Resp: 74255

Ion Ratio Lower Upper

93 100

66 187.1 39.0 58.6#

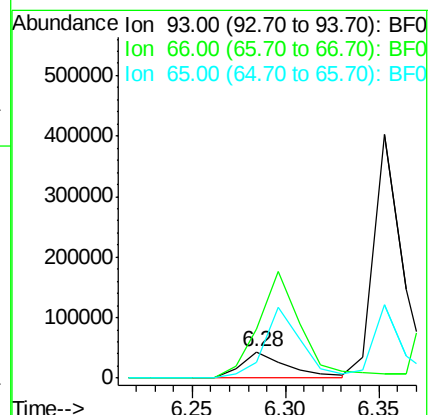
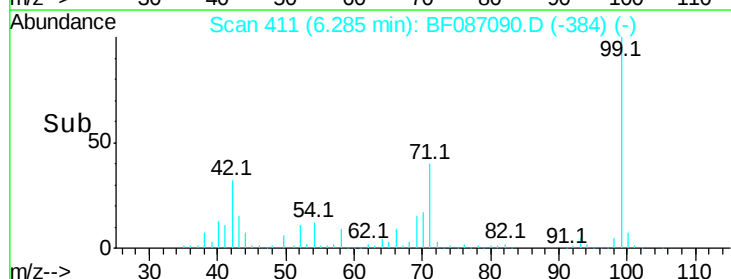
65 58.8 20.6 31.0#

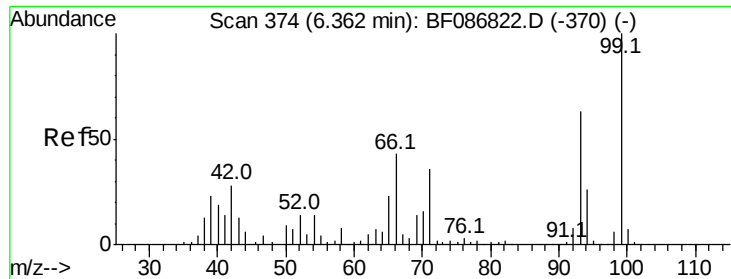


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 120.87 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF087090.D

Acq: 16 May 2016 19:24

Instrument :

BNA_F

ClientSampleId :

HSR-WC-44-051216MSD

Tot Ion: 99 Resp: 1244108

Ion Ratio Lower Upper

99 100

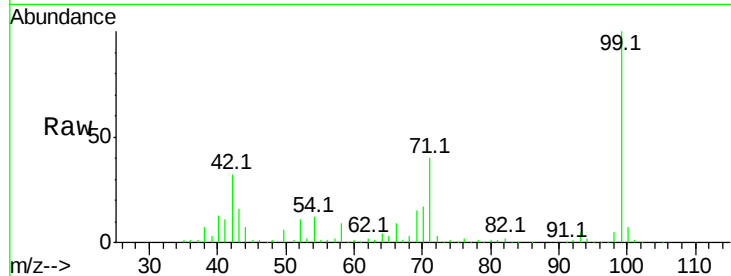
42 31.6 13.6 20.4#

71 39.7 24.6 36.8#

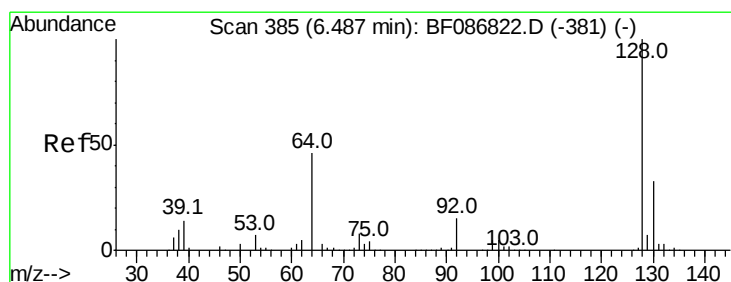
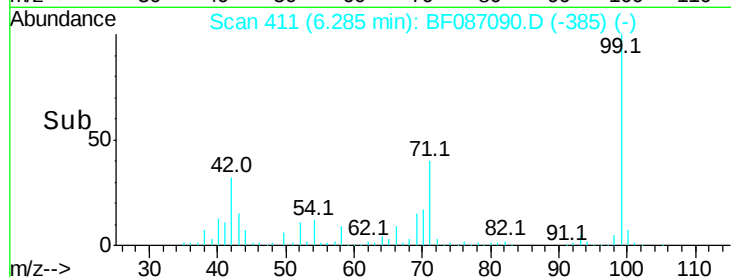
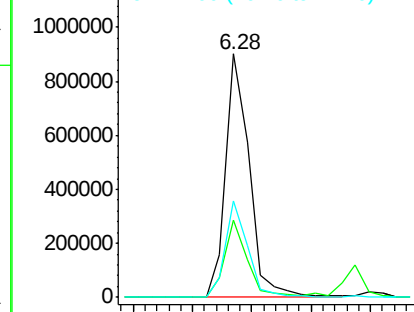
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 42.94 ng

RT: 6.40 min Scan# 421

Delta R.T. 0.00 min

Lab File: BF087090.D

Acq: 16 May 2016 19:24

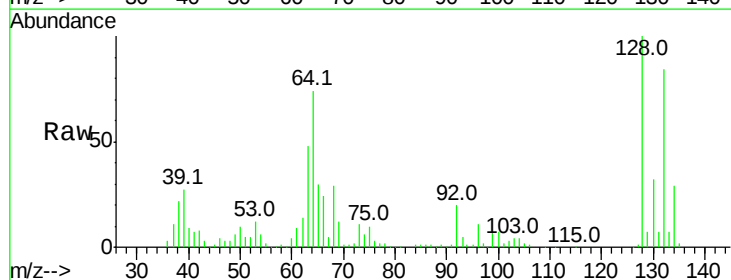
Tgt Ion:128 Resp: 399071

Ion Ratio Lower Upper

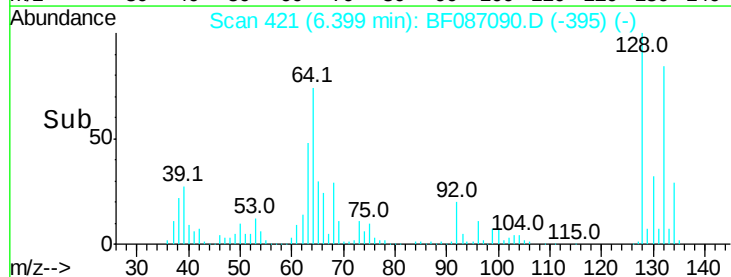
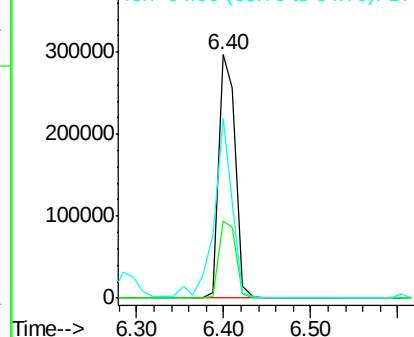
128 100

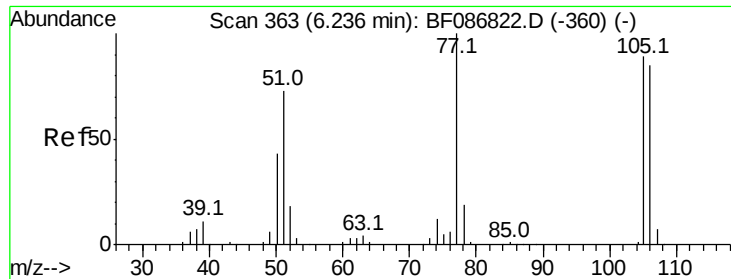
130 31.6 12.5 52.5

64 73.9 27.3 67.3#



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 5.79 ng

RT: 6.16 min Scan# 400

Delta R.T. 0.01 min

Lab File: BF087090.D

Acq: 16 May 2016 19:24

Instrument :

BNA_F

ClientSampleId :

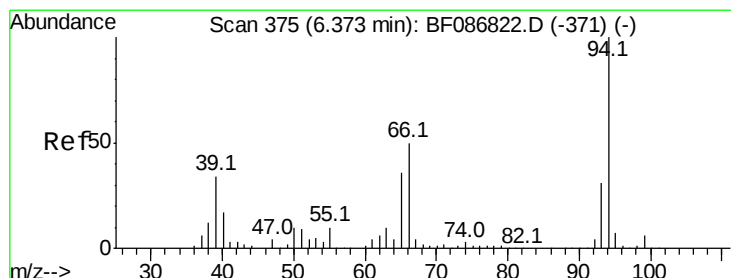
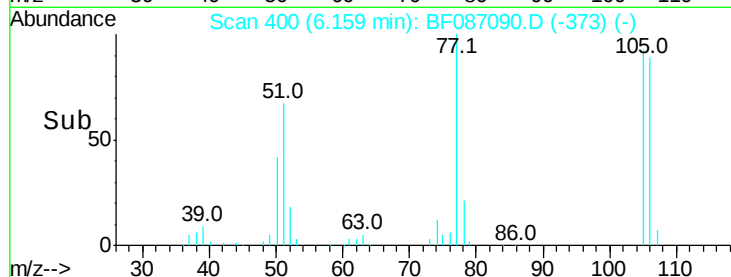
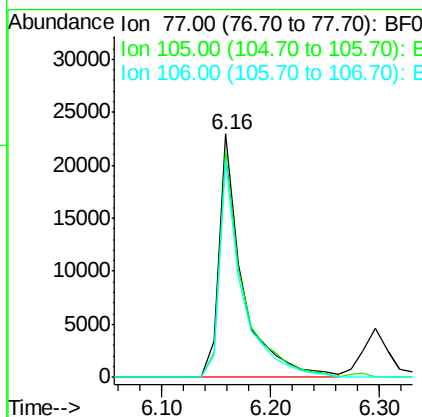
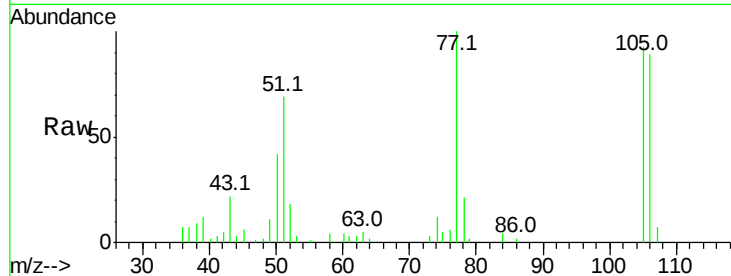
HSR-WC-44-051216MSD

Tot Ion: 77 Resp: 34496

Ion	Ratio	Lower	Upper
77	100		
105	93.1	72.7	112.7
106	89.0	70.8	110.8

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#10

Phenol

Concen: 36.47 ng

RT: 6.30 min Scan# 412

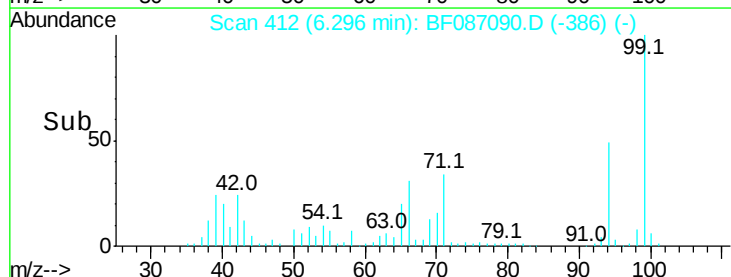
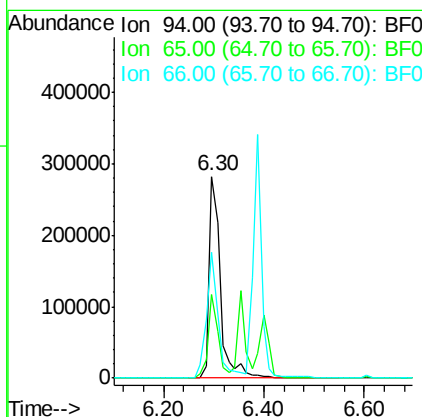
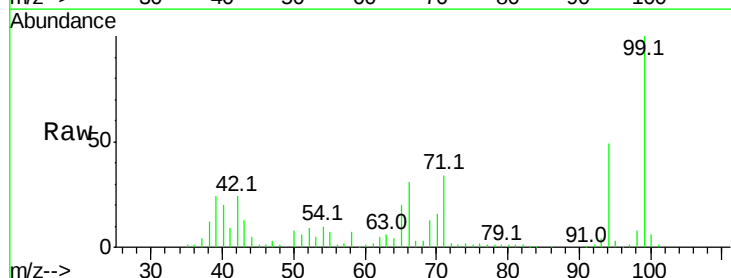
Delta R.T. 0.00 min

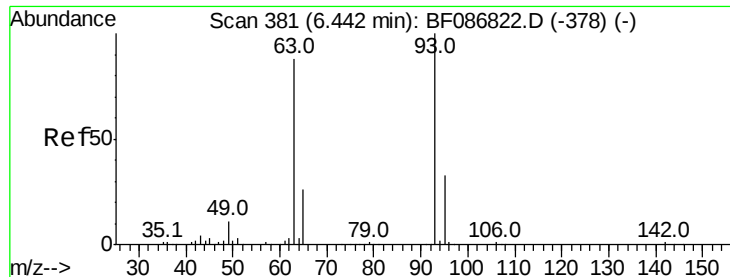
Lab File: BF087090.D

Acq: 16 May 2016 19:24

Tgt Ion: 94 Resp: 446128

Ion	Ratio	Lower	Upper
94	100		
65	41.4	7.2	47.2
66	62.0	14.9	54.9





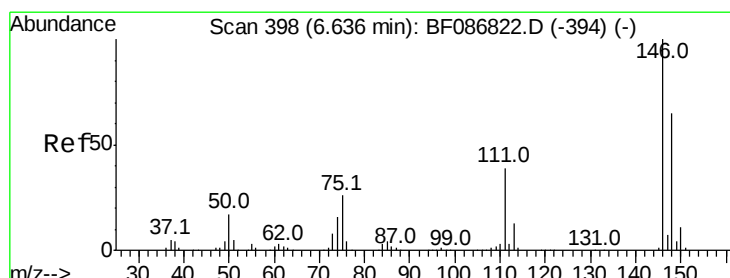
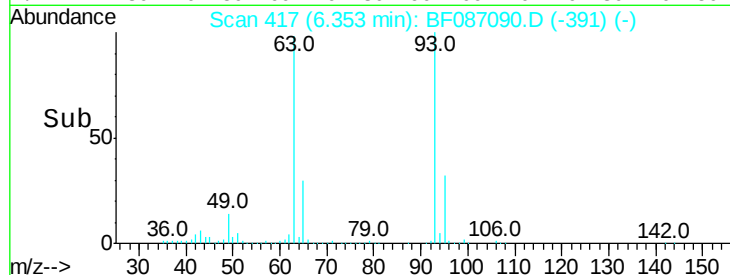
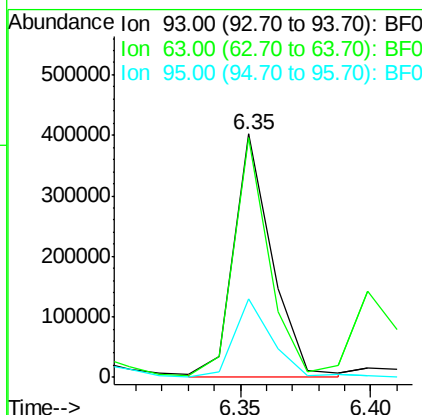
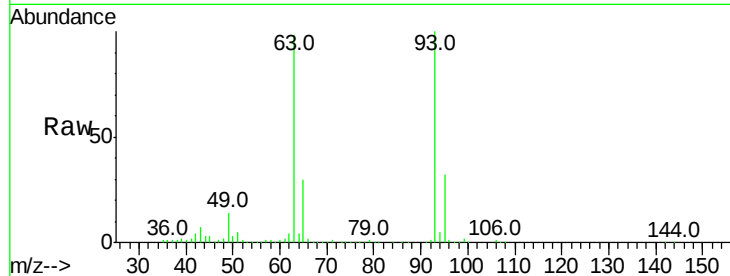
#11
bis(2-Chloroethyl)ether
Concen: 43.11 ng
RT: 6.35 min Scan# 417
Delta R.T. 0.00 min
Lab File: BF087090.D
Acq: 16 May 2016 19:24

Instrument :
BNA_F
ClientSampleId :
HSR-WC-44-051216MSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	98.5	58.0	98.0#	
95	32.2	11.9	51.9	

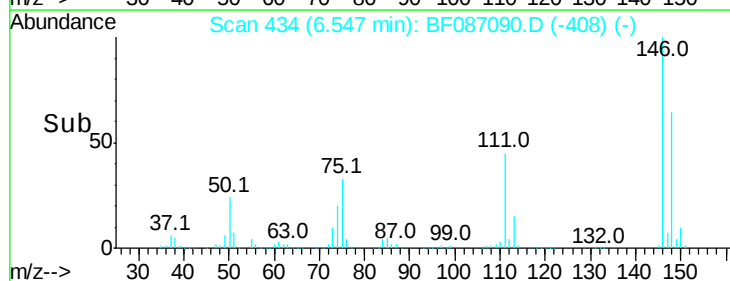
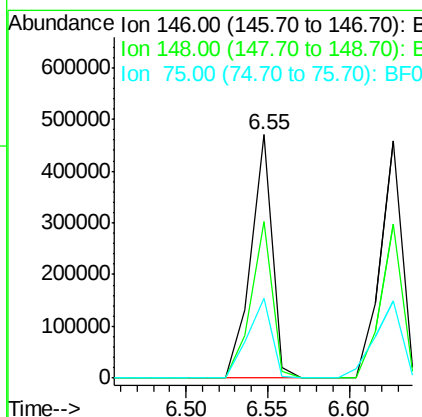
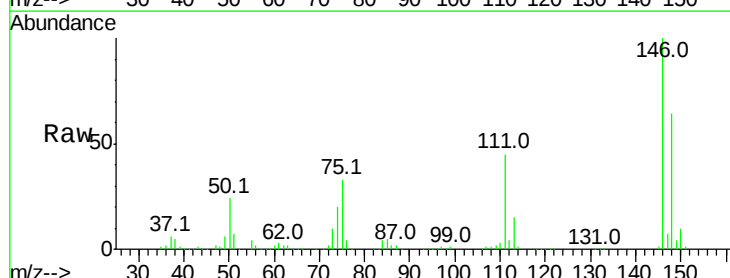
Manual Integrations
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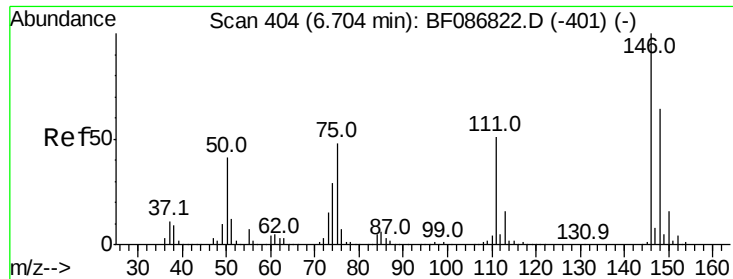
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#12
1,3-Dichlorobenzene
Concen: 42.58 ng
RT: 6.55 min Scan# 434
Delta R.T. 0.00 min
Lab File: BF087090.D
Acq: 16 May 2016 19:24

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	64.5	52.4	78.6	
75	32.6	22.8	34.2	





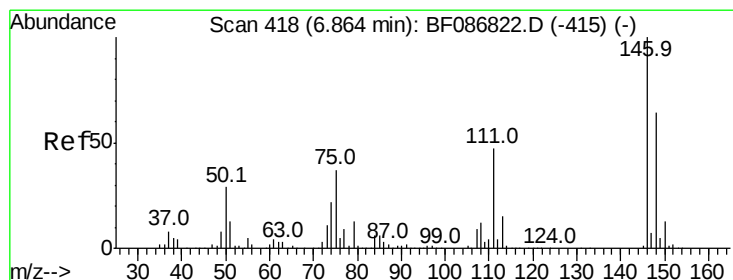
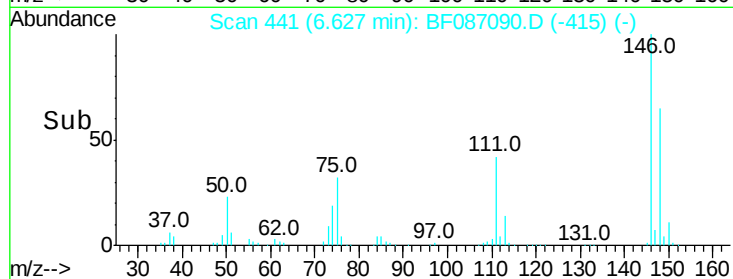
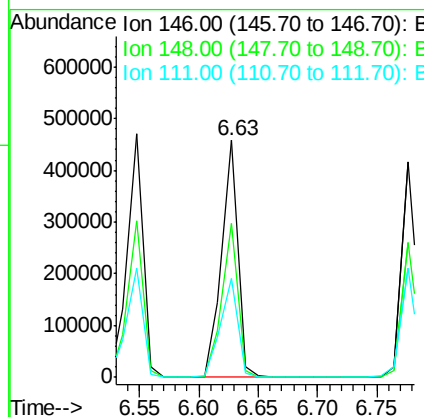
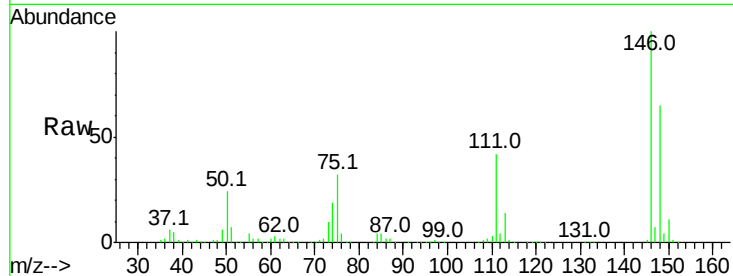
#13
 1,4-Dichlorobenzene
 Concen: 42.16 ng
 RT: 6.63 min Scan# 441
 Delta R.T. 0.00 min
 Lab File: BF087090.D
 Acq: 16 May 2016 19:24

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-44-051216MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.2	52.2	78.4
111	41.9	30.7	46.1

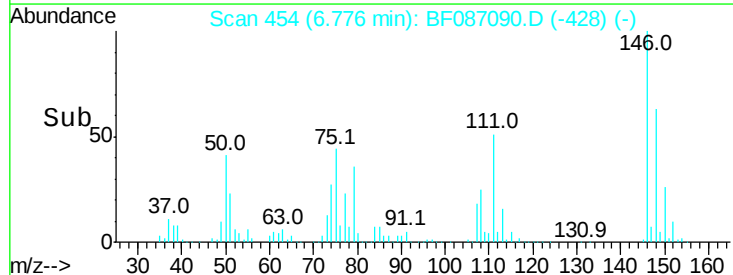
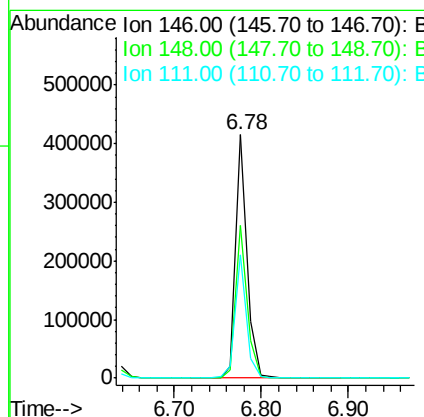
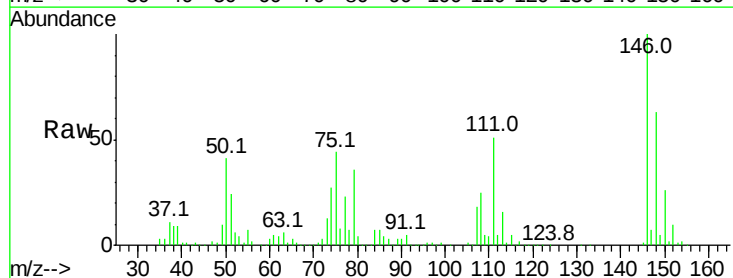
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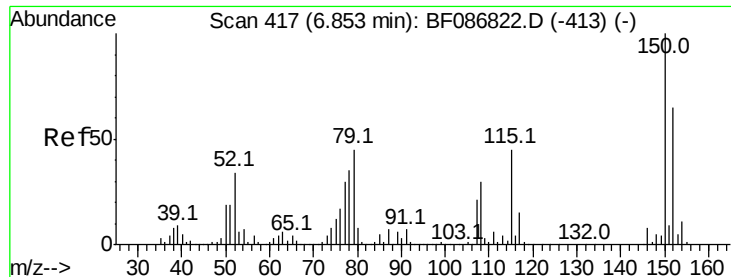
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#14
 1,2-Dichlorobenzene
 Concen: 41.74 ng
 RT: 6.78 min Scan# 454
 Delta R.T. 0.00 min
 Lab File: BF087090.D
 Acq: 16 May 2016 19:24

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.8	51.0	76.6
111	50.7	36.2	54.4





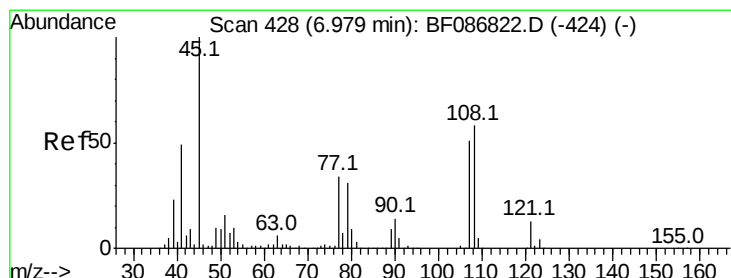
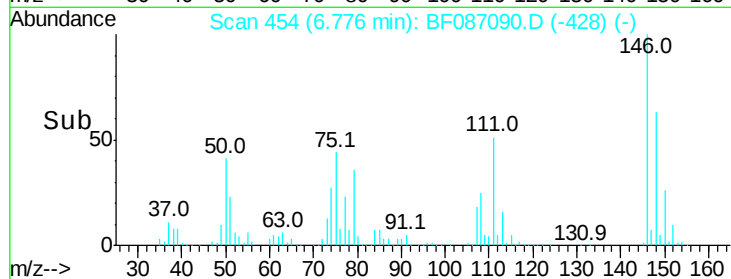
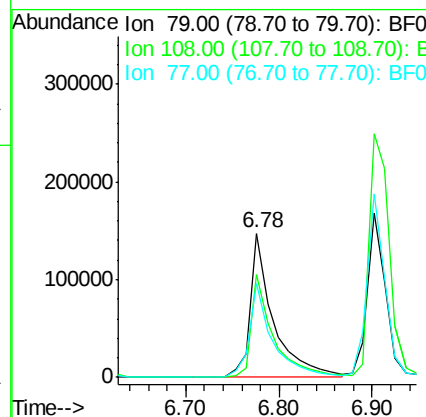
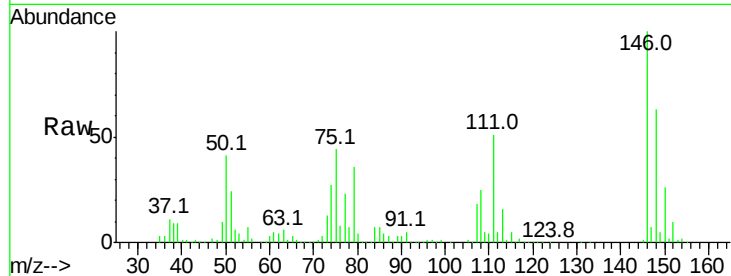
#15
Benzyl Alcohol
Concen: 35.60 ng
RT: 6.78 min Scan# 454
Delta R.T. 0.00 min
Lab File: BF087090.D
Acq: 16 May 2016 19:24

Instrument :
BNA_F
ClientSampleId :
HSR-WC-44-051216MSD

Tot Ion	Ratio	Resp	Lower	Upper
79	100	253038		
108	71.6	68.4	102.6	
77	64.9	50.6	76.0	

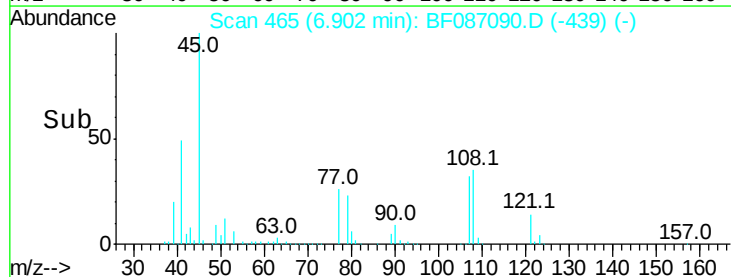
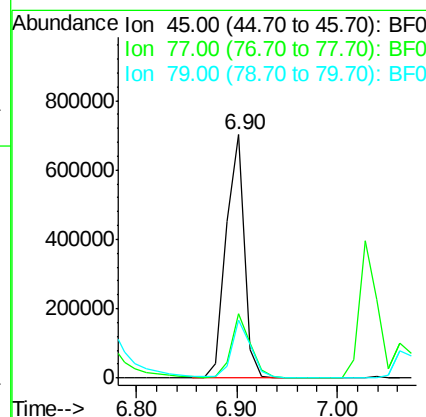
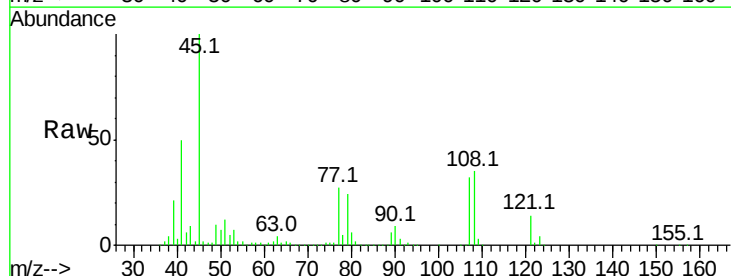
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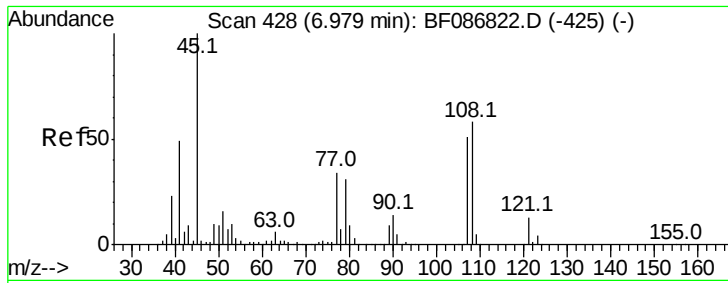
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#16
2,2'-oxybis(1-chloropropane)
Concen: 42.29 ng
RT: 6.90 min Scan# 465
Delta R.T. 0.00 min
Lab File: BF087090.D
Acq: 16 May 2016 19:24

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	877245		
77	26.7	0.0	36.4	
79	23.9	0.0	33.4	





#17

2-Methylphenol

Concen: 44.73 ng/ml

RT: 6.90 min Scan# 465

Delta R.T. -0.16 min

Lab File: BF087090.D

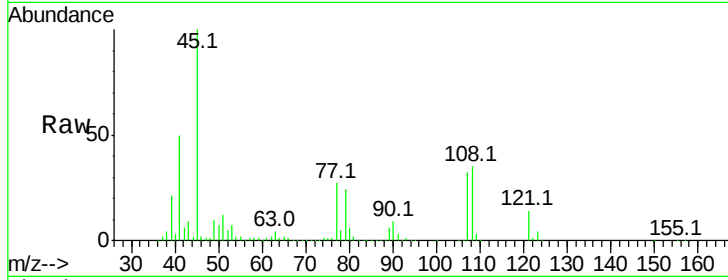
Acq: 16 May 2016 19:24

Instrument :

BNA_F

ClientSampleId :

HSR-WC-44-051216MSD



Tot Ion:107 Resp: 330775

Ion Ratio Lower Upper

107 100

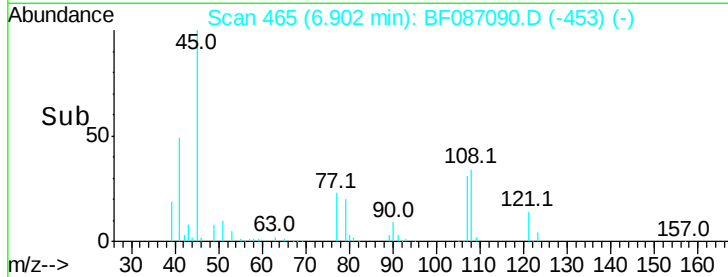
108 112.4 93.7 140.5

77 84.6 33.4 50.0#

79 75.6 34.3 51.5#

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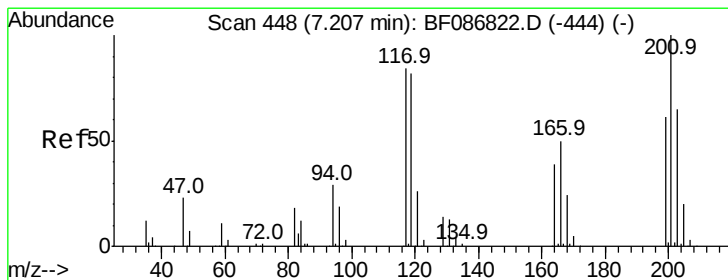
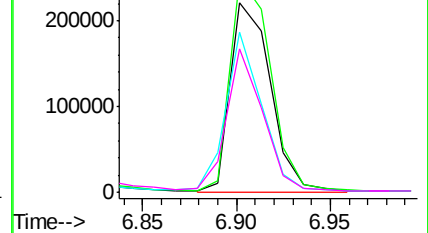


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 34.27 ng/ml

RT: 7.12 min Scan# 484

Delta R.T. 0.00 min

Lab File: BF087090.D

Acq: 16 May 2016 19:24

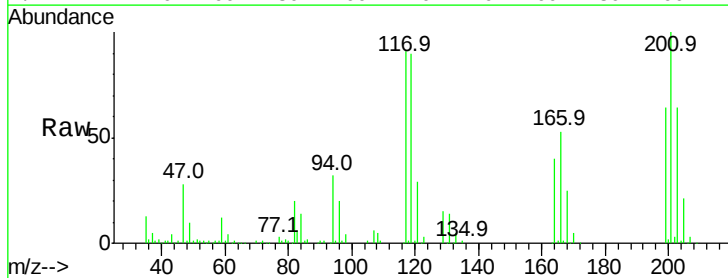
Tgt Ion:117 Resp: 132224

Ion Ratio Lower Upper

117 100

119 98.4 76.5 114.7

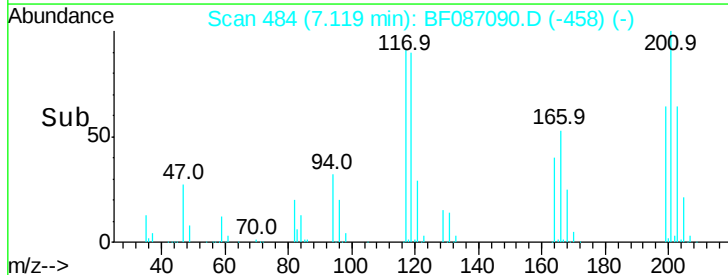
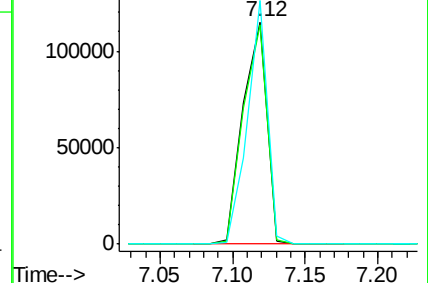
201 109.5 63.0 94.6#

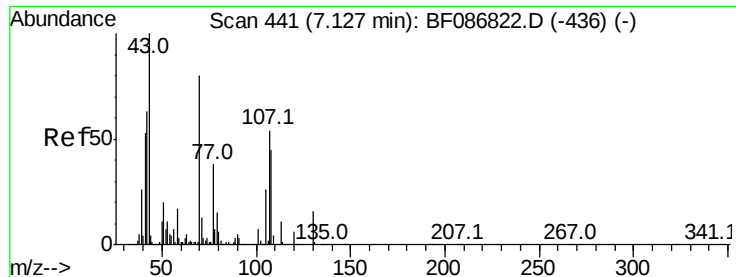


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 45.94 ng/mL

RT: 7.04 min Scan# 477

Delta R.T. -0.15 min

Lab File: BF087090.D

Acq: 16 May 2016 19:24

Instrument :

BNA_F

ClientSampleId :

HSR-WC-44-051216MSD

Tot Ion: 70 Resp: 330453

Ion Ratio Lower Upper

70 100

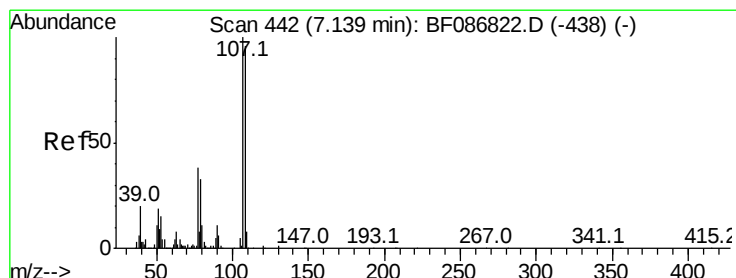
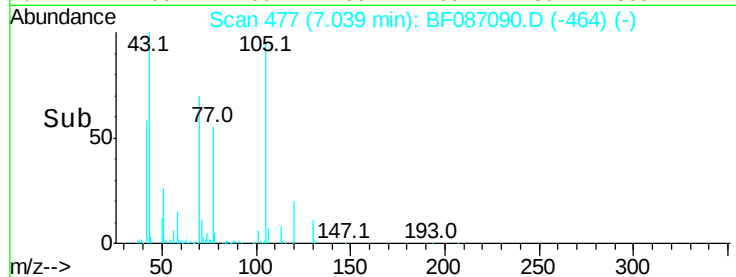
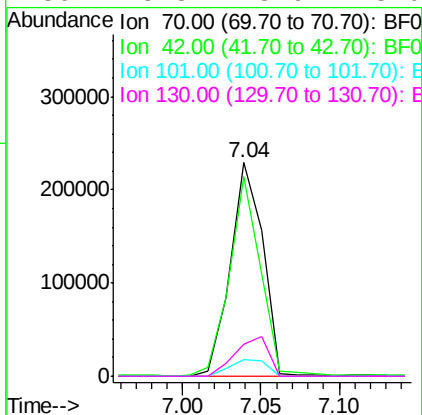
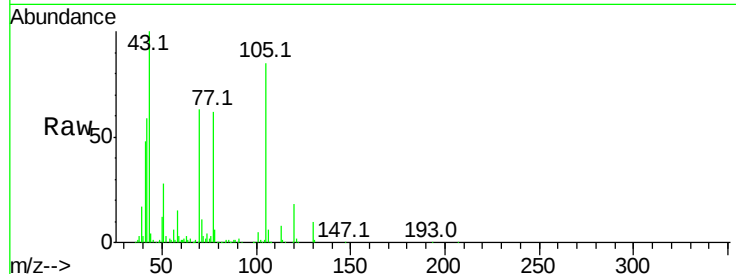
42 93.7 43.1 64.7#

101 8.1 8.1 12.1#

130 15.3 18.6 28.0#

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#20

3+4-Methylphenols

Concen: 46.22 ng/mL

RT: 7.06 min Scan# 479

Delta R.T. 0.00 min

Lab File: BF087090.D

Acq: 16 May 2016 19:24

Tgt Ion: 107 Resp: 446387

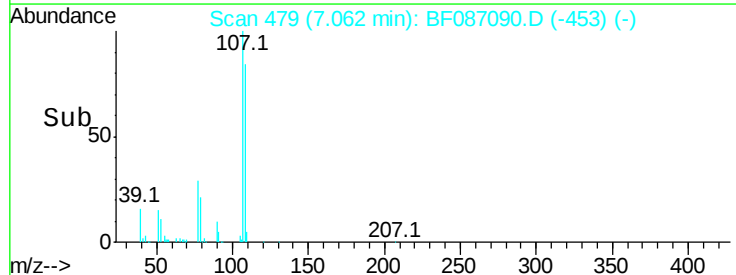
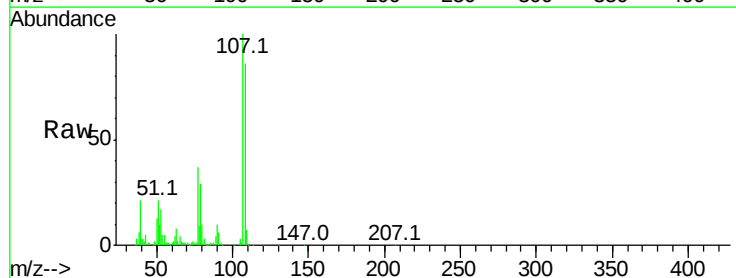
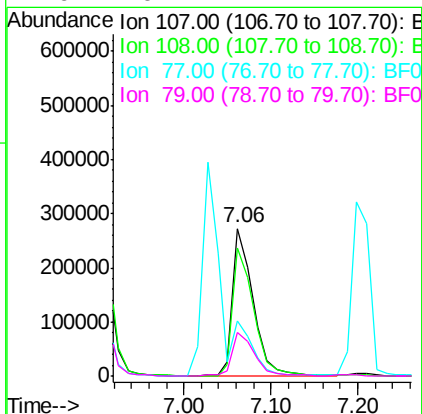
Ion Ratio Lower Upper

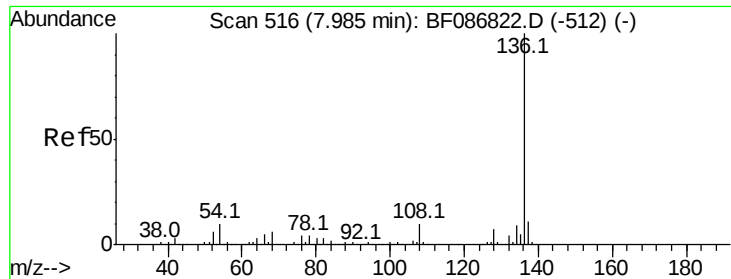
107 100

108 86.3 68.5 108.5

77 36.9 101.6 141.6#

79 29.1 7.4 47.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.90 min Scan# 552

Delta R.T. 0.00 min

Lab File: BF087090.D

Acq: 16 May 2016 19:24

Instrument :

BNA_F

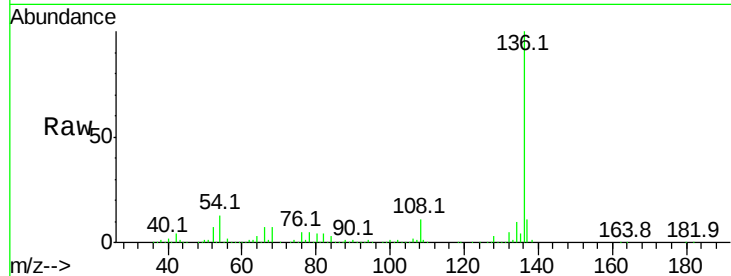
ClientSampleId :

HSR-WC-44-051216MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	514454		
137	10.9	8.8	13.2	
54	12.6	5.0	7.4	
68	6.5	4.4	6.6	

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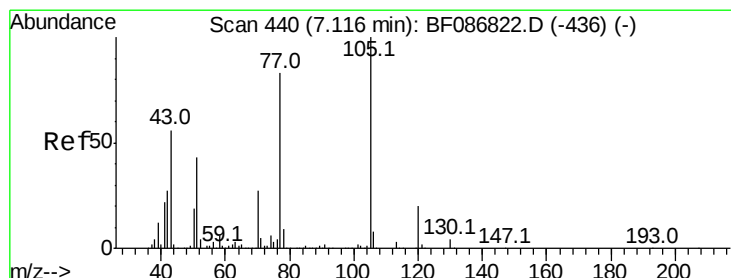
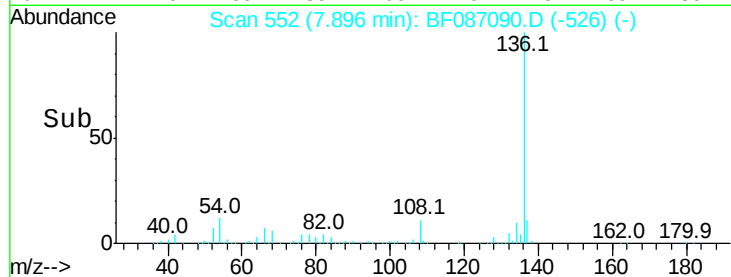
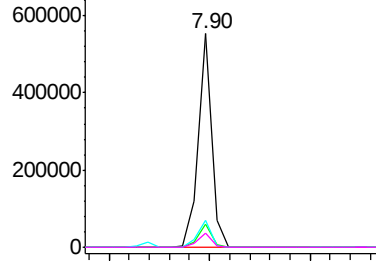
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 48.88 ng

RT: 7.03 min Scan# 476

Delta R.T. -0.01 min

Lab File: BF087090.D

Acq: 16 May 2016 19:24

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	593948		
71	3.0	4.8	7.2	
51	45.5	32.6	49.0	
120	20.0	16.5	24.7	

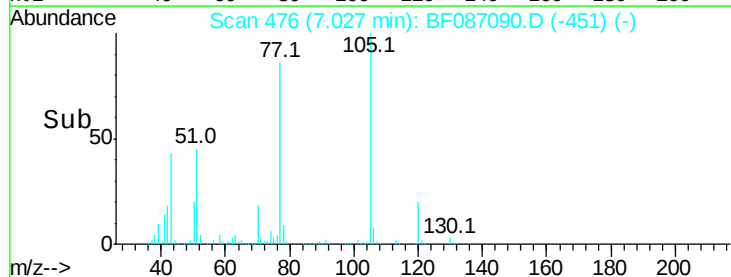
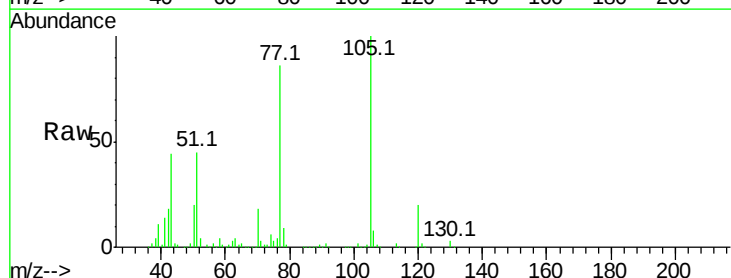
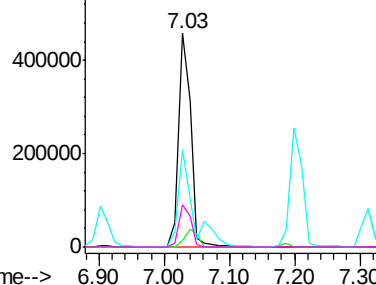
Abundance

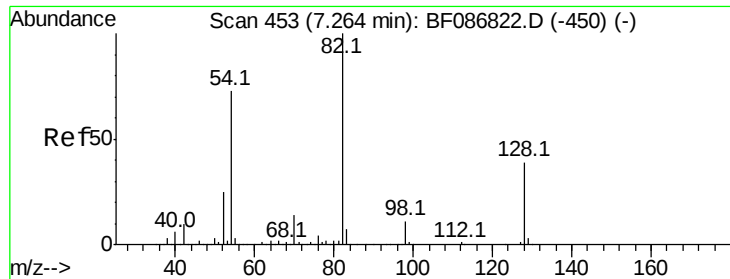
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





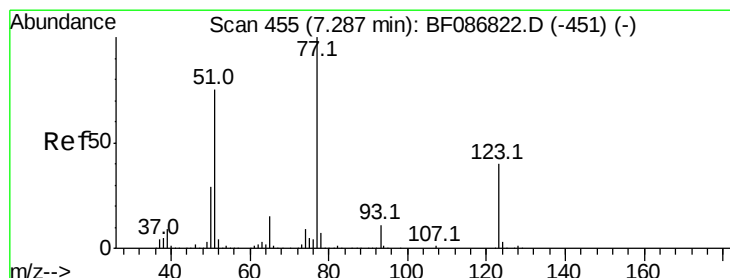
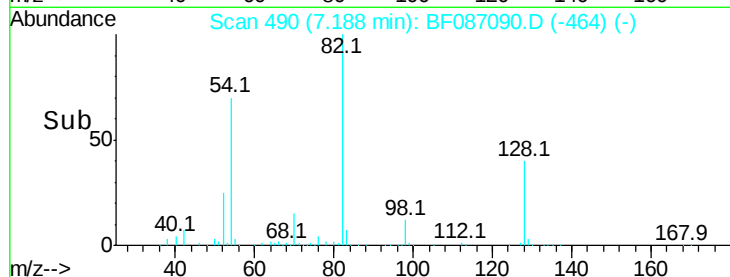
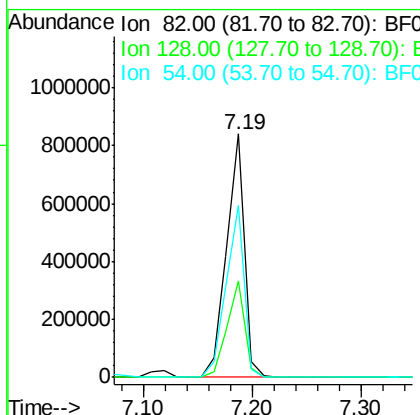
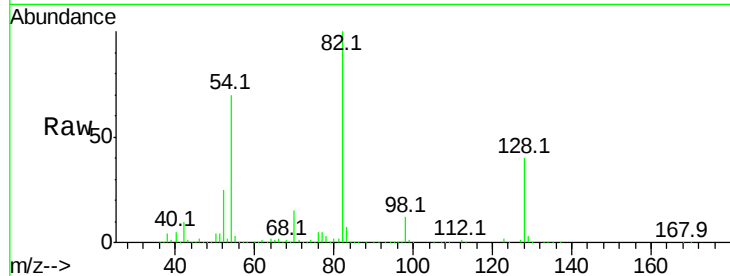
#23
 Nitrobenzene-d5
 Concen: 93.28 ng
 RT: 7.19 min Scan# 490
 Delta R.T. 0.00 min
 Lab File: BF087090.D
 Acq: 16 May 2016 19:24

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-44-051216MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	39.5	40.6	61.0#	
54	70.5	38.1	57.1#	

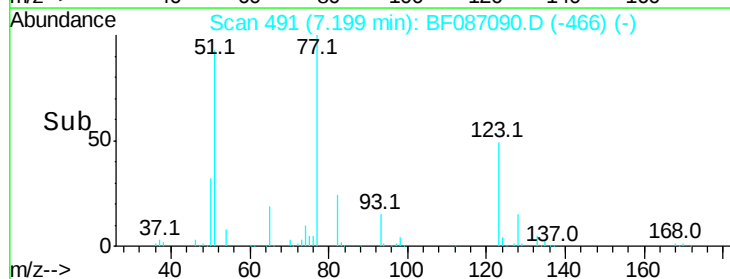
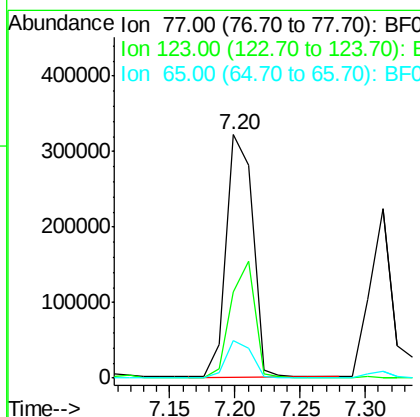
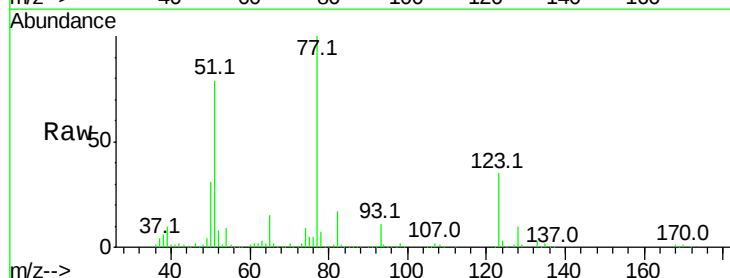
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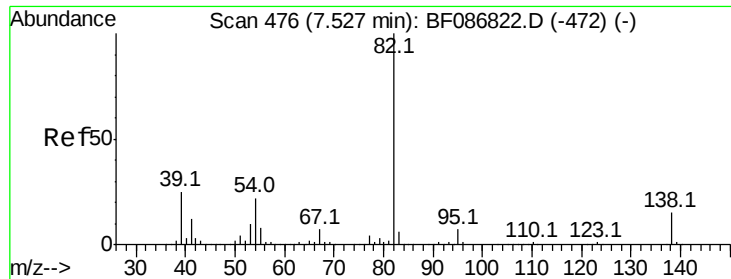
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#24
 Nitrobenzene
 Concen: 42.96 ng
 RT: 7.20 min Scan# 491
 Delta R.T. -0.01 min
 Lab File: BF087090.D
 Acq: 16 May 2016 19:24

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	35.3	33.0	49.4	
65	15.3	10.8	16.2	





#25

Isophorone

Concen: 45.90 ng

RT: 7.45 min Scan# 513

Delta R.T. 0.00 min

Lab File: BF087090.D

Acq: 16 May 2016 19:24

Instrument :

BNA_F

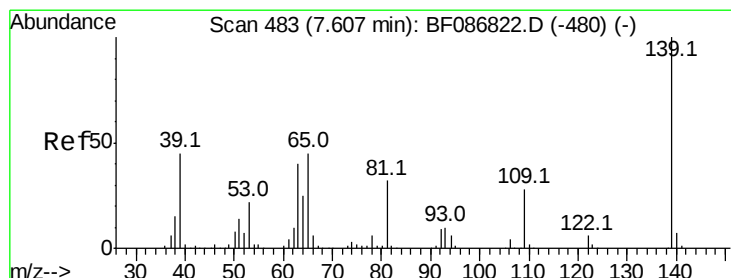
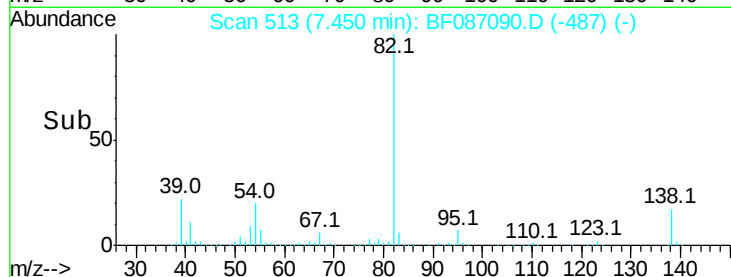
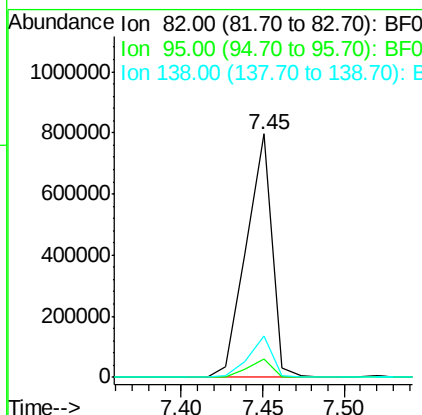
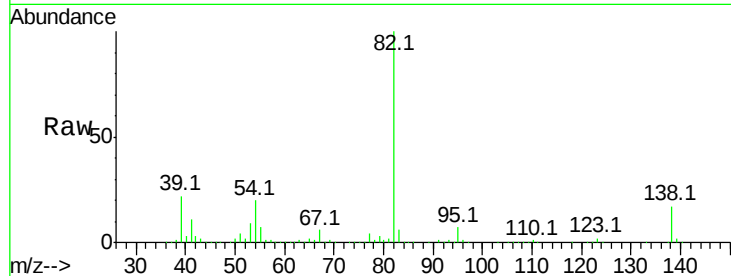
ClientSampleId :

HSR-WC-44-051216MSD

Tot Ion:	82	Resp:	872452
Ion Ratio	Lower	Upper	
82	100		
95	7.4	5.1	7.7
138	17.3	12.4	18.6

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#26

2-Nitrophenol

Concen: 38.57 ng

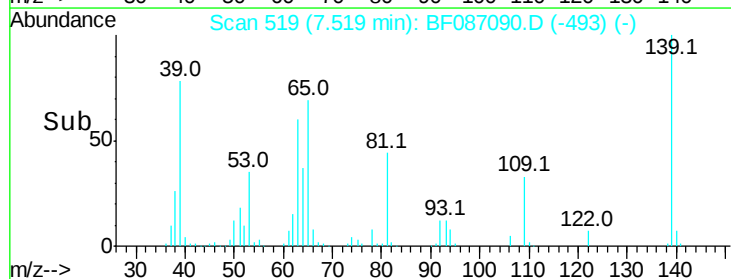
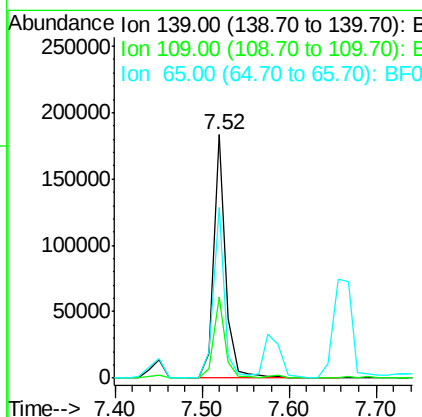
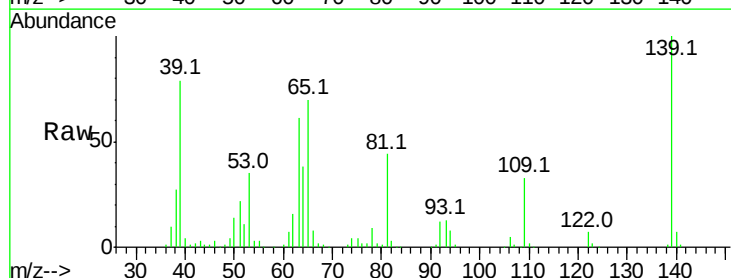
RT: 7.52 min Scan# 519

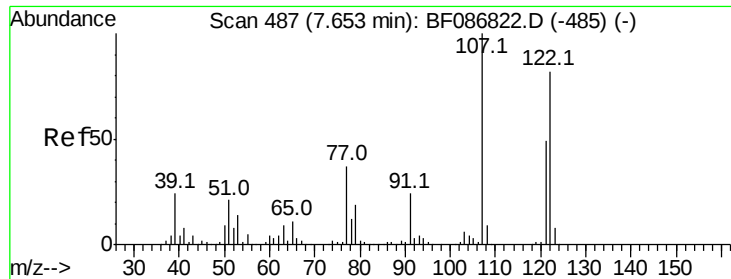
Delta R.T. 0.00 min

Lab File: BF087090.D

Acq: 16 May 2016 19:24

Tgt Ion:	139	Resp:	178676
Ion Ratio	Lower	Upper	
139	100		
109	33.3	19.5	29.3#
65	69.9	37.5	56.3#





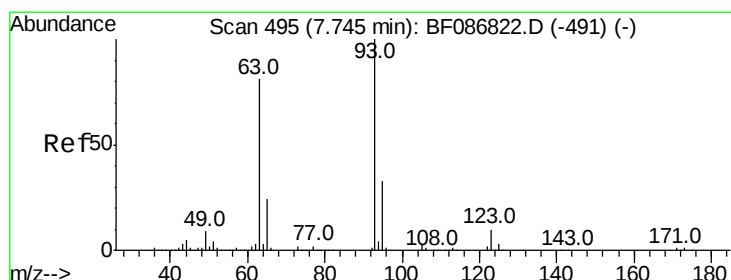
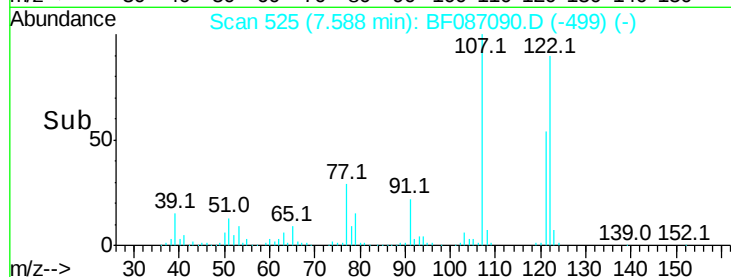
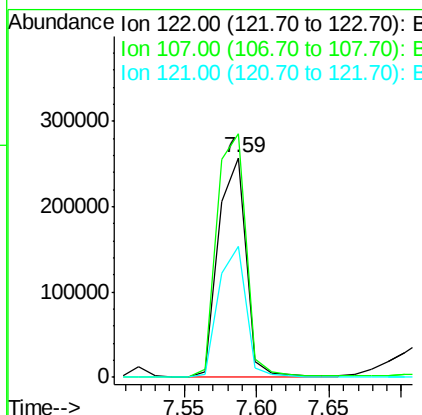
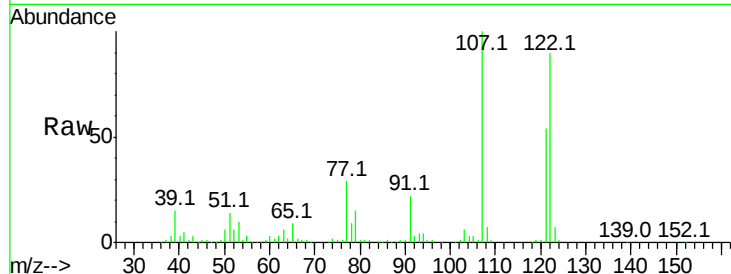
#27
 2,4-Dimethylphenol
 Concen: 43.67 ng
 RT: 7.59 min Scan# 525
 Delta R.T. 0.00 min
 Lab File: BF087090.D
 Acq: 16 May 2016 19:24

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-44-051216MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	344599		
107	110.8	82.0	123.0	
121	59.8	46.1	69.1	

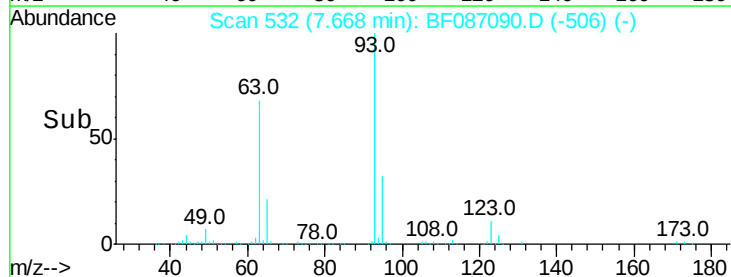
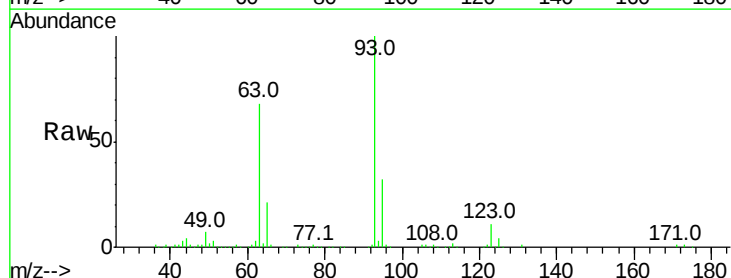
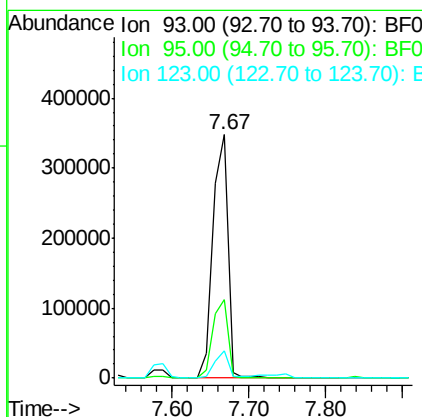
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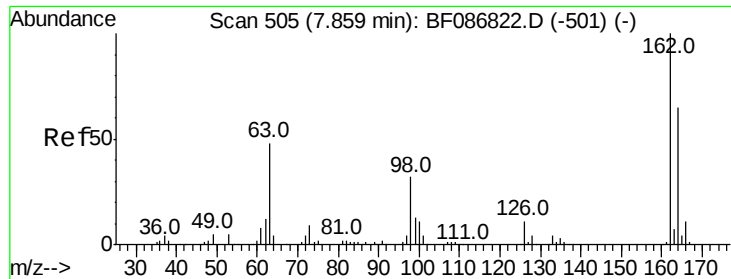
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#28
 bis(2-Chloroethoxy)methane
 Concen: 45.43 ng
 RT: 7.67 min Scan# 532
 Delta R.T. 0.00 min
 Lab File: BF087090.D
 Acq: 16 May 2016 19:24

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	465861		
95	32.4	26.0	39.0	
123	11.2	9.5	14.3	





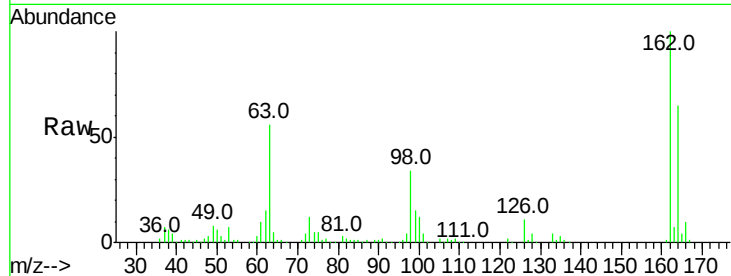
#29
 2,4-Dichlorophenol
 Concen: 43.74 ng
 RT: 7.78 min Scan# 542
 Delta R.T. 0.00 min
 Lab File: BF087090.D
 Acq: 16 May 2016 19:24

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-44-051216MSD

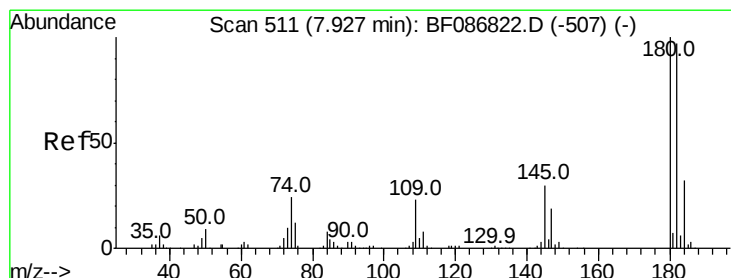
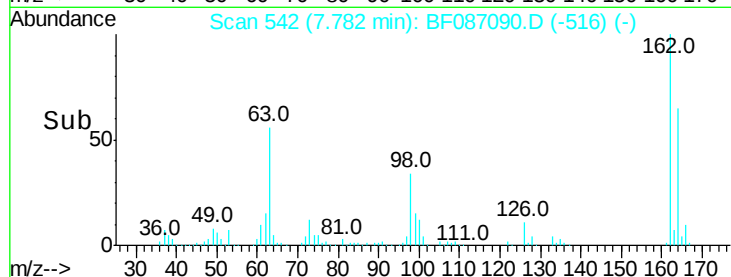
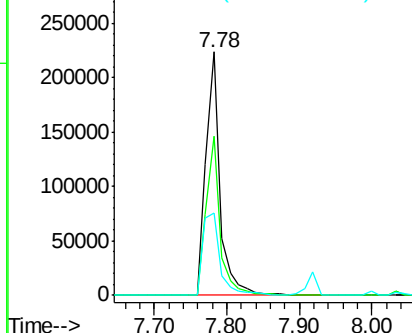
Tot Ion	Ratio	Resp	Lower	Upper
162	100	303810		
164	65.4	42.2	82.2	
98	33.9	19.0	59.0	

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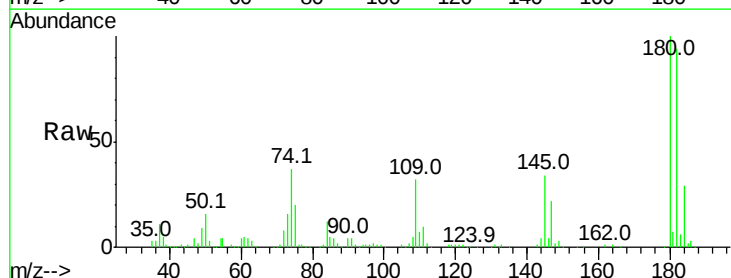


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

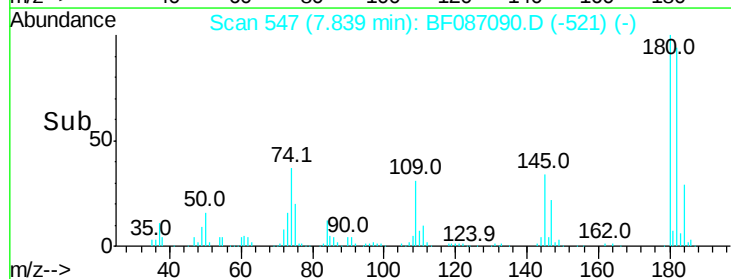
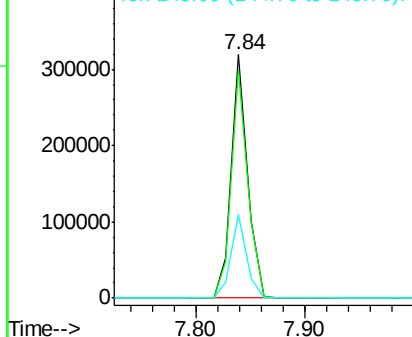


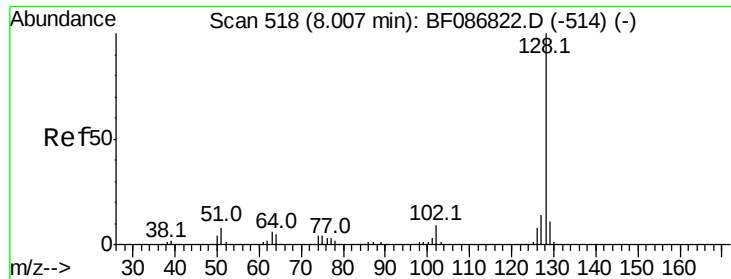
#30
 1,2,4-Trichlorobenzene
 Concen: 42.18 ng
 RT: 7.84 min Scan# 547
 Delta R.T. 0.00 min
 Lab File: BF087090.D
 Acq: 16 May 2016 19:24

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	327590		
182	93.8	78.0	117.0	
145	34.3	24.2	36.2	



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





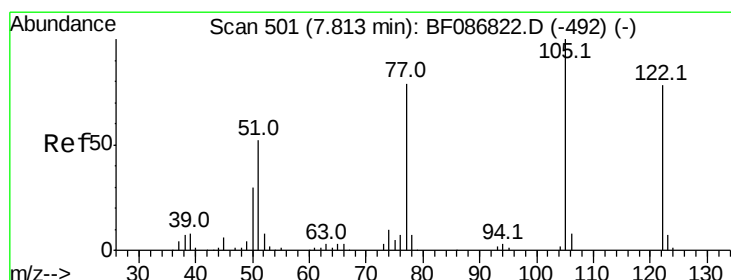
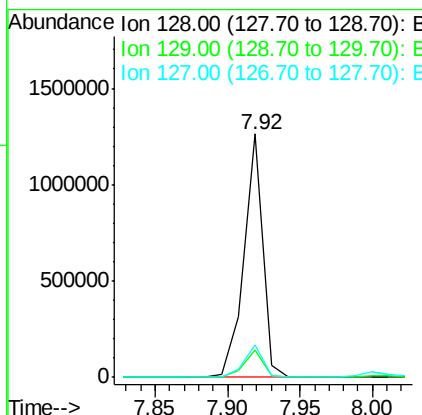
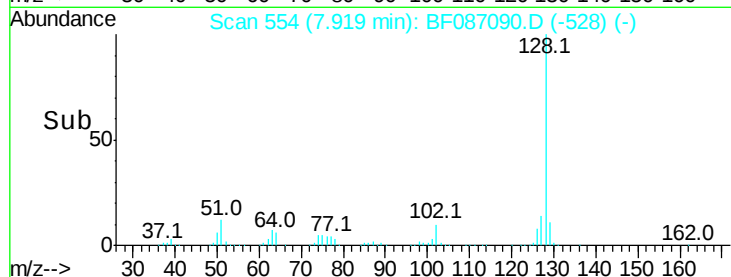
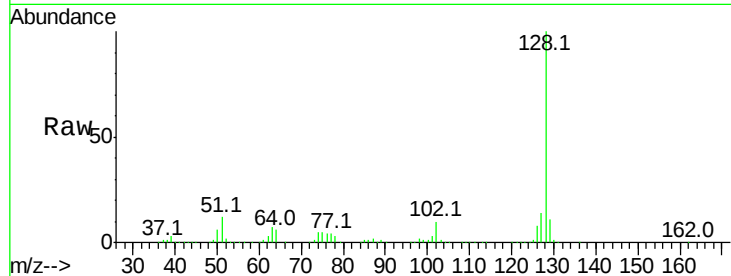
#31
Naphthalene
Concen: 44.40 ng
RT: 7.92 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF087090.D
Acq: 16 May 2016 19:24

Instrument :
BNA_F
ClientSampleId :
HSR-WC-44-051216MSD

Tot Ion:128 Resp: 1143980
Ion Ratio Lower Upper
128 100
129 11.3 8.6 13.0
127 13.6 10.8 16.2

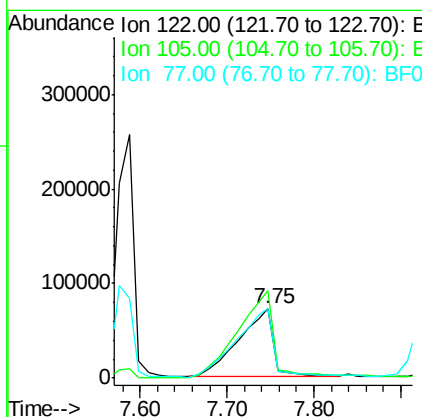
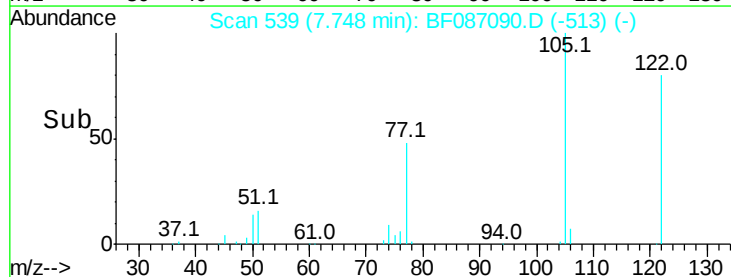
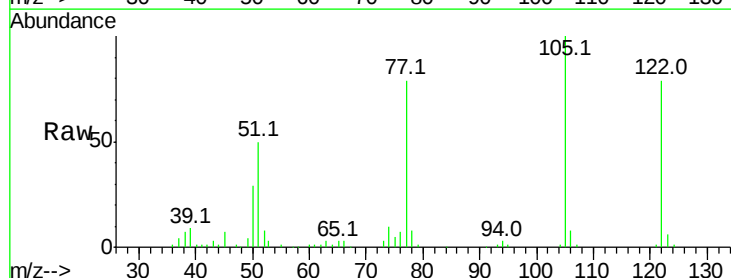
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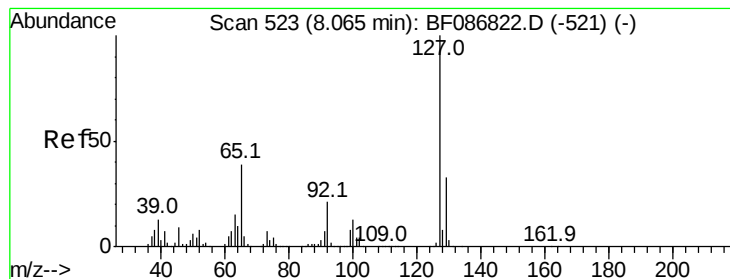
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#32
Benzoic acid
Concen: 44.32 ng
RT: 7.75 min Scan# 539
Delta R.T. 0.00 min
Lab File: BF087090.D
Acq: 16 May 2016 19:24

Tgt Ion:122 Resp: 205409
Ion Ratio Lower Upper
122 100
105 126.4 92.6 132.6
77 99.7 60.0 100.0





#33

4-Chloroaniline

Concen: 5.89 ng

RT: 8.00 min Scan# 561

Delta R.T. 0.01 min

Lab File: BF087090.D

Acq: 16 May 2016 19:24

Instrument :

BNA_F

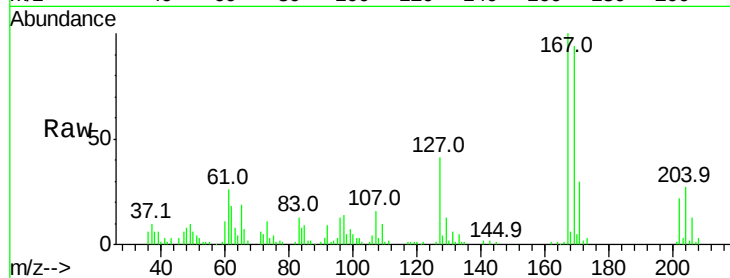
ClientSampleID :

HSR-WC-44-051216MSD

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Tot Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.2	39.4
65	46.0	23.0	34.4
92	20.7	15.1	22.7



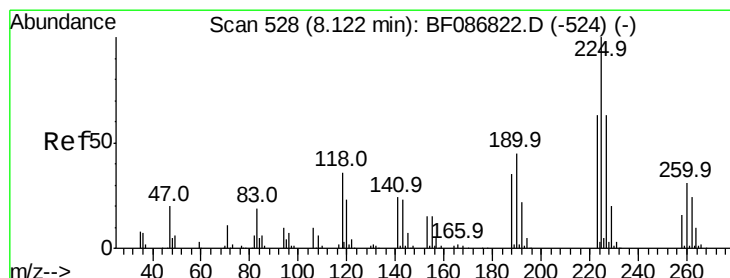
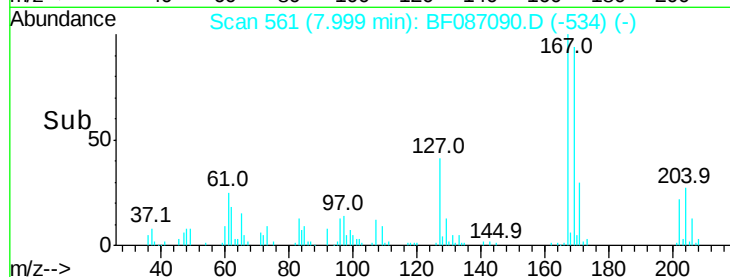
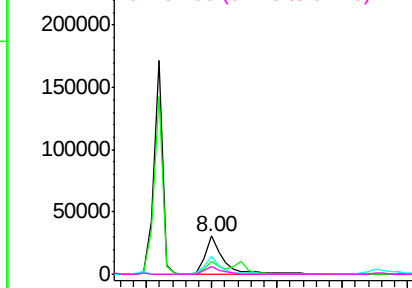
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 41.36 ng

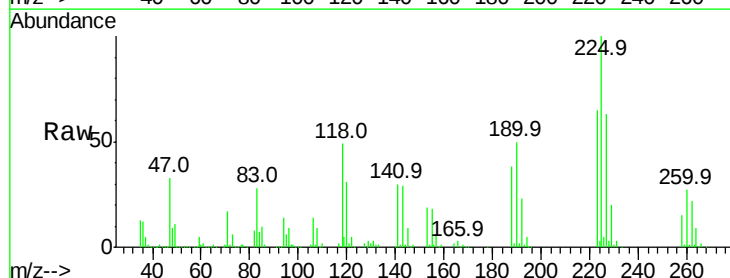
RT: 8.03 min Scan# 564

Delta R.T. 0.00 min

Lab File: BF087090.D

Acq: 16 May 2016 19:24

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.5	51.5	77.3
227	62.9	52.2	78.2

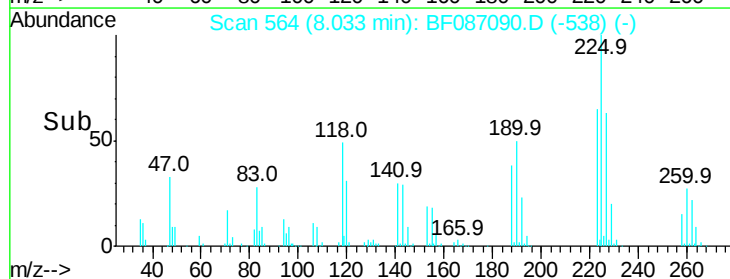
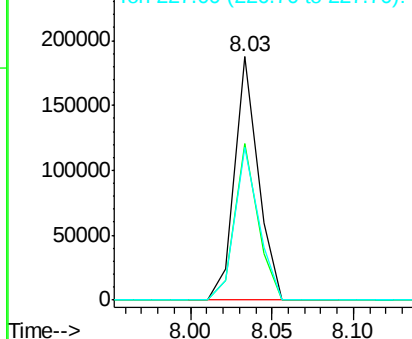


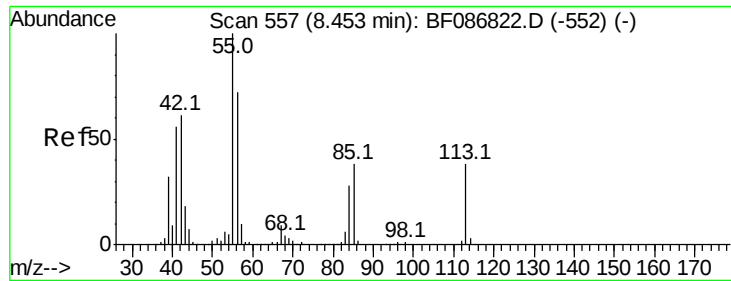
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





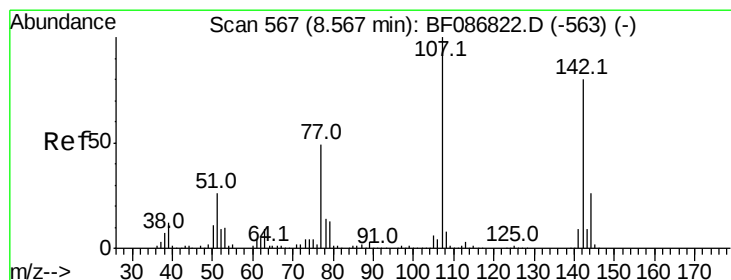
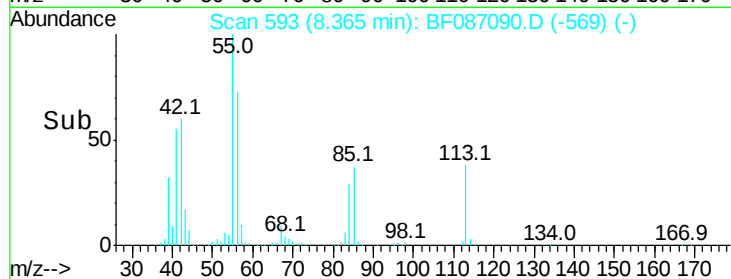
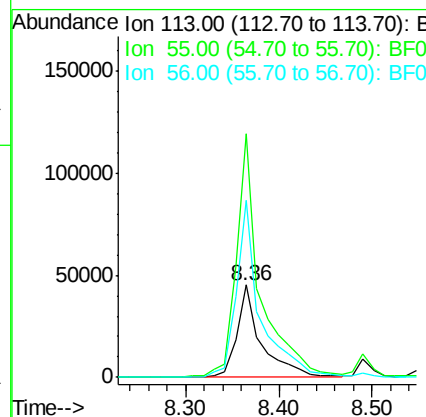
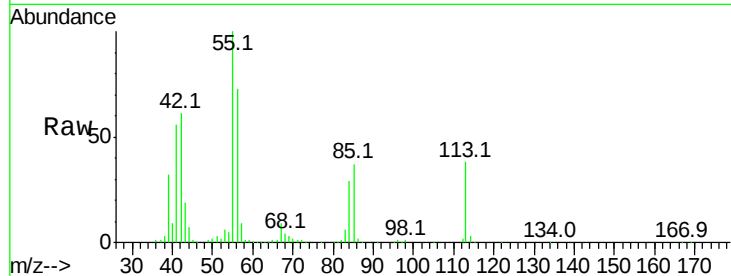
#35
 Caprolactam
 Concen: 35.15 ng
 RT: 8.36 min Scan# 593
 Delta R.T. -0.02 min
 Lab File: BF087090.D
 Acq: 16 May 2016 19:24

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-44-051216MSD

Tot Ion:113 Resp: 83075
 Ion Ratio Lower Upper
 113 100
 55 264.3 162.0 202.0#
 56 192.7 115.3 155.3#

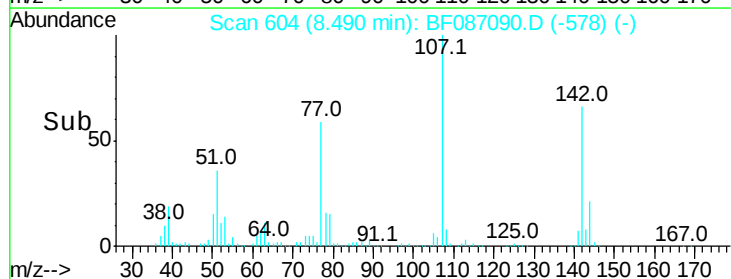
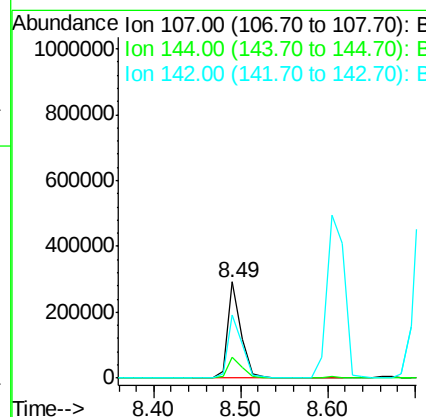
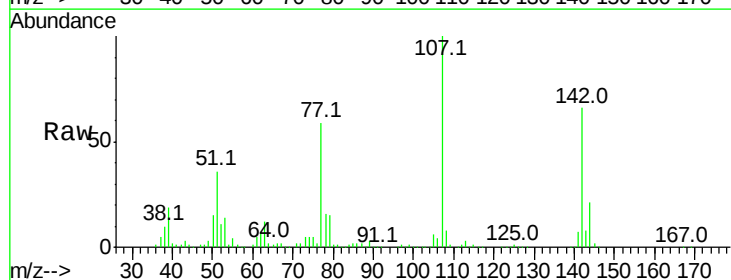
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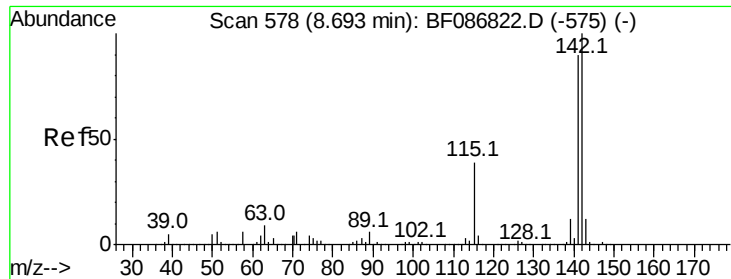
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#36
 4-Chloro-3-methylphenol
 Concen: 37.66 ng
 RT: 8.49 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: BF087090.D
 Acq: 16 May 2016 19:24

Tgt Ion:107 Resp: 317276
 Ion Ratio Lower Upper
 107 100
 144 21.5 20.7 31.1
 142 66.2 63.2 94.8





#37

2-Methylnaphthalene

Concen: 44.59 ng

RT: 8.60 min Scan# 614

Delta R.T. -0.01 min

Lab File: BF087090.D

Acq: 16 May 2016 19:24

Instrument :

BNA_F

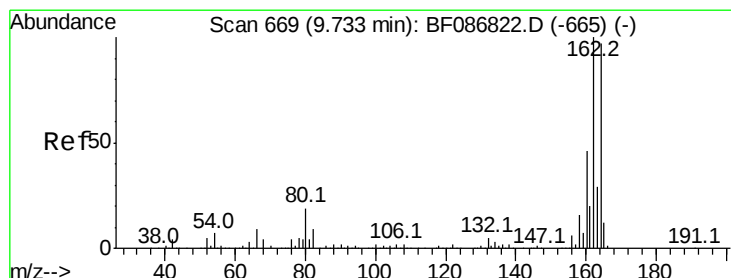
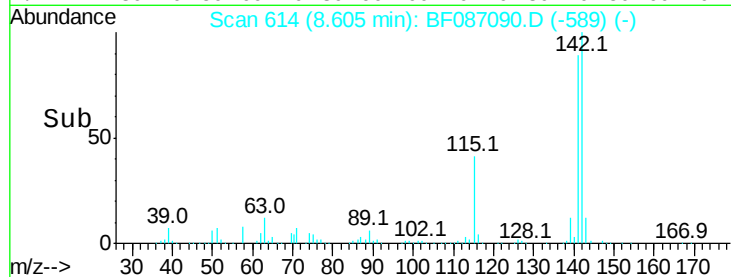
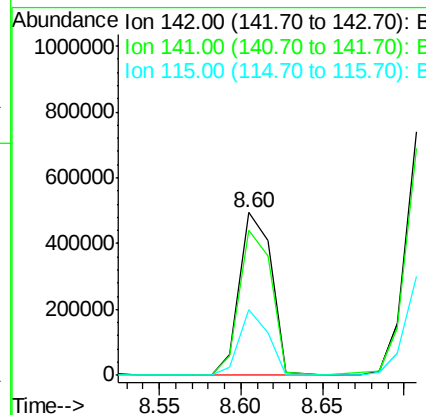
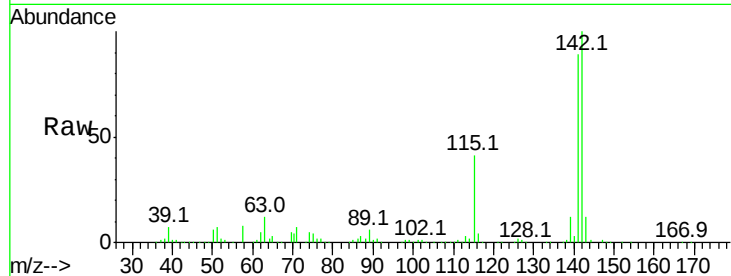
ClientSampleId :

HSR-WC-44-051216MSD

Tot Ion:	142	Resp:	671696
Ion Ratio	Lower	Upper	
142	100		
141	89.2	71.0	106.6
115	40.6	26.6	39.8#

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#38

Acenaphthene-d10

Concen: 20.00 ng

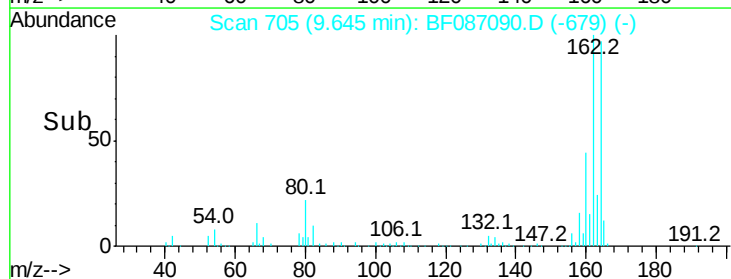
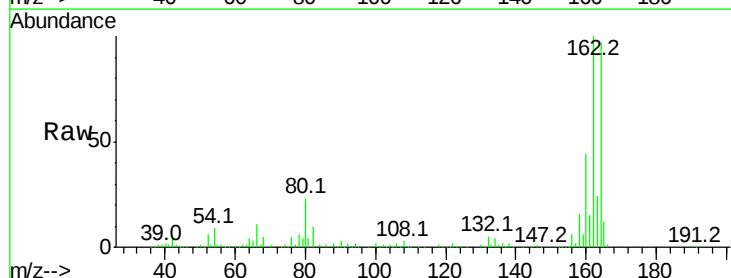
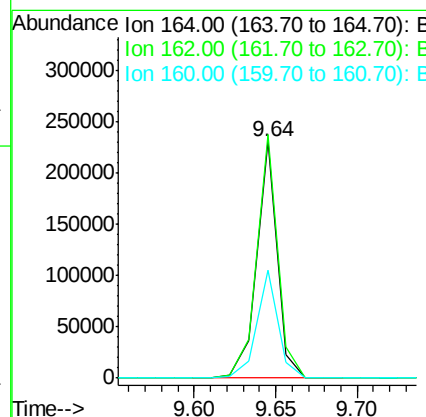
RT: 9.64 min Scan# 705

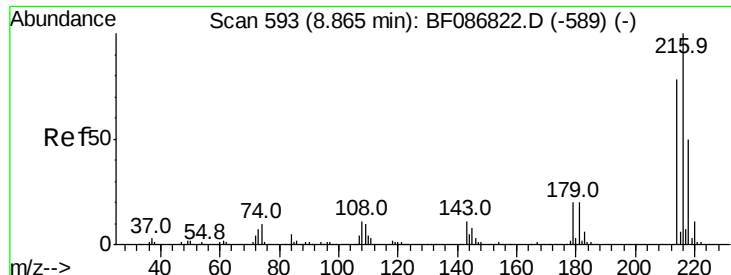
Delta R.T. 0.00 min

Lab File: BF087090.D

Acq: 16 May 2016 19:24

Tgt Ion:	164	Resp:	202493
Ion Ratio	Lower	Upper	
164	100		
162	102.8	82.8	124.2
160	45.4	36.9	55.3





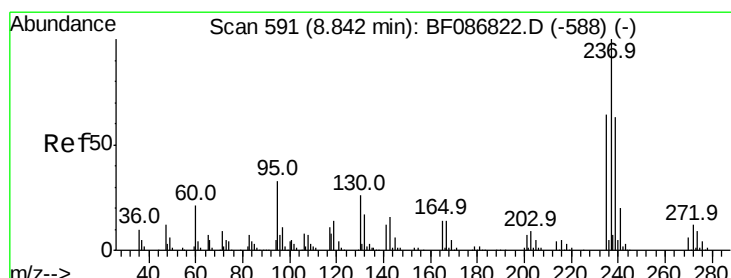
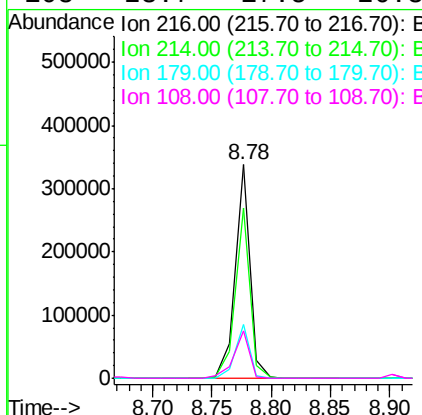
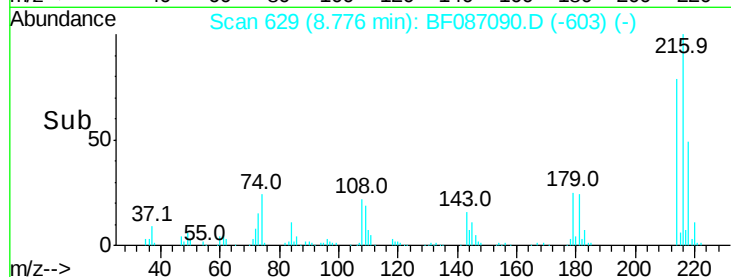
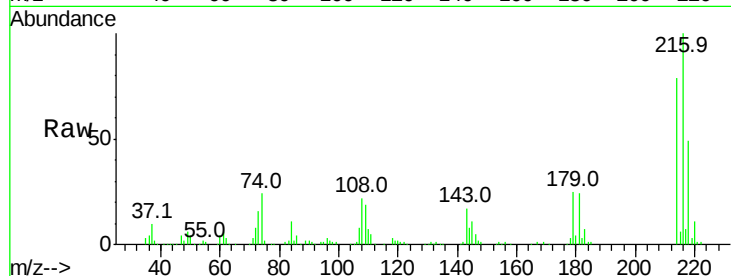
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 49.73 ng
 RT: 8.78 min Scan# 629
 Delta R.T. 0.00 min
 Lab File: BF087090.D
 Acq: 16 May 2016 19:24

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-44-051216MSD

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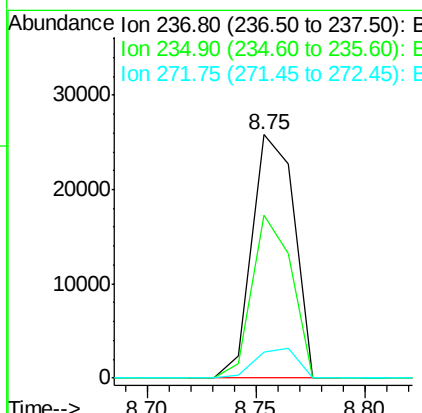
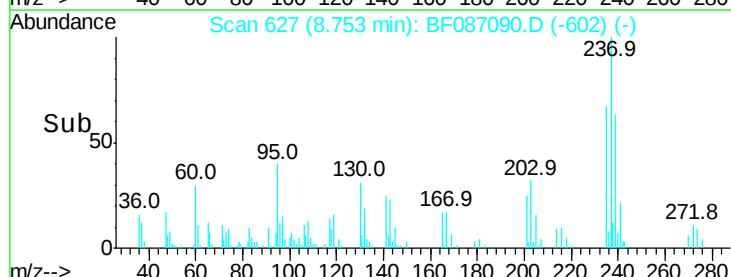
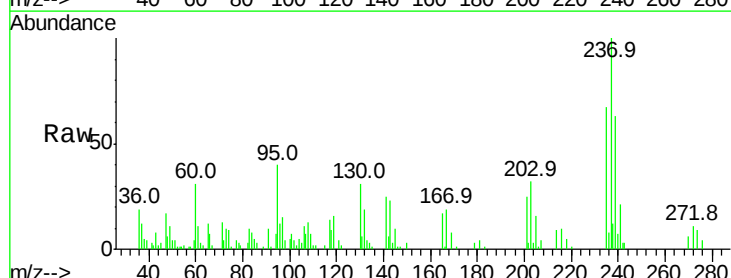
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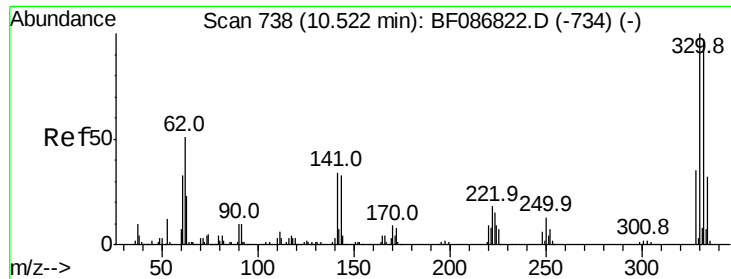
Tot Ion	Ratio	Resp	Lower	Upper
216	100	292788		
214	79.0	62.6	93.8	
179	24.9	18.2	27.4	
108	23.7	17.5	26.3	



#40
 Hexachlorocyclopentadiene
 Concen: 12.47 ng
 RT: 8.75 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF087090.D
 Acq: 16 May 2016 19:24

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	34843		
235	67.2	47.2	87.2	
272	10.9	0.0	31.1	





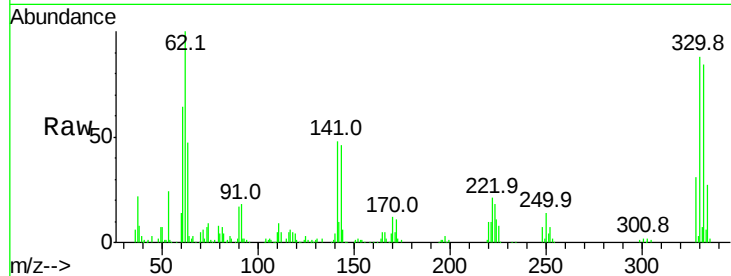
#41
 2,4,6-Tribromophenol
 Concen: 119.25 ng
 RT: 10.43 min Scan# 774
 Delta R.T. -0.01 min
 Lab File: BF087090.D
 Acq: 16 May 2016 19:24

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-44-051216MSD

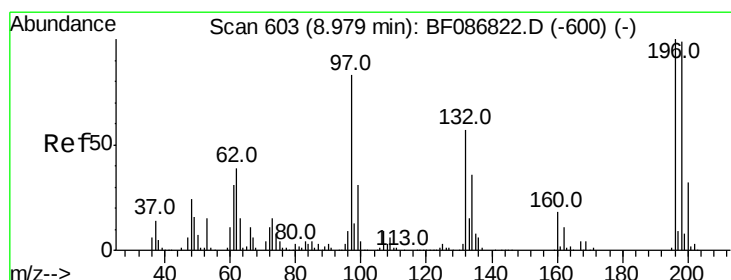
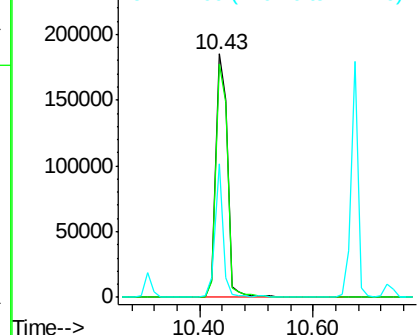
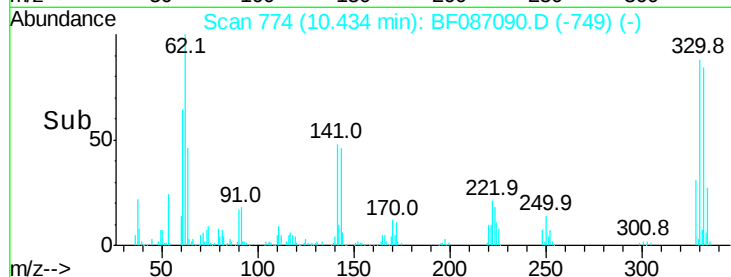
Tot Ion	Ratio	Resp	Lower	Upper
330	100	255635		
332	97.1	79.0	118.4	
141	36.8	31.2	46.8	

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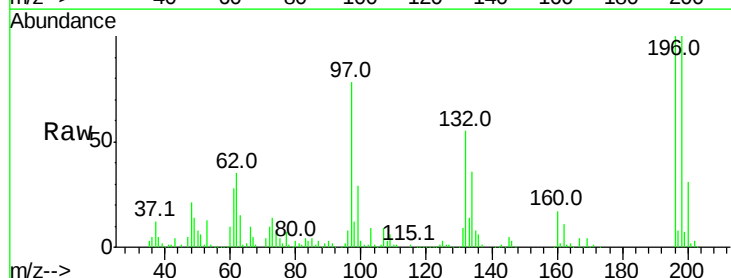


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

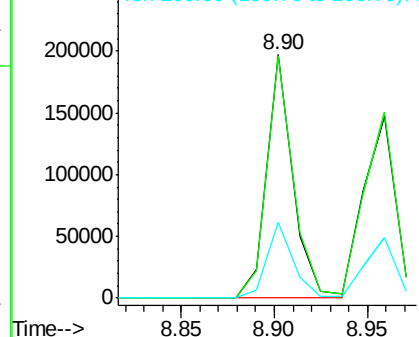
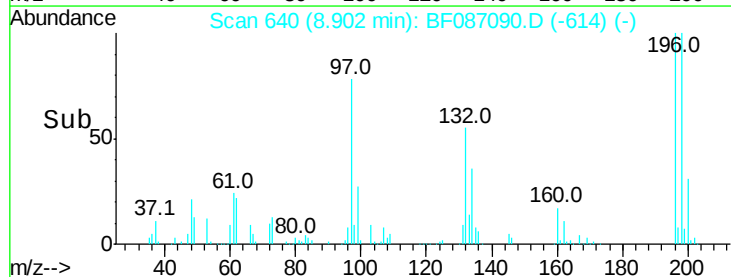


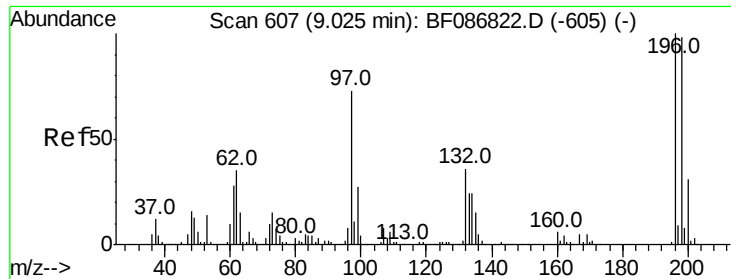
#42
 2,4,6-Trichlorophenol
 Concen: 48.90 ng
 RT: 8.90 min Scan# 640
 Delta R.T. 0.00 min
 Lab File: BF087090.D
 Acq: 16 May 2016 19:24

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	192513		
198	99.6	74.7	112.1	
200	31.0	23.8	35.6	



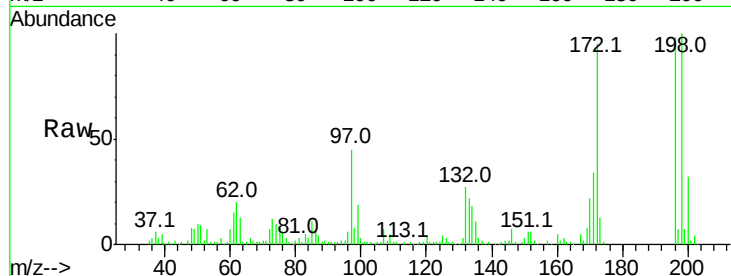
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





#43
 2,4,5-Trichlorophenol
 Concen: 43.93 ng
 RT: 8.96 min Scan# 645
 Delta R.T. 0.01 min
 Lab File: BF087090.D
 Acq: 16 May 2016 19:24

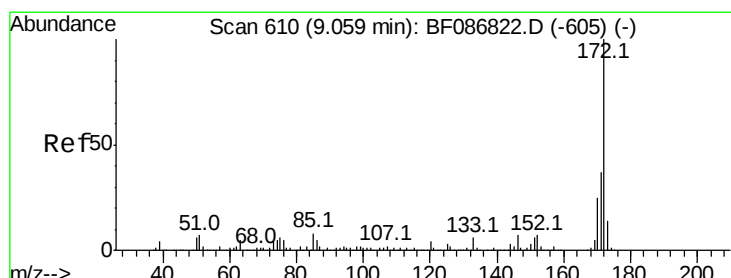
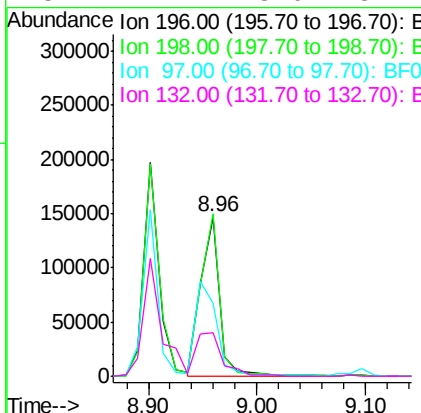
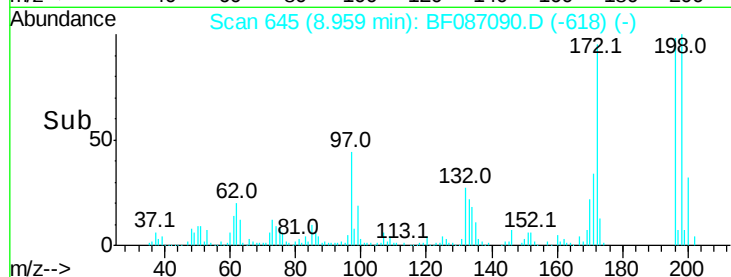
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-44-051216MSD



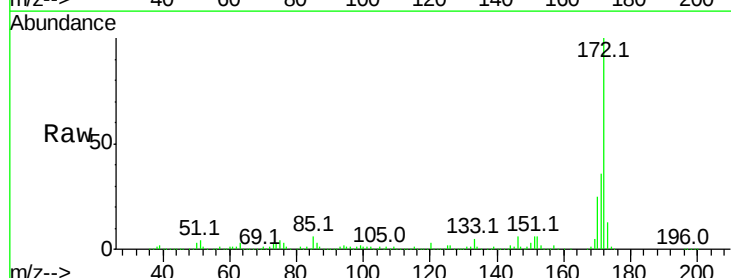
Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		178845		
198	102.3	77.5	116.3		
97	45.7	34.8	52.2		
132	27.4	23.0	34.4		

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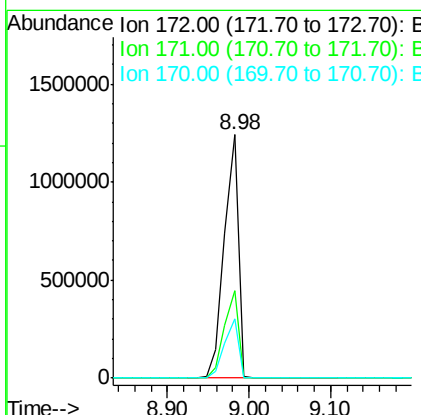
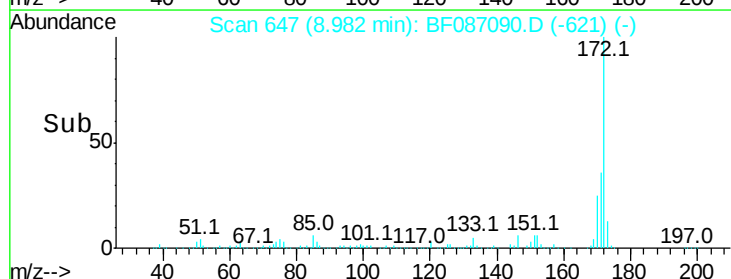
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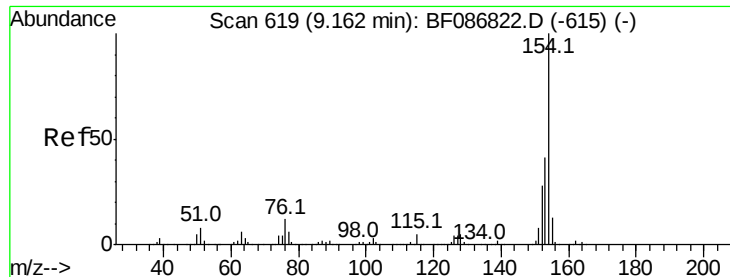


#44
 2-Fluorobiphenyl
 Concen: 122.58 ng
 RT: 8.98 min Scan# 647
 Delta R.T. 0.00 min
 Lab File: BF087090.D
 Acq: 16 May 2016 19:24



Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1476885		
171	36.1	29.0	43.6		
170	24.6	19.8	29.8		





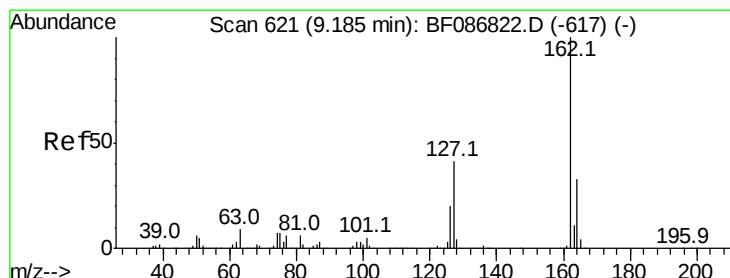
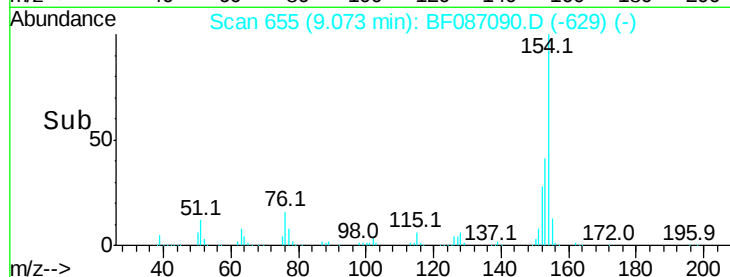
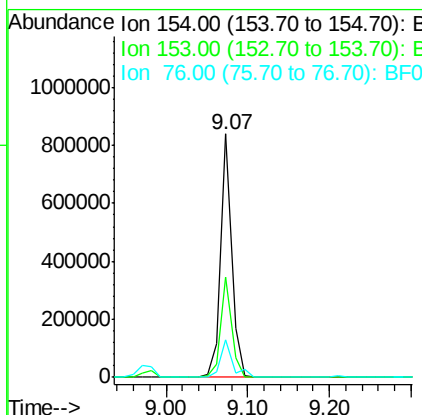
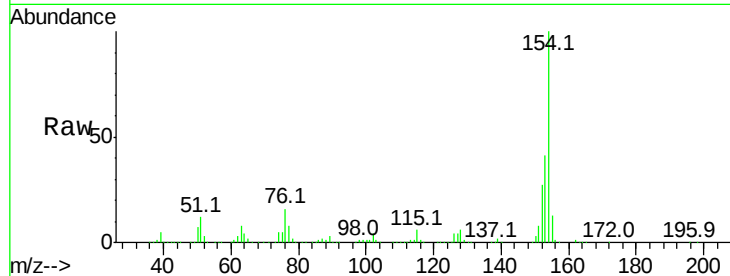
#45
 1,1'-Biphenyl
 Concen: 48.97 ng
 RT: 9.07 min Scan# 655
 Delta R.T. 0.00 min
 Lab File: BF087090.D
 Acq: 16 May 2016 19:24

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-44-051216MSD

Tot Ion:	154	Resp:	788732
Ion Ratio	Lower	Upper	
154	100		
153	40.9	20.3	60.3
76	15.6	0.0	30.2

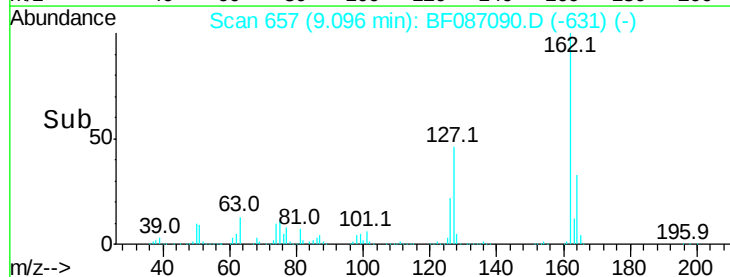
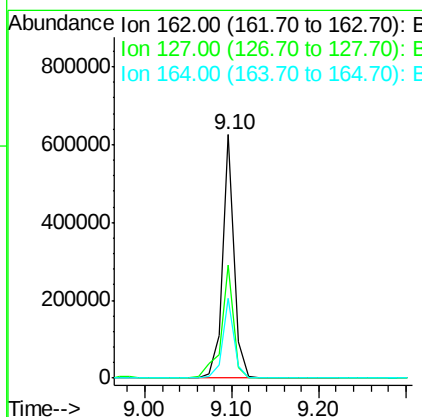
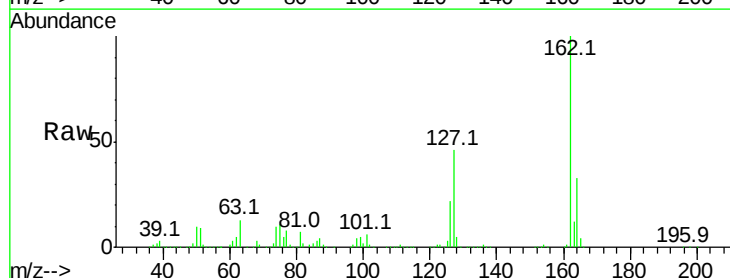
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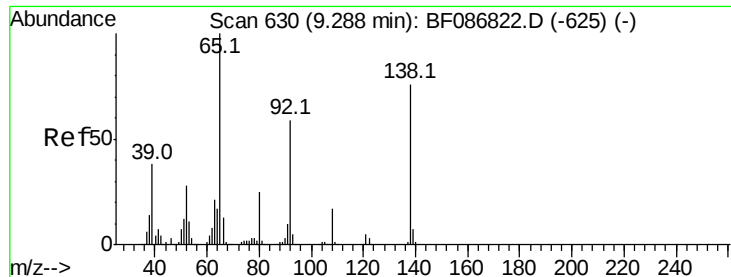
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#46
 2-Chloronaphthalene
 Concen: 46.04 ng
 RT: 9.10 min Scan# 657
 Delta R.T. 0.00 min
 Lab File: BF087090.D
 Acq: 16 May 2016 19:24

Tgt Ion:	162	Resp:	580995
Ion Ratio	Lower	Upper	
162	100		
127	46.4	31.8	47.6
164	33.0	27.0	40.6





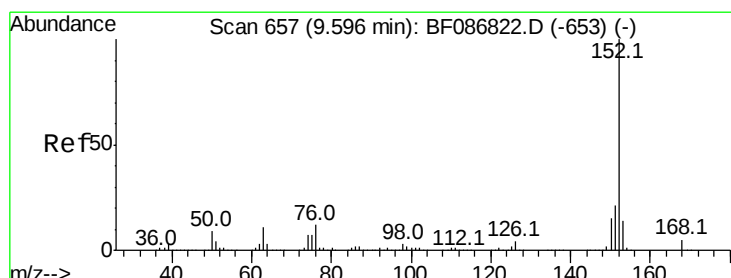
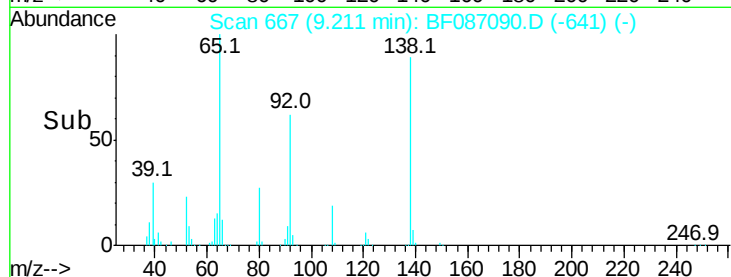
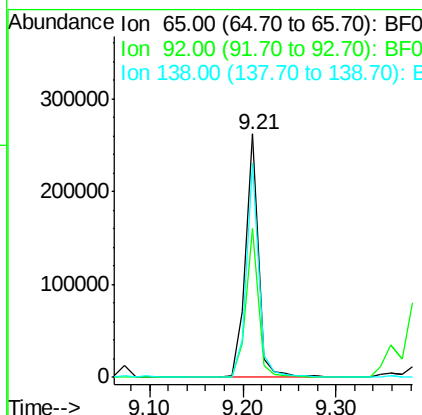
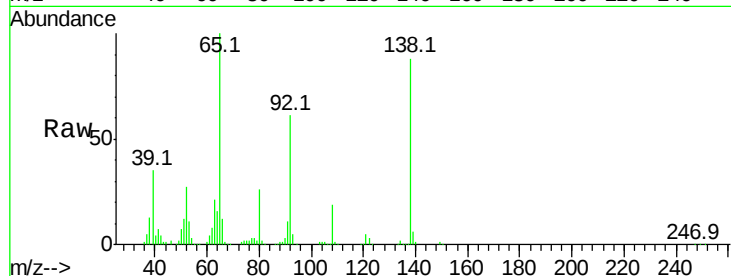
#47
 2-Nitroaniline
 Concen: 55.09 ng
 RT: 9.21 min Scan# 667
 Delta R.T. 0.00 min
 Lab File: BF087090.D
 Acq: 16 May 2016 19:24

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-44-051216MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	61.2	57.4	86.2
138	87.8	90.1	135.1#

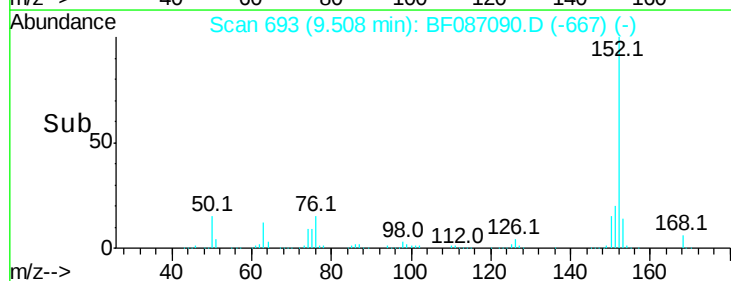
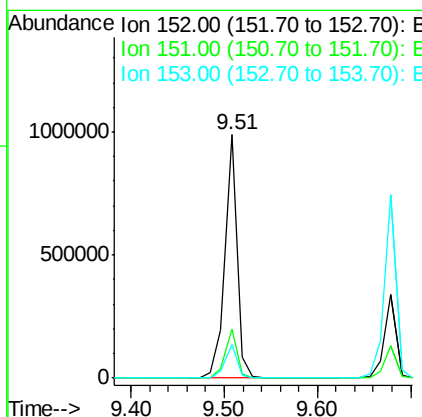
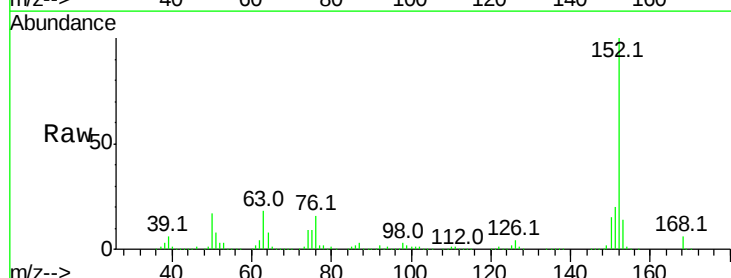
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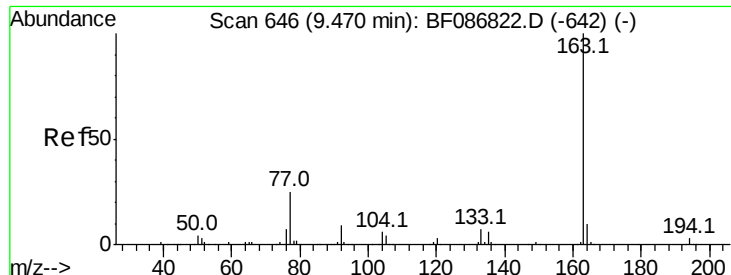
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#48
 Acenaphthylene
 Concen: 47.81 ng
 RT: 9.51 min Scan# 693
 Delta R.T. 0.00 min
 Lab File: BF087090.D
 Acq: 16 May 2016 19:24

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.8	25.2
153	13.9	10.9	16.3





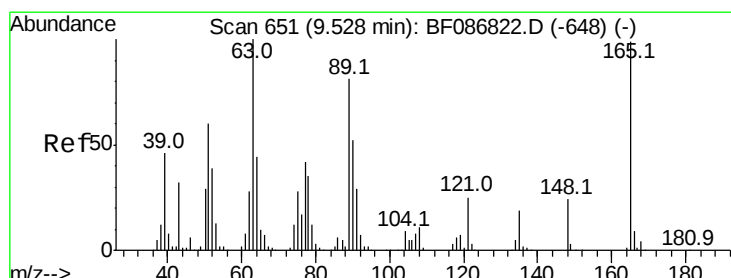
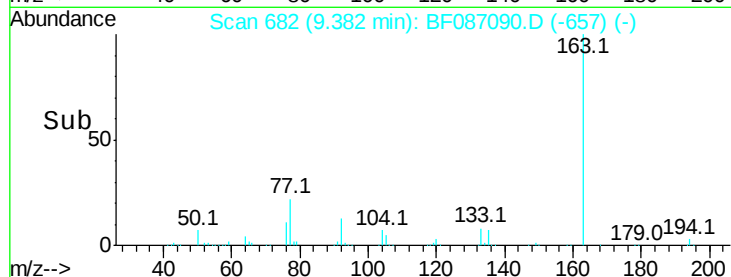
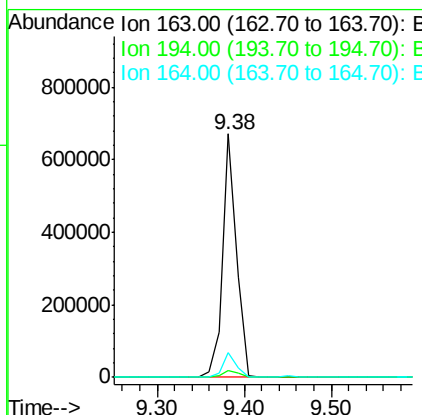
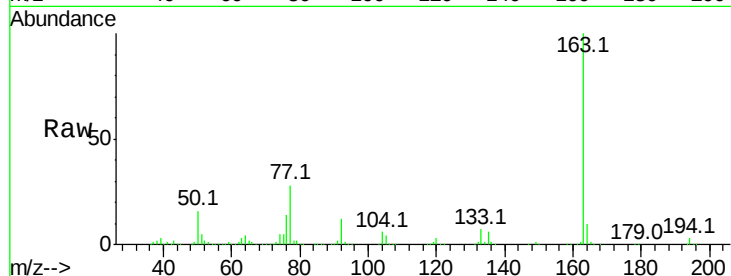
#49
Dimethylphthalate
Concen: 48.67 ng
RT: 9.38 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF087090.D
Acq: 16 May 2016 19:24

Instrument :
BNA_F
ClientSampleId :
HSR-WC-44-051216MSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	751895		
194	2.9		2.6	4.0
164	10.3		8.2	12.4

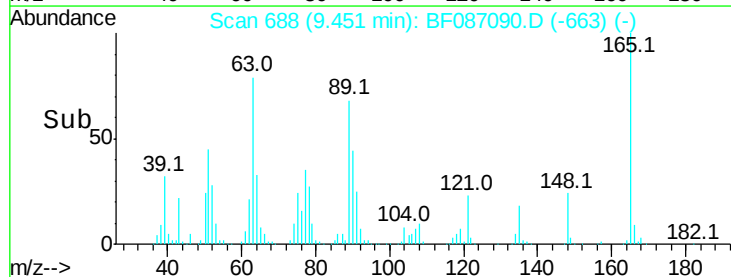
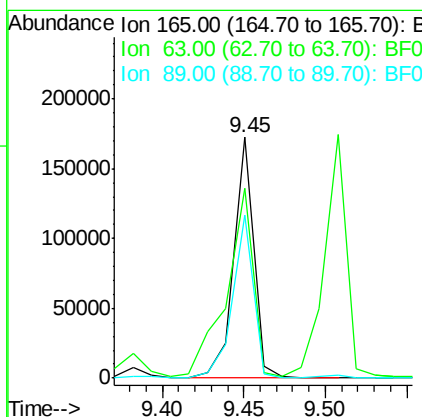
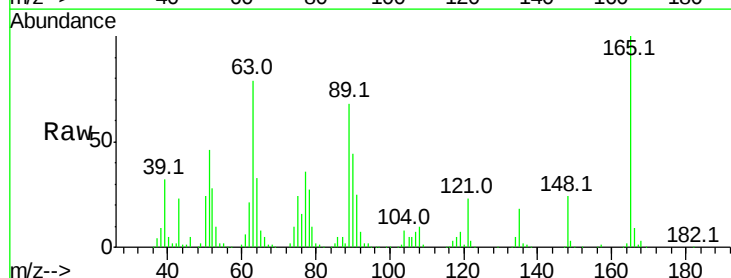
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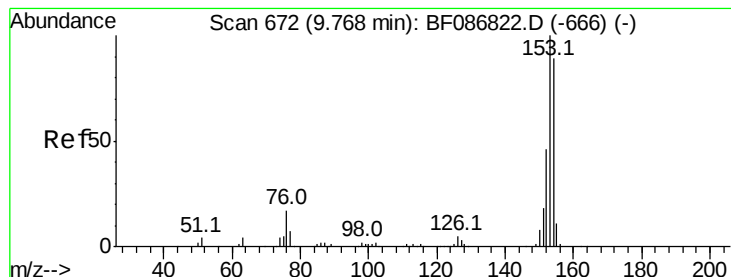
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#50
2,6-Dinitrotoluene
Concen: 44.62 ng
RT: 9.45 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF087090.D
Acq: 16 May 2016 19:24

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	145071		
63	79.0		51.8	77.8#
89	67.9		50.7	76.1





#51

Acenaphthene

Concen: 49.86 ng

RT: 9.68 min Scan# 708

Delta R.T. 0.00 min

Lab File: BF087090.D

Acq: 16 May 2016 19:24

Instrument :

BNA_F

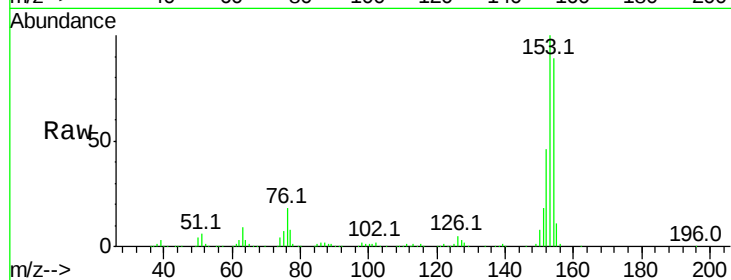
ClientSampleId :

HSR-WC-44-051216MSD

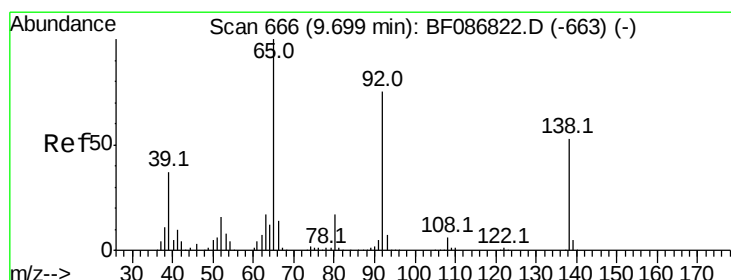
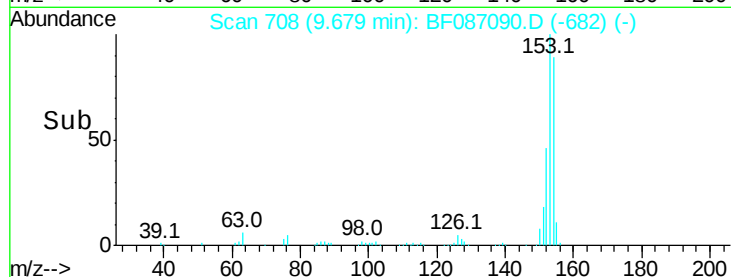
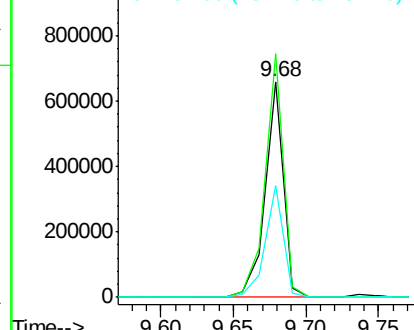
Tot Ion:	154	Resp:	575644
Ion Ratio	Lower	Upper	
154	100		
153	112.8	89.8	134.6
152	51.8	43.4	65.0

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Abundance Ion 154.00 (153.70 to 154.70): E



#52

3-Nitroaniline

Concen: 12.35 ng

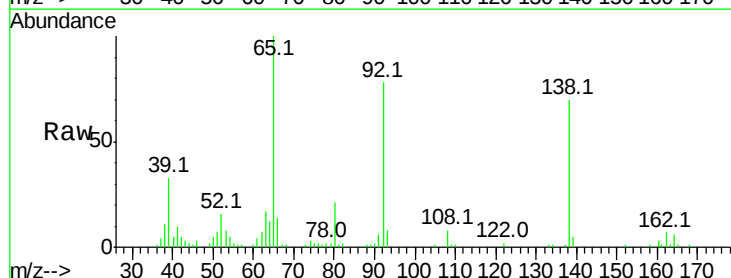
RT: 9.62 min Scan# 703

Delta R.T. -0.01 min

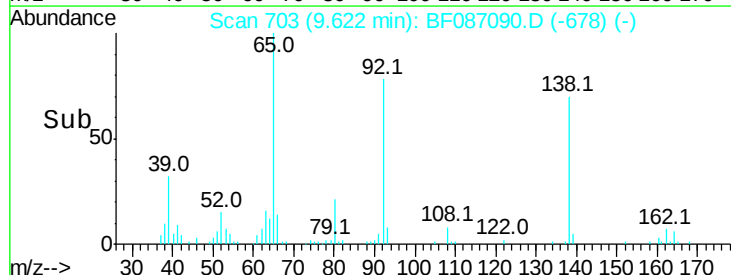
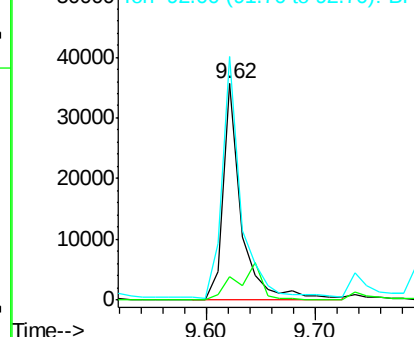
Lab File: BF087090.D

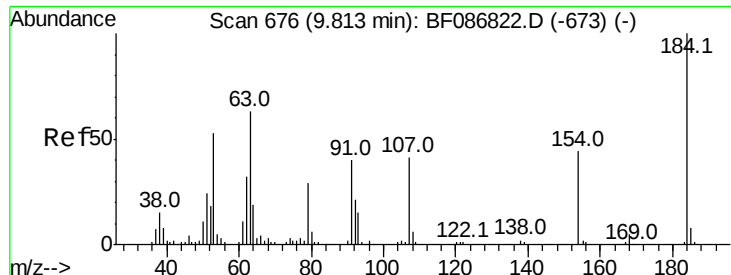
Acq: 16 May 2016 19:24

Tgt Ion:	138	Resp:	42255
Ion Ratio	Lower	Upper	
138	100		
108	10.9	7.8	11.6
92	112.4	87.8	131.8



Abundance Ion 138.00 (137.70 to 138.70): E





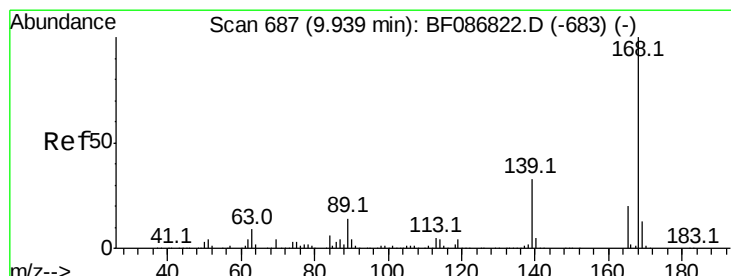
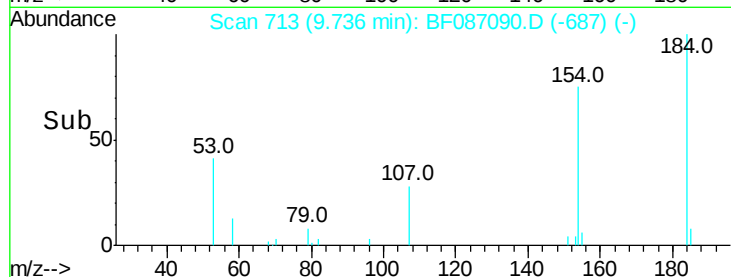
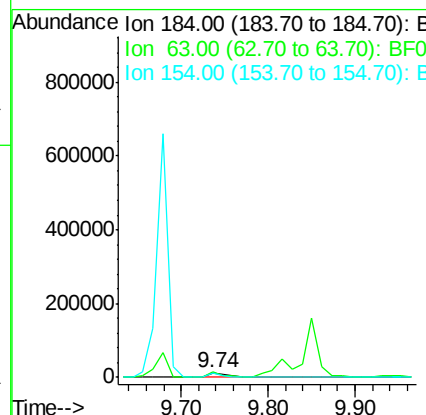
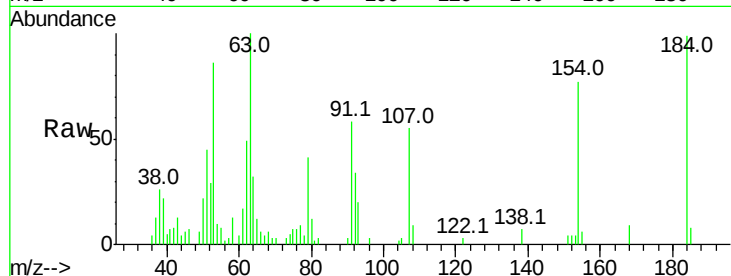
#53
 2,4-Dinitrophenol
 Concen: 20.00 ng
 RT: 9.74 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: BF087090.D
 Acq: 16 May 2016 19:24

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-44-051216MSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	100.7	55.8	83.8#
154	77.4	62.4	93.6

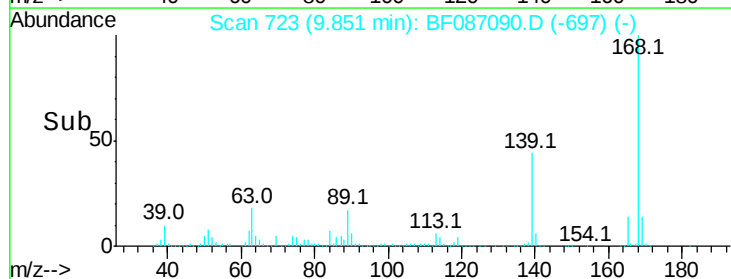
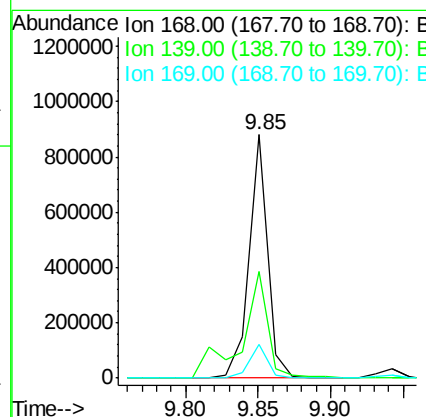
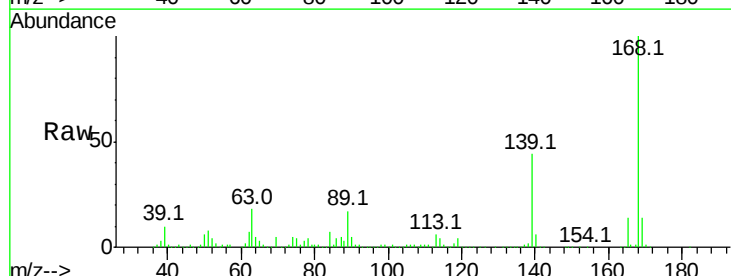
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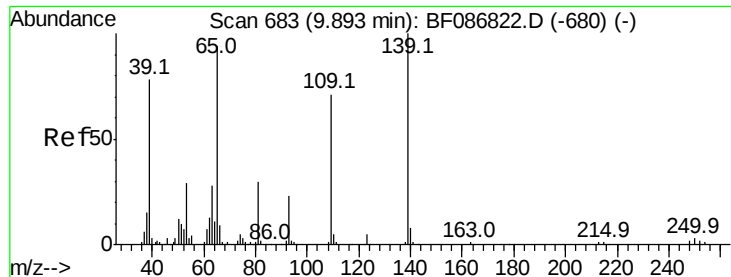
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#54
 Dibenzofuran
 Concen: 52.61 ng
 RT: 9.85 min Scan# 723
 Delta R.T. 0.00 min
 Lab File: BF087090.D
 Acq: 16 May 2016 19:24

Tgt Ion	Ratio	Lower	Upper
168	100		
139	43.9	31.4	47.0
169	13.8	10.7	16.1





#55

4-Nitrophenol

Concen: 54.78 ng/mL

RT: 9.82 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF087090.D

Acq: 16 May 2016 19:24

Instrument :

BNA_F

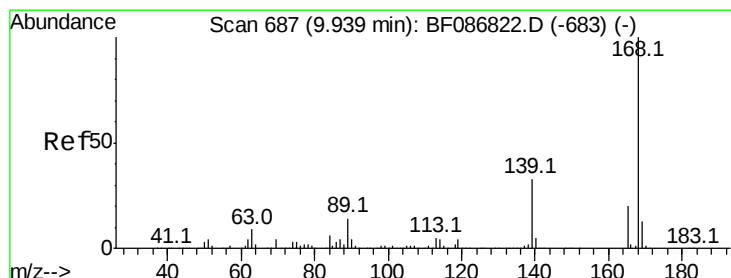
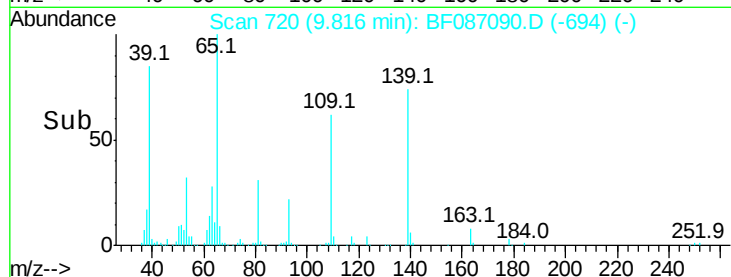
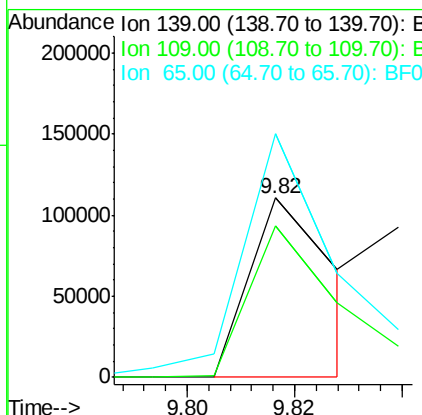
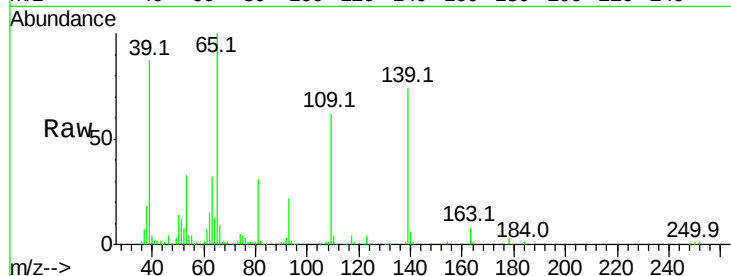
ClientSampleId :

HSR-WC-44-051216MSD

Tot Ion:139	Resp:	121543
Ion Ratio	Lower	Upper
139	100	
109	84.4	36.9 76.9#
65	135.6	64.0 104.0#

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#56

2,4-Dinitrotoluene

Concen: 37.14 ng/mL

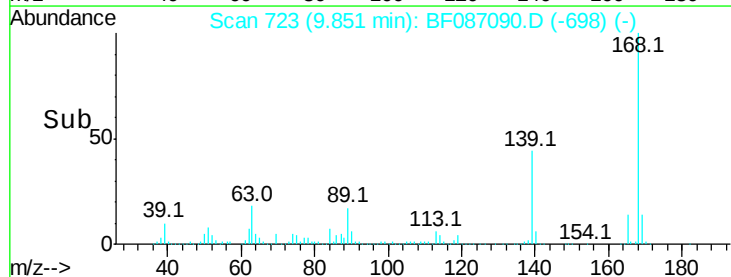
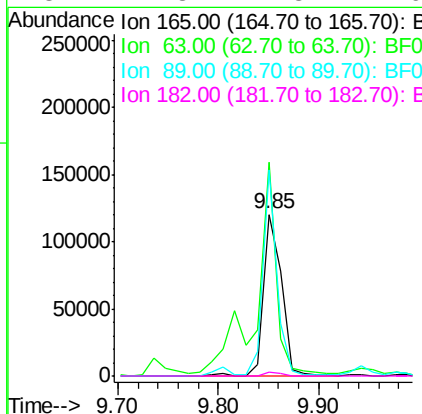
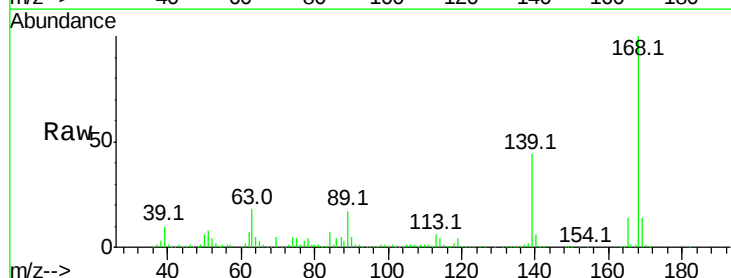
RT: 9.85 min Scan# 723

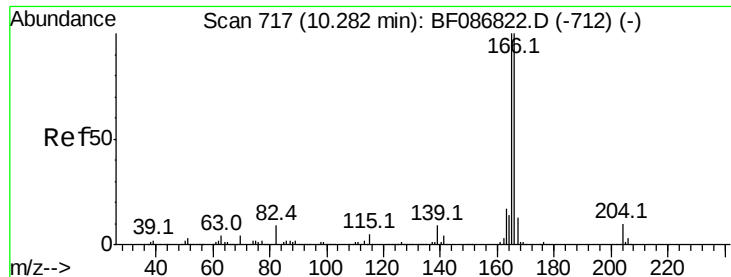
Delta R.T. -0.01 min

Lab File: BF087090.D

Acq: 16 May 2016 19:24

Tgt Ion:165	Resp:	149442
Ion Ratio	Lower	Upper
165	100	
63	132.2	44.3 66.5#
89	127.7	70.0 105.0#
182	2.3	1.8 2.6





#57

Fluorene

Concen: 48.52 ng

RT: 10.19 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF087090.D

Acq: 16 May 2016 19:24

Instrument :

BNA_F

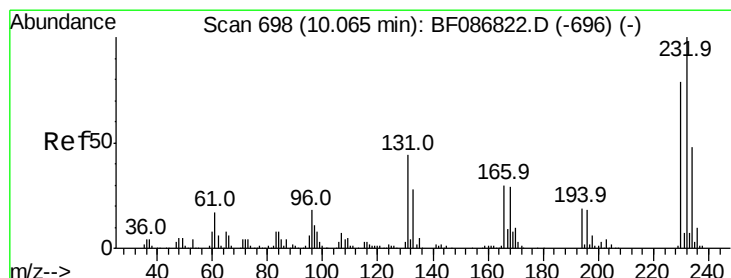
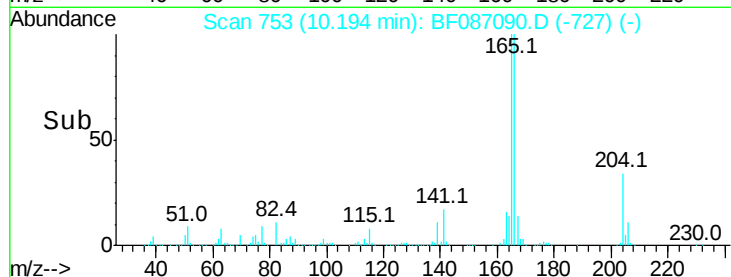
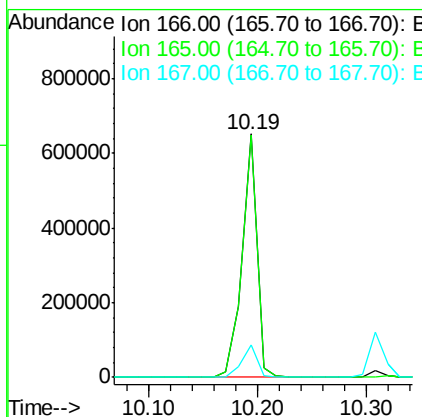
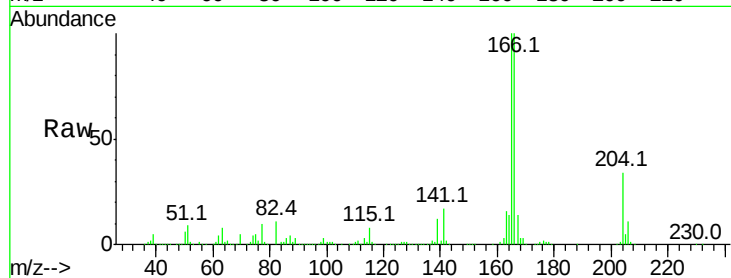
ClientSampleId :

HSR-WC-44-051216MSD

Tot Ion:	166	Resp:	613285
Ion Ratio	Lower	Upper	
166	100		
165	99.7	79.0	118.6
167	13.5	10.6	15.8

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#58

2,3,4,6-Tetrachlorophenol

Concen: 47.37 ng

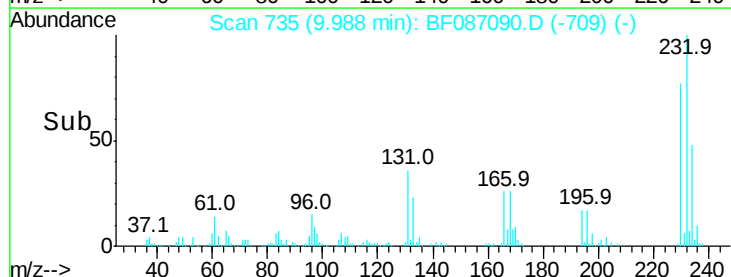
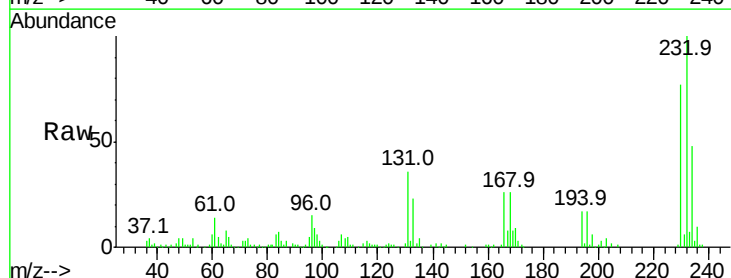
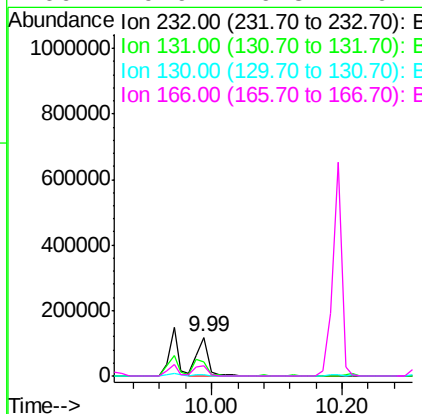
RT: 9.99 min Scan# 735

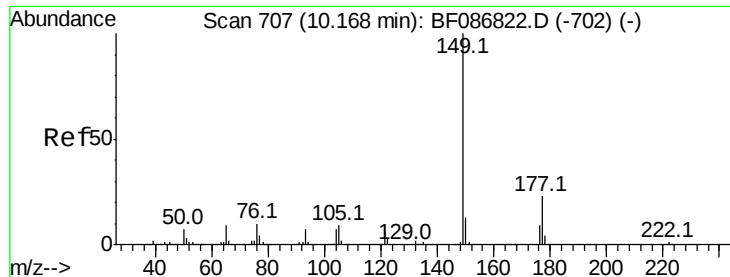
Delta R.T. 0.00 min

Lab File: BF087090.D

Acq: 16 May 2016 19:24

Tgt Ion:	232	Resp:	145195
Ion Ratio	Lower	Upper	
232	100		
131	49.5	41.9	62.9
130	0.0	2.2	3.4#
166	29.9	26.8	40.2





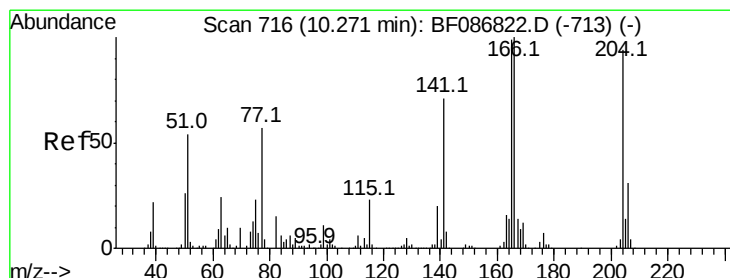
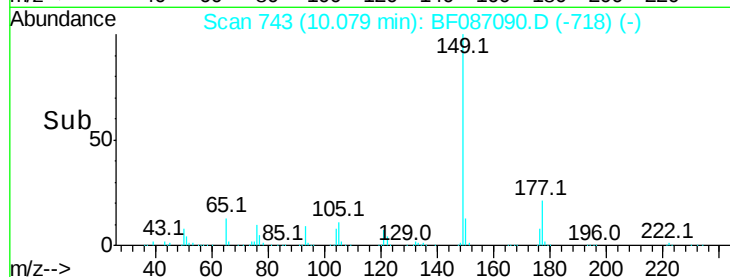
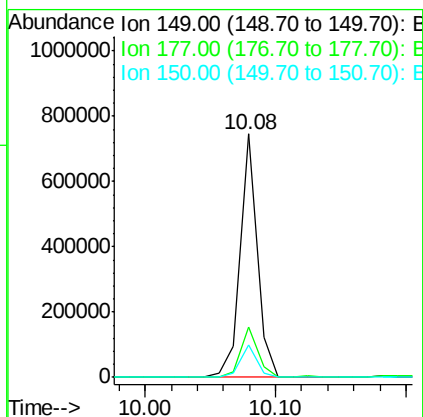
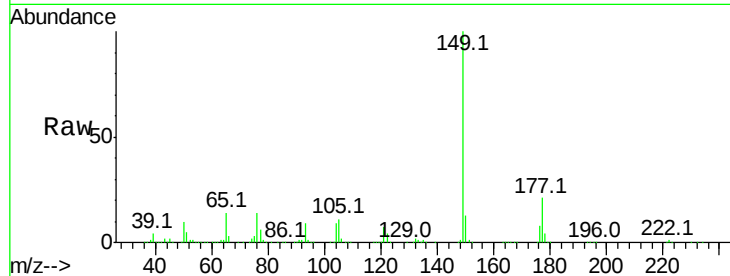
#59
Diethylphthalate
Concen: 44.60 ng
RT: 10.08 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF087090.D
Acq: 16 May 2016 19:24

Instrument :
BNA_F
ClientSampleId :
HSR-WC-44-051216MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	671470		
177	20.6	16.6	24.8	
150	13.1	10.0	15.0	

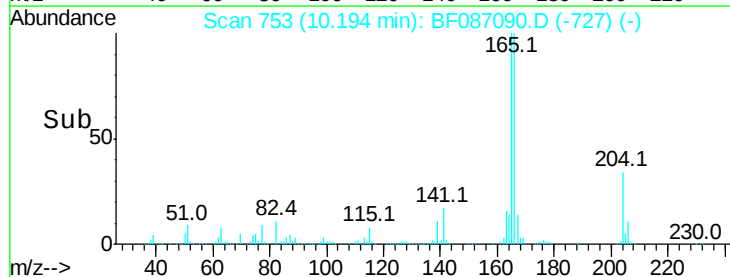
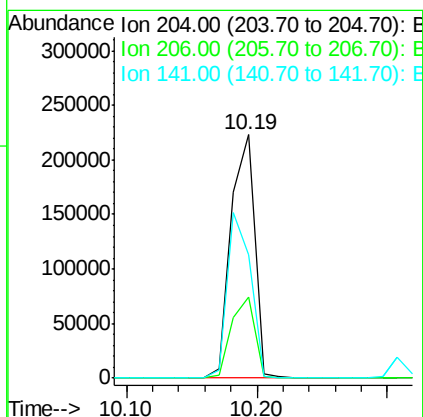
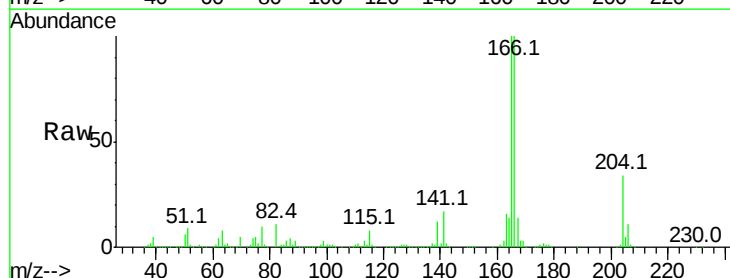
Manual Integrations
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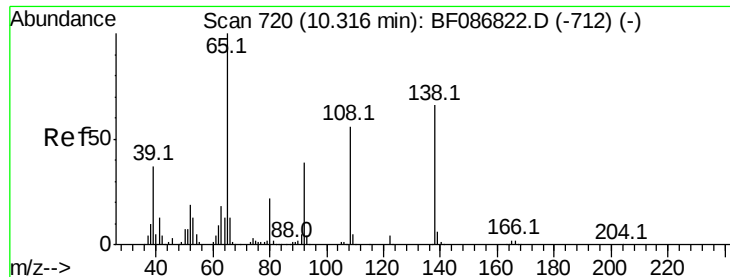
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#60
4-Chlorophenyl-phenylether
Concen: 53.27 ng
RT: 10.19 min Scan# 753
Delta R.T. 0.00 min
Lab File: BF087090.D
Acq: 16 May 2016 19:24

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	279895		
206	33.3	25.4	38.0	
141	50.7	61.6	92.4#	





#61

4-Nitroaniline

Concen: 33.25 ng

RT: 10.23 min Scan# 756

Delta R.T. -0.02 min

Lab File: BF087090.D

Acq: 16 May 2016 19:24

Instrument :

BNA_F

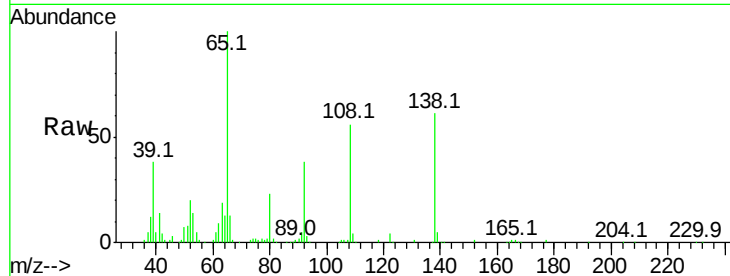
ClientSampleId :

HSR-WC-44-051216MSD

Tot Ion:	138	Resp:	109299
Ion Ratio	Lower	Upper	
138	100		
92	62.1	24.7	64.7
108	91.7	37.4	77.4#

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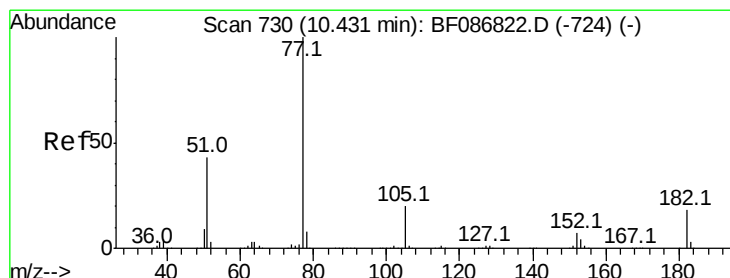
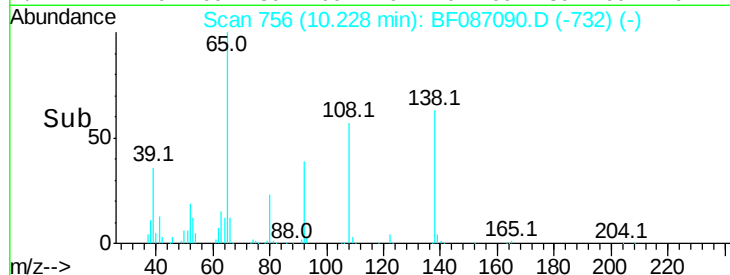
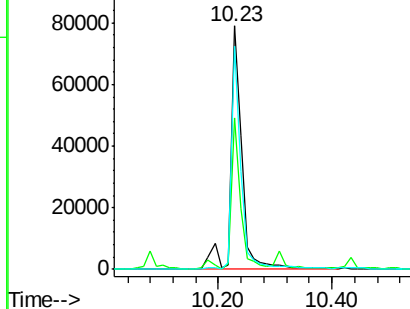
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 40.01 ng

RT: 10.34 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF087090.D

Acq: 16 May 2016 19:24

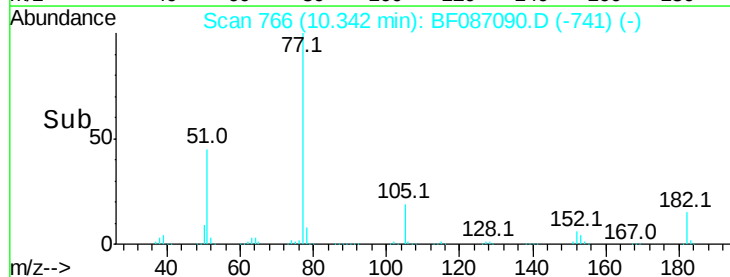
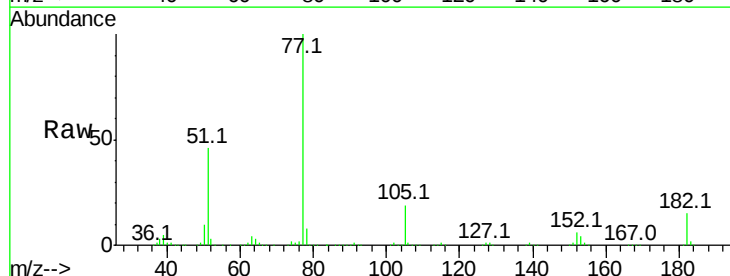
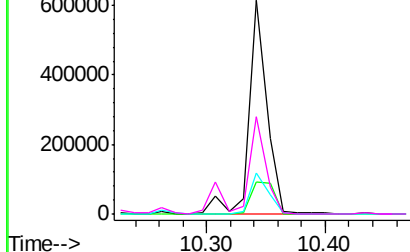
Tgt Ion:	77	Resp:	649890
Ion Ratio	Lower	Upper	
77	100		
182	14.9	0.0	38.8
105	19.1	3.2	43.2
51	45.5	8.8	48.8

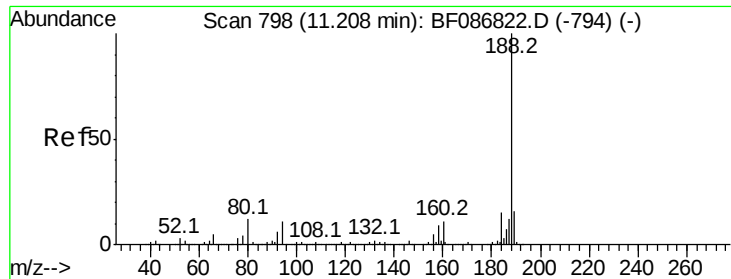
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





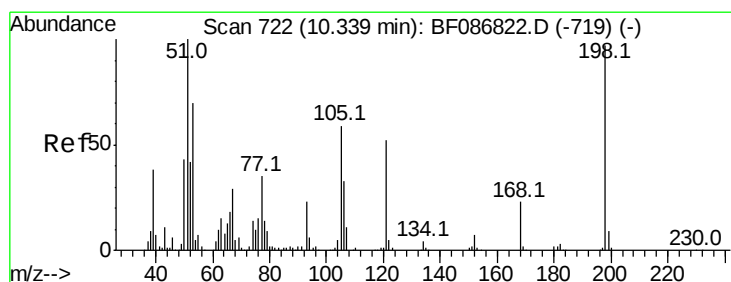
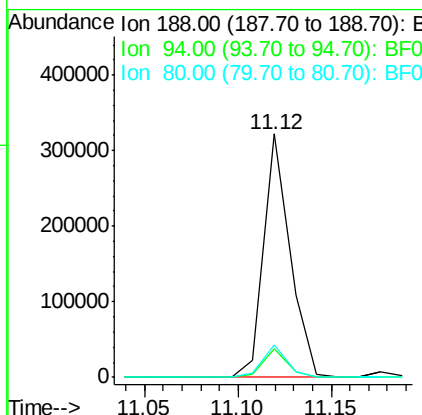
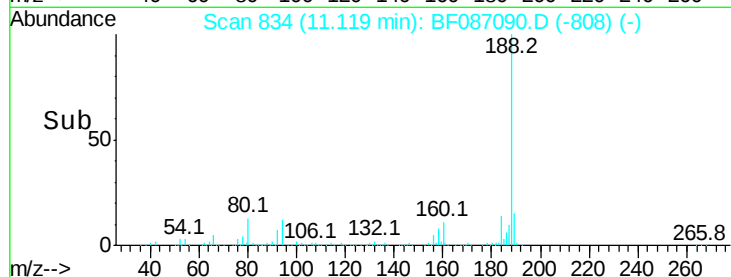
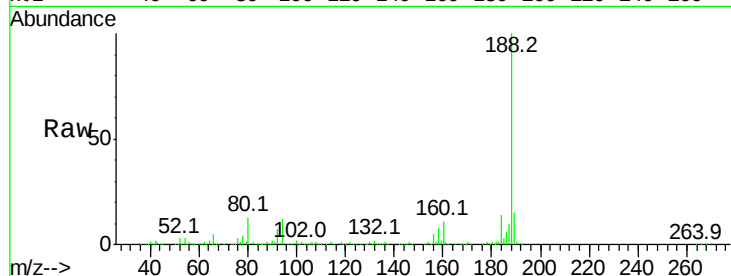
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.12 min Scan# 834
Delta R.T. 0.00 min
Lab File: BF087090.D
Acq: 16 May 2016 19:24

Instrument :
BNA_F
ClientSampleId :
HSR-WC-44-051216MSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	11.7	6.8	10.2#	
80	13.2	7.1	10.7#	

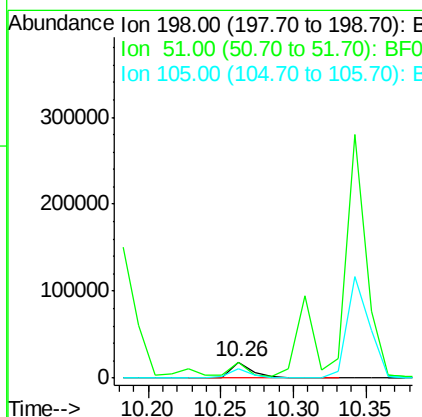
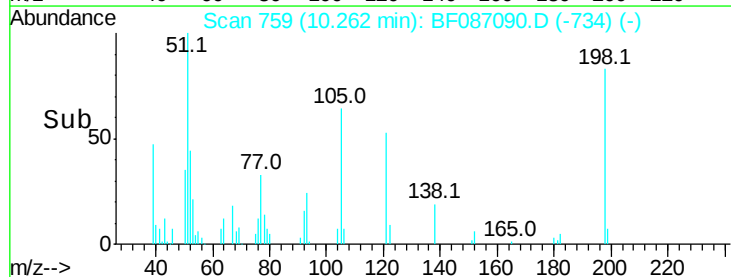
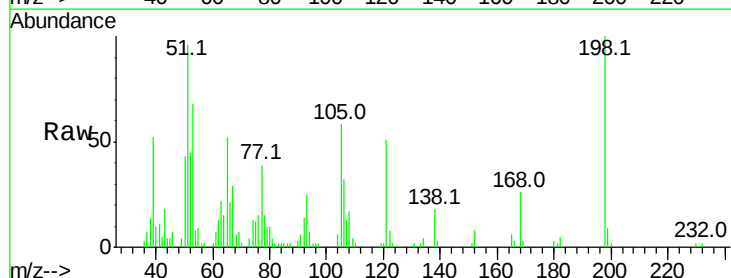
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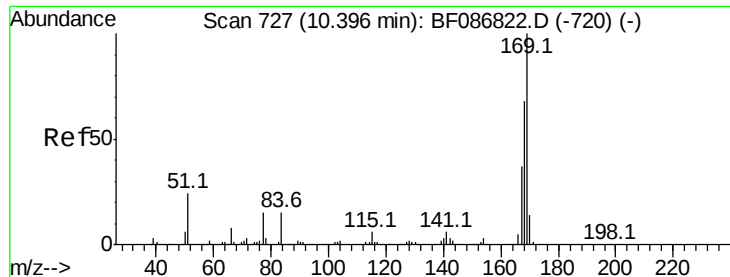
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#64
4,6-Dinitro-2-methylphenol
Concen: 10.11 ng
RT: 10.26 min Scan# 759
Delta R.T. -0.01 min
Lab File: BF087090.D
Acq: 16 May 2016 19:24

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	96.1	20.5	60.5#	
105	57.9	24.5	64.5	





#65

n-Nitrosodiphenylamine

Concen: 31.43 ng

RT: 10.31 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF087090.D

Acq: 16 May 2016 19:24

Instrument :

BNA_F

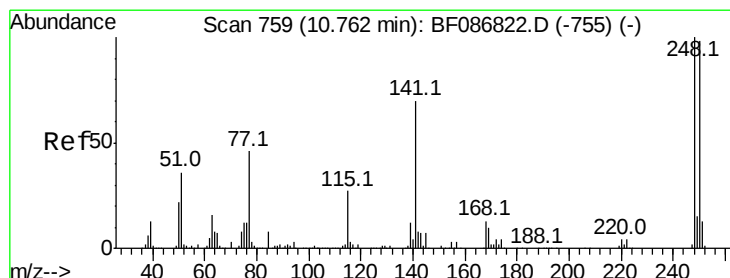
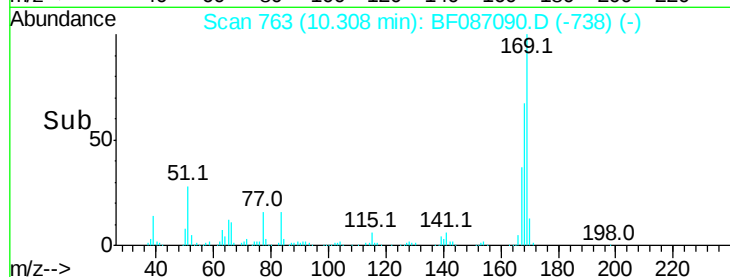
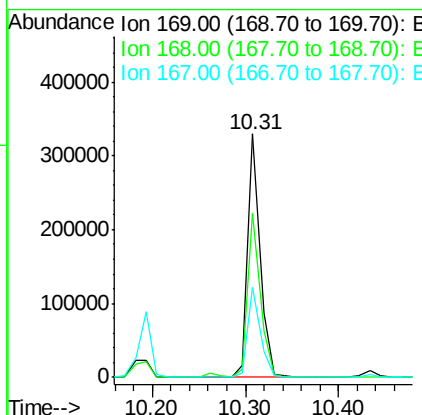
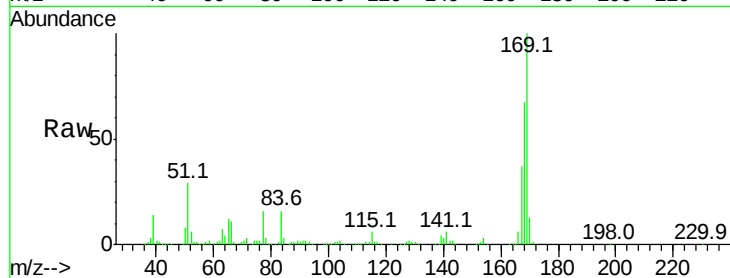
ClientSampleId :

HSR-WC-44-051216MSD

Tot Ion:	169	Resp:	303985
Ion Ratio	Lower	Upper	
169	100		
168	67.4	53.8	80.6
167	37.2	29.5	44.3

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#66

4-Bromophenyl-phenylether

Concen: 53.18 ng

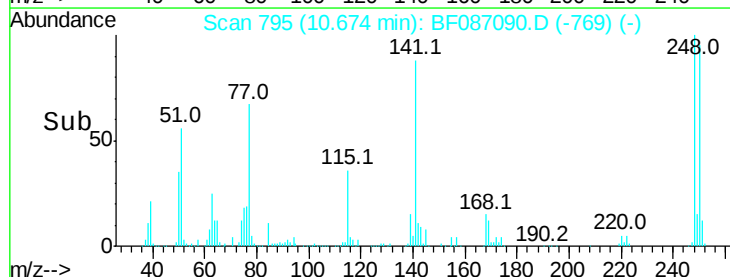
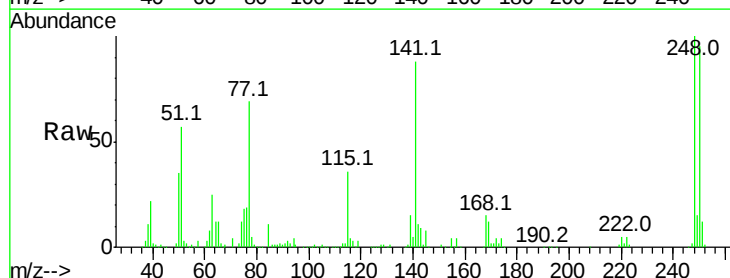
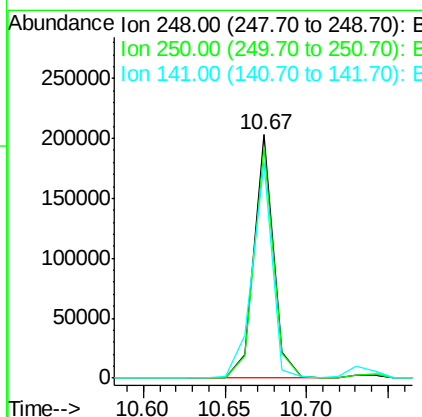
RT: 10.67 min Scan# 795

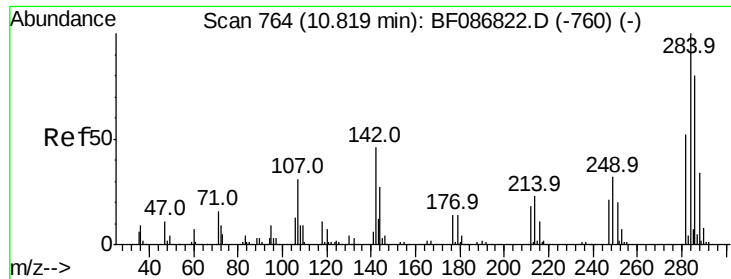
Delta R.T. 0.00 min

Lab File: BF087090.D

Acq: 16 May 2016 19:24

Tgt Ion:	248	Resp:	169771
Ion Ratio	Lower	Upper	
248	100		
250	94.9	78.6	117.8
141	88.4	76.0	114.0





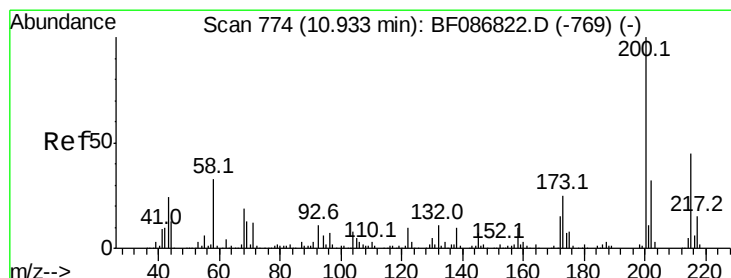
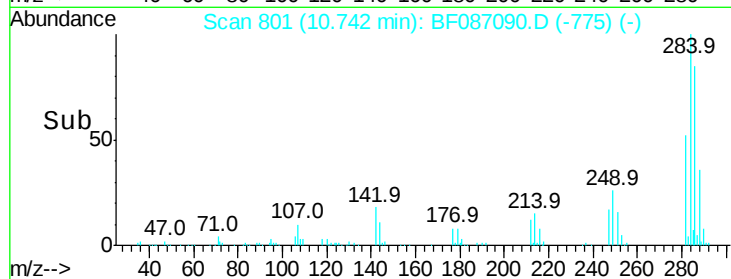
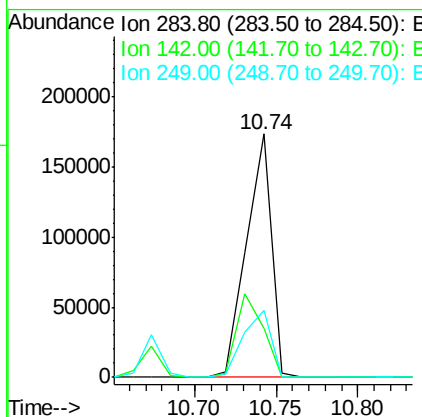
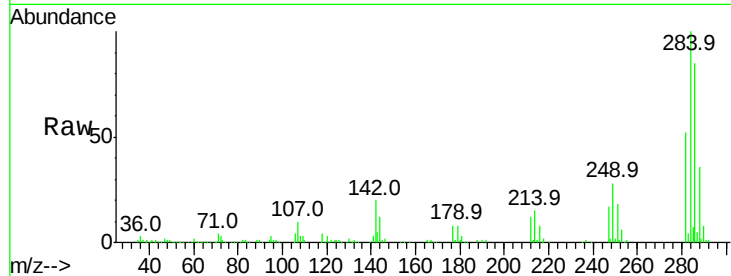
#67
Hexachlorobenzene
Concen: 49.55 ng
RT: 10.74 min Scan# 801
Delta R.T. 0.00 min
Lab File: BF087090.D
Acq: 16 May 2016 19:24

Instrument :
BNA_F
ClientSampleId :
HSR-WC-44-051216MSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100	184851		
142	20.0	16.7	25.1	
249	27.6	21.3	31.9	

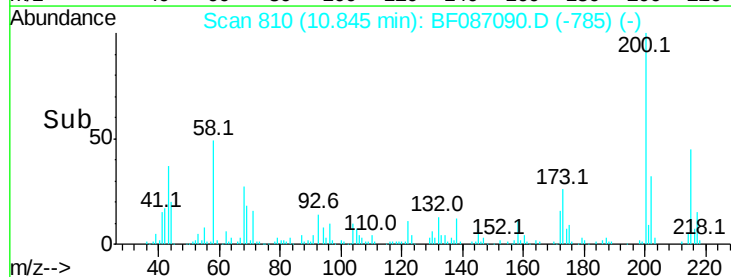
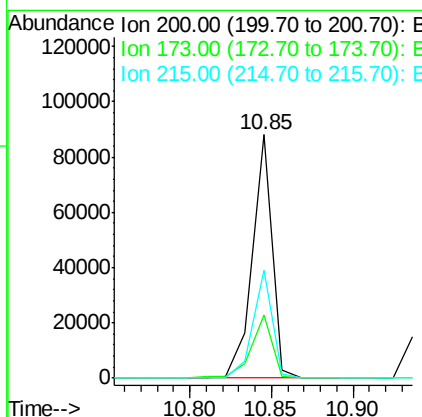
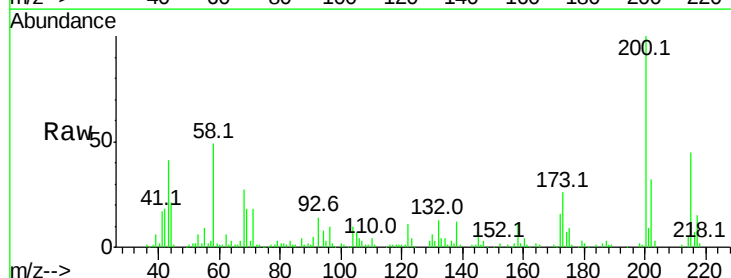
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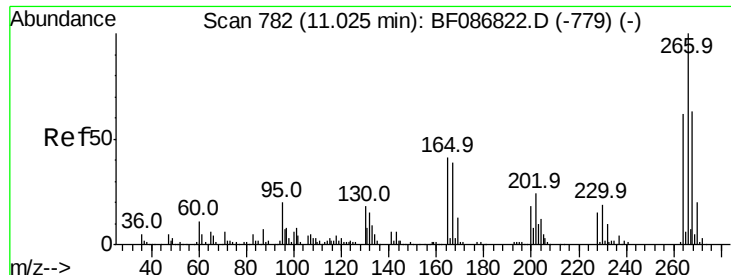
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#68
Atrazine
Concen: 22.97 ng
RT: 10.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF087090.D
Acq: 16 May 2016 19:24

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	74222		
173	26.1	8.5	48.5	
215	44.6	27.2	67.2	





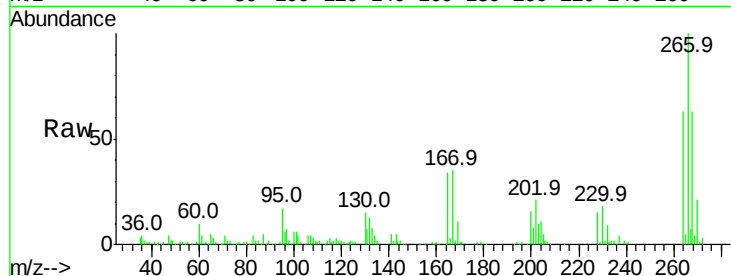
#69
 Pentachlorophenol
 Concen: 89.34 ng
 RT: 10.95 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BF087090.D
 Acq: 16 May 2016 19:24

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-44-051216MSD

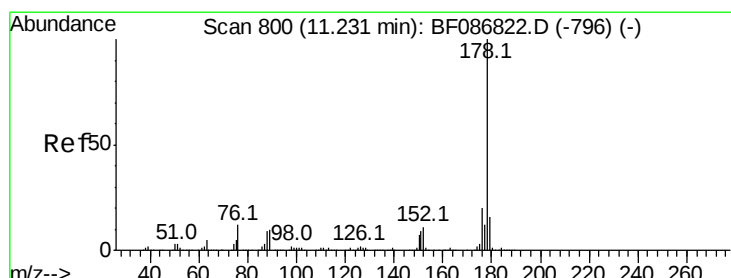
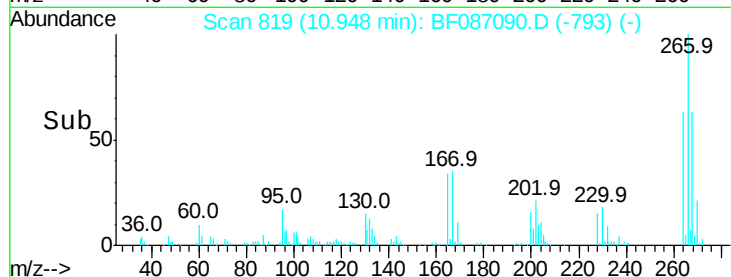
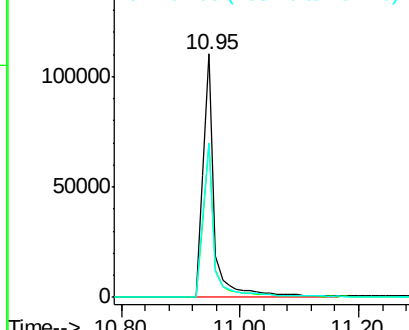
Tot Ion	Ratio	Resp	Lower	Upper
266	100	154027		
268	63.4	51.5	77.3	
264	63.4	52.9	79.3	

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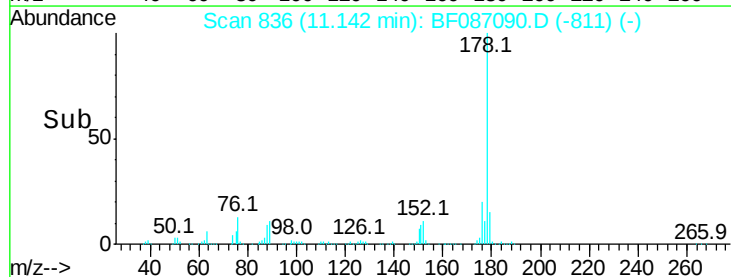
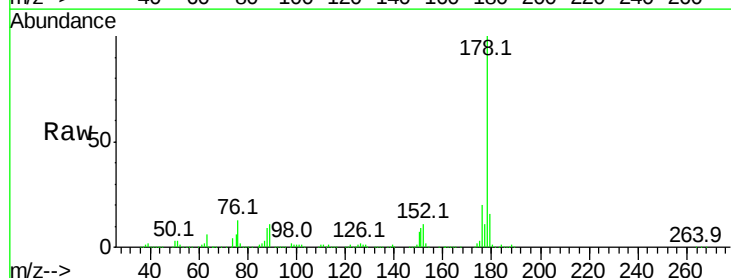
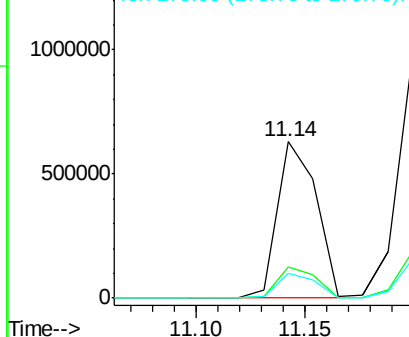
Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

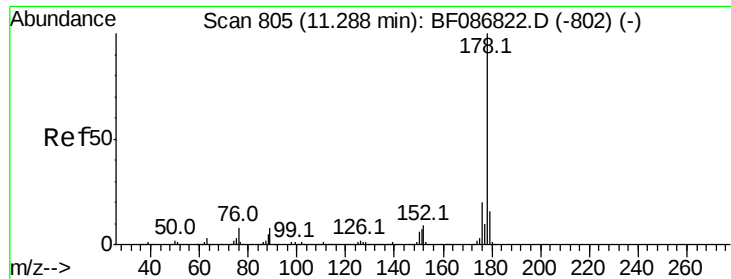


#70
 Phenanthrene
 Concen: 47.18 ng
 RT: 11.14 min Scan# 836
 Delta R.T. -0.01 min
 Lab File: BF087090.D
 Acq: 16 May 2016 19:24

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	792725		
176	19.8	16.0	24.0	
179	16.0	12.6	18.8	

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





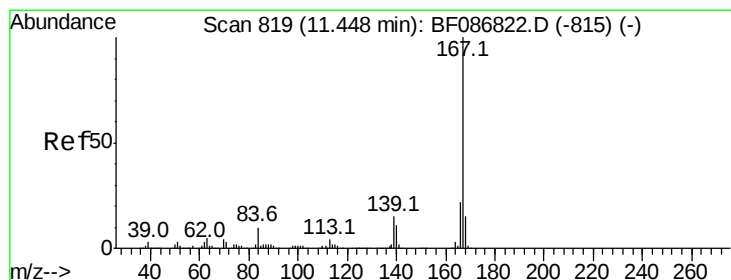
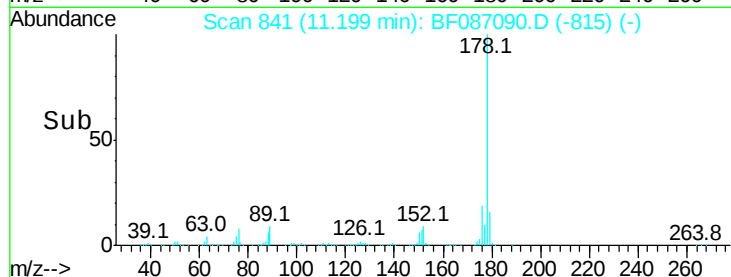
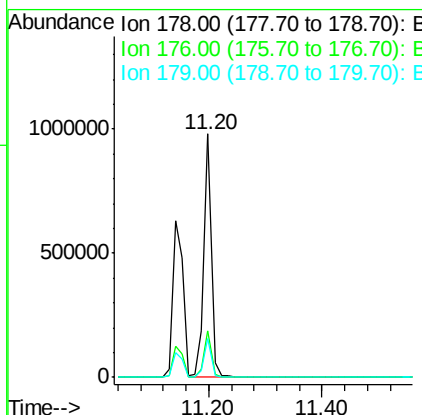
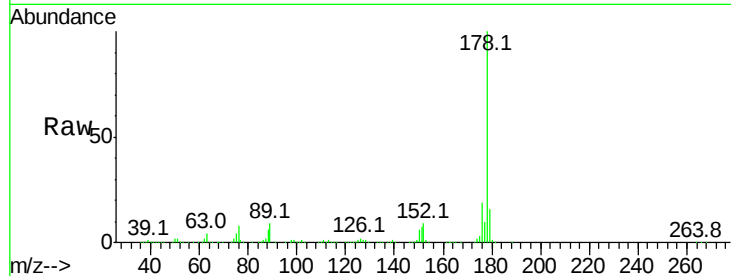
#71
 Anthracene
 Concen: 50.56 ng
 RT: 11.20 min Scan# 841
 Delta R.T. 0.00 min
 Lab File: BF087090.D
 Acq: 16 May 2016 19:24

Instrument :
 BNA_F
 ClientSampled :
 HSR-WC-44-051216MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.6	23.4
179	15.7	12.7	19.1

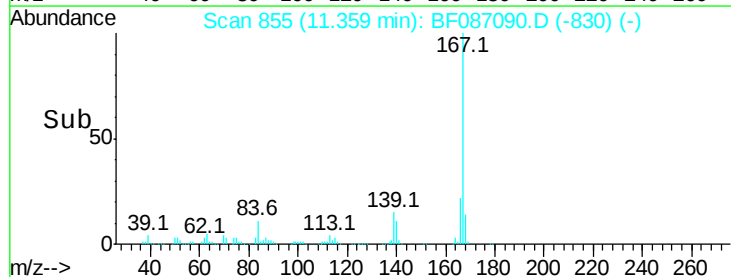
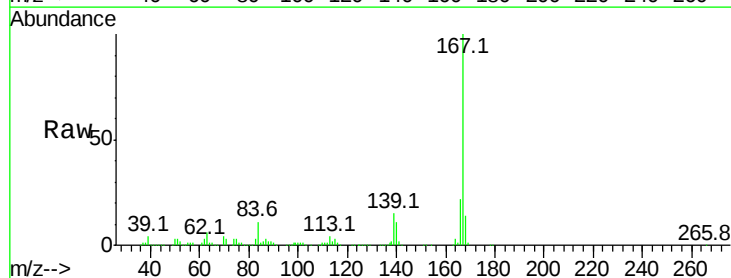
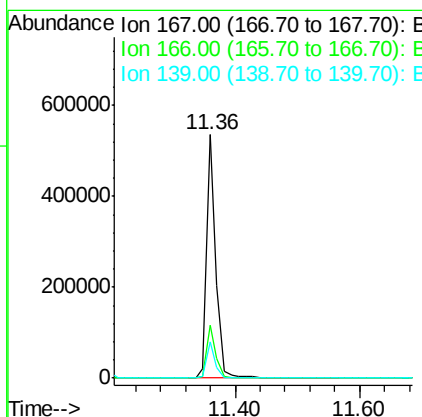
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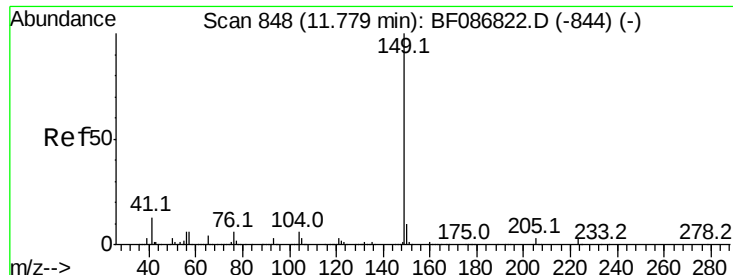
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#72
 Carbazole
 Concen: 37.38 ng
 RT: 11.36 min Scan# 855
 Delta R.T. -0.01 min
 Lab File: BF087090.D
 Acq: 16 May 2016 19:24

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.7	26.5
139	14.8	10.8	16.2





#73

Di-n-butylphthalate

Concen: 54.94 ng

RT: 11.70 min Scan# 885

Delta R.T. 0.00 min

Lab File: BF087090.D

Acq: 16 May 2016 19:24

Instrument :

BNA_F

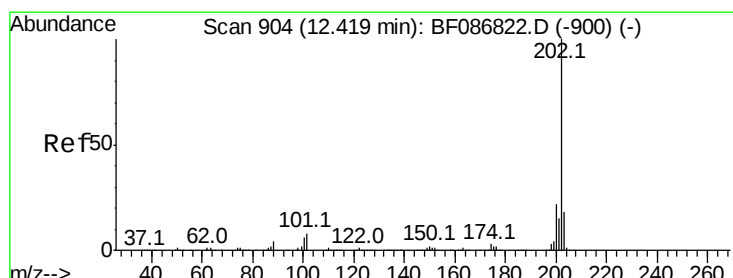
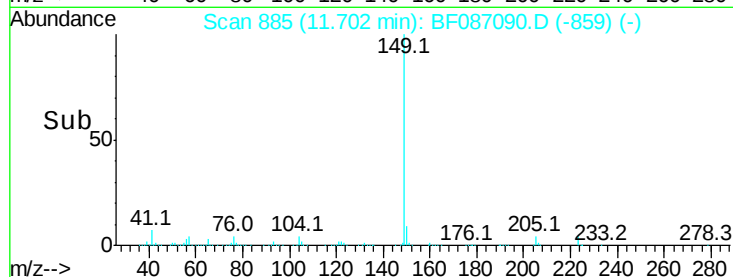
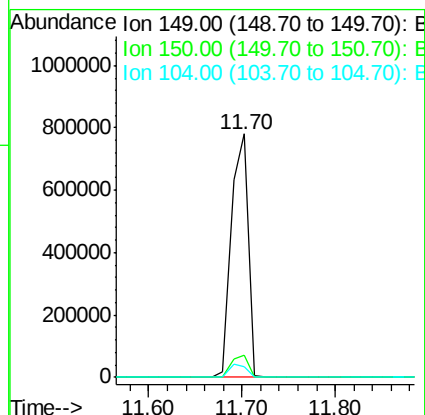
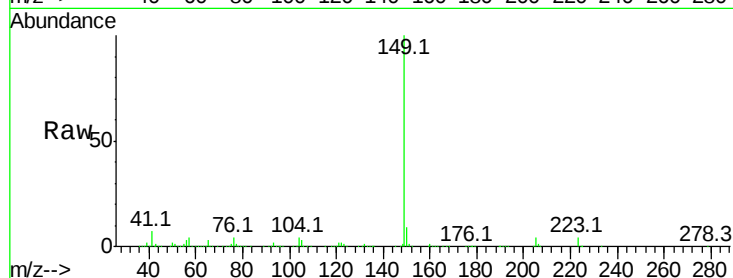
ClientSampleId :

HSR-WC-44-051216MSD

Tot Ion:	149	Resp:	991139
Ion Ratio	Lower	Upper	
149	100		
150	8.9	7.6	11.4
104	4.5	3.8	5.6

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#74

Fluoranthene

Concen: 49.44 ng

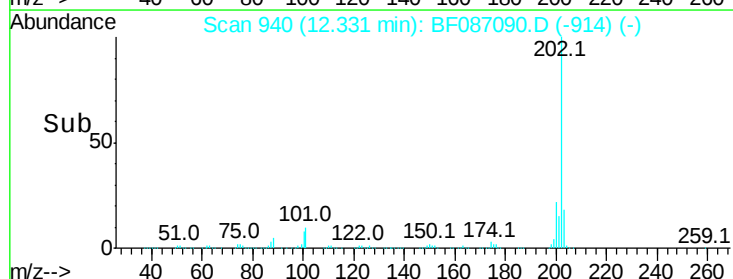
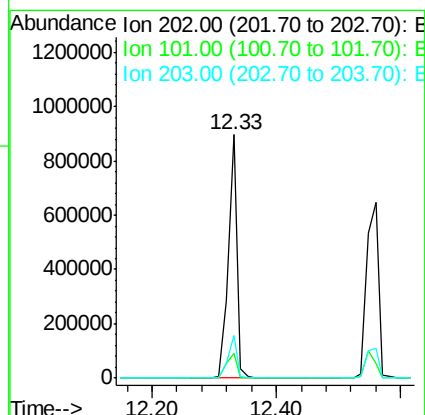
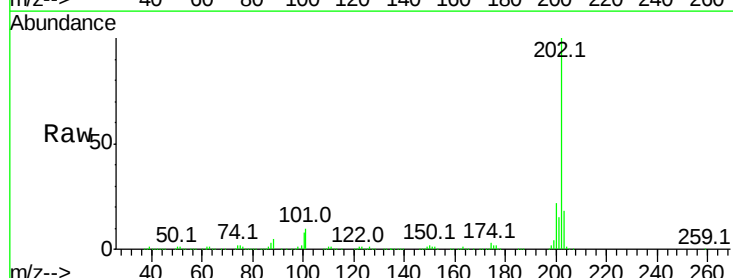
RT: 12.33 min Scan# 940

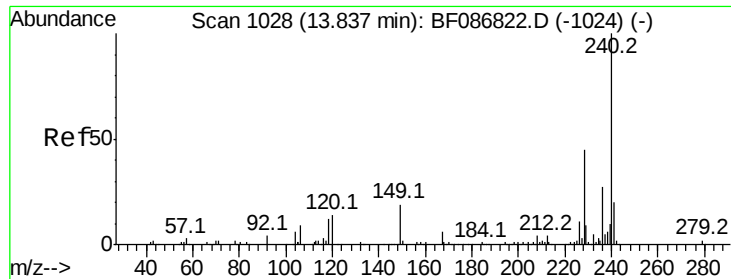
Delta R.T. 0.00 min

Lab File: BF087090.D

Acq: 16 May 2016 19:24

Tgt Ion:	202	Resp:	854462
Ion Ratio	Lower	Upper	
202	100		
101	10.4	0.0	35.4
203	17.7	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.75 min Scan# 1064

Delta R.T. -0.01 min

Lab File: BF087090.D

Acq: 16 May 2016 19:24

Instrument :

BNA_F

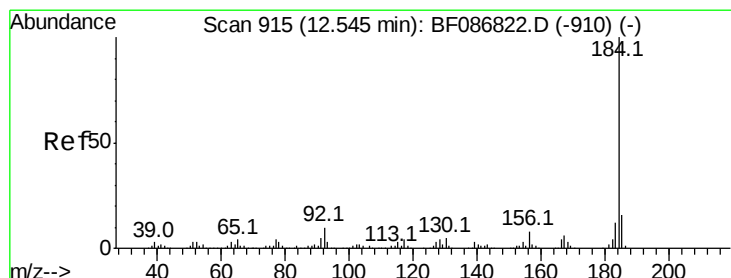
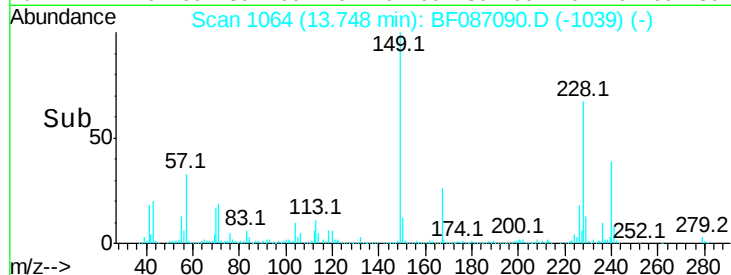
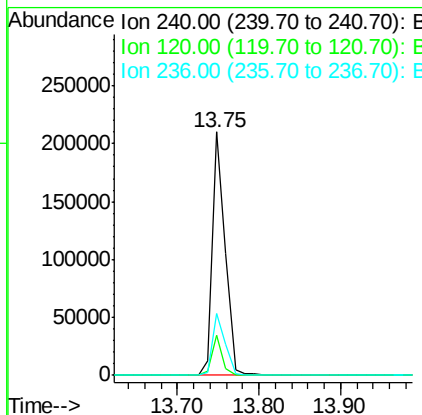
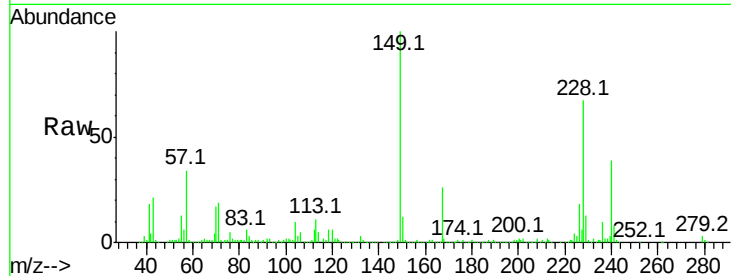
ClientSampleId :

HSR-WC-44-051216MSD

Tot Ion:	240	Resp:	231951
Ion Ratio	Lower	Upper	
240	100		
120	16.3	11.2	16.8
236	25.7	21.2	31.8

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#76

Benzidine

Concen: 6.72 ng

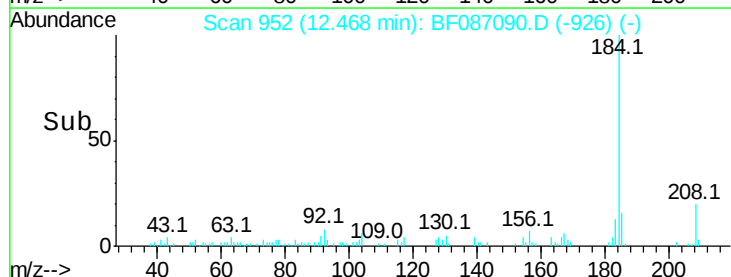
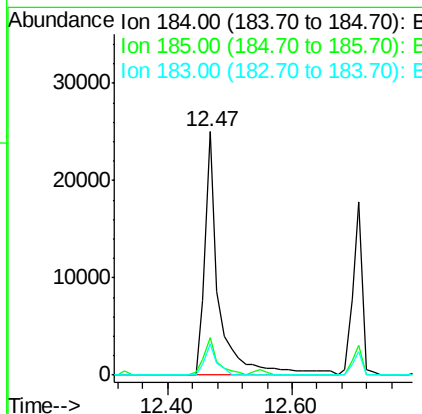
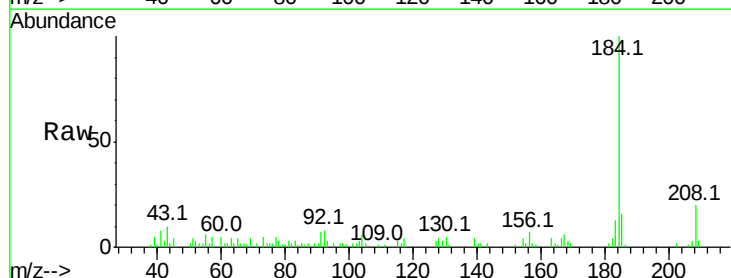
RT: 12.47 min Scan# 952

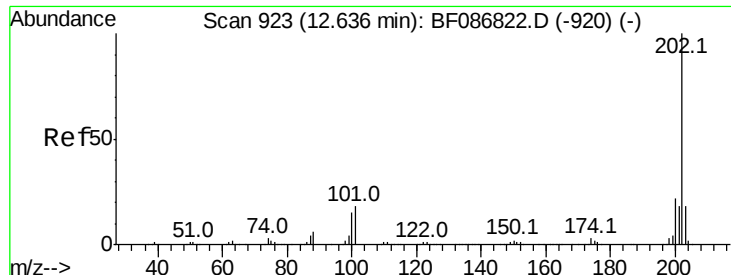
Delta R.T. 0.00 min

Lab File: BF087090.D

Acq: 16 May 2016 19:24

Tgt Ion:	184	Resp:	39754
Ion Ratio	Lower	Upper	
184	100		
185	15.5	13.6	20.4
183	12.8	9.8	14.6





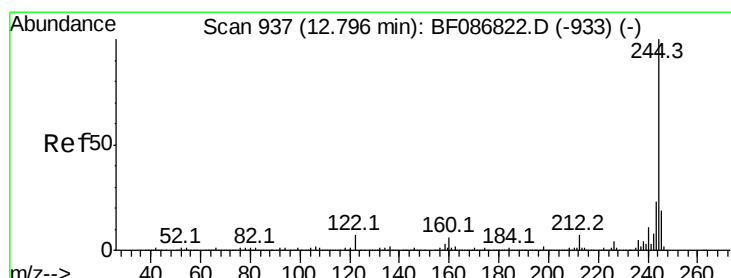
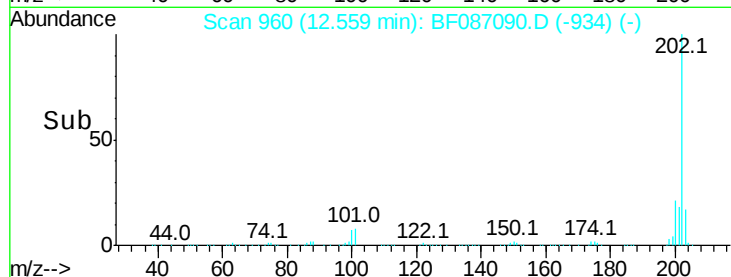
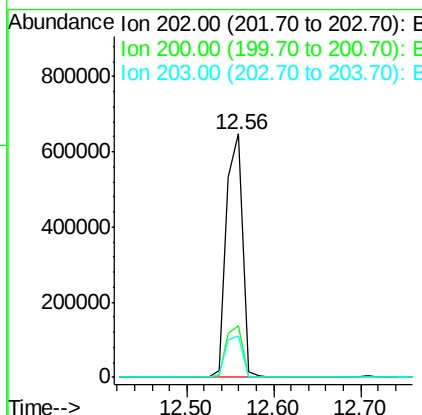
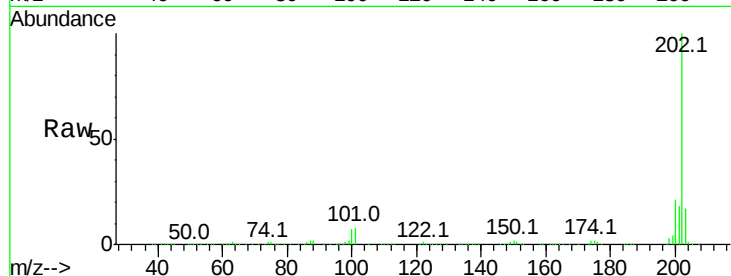
#77
Pvrene
Concen: 47.12 ng
RT: 12.56 min Scan# 960
Delta R.T. 0.00 min
Lab File: BF087090.D
Acq: 16 May 2016 19:24

Instrument :
BNA_F
ClientSampleId :
HSR-WC-44-051216MSD

Tot Ion	Ratio	Resp	Lower	Upper
202	100	836674		
200	21.1		17.7	26.5
203	17.2		14.2	21.4

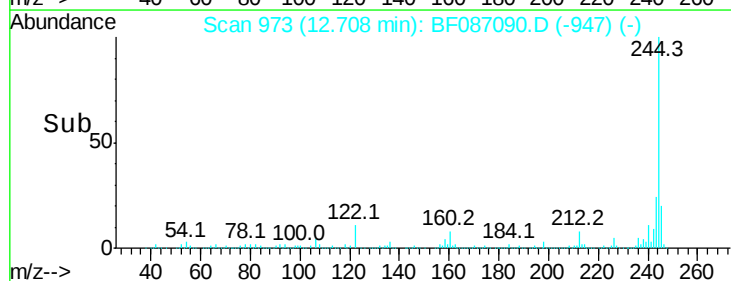
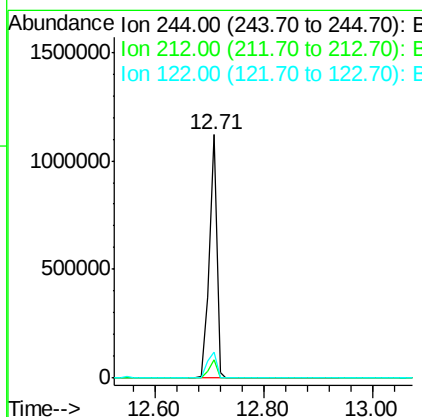
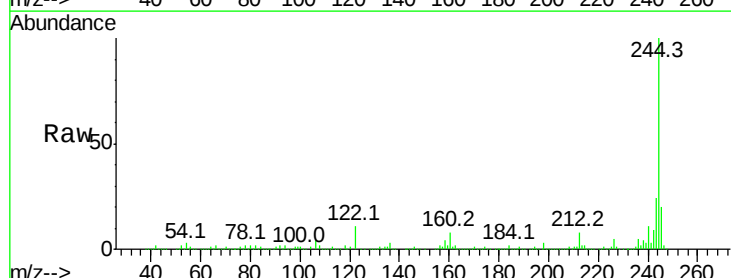
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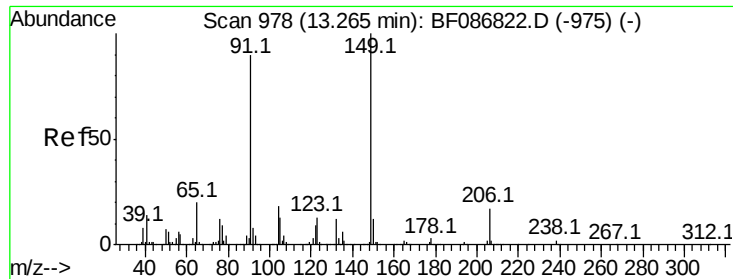
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#78
Terphenyl-d14
Concen: 97.10 ng
RT: 12.71 min Scan# 973
Delta R.T. 0.00 min
Lab File: BF087090.D
Acq: 16 May 2016 19:24

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	1061527		
212	7.7		6.2	9.2
122	10.9		12.0	18.0#





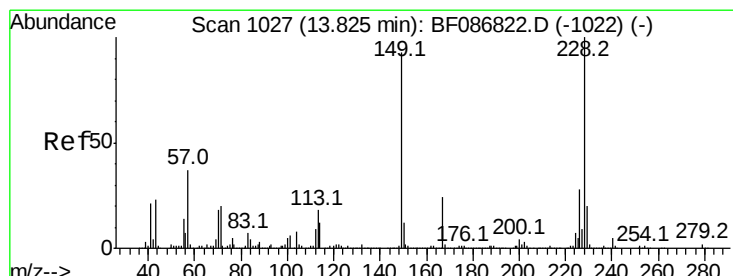
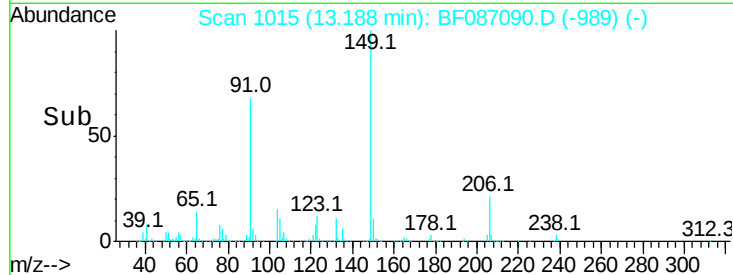
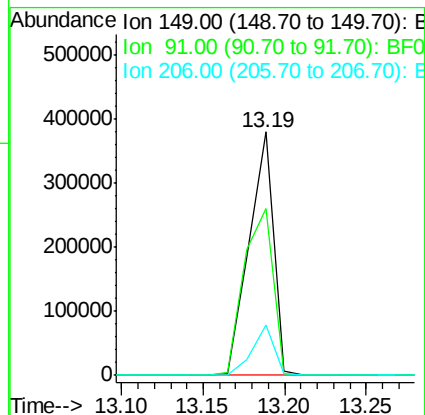
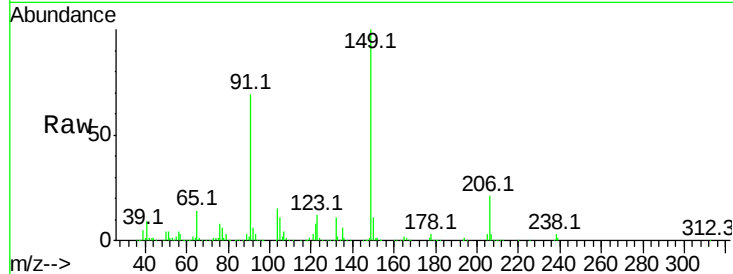
#79
Butylbenzylphthalate
Concen: 52.63 ng
RT: 13.19 min Scan# 1015
Delta R.T. 0.00 min
Lab File: BF087090.D
Acq: 16 May 2016 19:24

Instrument :
BNA_F
ClientSampleId :
HSR-WC-44-051216MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	395334		
91	68.6	48.0	72.0	
206	20.9	15.8	23.6	

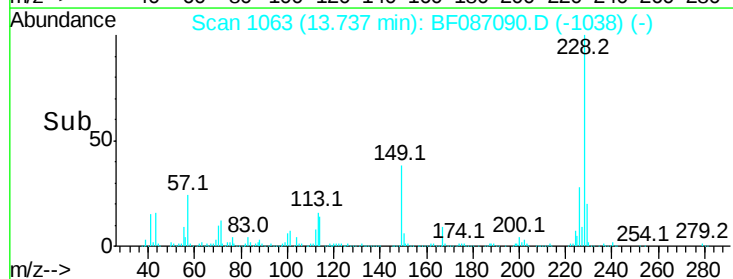
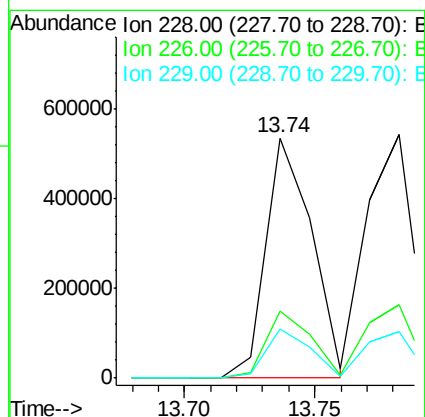
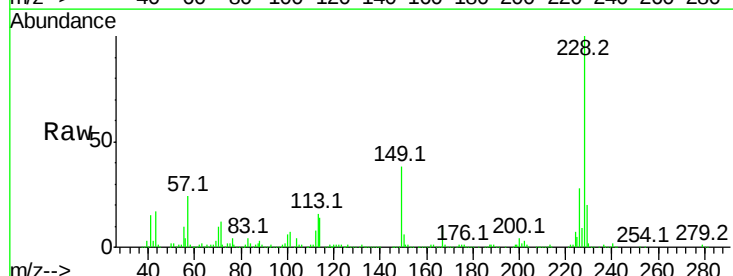
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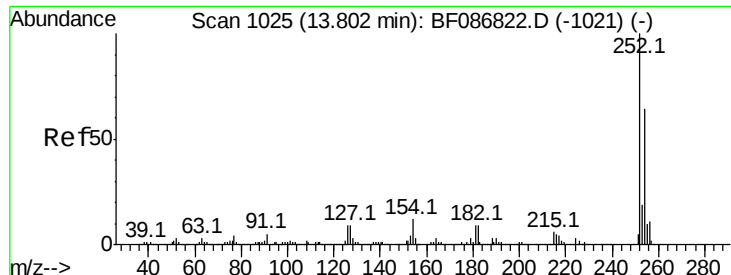
umangi
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#80
Benzo(a)anthracene
Concen: 50.56 ng
RT: 13.74 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BF087090.D
Acq: 16 May 2016 19:24

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	658368		
226	28.1	22.5	33.7	
229	20.2	16.6	25.0	





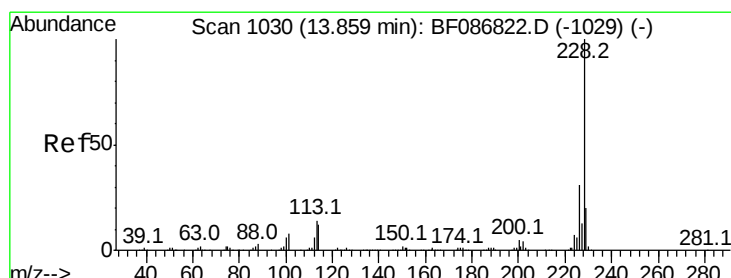
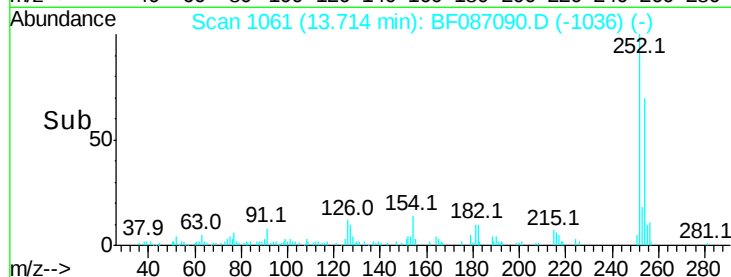
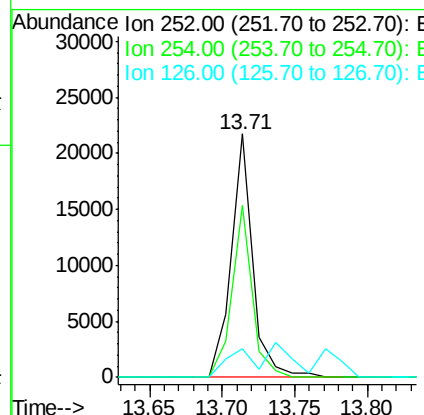
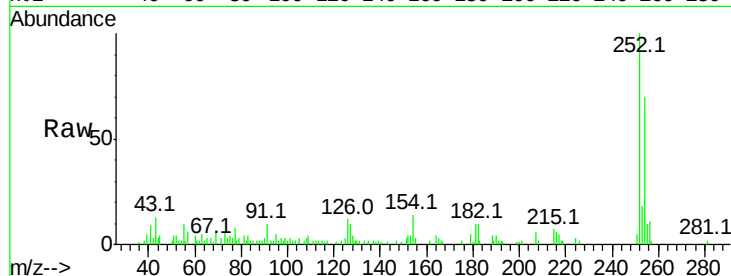
#81
 3,3'-Dichlorobenzidine
 Concen: 2.70 ng
 RT: 13.71 min Scan# 1061
 Delta R.T. -0.01 min
 Lab File: BF087090.D
 Acq: 16 May 2016 19:24

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-44-051216MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	70.4	50.7	76.1
126	11.8	12.7	19.1

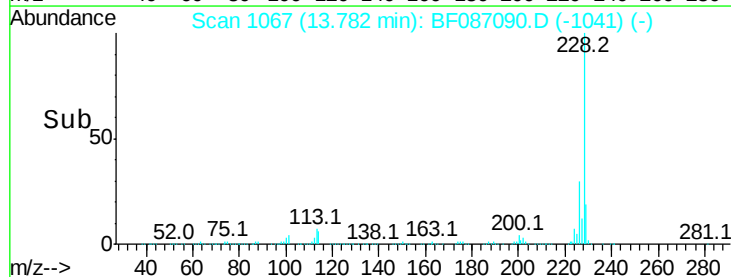
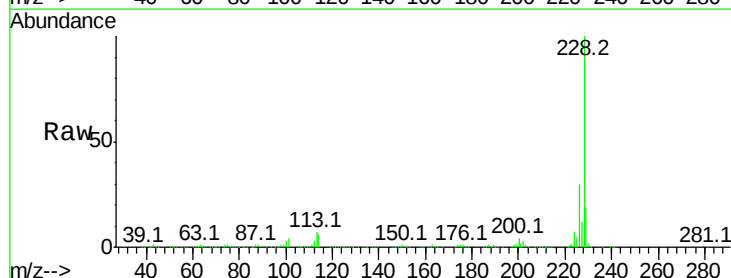
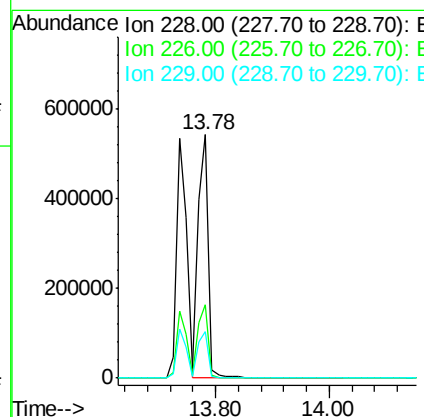
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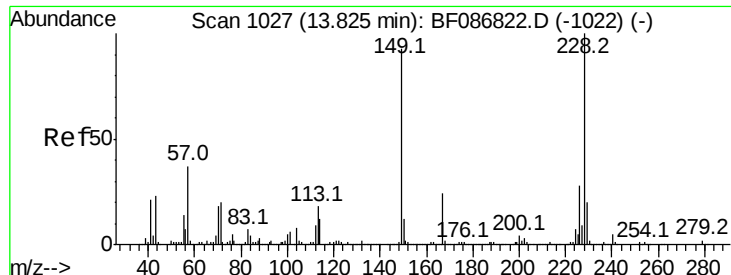
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#82
 Chrysene
 Concen: 51.01 ng
 RT: 13.78 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: BF087090.D
 Acq: 16 May 2016 19:24

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.4	36.6
229	19.2	15.8	23.8





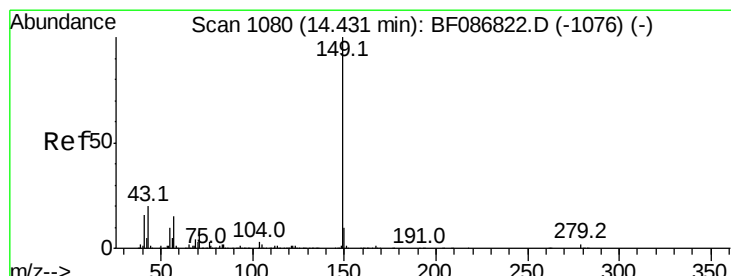
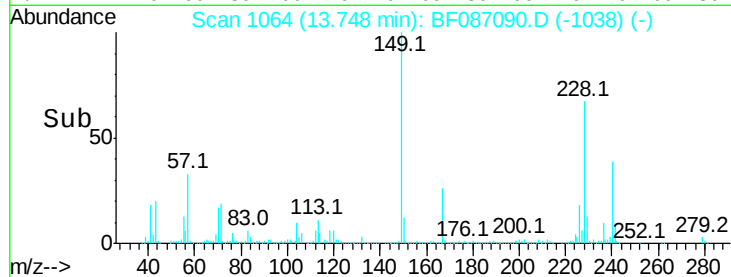
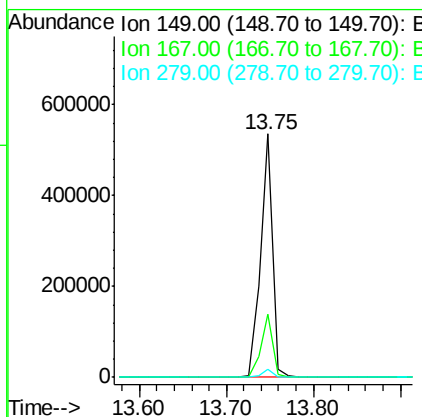
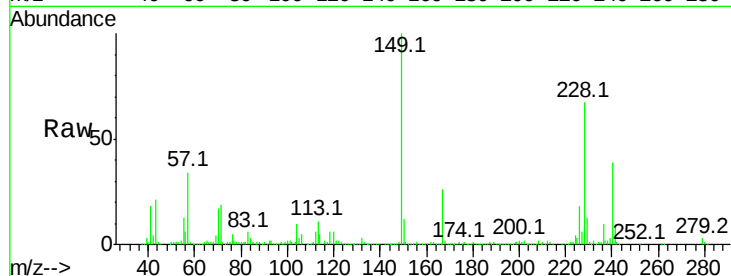
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 58.24 ng
 RT: 13.75 min Scan# 1064
 Delta R.T. 0.00 min
 Lab File: BF087090.D
 Acq: 16 May 2016 19:24

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-44-051216MSD

Tot Ion:	149	Resp:	526202
Ion Ratio	Lower	Upper	
149	100		
167	26.2	21.8	32.6
279	3.3	2.6	4.0

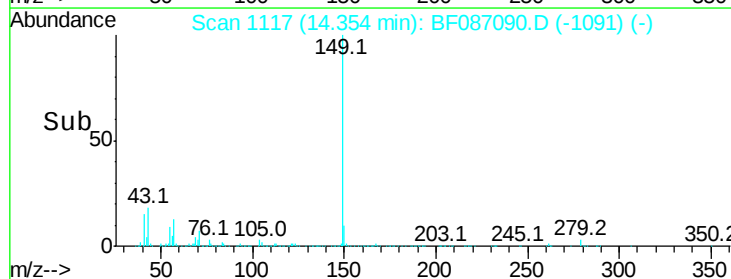
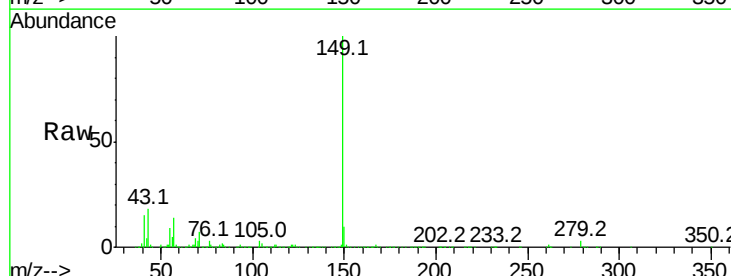
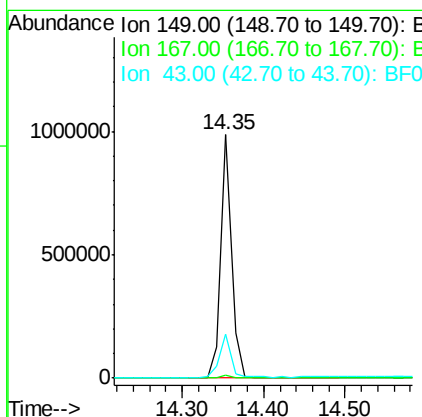
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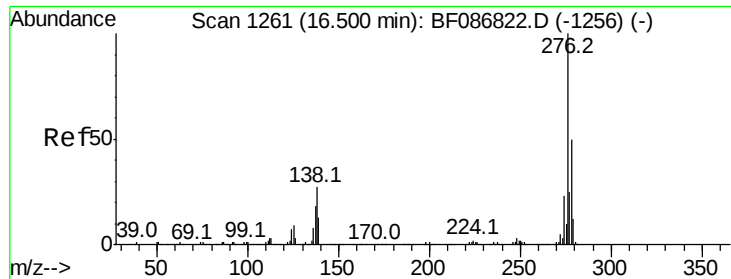
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#84
 Di-n-octyl phthalate
 Concen: 59.75 ng
 RT: 14.35 min Scan# 1117
 Delta R.T. 0.00 min
 Lab File: BF087090.D
 Acq: 16 May 2016 19:24

Tgt Ion:	149	Resp:	894289
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.2	1.8
43	17.9	8.2	12.4#





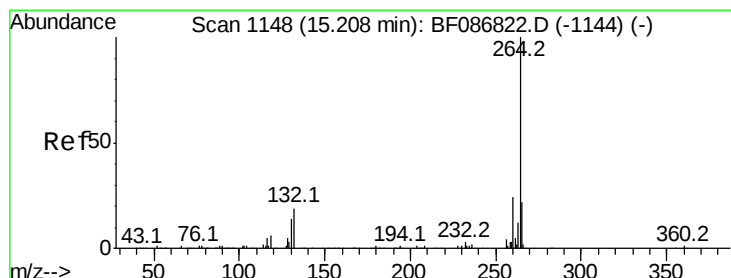
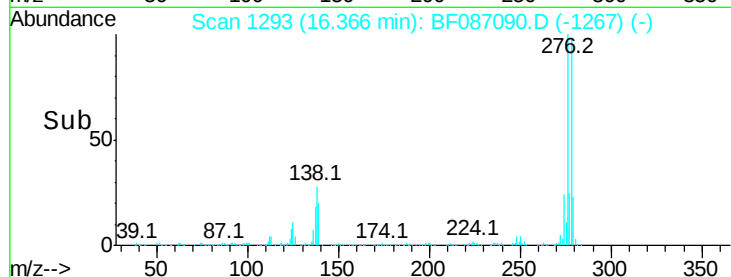
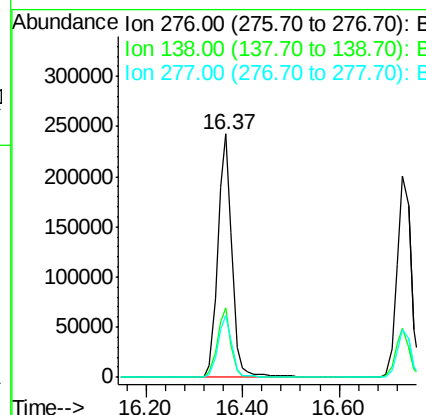
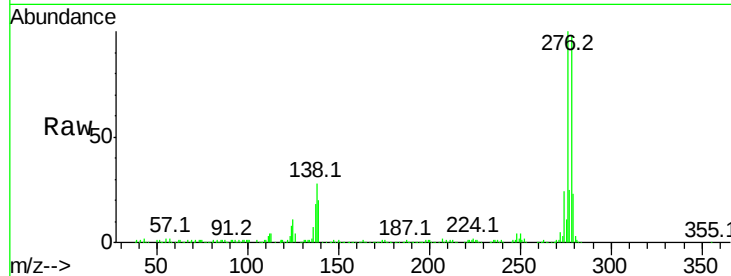
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.67 ng
 RT: 16.37 min Scan# 1293
 Delta R.T. 0.00 min
 Lab File: BF087090.D
 Acq: 16 May 2016 19:24

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-44-051216MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.6	25.6	38.4
277	25.6	20.5	30.7

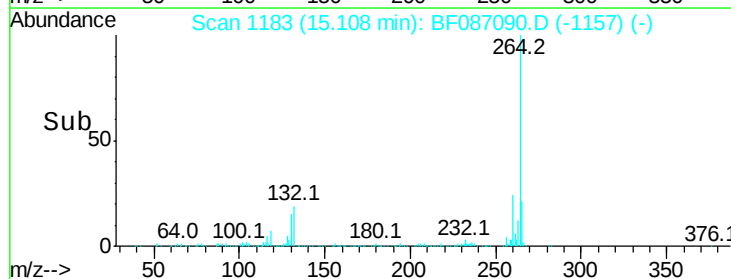
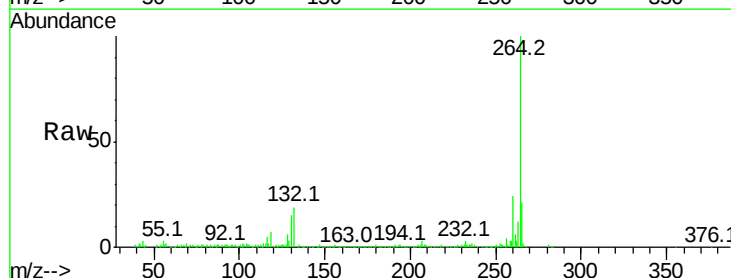
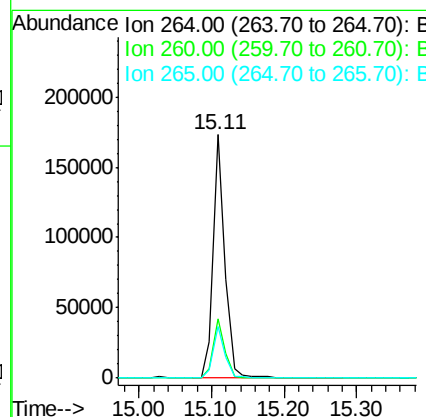
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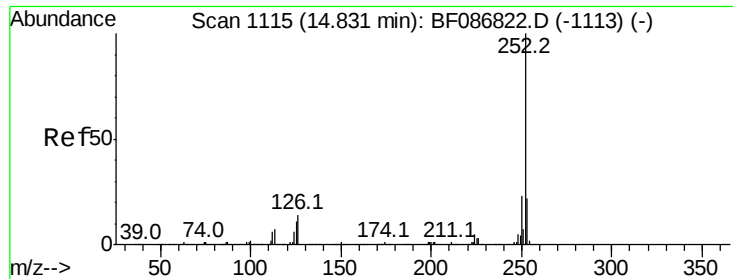
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.11 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BF087090.D
 Acq: 16 May 2016 19:24

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	21.5	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 45.00 ng m

RT: 14.74 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BF087090.D

Acq: 16 May 2016 19:24

Instrument :

BNA_F

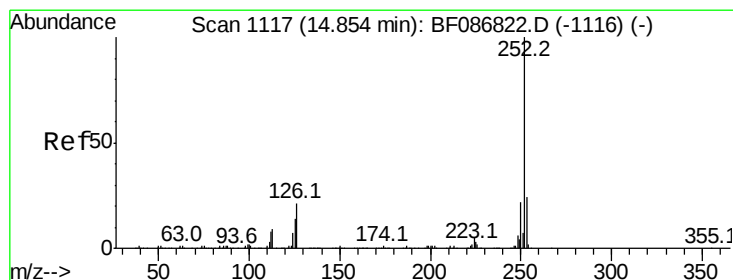
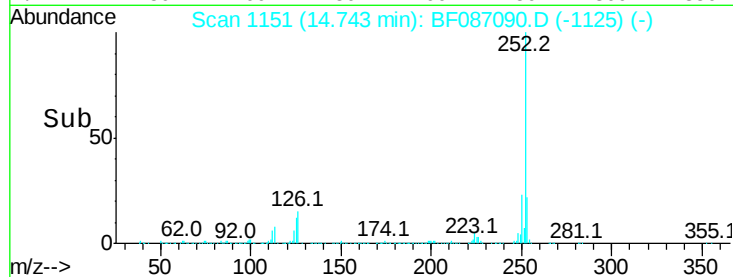
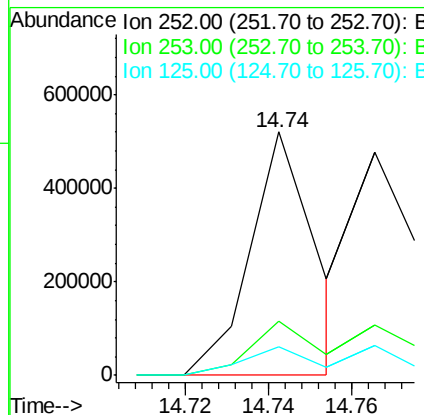
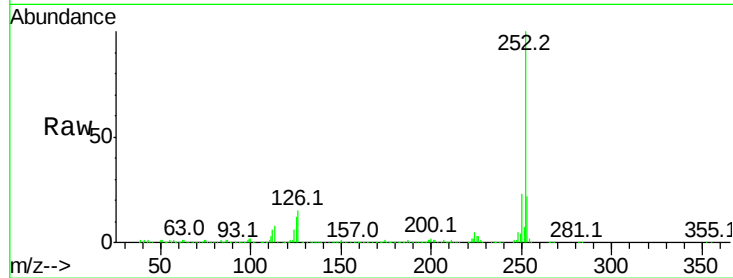
ClientSampleId :

HSR-WC-44-051216MSD

Tot Ion:	252	Resp:	571169
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.8	26.6
125	11.9	11.4	17.0

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 50.29 ng m

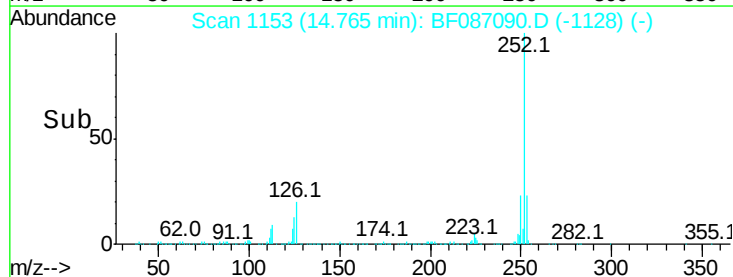
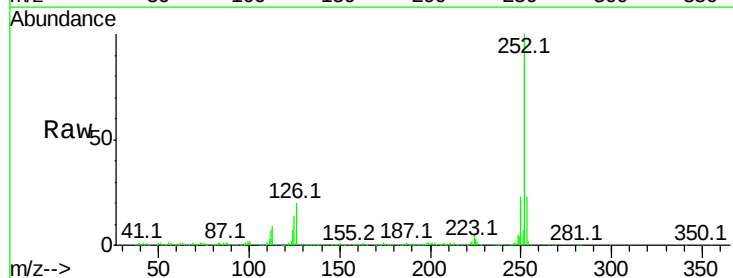
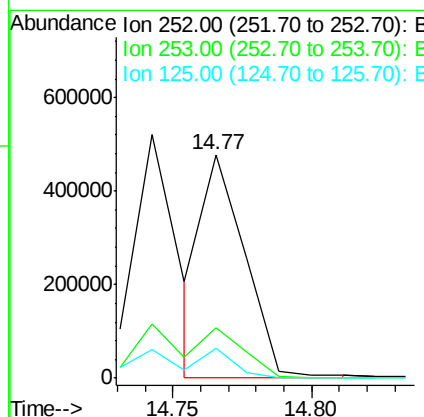
RT: 14.77 min Scan# 1153

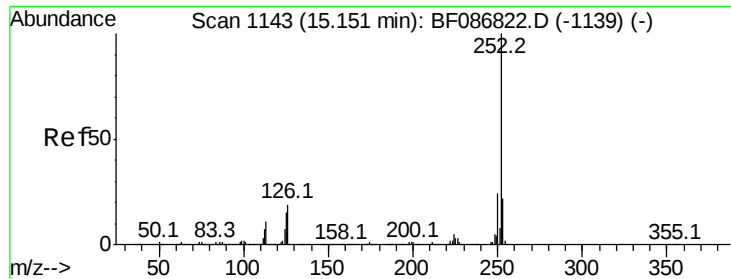
Delta R.T. -0.01 min

Lab File: BF087090.D

Acq: 16 May 2016 19:24

Tgt Ion:	252	Resp:	522634
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.8	26.6
125	13.6	9.1	13.7





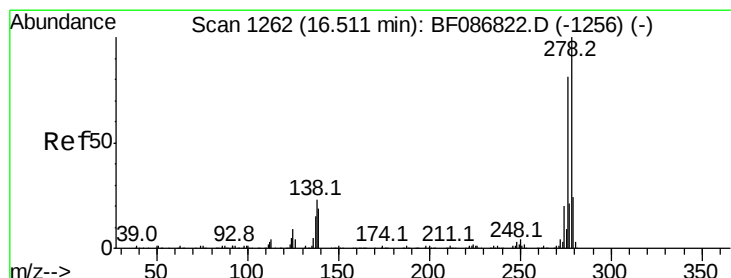
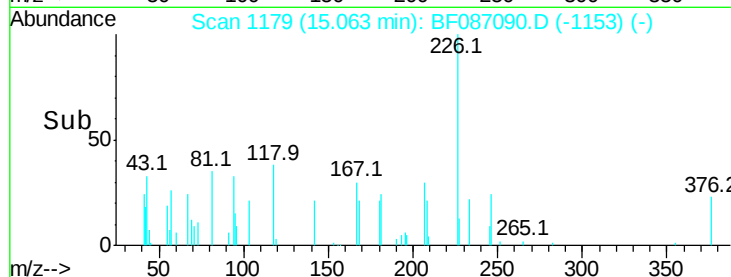
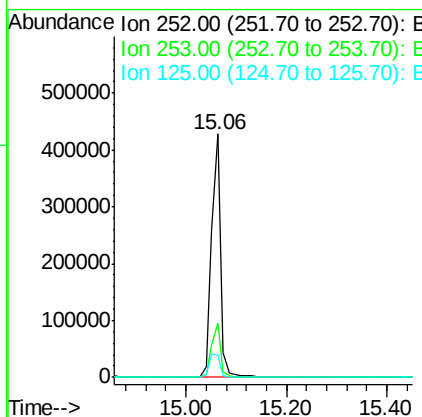
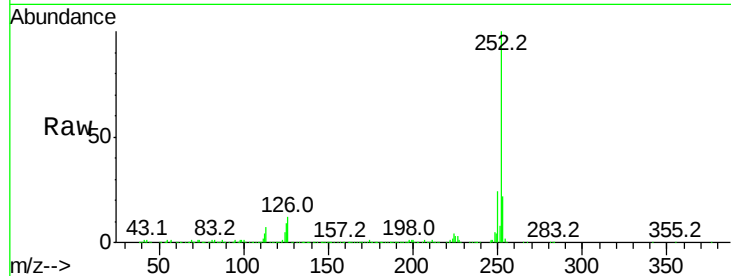
#89
Benzo(a)pyrene
Concen: 48.24 ng
RT: 15.06 min Scan# 1179
Delta R.T. 0.00 min
Lab File: BF087090.D
Acq: 16 May 2016 19:24

Instrument :
BNA_F
ClientSampleId :
HSR-WC-44-051216MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.2	25.8
125	9.2	9.0	13.6

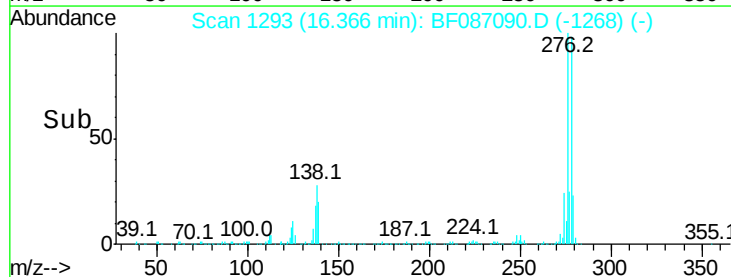
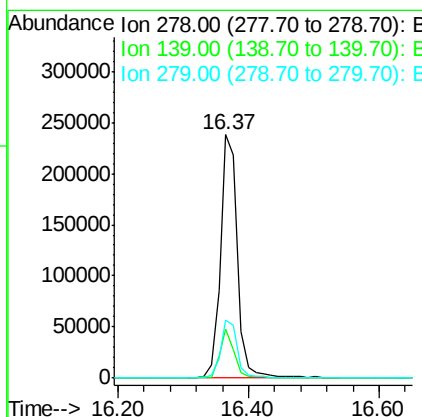
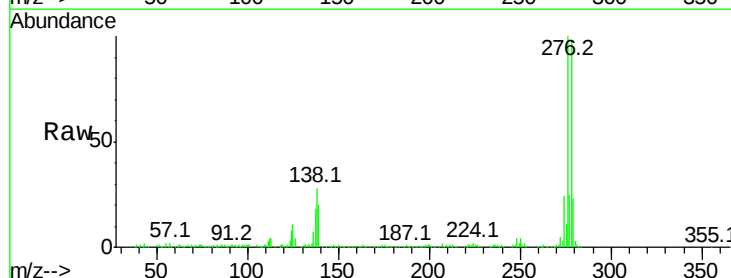
Manual Integrations
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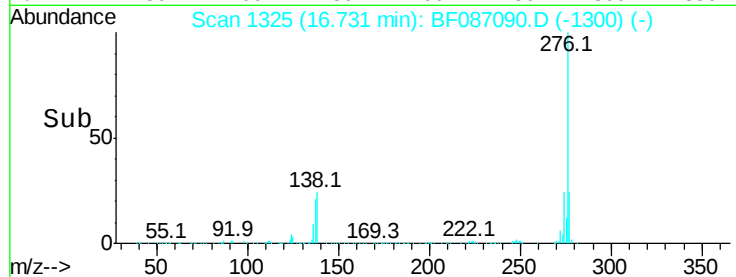
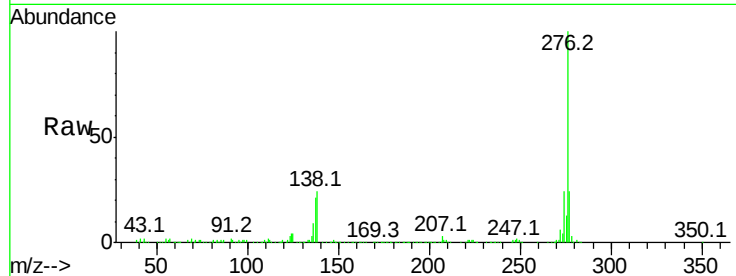
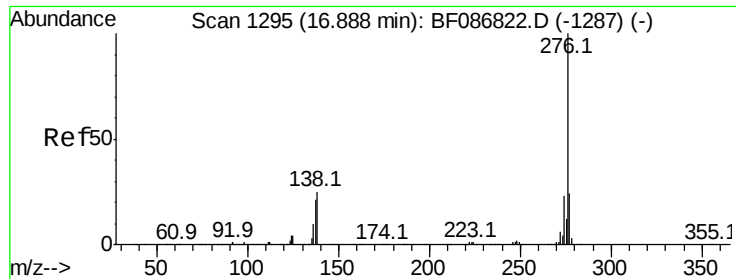
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#90
Dibenzo(a,h)anthracene
Concen: 47.15 ng
RT: 16.37 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF087090.D
Acq: 16 May 2016 19:24

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.2	16.6	24.8
279	23.9	19.6	29.4





#91

Benzo(a,h,i)perylene

Concen: 43.49 ng

RT: 16.73 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF087090.D

Acq: 16 May 2016 19:24

Tot Ion:	276	Resp:	407748
Ion Ratio		Lower	Upper
276	100		
277	23.9	19.6	29.4
138	24.3	23.6	35.4

Instrument :

BNA_F

ClientSampleId :

HSR-WC-44-051216MSD

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