

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062616\
 Data File : BF088449.D
 Acq On : 27 Jun 2016 11:53
 Operator : UM/SJ
 Sample : H3731-01MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-55-062216MS

Manual Integrations
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Quant Time: Jun 27 19:34:05 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 27 19:14:18 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	68208	20.00	ng	-0.01
21) Naphthalene-d8	7.83	136	285562	20.00	ng	-0.01
38) Acenaphthene-d10	9.58	164	132831	20.00	ng	-0.01
63) Phenanthrene-d10	11.05	188	256627	20.00	ng	-0.01
75) Chrysene-d12	13.68	240	201337	20.00	ng	-0.01
86) Perylene-d12	15.03	264	164343	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.14	112	473815	118.76	ng	0.01
7) Phenol-d6	6.22	99	595218	123.10	ng	-0.02
23) Nitrobenzene-d5	7.12	82	408176	83.47	ng	-0.02
41) 2,4,6-Tribromophenol	10.36	330	158948	113.33	ng	-0.01
44) 2-Fluorobiphenyl	8.90	172	760338	90.26	ng	-0.02
78) Terphenyl-d14	12.64	244	767619	86.76	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.12	88	52781m	27.23	ng	
3) Pyridine	2.81	79	47284m	10.33	ng	
4) n-Nitrosodimethylamine	2.67	42	31188	16.09	ng	84
6) Aniline	6.23	93	20187	2.93	ng	# 1
8) 2-Chlorophenol	6.33	128	101267	21.44	ng	91
9) Benzaldehyde	6.09	77	41252	10.44	ng	100
10) Phenol	6.23	94	112236	21.16	ng	93
11) bis(2-Chloroethyl)ether	6.28	93	99447	23.46	ng	89
12) 1,3-Dichlorobenzene	6.48	146	94890	18.73	ng	# 92
13) 1,4-Dichlorobenzene	6.56	146	99777	19.55	ng	96
14) 1,2-Dichlorobenzene	6.71	146	102648	22.11	ng	95
15) Benzyl Alcohol	6.71	79	80152	21.19	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.83	45	100643	17.57	ng	# 7
17) 2-Methylphenol	6.83	107	76597	20.00	ng	# 88
18) Hexachloroethane	7.04	117	35865	19.80	ng	# 87
19) n-Nitroso-di-n-propylamine	6.97	70	69990	22.63	ng	# 88
20) 3+4-Methylphenols	6.99	107	98748	22.10	ng	# 78
22) Acetophenone	6.96	105	146743	22.99	ng	# 96
24) Nitrobenzene	7.13	77	94263	19.90	ng	89
25) Isophorone	7.38	82	184940	20.42	ng	# 93
26) 2-Nitrophenol	7.45	139	57113	22.51	ng	# 88
27) 2,4-Dimethylphenol	7.51	122	93427	20.00	ng	94
28) bis(2-Chloroethoxy)methane	7.60	93	118058	21.01	ng	98
29) 2,4-Dichlorophenol	7.71	162	82603	21.18	ng	94
30) 1,2,4-Trichlorobenzene	7.77	180	86673	20.41	ng	99
31) Naphthalene	7.85	128	330235	23.37	ng	97
32) Benzoic acid	7.67	122	17872	6.95	ng	91
33) 4-Chloroaniline	7.93	127	27685	4.39	ng	94
34) Hexachlorobutadiene	7.96	225	46479	20.75	ng	96
35) Caprolactam	8.31	113	24264	18.78	ng	# 77
36) 4-Chloro-3-methylphenol	8.42	107	93182	22.34	ng	94
37) 2-Methylnaphthalene	8.54	142	204563m	21.96	ng	
39) 1,2,4,5-Tetrachlorobenzene	8.71	216	87308	21.22	ng	# 1
40) Hexachlorocyclopentadiene	8.68	237	23951	11.18	ng	99

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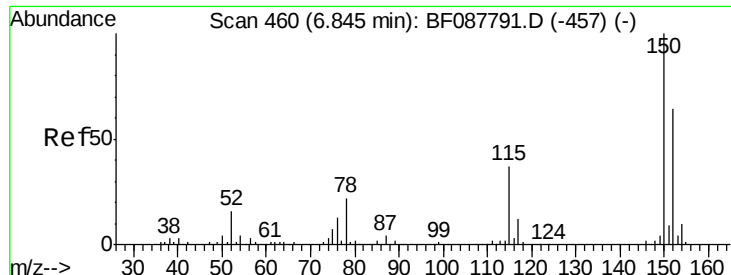
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.83	196	54921	20.68	ng	95
43) 2,4,5-Trichlorophenol	8.89	196	55046	19.92	ng	97
45) 1,1'-Biphenyl	9.00	154	260339	23.09	ng	96
46) 2-Chloronaphthalene	9.03	162	205509	23.91	ng	95
47) 2-Nitroaniline	9.14	65	54417	21.46	ng	# 68
48) Acenaphthylene	9.44	152	304954	22.30	ng	98
49) Dimethylphthalate	9.31	163	231664	24.08	ng	99
50) 2,6-Dinitrotoluene	9.38	165	53926	24.47	ng	# 86
51) Acenaphthene	9.60	154	183527	21.52	ng	99
52) 3-Nitroaniline	9.55	138	18034	7.09	ng	# 92
53) 2,4-Dinitrophenol	9.69	184	9198	12.11	ng	# 86
54) Dibenzofuran	9.78	168	280180	23.85	ng	92
55) 4-Nitrophenol	9.79	139	30159m	15.28	ng	
56) 2,4-Dinitrotoluene	9.79	165	68258	24.10	ng	96
57) Fluorene	10.11	166	218644	25.45	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.91	232	48983	22.55	ng	# 61
59) Diethylphthalate	10.01	149	241297	24.77	ng	97
60) 4-Chlorophenyl-phenylether	10.11	204	95860	24.54	ng	95
61) 4-Nitroaniline	10.17	138	55514	23.02	ng	100
62) Azobenzene	10.27	77	234439	24.34	ng	96
64) 4,6-Dinitro-2-methylphenol	10.20	198	7756	6.79	ng	94
65) n-Nitrosodiphenylamine	10.24	169	197670	23.21	ng	99
66) 4-Bromophenyl-phenylether	10.60	248	58628	21.29	ng	94
67) Hexachlorobenzene	10.66	284	64869	22.68	ng	94
68) Atrazine	10.78	200	50353	19.53	ng	93
69) Pentachlorophenol	10.88	266	46013	30.51	ng	99
70) Phenanthrene	11.07	178	318305	23.64	ng	99
71) Anthracene	11.12	178	344861	25.39	ng	98
72) Carbazole	11.29	167	329908	25.95	ng	98
73) Di-n-butylphthalate	11.62	149	365742	22.73	ng	99
74) Fluoranthene	12.25	202	334990	23.57	ng	99
76) Benzidine	12.40	184	18177	3.26	ng	# 1
77) Pyrene	12.48	202	329510	22.05	ng	99
79) Butylbenzylphthalate	13.11	149	162440	24.59	ng	91
80) Benzo(a)anthracene	13.67	228	286618	24.98	ng	99
81) 3,3'-Dichlorobenzidine	13.63	252	32174	10.43	ng	# 95
82) Chrysene	13.70	228	262138	24.29	ng	98
83) Bis(2-ethylhexyl)phthalate	13.67	149	201353	25.04	ng	98
84) Di-n-octyl phthalate	14.27	149	337715	25.85	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.25	276	203450	20.29	ng	# 100
87) Benzo(b)fluoranthene	14.66	252	318325m	27.79	ng	
88) Benzo(k)fluoranthene	14.70	252	165486m	19.15	ng	
89) Benzo(a)pyrene	14.97	252	224796	24.26	ng	98
90) Dibenzo(a,h)anthracene	16.25	278	174306	20.25	ng	98
91) Benzo(g,h,i)perylene	16.62	276	171998	19.43	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.54 min Scan# 433

Delta R.T. -0.01 min

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BNA_F

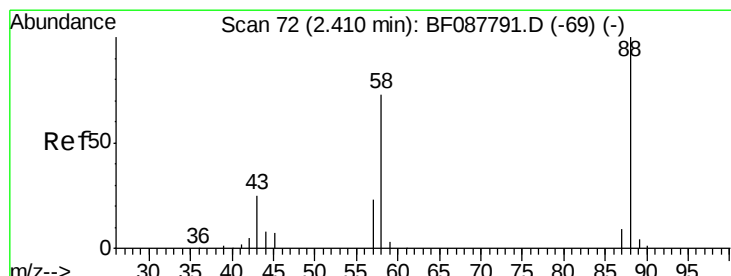
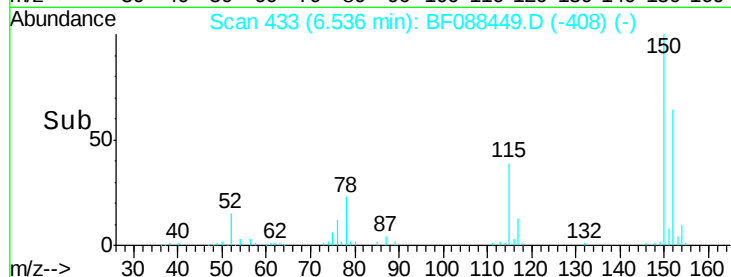
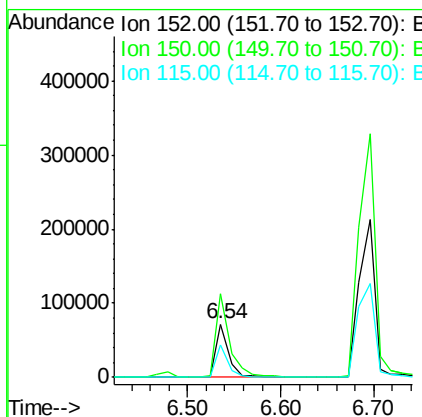
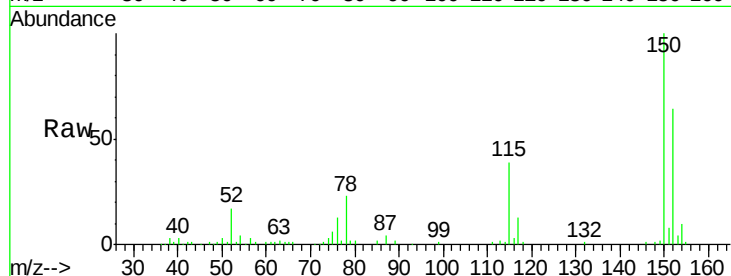
ClientSampleId :

HSR-WC-55-062216MS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.8	123.8	185.6
115	61.2	39.6	59.4

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#2

1,4-Dioxane

Concen: 27.23 ng m

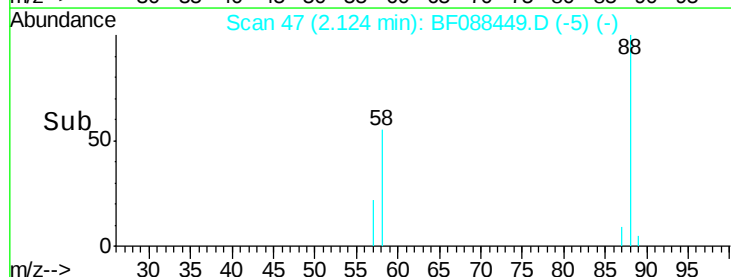
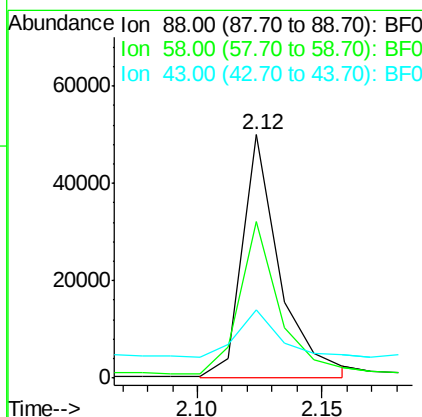
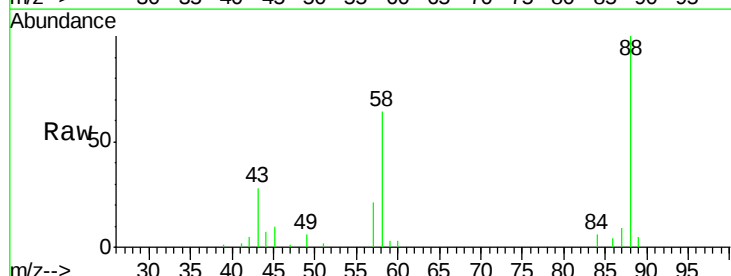
RT: 2.12 min Scan# 47

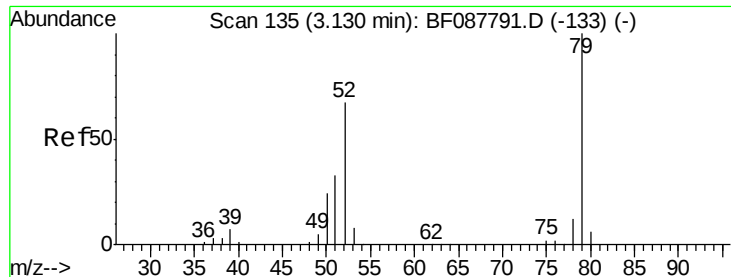
Delta R.T. 0.18 min

Lab File: BF088449.D

Acq: 27 Jun 2016 11:53

Tgt Ion	Ratio	Lower	Upper
88	100		
58	11.7	0.0	0.0
43	0.0	3.4	5.2





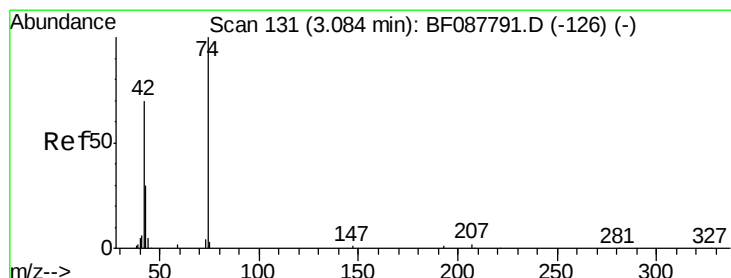
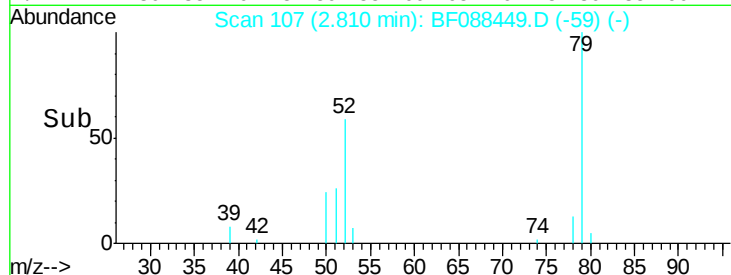
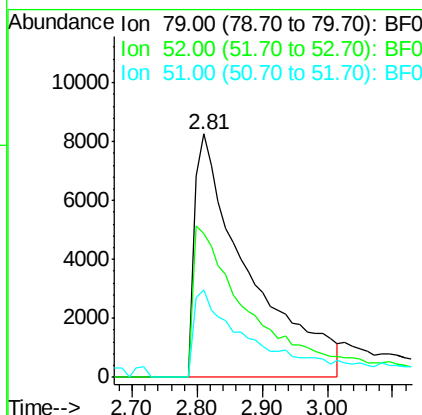
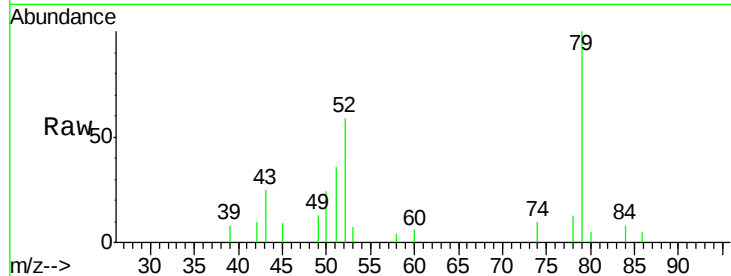
#3
 Pyridine
 Concen: 10.33 ng m
 RT: 2.81 min Scan# 107
 Delta R.T. 0.25 min
 Lab File: BF088449.D
 Acq: 27 Jun 2016 11:53

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Tgt Ion	Ratio	Lower	Upper
79	100		
52	59.2	56.3	84.5
51	35.8	27.4	41.2

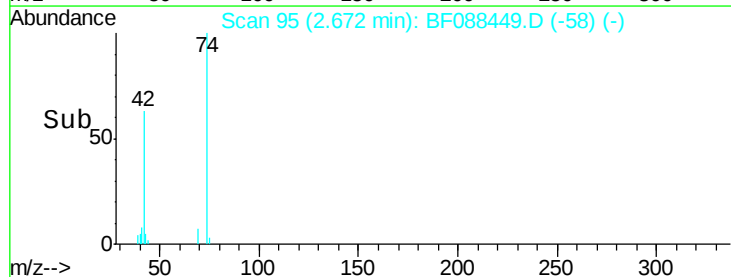
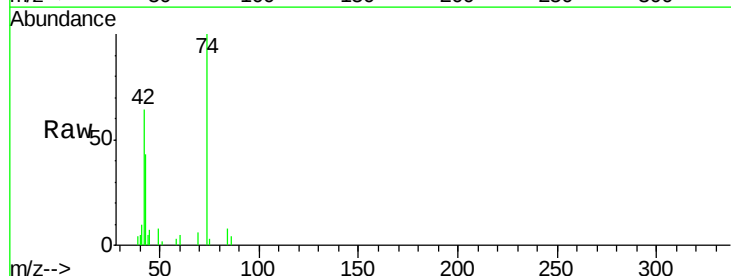
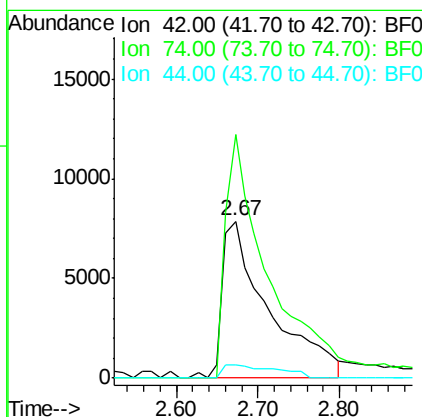
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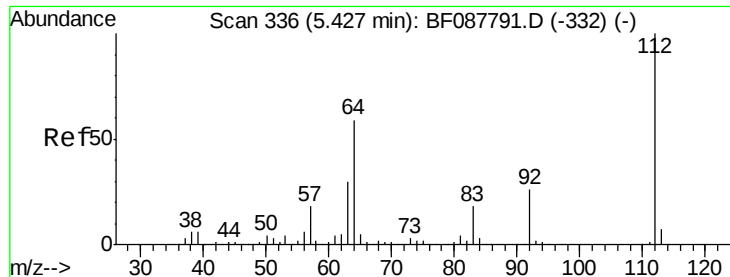
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#4
 n-Nitrosodimethylamine
 Concen: 16.09 ng
 RT: 2.67 min Scan# 95
 Delta R.T. 0.13 min
 Lab File: BF088449.D
 Acq: 27 Jun 2016 11:53

Tgt Ion	Ratio	Lower	Upper
42	100		
74	155.1	108.6	163.0
44	8.1	5.5	8.3





#5

2-Fluorophenol

Concen: 118.76 ng

RT: 5.14 min Scan# 311

Delta R.T. 0.01 min

Lab File: BF088449.D

Acq: 27 Jun 2016 11:53

Instrument :

BNA_F

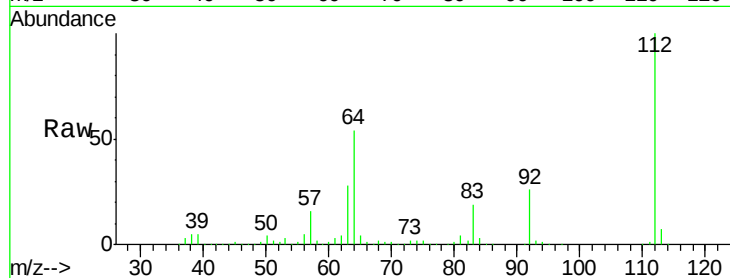
ClientSampleId :

HSR-WC-55-062216MS

Tgt Ion:	112	Resp:	473815
Ion Ratio	Lower	Upper	
112	100		
64	54.1	42.2	63.2
63	28.4	21.8	32.8

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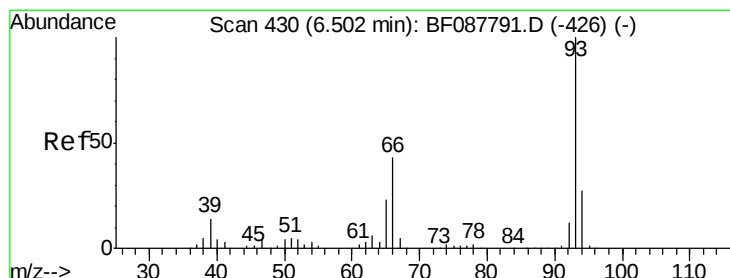
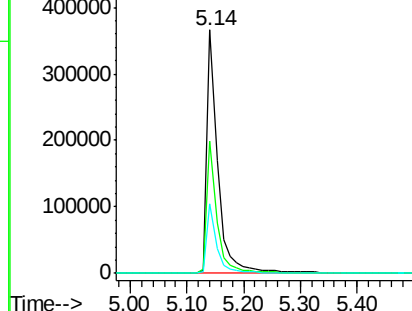
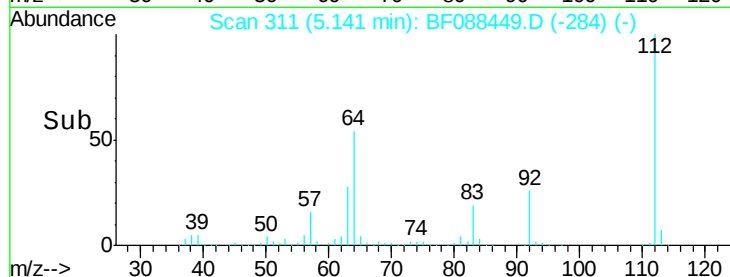
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 2.93 ng

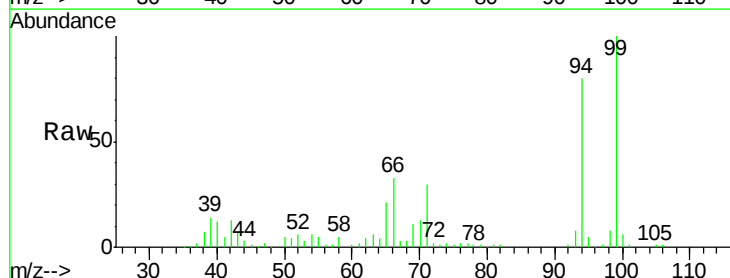
RT: 6.23 min Scan# 406

Delta R.T. -0.00 min

Lab File: BF088449.D

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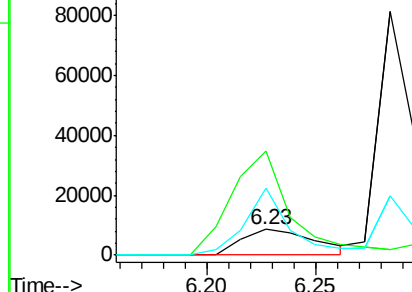
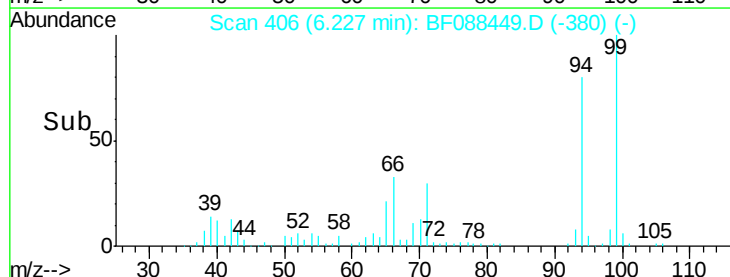
Tgt Ion:	93	Resp:	20187
Ion Ratio	Lower	Upper	
93	100		
66	399.9	29.8	44.8#
65	260.3	14.9	22.3#

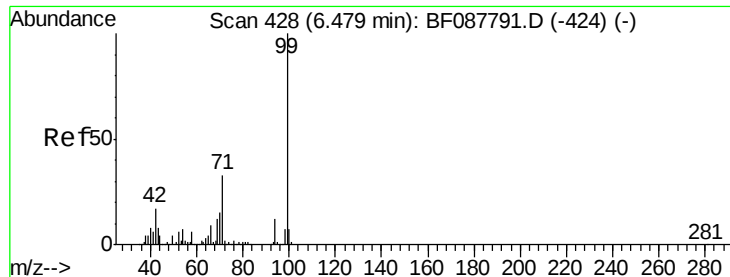


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 123.10 ng

RT: 6.22 min Scan# 405

Delta R.T. -0.02 min

Lab File: BF088449.D

Acq: 27 Jun 2016 11:53

Instrument :

BNA_F

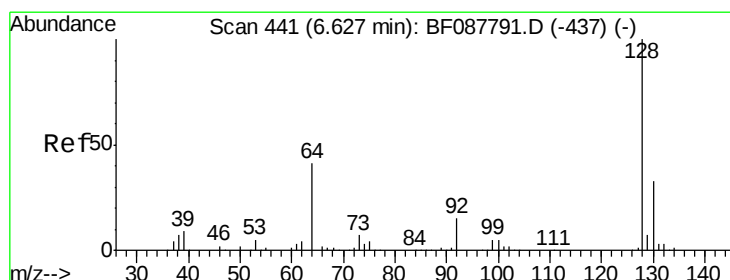
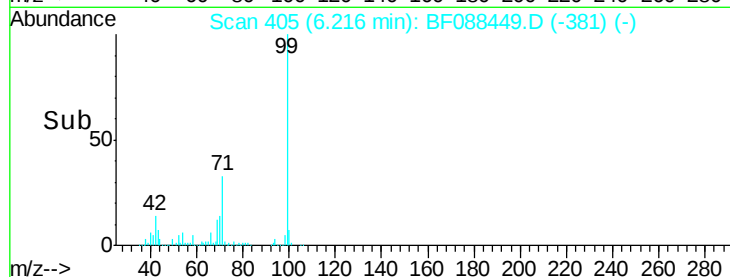
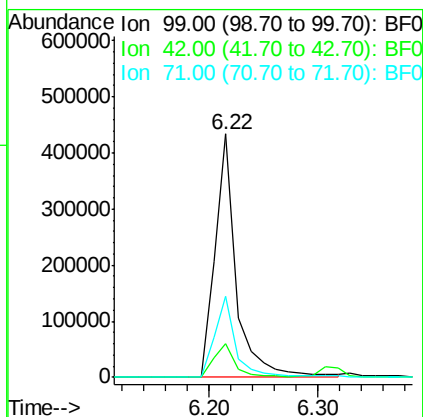
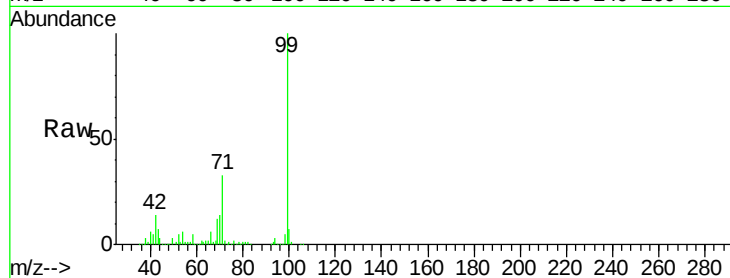
ClientSampleId :

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Tgt Ion:	99	Resp:	595218
Ion Ratio	Lower	Upper	
99	100		
42	14.0	12.2	18.2
71	33.3	23.4	35.0

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#8

2-Chlorophenol

Concen: 21.44 ng

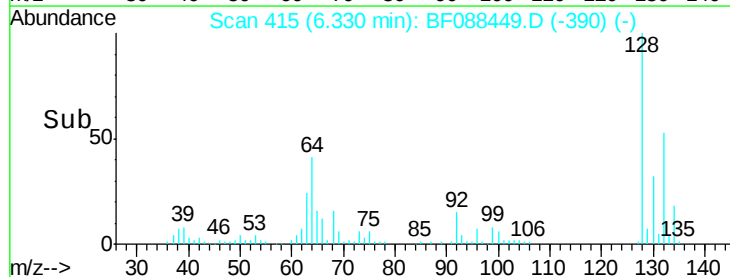
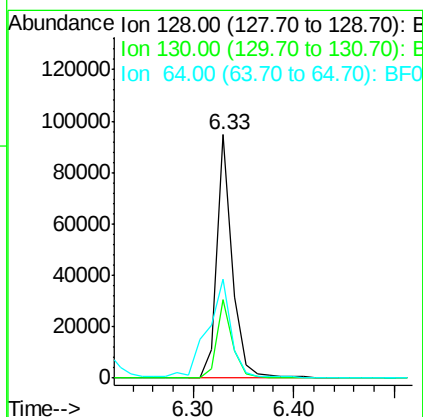
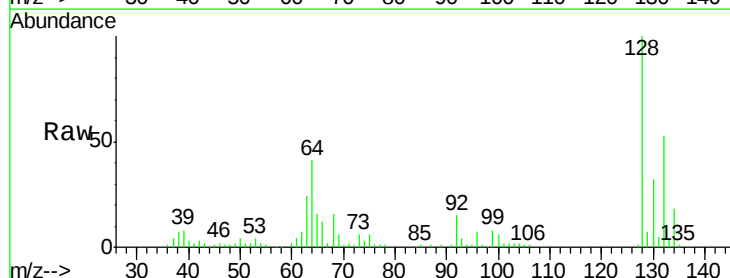
RT: 6.33 min Scan# 415

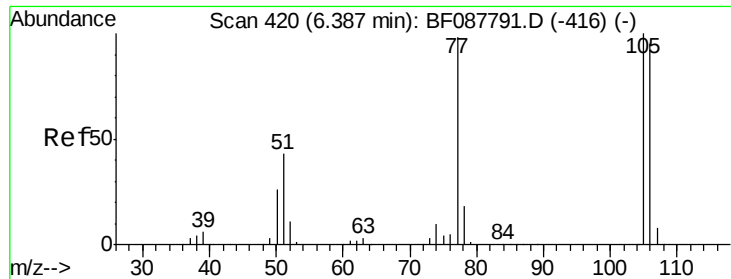
Delta R.T. -0.01 min

Lab File: BF088449.D

Acq: 27 Jun 2016 11:53

Tgt Ion:	128	Resp:	101267
Ion Ratio	Lower	Upper	
128	100		
130	32.0	12.0	52.0
64	40.5	30.8	70.8





#9

Benzaldehyde

Concen: 10.44 ng

RT: 6.09 min Scan# 394

Delta R.T. -0.01 min

Lab File: BF088449.D

Acq: 27 Jun 2016 11:53

Instrument :

BNA_F

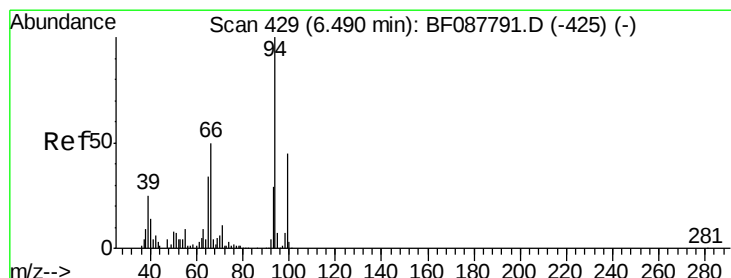
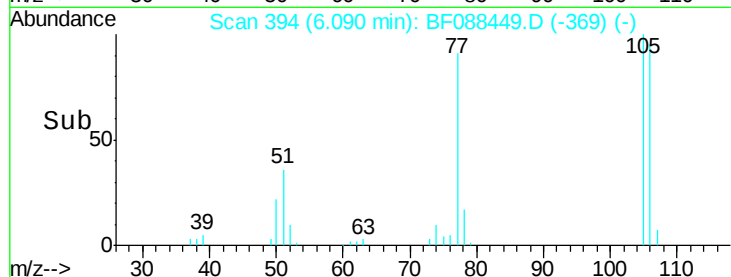
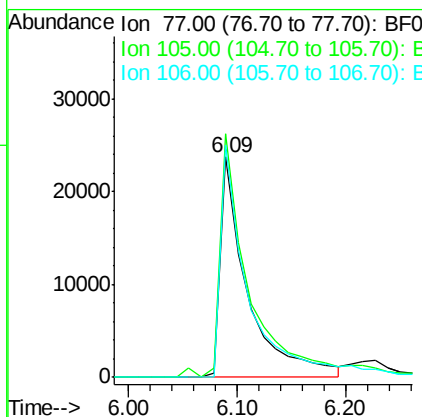
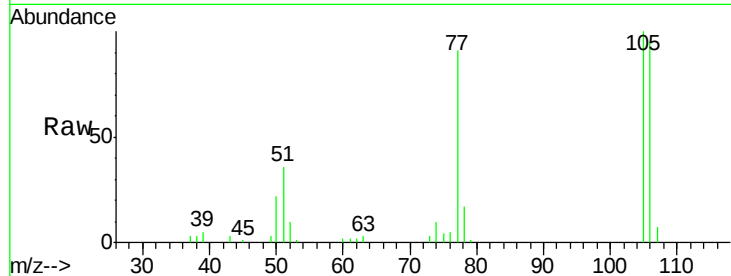
ClientSampleId :

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Tgt Ion:	77	Resp:	41252
Ion	Ratio	Lower	Upper
77	100		
105	110.5	90.6	130.6
106	105.3	85.3	125.3

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#10

Phenol

Concen: 21.16 ng

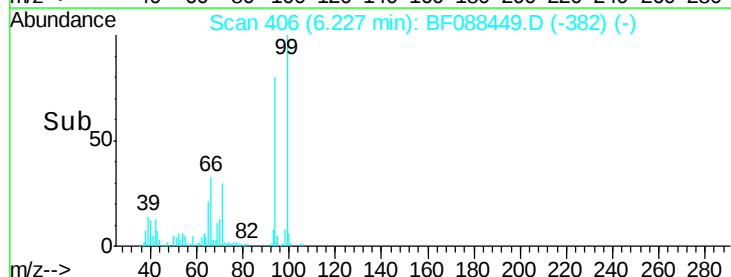
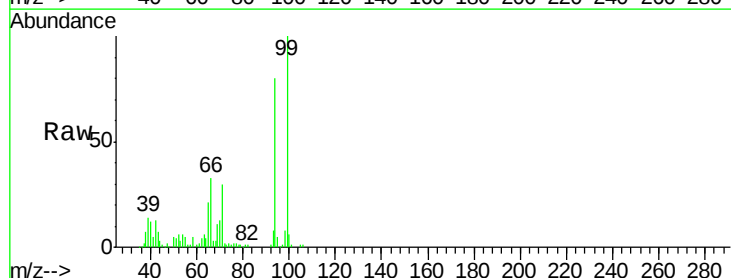
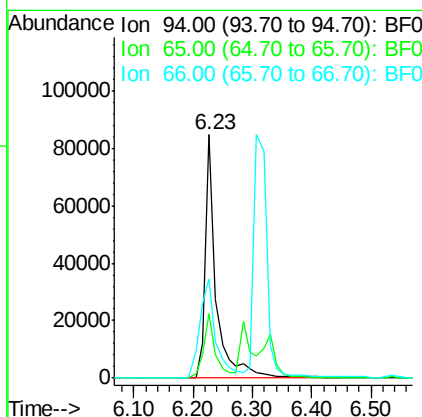
RT: 6.23 min Scan# 406

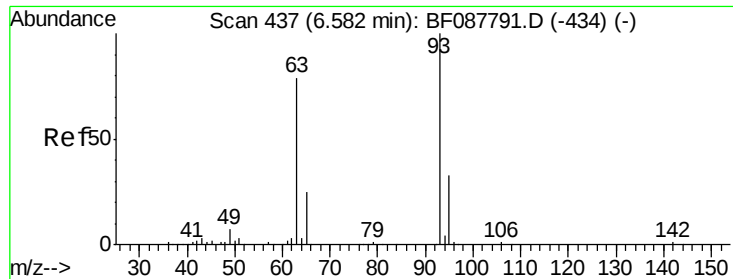
Delta R.T. -0.02 min

Lab File: BF088449.D

Acq: 27 Jun 2016 11:53

Tgt Ion:	94	Resp:	112236
Ion	Ratio	Lower	Upper
94	100		
65	26.6	5.9	45.9
66	40.8	14.0	54.0





#11

bis(2-Chloroethyl)ether

Concen: 23.46 ng

RT: 6.28 min Scan# 411

Delta R.T. -0.02 min

Lab File: BF088449.D

Acq: 27 Jun 2016 11:53

Instrument :

BNA_F

ClientSampleId :

HSR-WC-55-062216MS

Tgt Ion: 93 Resp: 99447

Ion Ratio Lower Upper

93 100

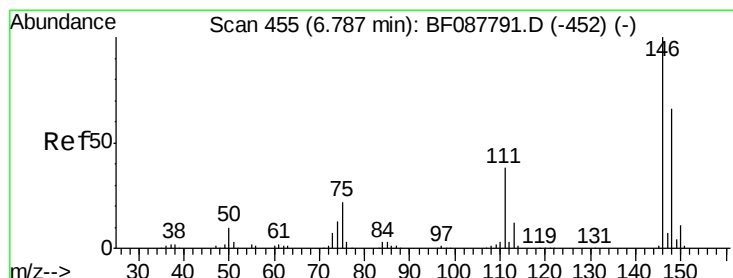
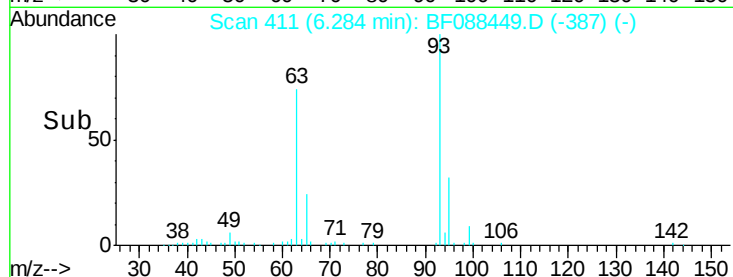
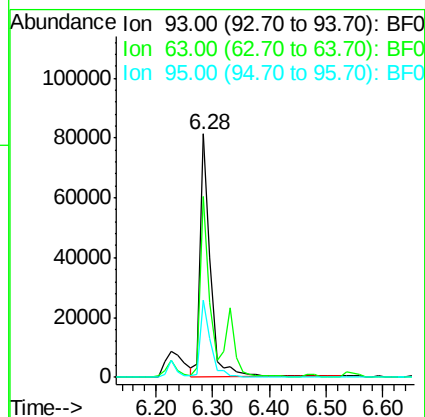
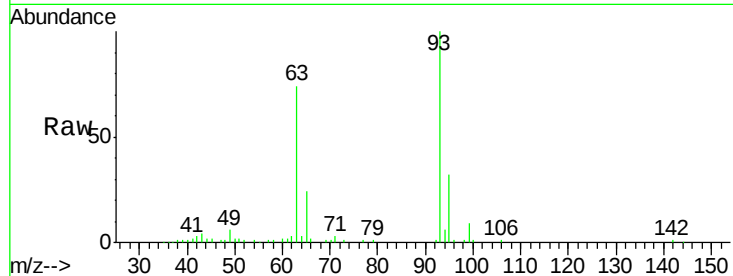
63 74.3 67.6 107.6

95 31.8 12.5 52.5

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#12

1,3-Dichlorobenzene

Concen: 18.73 ng

RT: 6.48 min Scan# 428

Delta R.T. -0.01 min

Lab File: BF088449.D

Acq: 27 Jun 2016 11:53

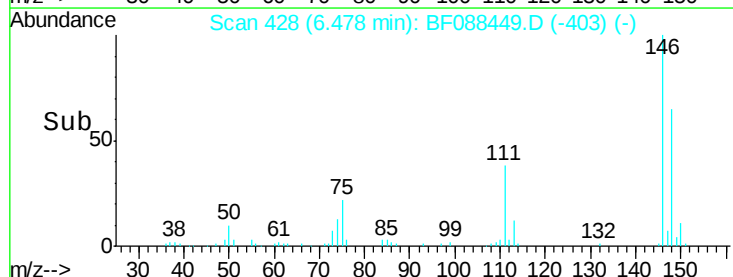
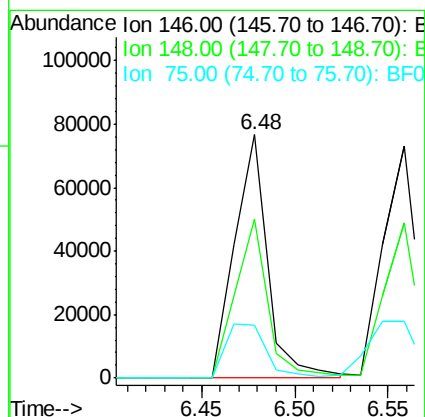
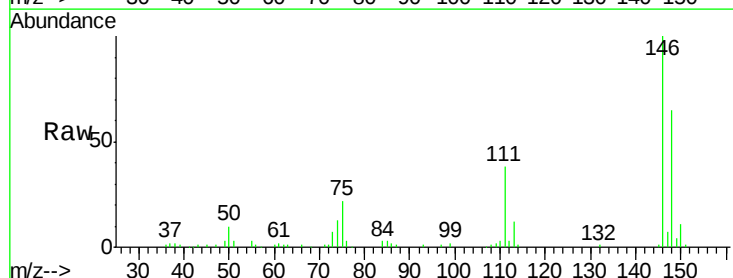
Tgt Ion: 146 Resp: 94890

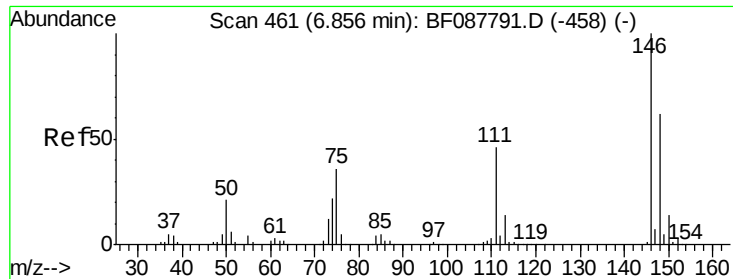
Ion Ratio Lower Upper

146 100

148 65.2 50.9 76.3

75 21.7 25.6 38.4#





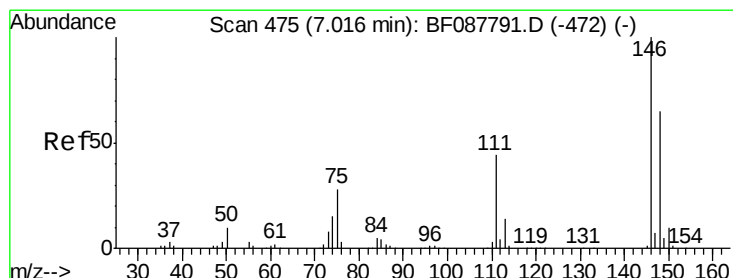
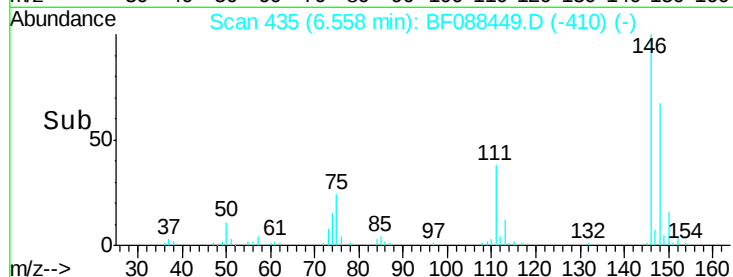
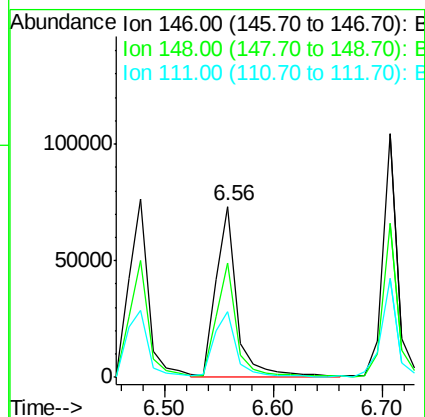
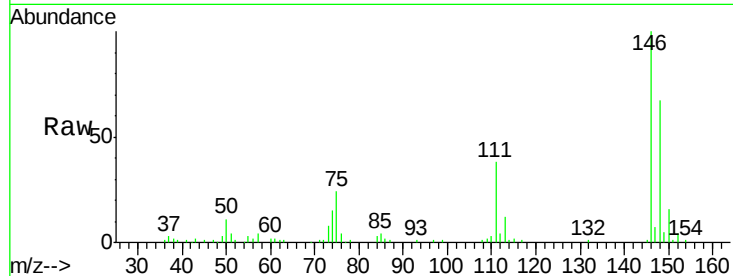
#13
1,4-Dichlorobenzene
Concen: 19.55 ng
RT: 6.56 min Scan# 435
Delta R.T. -0.01 min
Lab File: BF088449.D
Acq: 27 Jun 2016 11:53

Instrument :
BNA_F
ClientSampleId :
HSR-WC-55-062216MS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.8	52.0	78.0
111	38.3	33.8	50.8

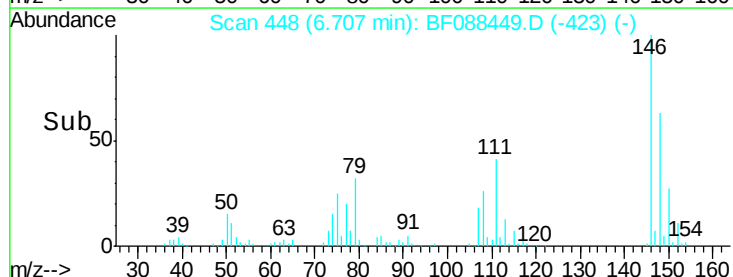
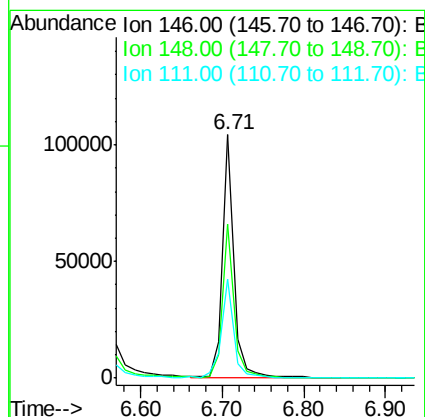
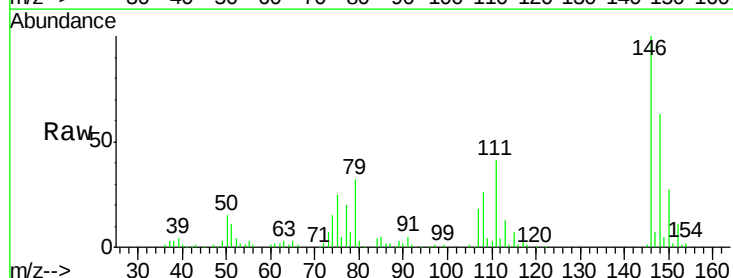
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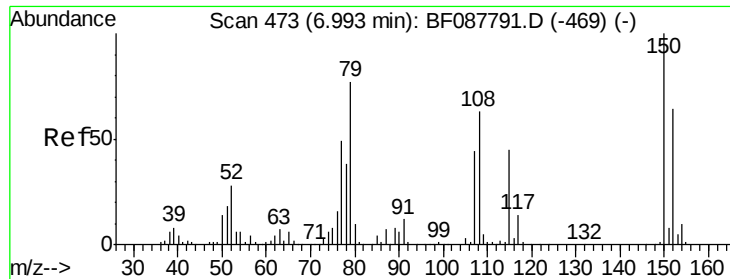
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#14
1,2-Dichlorobenzene
Concen: 22.11 ng
RT: 6.71 min Scan# 448
Delta R.T. -0.01 min
Lab File: BF088449.D
Acq: 27 Jun 2016 11:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	52.3	78.5
111	40.9	28.7	43.1





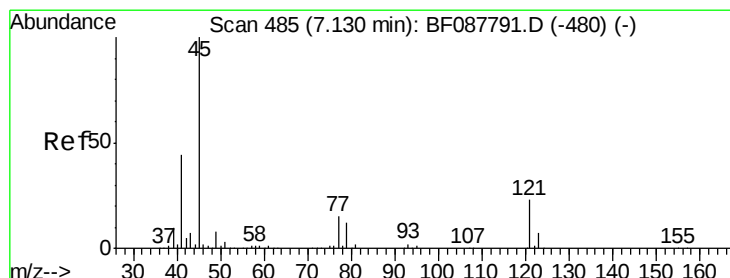
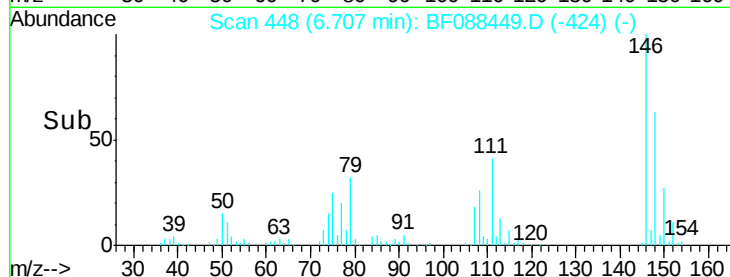
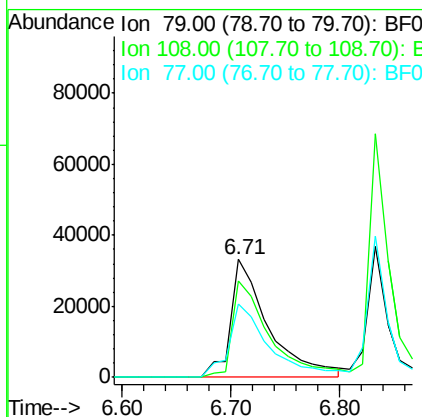
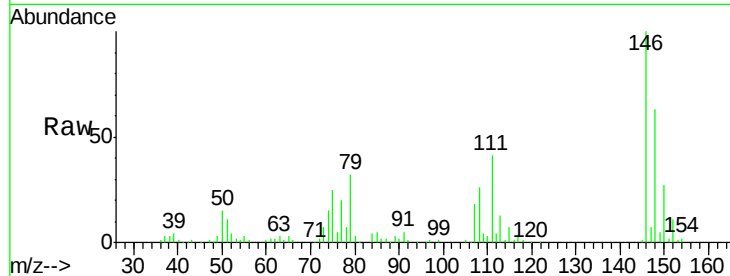
#15
Benzyl Alcohol
Concen: 21.19 ng
RT: 6.71 min Scan# 448
Delta R.T. -0.02 min
Lab File: BF088449.D
Acq: 27 Jun 2016 11:53

Instrument :
BNA_F
ClientSampleId :
HSR-WC-55-062216MS

Tgt Ion: 79 Resp: 80152
Ion Ratio Lower Upper
79 100
108 82.4 65.0 97.6
77 62.5 50.3 75.5

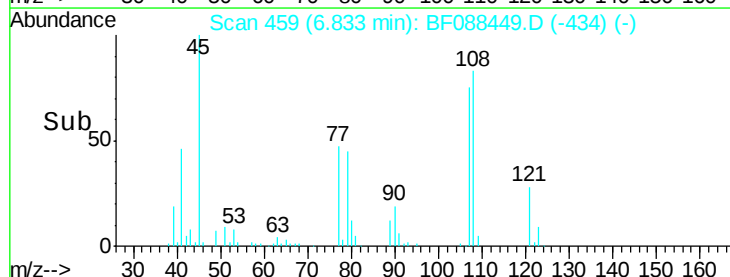
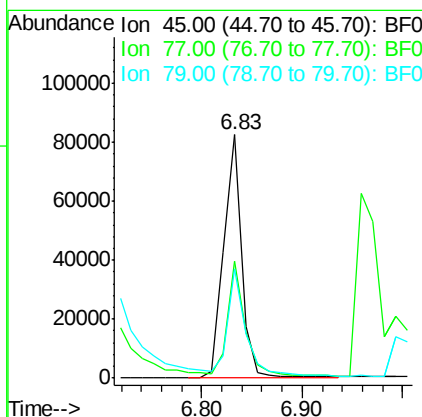
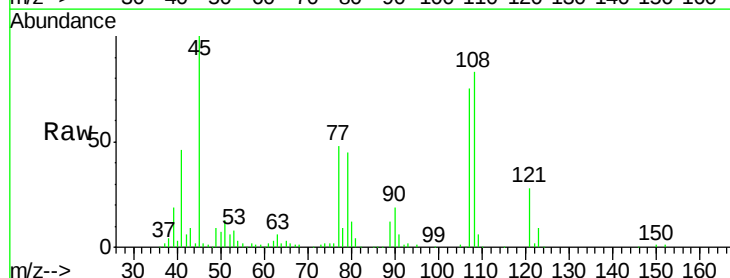
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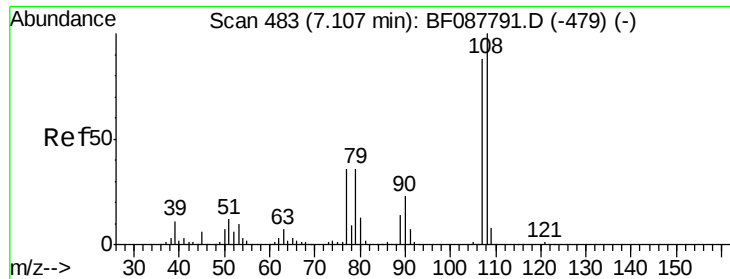
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 17.57 ng
RT: 6.83 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF088449.D
Acq: 27 Jun 2016 11:53

Tgt Ion: 45 Resp: 100643
Ion Ratio Lower Upper
45 100
77 48.1 0.0 32.5#
79 44.8 0.0 29.5#





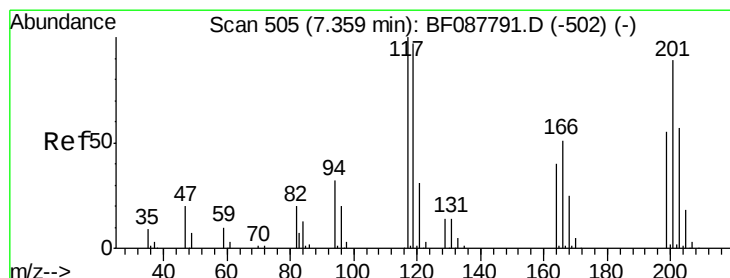
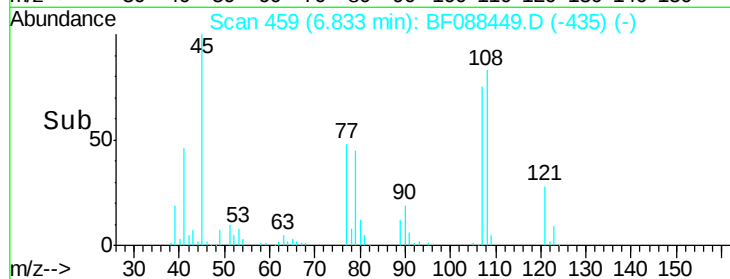
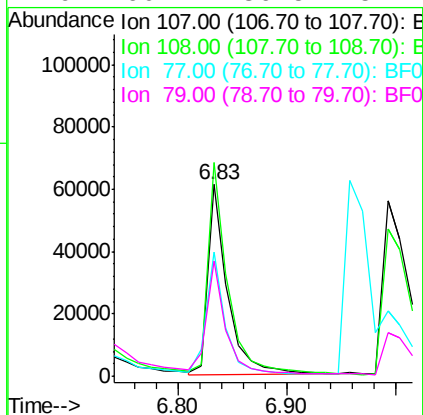
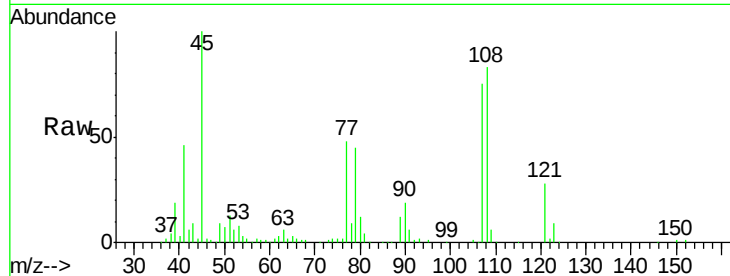
#17
2-Methylphenol
Concen: 20.00 ng
RT: 6.83 min Scan# 459
Delta R.T. -0.02 min
Lab File: BF088449.D
Acq: 27 Jun 2016 11:53

Instrument :
BNA_F
ClientSampleId :
HSR-WC-55-062216MS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	76597		
108	111.4	90.9	136.3	
77	64.5	36.6	55.0#	
79	60.1	36.5	54.7#	

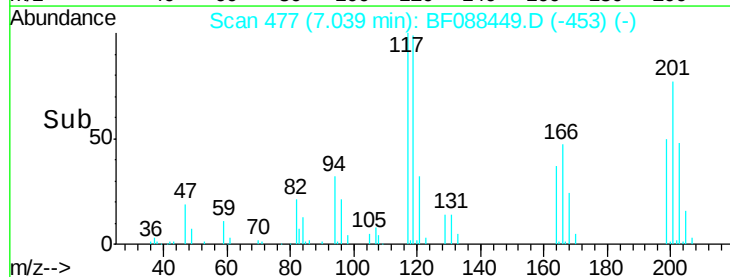
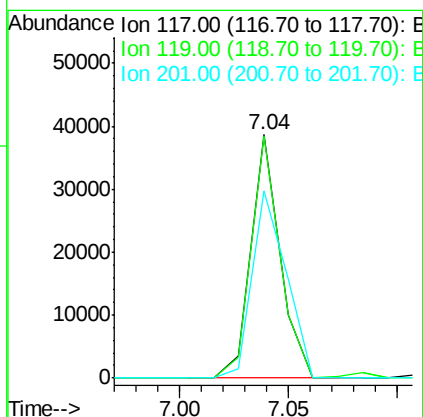
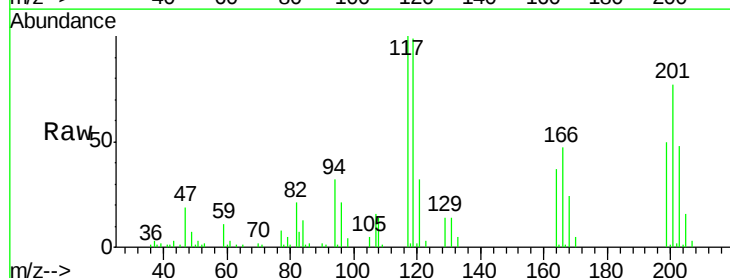
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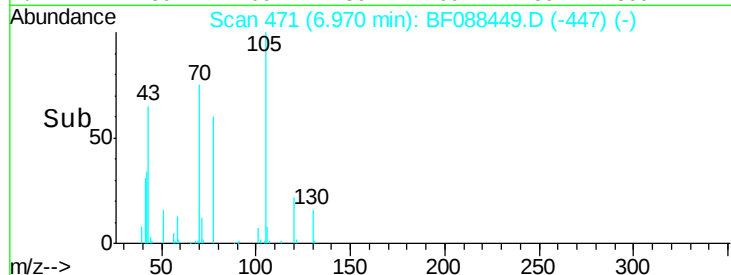
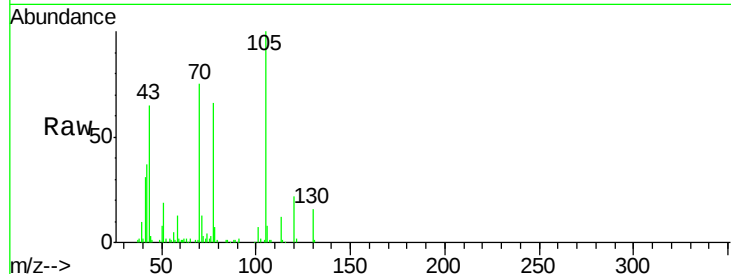
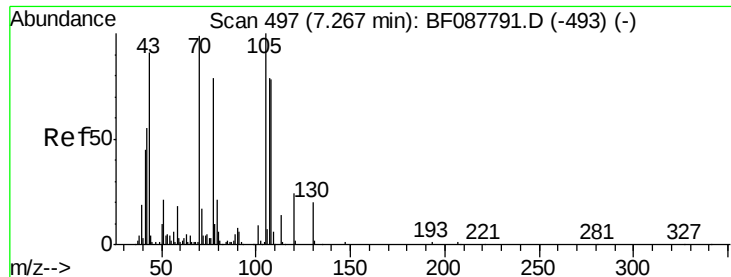
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#18
Hexachloroethane
Concen: 19.80 ng
RT: 7.04 min Scan# 477
Delta R.T. -0.02 min
Lab File: BF088449.D
Acq: 27 Jun 2016 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	35865		
119	99.4	77.4	116.2	
201	76.7	80.4	120.6#	





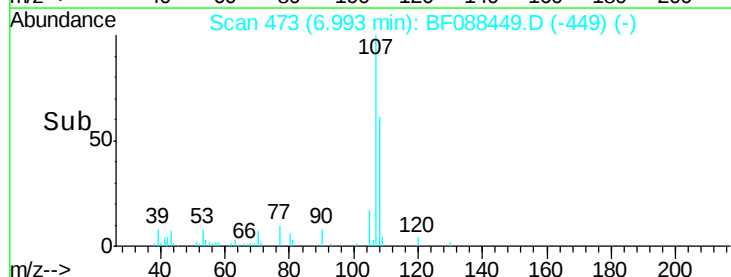
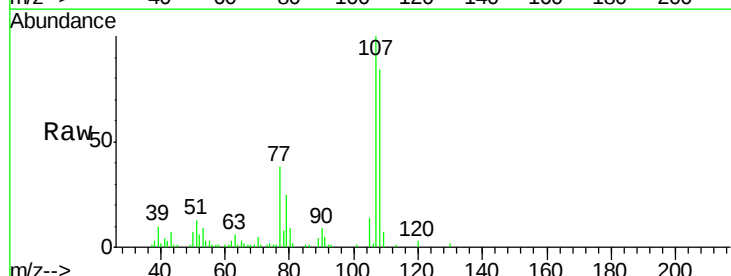
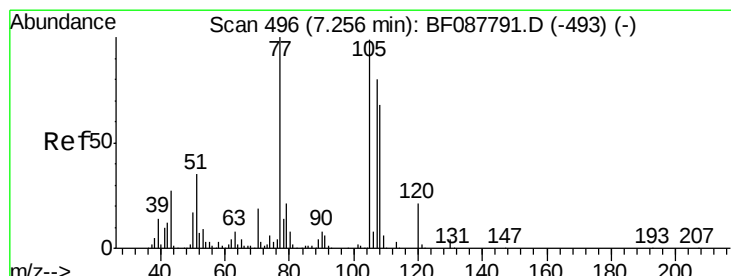
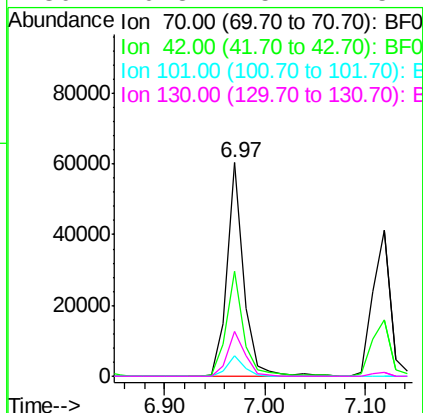
#19
n-Nitroso-di-n-propylamine
Concen: 22.63 ng
RT: 6.97 min Scan# 471
Delta R.T. -0.02 min
Lab File: BF088449.D
Acq: 27 Jun 2016 11:53

Instrument :
BNA_F
ClientSampleId :
HSR-WC-55-062216MS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	49.4	49.6	74.4#
101	9.9	7.1	10.7
130	20.8	15.4	23.2

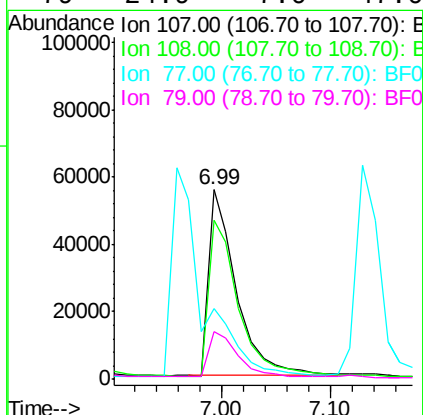
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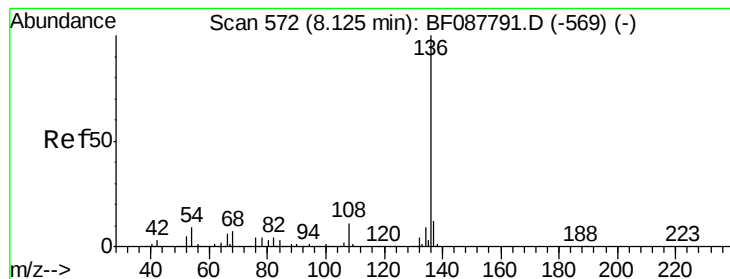
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#20
3+4-Methylphenols
Concen: 22.10 ng
RT: 6.99 min Scan# 473
Delta R.T. -0.02 min
Lab File: BF088449.D
Acq: 27 Jun 2016 11:53

Tgt Ion	Ratio	Lower	Upper
107	100		
108	84.3	67.8	107.8
77	37.6	59.3	99.3#
79	24.9	7.0	47.0





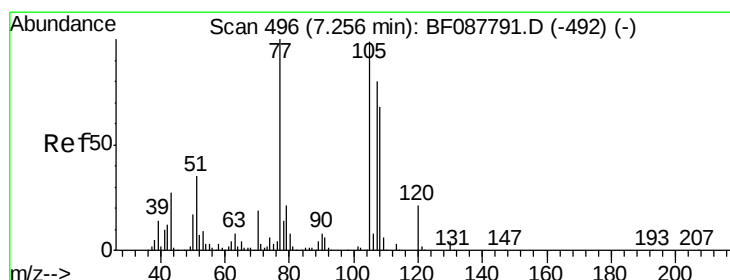
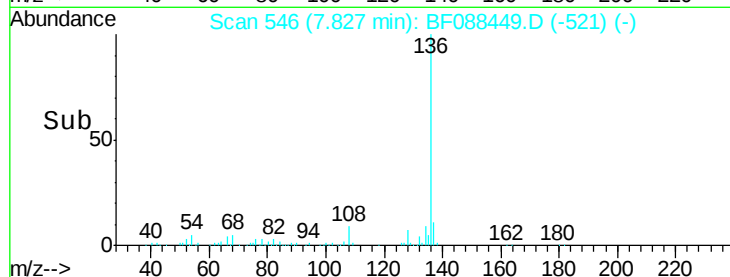
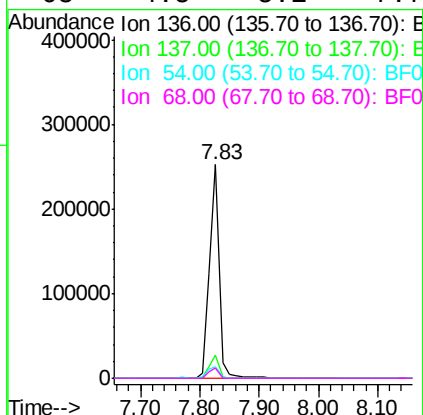
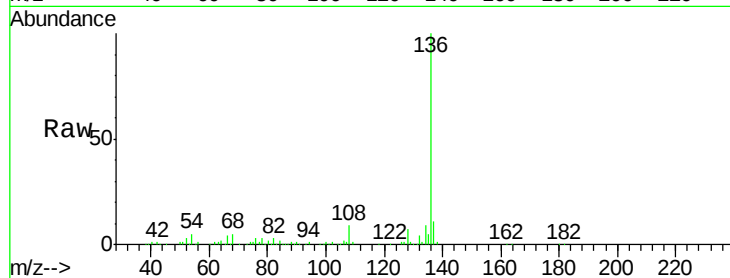
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.83 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF088449.D
Acq: 27 Jun 2016 11:53

Instrument :
BNA_F
ClientSampleId :
HSR-WC-55-062216MS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	285562		
137	10.7	9.1	13.7	
54	5.3	6.6	10.0#	
68	4.5	5.1	7.7#	

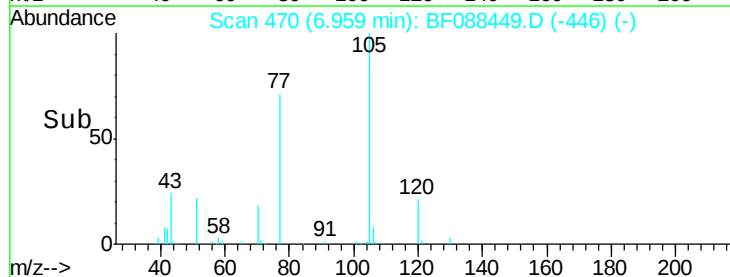
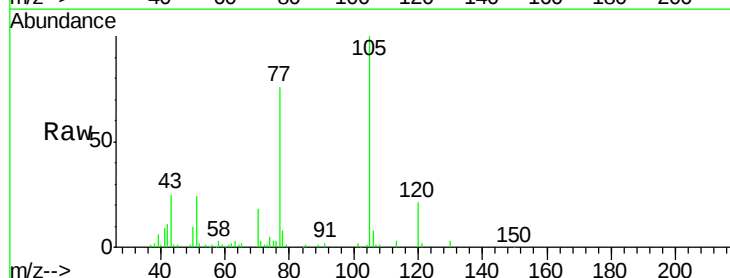
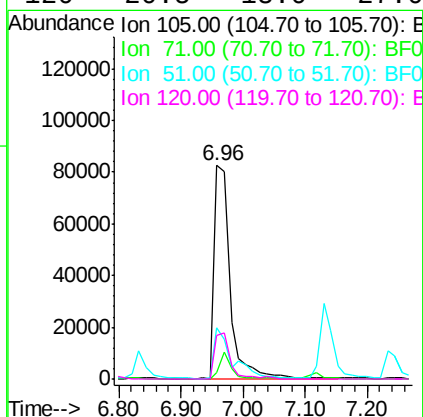
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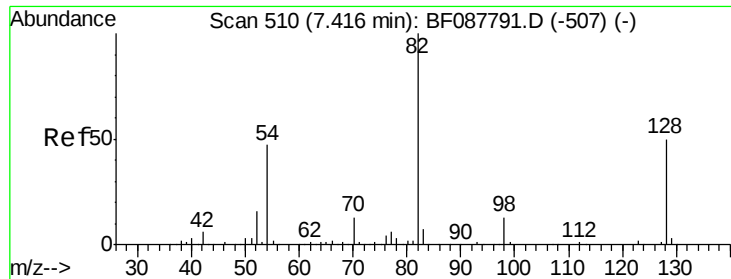
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#22
Acetophenone
Concen: 22.99 ng
RT: 6.96 min Scan# 470
Delta R.T. -0.02 min
Lab File: BF088449.D
Acq: 27 Jun 2016 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	146743		
71	3.3	5.3	7.9#	
51	23.9	18.2	27.4	
120	20.5	18.0	27.0	





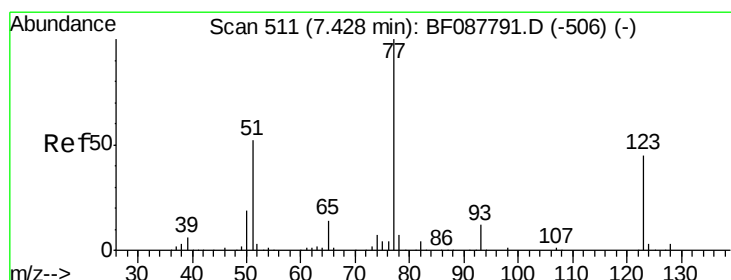
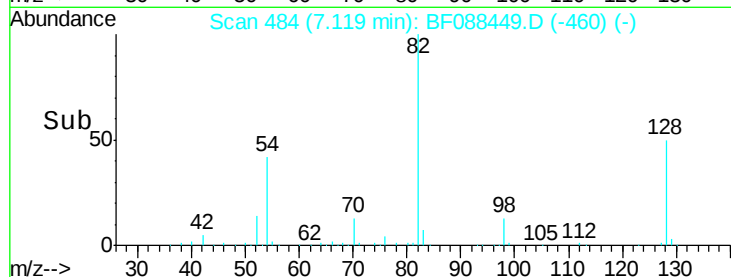
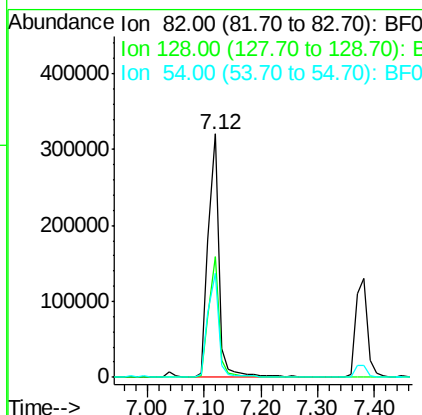
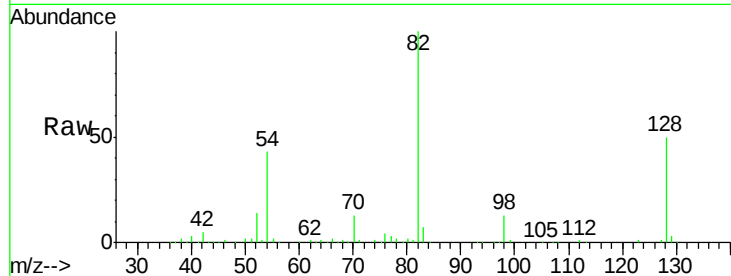
#23
 Nitrobenzene-d5
 Concen: 83.47 ng
 RT: 7.12 min Scan# 484
 Delta R.T. -0.02 min
 Lab File: BF088449.D
 Acq: 27 Jun 2016 11:53

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-55-062216MS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	408176		
128	49.6	35.9	53.9	
54	42.8	40.9	61.3	

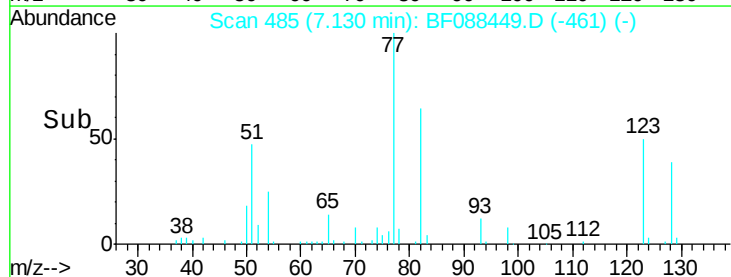
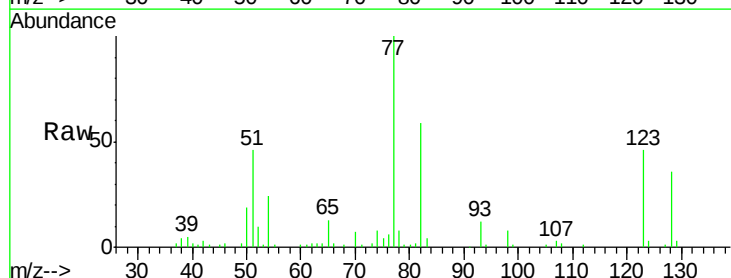
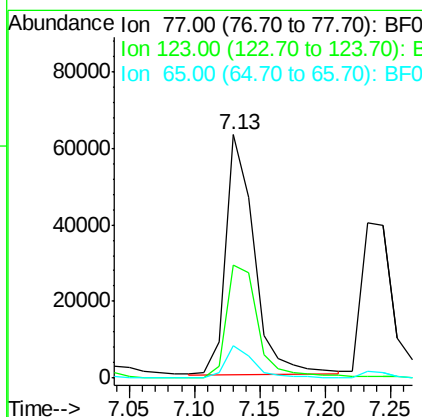
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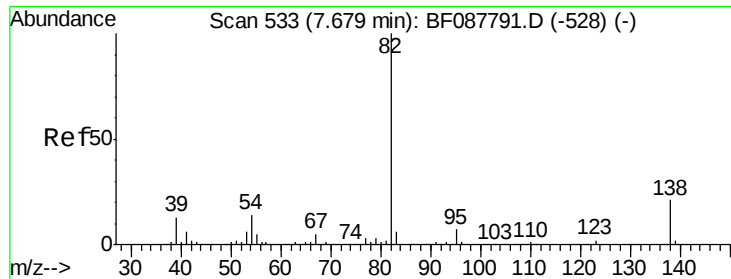
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#24
 Nitrobenzene
 Concen: 19.90 ng
 RT: 7.13 min Scan# 485
 Delta R.T. -0.02 min
 Lab File: BF088449.D
 Acq: 27 Jun 2016 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	94263		
123	46.3	45.0	67.4	
65	13.3	10.2	15.2	





#25

Isophorone

Concen: 20.42 ng

RT: 7.38 min Scan# 507

Delta R.T. -0.02 min

Lab File: BF088449.D

Acq: 27 Jun 2016 11:53

Instrument :

BNA_F

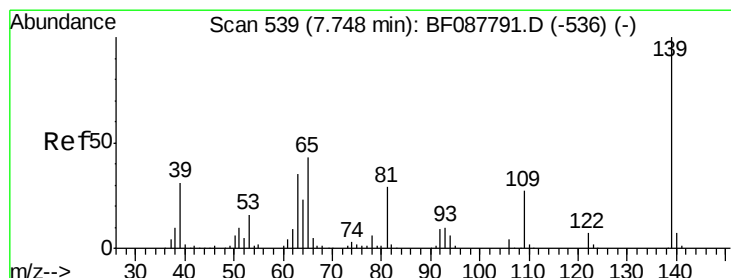
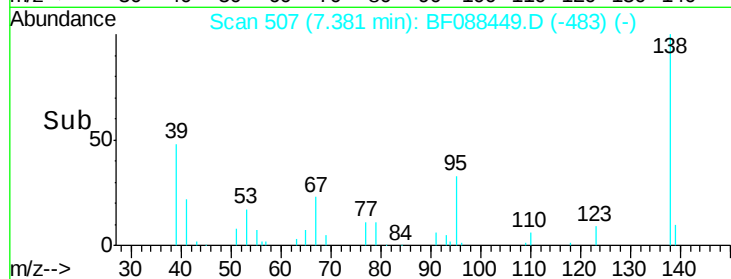
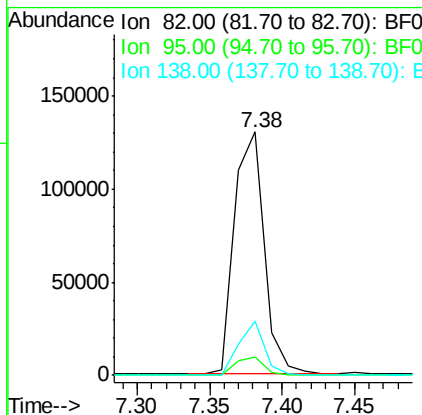
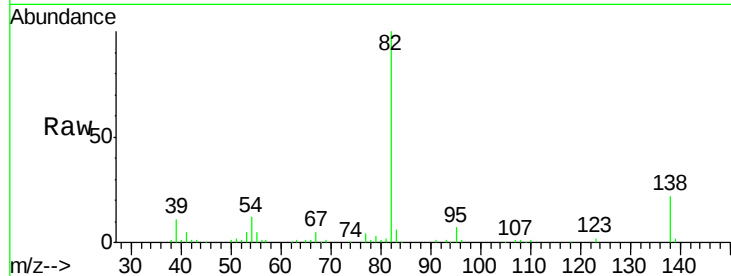
ClientSampleId :

HSR-WC-55-062216MS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	184940		
95	7.4	5.4	8.2	
138	22.2	14.6	21.8	

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#26

2-Nitrophenol

Concen: 22.51 ng

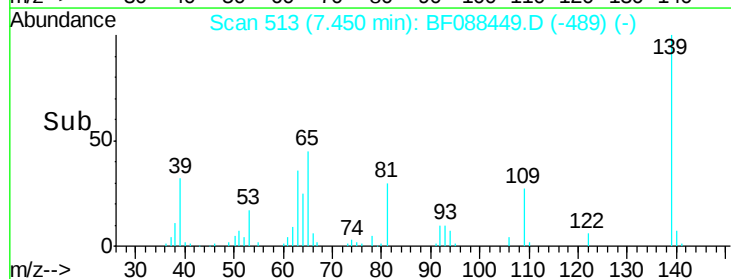
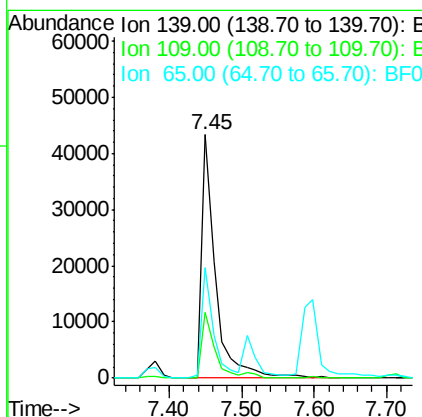
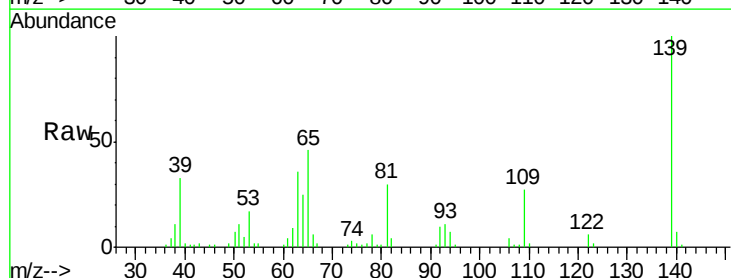
RT: 7.45 min Scan# 513

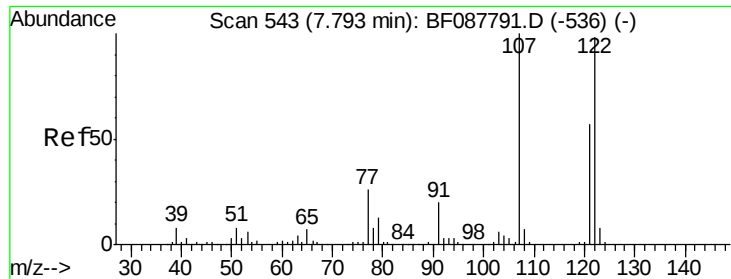
Delta R.T. -0.02 min

Lab File: BF088449.D

Acq: 27 Jun 2016 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	57113		
109	27.2	23.0	34.4	
65	45.6	45.8	68.8	





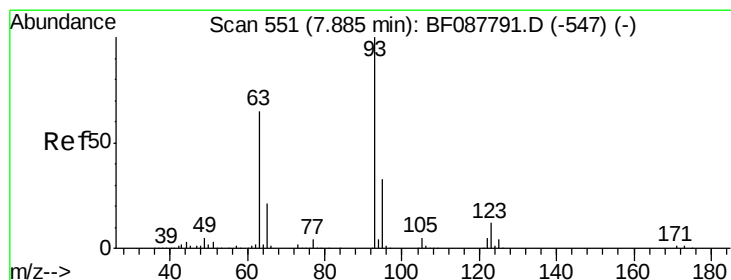
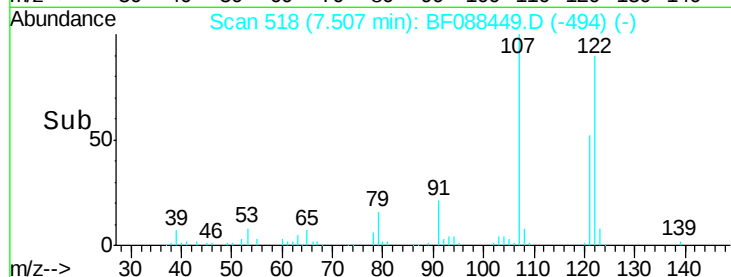
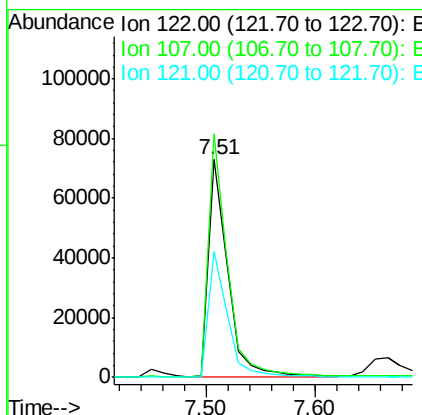
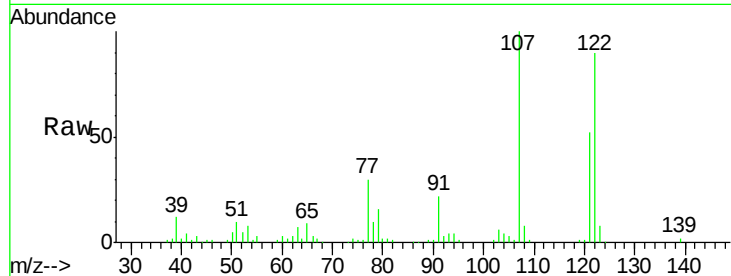
#27
2,4-Dimethylphenol
Concen: 20.00 ng
RT: 7.51 min Scan# 518
Delta R.T. -0.02 min
Lab File: BF088449.D
Acq: 27 Jun 2016 11:53

Instrument :
BNA_F
ClientSampleId :
HSR-WC-55-062216MS

Tgt Ion: 122 Resp: 93427
Ion Ratio Lower Upper
122 100
107 111.7 82.4 123.6
121 57.6 46.3 69.5

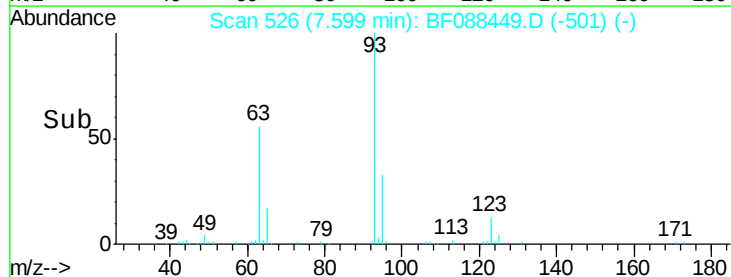
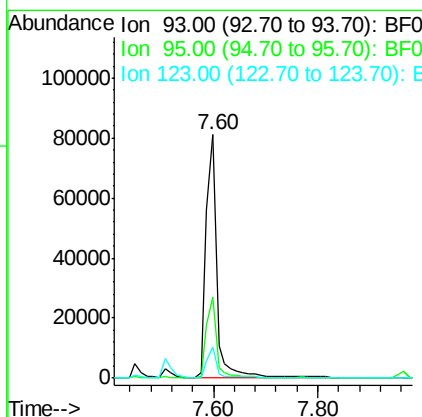
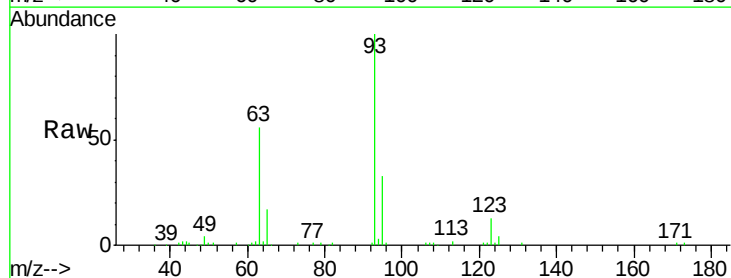
Manual Integrations
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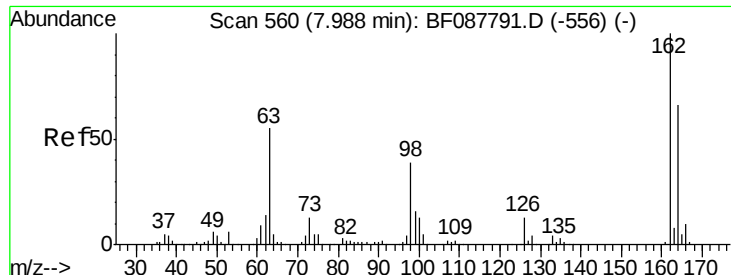
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#28
bis(2-Chloroethoxy)methane
Concen: 21.01 ng
RT: 7.60 min Scan# 526
Delta R.T. -0.01 min
Lab File: BF088449.D
Acq: 27 Jun 2016 11:53

Tgt Ion: 93 Resp: 118058
Ion Ratio Lower Upper
93 100
95 33.1 26.5 39.7
123 12.5 11.6 17.4





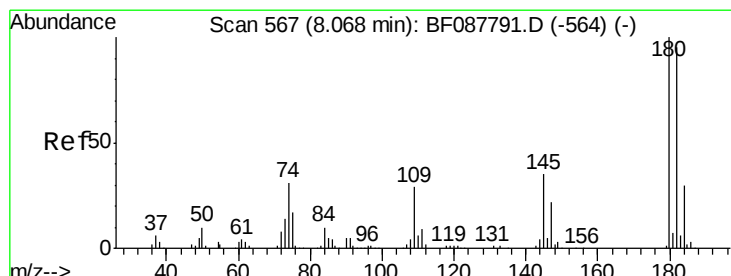
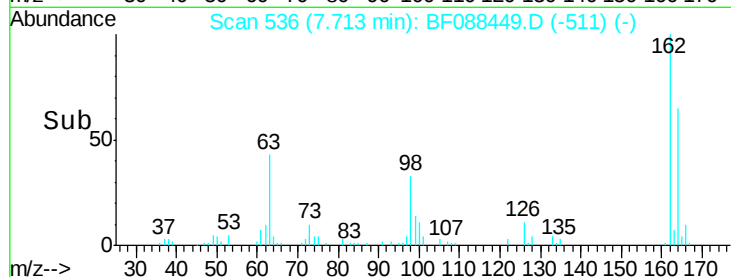
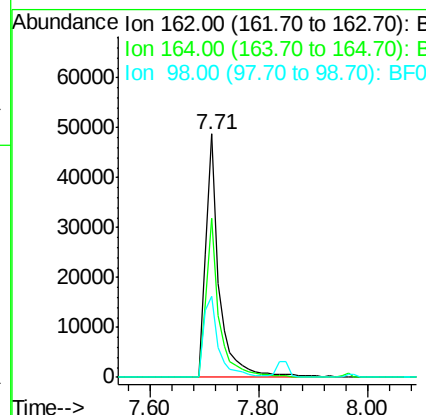
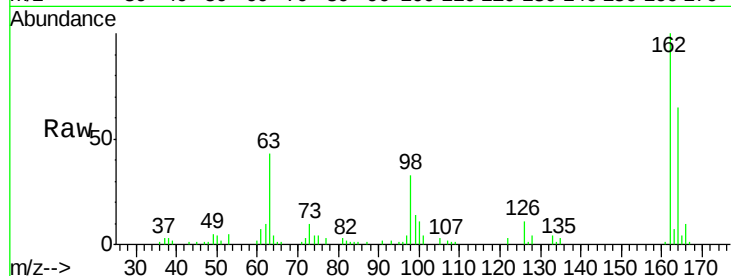
#29
 2,4-Dichlorophenol
 Concen: 21.18 ng
 RT: 7.71 min Scan# 536
 Delta R.T. -0.01 min
 Lab File: BF088449.D
 Acq: 27 Jun 2016 11:53

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-55-062216MS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	82603		
164	65.1	43.8	83.8	
98	33.2	21.3	61.3	

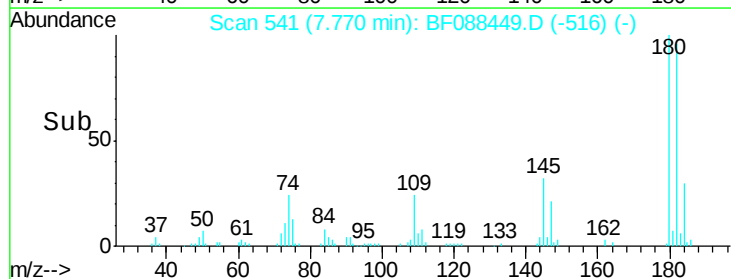
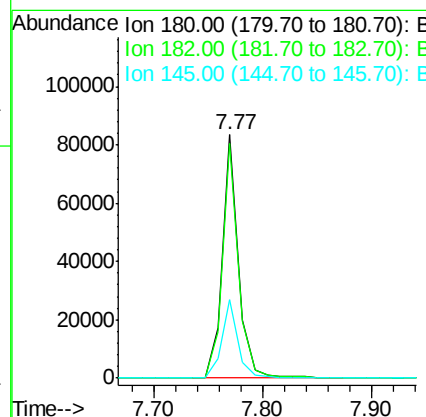
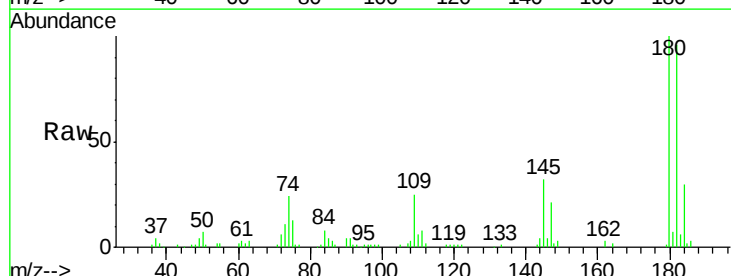
Manual Integrations
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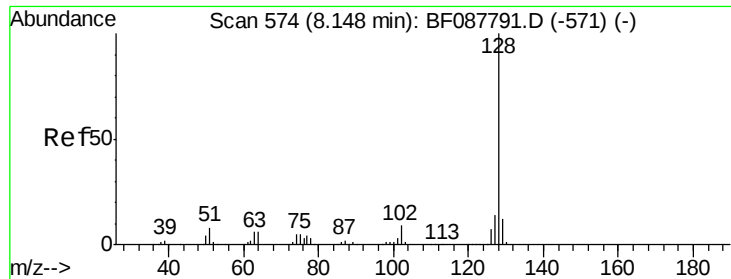
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#30
 1,2,4-Trichlorobenzene
 Concen: 20.41 ng
 RT: 7.77 min Scan# 541
 Delta R.T. -0.01 min
 Lab File: BF088449.D
 Acq: 27 Jun 2016 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	86673		
182	96.5	76.0	114.0	
145	32.5	26.5	39.7	





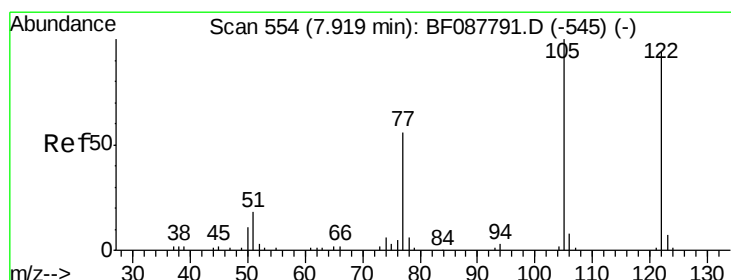
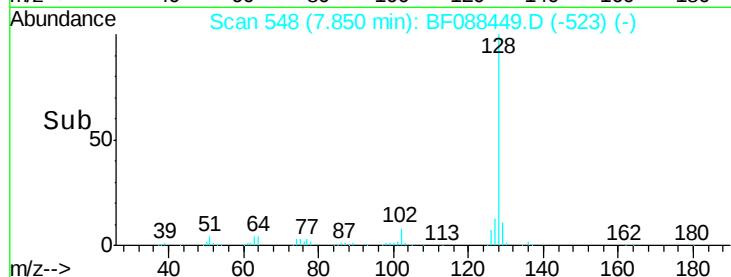
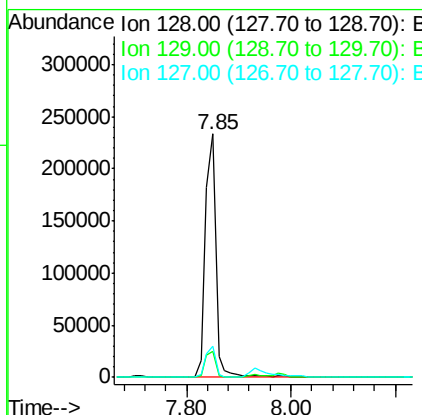
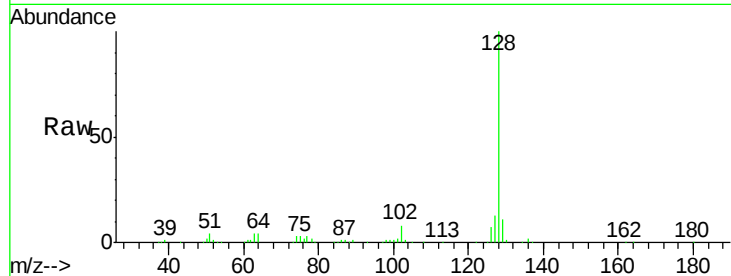
#31
Naphthalene
Concen: 23.37 ng
RT: 7.85 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF088449.D
Acq: 27 Jun 2016 11:53

Instrument :
BNA_F
ClientSampleId :
HSR-WC-55-062216MS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	330235		
129	10.5		9.4	14.2
127	12.7		10.9	16.3

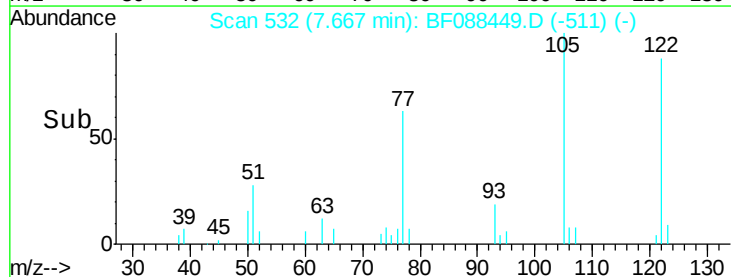
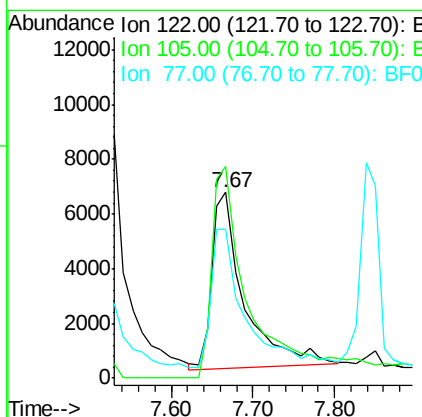
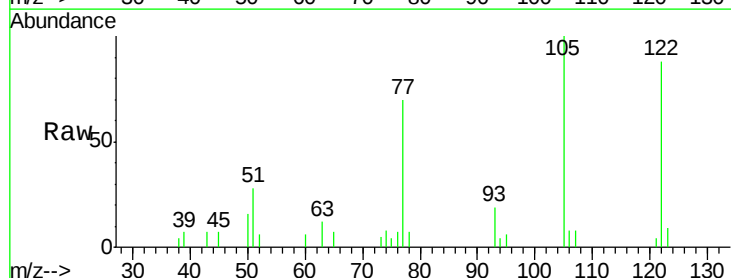
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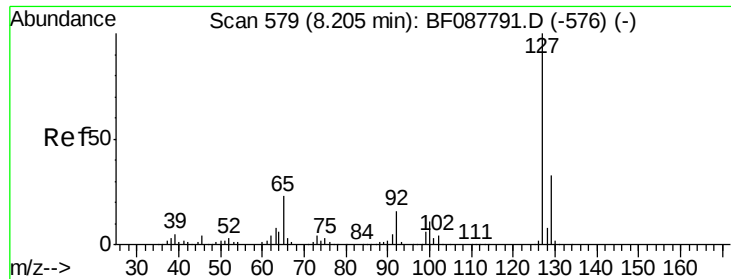
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#32
Benzoic acid
Concen: 6.95 ng
RT: 7.67 min Scan# 532
Delta R.T. -0.06 min
Lab File: BF088449.D
Acq: 27 Jun 2016 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	17872		
105	113.9		101.6	141.6
77	80.0		70.6	110.6





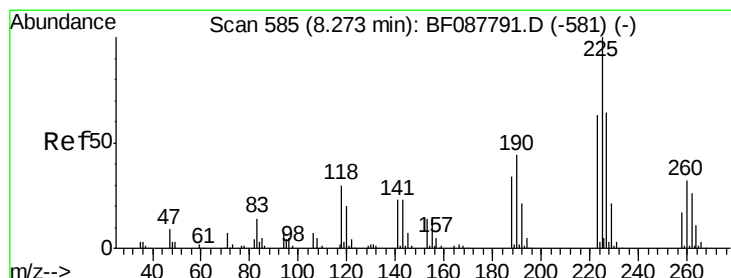
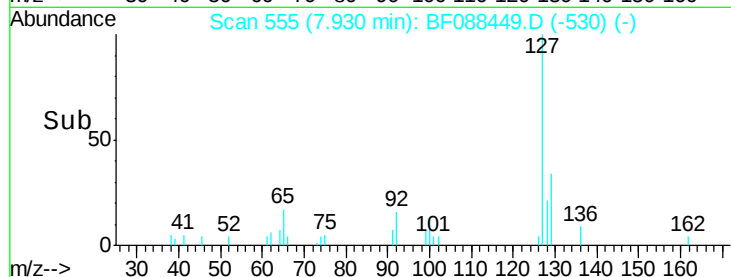
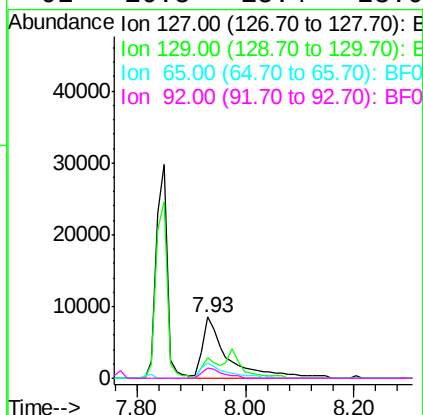
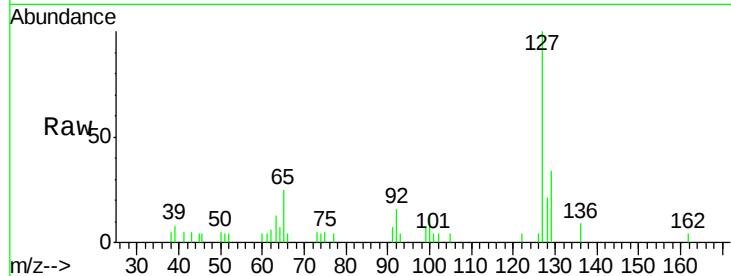
#33
4-Chloroaniline
Concen: 4.39 ng
RT: 7.93 min Scan# 555
Delta R.T. -0.01 min
Lab File: BF088449.D
Acq: 27 Jun 2016 11:53

Instrument :
BNA_F
ClientSampleId :
HSR-WC-55-062216MS

Tgt Ion	Ratio	Lower	Upper
127	100		
129	33.7	26.3	39.5
65	25.3	24.7	37.1
92	16.5	15.4	23.0

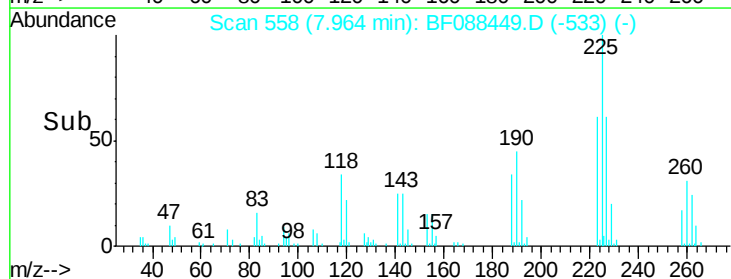
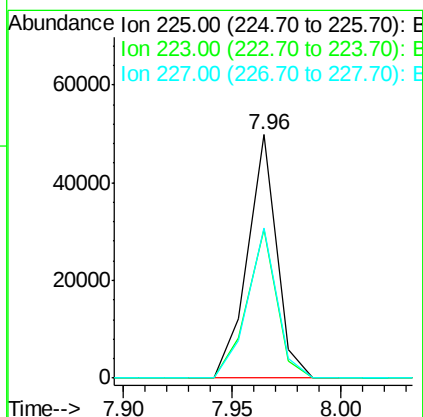
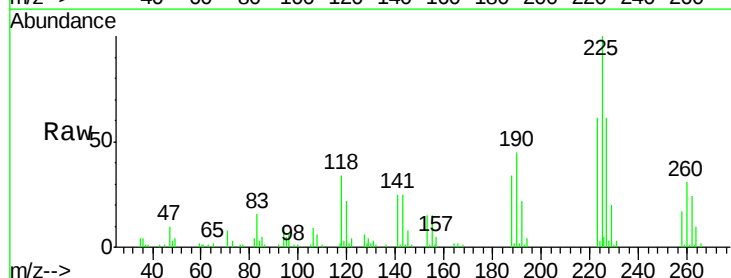
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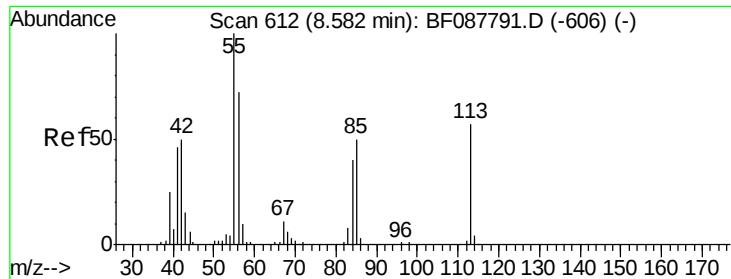
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#34
Hexachlorobutadiene
Concen: 20.75 ng
RT: 7.96 min Scan# 558
Delta R.T. -0.01 min
Lab File: BF088449.D
Acq: 27 Jun 2016 11:53

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.3	50.9	76.3
227	61.5	51.9	77.9





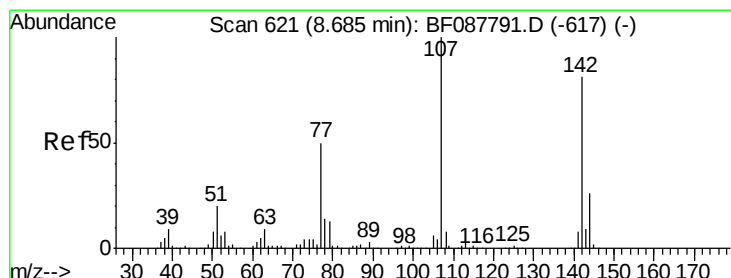
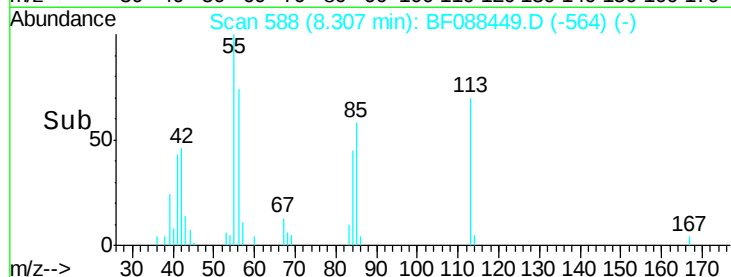
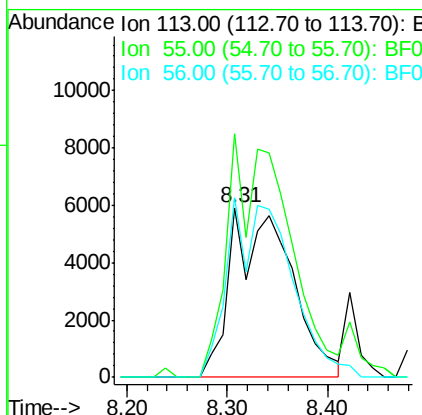
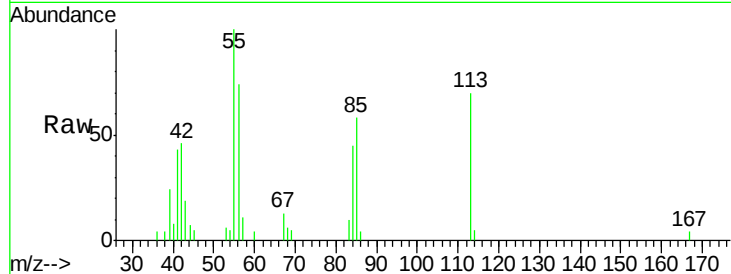
#35
 Caprolactam
 Concen: 18.78 ng
 RT: 8.31 min Scan# 588
 Delta R.T. -0.02 min
 Lab File: BF088449.D
 Acq: 27 Jun 2016 11:53

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-55-062216MS

Tgt Ion:113 Resp: 24264
 Ion Ratio Lower Upper
 113 100
 55 143.6 158.6 198.6#
 56 106.1 110.6 150.6#

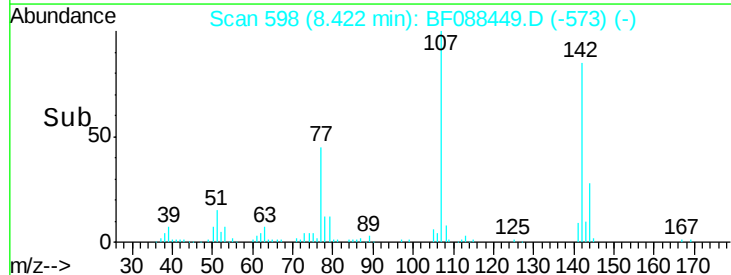
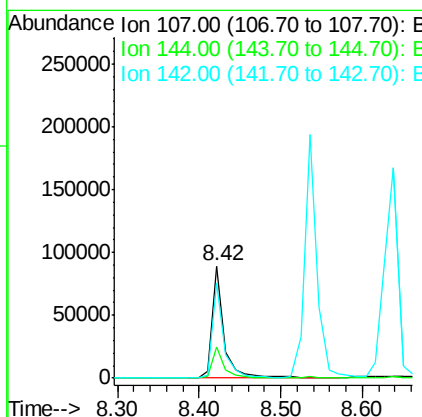
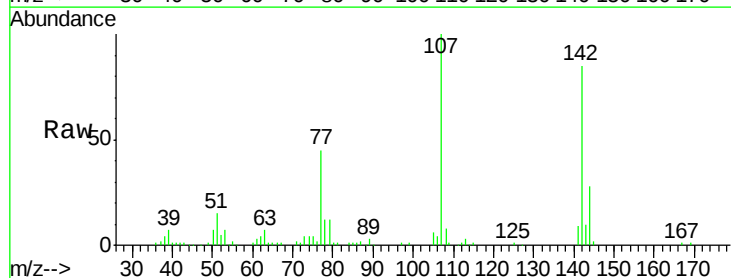
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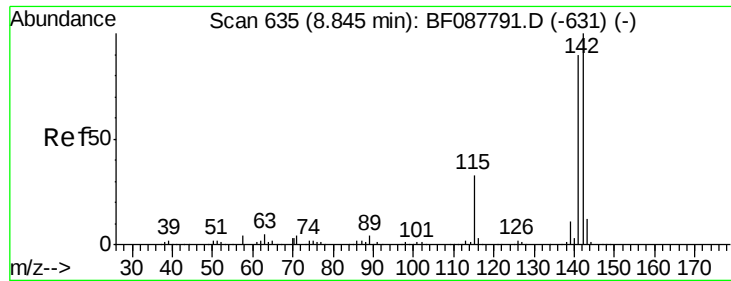
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#36
 4-Chloro-3-methylphenol
 Concen: 22.34 ng
 RT: 8.42 min Scan# 598
 Delta R.T. -0.01 min
 Lab File: BF088449.D
 Acq: 27 Jun 2016 11:53

Tgt Ion:107 Resp: 93182
 Ion Ratio Lower Upper
 107 100
 144 28.1 20.8 31.2
 142 85.2 63.4 95.2





#37

2-Methylnaphthalene

Concen: 21.96 ng m

RT: 8.54 min Scan# 608

Delta R.T. -0.01 min

Lab File: BF088449.D

Acq: 27 Jun 2016 11:53

Instrument :

BNA_F

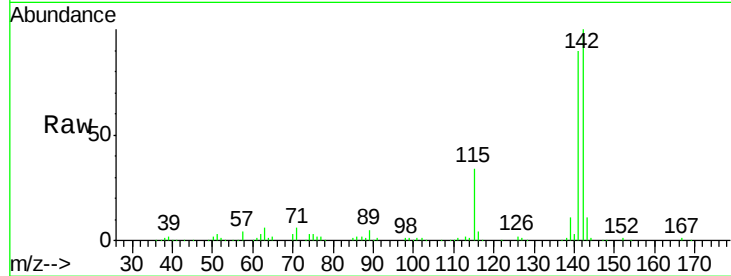
ClientSampleId :

HSR-WC-55-062216MS

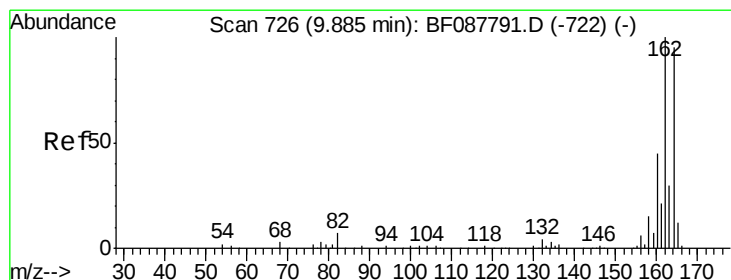
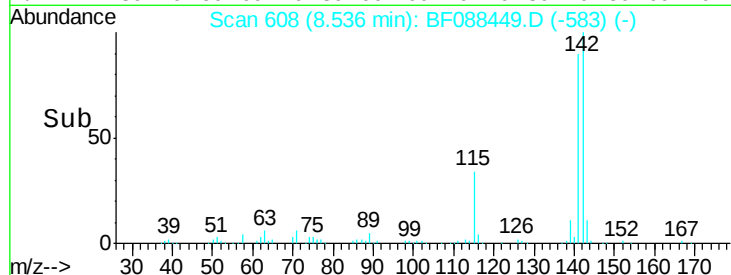
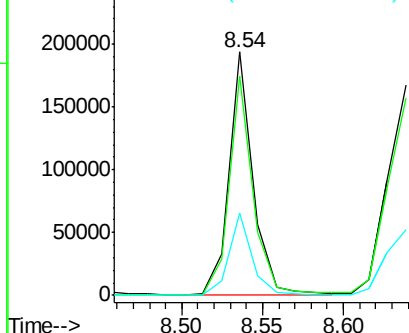
Tgt Ion:	142	Resp:	204563
Ion Ratio	Lower	Upper	
142	100		
141	90.0	71.0	106.6
115	33.9	22.6	33.8#

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Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

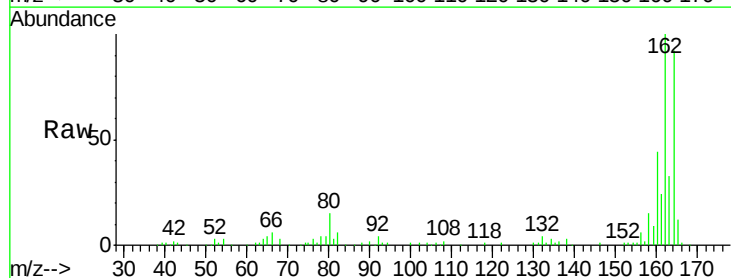
RT: 9.58 min Scan# 699

Delta R.T. -0.01 min

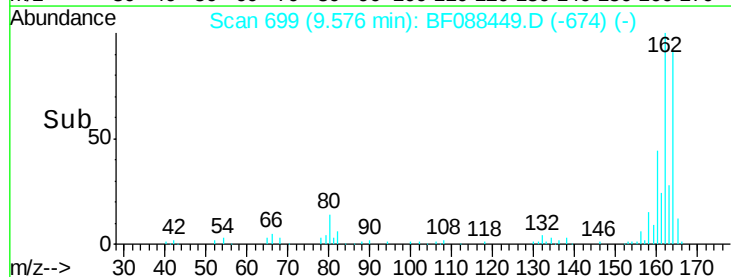
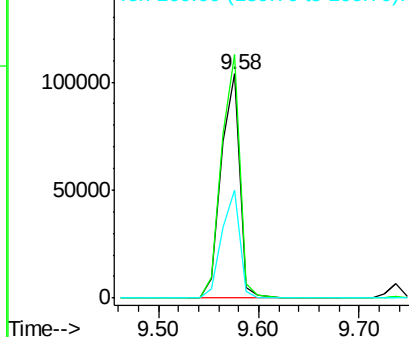
Lab File: BF088449.D

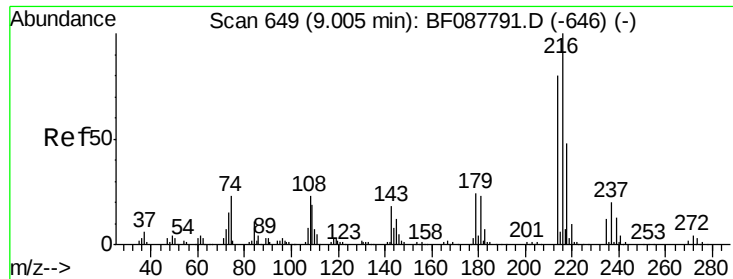
Acq: 27 Jun 2016 11:53

Tgt Ion:	164	Resp:	132831
Ion Ratio	Lower	Upper	
164	100		
162	108.6	85.4	128.2
160	48.2	39.5	59.3



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 21.22 ng

RT: 8.71 min Scan# 623

Delta R.T. -0.01 min

Lab File: BF088449.D

Acq: 27 Jun 2016 11:53

Instrument :

BNA_F

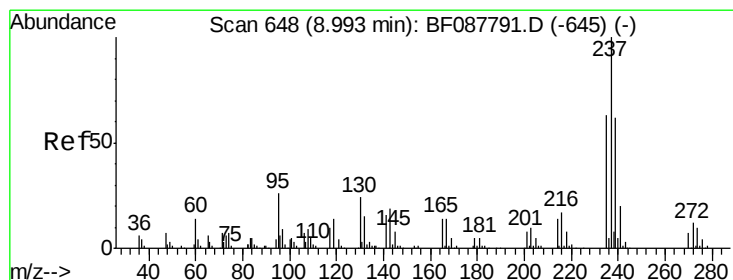
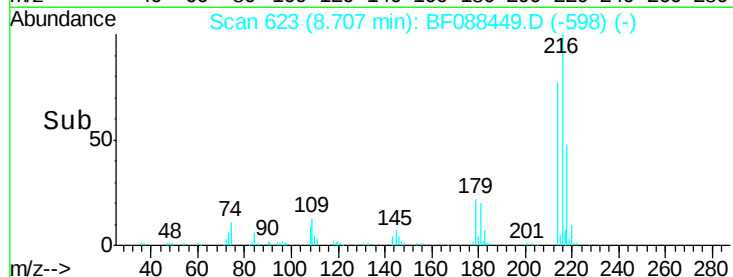
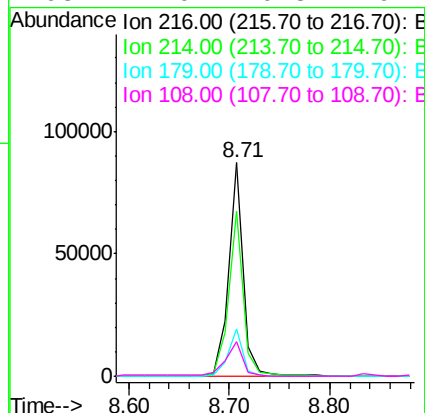
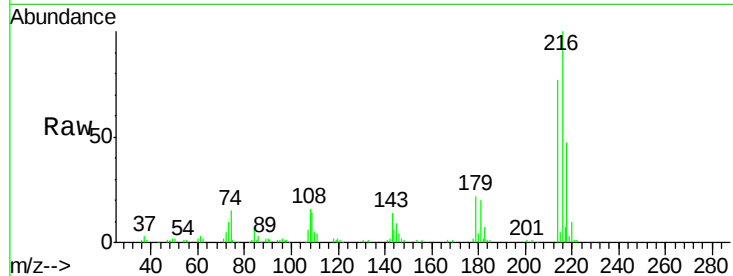
ClientSampleId :

HSR-WC-55-062216MS

Tgt Ion:	216	Resp:	87308
Ion Ratio	Lower	Upper	
216	100		
214	77.9	2.9	4.3#
179	22.2	0.0	0.0#
108	22.0	0.5	0.7#

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#40

Hexachlorocyclopentadiene

Concen: 11.18 ng

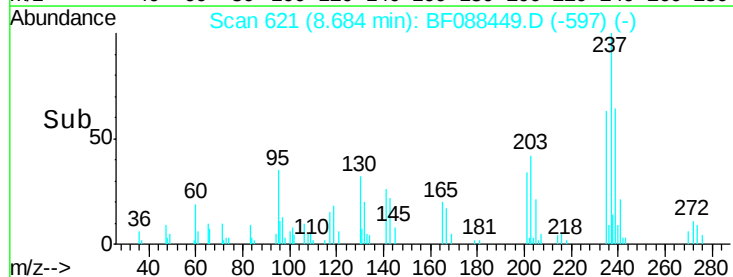
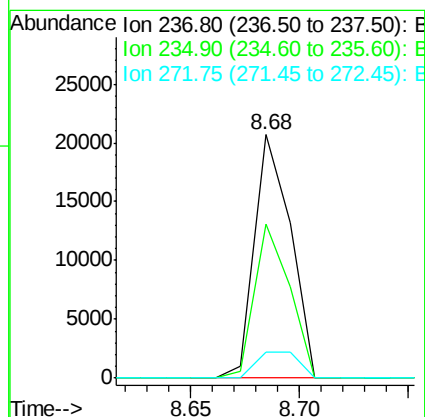
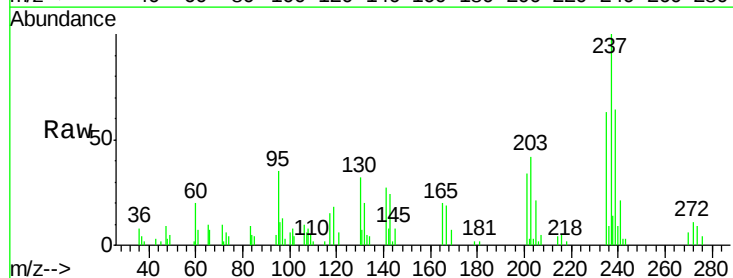
RT: 8.68 min Scan# 621

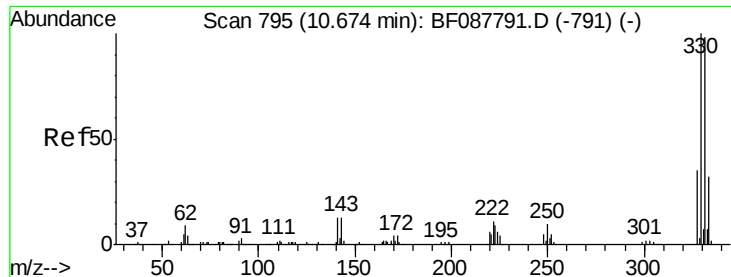
Delta R.T. -0.02 min

Lab File: BF088449.D

Acq: 27 Jun 2016 11:53

Tgt Ion:	237	Resp:	23951
Ion Ratio	Lower	Upper	
237	100		
235	63.2	43.4	83.4
272	10.9	0.0	32.3





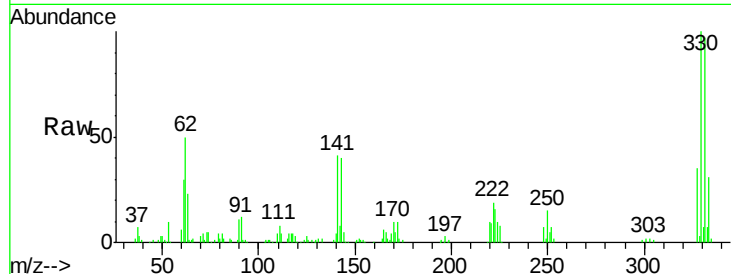
#41
 2,4,6-Tribromophenol
 Concen: 113.33 ng
 RT: 10.36 min Scan# 768
 Delta R.T. -0.01 min
 Lab File: BF088449.D
 Acq: 27 Jun 2016 11:53

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-55-062216MS

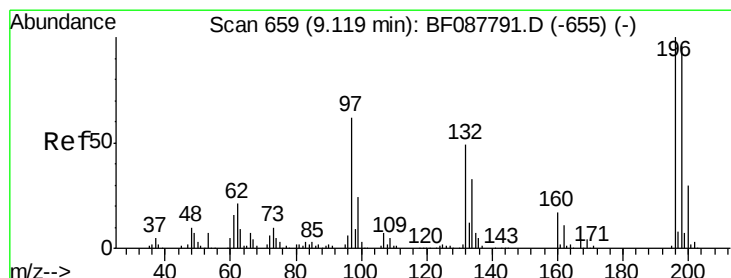
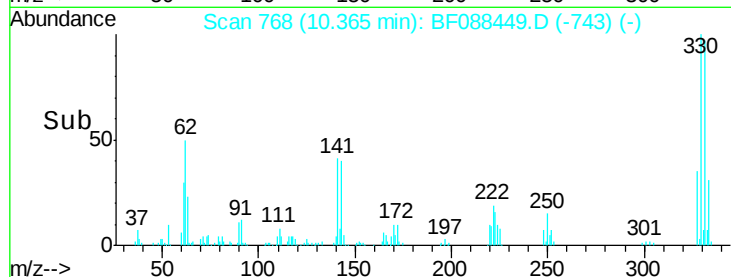
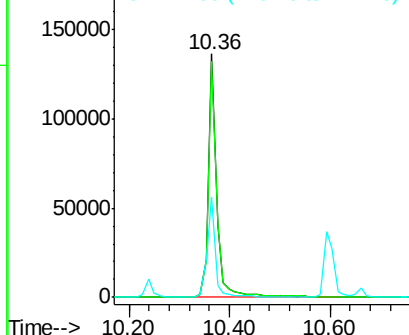
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	158948		
332	97.1	0.0	0.0	0.0
141	42.0	0.0	0.0	0.0

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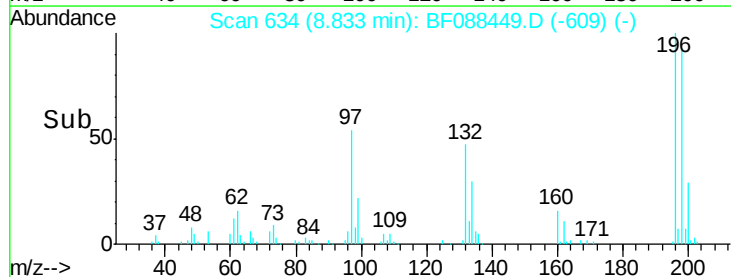
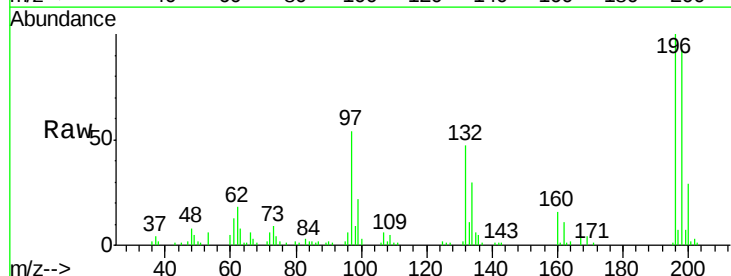
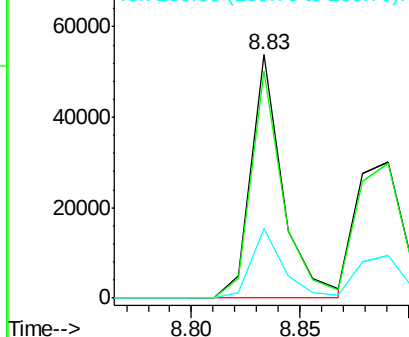
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

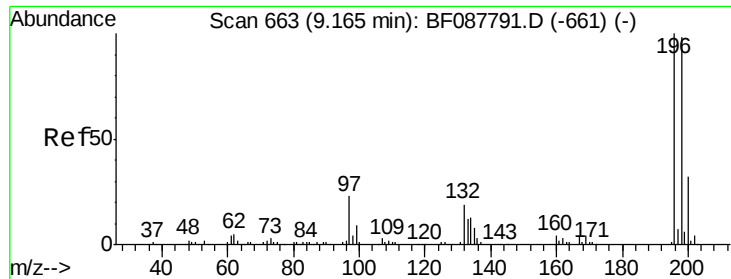


#42
 2,4,6-Trichlorophenol
 Concen: 20.68 ng
 RT: 8.83 min Scan# 634
 Delta R.T. -0.01 min
 Lab File: BF088449.D
 Acq: 27 Jun 2016 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	54921		
198	93.2	78.0	117.0	
200	28.7	25.4	38.2	

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





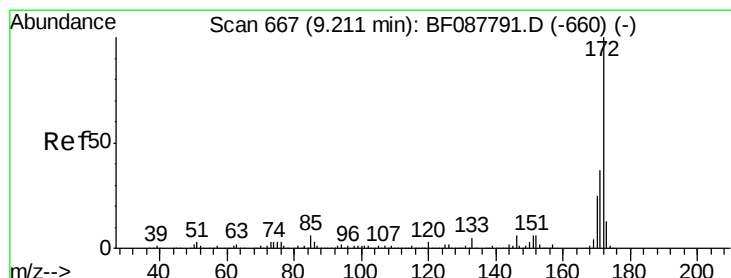
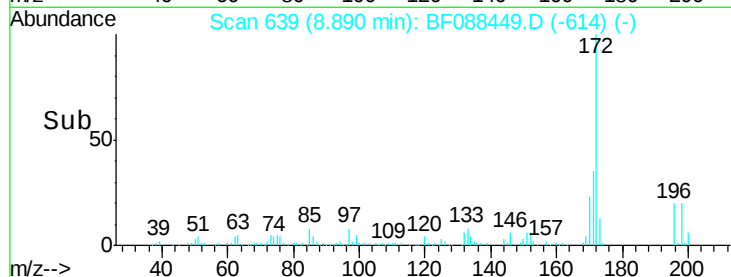
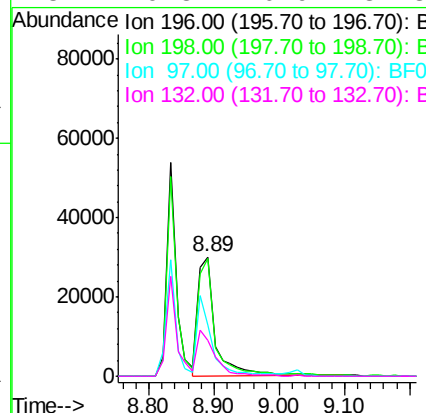
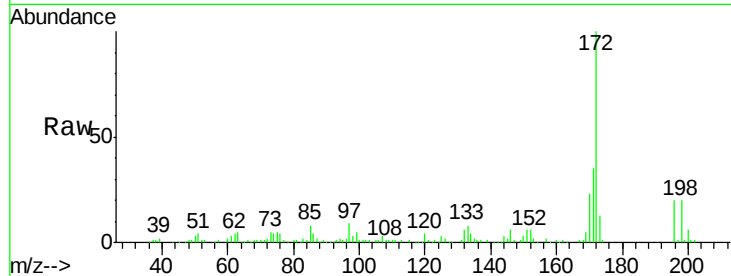
#43
 2,4,5-Trichlorophenol
 Concen: 19.92 ng
 RT: 8.89 min Scan# 639
 Delta R.T. -0.01 min
 Lab File: BF088449.D
 Acq: 27 Jun 2016 11:53

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-55-062216MS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	55046		
198	98.6	77.5	116.3	
97	42.5	32.0	48.0	
132	29.8	20.9	31.3	

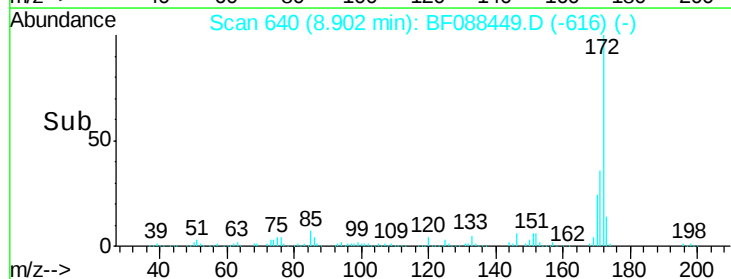
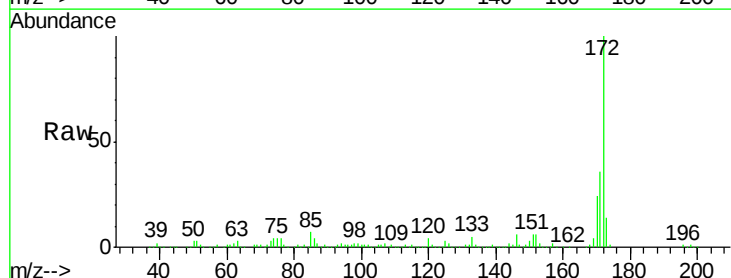
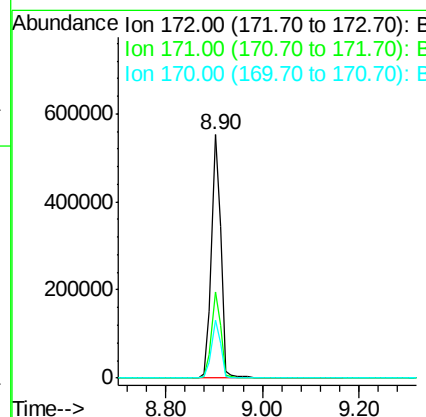
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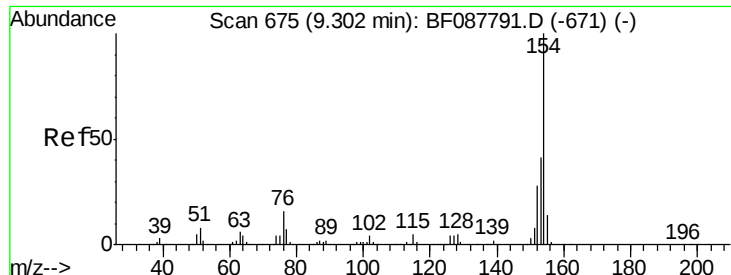
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#44
 2-Fluorobiphenyl
 Concen: 90.26 ng
 RT: 8.90 min Scan# 640
 Delta R.T. -0.02 min
 Lab File: BF088449.D
 Acq: 27 Jun 2016 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	760338		
171	35.6	28.6	43.0	
170	23.8	19.2	28.8	





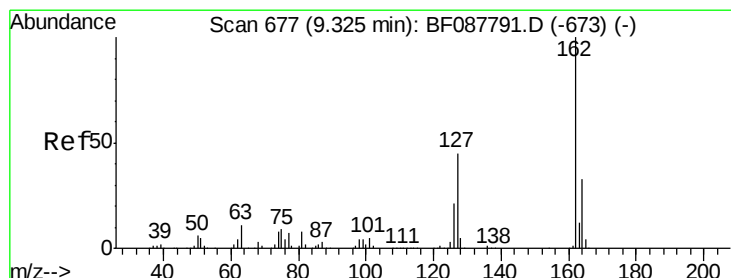
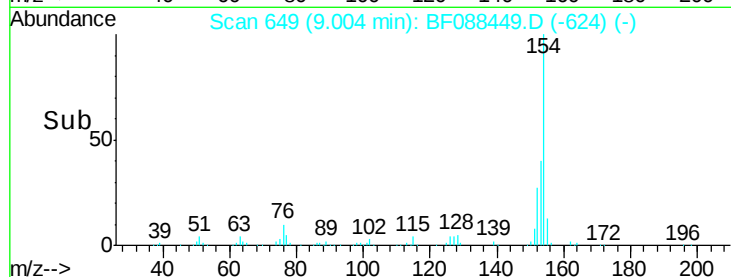
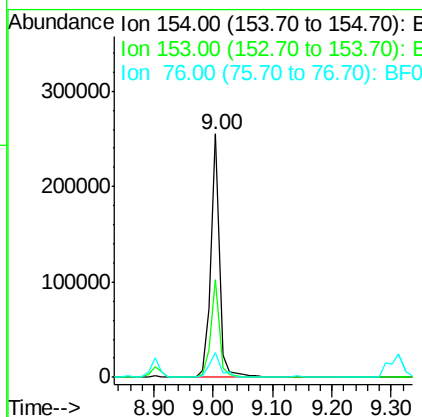
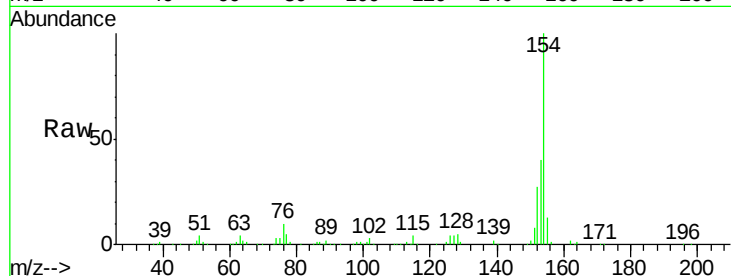
#45
 1,1'-Biphenyl
 Concen: 23.09 ng
 RT: 9.00 min Scan# 649
 Delta R.T. -0.01 min
 Lab File: BF088449.D
 Acq: 27 Jun 2016 11:53

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-55-062216MS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.6	60.6
76	10.1	0.0	35.1

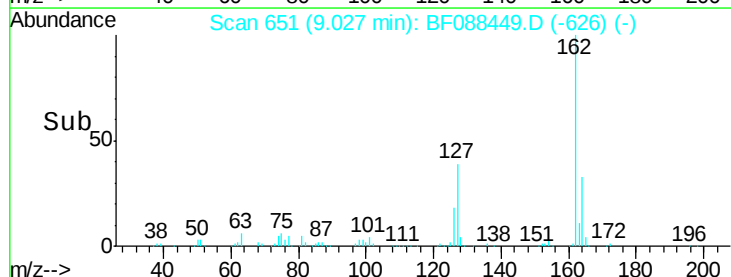
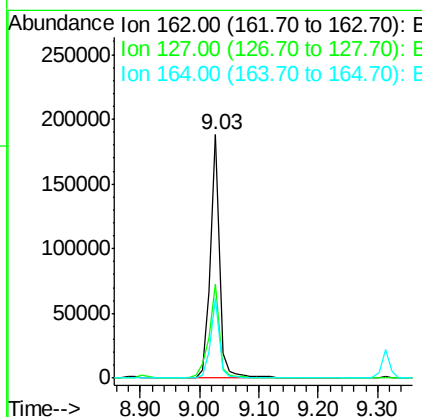
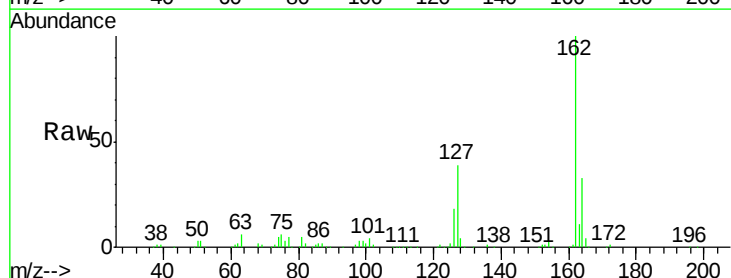
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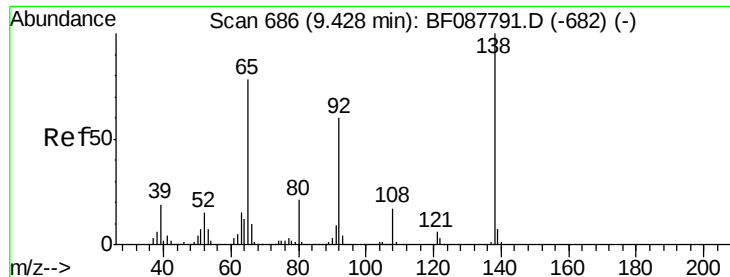
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#46
 2-Chloronaphthalene
 Concen: 23.91 ng
 RT: 9.03 min Scan# 651
 Delta R.T. -0.01 min
 Lab File: BF088449.D
 Acq: 27 Jun 2016 11:53

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.6	35.2	52.8
164	32.8	26.6	39.8





#47

2-Nitroaniline

Concen: 21.46 ng

RT: 9.14 min Scan# 661

Delta R.T. -0.01 min

Lab File: BF088449.D

Acq: 27 Jun 2016 11:53

Instrument :

BNA_F

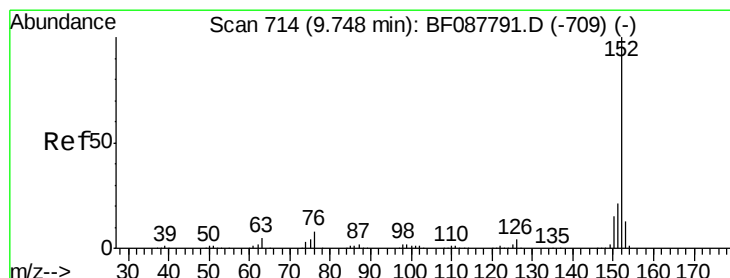
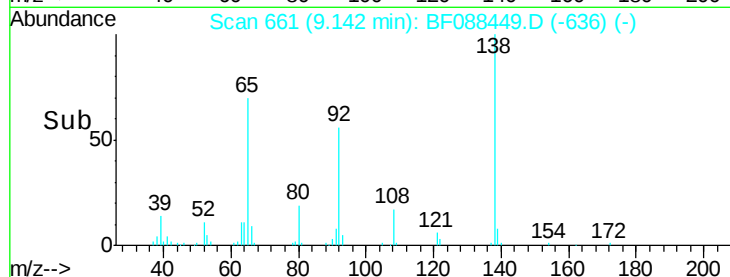
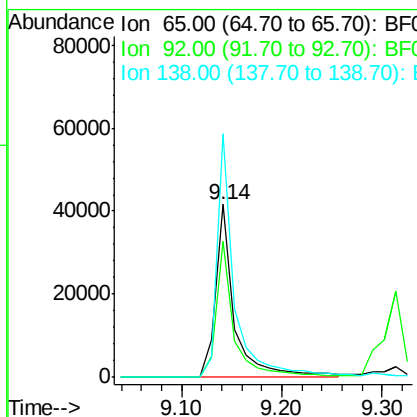
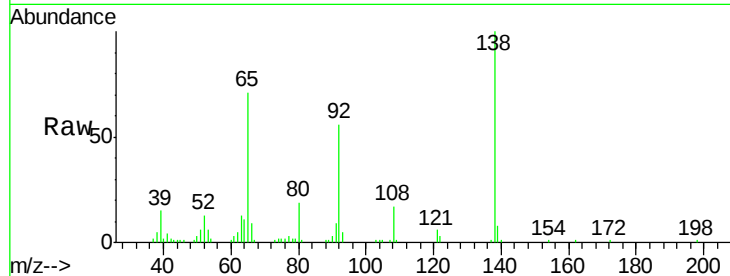
ClientSampleId :

HSR-WC-55-062216MS

Tgt Ion:	65	Resp:	54417
Ion Ratio	Lower	Upper	
65	100		
92	78.6	54.6	82.0
138	141.1	77.0	115.4

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#48

Acenaphthylene

Concen: 22.30 ng

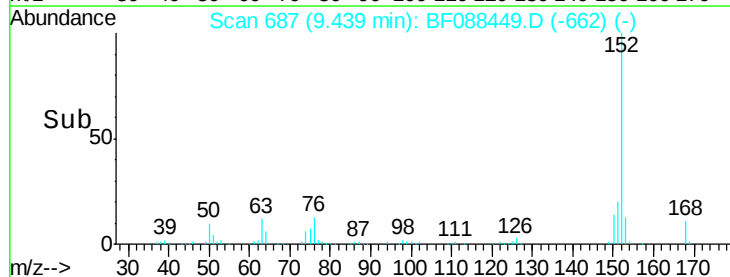
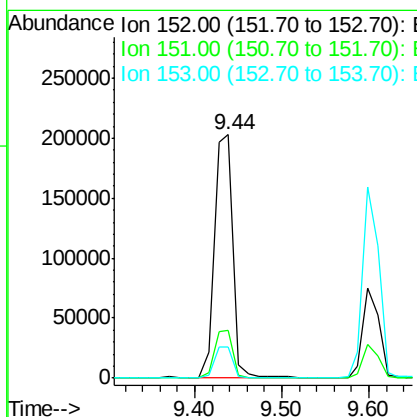
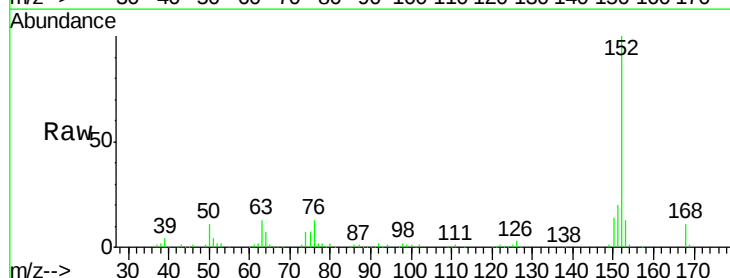
RT: 9.44 min Scan# 687

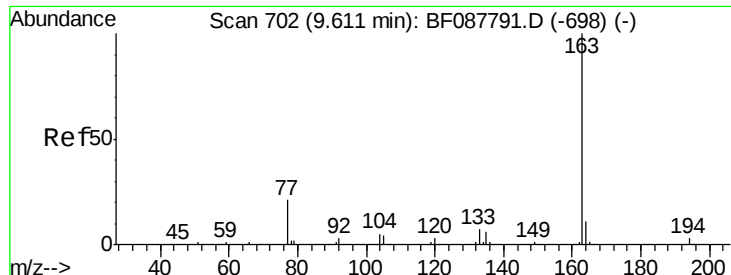
Delta R.T. -0.01 min

Lab File: BF088449.D

Acq: 27 Jun 2016 11:53

Tgt Ion:	152	Resp:	304954
Ion Ratio	Lower	Upper	
152	100		
151	19.7	16.2	24.4
153	12.7	11.0	16.6





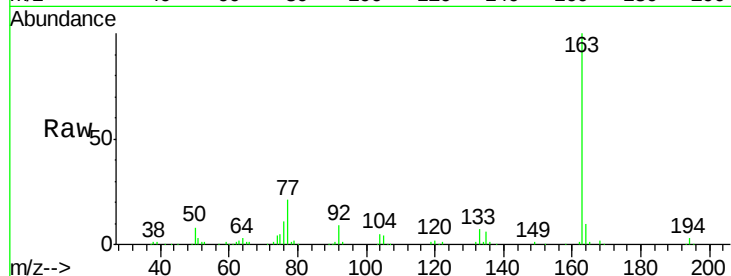
#49
Dimethylphthalate
Concen: 24.08 ng
RT: 9.31 min Scan# 676
Delta R.T. -0.02 min
Lab File: BF088449.D
Acq: 27 Jun 2016 11:53

Instrument :
BNA_F
ClientSampleId :
HSR-WC-55-062216MS

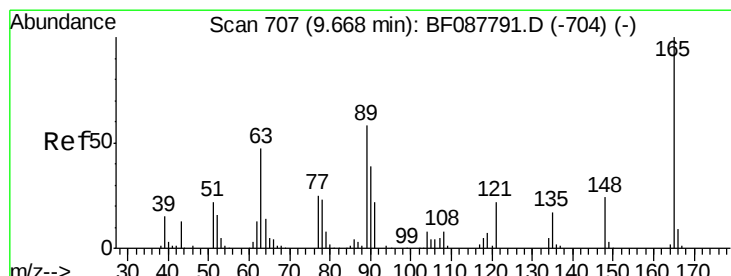
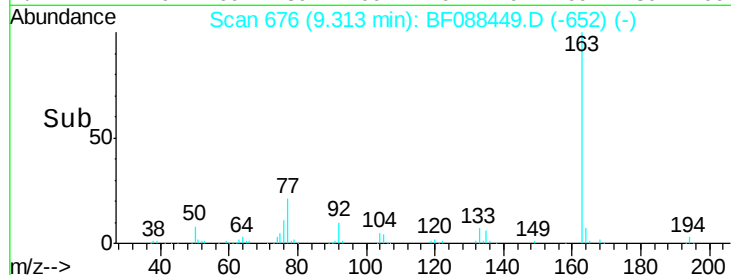
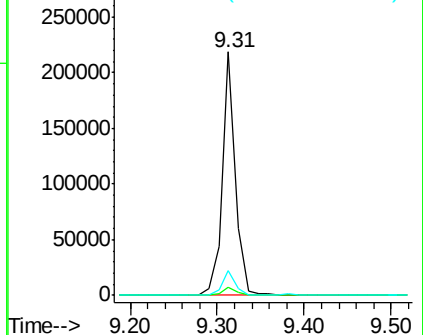
Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.1	2.8	4.2
164	10.2	8.3	12.5

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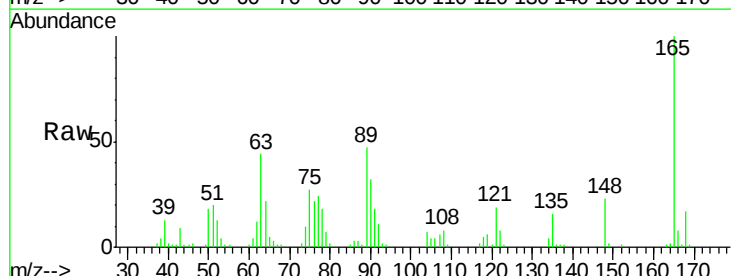


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

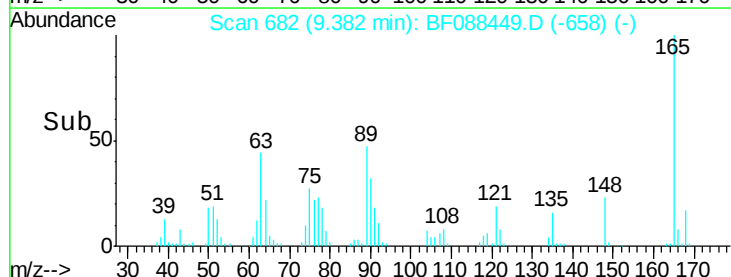
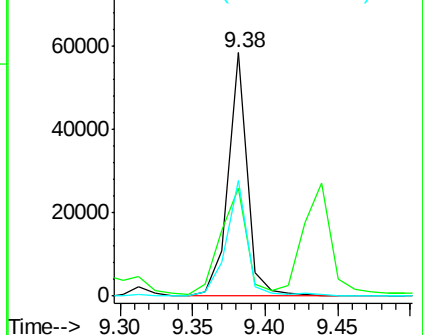


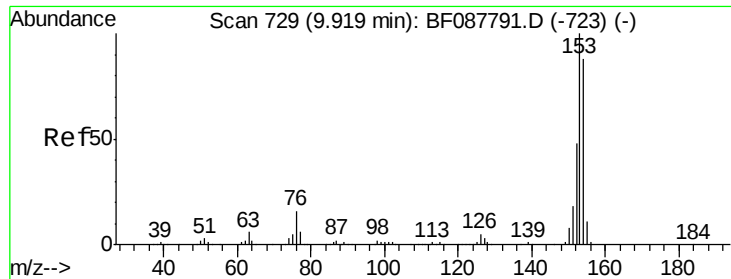
#50
2,6-Dinitrotoluene
Concen: 24.47 ng
RT: 9.38 min Scan# 682
Delta R.T. -0.02 min
Lab File: BF088449.D
Acq: 27 Jun 2016 11:53

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	44.4	28.1	42.1#
89	47.4	32.2	48.2



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





#51

Acenaphthene

Concen: 21.52 ng

RT: 9.60 min Scan# 701

Delta R.T. -0.02 min

Lab File: BF088449.D

Acq: 27 Jun 2016 11:53

Instrument :

BNA_F

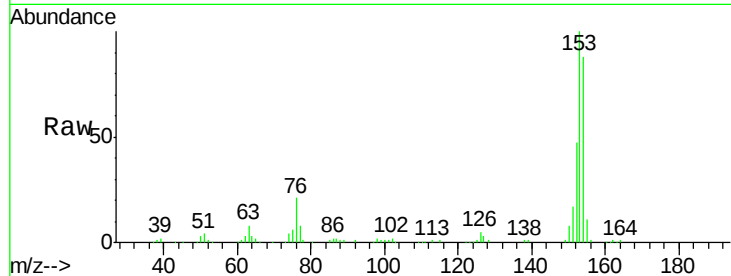
ClientSampleId :

HSR-WC-55-062216MS

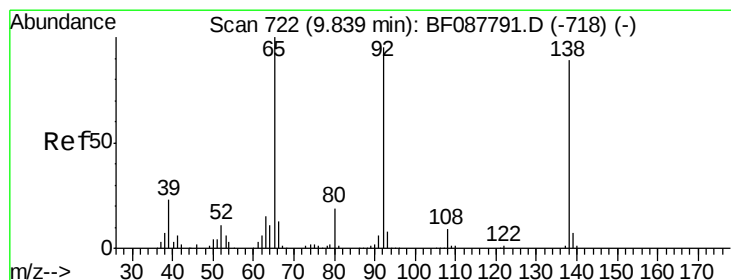
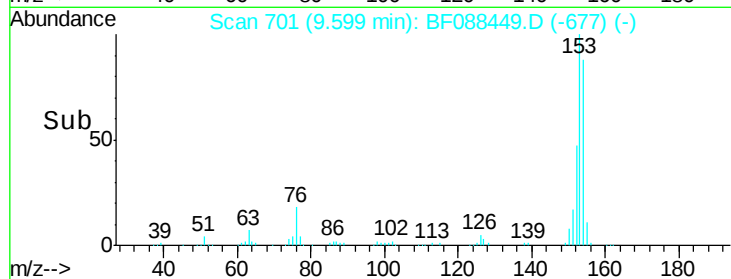
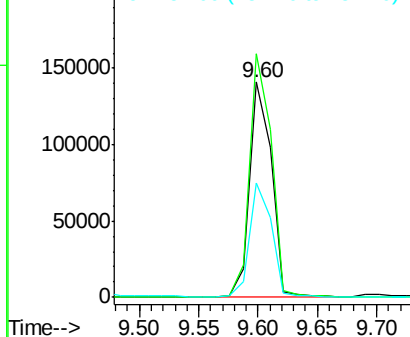
Tgt Ion:	154	Resp:	183527
Ion Ratio	Lower	Upper	
154	100		
153	113.2	89.5	134.3
152	53.0	42.7	64.1

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 7.09 ng

RT: 9.55 min Scan# 697

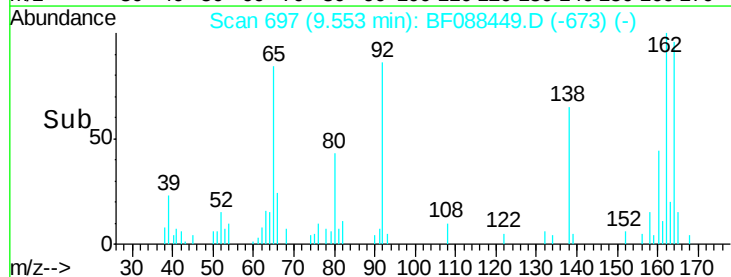
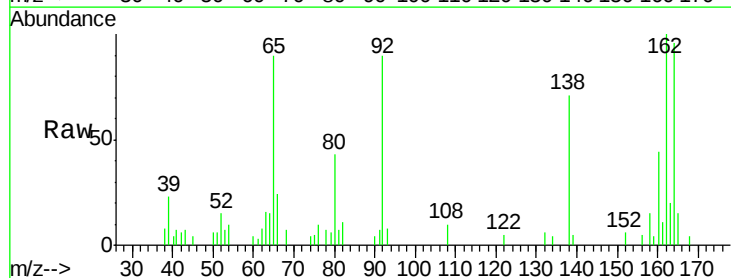
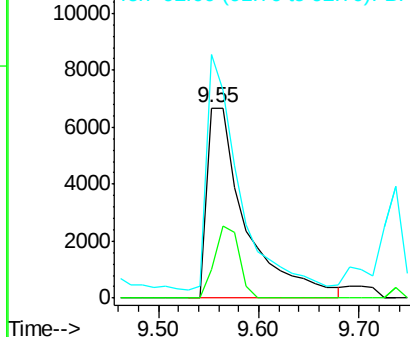
Delta R.T. -0.02 min

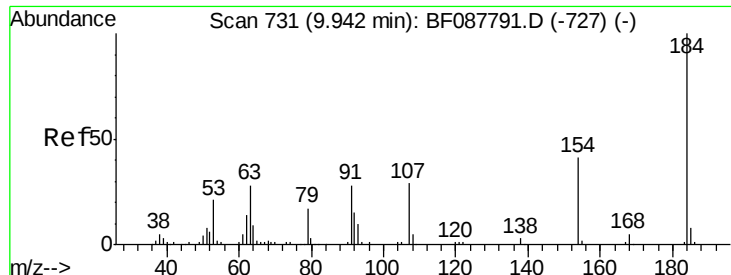
Lab File: BF088449.D

Acq: 27 Jun 2016 11:53

Tgt Ion:	138	Resp:	18034
Ion Ratio	Lower	Upper	
138	100		
108	14.9	8.5	12.7#
92	127.8	95.7	143.5

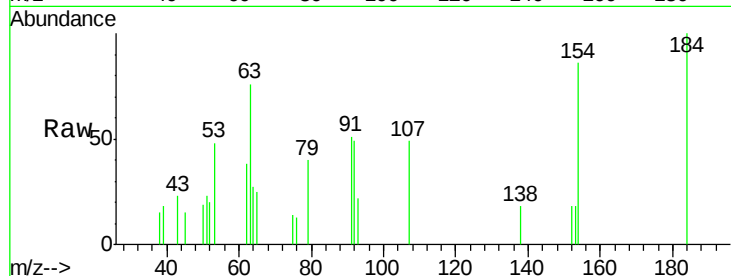
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





#53
 2,4-Dinitrophenol
 Concen: 12.11 ng
 RT: 9.69 min Scan# 709
 Delta R.T. -0.00 min
 Lab File: BF088449.D
 Acq: 27 Jun 2016 11:53

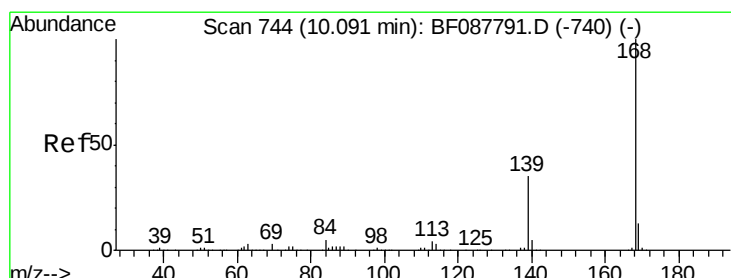
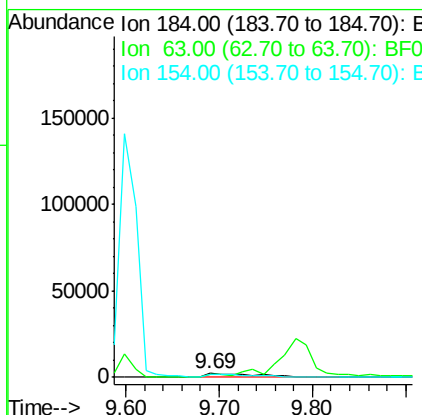
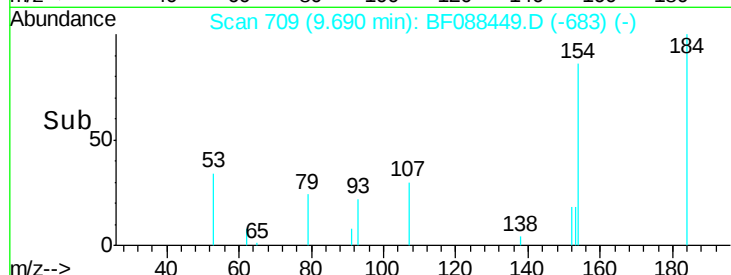
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-55-062216MS



Tgt Ion:184 Resp: 9198
 Ion Ratio Lower Upper
 184 100
 63 76.2 57.6 86.4
 154 85.8 53.5 80.3#

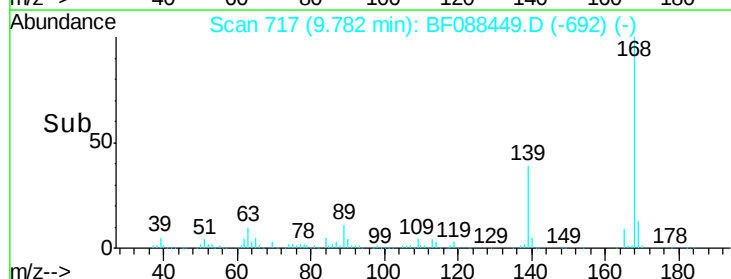
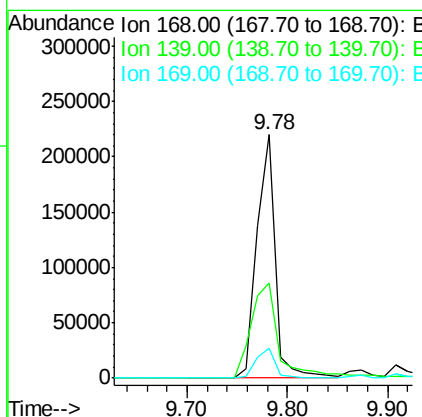
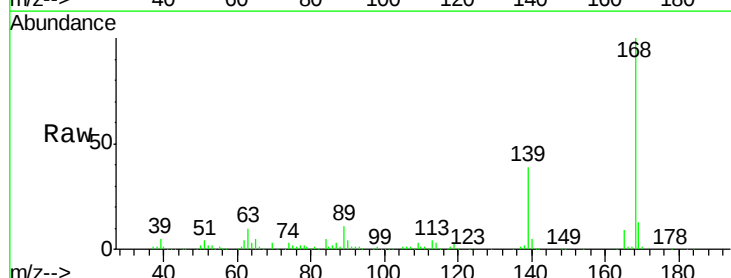
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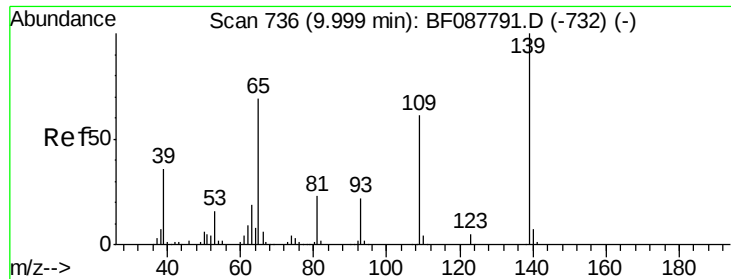
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#54
 Dibenzofuran
 Concen: 23.85 ng
 RT: 9.78 min Scan# 717
 Delta R.T. -0.01 min
 Lab File: BF088449.D
 Acq: 27 Jun 2016 11:53

Tgt Ion:168 Resp: 280180
 Ion Ratio Lower Upper
 168 100
 139 39.2 26.4 39.6
 169 12.5 10.4 15.6





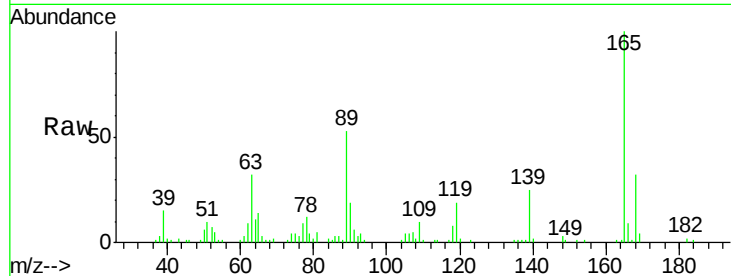
#55
4-Nitrophenol
Concen: 15.28 ng m
RT: 9.79 min Scan# 718
Delta R.T. 0.01 min
Lab File: BF088449.D
Acq: 27 Jun 2016 11:53

Instrument :
BNA_F
ClientSampleId :
HSR-WC-55-062216MS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	30159		
109	38.3	48.9	88.9#	
65	57.8	84.9	124.9#	

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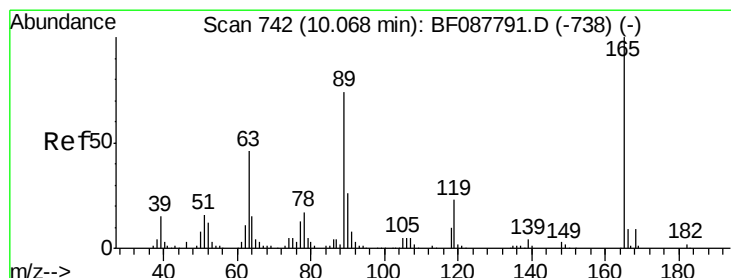
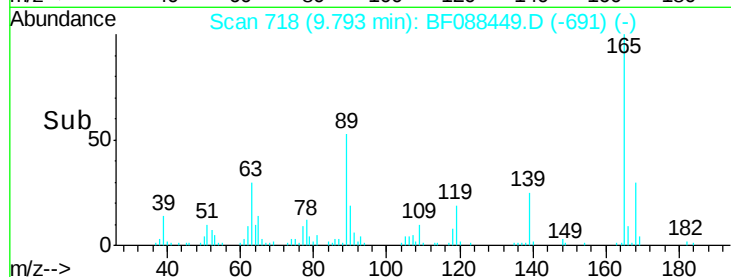
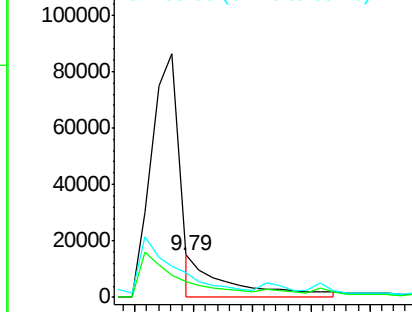


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56
2,4-Dinitrotoluene
Concen: 24.10 ng
RT: 9.79 min Scan# 718
Delta R.T. -0.01 min
Lab File: BF088449.D
Acq: 27 Jun 2016 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	68258		
63	31.6	22.0	33.0	
89	52.6	41.1	61.7	
182	2.4	2.0	3.0	

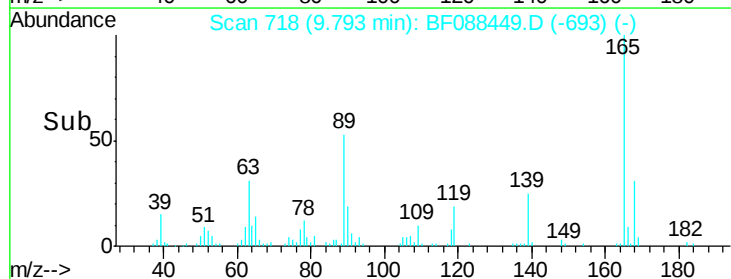
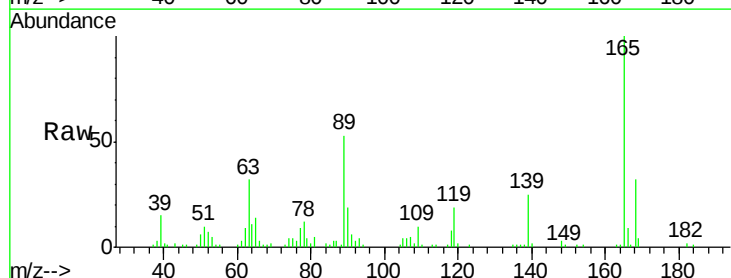
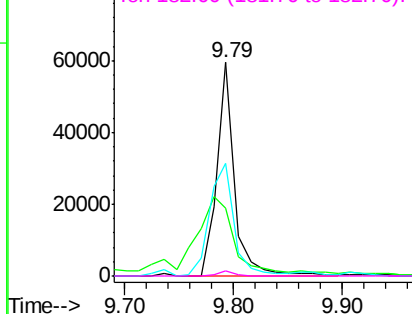
Abundance

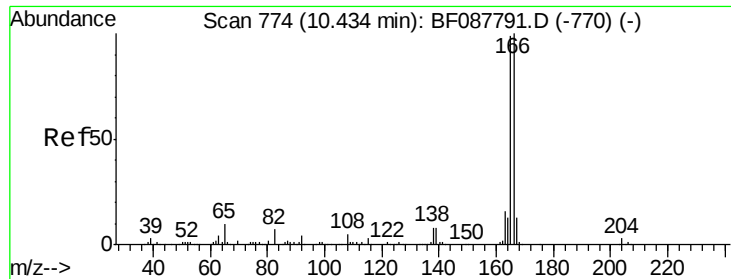
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





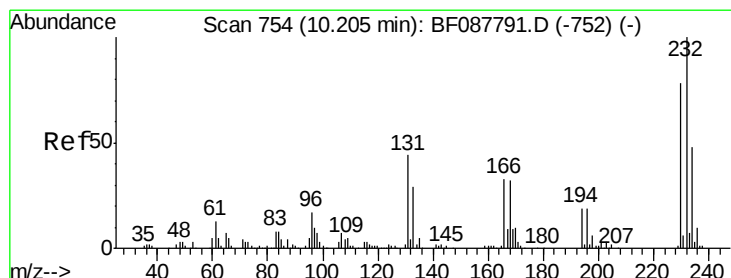
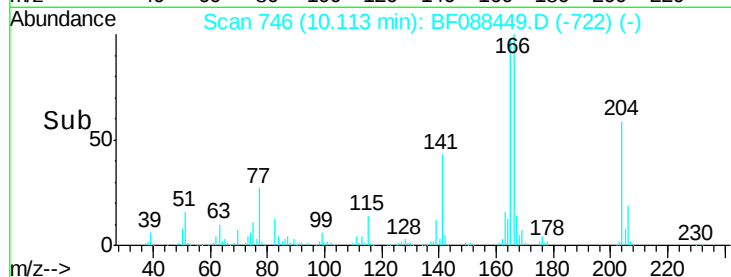
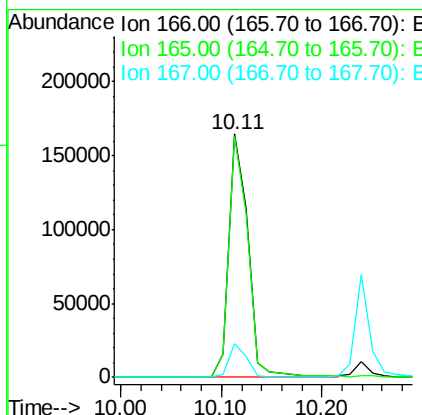
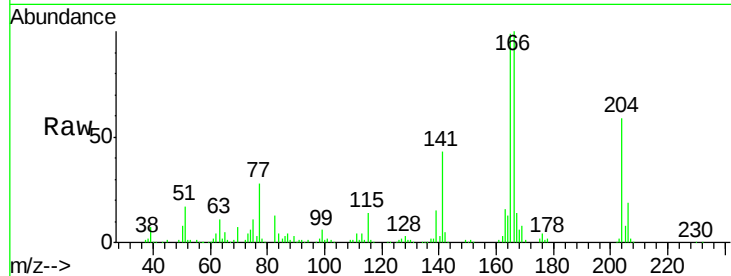
#57
Fluorene
 Concen: 25.45 ng
 RT: 10.11 min Scan# 746
 Delta R.T. -0.02 min
 Lab File: BF088449.D
 Acq: 27 Jun 2016 11:53

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-55-062216MS

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	218644		
165	98.9	77.8	116.8	
167	13.9	11.2	16.8	

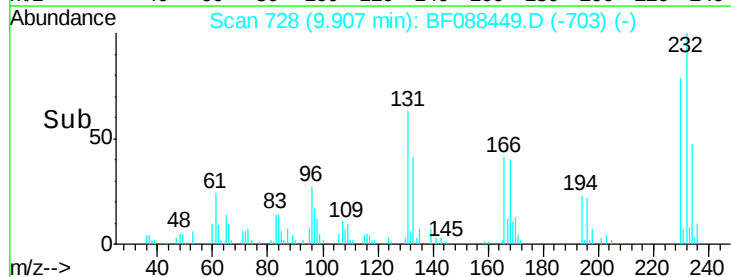
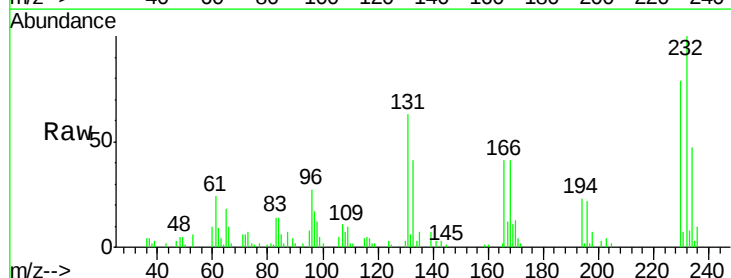
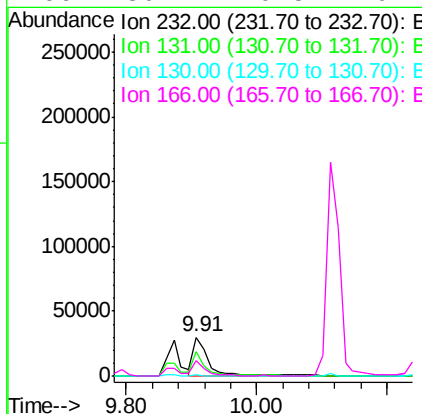
Manual Integrations
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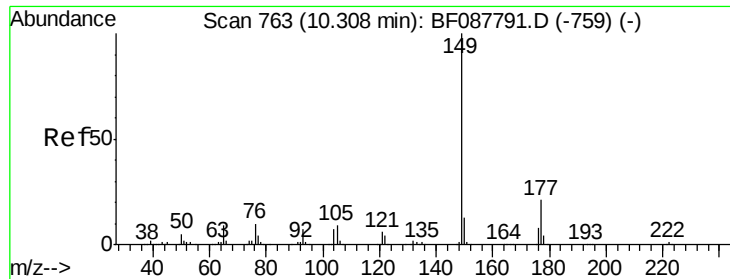
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 22.55 ng
 RT: 9.91 min Scan# 728
 Delta R.T. -0.01 min
 Lab File: BF088449.D
 Acq: 27 Jun 2016 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	48983		
131	43.7	0.9	1.3#	
130	1.9	1.5	2.3	
166	30.4	0.5	0.7#	





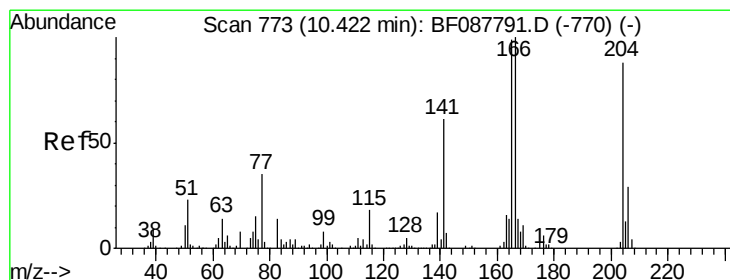
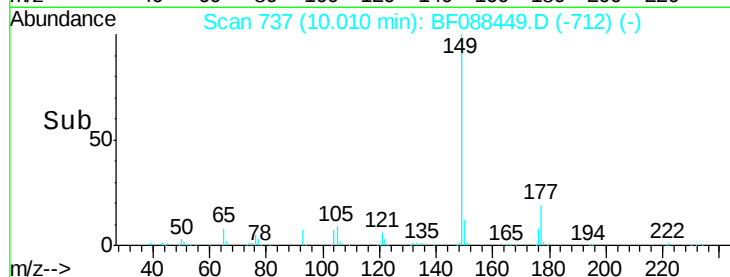
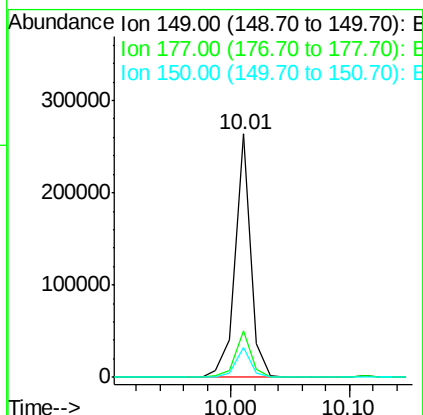
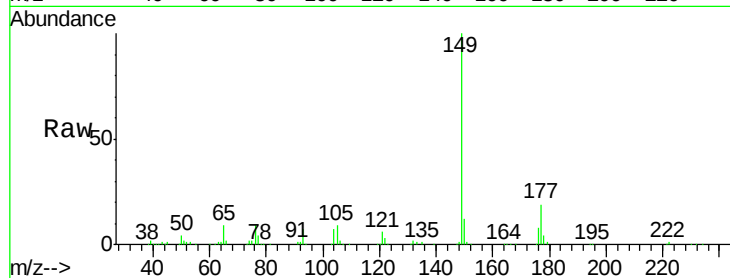
#59
Diethylphthalate
Concen: 24.77 ng
RT: 10.01 min Scan# 737
Delta R.T. -0.01 min
Lab File: BF088449.D
Acq: 27 Jun 2016 11:53

Instrument :
BNA_F
ClientSampleId :
HSR-WC-55-062216MS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	241297		
177	19.1	16.9	25.3	
150	12.4	10.1	15.1	

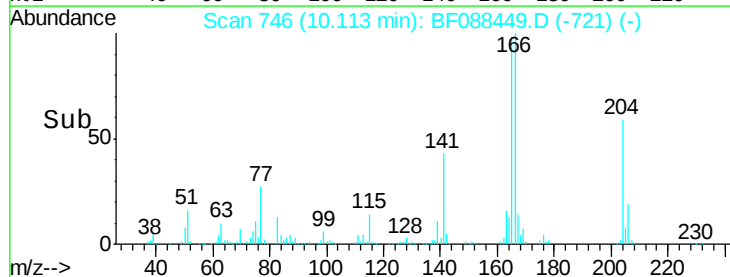
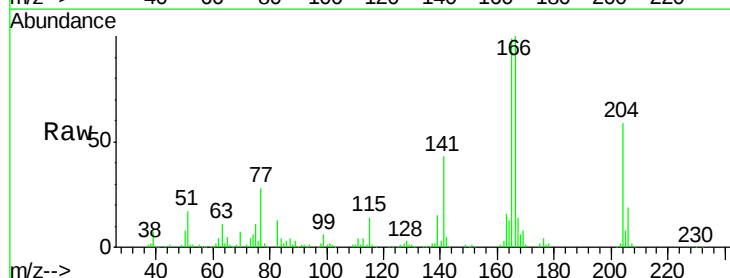
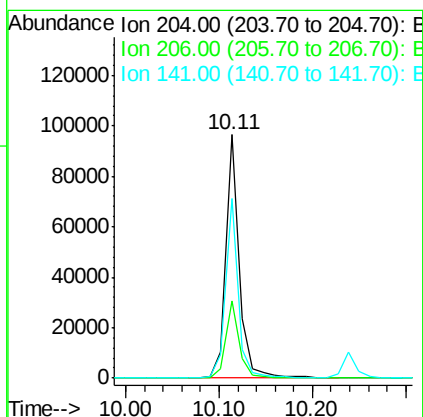
Manual Integrations
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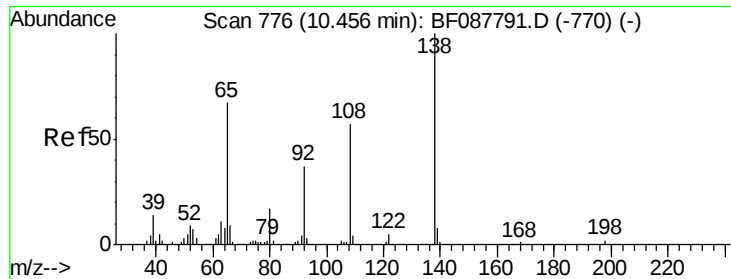
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#60
4-Chlorophenyl-phenylether
Concen: 24.54 ng
RT: 10.11 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF088449.D
Acq: 27 Jun 2016 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	95860		
206	31.8	26.3	39.5	
141	74.0	55.0	82.6	





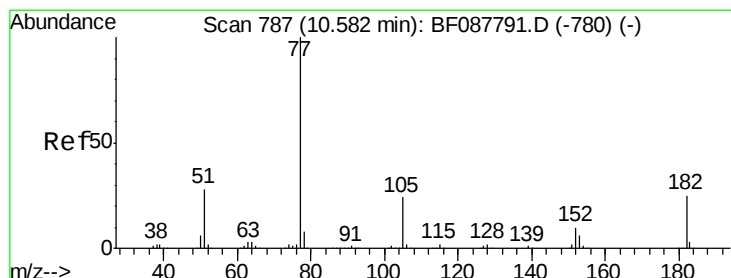
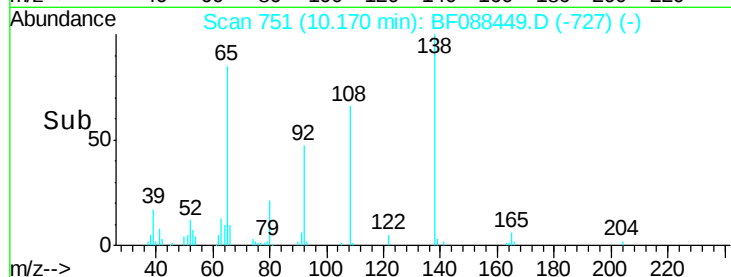
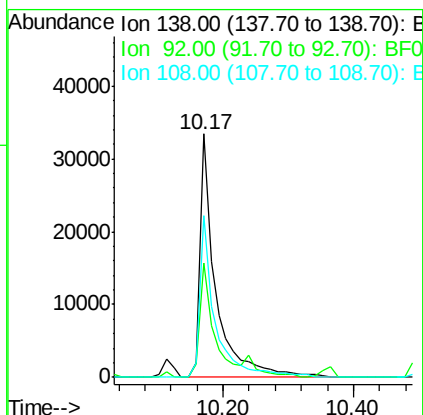
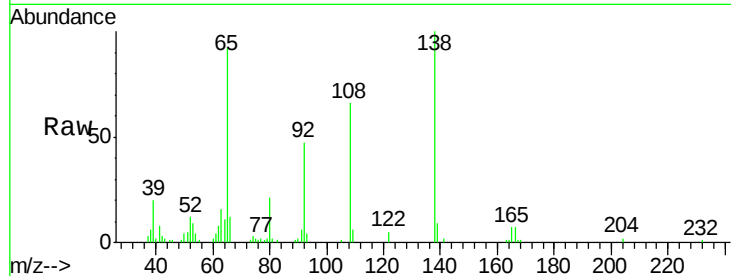
#61
4-Nitroaniline
Concen: 23.02 ng
RT: 10.17 min Scan# 751
Delta R.T. -0.02 min
Lab File: BF088449.D
Acq: 27 Jun 2016 11:53

Instrument :
BNA_F
ClientSampleId :
HSR-WC-55-062216MS

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.9	27.3	67.3
108	66.5	46.7	86.7

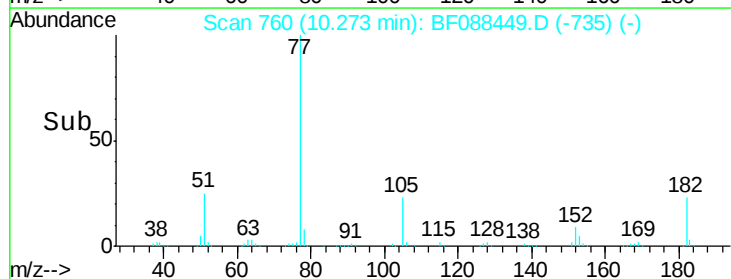
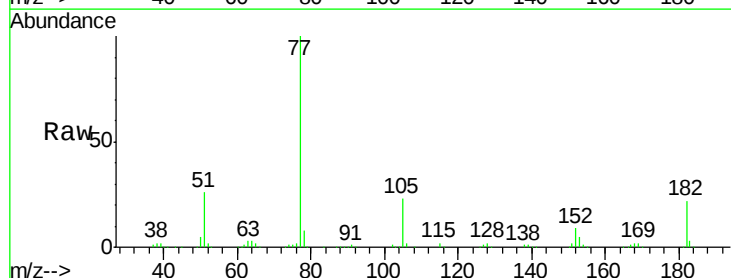
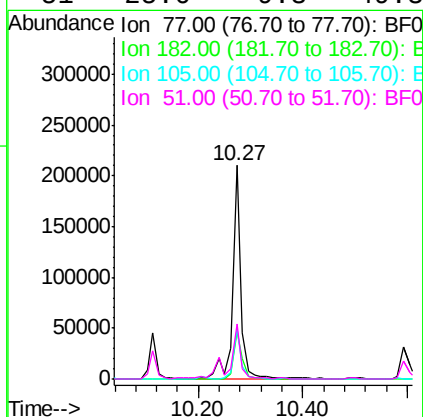
Manual Integrations
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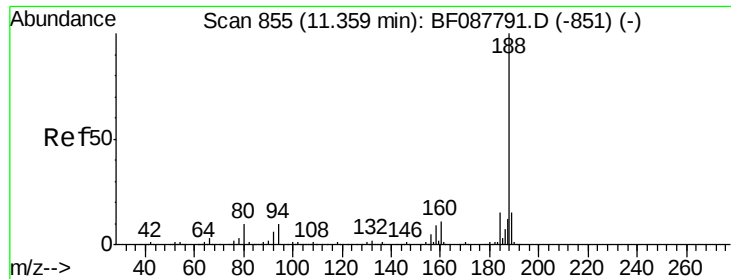
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#62
Azobenzene
Concen: 24.34 ng
RT: 10.27 min Scan# 760
Delta R.T. -0.01 min
Lab File: BF088449.D
Acq: 27 Jun 2016 11:53

Tgt Ion	Ratio	Lower	Upper
77	100		
182	22.5	4.4	44.4
105	23.4	3.8	43.8
51	25.6	9.3	49.3





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.05 min Scan# 828

Delta R.T. -0.01 min

Lab File: BF088449.D

Acq: 27 Jun 2016 11:53

Instrument :

BNA_F

ClientSampleId :

HSR-WC-55-062216MS

Tgt Ion:188 Resp: 256627
Ion Ratio Lower Upper

188 100

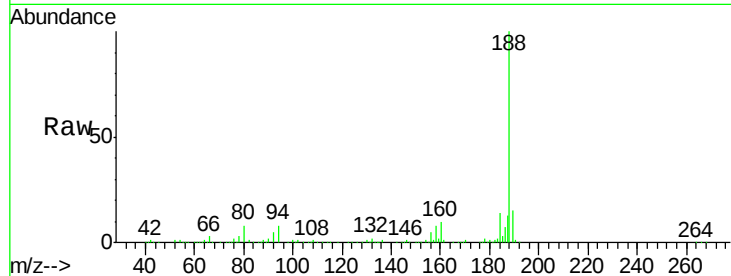
94 8.4 9.0 13.6#

80 8.4 10.0 15.0#

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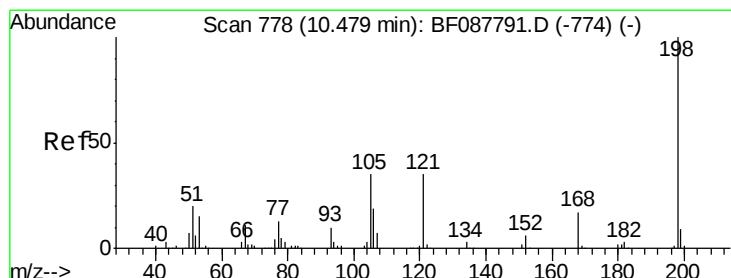
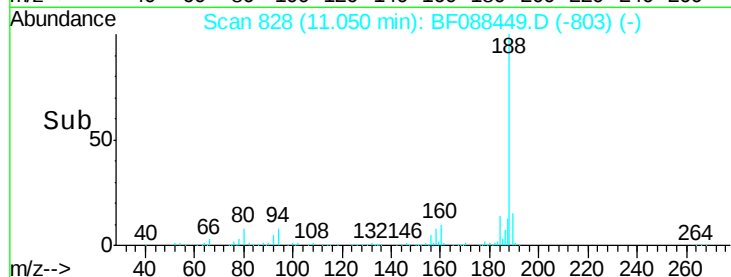
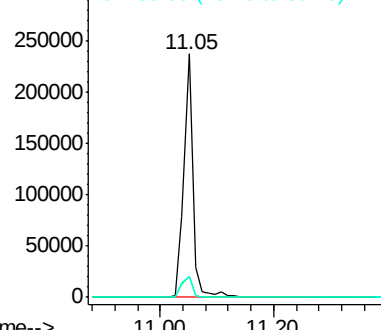
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 6.79 ng

RT: 10.20 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF088449.D

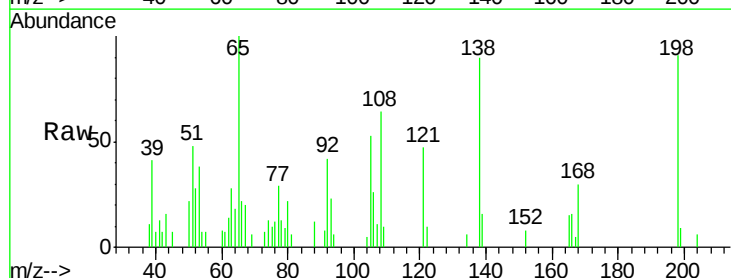
Acq: 27 Jun 2016 11:53

Tgt Ion:198 Resp: 7756
Ion Ratio Lower Upper

198 100

51 52.8 39.6 79.6

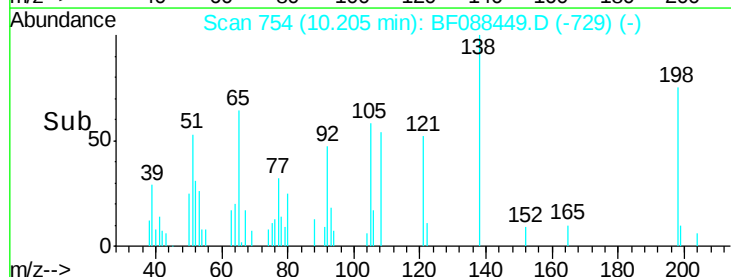
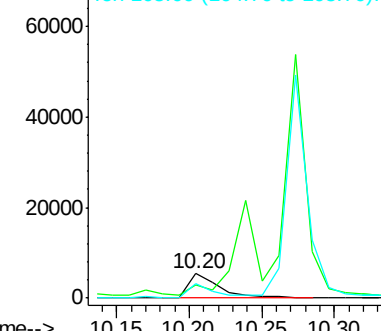
105 58.0 36.6 76.6

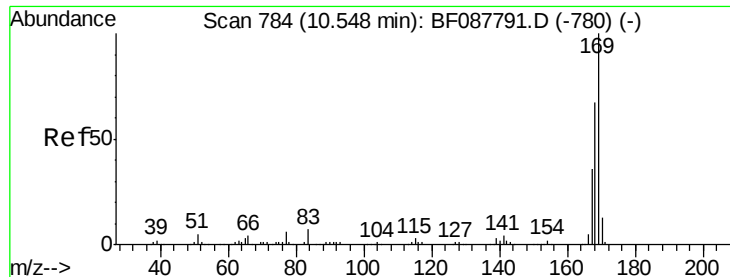


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





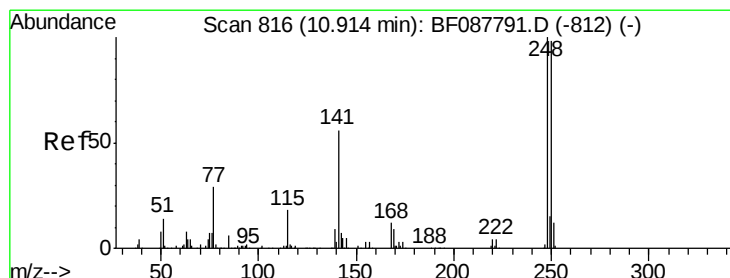
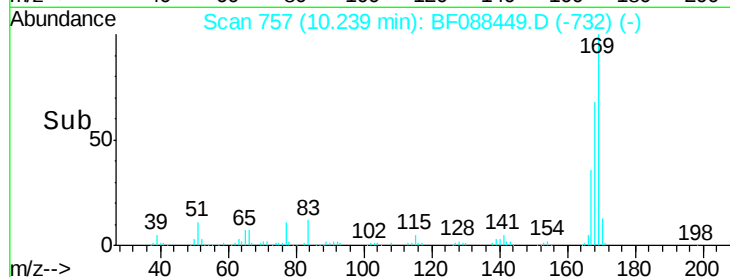
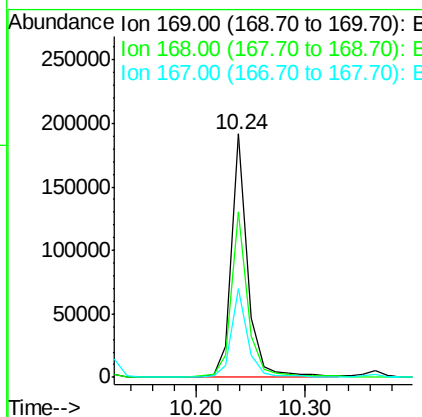
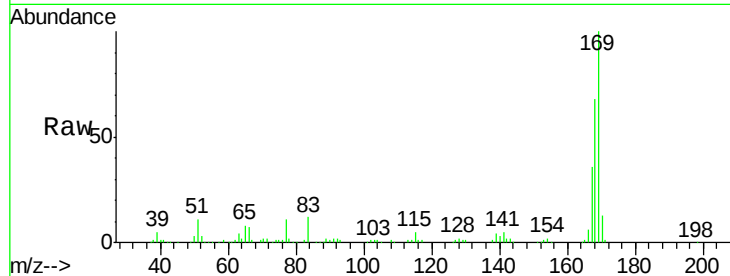
#65
n-Nitrosodiphenylamine
Concen: 23.21 ng
RT: 10.24 min Scan# 757
Delta R.T. -0.01 min
Lab File: BF088449.D
Acq: 27 Jun 2016 11:53

Instrument :
BNA_F
ClientSampleId :
HSR-WC-55-062216MS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	197670		
168	68.0	53.4	80.0	
167	36.4	29.4	44.0	

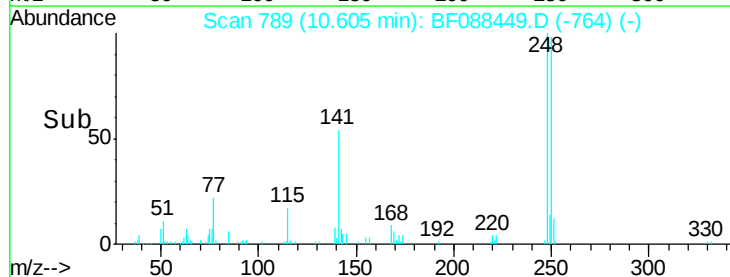
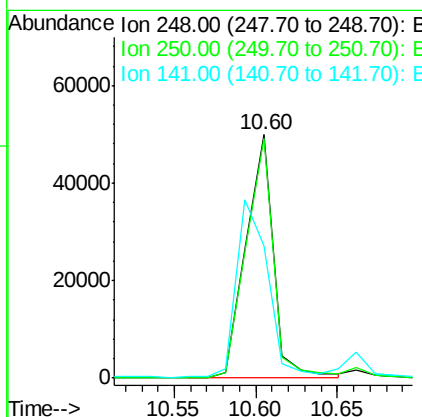
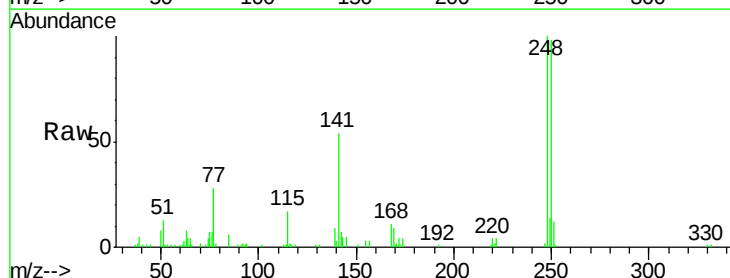
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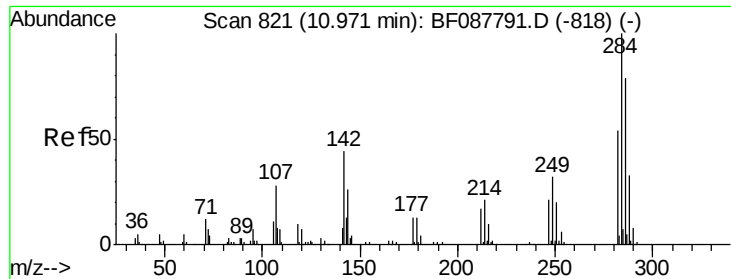
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#66
4-Bromophenyl-phenylether
Concen: 21.29 ng
RT: 10.60 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF088449.D
Acq: 27 Jun 2016 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	58628		
250	98.5	77.1	115.7	
141	54.5	50.6	76.0	





#67

Hexachlorobenzene

Concen: 22.68 ng

RT: 10.66 min Scan# 794

Delta R.T. -0.01 min

Lab File: BF088449.D

Acq: 27 Jun 2016 11:53

Instrument :

BNA_F

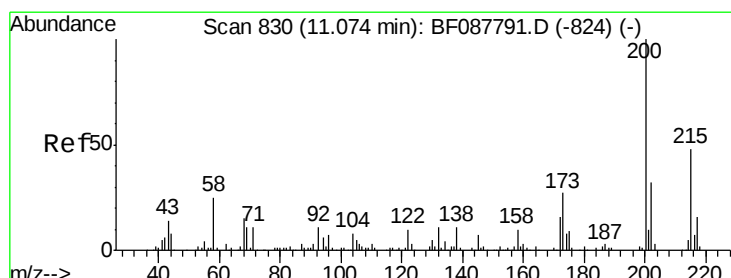
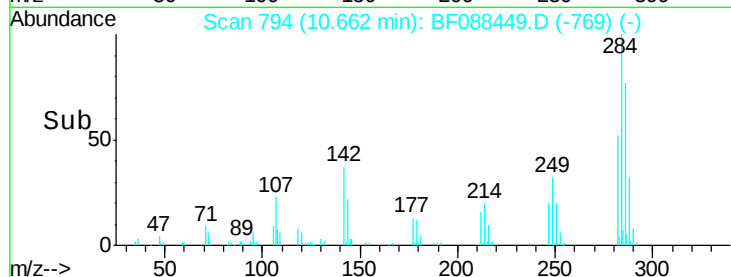
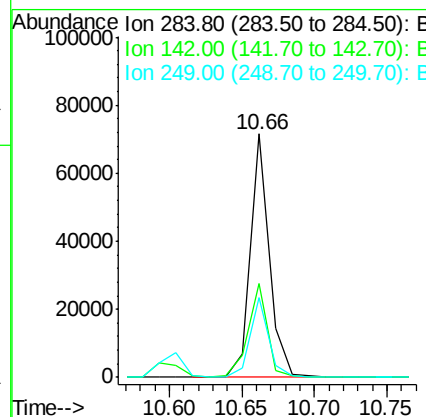
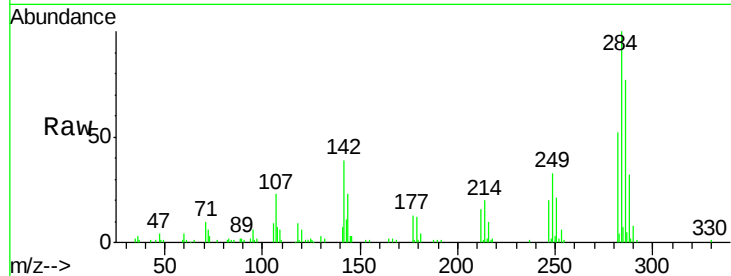
ClientSampleId :

HSR-WC-55-062216MS

Tgt Ion:	284	Resp:	64869
Ion Ratio	Lower	Upper	
284	100		
142	38.8	35.8	53.8
249	32.5	25.8	38.6

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#68

Atrazine

Concen: 19.53 ng

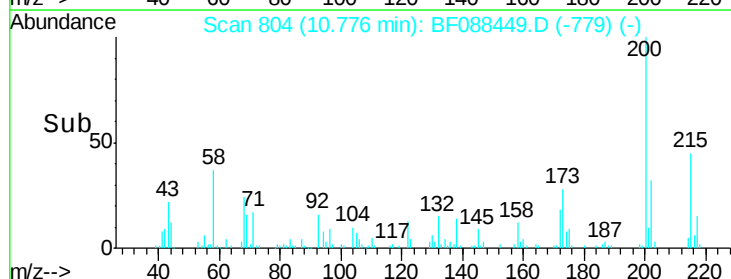
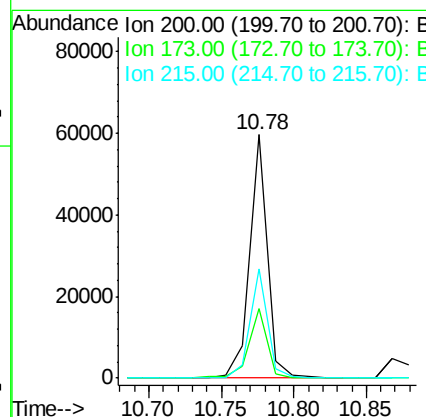
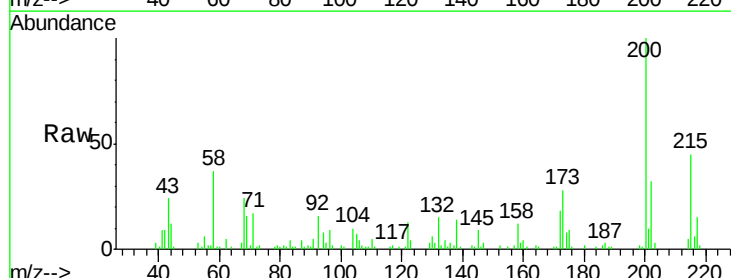
RT: 10.78 min Scan# 804

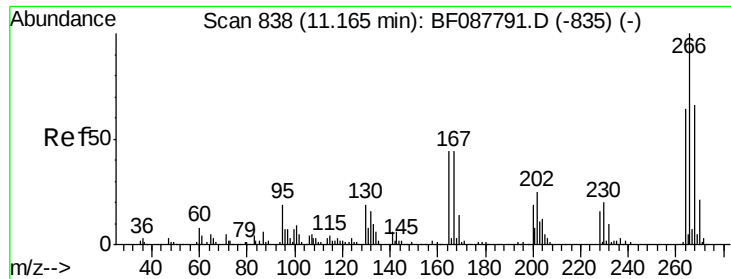
Delta R.T. -0.01 min

Lab File: BF088449.D

Acq: 27 Jun 2016 11:53

Tgt Ion:	200	Resp:	50353
Ion Ratio	Lower	Upper	
200	100		
173	28.4	4.0	44.0
215	45.0	29.3	69.3





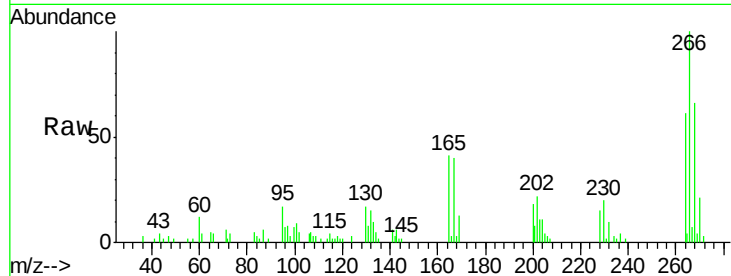
#69
 Pentachlorophenol
 Concen: 30.51 ng
 RT: 10.88 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BF088449.D
 Acq: 27 Jun 2016 11:53

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-55-062216MS

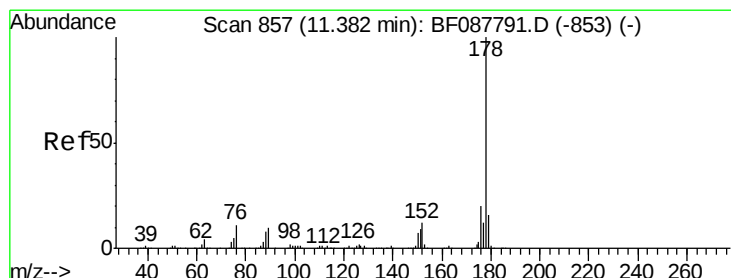
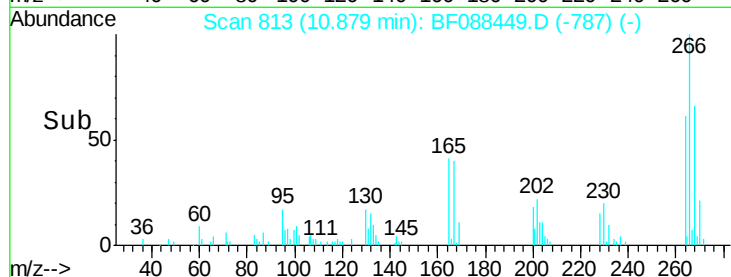
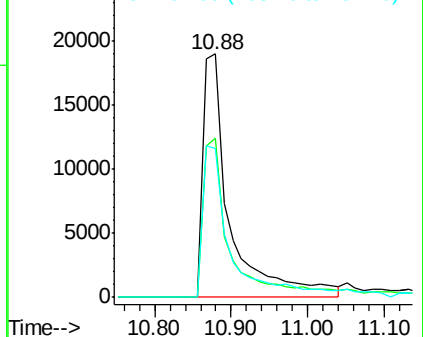
Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.6	52.8	79.2
264	60.9	49.6	74.4

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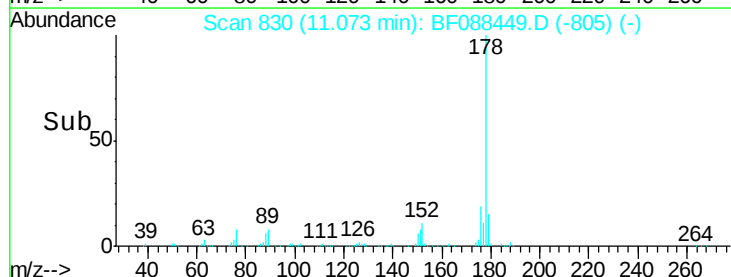
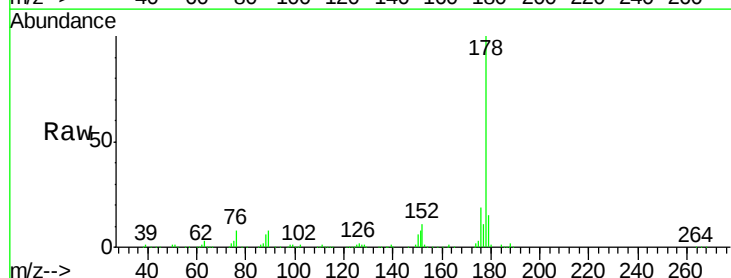
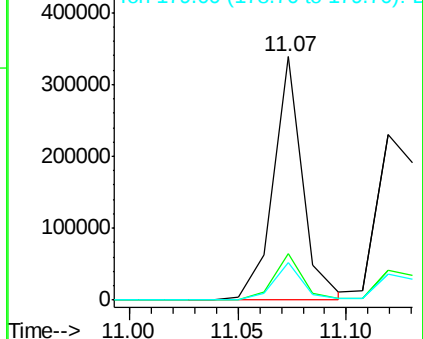
Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

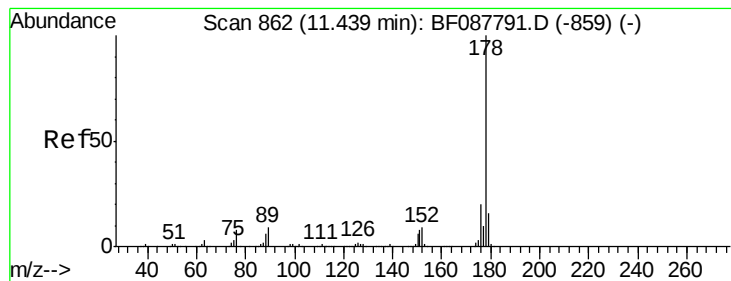


#70
 Phenanthrene
 Concen: 23.64 ng
 RT: 11.07 min Scan# 830
 Delta R.T. -0.01 min
 Lab File: BF088449.D
 Acq: 27 Jun 2016 11:53

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.6
179	15.3	13.0	19.4

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





#71

Anthracene

Concen: 25.39 ng

RT: 11.12 min Scan# 834

Delta R.T. -0.02 min

Lab File: BF088449.D

Acq: 27 Jun 2016 11:53

Instrument :

BNA_F

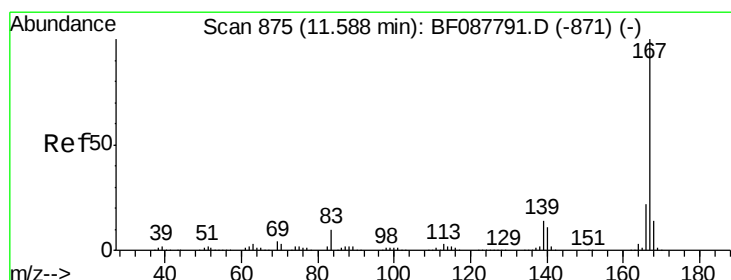
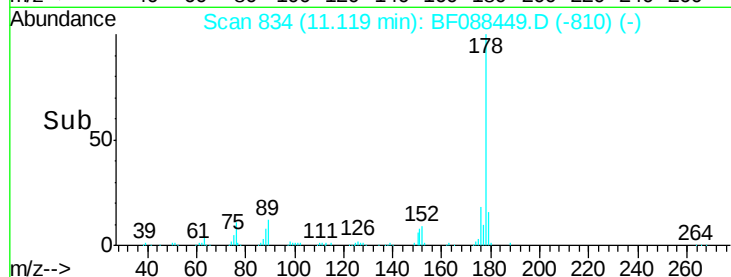
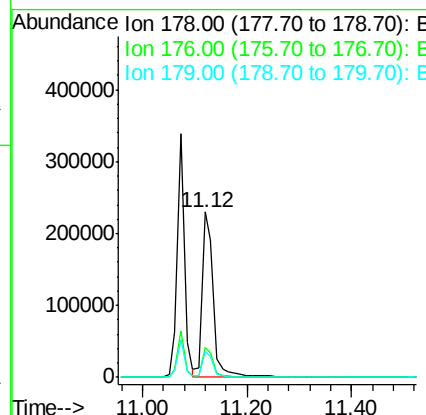
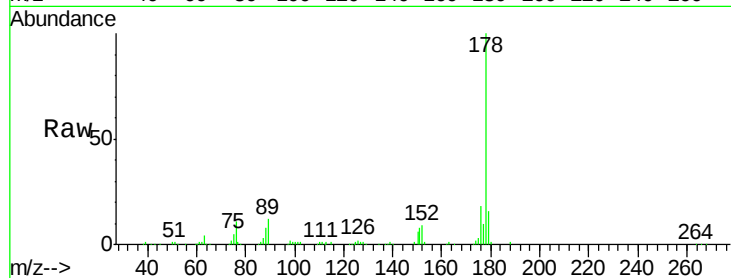
ClientSampleId :

HSR-WC-55-062216MS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.6	23.4
179	15.7	12.8	19.2

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#72

Carbazole

Concen: 25.95 ng

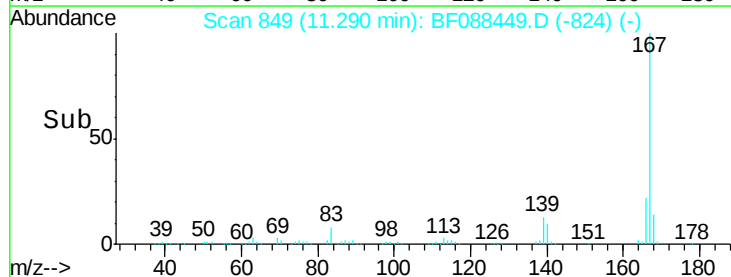
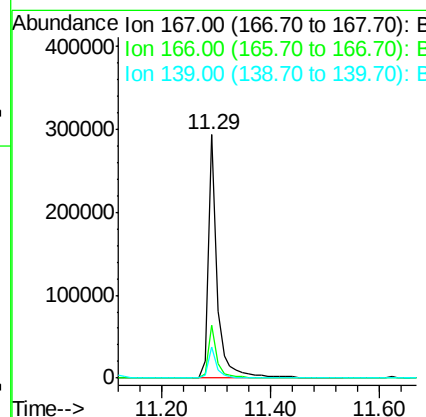
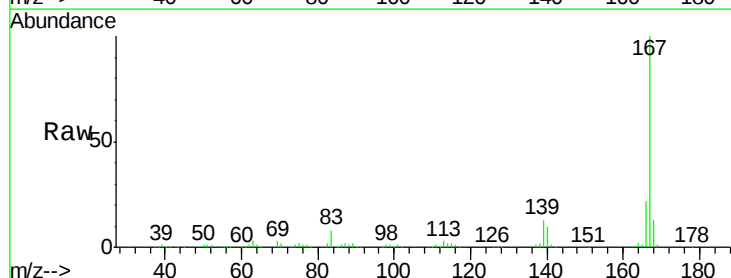
RT: 11.29 min Scan# 849

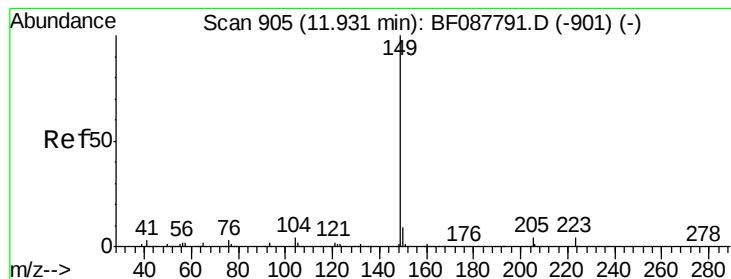
Delta R.T. -0.01 min

Lab File: BF088449.D

Acq: 27 Jun 2016 11:53

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.8	26.6
139	13.0	11.2	16.8





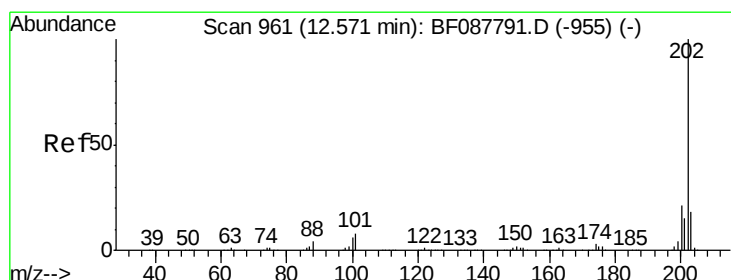
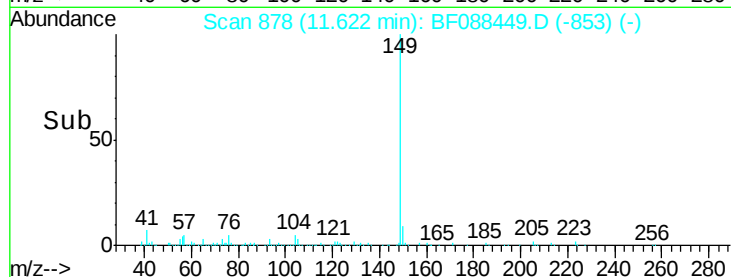
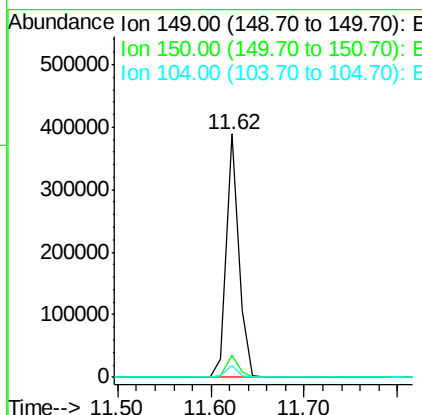
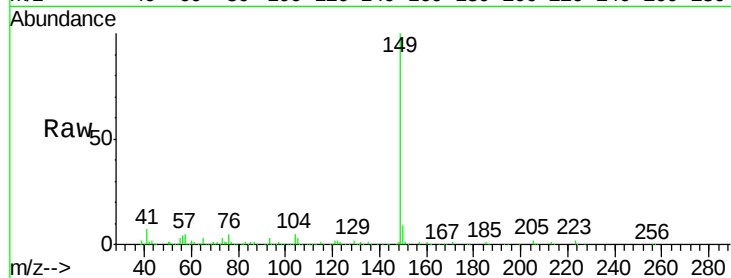
#73
Di-n-butylphthalate
Concen: 22.73 ng
RT: 11.62 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF088449.D
Acq: 27 Jun 2016 11:53

Instrument :
BNA_F
ClientSampleId :
HSR-WC-55-062216MS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	365742		
150	9.3	7.8	11.6	
104	4.9	4.0	6.0	

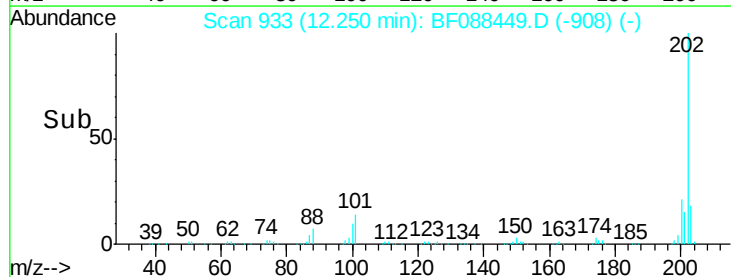
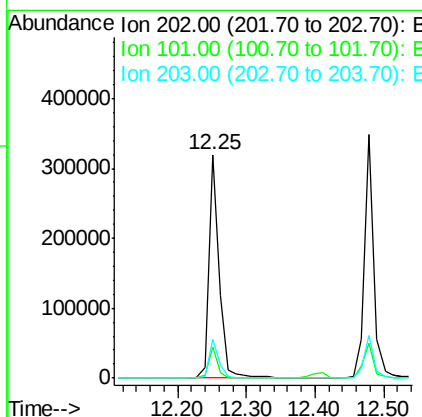
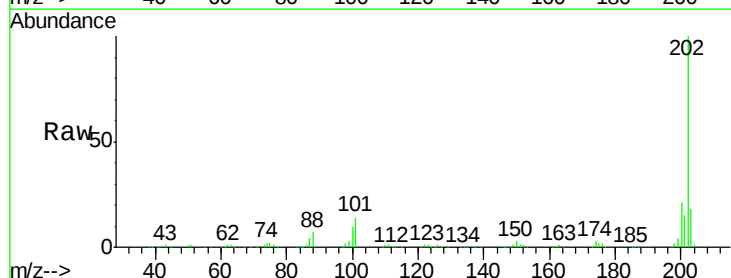
Manual Integrations
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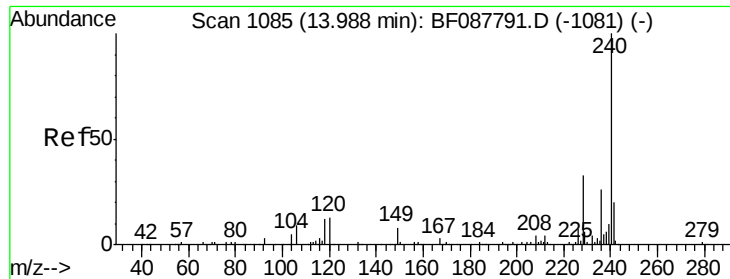
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#74
Fluoranthene
Concen: 23.57 ng
RT: 12.25 min Scan# 933
Delta R.T. -0.01 min
Lab File: BF088449.D
Acq: 27 Jun 2016 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	334990		
101	13.8	0.0	33.1	
203	17.6	0.0	38.1	





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.68 min Scan# 1058

Delta R.T. -0.01 min

Lab File: BF088449.D

Acq: 27 Jun 2016 11:53

Instrument :

BNA_F

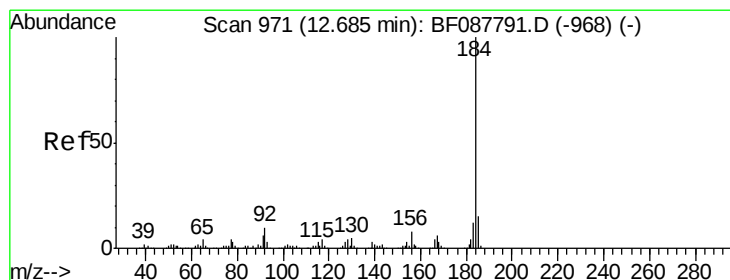
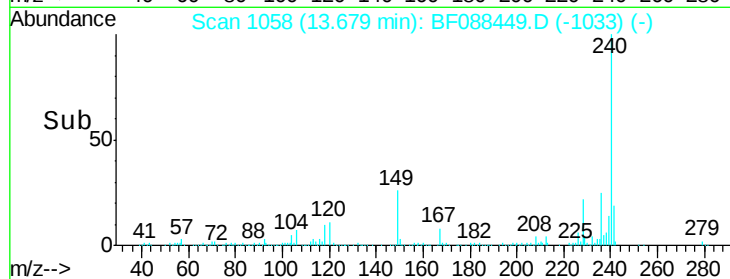
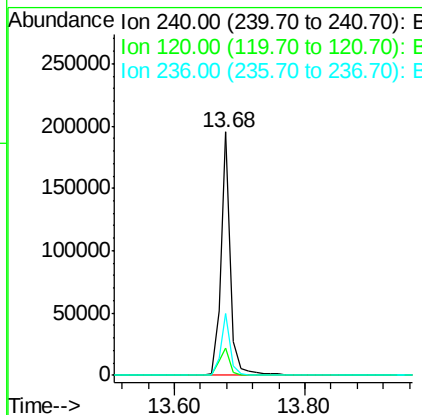
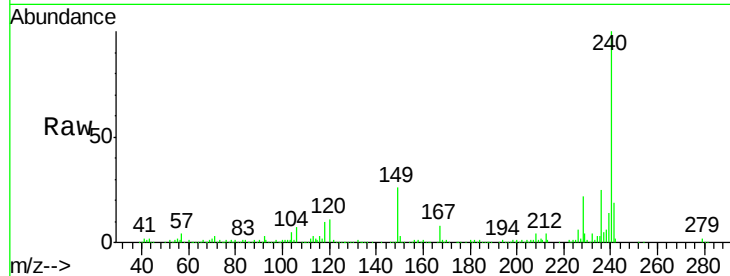
ClientSampleId :

HSR-WC-55-062216MS

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	201337		
120	11.0	6.8	10.2#	
236	25.4	20.2	30.2	

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#76

Benzidine

Concen: 3.26 ng

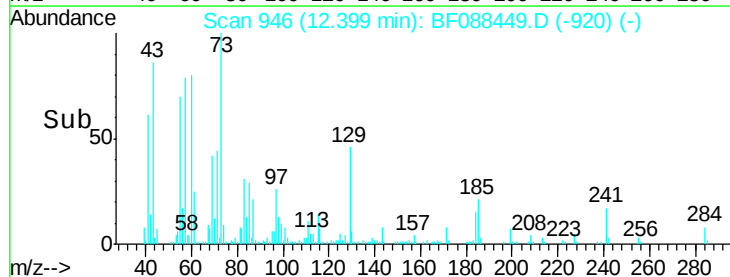
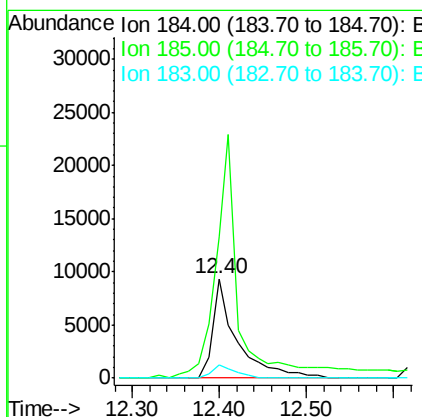
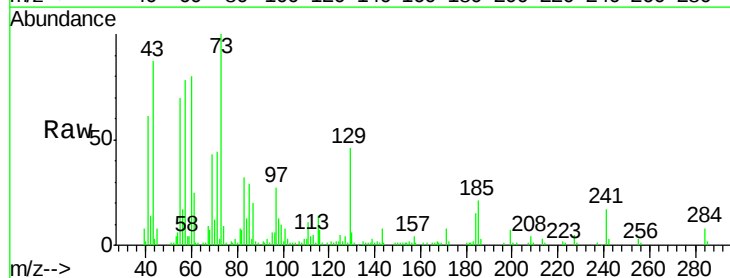
RT: 12.40 min Scan# 946

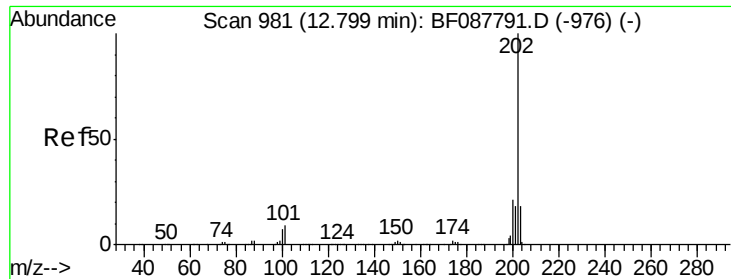
Delta R.T. -0.00 min

Lab File: BF088449.D

Acq: 27 Jun 2016 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	18177		
185	142.3	12.5	18.7#	
183	13.9	9.3	13.9	





#77

Pyrene

Concen: 22.05 ng

RT: 12.48 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF088449.D

Acq: 27 Jun 2016 11:53

Instrument :

BNA_F

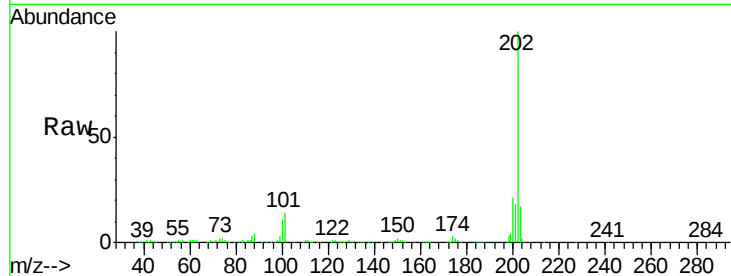
ClientSampleId :

HSR-WC-55-062216MS

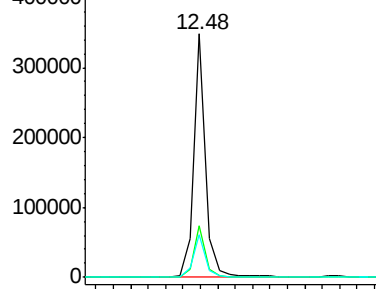
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	329510		
200	21.2	17.4	26.2	
203	17.3	14.5	21.7	

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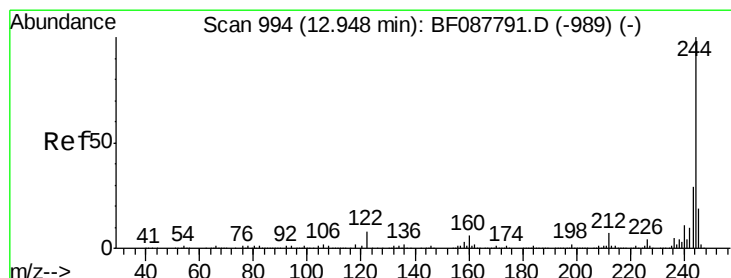
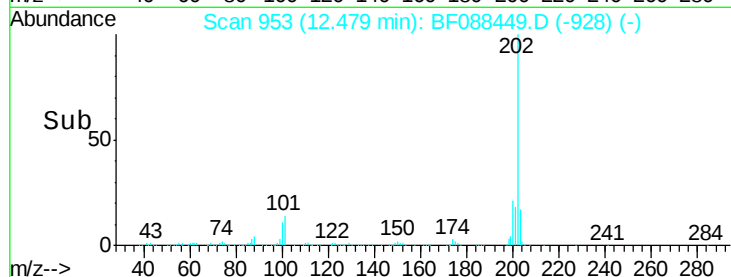
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



Time-->



#78

Terphenyl-d14

Concen: 86.76 ng

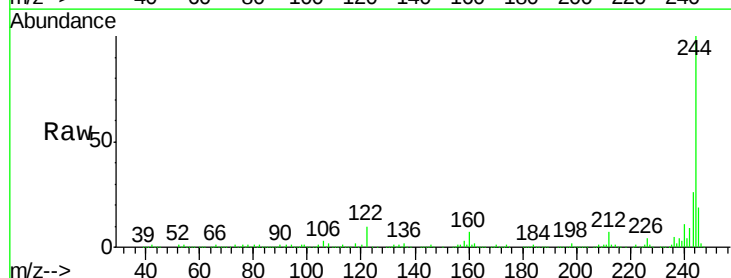
RT: 12.64 min Scan# 967

Delta R.T. -0.00 min

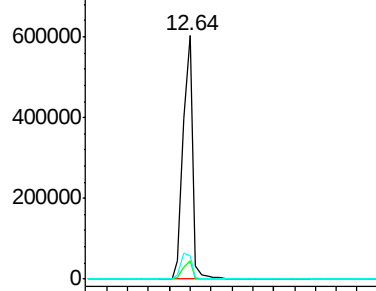
Lab File: BF088449.D

Acq: 27 Jun 2016 11:53

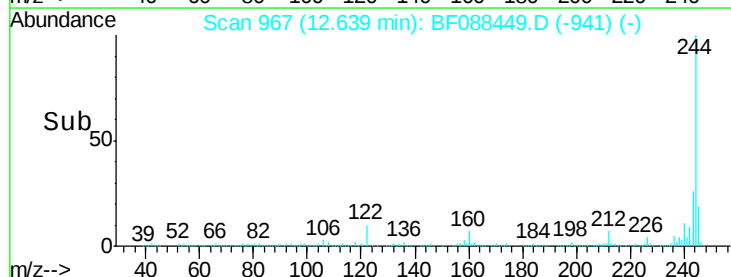
Tgt Ion	Ratio	Resp	Lower	Upper
244	100	767619		
212	7.3	6.0	9.0	
122	9.7	11.2	16.8	

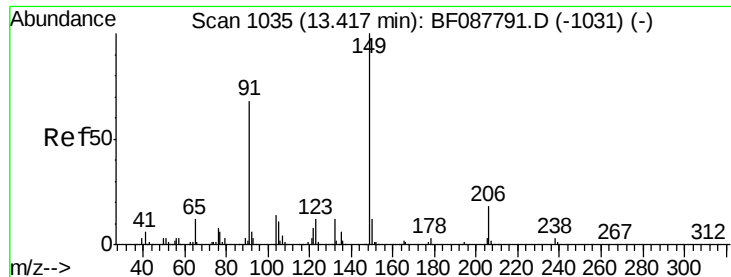


Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



Time-->





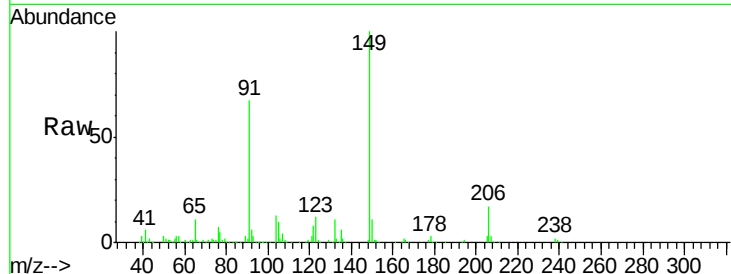
#79
Butylbenzylphthalate
Concen: 24.59 ng
RT: 13.11 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF088449.D
Acq: 27 Jun 2016 11:53

Instrument :
BNA_F
ClientSampleId :
HSR-WC-55-062216MS

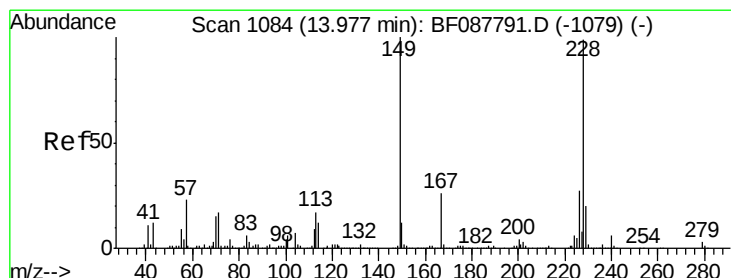
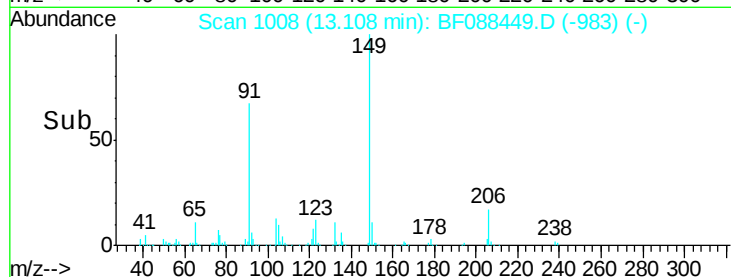
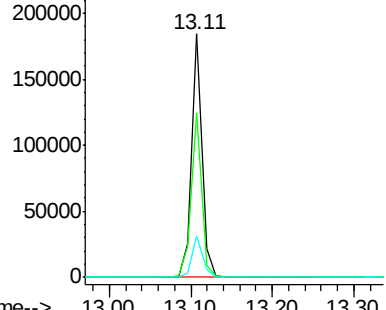
Tgt Ion	Ratio	Resp	Lower	Upper
149	100	162440		
91	67.2	48.0	72.0	
206	17.0	16.0	24.0	

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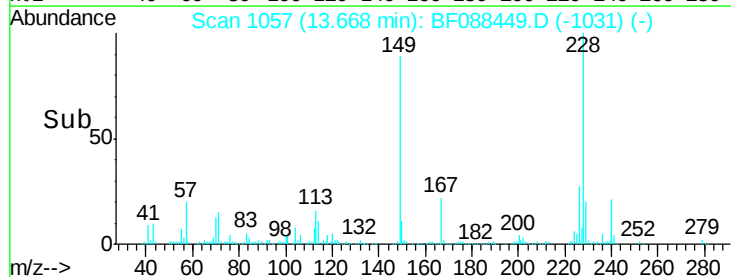
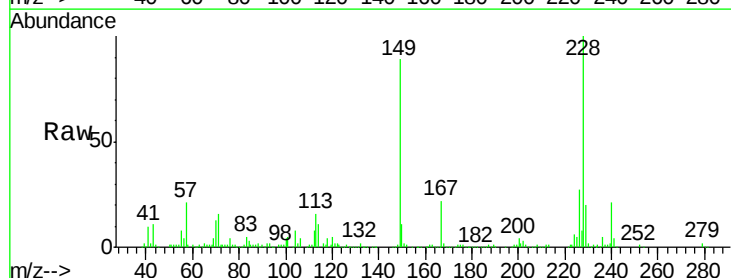
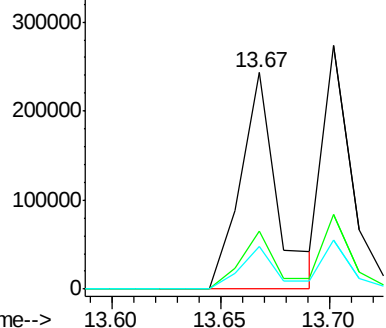
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

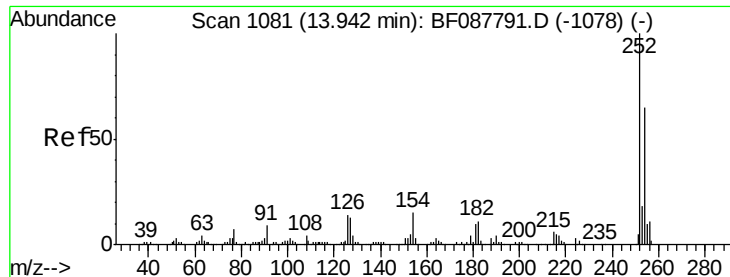


#80
Benzo(a)anthracene
Concen: 24.98 ng
RT: 13.67 min Scan# 1057
Delta R.T. -0.00 min
Lab File: BF088449.D
Acq: 27 Jun 2016 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	286618		
226	26.9	22.3	33.5	
229	19.8	16.0	24.0	

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





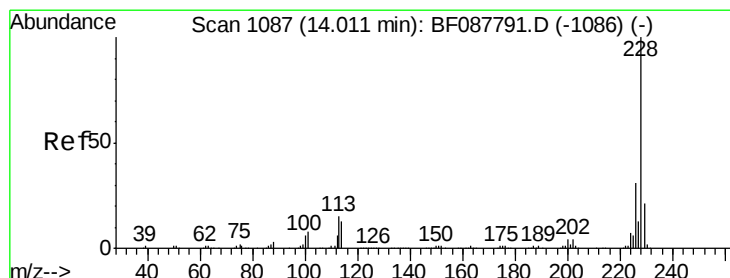
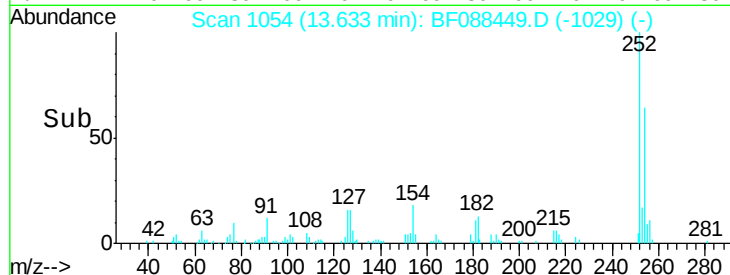
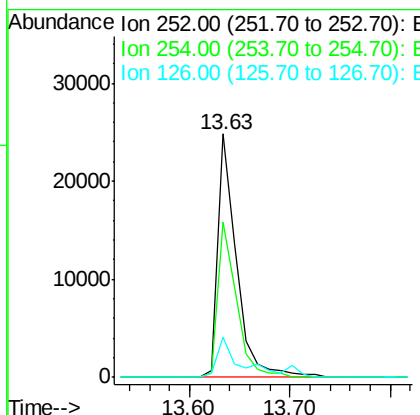
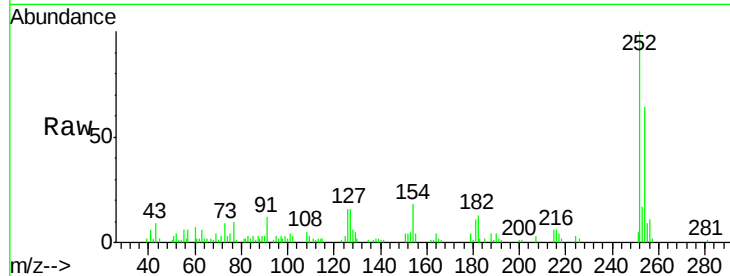
#81
 3,3'-Dichlorobenzidine
 Concen: 10.43 ng
 RT: 13.63 min Scan# 1054
 Delta R.T. -0.01 min
 Lab File: BF088449.D
 Acq: 27 Jun 2016 11:53

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-55-062216MS

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.9	52.6	78.8
126	16.4	6.2	9.2

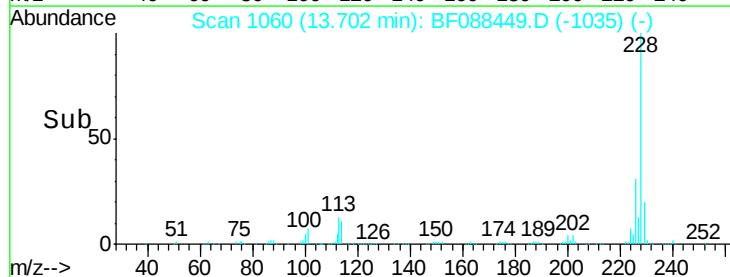
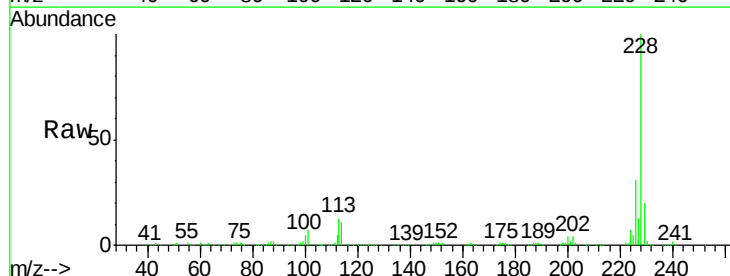
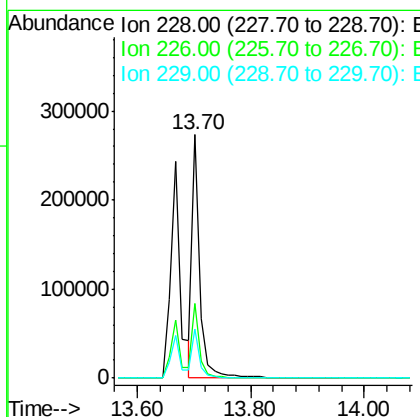
Manual Integrations
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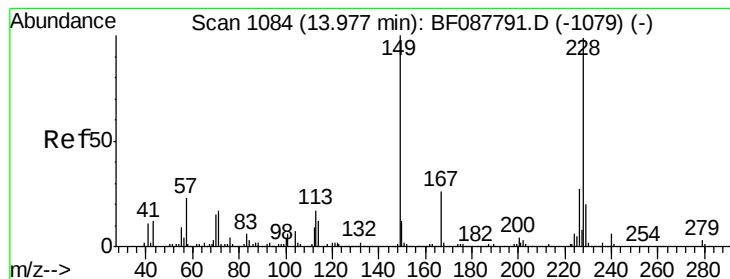
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#82
 Chrysene
 Concen: 24.29 ng
 RT: 13.70 min Scan# 1060
 Delta R.T. -0.01 min
 Lab File: BF088449.D
 Acq: 27 Jun 2016 11:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.4	38.2
229	20.0	16.3	24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 25.04 ng

RT: 13.67 min Scan# 1057

Delta R.T. -0.01 min

Lab File: BF088449.D

Acq: 27 Jun 2016 11:53

Instrument :

BNA_F

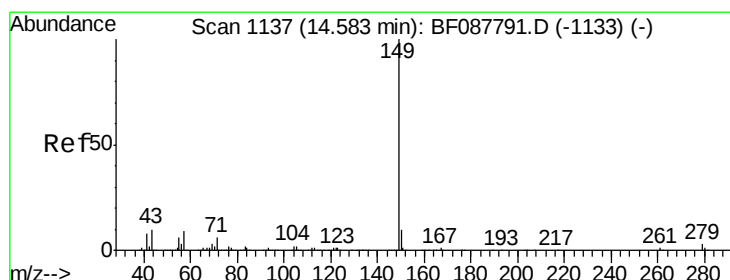
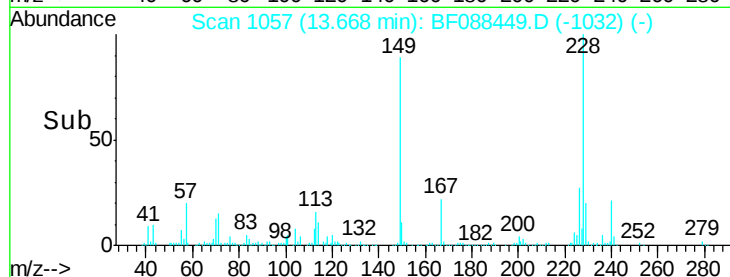
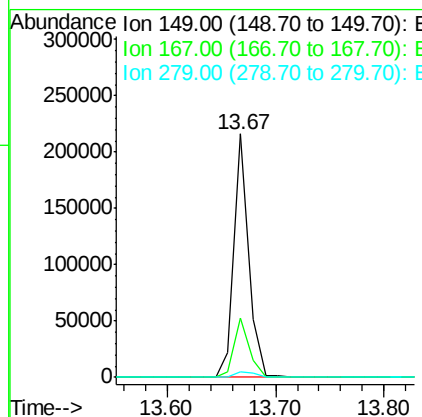
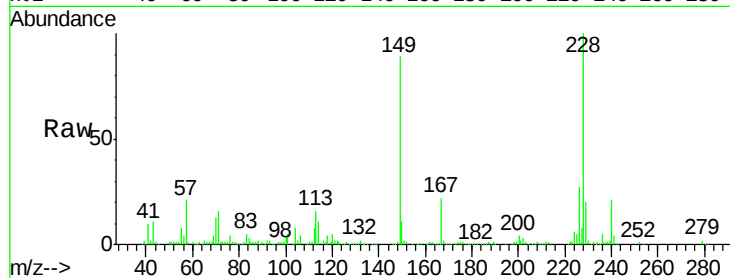
ClientSampleId :

HSR-WC-55-062216MS

Tgt Ion:	149	Resp:	201353
Ion Ratio		Lower	Upper
149	100		
167	24.6	20.5	30.7
279	2.4	2.0	3.0

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 25.85 ng

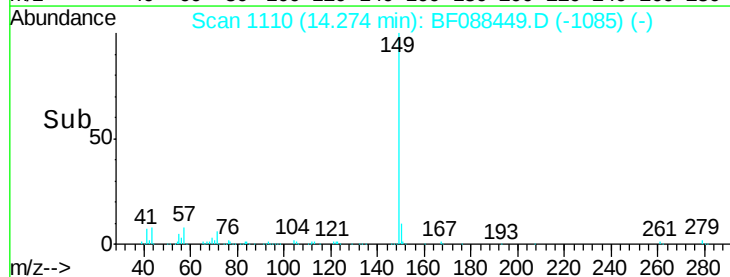
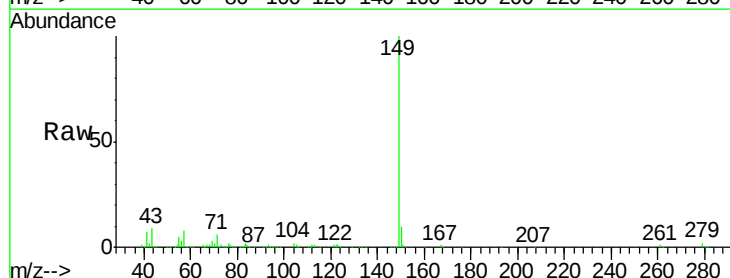
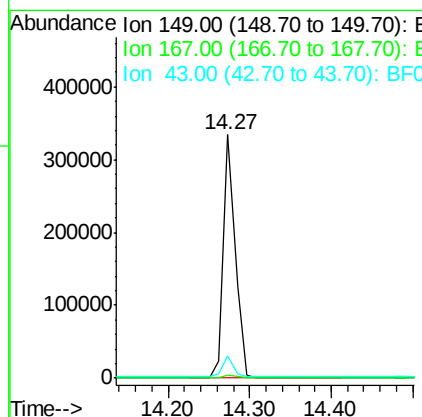
RT: 14.27 min Scan# 1110

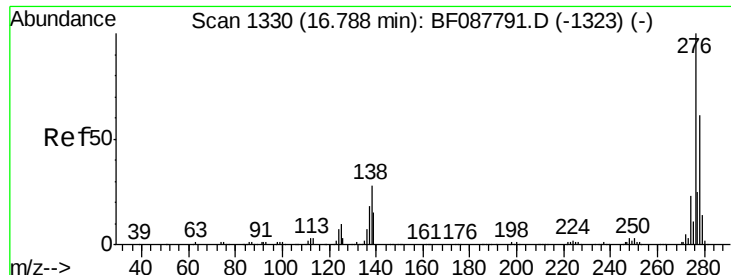
Delta R.T. -0.01 min

Lab File: BF088449.D

Acq: 27 Jun 2016 11:53

Tgt Ion:	149	Resp:	337715
Ion Ratio		Lower	Upper
149	100		
167	1.5	0.0	0.0#
43	7.8	0.0	0.0#





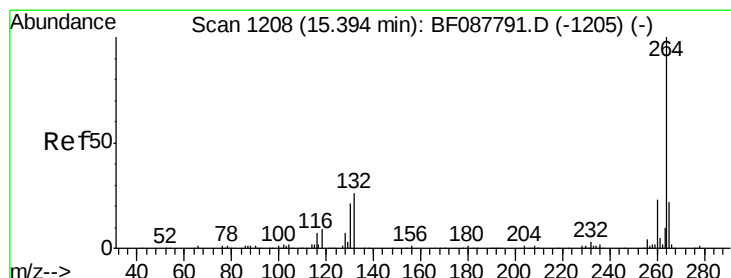
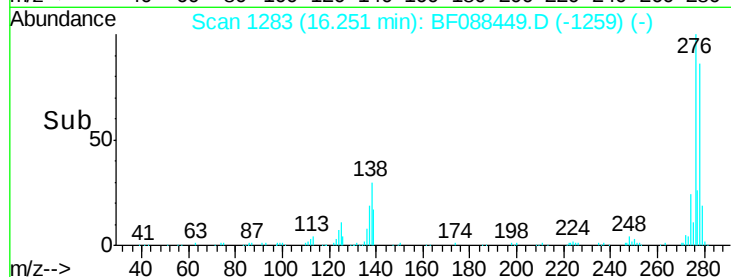
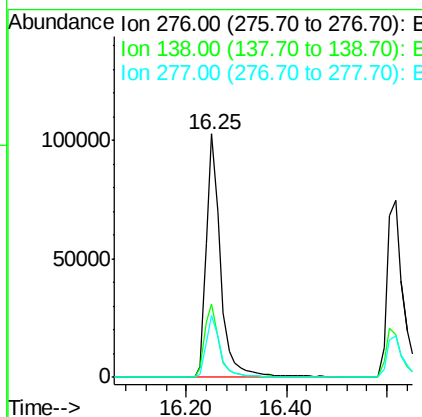
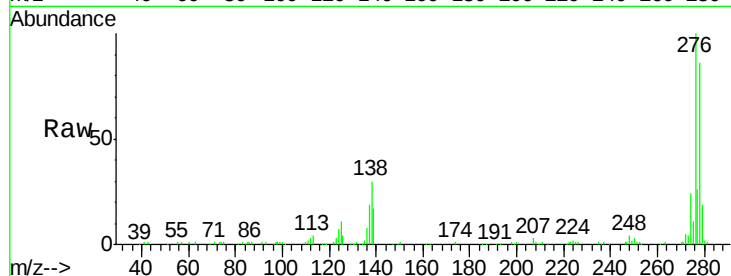
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 20.29 ng
 RT: 16.25 min Scan# 1283
 Delta R.T. -0.02 min
 Lab File: BF088449.D
 Acq: 27 Jun 2016 11:53

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-55-062216MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	30.4	0.0	0.0#
277	25.2	0.0	0.0#

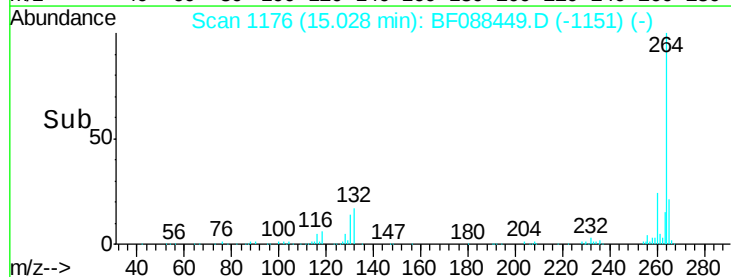
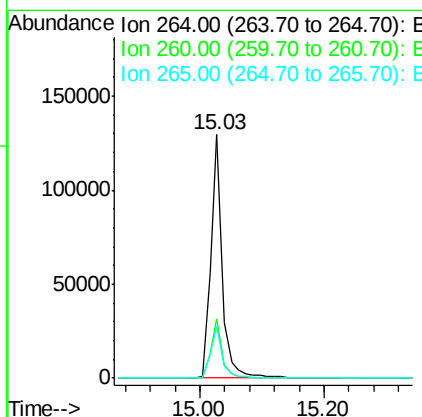
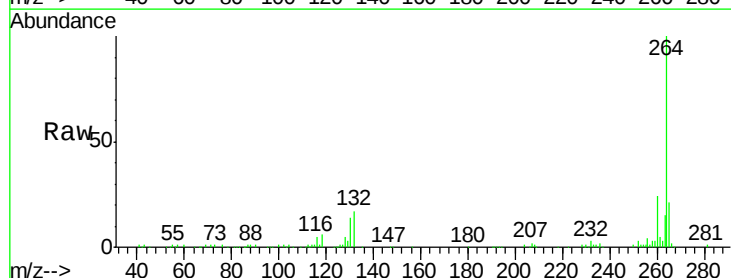
Manual Integrations
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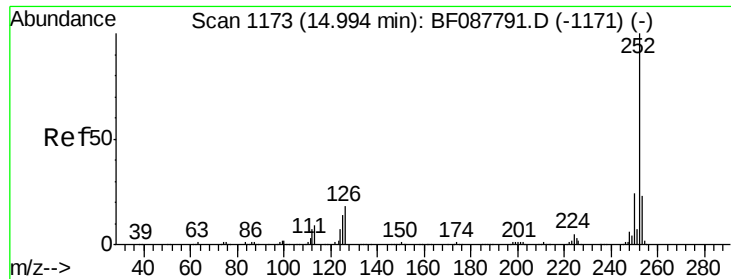
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.03 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: BF088449.D
 Acq: 27 Jun 2016 11:53

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	24.2	19.2	28.8
265	21.1	16.9	25.3





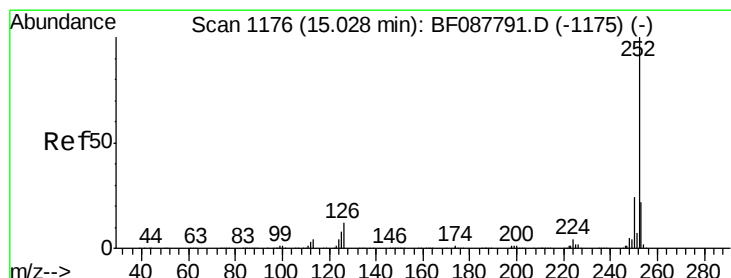
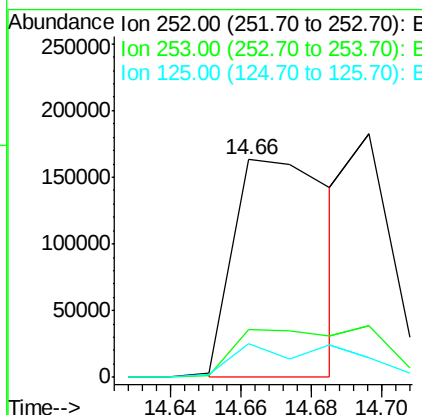
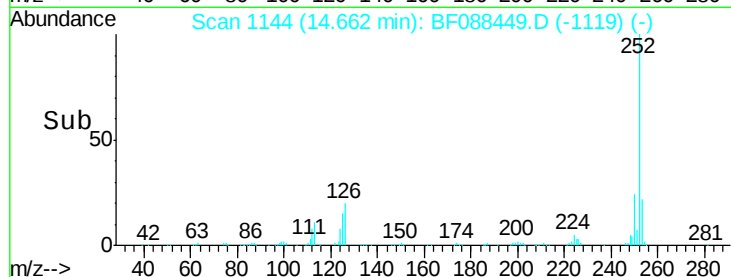
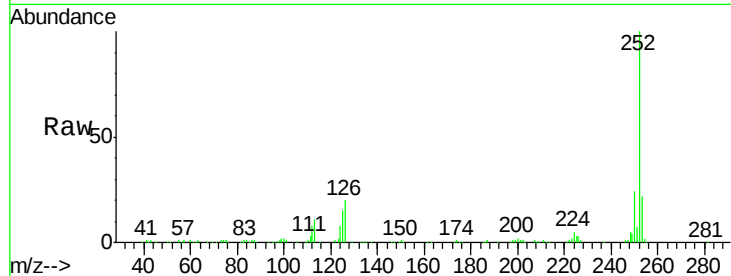
#87
Benzo(b)fluoranthene
Concen: 27.79 ng m
RT: 14.66 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BF088449.D
Acq: 27 Jun 2016 11:53

Instrument :
BNA_F
ClientSampleId :
HSR-WC-55-062216MS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.2
125	15.3	7.1	10.7

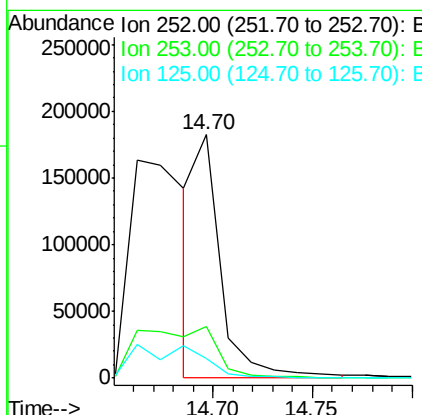
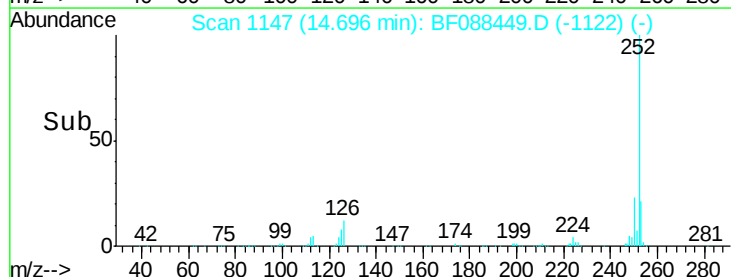
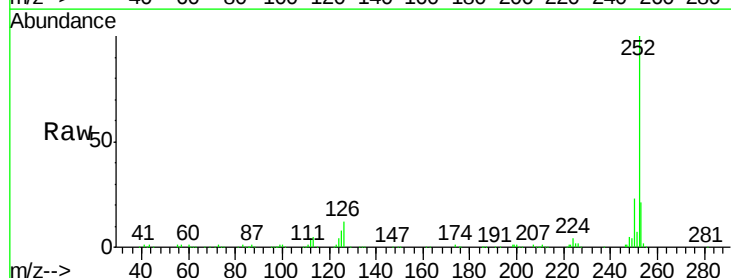
Manual Integrations
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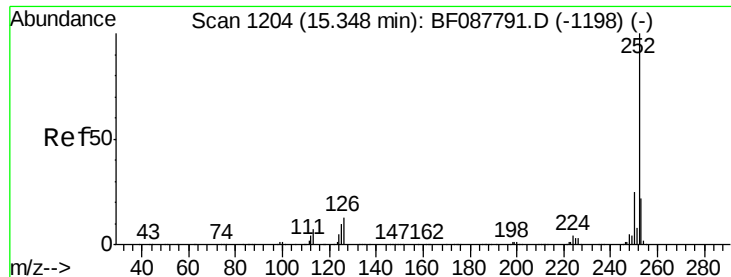
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#88
Benzo(k)fluoranthene
Concen: 19.15 ng m
RT: 14.70 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF088449.D
Acq: 27 Jun 2016 11:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	18.0	27.0
125	8.2	11.2	16.8





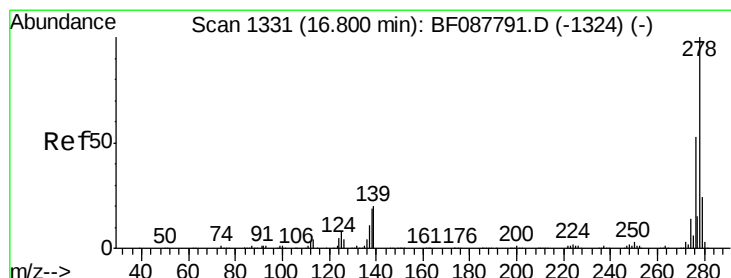
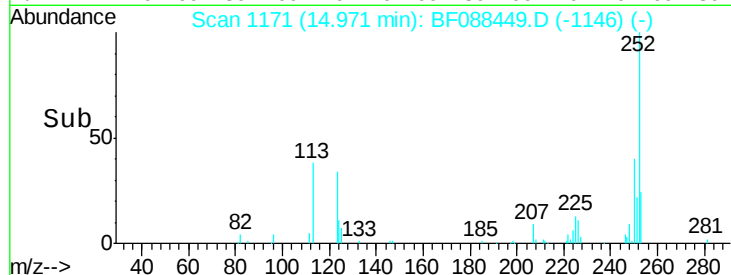
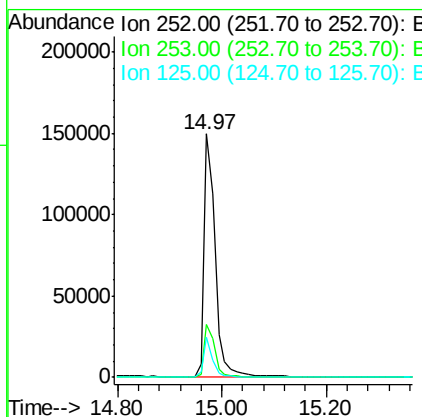
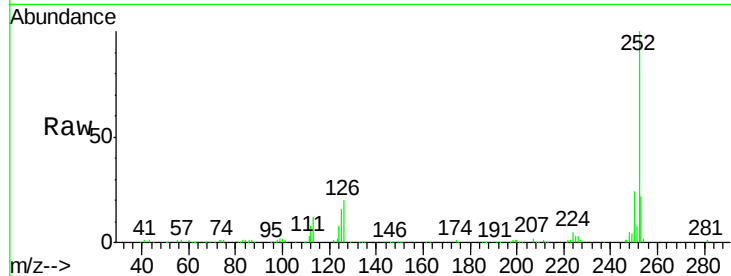
#89
Benzo(a)pyrene
Concen: 24.26 ng
RT: 14.97 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BF088449.D
Acq: 27 Jun 2016 11:53

Instrument :
BNA_F
ClientSampleId :
HSR-WC-55-062216MS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.9	26.9
125	16.4	12.5	18.7

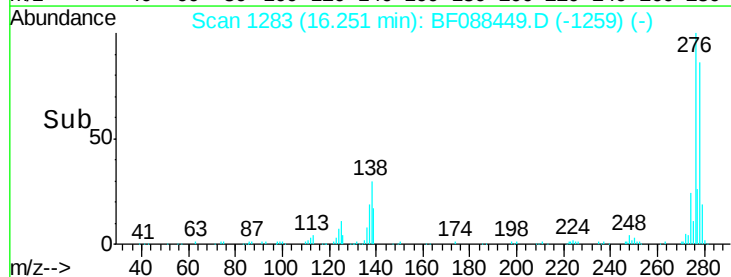
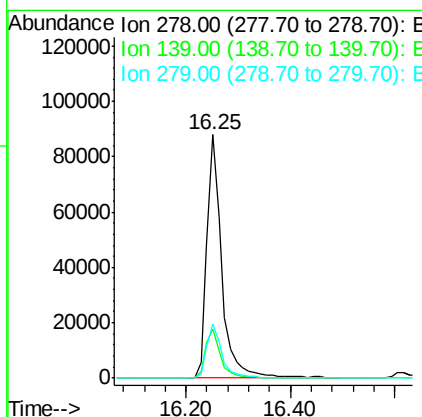
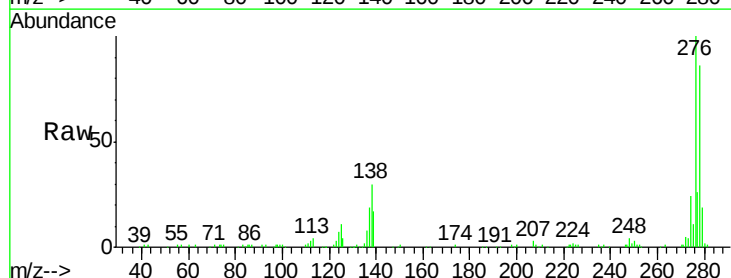
Manual Integrations
APPROVED

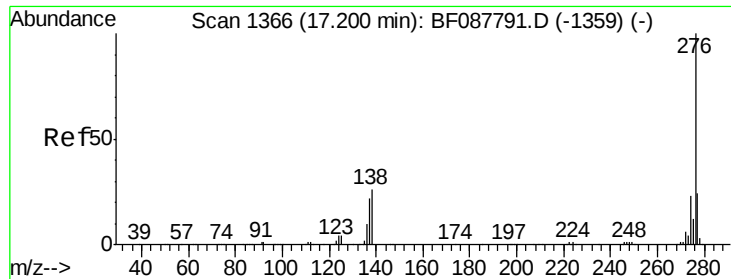
sohil
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#90
Dibenzo(a,h)anthracene
Concen: 20.25 ng
RT: 16.25 min Scan# 1283
Delta R.T. -0.02 min
Lab File: BF088449.D
Acq: 27 Jun 2016 11:53

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.9	15.7	23.5
279	22.3	19.4	29.2





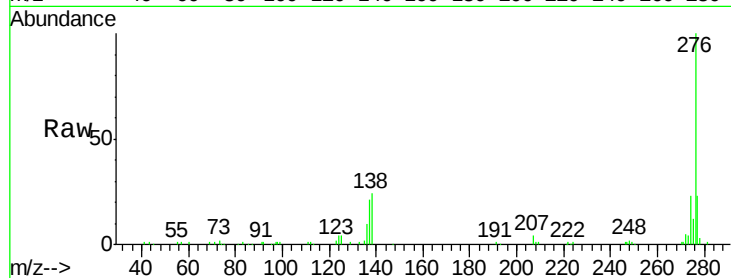
#91
 Benzo(g,h,i)perylene
 Concen: 19.43 ng
 RT: 16.62 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF088449.D
 Acq: 27 Jun 2016 11:53

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-55-062216MS

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	171998		
277	23.2		18.9	28.3
138	23.9		21.4	32.2

Manual Integrations
 APPROVED

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Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

