

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062616\
 Data File : BF088450.D
 Acq On : 27 Jun 2016 12:22
 Operator : UM/SJ
 Sample : H3731-01MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

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

Manual Integrations
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 6/27/2016 8:03:02 PM

Quant Time: Jun 27 19:30:27 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	63681m	20.00	ng	-0.01
21) Naphthalene-d8	7.83	136	272771	20.00	ng	-0.01
38) Acenaphthene-d10	9.58	164	129405	20.00	ng	-0.01
63) Phenanthrene-d10	11.05	188	245743	20.00	ng	-0.01
75) Chrysene-d12	13.68	240	203431	20.00	ng	-0.01
86) Perylene-d12	15.03	264	165718	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.14	112	459023	123.23	ng	0.01
7) Phenol-d6	6.22	99	568968	126.03	ng	-0.02
23) Nitrobenzene-d5	7.12	82	383090	82.01	ng	-0.02
41) 2,4,6-Tribromophenol	10.36	330	158781	116.21	ng	-0.01
44) 2-Fluorobiphenyl	8.90	172	729117	88.76	ng	-0.02
78) Terphenyl-d14	12.64	244	732430	81.93	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.12	88	57393m	31.71	ng	
3) Pyridine	2.80	79	49891m	11.67	ng	
4) n-Nitrosodimethylamine	2.67	42	28411	15.70	ng	# 81
6) Aniline	6.23	93	22082m	3.44	ng	
8) 2-Chlorophenol	6.33	128	98224	22.28	ng	88
9) Benzaldehyde	6.09	77	42110	11.45	ng	98
10) Phenol	6.23	94	107929	21.88	ng	94
11) bis(2-Chloroethyl)ether	6.28	93	99398	25.11	ng	87
12) 1,3-Dichlorobenzene	6.48	146	93802m	19.83	ng	
13) 1,4-Dichlorobenzene	6.56	146	98500m	20.67	ng	
14) 1,2-Dichlorobenzene	6.71	146	95734	22.09	ng	96
15) Benzyl Alcohol	6.71	79	74725	21.16	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.83	45	101034	18.89	ng	# 8
17) 2-Methylphenol	6.83	107	76354m	21.35	ng	
18) Hexachloroethane	7.04	117	35348m	20.90	ng	
19) n-Nitroso-di-n-propylamine	6.97	70	68134m	23.59	ng	
20) 3+4-Methylphenols	6.99	107	95989	23.01	ng	# 79
22) Acetophenone	6.96	105	140846	23.11	ng	# 97
24) Nitrobenzene	7.13	77	90440	19.99	ng	90
25) Isophorone	7.37	82	179434	20.74	ng	97
26) 2-Nitrophenol	7.45	139	54079	22.31	ng	# 89
27) 2,4-Dimethylphenol	7.51	122	91086	20.41	ng	92
28) bis(2-Chloroethoxy)methane	7.60	93	112901	21.04	ng	98
29) 2,4-Dichlorophenol	7.71	162	81970	22.00	ng	94
30) 1,2,4-Trichlorobenzene	7.77	180	83618	20.61	ng	100
31) Naphthalene	7.85	128	324774	24.06	ng	98
32) Benzoic acid	7.67	122	29200	11.88	ng	91
33) 4-Chloroaniline	7.93	127	22941	3.81	ng	94
34) Hexachlorobutadiene	7.96	225	44862	20.97	ng	98
35) Caprolactam	8.31	113	25386m	20.57	ng	
36) 4-Chloro-3-methylphenol	8.42	107	89850	22.55	ng	94
37) 2-Methylnaphthalene	8.54	142	197421	22.19	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.71	216	84983	21.20	ng	# 1
40) Hexachlorocyclopentadiene	8.68	237	22408	10.74	ng	98

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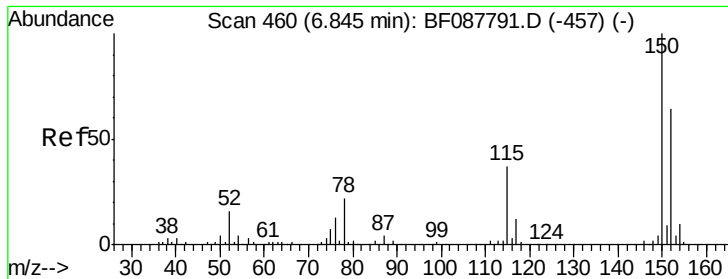
Manual Integrations
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 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.83	196	54625	21.11	ng	96
43) 2,4,5-Trichlorophenol	8.88	196	52839	19.63	ng	# 84
45) 1,1'-Biphenyl	9.00	154	256005	23.37	ng	96
46) 2-Chloronaphthalene	9.03	162	191186	22.83	ng	95
47) 2-Nitroaniline	9.14	65	52345	21.19	ng	# 69
48) Acenaphthylene	9.43	152	295244	22.17	ng	98
49) Dimethylphthalate	9.31	163	236059	25.18	ng	99
50) 2,6-Dinitrotoluene	9.38	165	53224	24.79	ng	97
51) Acenaphthene	9.60	154	174170	20.96	ng	99
52) 3-Nitroaniline	9.56	138	15345	6.19	ng	# 88
53) 2,4-Dinitrophenol	9.69	184	12827	15.83	ng	90
54) Dibenzofuran	9.78	168	269650	23.56	ng	92
55) 4-Nitrophenol	9.79	139	28508m	14.83	ng	
56) 2,4-Dinitrotoluene	9.79	165	65154	23.62	ng	# 94
57) Fluorene	10.11	166	210676	25.11	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.91	232	46350	21.91	ng	# 59
59) Diethylphthalate	10.01	149	239238	25.21	ng	98
60) 4-Chlorophenyl-phenylether	10.11	204	93381	24.54	ng	97
61) 4-Nitroaniline	10.17	138	46910	19.96	ng	97
62) Azobenzene	10.27	77	228141	24.31	ng	96
64) 4,6-Dinitro-2-methylphenol	10.20	198	9773	8.25	ng	86
65) n-Nitrosodiphenylamine	10.24	169	186600	22.88	ng	100
66) 4-Bromophenyl-phenylether	10.60	248	56977	21.61	ng	94
67) Hexachlorobenzene	10.66	284	61397	22.41	ng	96
68) Atrazine	10.78	200	40550	16.42	ng	94
69) Pentachlorophenol	10.88	266	49586	34.34	ng	98
70) Phenanthrene	11.07	178	314631	24.40	ng	98
71) Anthracene	11.12	178	333121	25.61	ng	98
72) Carbazole	11.29	167	310918	25.54	ng	98
73) Di-n-butylphthalate	11.62	149	363631	23.60	ng	99
74) Fluoranthene	12.25	202	321779	23.65	ng	99
76) Benzidine	12.40	184	11465	2.04	ng	# 1
77) Pyrene	12.48	202	327212	21.68	ng	99
79) Butylbenzylphthalate	13.11	149	161058	24.13	ng	93
80) Benzo(a)anthracene	13.67	228	284384	24.53	ng	98
81) 3,3'-Dichlorobenzidine	13.63	252	20725	6.65	ng	# 96
82) Chrysene	13.70	228	268824	24.65	ng	98
83) Bis(2-ethylhexyl)phthalate	13.67	149	204384	25.16	ng	98
84) Di-n-octyl phthalate	14.27	149	357041	27.05	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.25	276	209105	20.64	ng	# 100
87) Benzo(b)fluoranthene	14.67	252	323910m	28.04	ng	
88) Benzo(k)fluoranthene	14.70	252	178098m	20.44	ng	
89) Benzo(a)pyrene	14.97	252	231021	24.72	ng	100
90) Dibenzo(a,h)anthracene	16.25	278	178310	20.54	ng	98
91) Benzo(g,h,i)perylene	16.62	276	174347	19.53	ng	98

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



#1

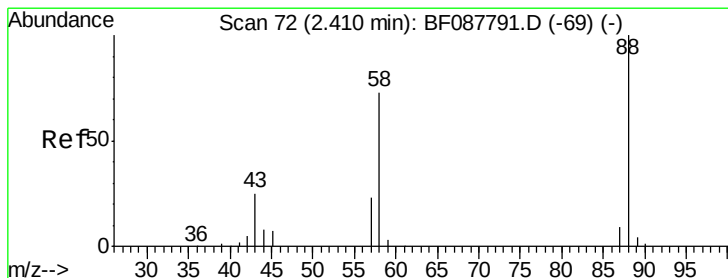
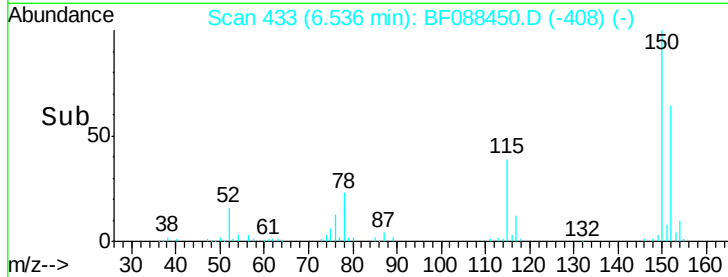
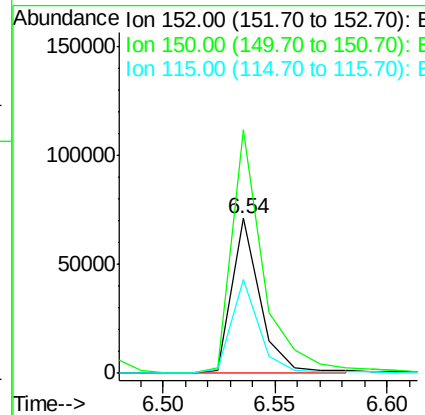
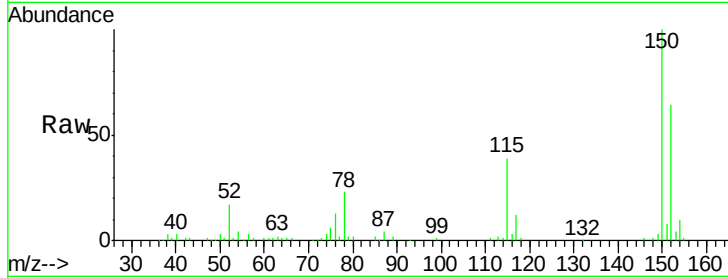
1,4-Dichlorobenzene-d4
Concen: 20.00 ng m
RT: 6.54 min Scan# 433
Delta R.T. -0.01 min
Lab File: BF088450.D
Acq: 27 Jun 2016 12:22

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

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.1	123.8	185.6
115	60.5	39.6	59.4

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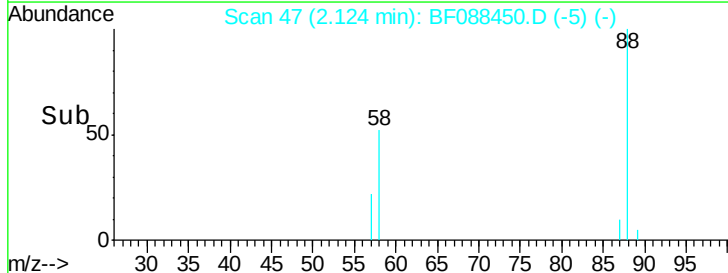
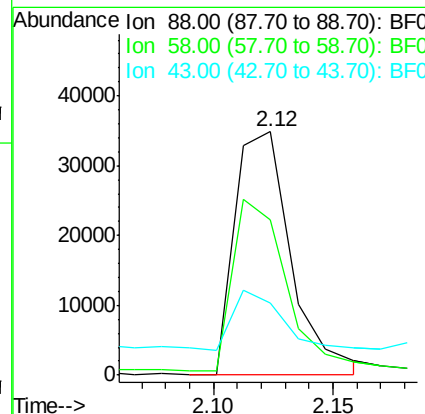
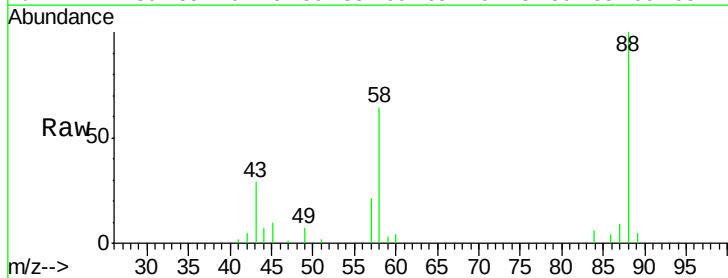
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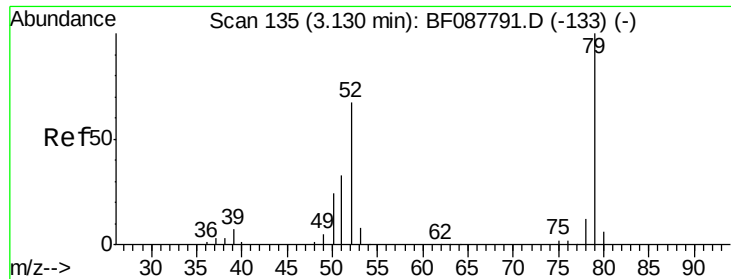


#2

1,4-Dioxane
Concen: 31.71 ng m
RT: 2.12 min Scan# 47
Delta R.T. 0.18 min
Lab File: BF088450.D
Acq: 27 Jun 2016 12:22

Tgt Ion	Ratio	Lower	Upper
88	100		
58	5.8	0.0	0.0
43	0.0	3.4	5.2





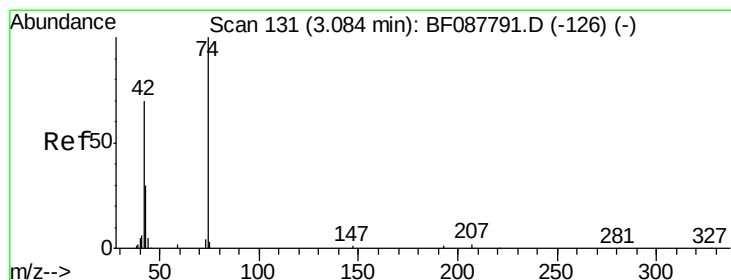
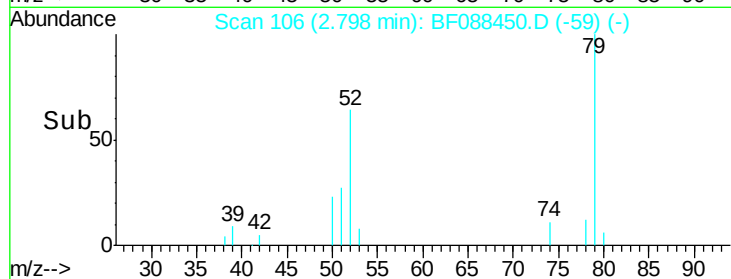
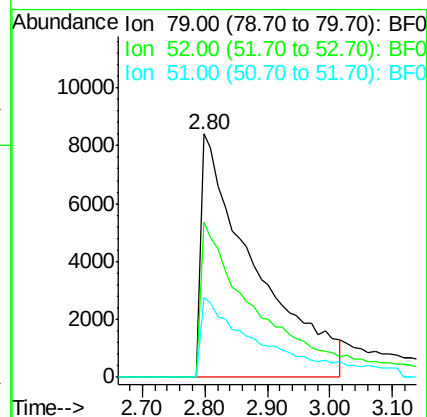
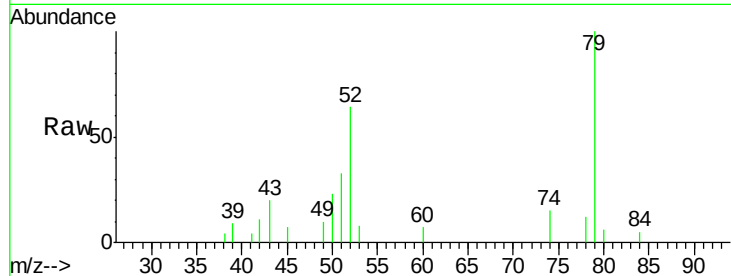
#3
 Pyridine
 Concen: 11.67 ng m
 RT: 2.80 min Scan# 106
 Delta R.T. 0.24 min
 Lab File: BF088450.D
 Acq: 27 Jun 2016 12:22

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

Tgt Ion:	79	Resp:	49891
Ion	Ratio	Lower	Upper
79	100		
52	63.7	56.3	84.5
51	32.9	27.4	41.2

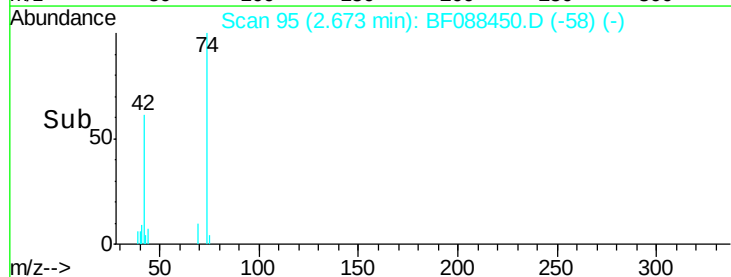
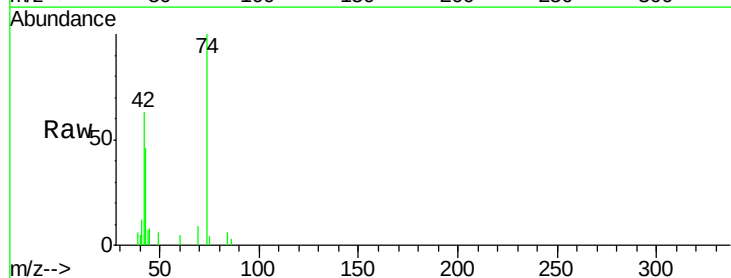
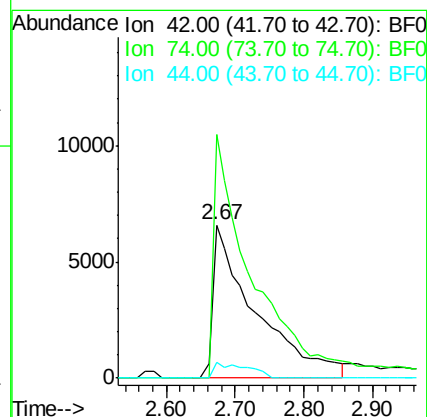
Manual Integrations
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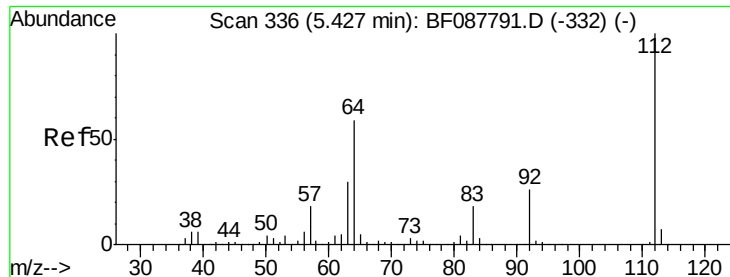
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#4
 n-Nitrosodimethylamine
 Concen: 15.70 ng
 RT: 2.67 min Scan# 95
 Delta R.T. 0.13 min
 Lab File: BF088450.D
 Acq: 27 Jun 2016 12:22

Tgt Ion:	42	Resp:	28411
Ion	Ratio	Lower	Upper
42	100		
74	158.9	108.6	163.0
44	10.3	5.5	8.3#





#5

2-Fluorophenol

Concen: 123.23 ng

RT: 5.14 min Scan# 311

Delta R.T. 0.01 min

Lab File: BF088450.D

Acq: 27 Jun 2016 12:22

Instrument :

BNA_F

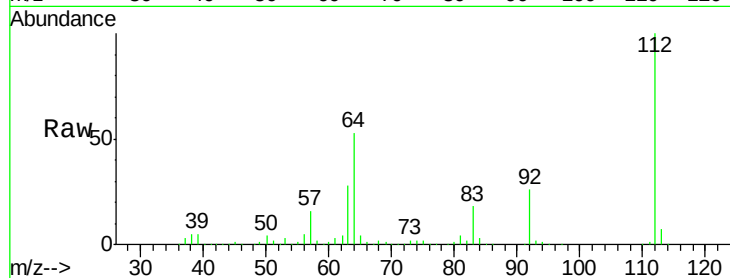
ClientSampleId :

HSR-WC-55-062216MSD

Tgt Ion:	112	Resp:	459023
Ion Ratio	Lower	Upper	
112	100		
64	53.0	42.2	63.2
63	27.7	21.8	32.8

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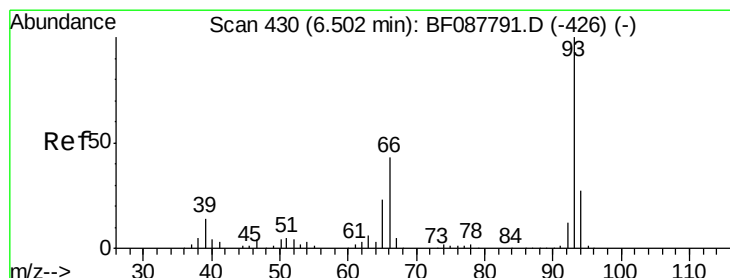
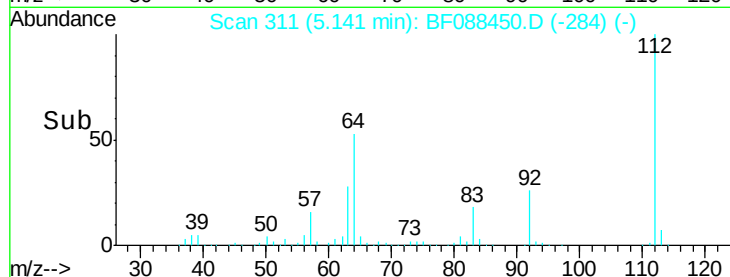
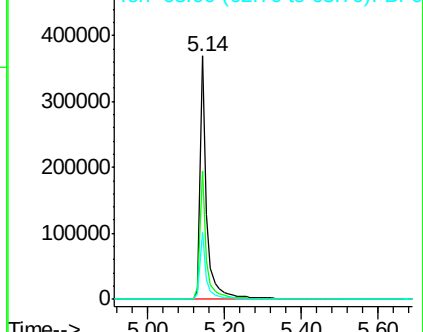
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 3.44 ng m

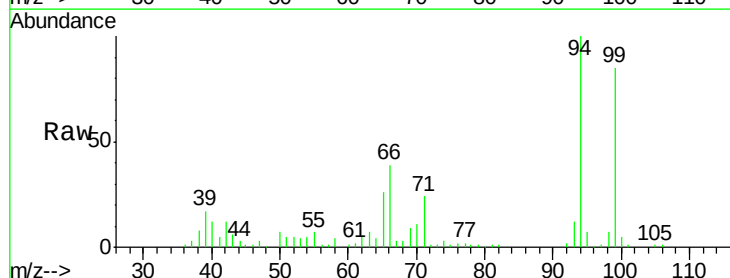
RT: 6.23 min Scan# 406

Delta R.T. 0.00 min

Lab File: BF088450.D

Acq: 27 Jun 2016 12:22

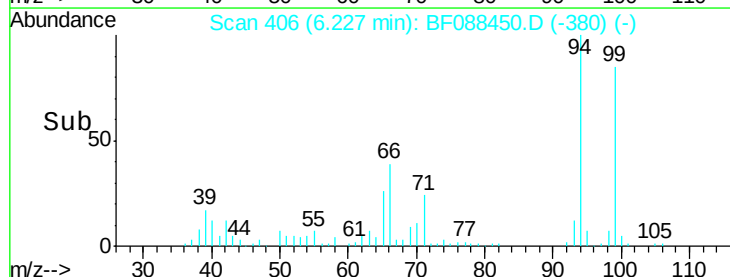
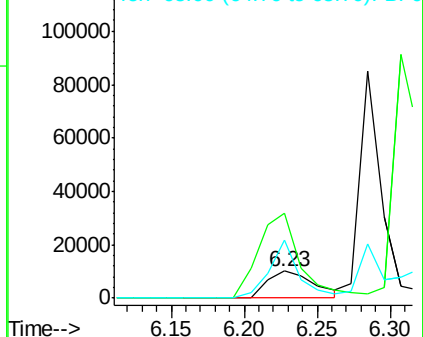
Tgt Ion:	93	Resp:	22082
Ion Ratio	Lower	Upper	
93	100		
66	314.4	29.8	44.8#
65	211.7	14.9	22.3#

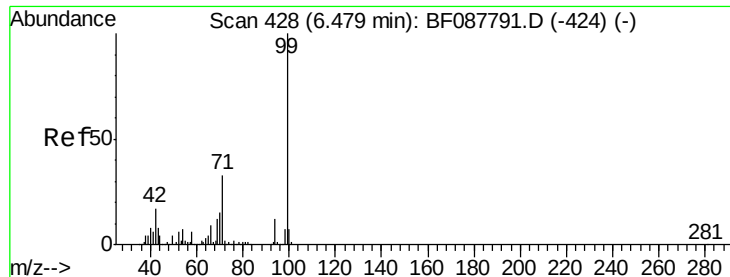


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 126.03 ng

RT: 6.22 min Scan# 405

Delta R.T. -0.02 min

Lab File: BF088450.D

Acq: 27 Jun 2016 12:22

Instrument :

BNA_F

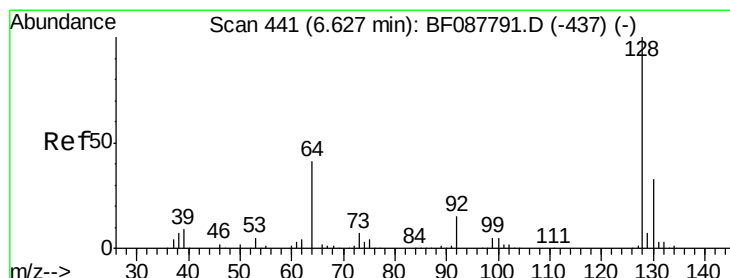
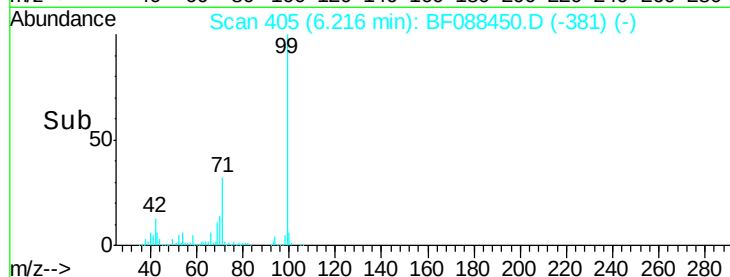
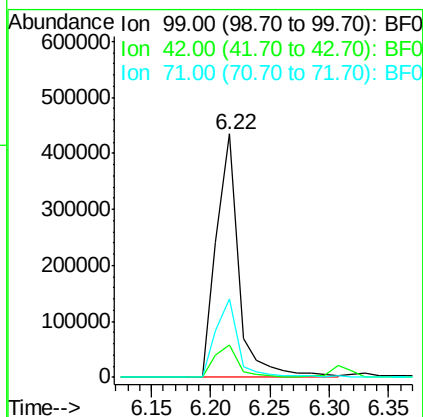
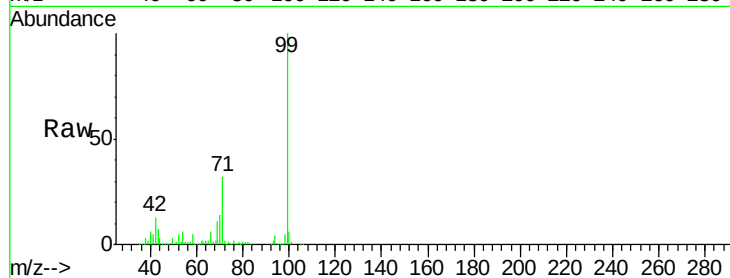
ClientSampleId :

HSR-WC-55-062216MSD

Tgt Ion:	99	Resp:	568968
Ion	Ratio	Lower	Upper
99	100		
42	13.3	12.2	18.2
71	32.3	23.4	35.0

Manual Integrations
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#8

2-Chlorophenol

Concen: 22.28 ng

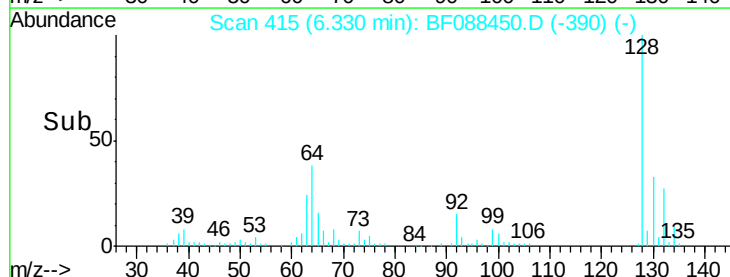
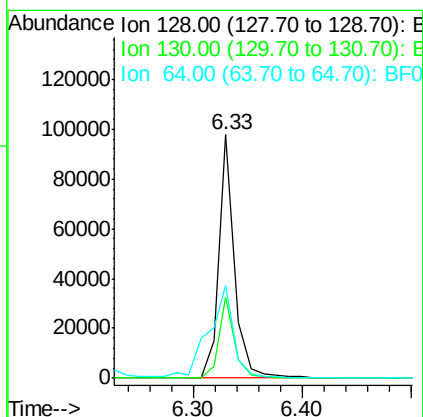
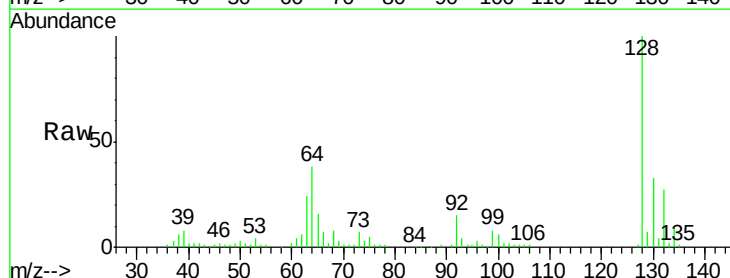
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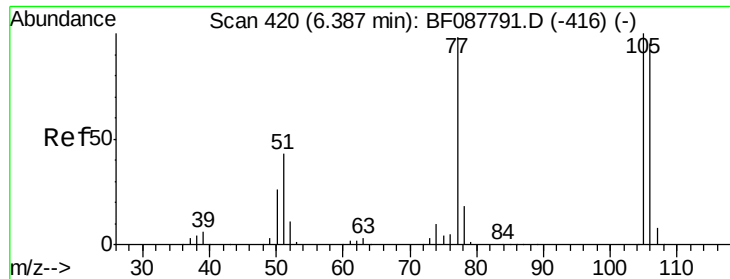
Delta R.T. -0.01 min

Lab File: BF088450.D

Acq: 27 Jun 2016 12:22

Tgt Ion:	128	Resp:	98224
Ion	Ratio	Lower	Upper
128	100		
130	33.2	12.0	52.0
64	38.0	30.8	70.8





#9

Benzaldehyde

Concen: 11.45 ng

RT: 6.09 min Scan# 394

Delta R.T. -0.01 min

Lab File: BF088450.D

Acq: 27 Jun 2016 12:22

Instrument :

BNA_F

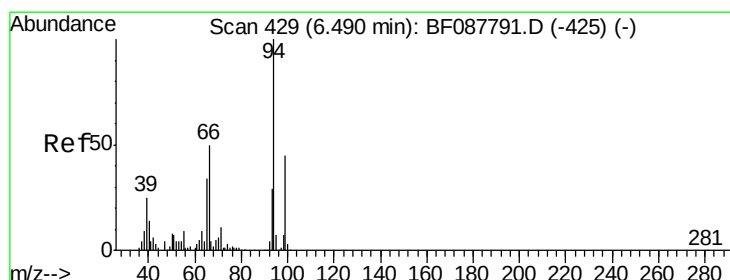
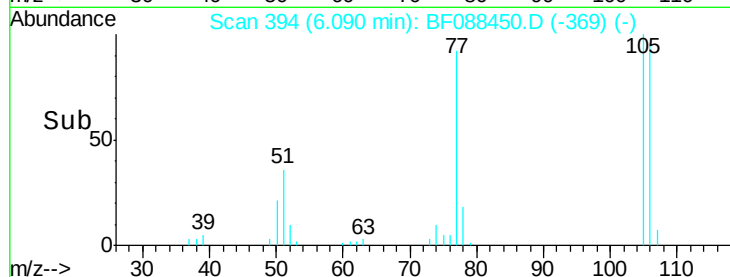
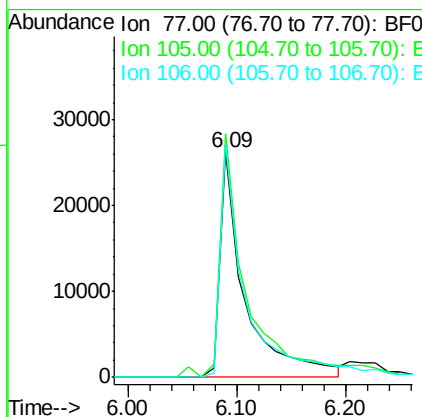
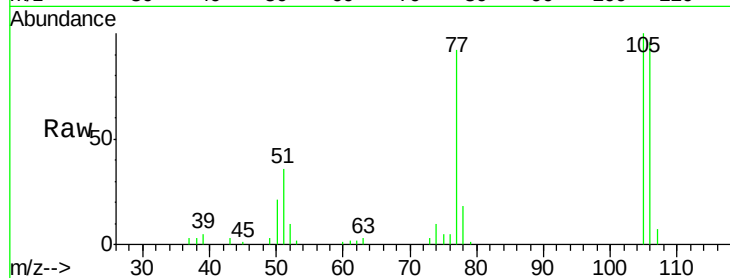
ClientSampleId :

HSR-WC-55-062216MSD

Tgt Ion:	77	Resp:	42110
Ion	Ratio	Lower	Upper
77	100		
105	108.2	90.6	130.6
106	103.9	85.3	125.3

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#10

Phenol

Concen: 21.88 ng

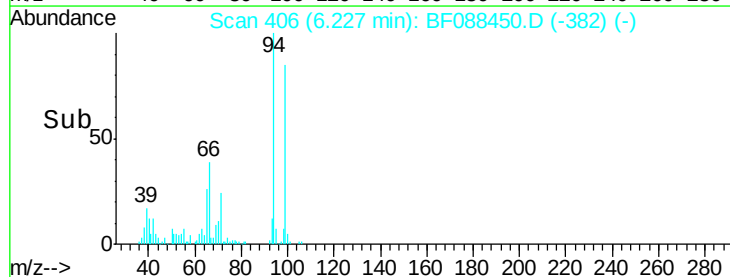
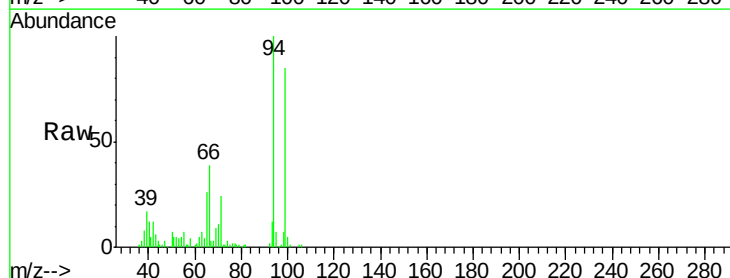
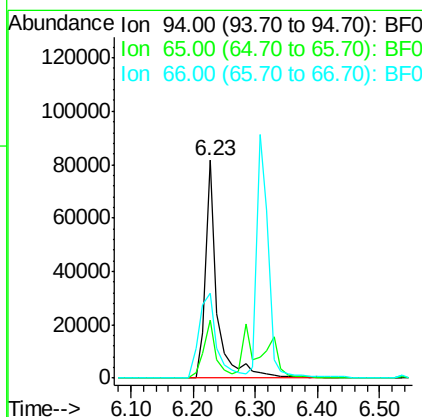
RT: 6.23 min Scan# 406

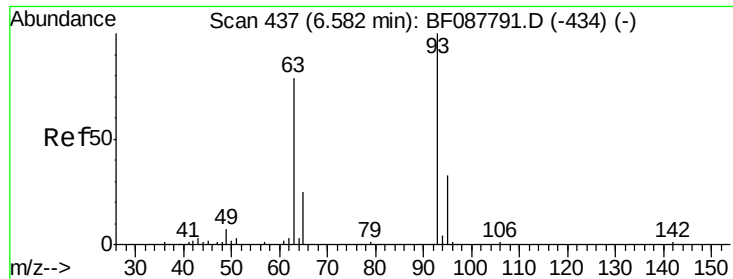
Delta R.T. -0.02 min

Lab File: BF088450.D

Acq: 27 Jun 2016 12:22

Tgt Ion:	94	Resp:	107929
Ion	Ratio	Lower	Upper
94	100		
65	26.4	5.9	45.9
66	39.3	14.0	54.0





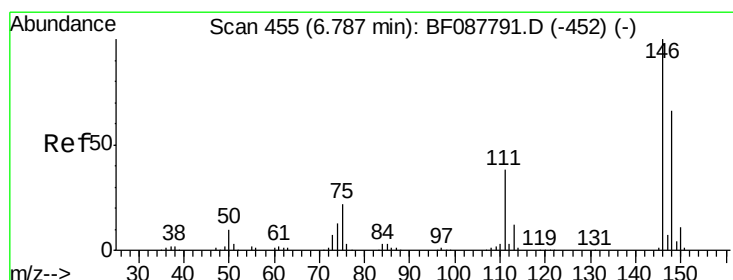
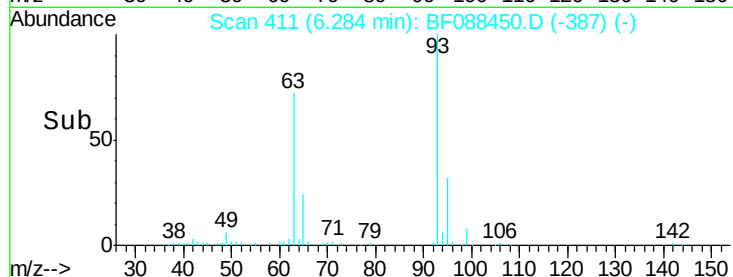
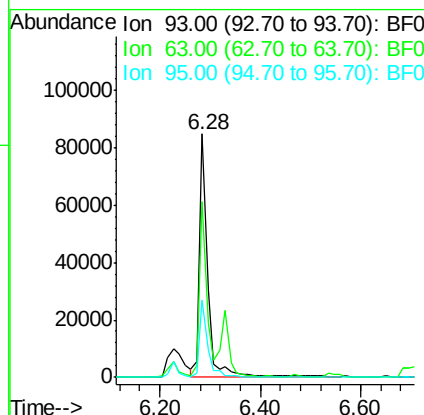
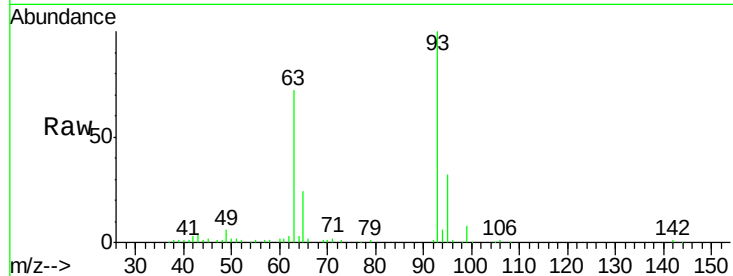
#11
bis(2-Chloroethyl)ether
Concen: 25.11 ng
RT: 6.28 min Scan# 411
Delta R.T. -0.02 min
Lab File: BF088450.D
Acq: 27 Jun 2016 12:22

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

Tgt Ion	Ratio	Lower	Upper
93	100		
63	72.0	67.6	107.6
95	31.7	12.5	52.5

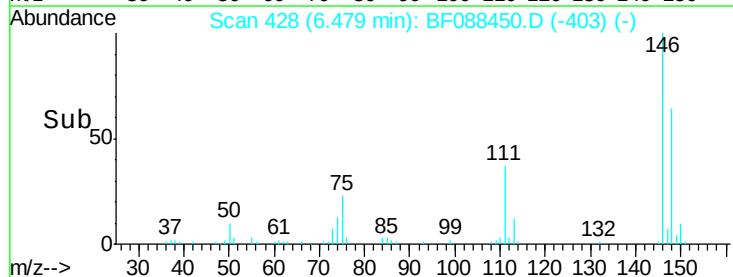
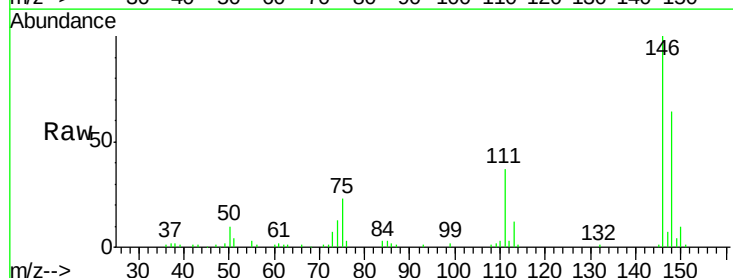
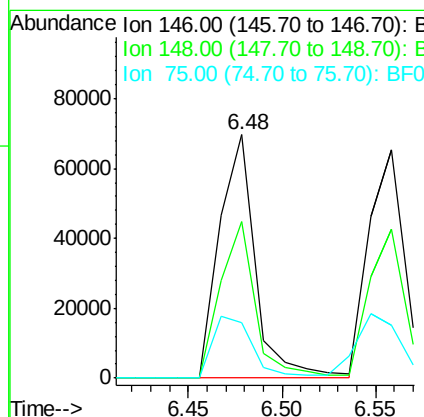
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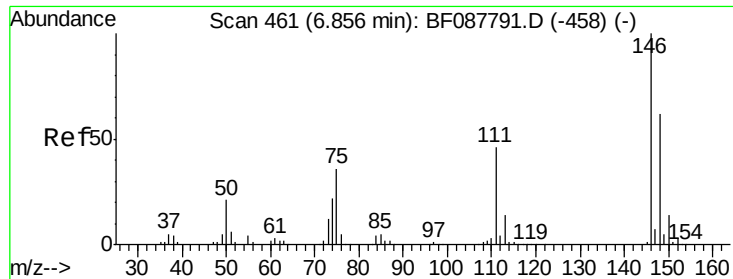
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#12
1,3-Dichlorobenzene
Concen: 19.83 ng m
RT: 6.48 min Scan# 428
Delta R.T. -0.01 min
Lab File: BF088450.D
Acq: 27 Jun 2016 12:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.9	76.3
75	22.7	25.6	38.4#





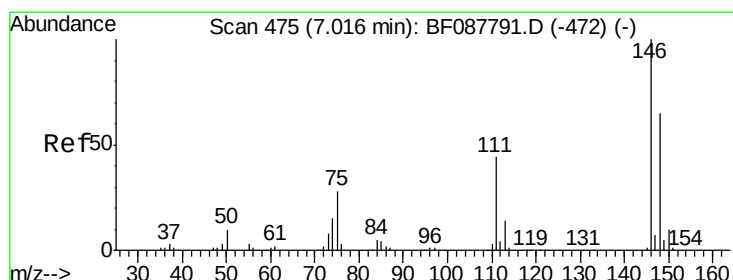
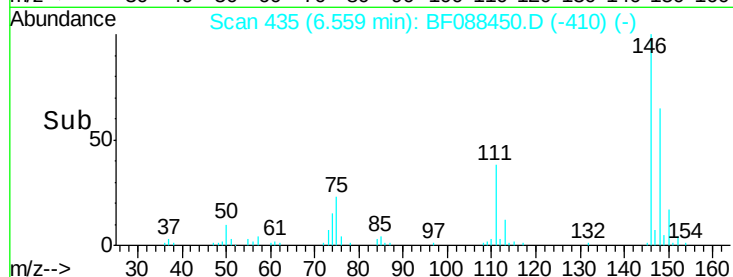
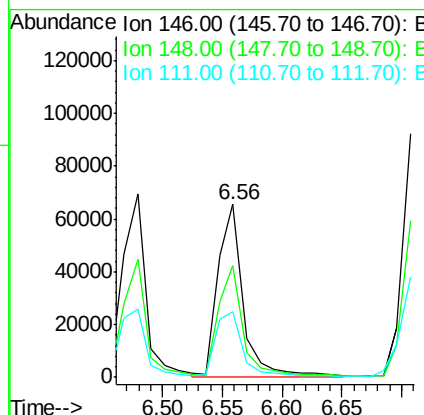
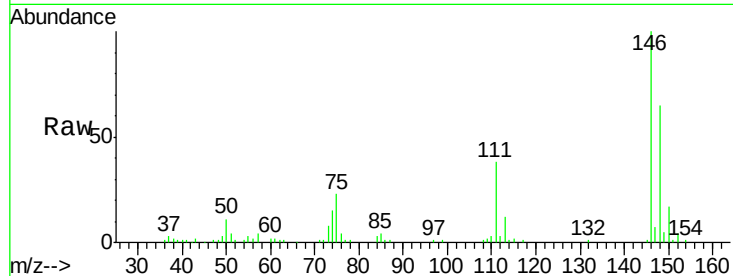
#13
 1,4-Dichlorobenzene
 Concen: 20.67 ng m
 RT: 6.56 min Scan# 435
 Delta R.T. -0.01 min
 Lab File: BF088450.D
 Acq: 27 Jun 2016 12:22

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

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	52.0	78.0
111	38.0	33.8	50.8

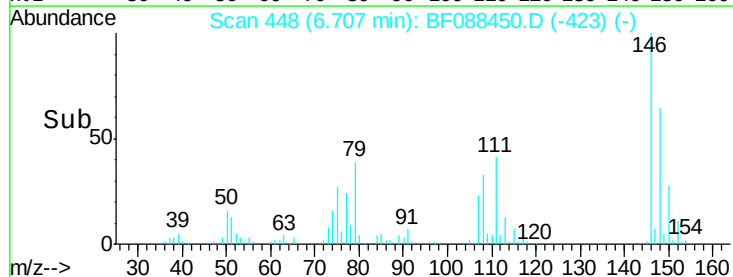
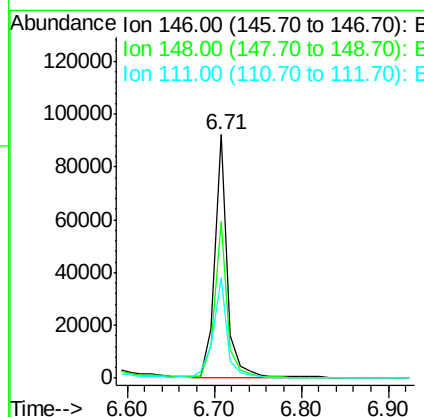
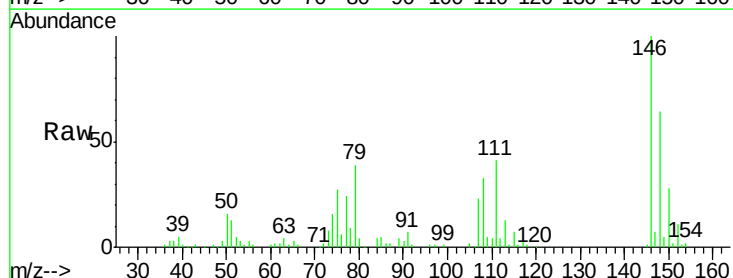
Manual Integrations
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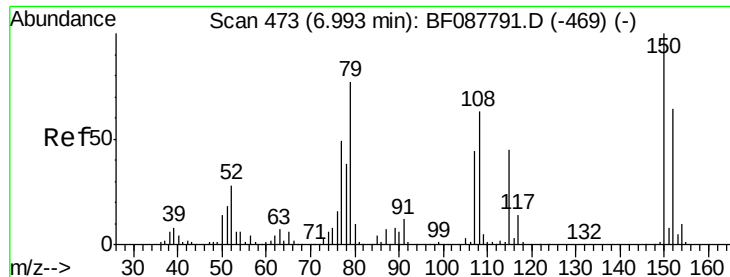
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#14
 1,2-Dichlorobenzene
 Concen: 22.09 ng
 RT: 6.71 min Scan# 448
 Delta R.T. -0.01 min
 Lab File: BF088450.D
 Acq: 27 Jun 2016 12:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	52.3	78.5
111	41.2	28.7	43.1





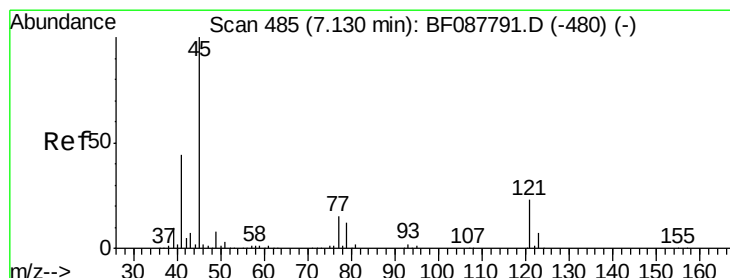
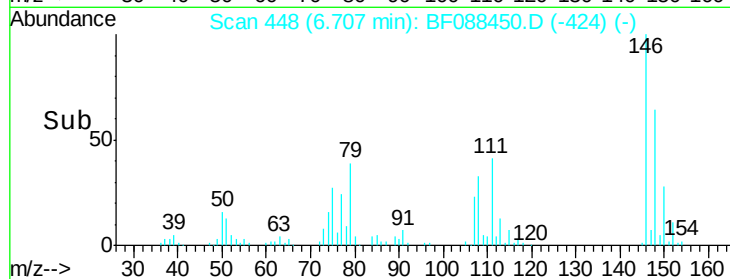
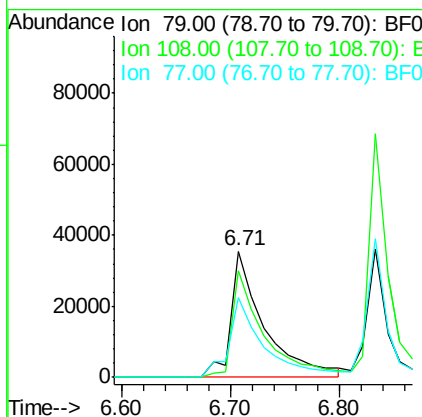
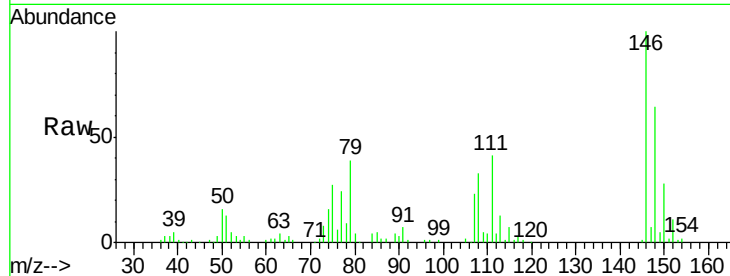
#15
Benzyl Alcohol
Concen: 21.16 ng
RT: 6.71 min Scan# 448
Delta R.T. -0.02 min
Lab File: BF088450.D
Acq: 27 Jun 2016 12:22

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

Tgt Ion: 79 Resp: 74725
Ion Ratio Lower Upper
79 100
108 84.6 65.0 97.6
77 63.5 50.3 75.5

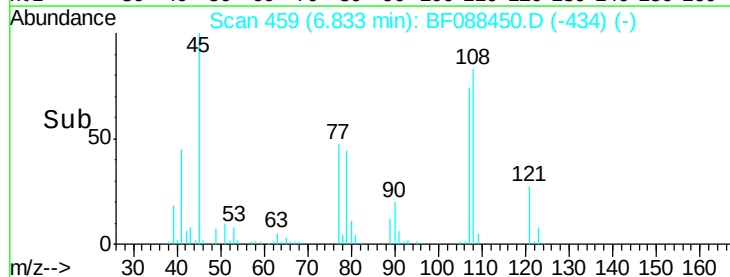
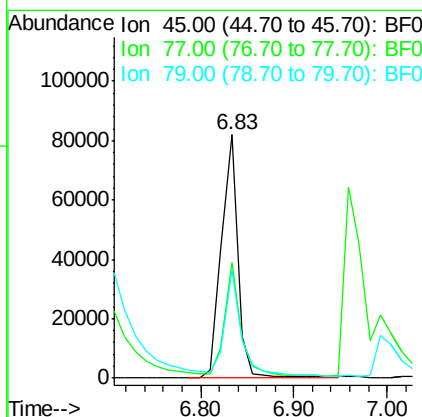
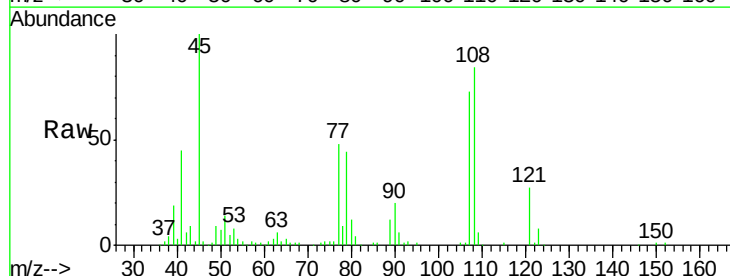
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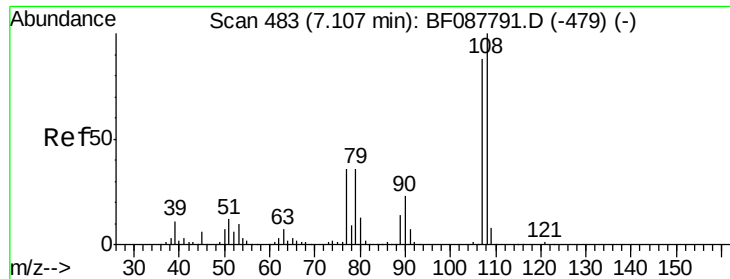
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 18.89 ng
RT: 6.83 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF088450.D
Acq: 27 Jun 2016 12:22

Tgt Ion: 45 Resp: 101034
Ion Ratio Lower Upper
45 100
77 47.6 0.0 32.5#
79 44.2 0.0 29.5#





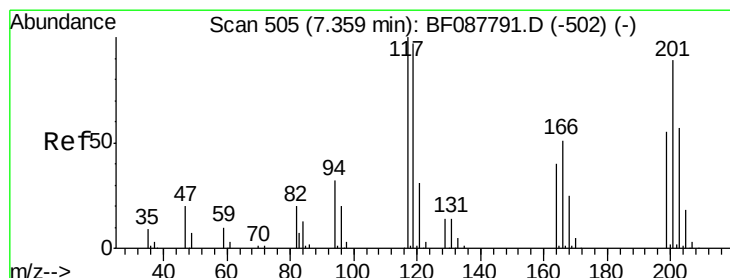
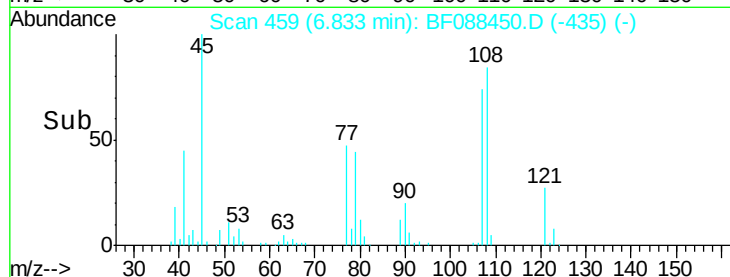
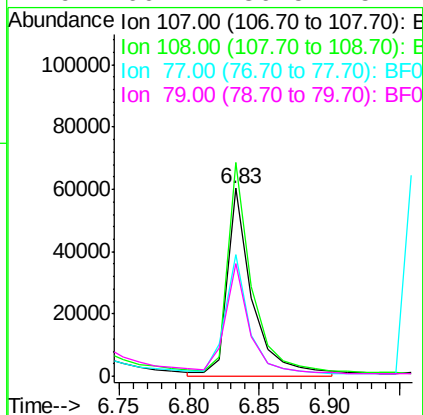
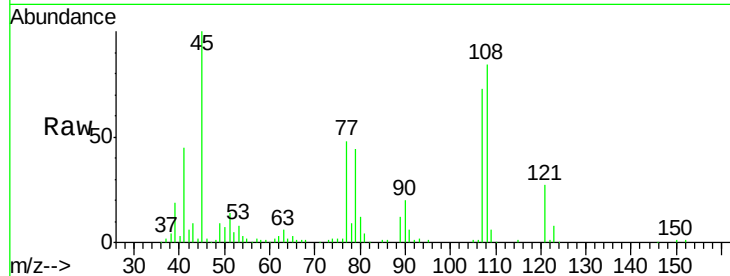
#17
2-Methylphenol
Concen: 21.35 ng m
RT: 6.83 min Scan# 459
Delta R.T. -0.02 min
Lab File: BF088450.D
Acq: 27 Jun 2016 12:22

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

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	76354		
108	113.9	90.9	136.3	
77	64.8	36.6	55.0	
79	60.2	36.5	54.7	

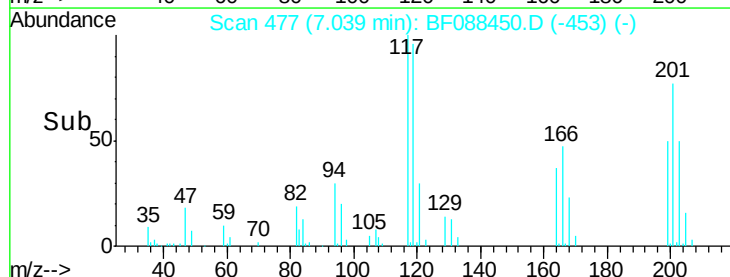
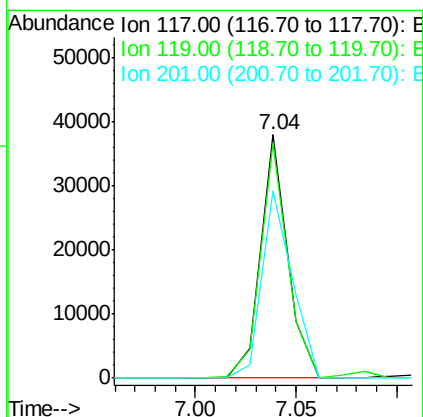
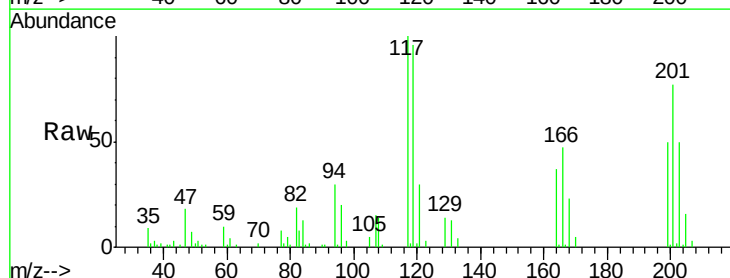
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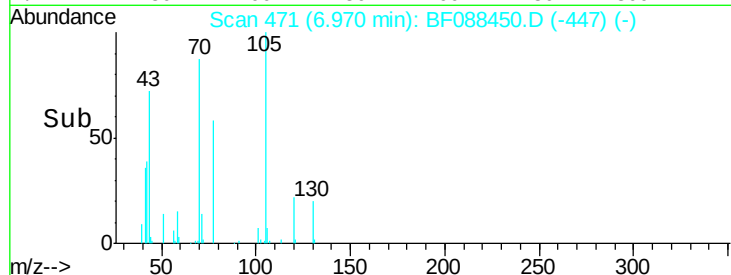
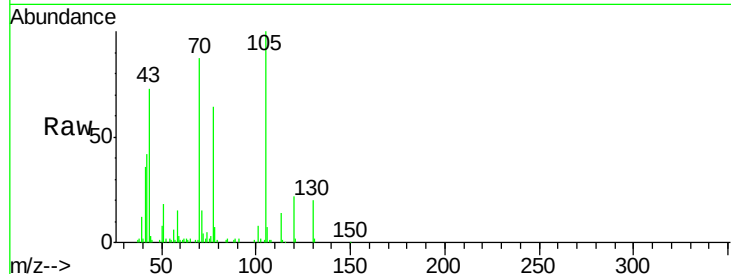
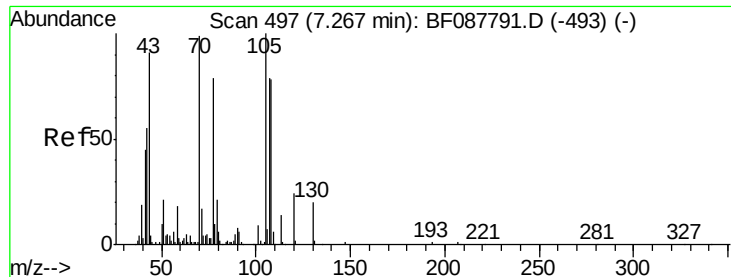
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#18
Hexachloroethane
Concen: 20.90 ng m
RT: 7.04 min Scan# 477
Delta R.T. -0.02 min
Lab File: BF088450.D
Acq: 27 Jun 2016 12:22

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	35348		
119	96.5	77.4	116.2	
201	77.1	80.4	120.6	





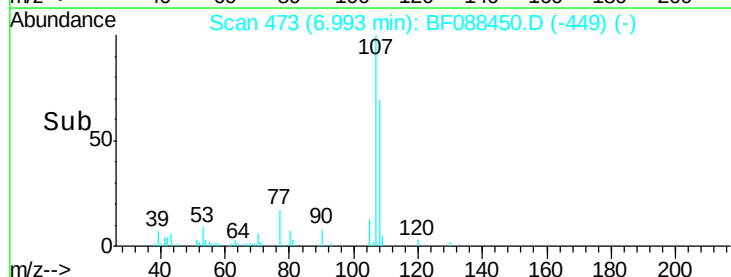
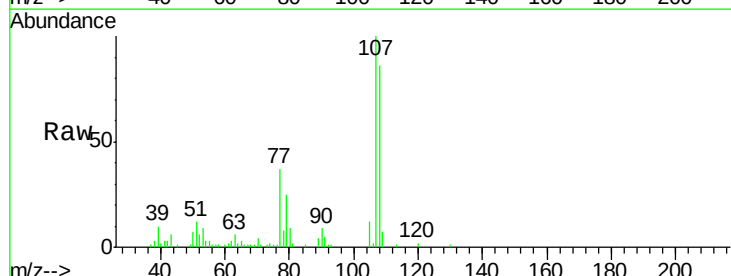
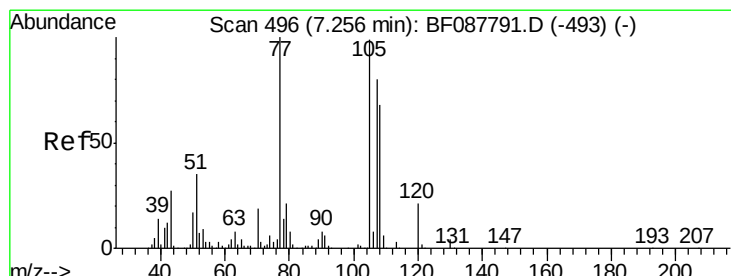
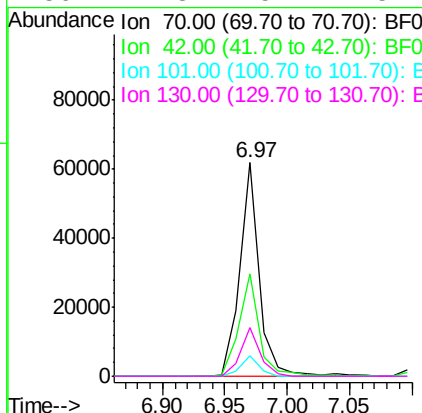
#19
n-Nitroso-di-n-propylamine
Concen: 23.59 ng m
RT: 6.97 min Scan# 471
Delta R.T. -0.02 min
Lab File: BF088450.D
Acq: 27 Jun 2016 12:22

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

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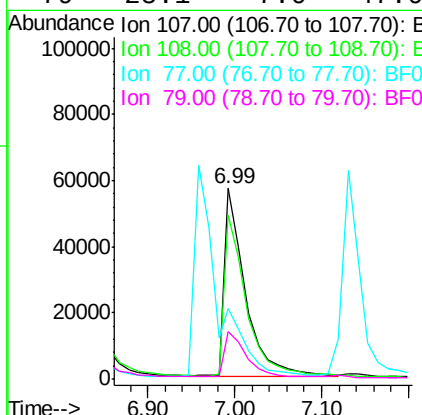
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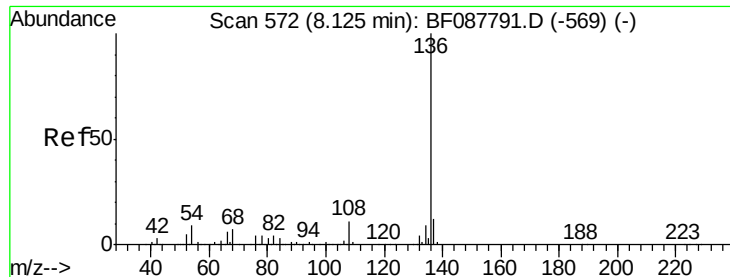
Tgt Ion	Ratio	Lower	Upper
70	100		
42	47.9	49.6	74.4#
101	9.6	7.1	10.7
130	22.8	15.4	23.2



#20
3+4-Methylphenols
Concen: 23.01 ng
RT: 6.99 min Scan# 473
Delta R.T. -0.02 min
Lab File: BF088450.D
Acq: 27 Jun 2016 12:22

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.9	67.8	107.8
77	37.1	59.3	99.3#
79	25.1	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: BF088450.D

Acq: 27 Jun 2016 12:22

Instrument :

BNA_F

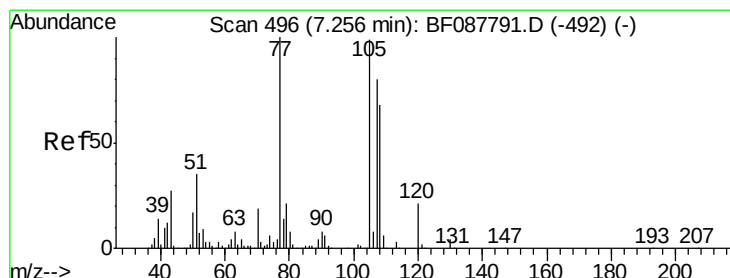
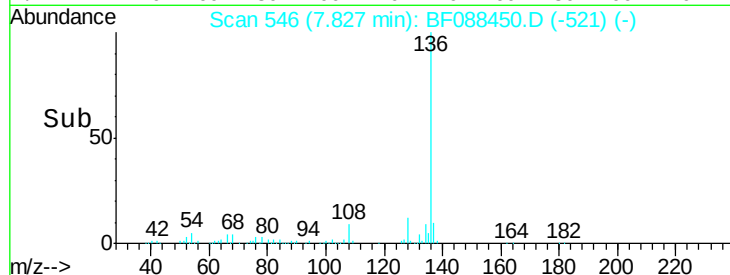
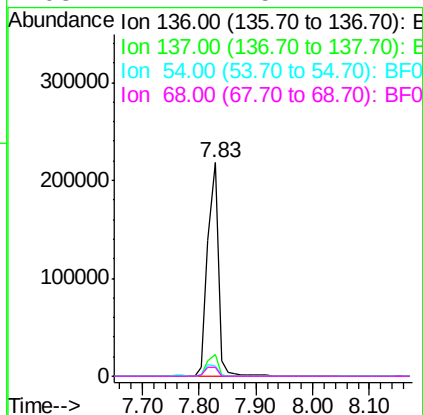
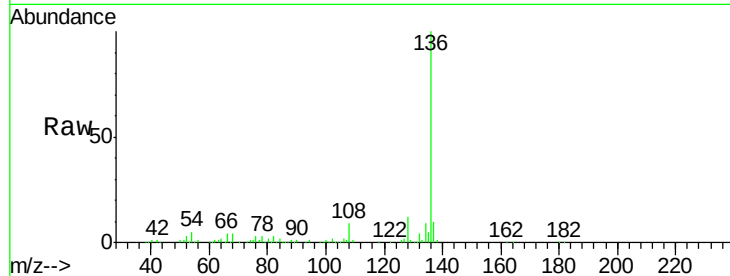
ClientSampleId :

HSR-WC-55-062216MSD

Tgt Ion:	136	Resp:	272771
Ion Ratio	Lower	Upper	
136	100		
137	10.4	9.1	13.7
54	5.0	6.6	10.0#
68	4.4	5.1	7.7#

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#22

Acetophenone

Concen: 23.11 ng

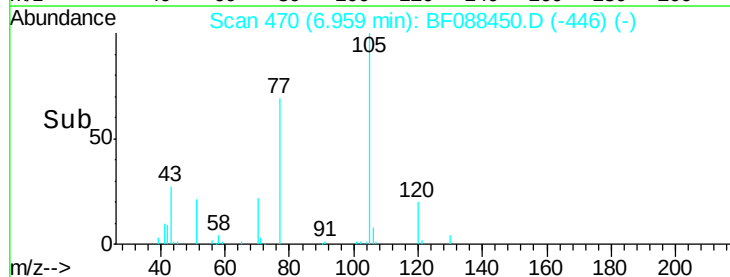
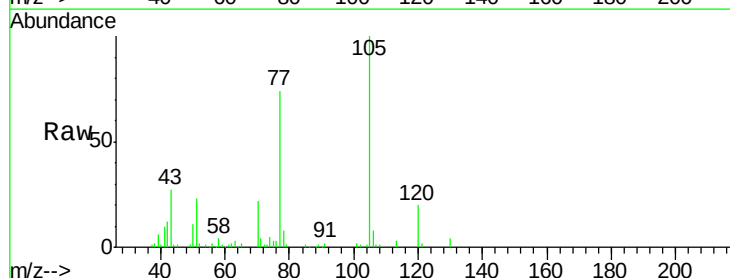
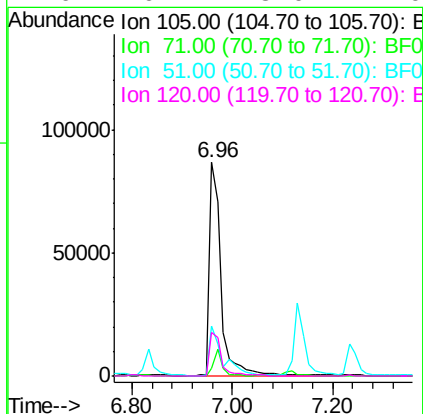
RT: 6.96 min Scan# 470

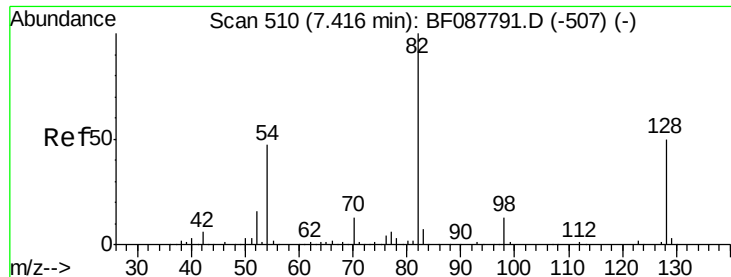
Delta R.T. -0.02 min

Lab File: BF088450.D

Acq: 27 Jun 2016 12:22

Tgt Ion:	105	Resp:	140846
Ion Ratio	Lower	Upper	
105	100		
71	3.9	5.3	7.9#
51	23.2	18.2	27.4
120	20.4	18.0	27.0





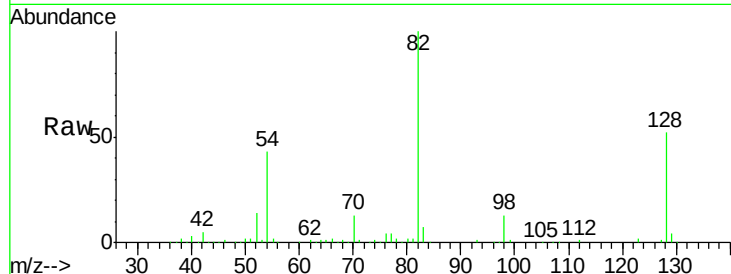
#23
Nitrobenzene-d5
Concen: 82.01 ng
RT: 7.12 min Scan# 484
Delta R.T. -0.02 min
Lab File: BF088450.D
Acq: 27 Jun 2016 12:22

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

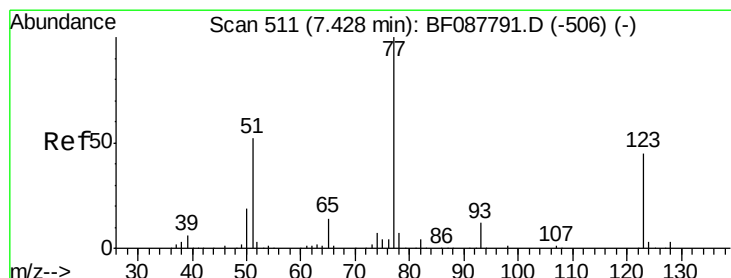
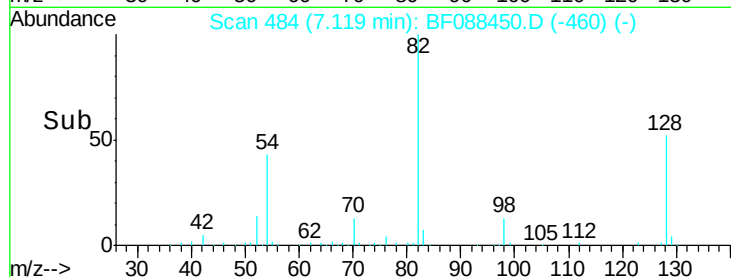
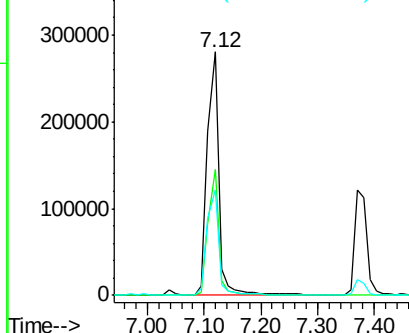
Tgt Ion	Ratio	Resp	Lower	Upper
82	100	383090		
128	51.7	35.9	53.9	
54	43.1	40.9	61.3	

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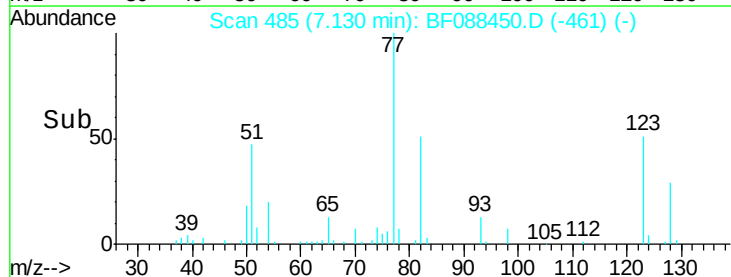
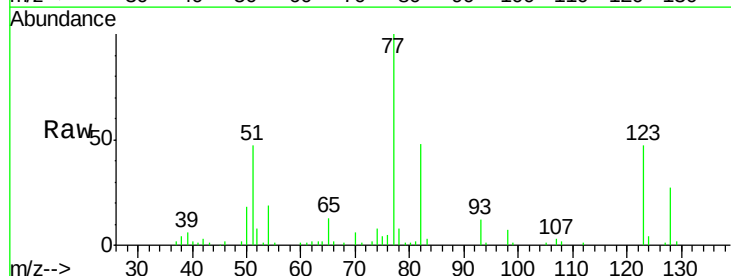
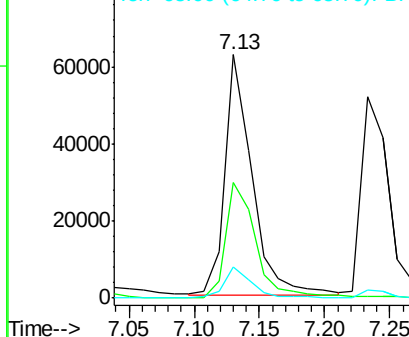
Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

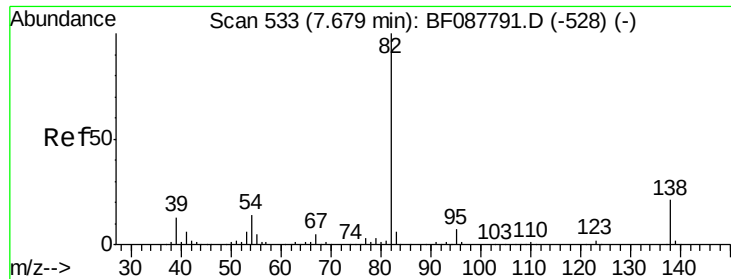


#24
Nitrobenzene
Concen: 19.99 ng
RT: 7.13 min Scan# 485
Delta R.T. -0.02 min
Lab File: BF088450.D
Acq: 27 Jun 2016 12:22

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	90440		
123	47.5	45.0	67.4	
65	12.8	10.2	15.2	

Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 20.74 ng

RT: 7.37 min Scan# 506

Delta R.T. -0.03 min

Lab File: BF088450.D

Acq: 27 Jun 2016 12:22

Instrument :

BNA_F

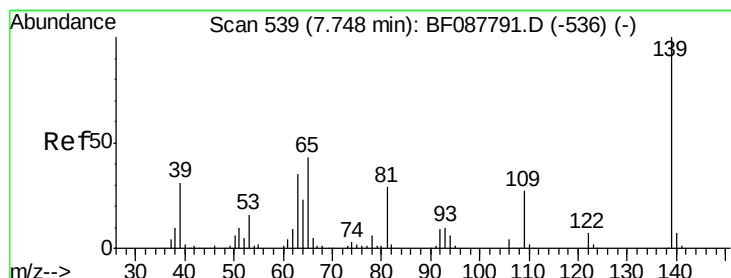
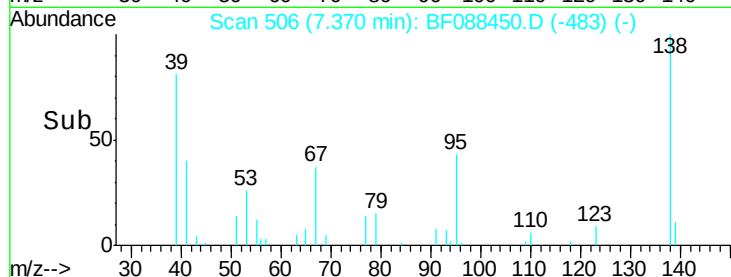
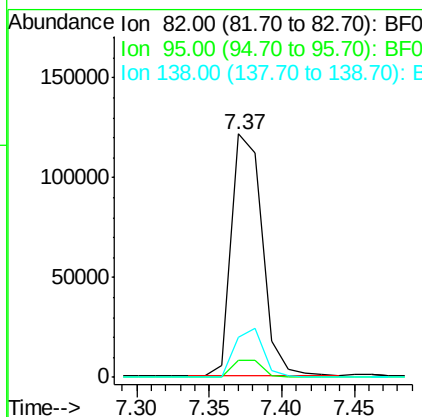
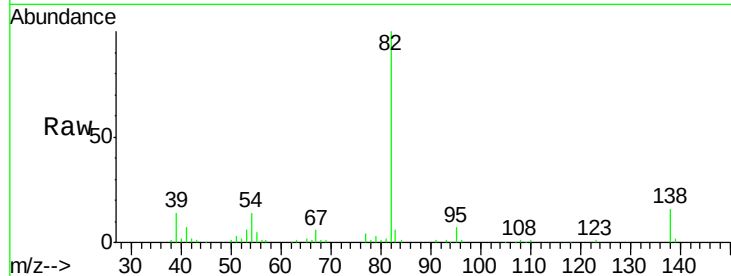
ClientSampleId :

HSR-WC-55-062216MSD

Tgt Ion:	82	Resp:	179434
Ion Ratio		Lower	Upper
82	100		
95	7.0	5.4	8.2
138	16.2	14.6	21.8

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#26

2-Nitrophenol

Concen: 22.31 ng

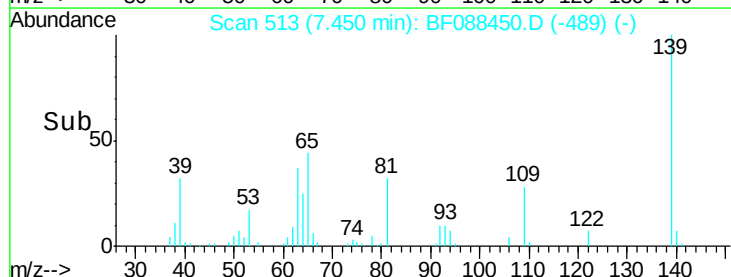
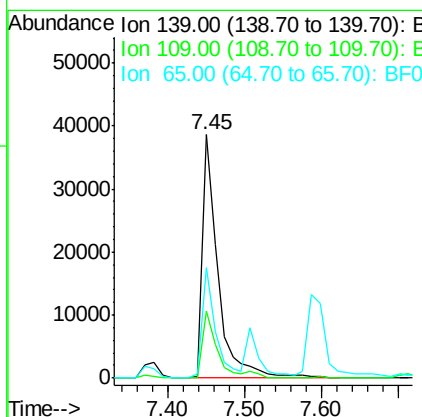
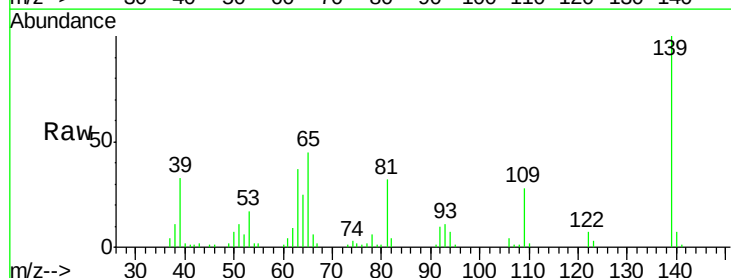
RT: 7.45 min Scan# 513

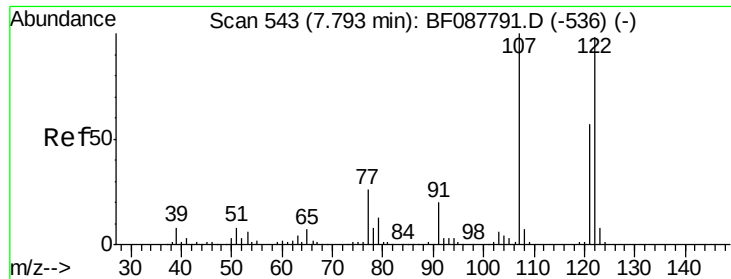
Delta R.T. -0.02 min

Lab File: BF088450.D

Acq: 27 Jun 2016 12:22

Tgt Ion:	139	Resp:	54079
Ion Ratio		Lower	Upper
139	100		
109	27.6	23.0	34.4
65	45.5	45.8	68.8#





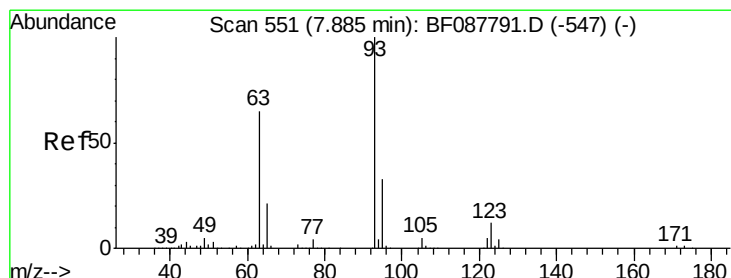
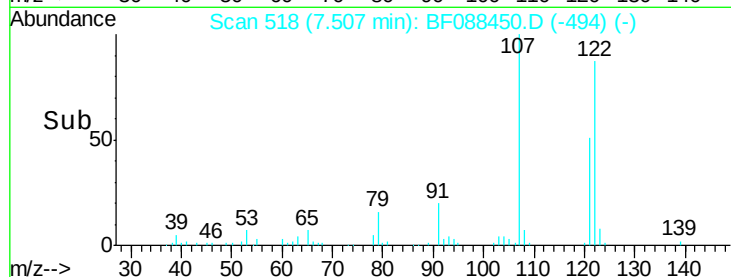
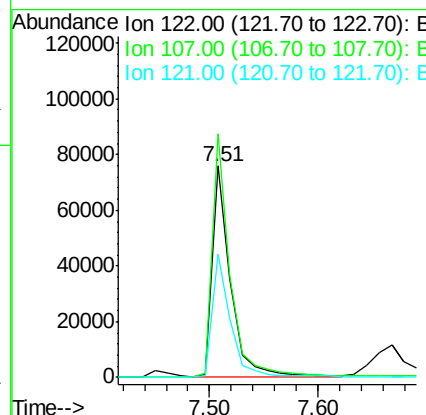
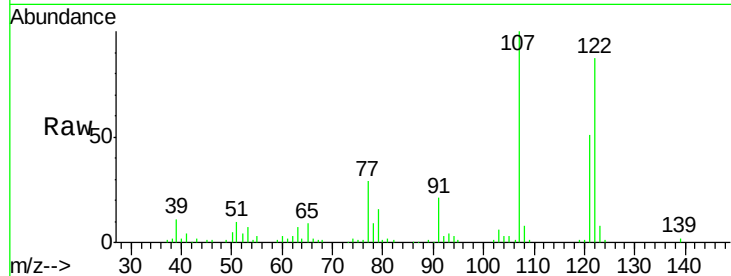
#27
 2,4-Dimethylphenol
 Concen: 20.41 ng
 RT: 7.51 min Scan# 518
 Delta R.T. -0.02 min
 Lab File: BF088450.D
 Acq: 27 Jun 2016 12:22

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

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	91086		
107	115.2	82.4	123.6	
121	58.3	46.3	69.5	

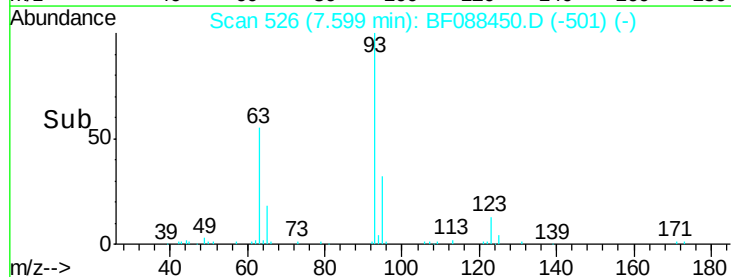
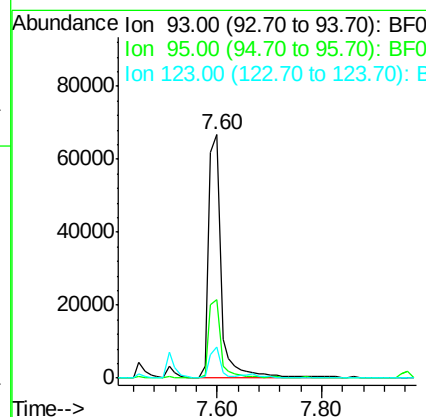
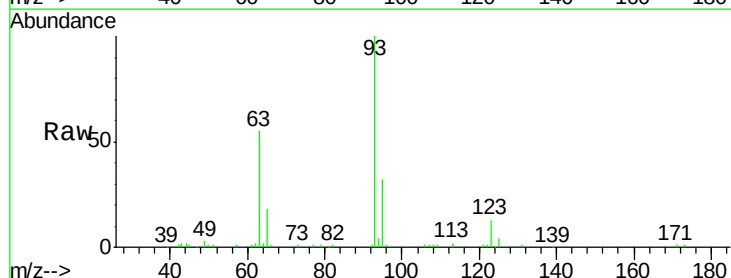
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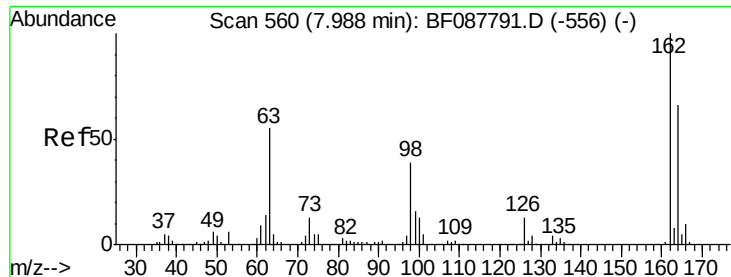
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#28
 bis(2-Chloroethoxy)methane
 Concen: 21.04 ng
 RT: 7.60 min Scan# 526
 Delta R.T. -0.01 min
 Lab File: BF088450.D
 Acq: 27 Jun 2016 12:22

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	112901		
95	32.3	26.5	39.7	
123	12.8	11.6	17.4	





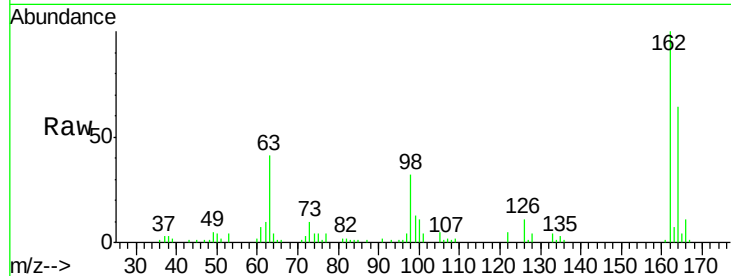
#29
2,4-Dichlorophenol
Concen: 22.00 ng
RT: 7.71 min Scan# 536
Delta R.T. -0.01 min
Lab File: BF088450.D
Acq: 27 Jun 2016 12:22

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

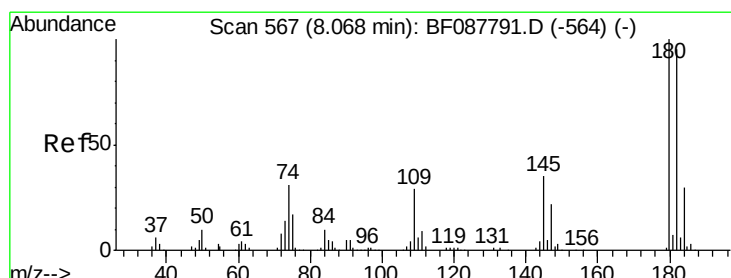
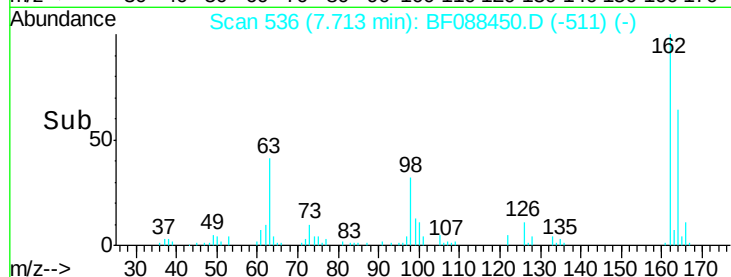
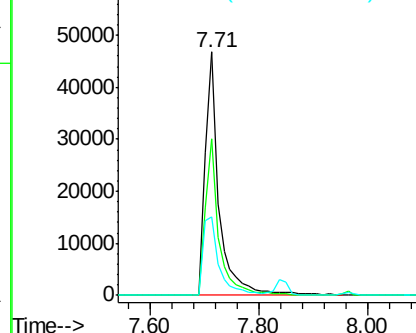
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	81970		
164	64.1	43.8	83.8	
98	32.0	21.3	61.3	

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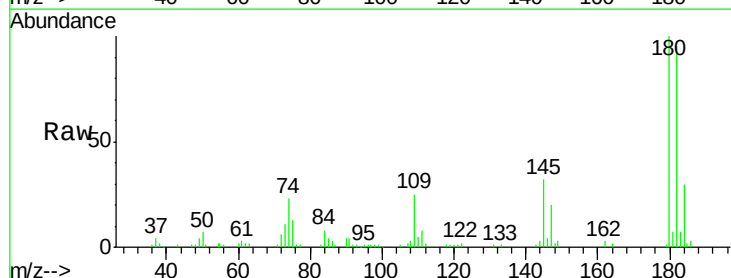


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

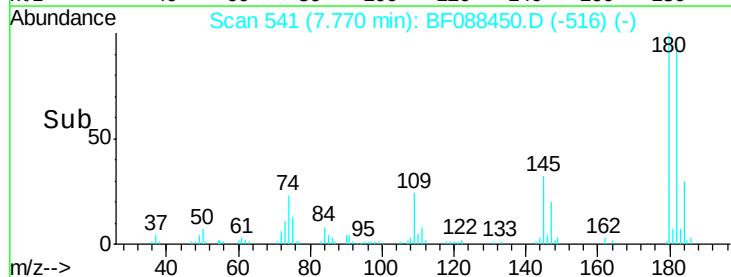
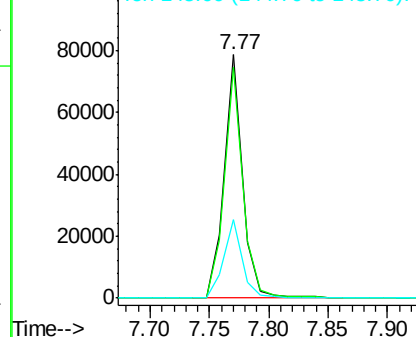


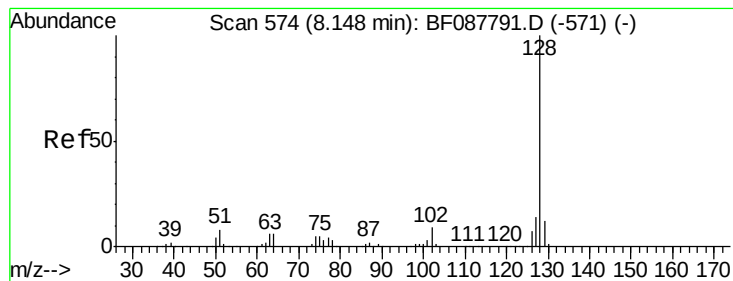
#30
1,2,4-Trichlorobenzene
Concen: 20.61 ng
RT: 7.77 min Scan# 541
Delta R.T. -0.01 min
Lab File: BF088450.D
Acq: 27 Jun 2016 12:22

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	83618		
182	95.0	76.0	114.0	
145	32.4	26.5	39.7	



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





#31

Naphthalene

Concen: 24.06 ng

RT: 7.85 min Scan# 548

Delta R.T. -0.01 min

Lab File: BF088450.D

Acq: 27 Jun 2016 12:22

Instrument :

BNA_F

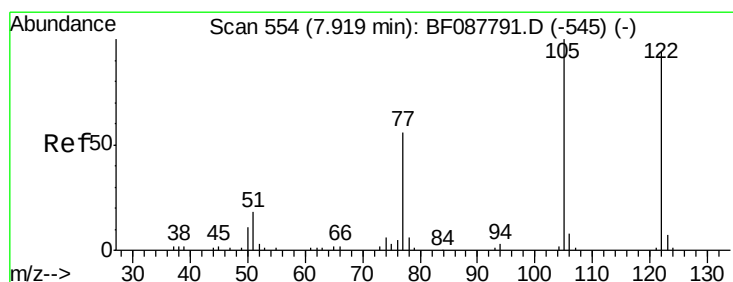
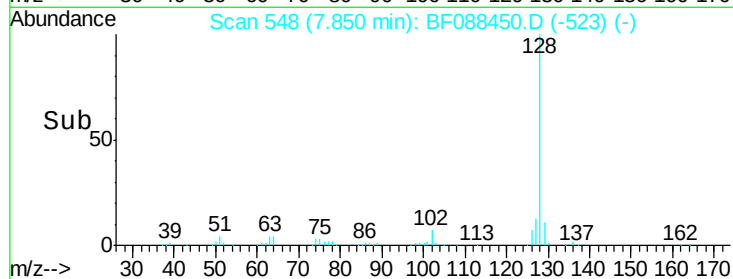
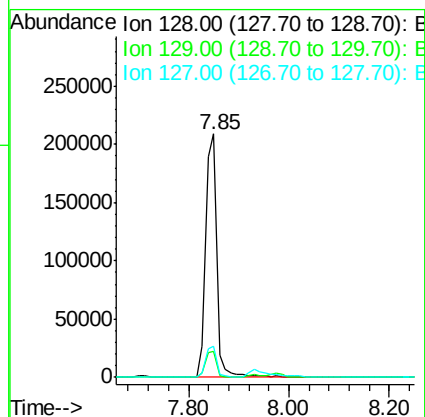
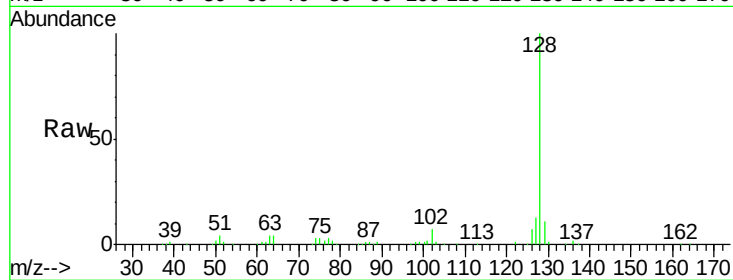
ClientSampleId :

HSR-WC-55-062216MSD

Tgt Ion:	128	Resp:	324774
Ion Ratio	Lower	Upper	
128	100		
129	10.6	9.4	14.2
127	13.0	10.9	16.3

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#32

Benzoic acid

Concen: 11.88 ng

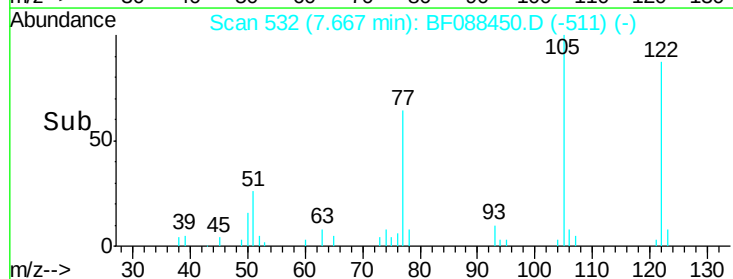
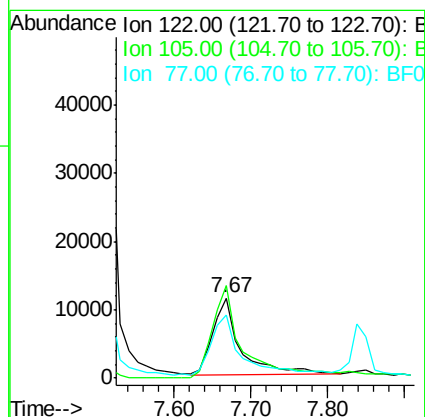
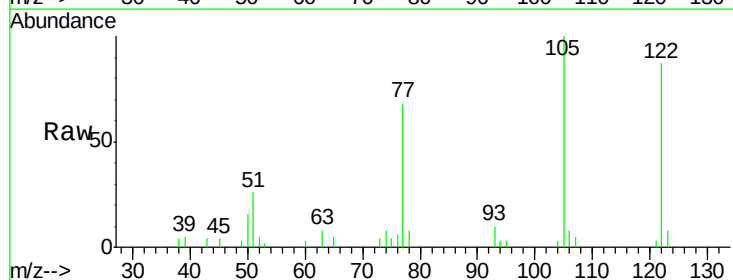
RT: 7.67 min Scan# 532

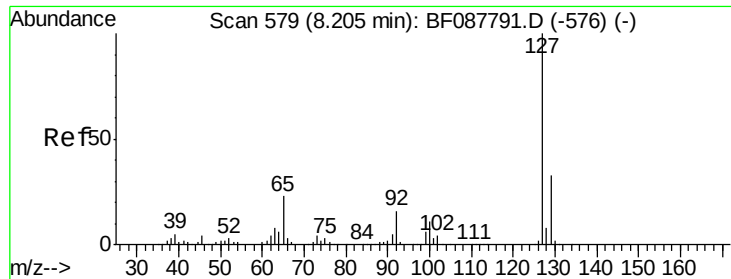
Delta R.T. -0.06 min

Lab File: BF088450.D

Acq: 27 Jun 2016 12:22

Tgt Ion:	122	Resp:	29200
Ion Ratio	Lower	Upper	
122	100		
105	115.1	101.6	141.6
77	78.3	70.6	110.6





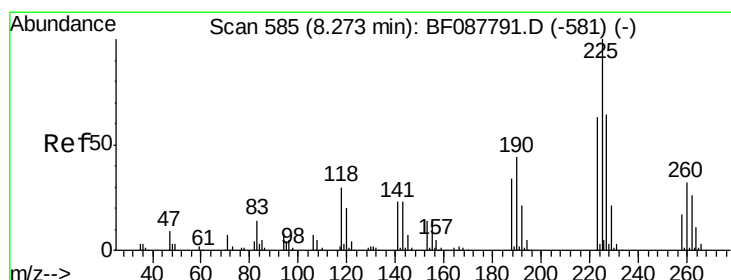
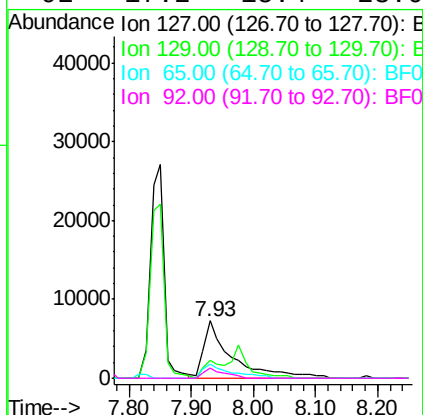
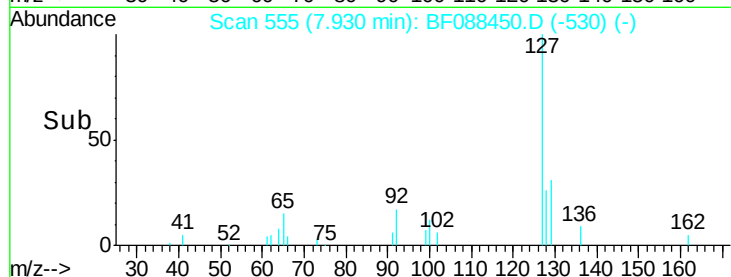
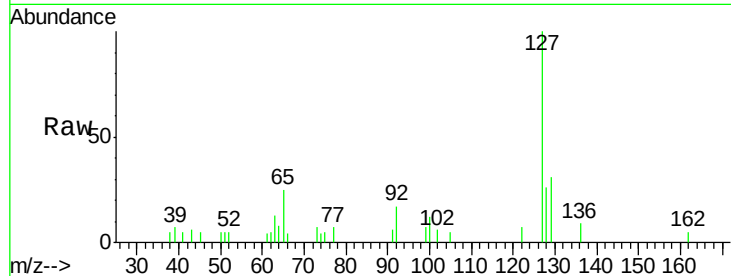
#33
4-Chloroaniline
Concen: 3.81 ng
RT: 7.93 min Scan# 555
Delta R.T. -0.01 min
Lab File: BF088450.D
Acq: 27 Jun 2016 12:22

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

Tgt Ion	Ratio	Lower	Upper
127	100		
129	30.7	26.3	39.5
65	25.2	24.7	37.1
92	17.2	15.4	23.0

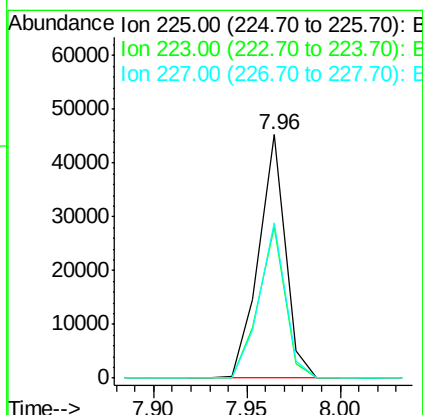
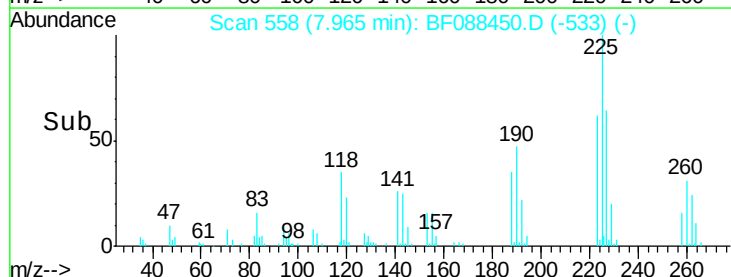
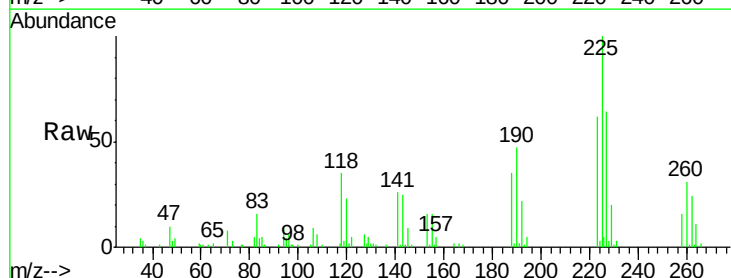
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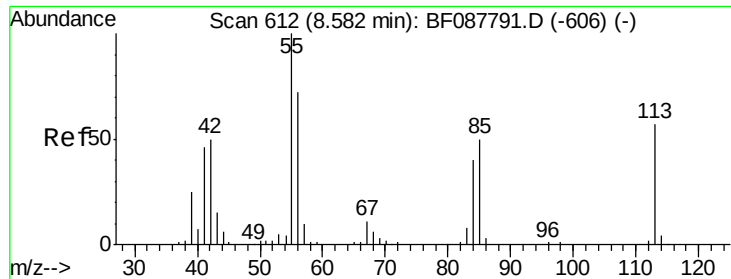
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#34
Hexachlorobutadiene
Concen: 20.97 ng
RT: 7.96 min Scan# 558
Delta R.T. -0.01 min
Lab File: BF088450.D
Acq: 27 Jun 2016 12:22

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	50.9	76.3
227	63.7	51.9	77.9





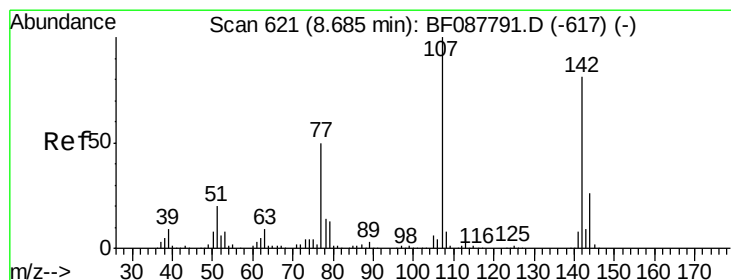
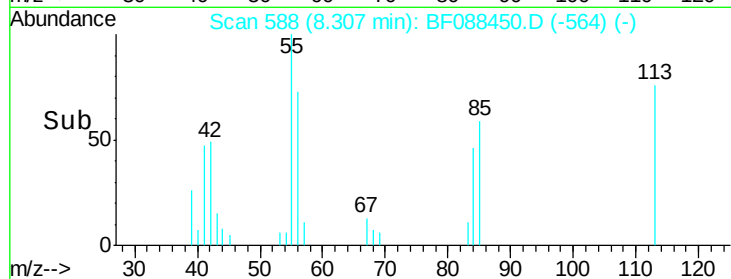
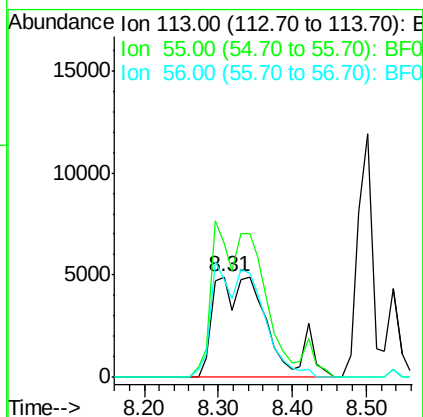
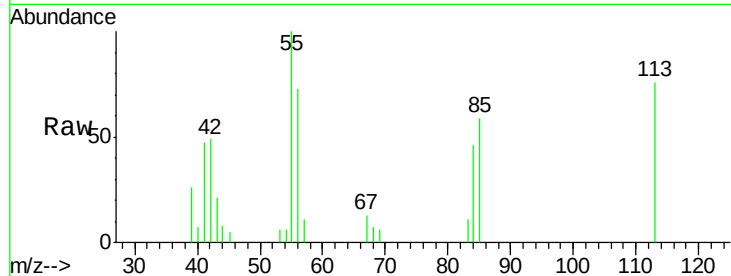
#35
 Caprolactam
 Concen: 20.57 ng m
 RT: 8.31 min Scan# 588
 Delta R.T. -0.02 min
 Lab File: BF088450.D
 Acq: 27 Jun 2016 12:22

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

Tgt Ion:113 Resp: 25386
 Ion Ratio Lower Upper
 113 100
 55 132.4 158.6 198.6#
 56 97.0 110.6 150.6#

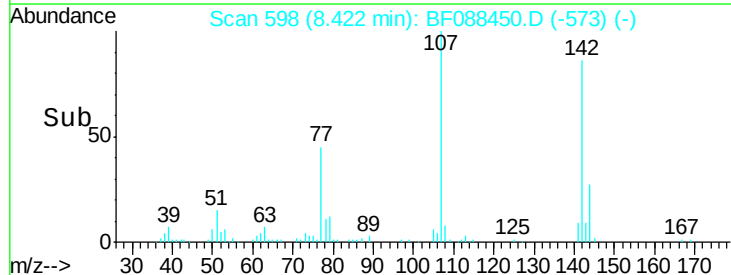
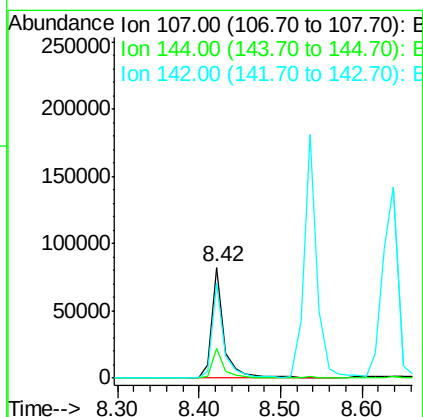
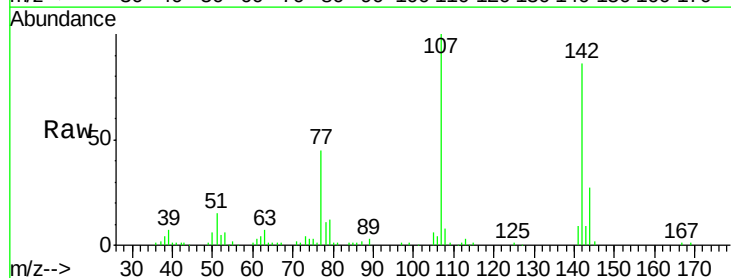
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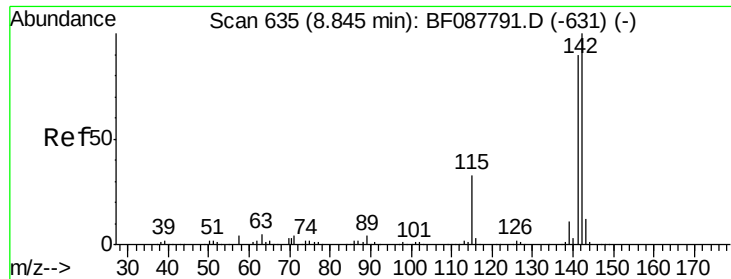
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#36
 4-Chloro-3-methylphenol
 Concen: 22.55 ng
 RT: 8.42 min Scan# 598
 Delta R.T. -0.01 min
 Lab File: BF088450.D
 Acq: 27 Jun 2016 12:22

Tgt Ion:107 Resp: 89850
 Ion Ratio Lower Upper
 107 100
 144 27.4 20.8 31.2
 142 85.9 63.4 95.2





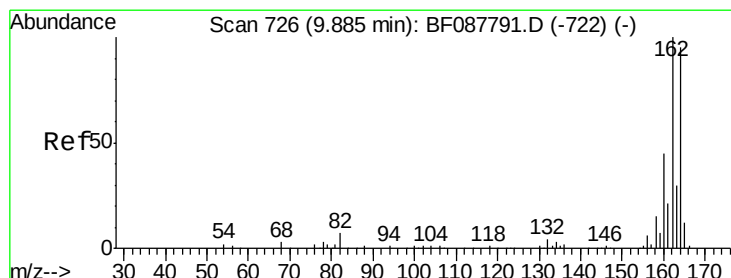
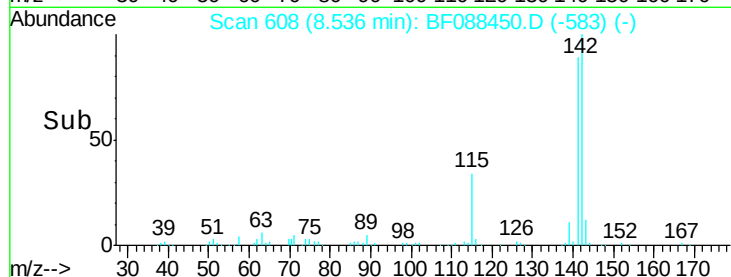
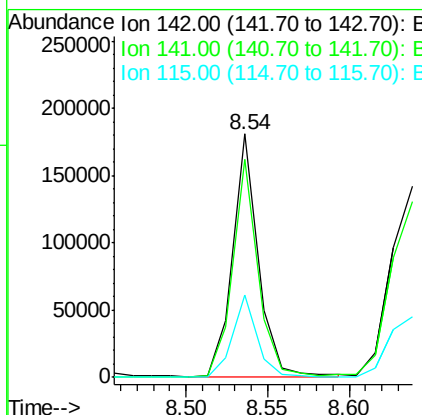
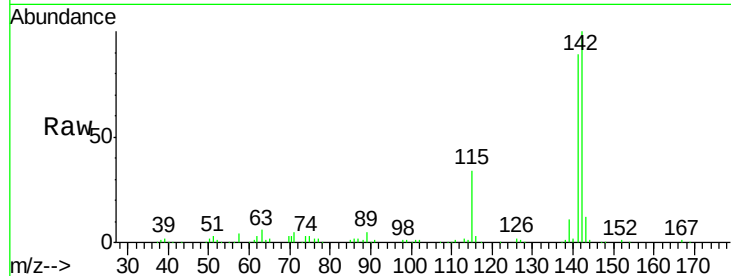
#37
2-Methylnaphthalene
Concen: 22.19 ng
RT: 8.54 min Scan# 608
Delta R.T. -0.01 min
Lab File: BF088450.D
Acq: 27 Jun 2016 12:22

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

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	197421		
141	89.3	71.0	106.6	
115	33.7	22.6	33.8	

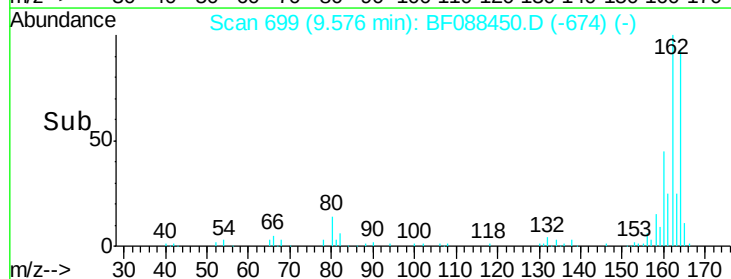
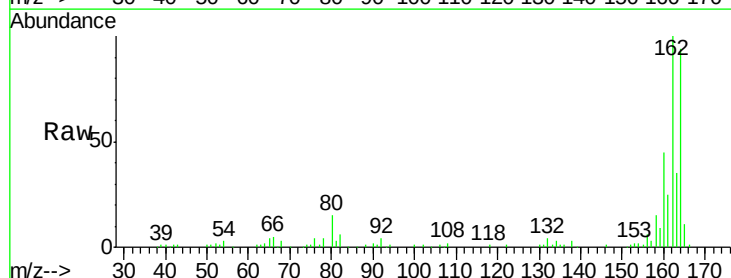
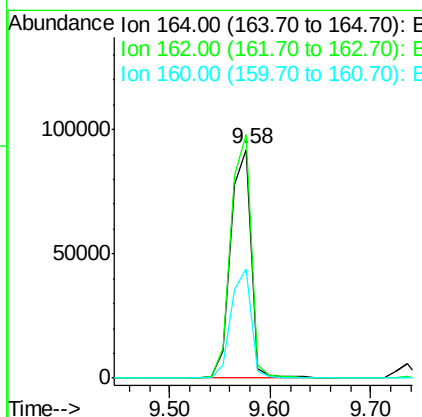
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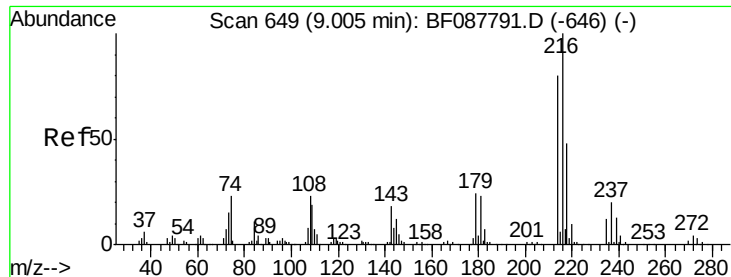
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.58 min Scan# 699
Delta R.T. -0.01 min
Lab File: BF088450.D
Acq: 27 Jun 2016 12:22

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	129405		
162	106.5	85.4	128.2	
160	47.8	39.5	59.3	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 21.20 ng

RT: 8.71 min Scan# 623

Delta R.T. -0.01 min

Lab File: BF088450.D

Acq: 27 Jun 2016 12:22

Instrument :

BNA_F

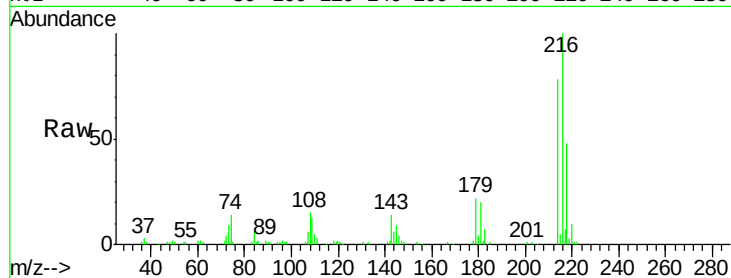
ClientSampleId :

HSR-WC-55-062216MSD

Tgt Ion:	216	Resp:	84983
Ion Ratio	Lower	Upper	
216	100		
214	79.3	2.9	4.3#
179	21.7	0.0	0.0#
108	20.9	0.5	0.7#

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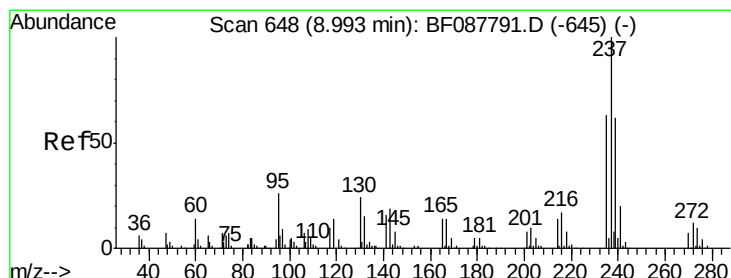
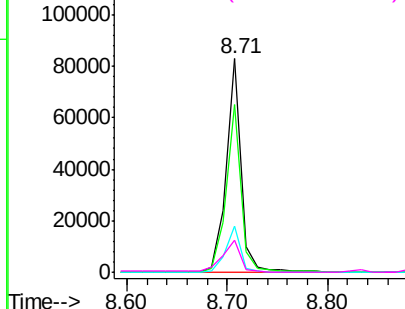
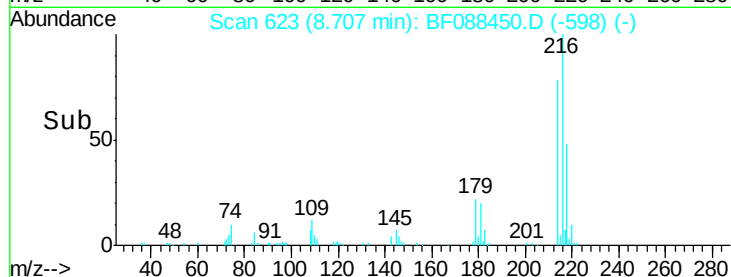


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 10.74 ng

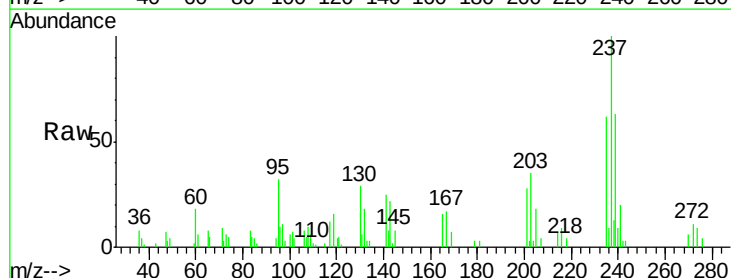
RT: 8.68 min Scan# 621

Delta R.T. -0.02 min

Lab File: BF088450.D

Acq: 27 Jun 2016 12:22

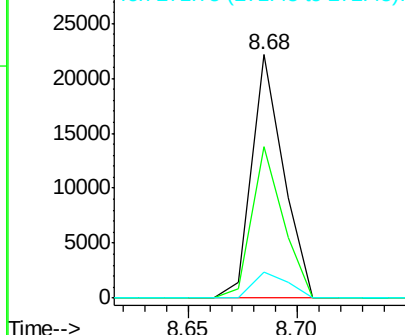
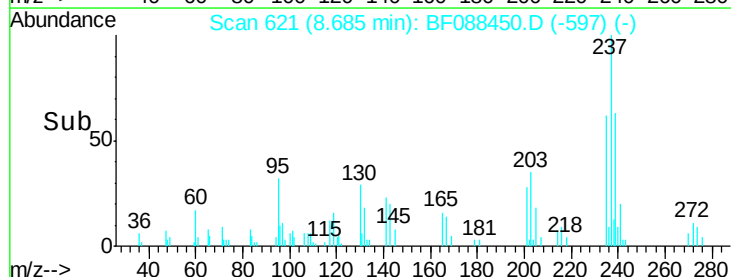
Tgt Ion:	237	Resp:	22408
Ion Ratio	Lower	Upper	
237	100		
235	62.0	43.4	83.4
272	10.6	0.0	32.3

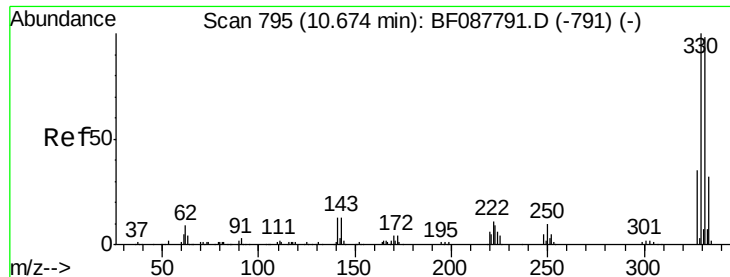


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





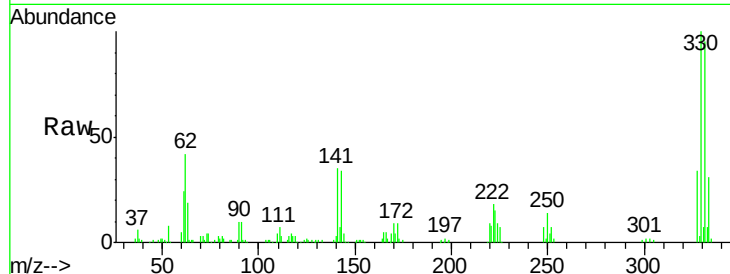
#41
 2,4,6-Tribromophenol
 Concen: 116.21 ng
 RT: 10.36 min Scan# 768
 Delta R.T. -0.01 min
 Lab File: BF088450.D
 Acq: 27 Jun 2016 12:22

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

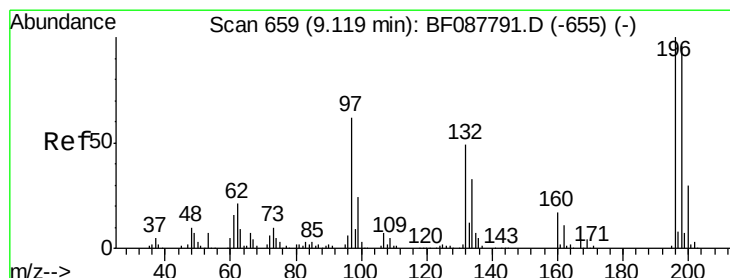
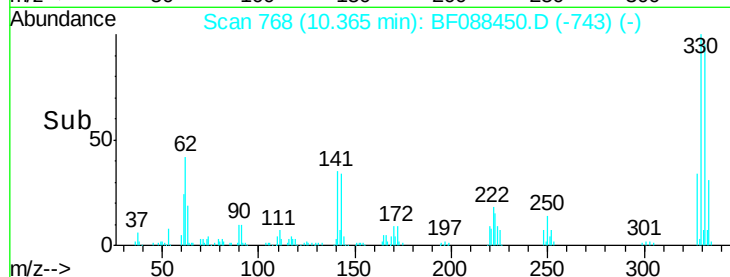
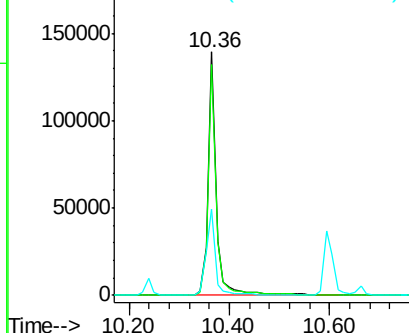
Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	95.5	0.0	0.0#
141	40.5	0.0	0.0#

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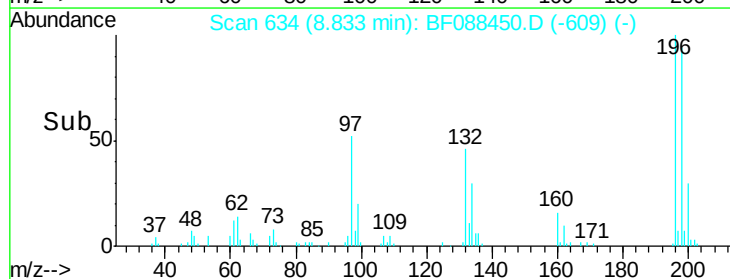
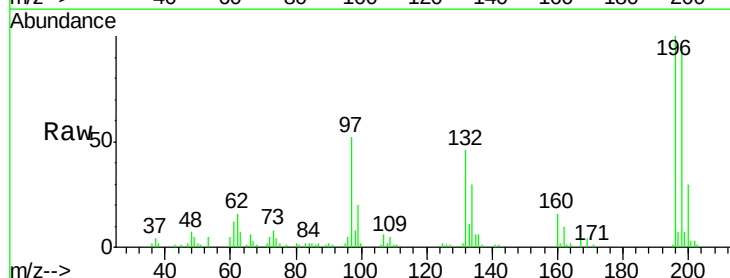
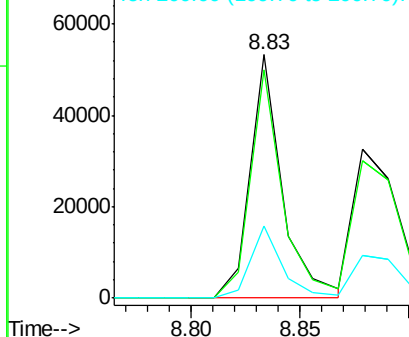
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

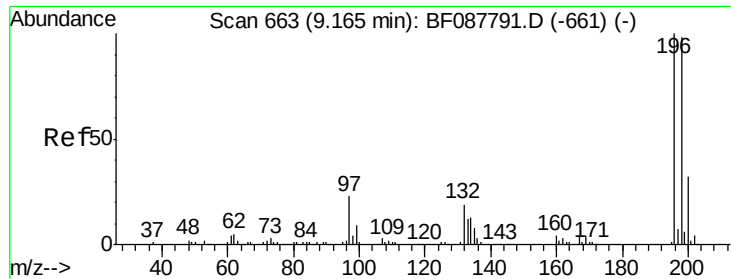


#42
 2,4,6-Trichlorophenol
 Concen: 21.11 ng
 RT: 8.83 min Scan# 634
 Delta R.T. -0.01 min
 Lab File: BF088450.D
 Acq: 27 Jun 2016 12:22

Tgt Ion	Ratio	Resp Lower	Resp Upper
196	100		
198	93.9	78.0	117.0
200	29.7	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





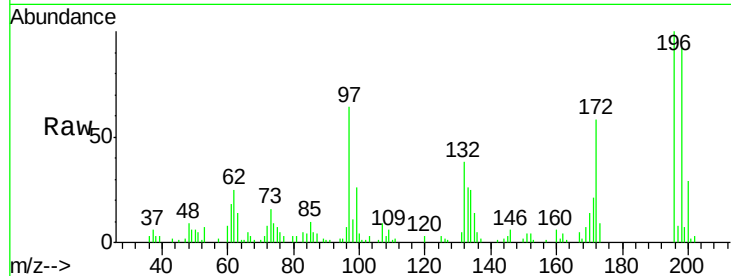
#43
 2,4,5-Trichlorophenol
 Concen: 19.63 ng
 RT: 8.88 min Scan# 638
 Delta R.T. -0.02 min
 Lab File: BF088450.D
 Acq: 27 Jun 2016 12:22

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

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	52839		
198	92.2	77.5	116.3	
97	63.5	32.0	48.0	
132	37.6	20.9	31.3	

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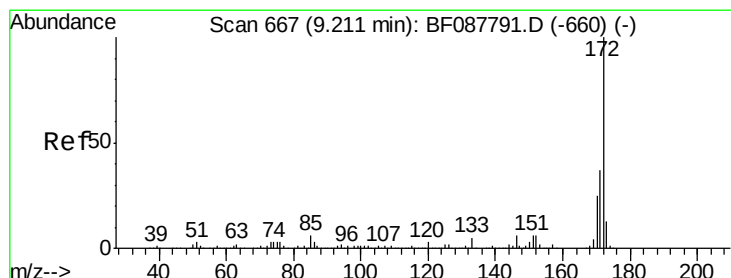
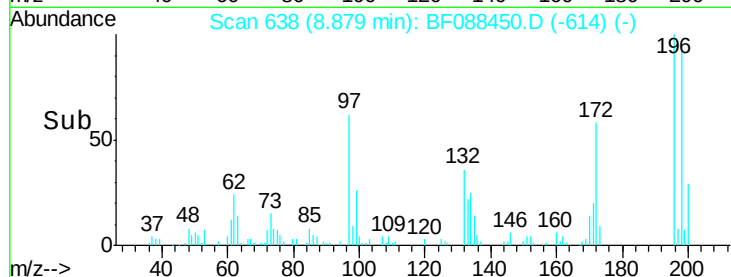
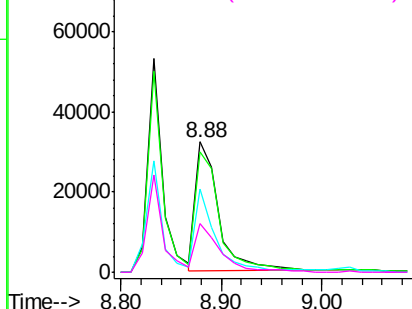
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 88.76 ng
 RT: 8.90 min Scan# 640
 Delta R.T. -0.02 min
 Lab File: BF088450.D
 Acq: 27 Jun 2016 12:22

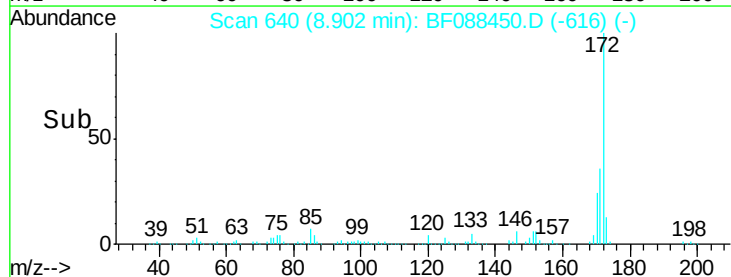
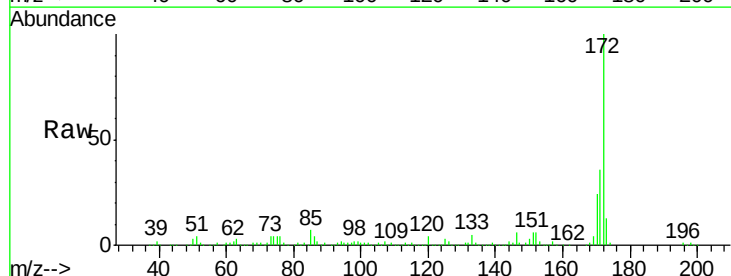
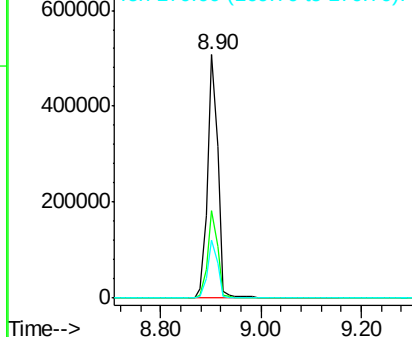
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	729117		
171	36.0	28.6	43.0	
170	23.7	19.2	28.8	

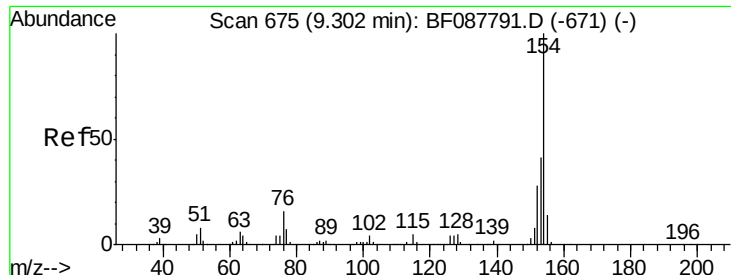
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





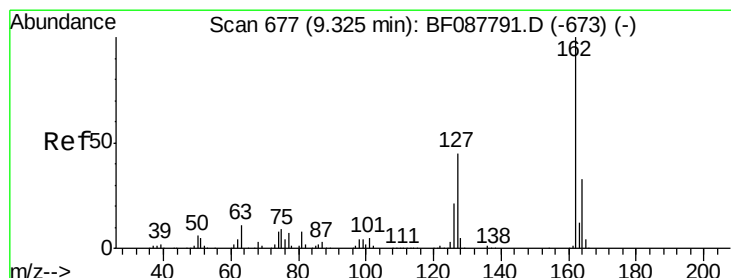
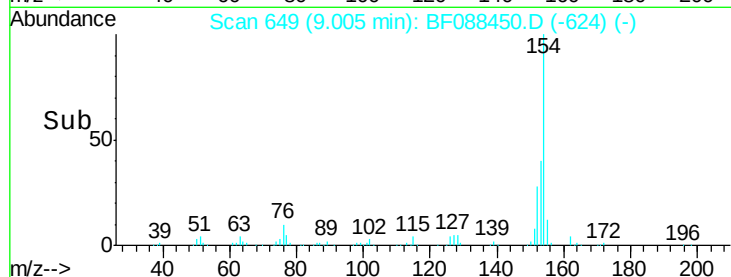
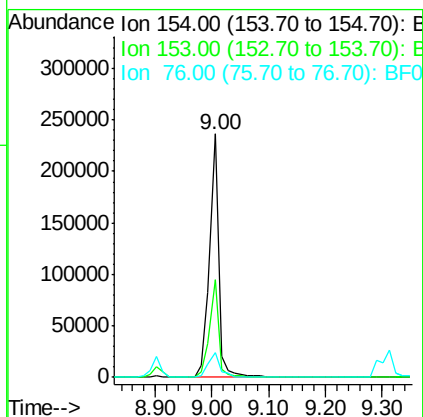
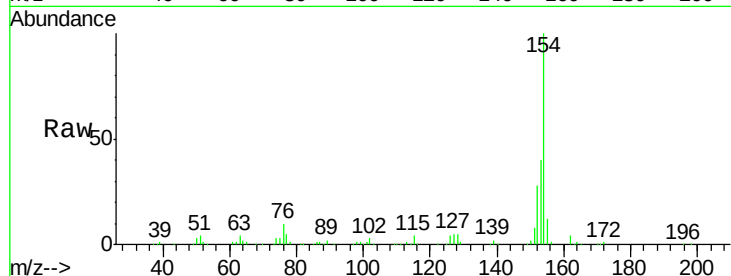
#45
 1,1'-Biphenyl
 Concen: 23.37 ng
 RT: 9.00 min Scan# 649
 Delta R.T. -0.01 min
 Lab File: BF088450.D
 Acq: 27 Jun 2016 12:22

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

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.3	20.6	60.6
76	10.1	0.0	35.1

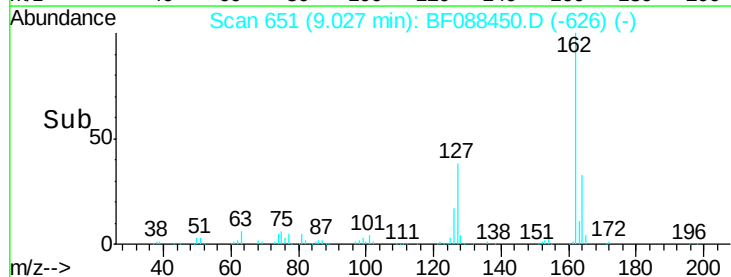
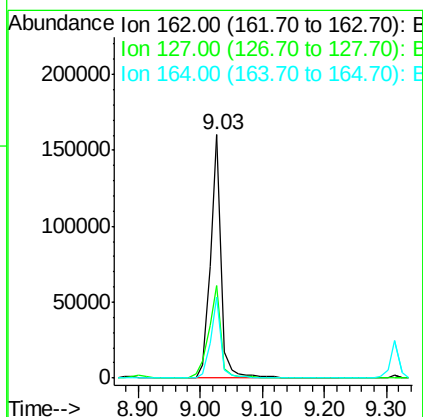
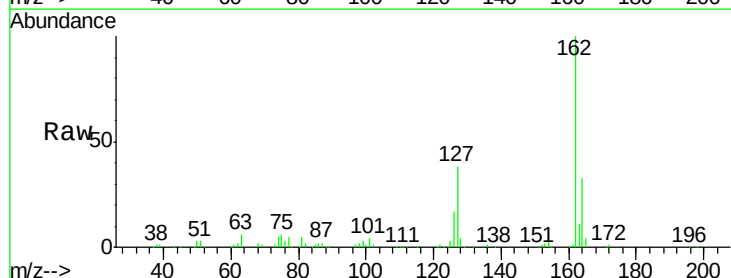
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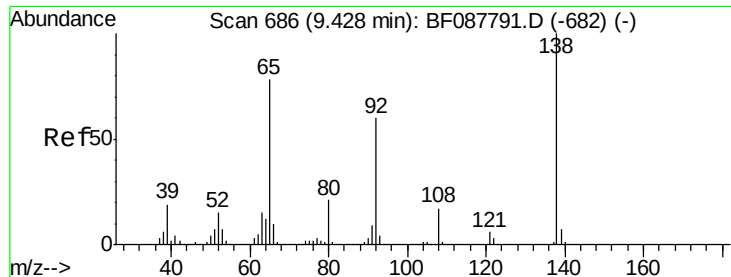
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#46
 2-Chloronaphthalene
 Concen: 22.83 ng
 RT: 9.03 min Scan# 651
 Delta R.T. -0.01 min
 Lab File: BF088450.D
 Acq: 27 Jun 2016 12:22

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.9	35.2	52.8
164	33.1	26.6	39.8





#47

2-Nitroaniline

Concen: 21.19 ng

RT: 9.14 min Scan# 661

Delta R.T. -0.01 min

Lab File: BF088450.D

Acq: 27 Jun 2016 12:22

Instrument :

BNA_F

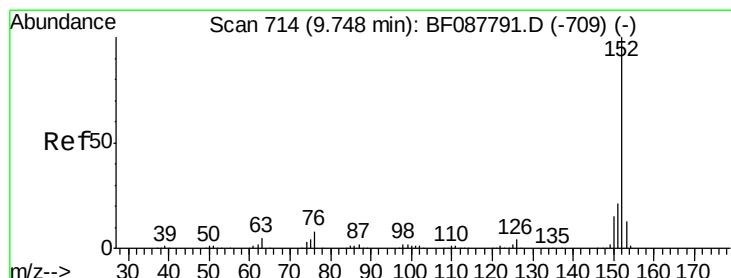
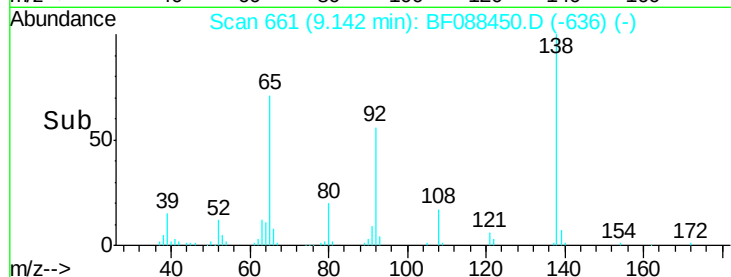
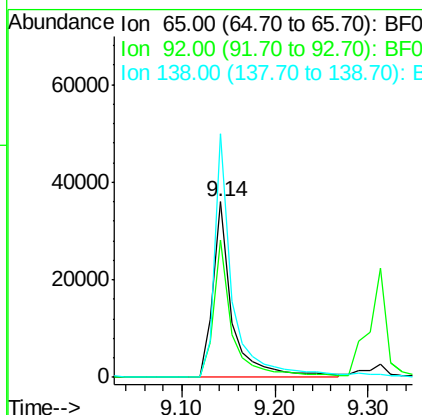
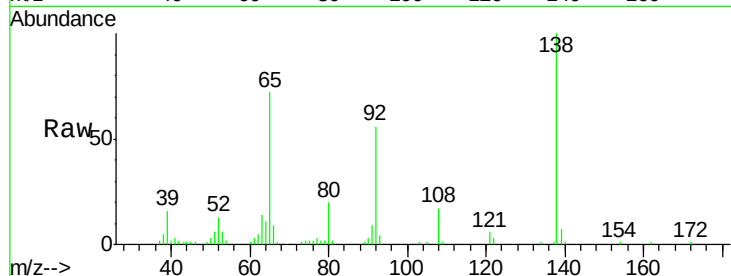
ClientSampleId :

HSR-WC-55-062216MSD

Tgt Ion	Ratio	Lower	Upper
65	100		
92	78.3	54.6	82.0
138	138.7	77.0	115.4

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#48

Acenaphthylene

Concen: 22.17 ng

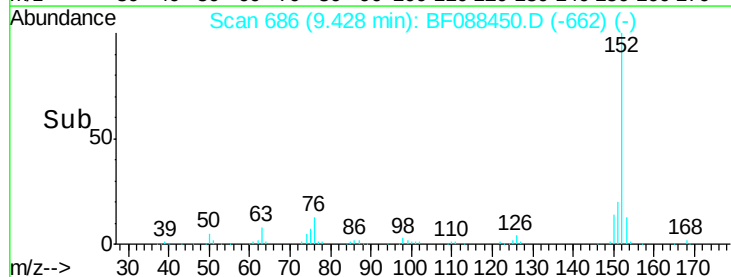
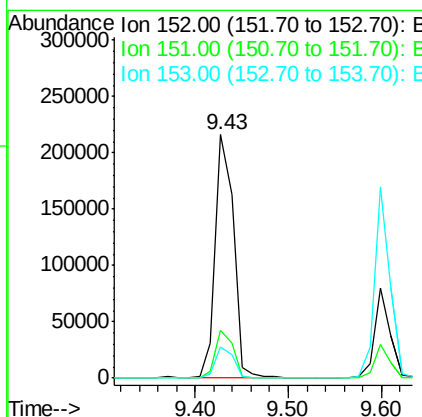
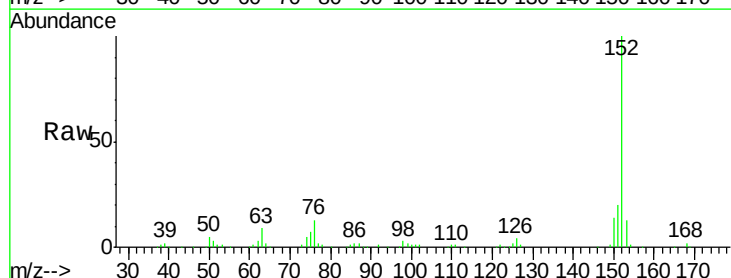
RT: 9.43 min Scan# 686

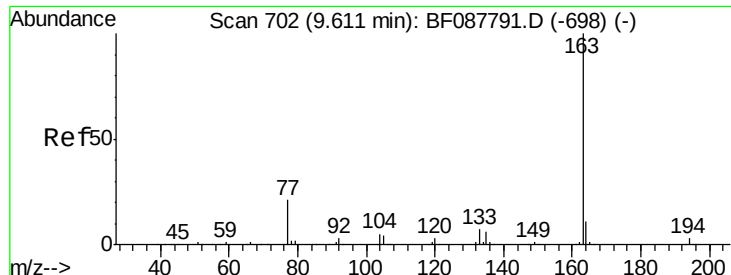
Delta R.T. -0.02 min

Lab File: BF088450.D

Acq: 27 Jun 2016 12:22

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.2	24.4
153	12.9	11.0	16.6





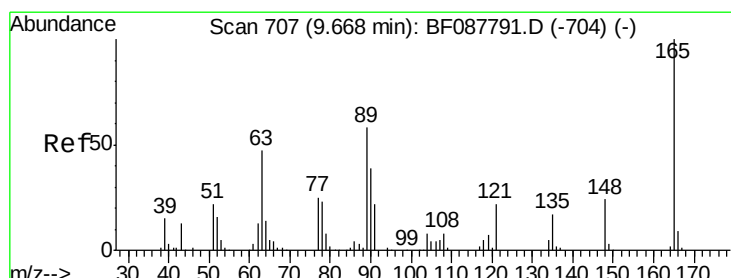
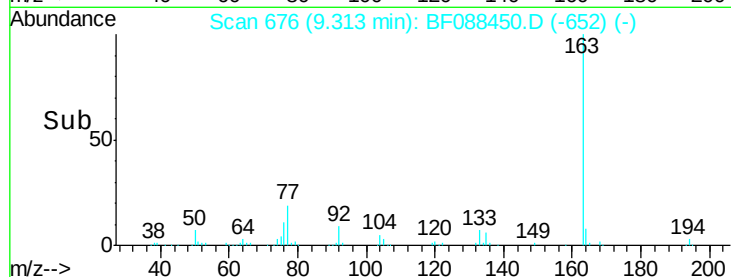
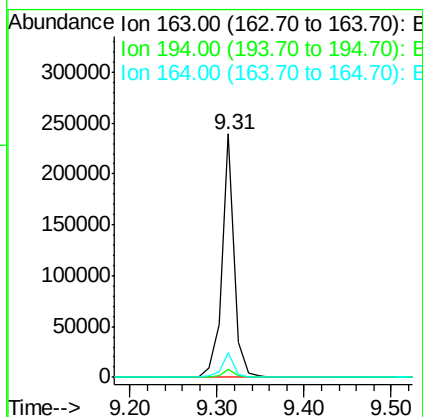
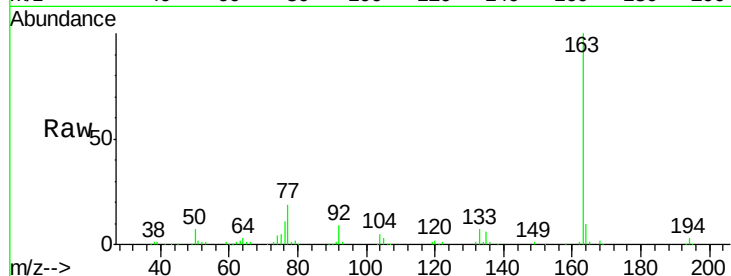
#49
Dimethylphthalate
Concen: 25.18 ng
RT: 9.31 min Scan# 676
Delta R.T. -0.02 min
Lab File: BF088450.D
Acq: 27 Jun 2016 12:22

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

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	236059		
194	3.2		2.8	4.2
164	10.2		8.3	12.5

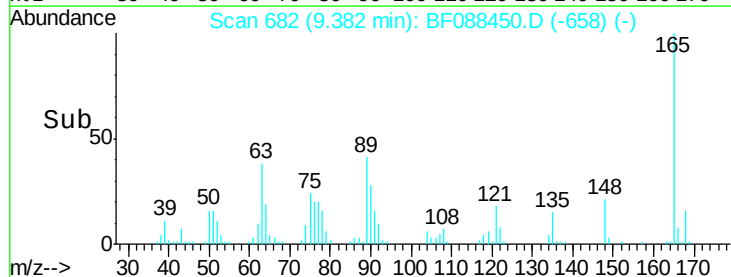
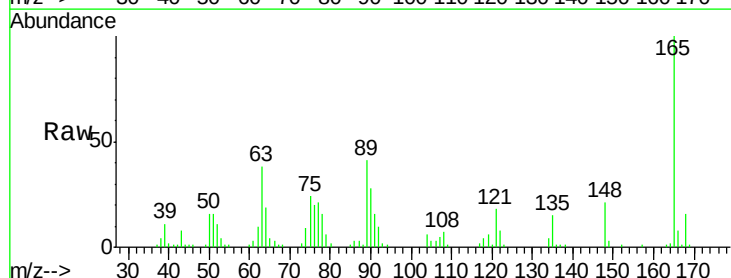
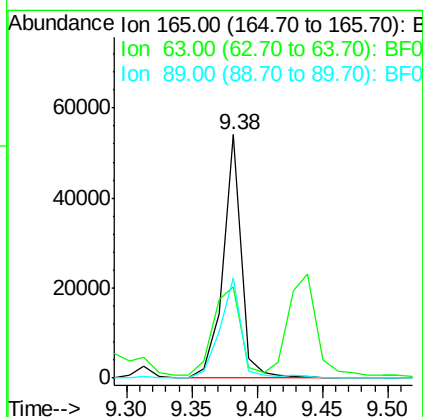
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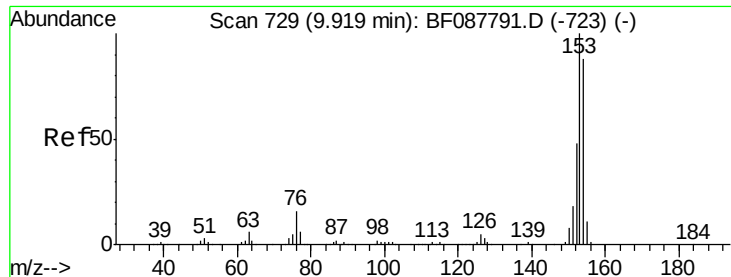
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#50
2,6-Dinitrotoluene
Concen: 24.79 ng
RT: 9.38 min Scan# 682
Delta R.T. -0.02 min
Lab File: BF088450.D
Acq: 27 Jun 2016 12:22

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	53224		
63	37.8		28.1	42.1
89	41.0		32.2	48.2





#51

Acenaphthene

Concen: 20.96 ng

RT: 9.60 min Scan# 701

Delta R.T. -0.02 min

Lab File: BF088450.D

Acq: 27 Jun 2016 12:22

Instrument :

BNA_F

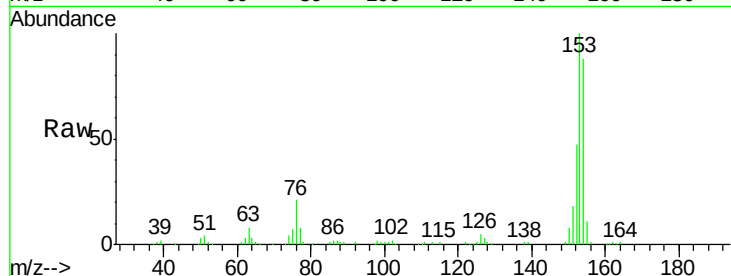
ClientSampleId :

HSR-WC-55-062216MSD

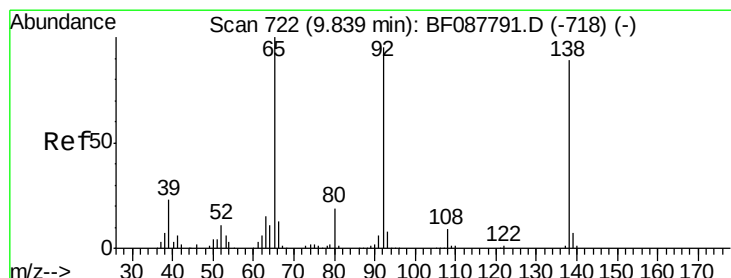
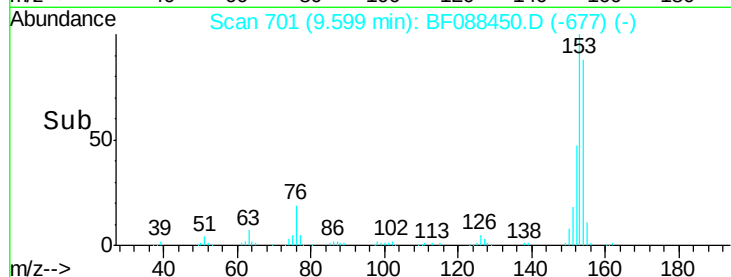
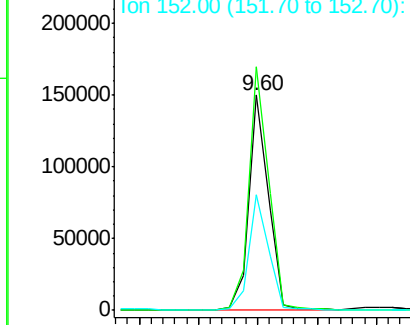
Tgt Ion:	154	Resp:	174170
Ion Ratio	Lower	Upper	
154	100		
153	113.3	89.5	134.3
152	53.7	42.7	64.1

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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: 6.19 ng

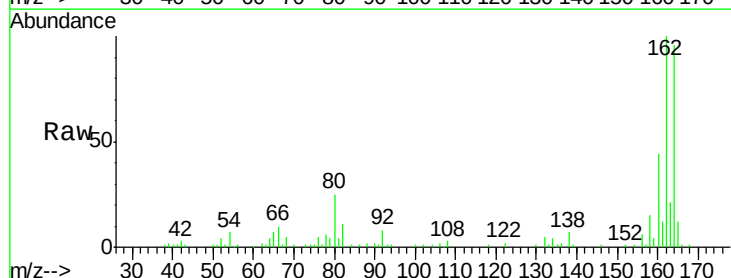
RT: 9.56 min Scan# 698

Delta R.T. -0.01 min

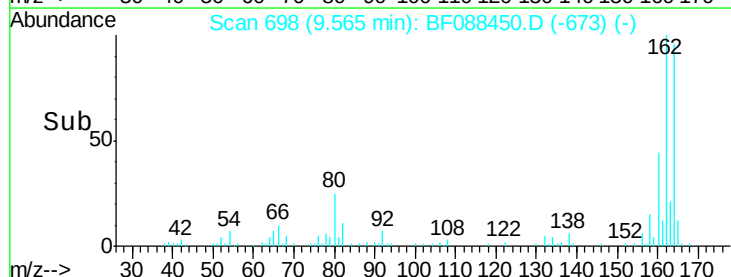
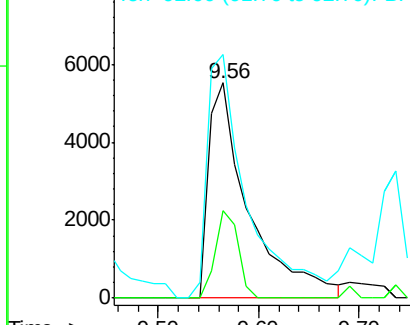
Lab File: BF088450.D

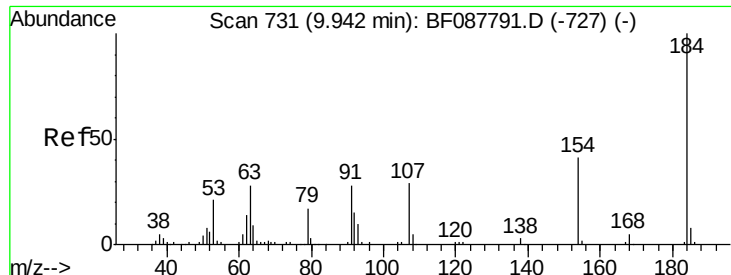
Acq: 27 Jun 2016 12:22

Tgt Ion:	138	Resp:	15345
Ion Ratio	Lower	Upper	
138	100		
108	40.7	8.5	12.7#
92	113.1	95.7	143.5



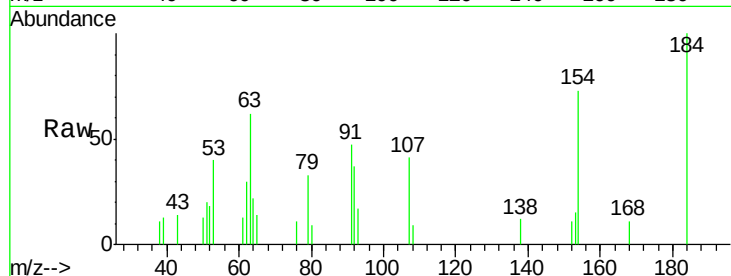
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





#53
 2,4-Dinitrophenol
 Concen: 15.83 ng
 RT: 9.69 min Scan# 709
 Delta R.T. 0.00 min
 Lab File: BF088450.D
 Acq: 27 Jun 2016 12:22

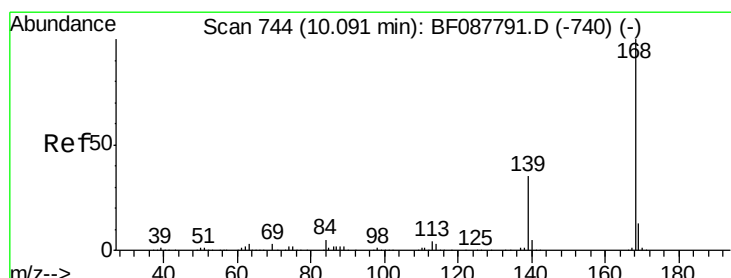
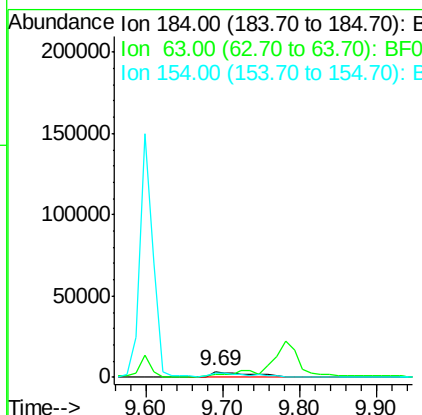
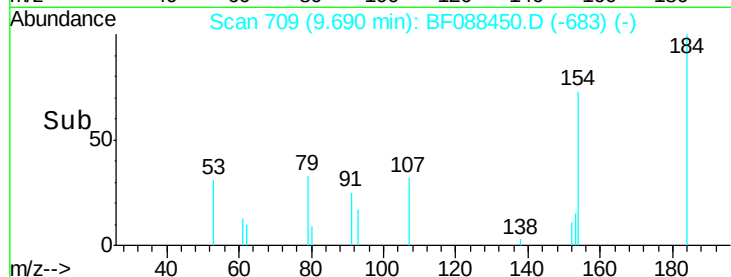
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-55-062216MSD



Tgt Ion:184 Resp: 12827
 Ion Ratio Lower Upper
 184 100
 63 61.9 57.6 86.4
 154 73.0 53.5 80.3

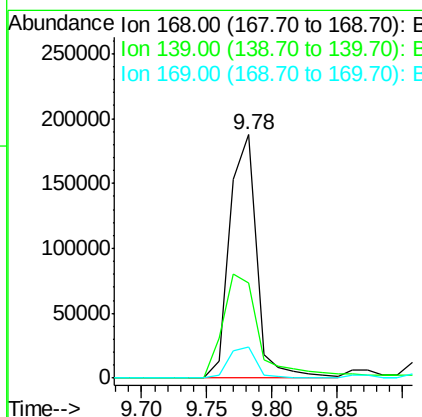
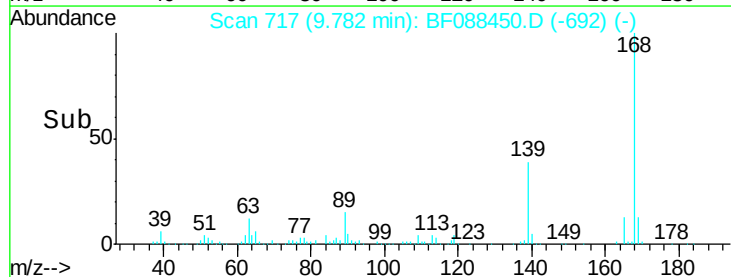
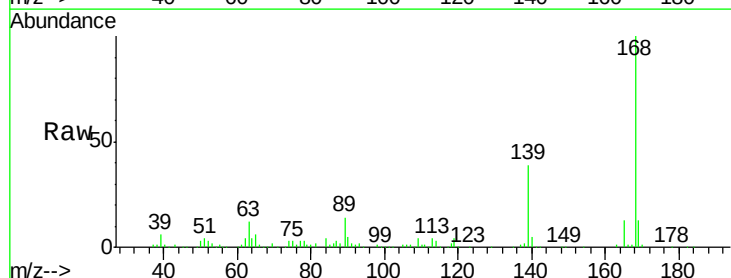
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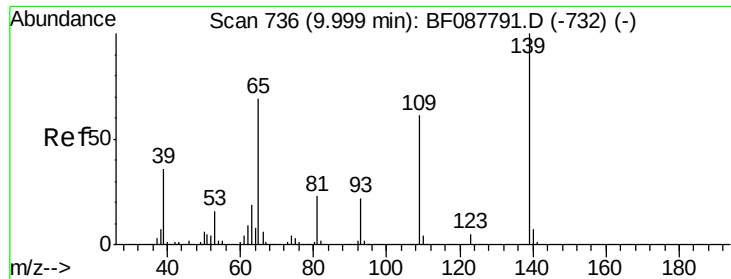
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#54
 Dibenzofuran
 Concen: 23.56 ng
 RT: 9.78 min Scan# 717
 Delta R.T. -0.01 min
 Lab File: BF088450.D
 Acq: 27 Jun 2016 12:22

Tgt Ion:168 Resp: 269650
 Ion Ratio Lower Upper
 168 100
 139 39.2 26.4 39.6
 169 13.0 10.4 15.6





#55

4-Nitrophenol

Concen: 14.83 ng m

RT: 9.79 min Scan# 718

Delta R.T. 0.01 min

Lab File: BF088450.D

Acq: 27 Jun 2016 12:22

Instrument :

BNA_F

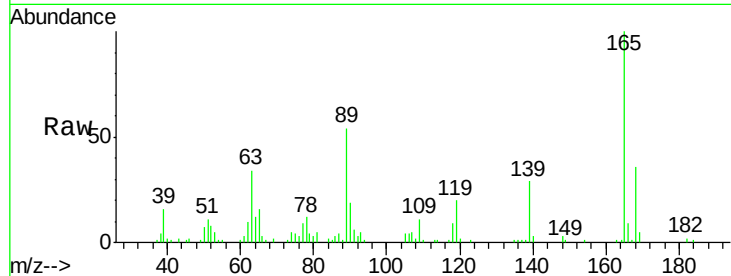
ClientSampleId :

HSR-WC-55-062216MSD

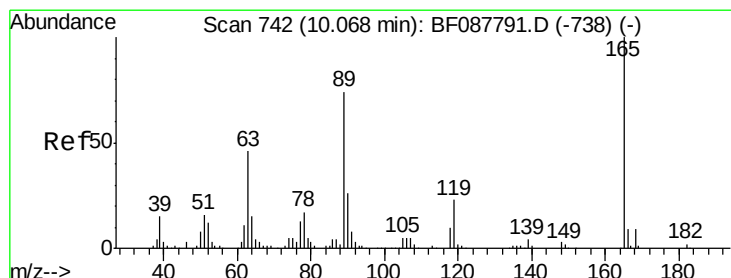
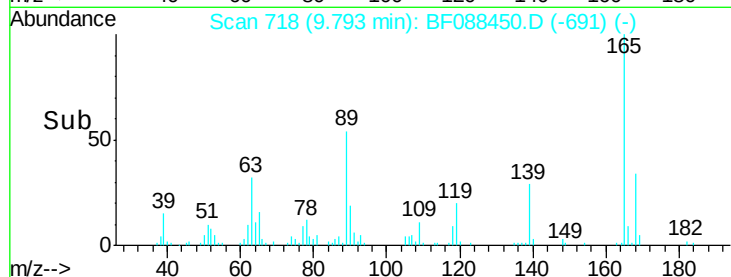
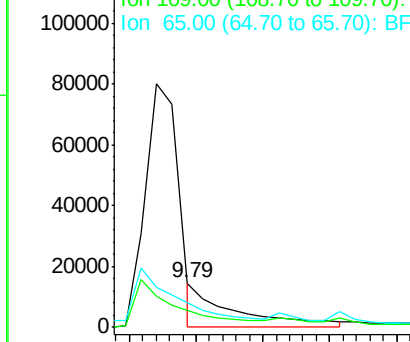
Tgt Ion:	139	Resp:	28508
Ion Ratio	Lower	Upper	
139	100		
109	38.1	48.9	88.9#
65	55.6	84.9	124.9#

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



#56

2,4-Dinitrotoluene

Concen: 23.62 ng

RT: 9.79 min Scan# 718

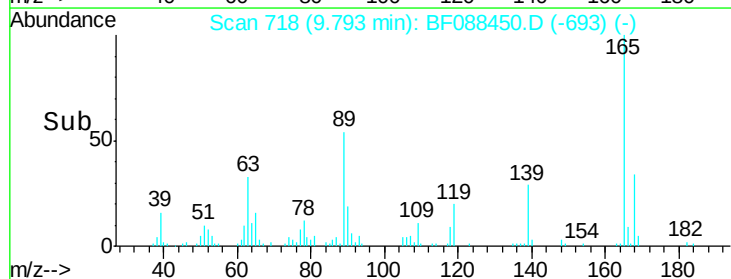
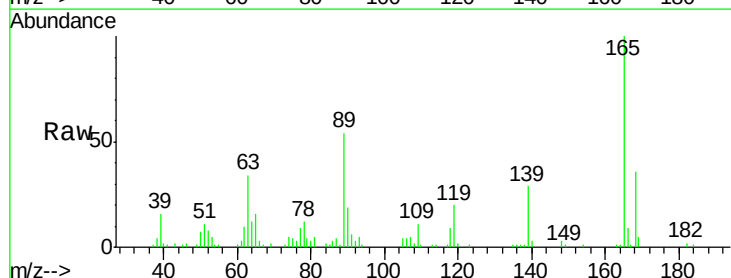
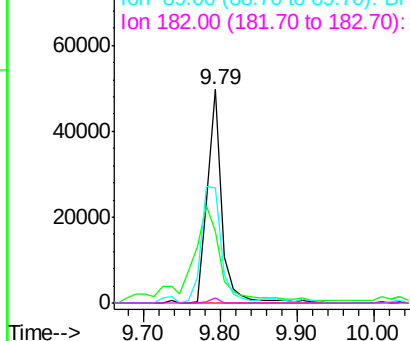
Delta R.T. -0.01 min

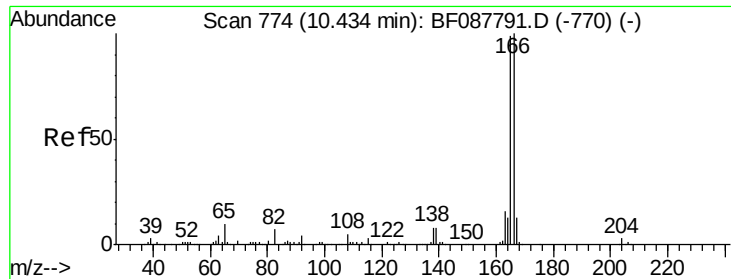
Lab File: BF088450.D

Acq: 27 Jun 2016 12:22

Tgt Ion:	165	Resp:	65154
Ion Ratio	Lower	Upper	
165	100		
63	33.8	22.0	33.0#
89	53.7	41.1	61.7
182	2.5	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: 25.11 ng

RT: 10.11 min Scan# 746

Delta R.T. -0.02 min

Lab File: BF088450.D

Acq: 27 Jun 2016 12:22

Instrument :

BNA_F

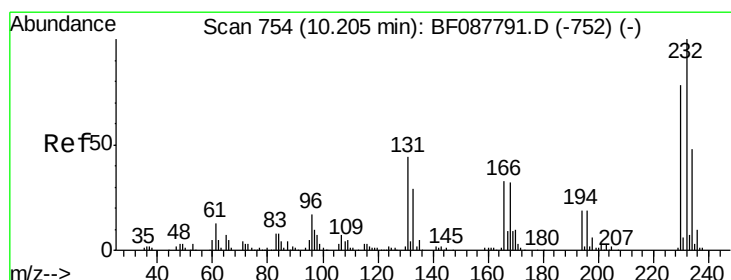
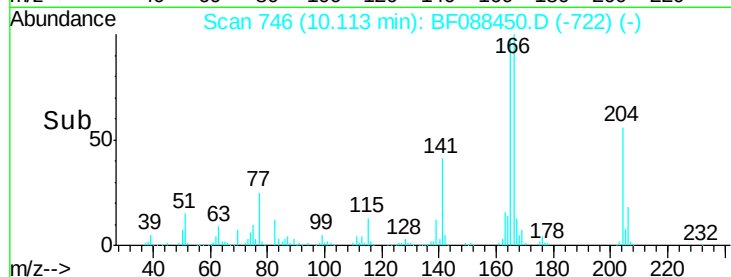
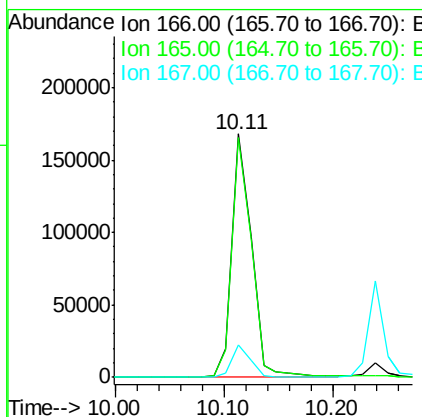
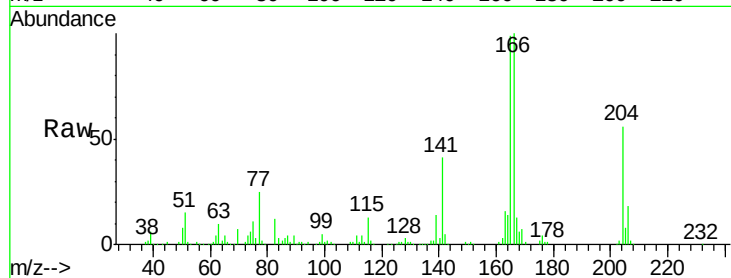
ClientSampleId :

HSR-WC-55-062216MSD

Tgt Ion:	166	Resp:	210676
Ion Ratio		Lower	Upper
166	100		
165	98.7	77.8	116.8
167	13.5	11.2	16.8

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#58

2,3,4,6-Tetrachlorophenol

Concen: 21.91 ng

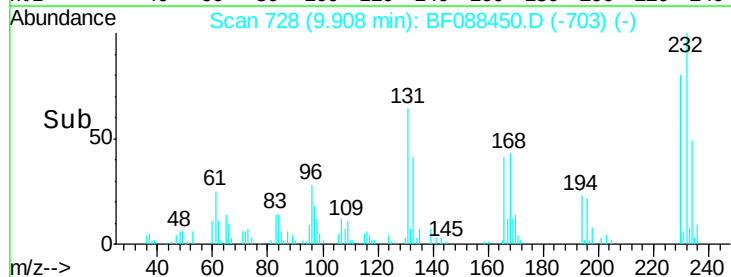
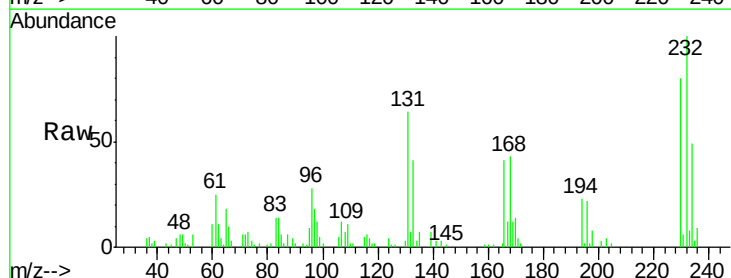
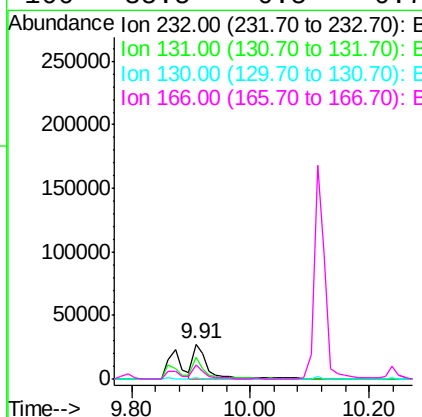
RT: 9.91 min Scan# 728

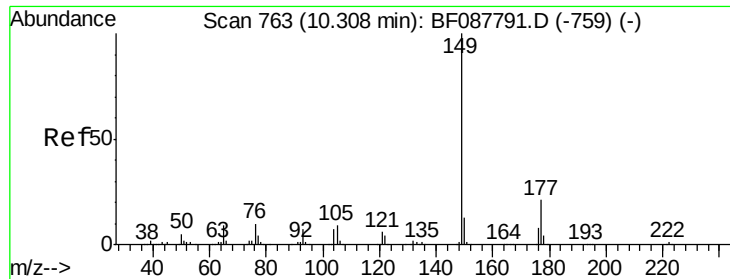
Delta R.T. -0.01 min

Lab File: BF088450.D

Acq: 27 Jun 2016 12:22

Tgt Ion:	232	Resp:	46350
Ion Ratio		Lower	Upper
232	100		
131	43.8	0.9	1.3#
130	2.0	1.5	2.3
166	35.5	0.5	0.7#





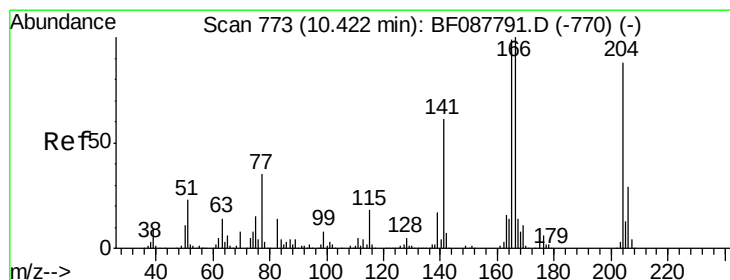
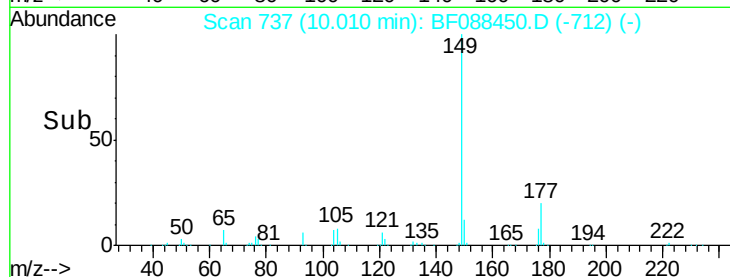
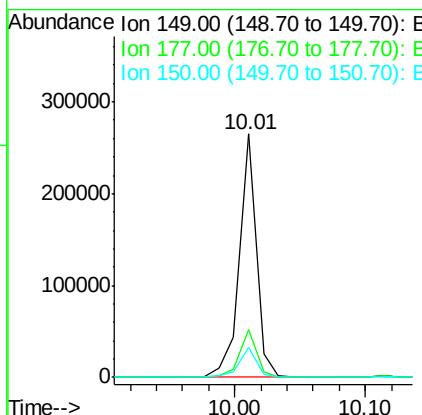
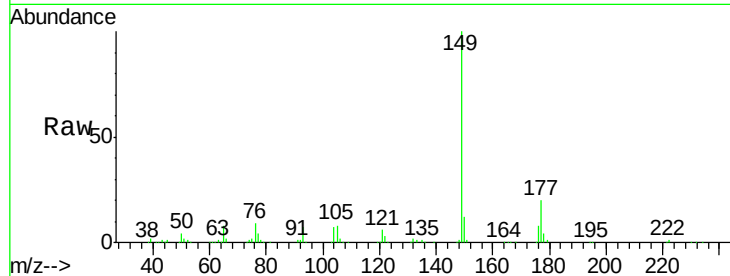
#59
Diethylphthalate
Concen: 25.21 ng
RT: 10.01 min Scan# 737
Delta R.T. -0.01 min
Lab File: BF088450.D
Acq: 27 Jun 2016 12:22

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

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	239238		
177	19.8	16.9	25.3	
150	12.2	10.1	15.1	

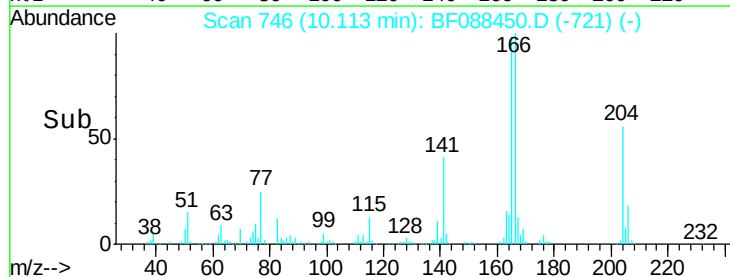
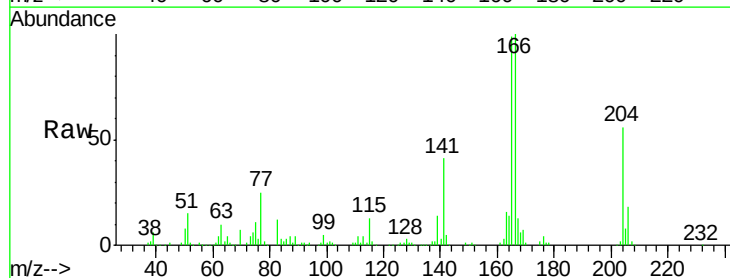
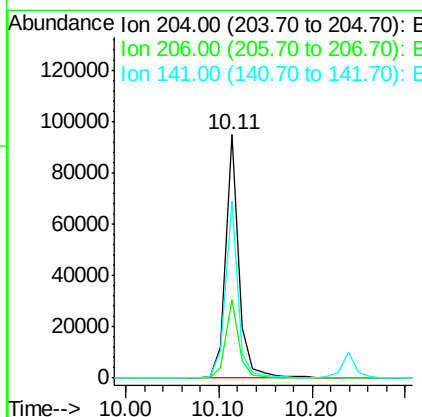
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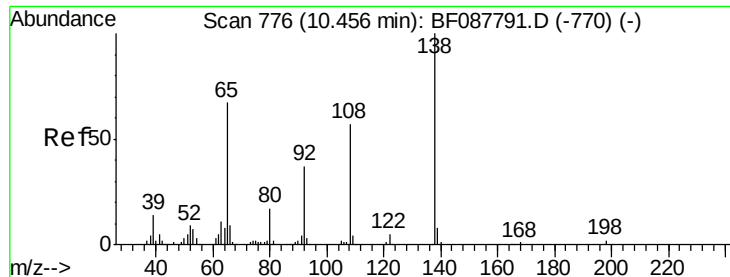
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#60
4-Chlorophenyl-phenylether
Concen: 24.54 ng
RT: 10.11 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF088450.D
Acq: 27 Jun 2016 12:22

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	93381		
206	32.5	26.3	39.5	
141	72.7	55.0	82.6	





#61

4-Nitroaniline

Concen: 19.96 ng

RT: 10.17 min Scan# 751

Delta R.T. -0.02 min

Lab File: BF088450.D

Acq: 27 Jun 2016 12:22

Instrument :

BNA_F

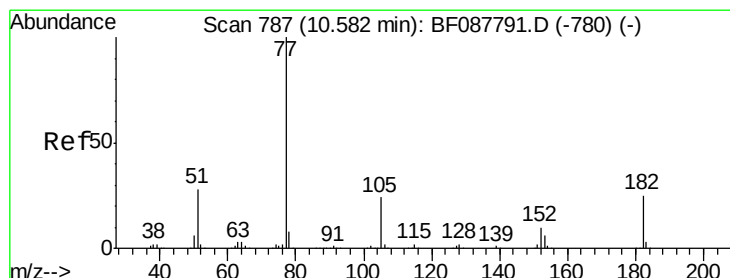
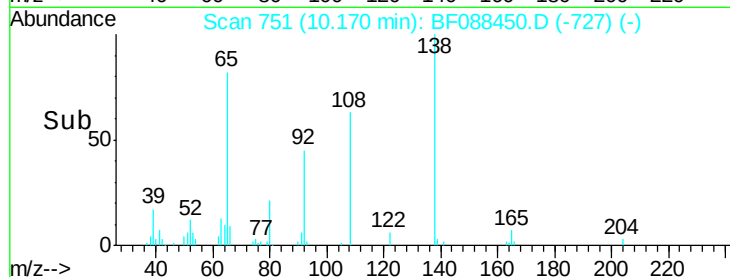
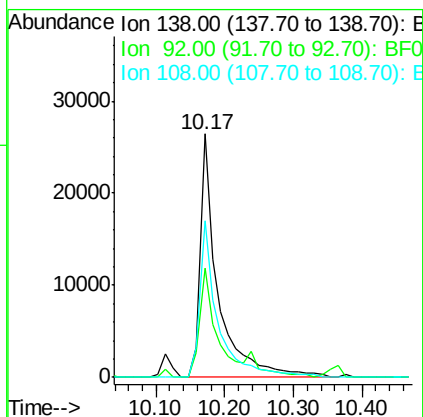
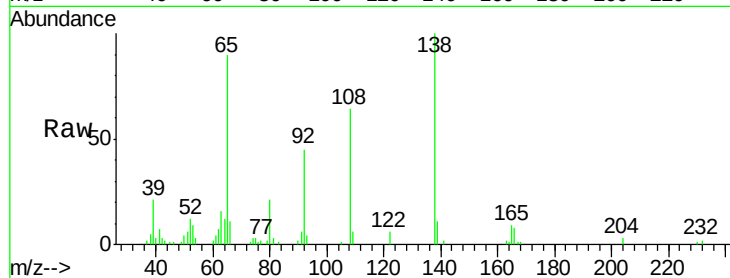
ClientSampleId :

HSR-WC-55-062216MSD

Tgt Ion:	138	Resp:	46910
Ion Ratio	Lower	Upper	
138	100		
92	45.0	27.3	67.3
108	64.4	46.7	86.7

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#62

Azobenzene

Concen: 24.31 ng

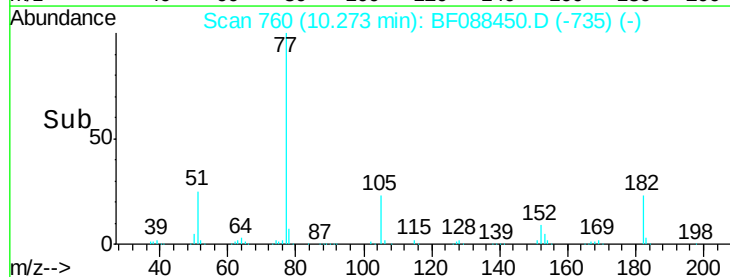
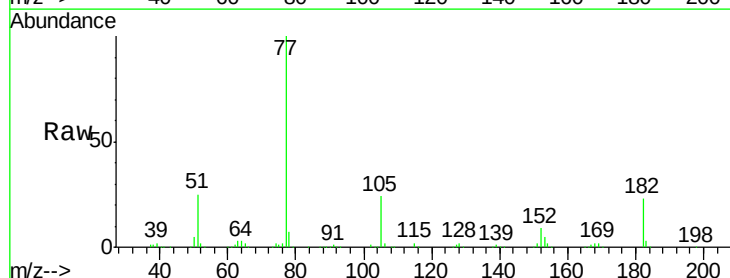
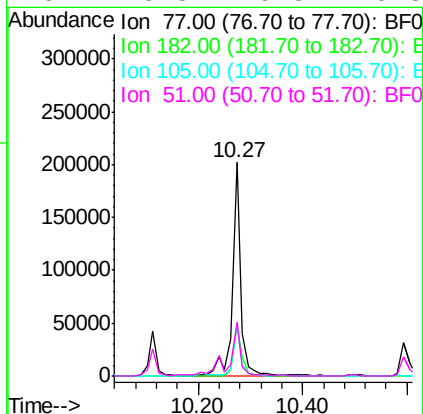
RT: 10.27 min Scan# 760

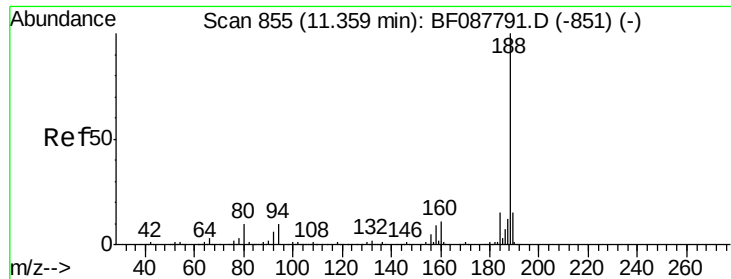
Delta R.T. -0.01 min

Lab File: BF088450.D

Acq: 27 Jun 2016 12:22

Tgt Ion:	77	Resp:	228141
Ion Ratio	Lower	Upper	
77	100		
182	23.2	4.4	44.4
105	23.9	3.8	43.8
51	25.3	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: BF088450.D

Acq: 27 Jun 2016 12:22

Instrument :

BNA_F

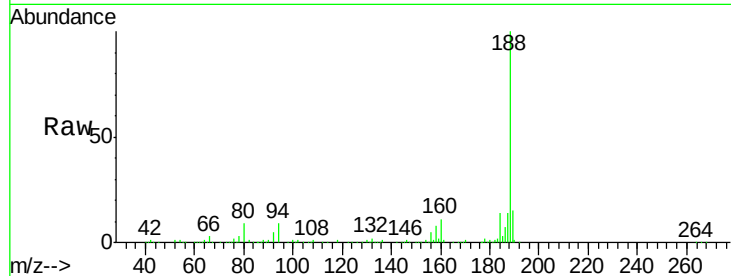
ClientSampleId :

HSR-WC-55-062216MSD

Tgt Ion:	188	Resp:	245743
Ion Ratio	Lower	Upper	
188	100		
94	8.6	9.0	13.6#
80	8.8	10.0	15.0#

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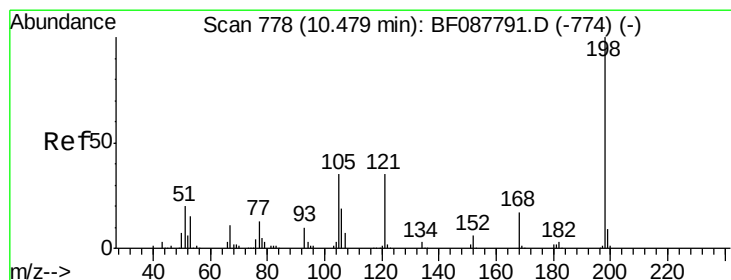
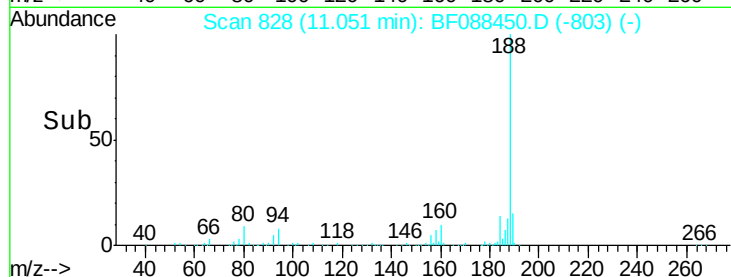
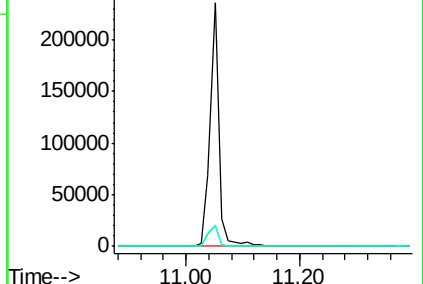
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Abundance Ion 188.00 (187.70 to 188.70): E

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: 8.25 ng

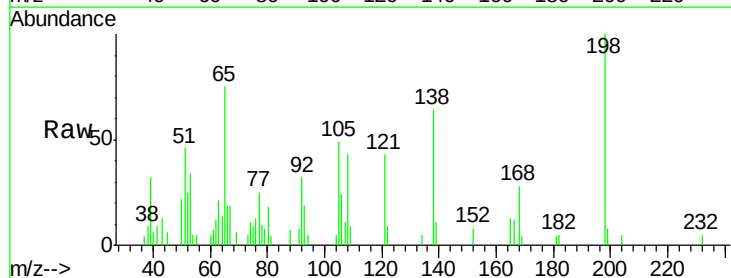
RT: 10.20 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF088450.D

Acq: 27 Jun 2016 12:22

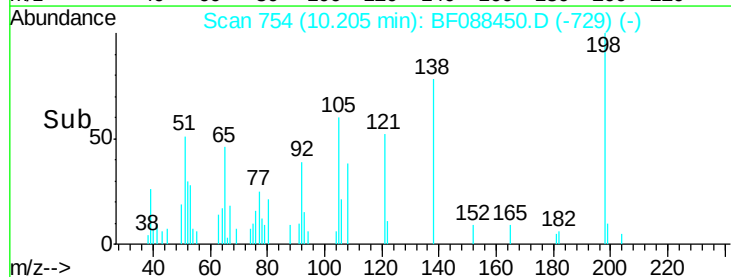
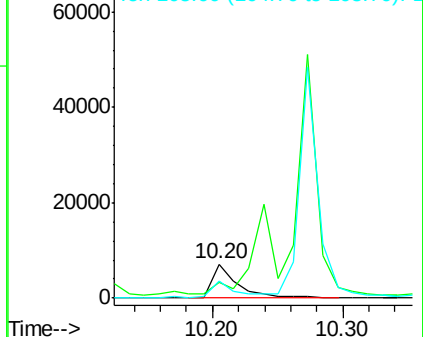
Tgt Ion:	198	Resp:	9773
Ion Ratio	Lower	Upper	
198	100		
51	46.4	39.6	79.6
105	49.3	36.6	76.6

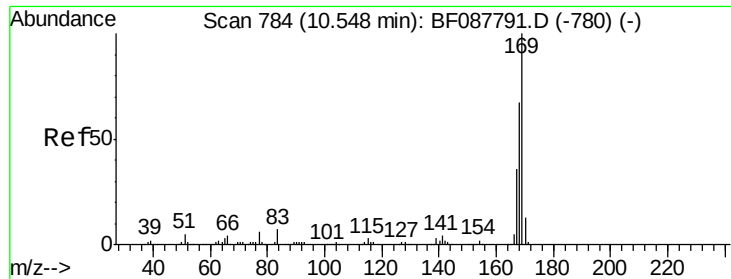


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





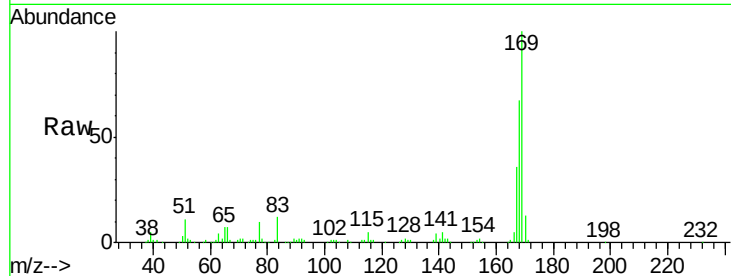
#65
n-Nitrosodiphenylamine
Concen: 22.88 ng
RT: 10.24 min Scan# 757
Delta R.T. -0.01 min
Lab File: BF088450.D
Acq: 27 Jun 2016 12:22

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

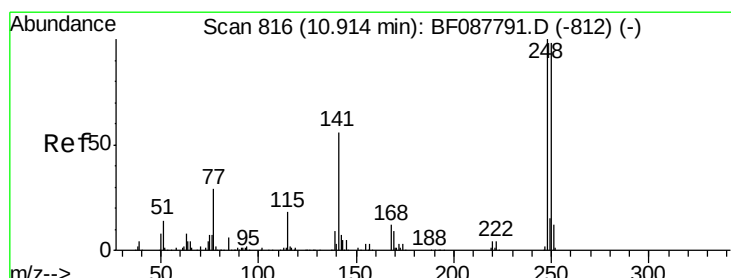
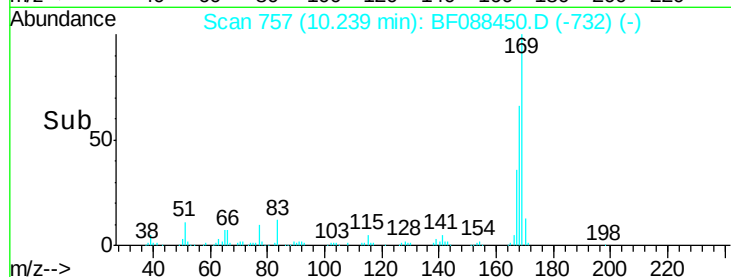
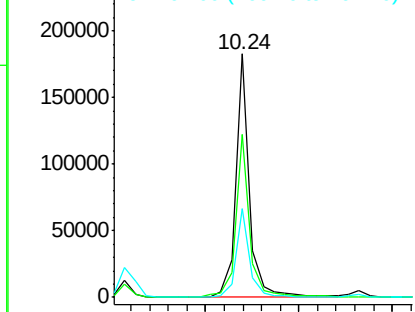
Tgt Ion	Ratio	Resp	Lower	Upper
169	100	186600		
168	67.0	53.4	80.0	
167	36.2	29.4	44.0	

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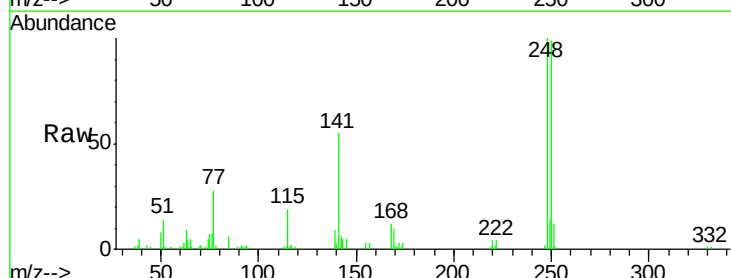


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

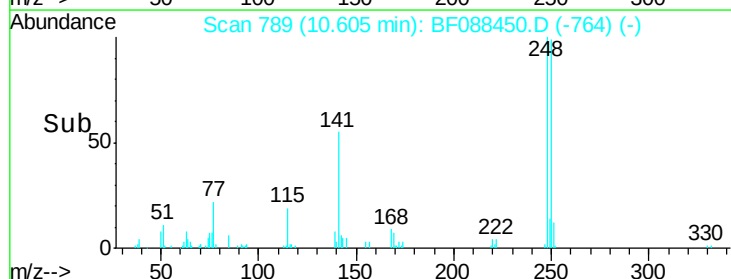
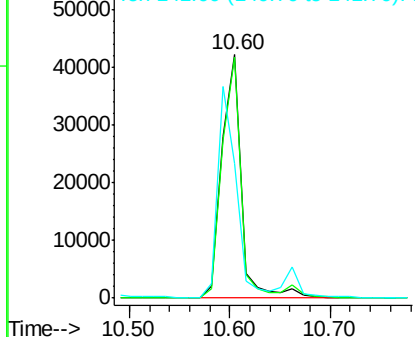


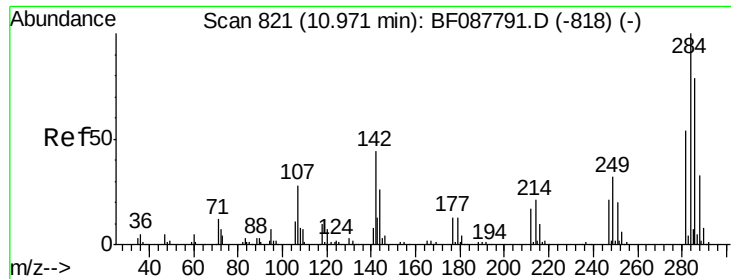
#66
4-Bromophenyl-phenylether
Concen: 21.61 ng
RT: 10.60 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF088450.D
Acq: 27 Jun 2016 12:22

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	56977		
250	99.2	77.1	115.7	
141	55.3	50.6	76.0	



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





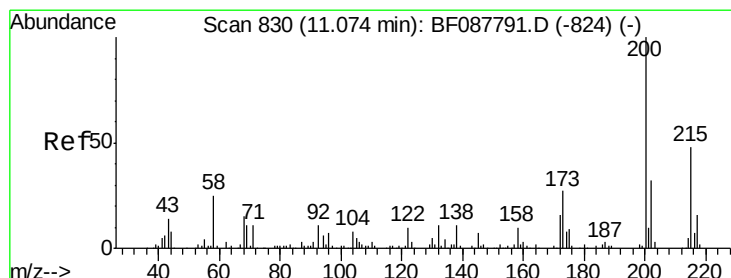
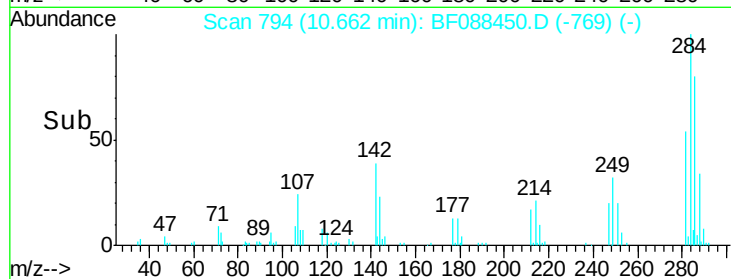
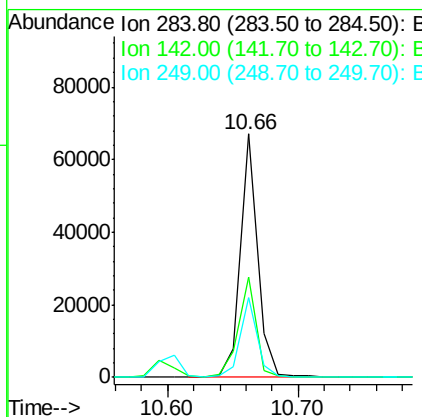
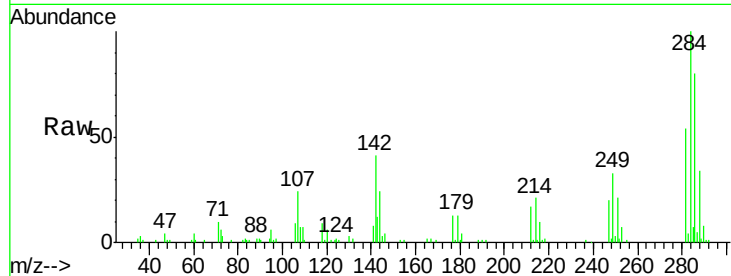
#67
Hexachlorobenzene
Concen: 22.41 ng
RT: 10.66 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF088450.D
Acq: 27 Jun 2016 12:22

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

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	61397		
142	41.0	35.8	53.8	
249	32.7	25.8	38.6	

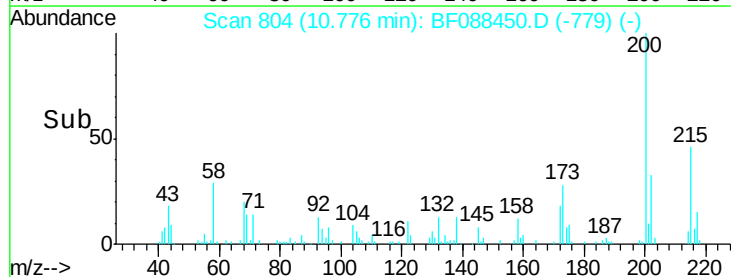
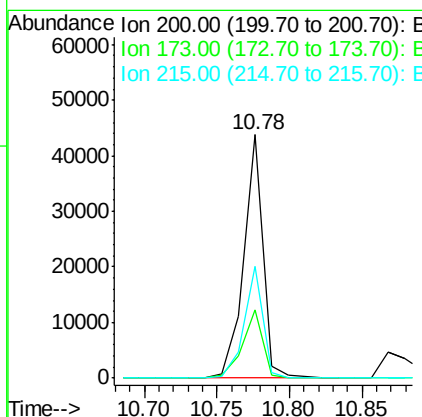
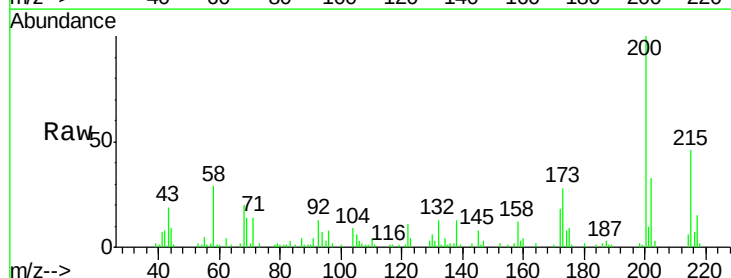
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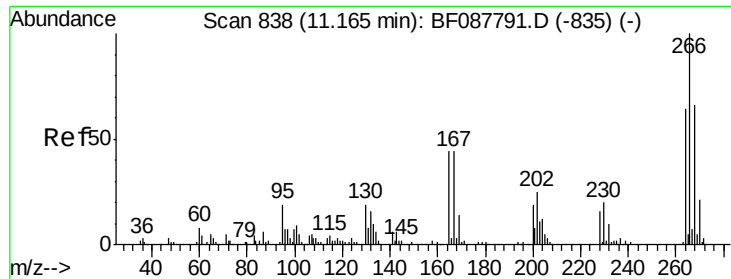
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#68
Atrazine
Concen: 16.42 ng
RT: 10.78 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF088450.D
Acq: 27 Jun 2016 12:22

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	40550		
173	28.0	4.0	44.0	
215	46.1	29.3	69.3	





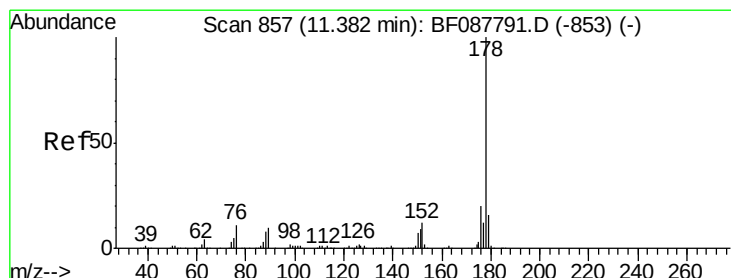
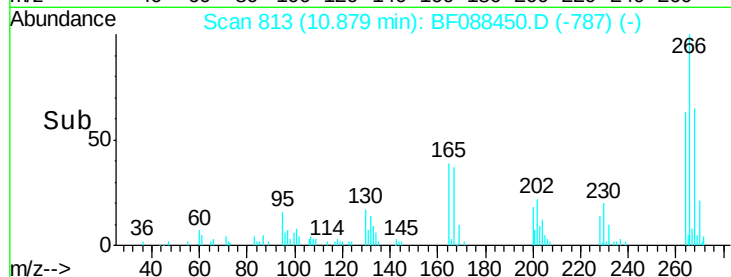
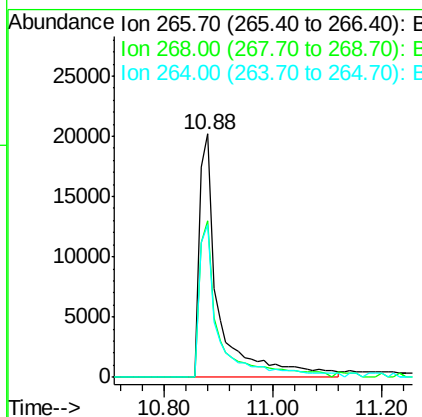
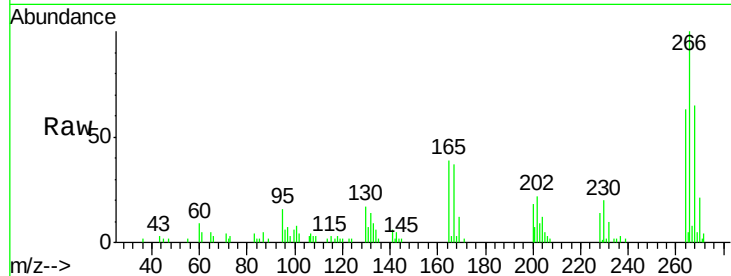
#69
 Pentachlorophenol
 Concen: 34.34 ng
 RT: 10.88 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF088450.D
 Acq: 27 Jun 2016 12:22

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

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.5	52.8	79.2
264	63.0	49.6	74.4

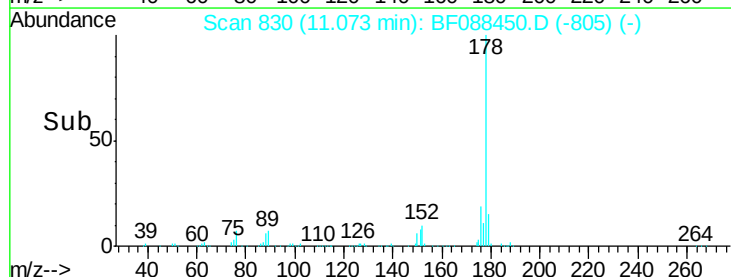
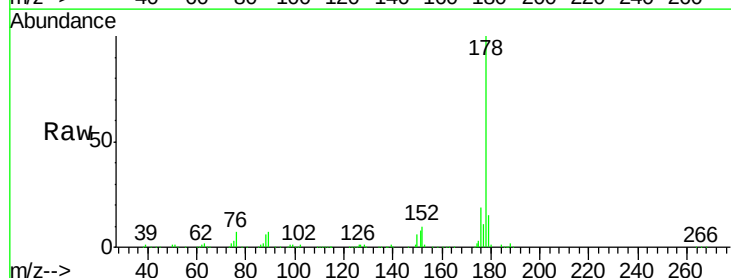
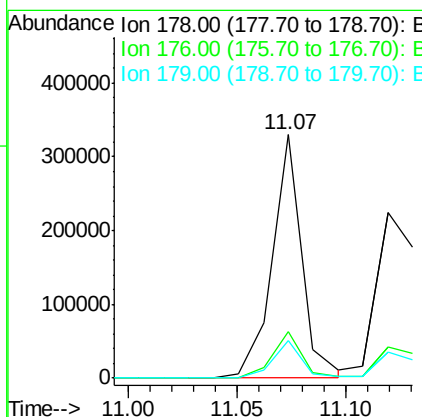
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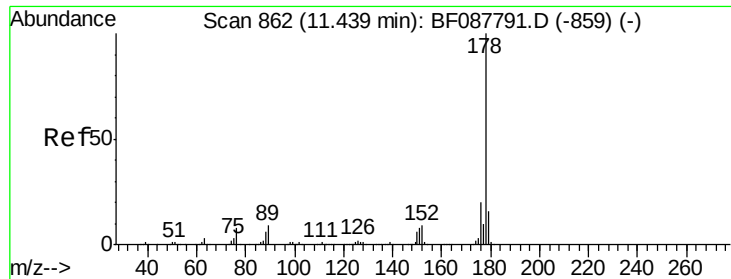
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#70
 Phenanthrene
 Concen: 24.40 ng
 RT: 11.07 min Scan# 830
 Delta R.T. -0.01 min
 Lab File: BF088450.D
 Acq: 27 Jun 2016 12:22

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.8	23.6
179	15.2	13.0	19.4





#71

Anthracene

Concen: 25.61 ng

RT: 11.12 min Scan# 834

Delta R.T. -0.02 min

Lab File: BF088450.D

Acq: 27 Jun 2016 12:22

Instrument :

BNA_F

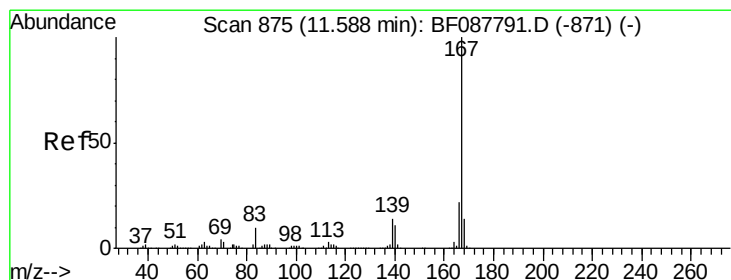
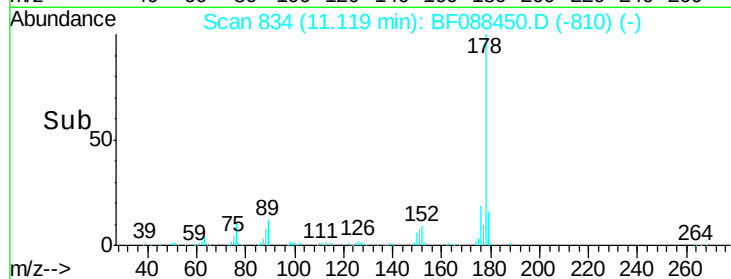
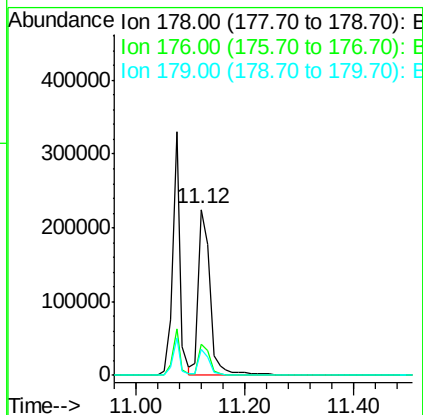
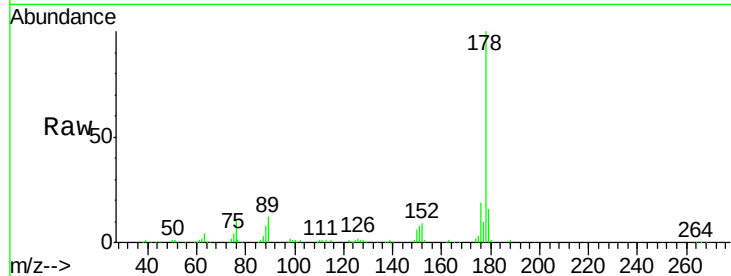
ClientSampleId :

HSR-WC-55-062216MSD

Tgt Ion:	178	Resp:	333121
Ion Ratio	Lower	Upper	
178	100		
176	18.6	15.6	23.4
179	15.6	12.8	19.2

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#72

Carbazole

Concen: 25.54 ng

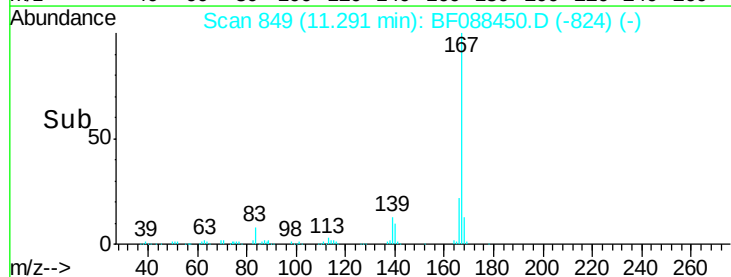
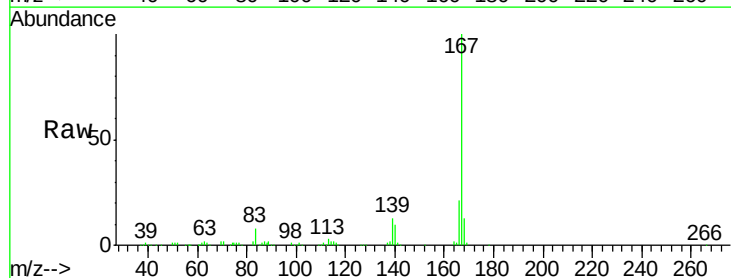
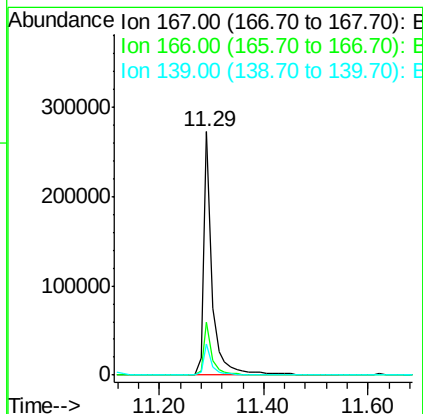
RT: 11.29 min Scan# 849

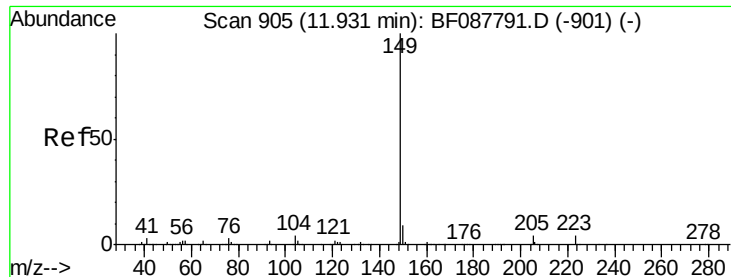
Delta R.T. -0.01 min

Lab File: BF088450.D

Acq: 27 Jun 2016 12:22

Tgt Ion:	167	Resp:	310918
Ion Ratio	Lower	Upper	
167	100		
166	21.5	17.8	26.6
139	12.7	11.2	16.8





#73

Di-n-butylphthalate

Concen: 23.60 ng

RT: 11.62 min Scan# 878

Delta R.T. -0.01 min

Lab File: BF088450.D

Acq: 27 Jun 2016 12:22

Instrument :

BNA_F

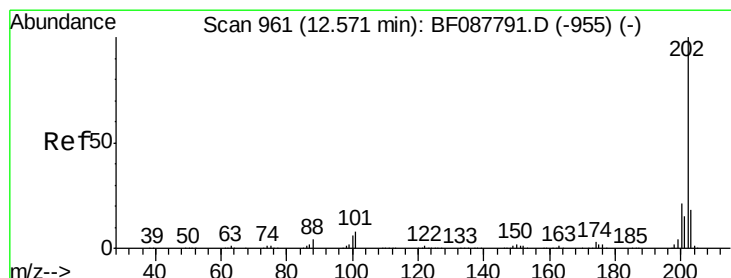
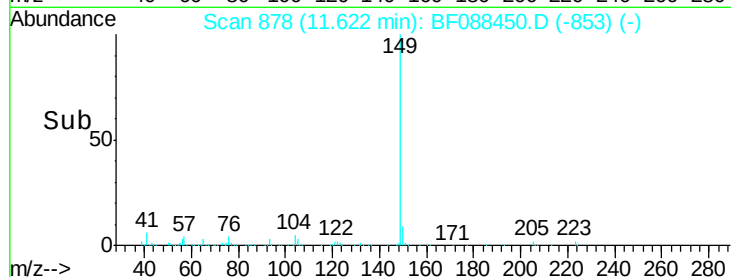
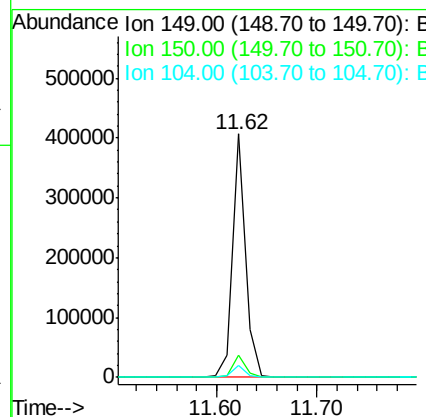
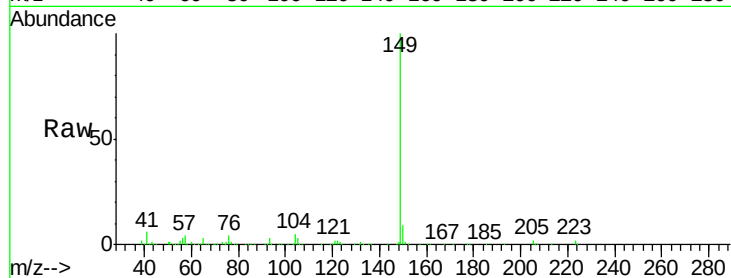
ClientSampleId :

HSR-WC-55-062216MSD

Tgt Ion:	149	Resp:	363631
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.8	11.6
104	4.8	4.0	6.0

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#74

Fluoranthene

Concen: 23.65 ng

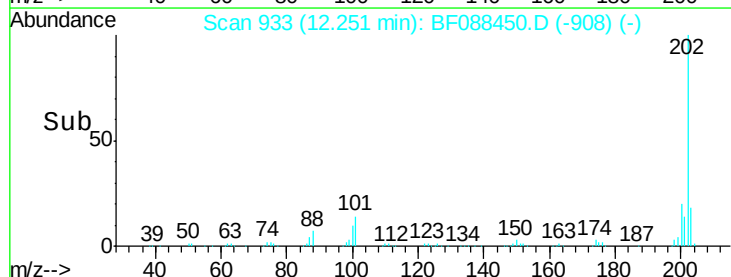
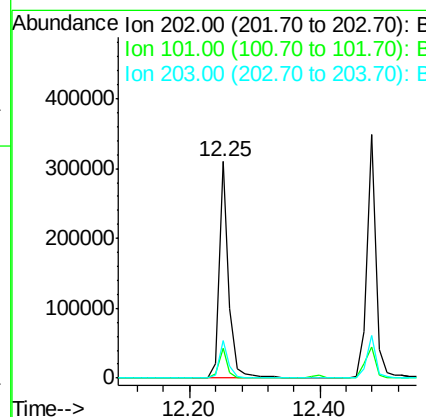
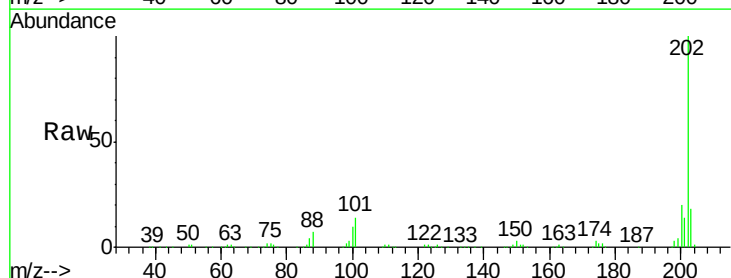
RT: 12.25 min Scan# 933

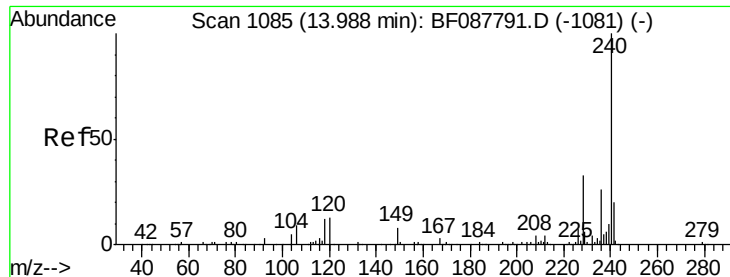
Delta R.T. -0.01 min

Lab File: BF088450.D

Acq: 27 Jun 2016 12:22

Tgt Ion:	202	Resp:	321779
Ion Ratio	Lower	Upper	
202	100		
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: BF088450.D

Acq: 27 Jun 2016 12:22

Instrument :

BNA_F

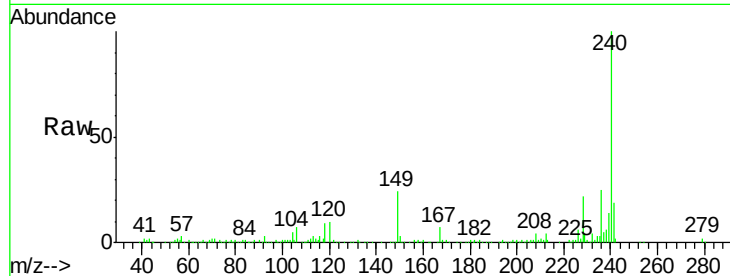
ClientSampled :

HSR-WC-55-062216MSD

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.3	6.8	10.2#
236	25.5	20.2	30.2

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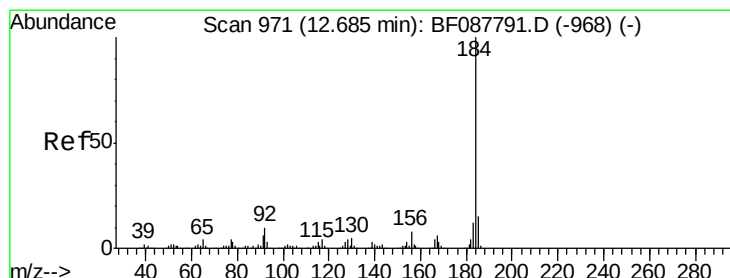
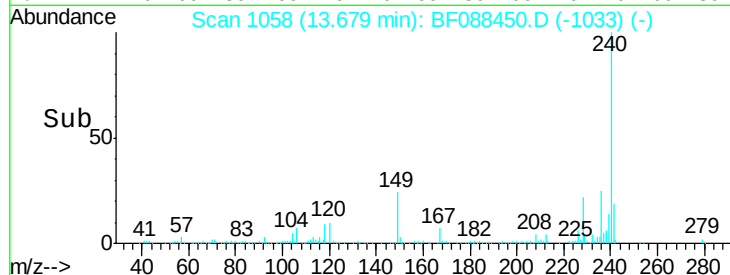
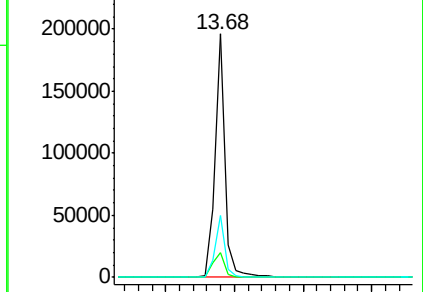
sohil
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 2.04 ng

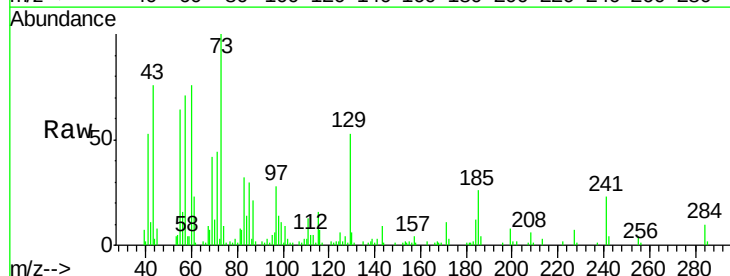
RT: 12.40 min Scan# 946

Delta R.T. 0.00 min

Lab File: BF088450.D

Acq: 27 Jun 2016 12:22

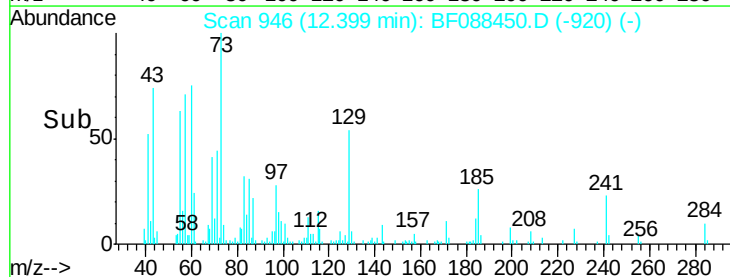
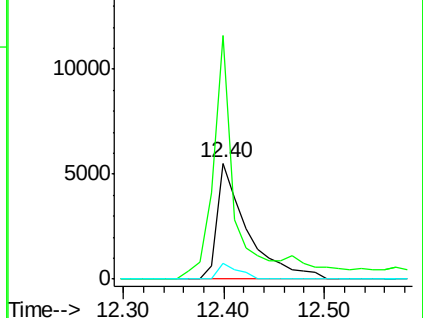
Tgt Ion	Ratio	Lower	Upper
184	100		
185	209.9	12.5	18.7#
183	13.4	9.3	13.9

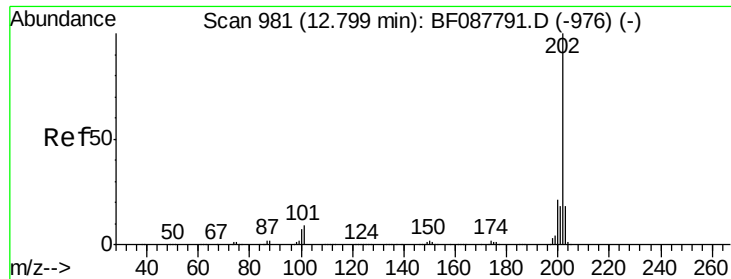


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





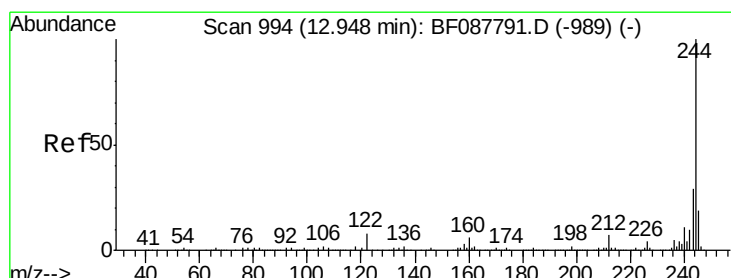
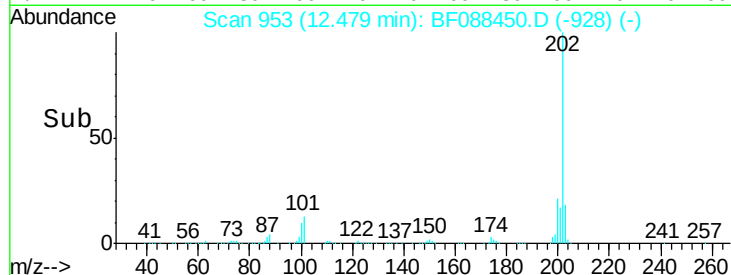
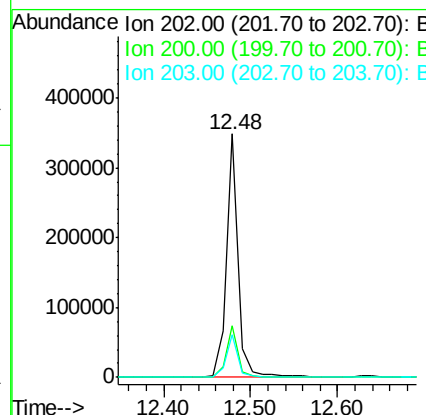
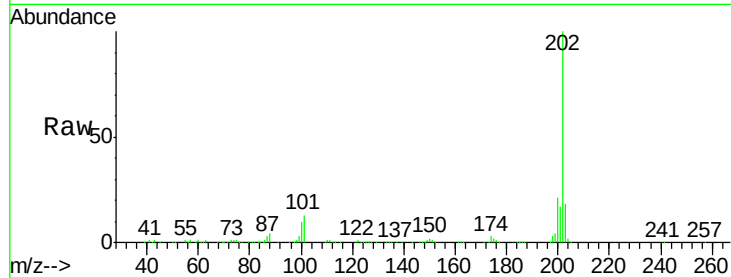
#77
 Pyrene
 Concen: 21.68 ng
 RT: 12.48 min Scan# 953
 Delta R.T. -0.01 min
 Lab File: BF088450.D
 Acq: 27 Jun 2016 12:22

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

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	327212		
200	21.2	17.4	26.2	
203	17.5	14.5	21.7	

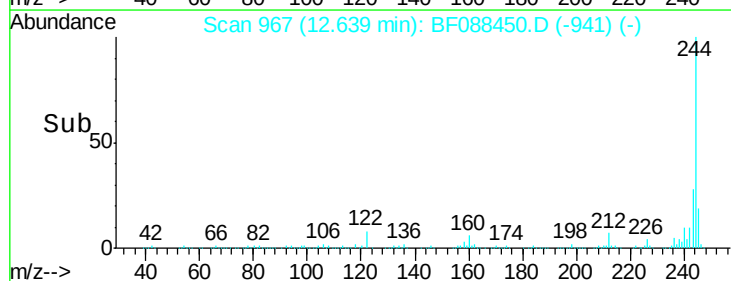
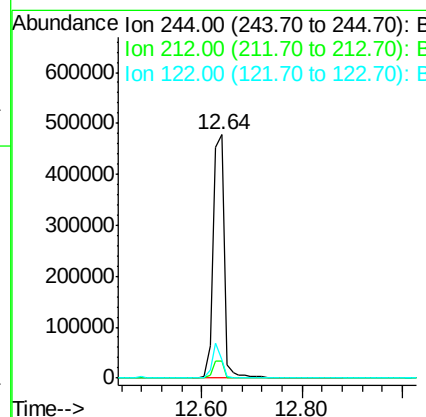
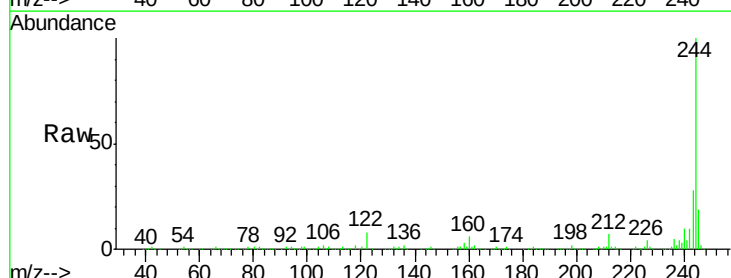
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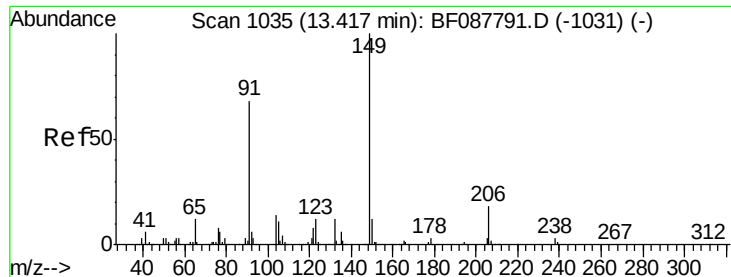
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#78
 Terphenyl-d14
 Concen: 81.93 ng
 RT: 12.64 min Scan# 967
 Delta R.T. 0.00 min
 Lab File: BF088450.D
 Acq: 27 Jun 2016 12:22

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	732430		
212	6.8	6.0	9.0	
122	7.6	11.2	16.8	





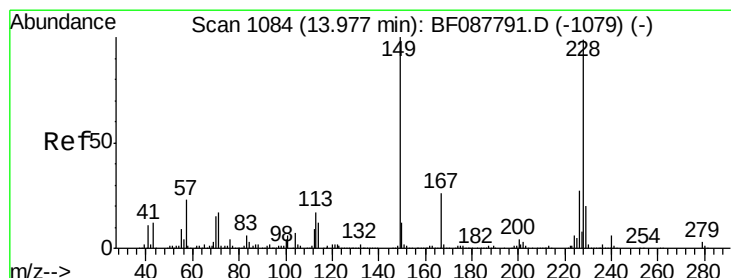
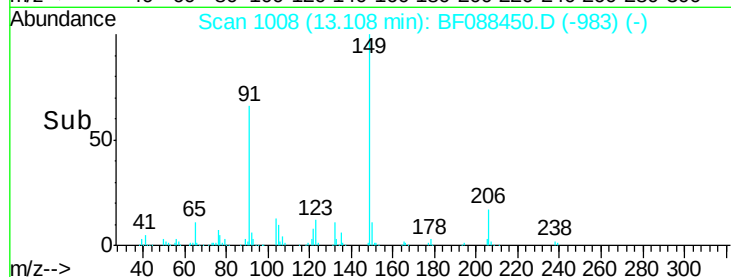
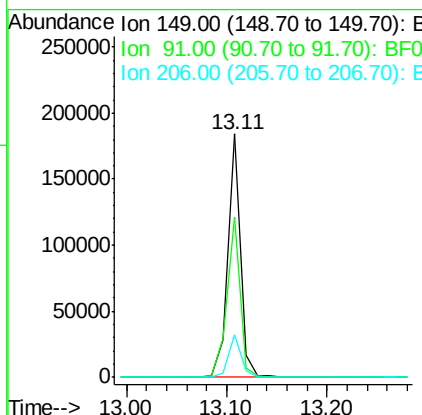
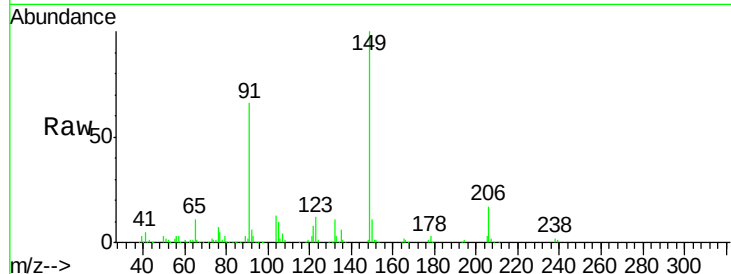
#79
Butylbenzylphthalate
Concen: 24.13 ng
RT: 13.11 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF088450.D
Acq: 27 Jun 2016 12:22

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

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	161058		
91	66.1	48.0	72.0	
206	17.4	16.0	24.0	

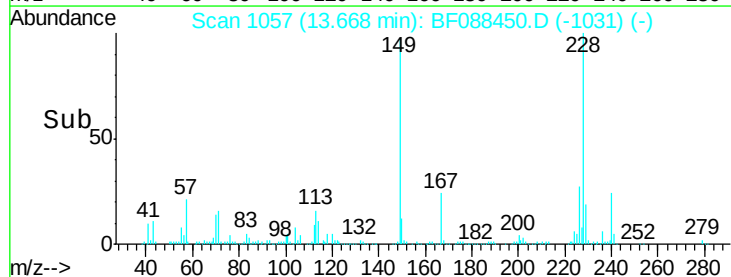
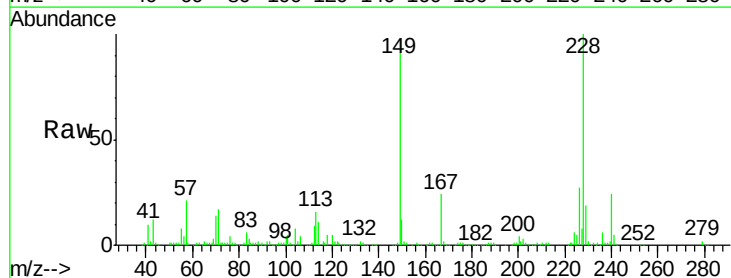
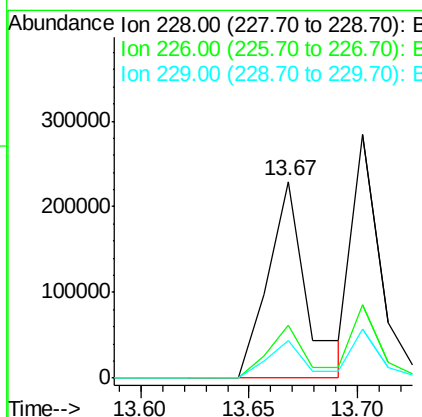
Manual Integrations
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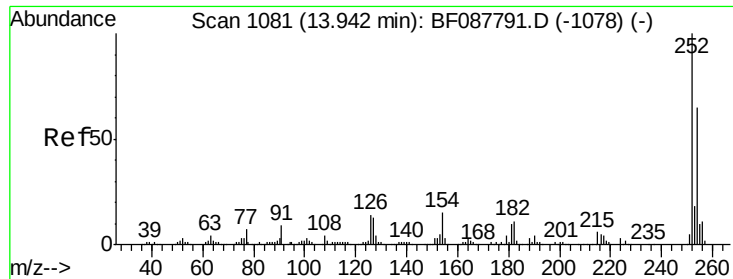
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#80
Benzo(a)anthracene
Concen: 24.53 ng
RT: 13.67 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BF088450.D
Acq: 27 Jun 2016 12:22

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	284384		
226	27.0	22.3	33.5	
229	19.4	16.0	24.0	





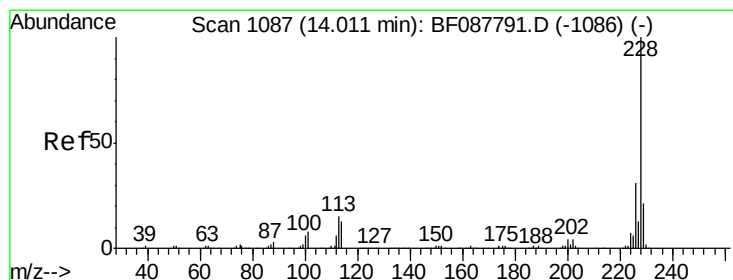
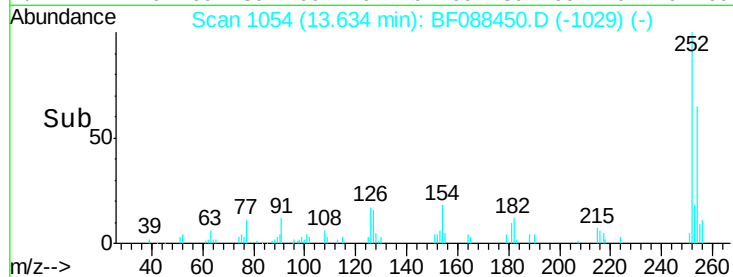
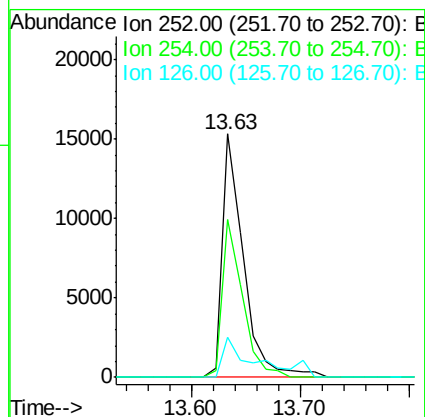
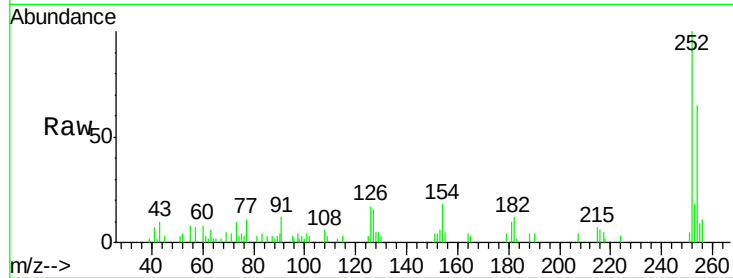
#81
 3,3'-Dichlorobenzidine
 Concen: 6.65 ng
 RT: 13.63 min Scan# 1054
 Delta R.T. -0.01 min
 Lab File: BF088450.D
 Acq: 27 Jun 2016 12:22

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

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	64.8	52.6	78.8
126	16.7	6.2	9.2

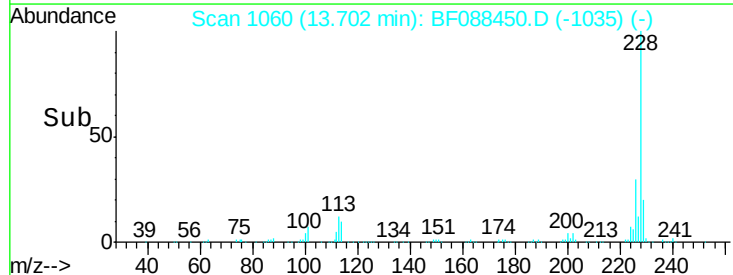
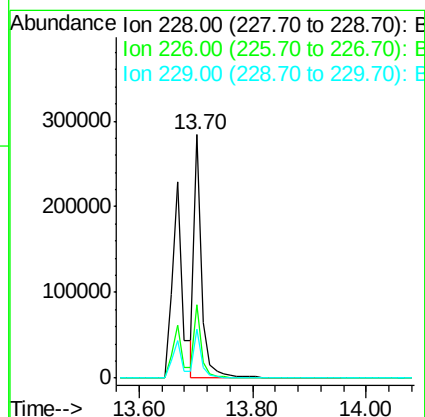
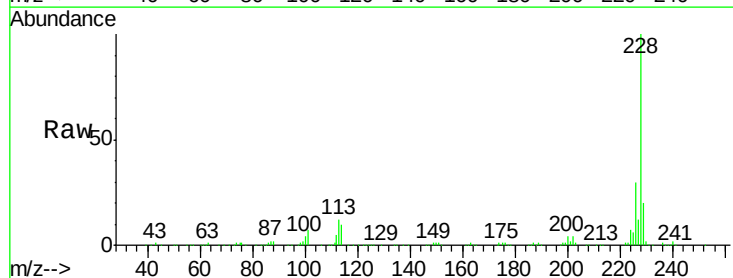
Manual Integrations
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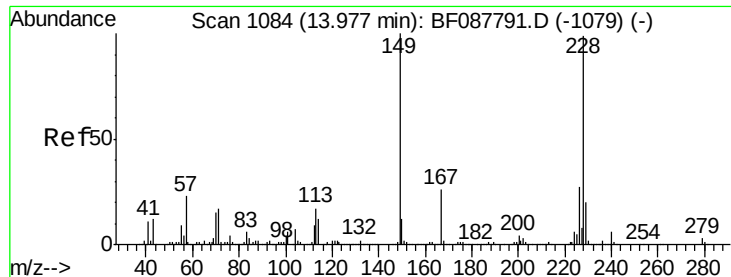
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#82
 Chrysene
 Concen: 24.65 ng
 RT: 13.70 min Scan# 1060
 Delta R.T. -0.01 min
 Lab File: BF088450.D
 Acq: 27 Jun 2016 12:22

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	29.9	25.4	38.2
229	20.1	16.3	24.5





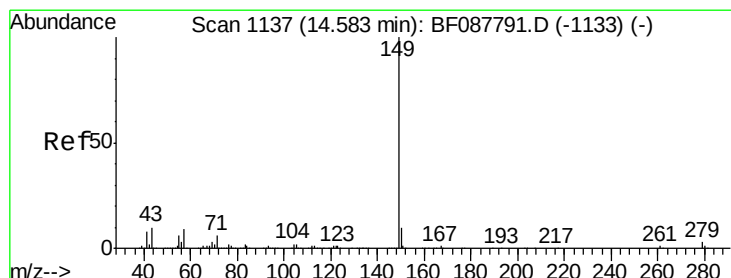
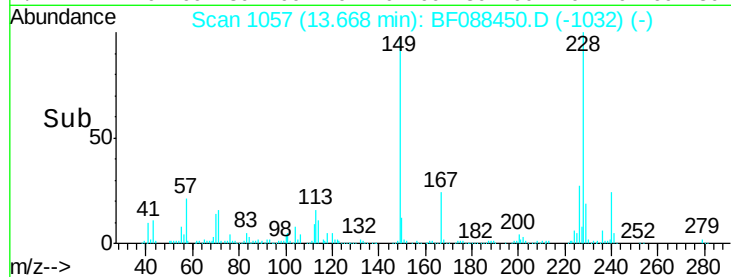
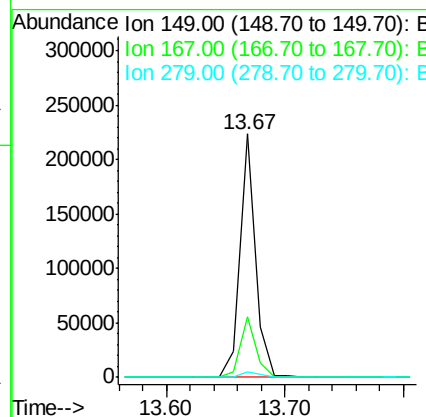
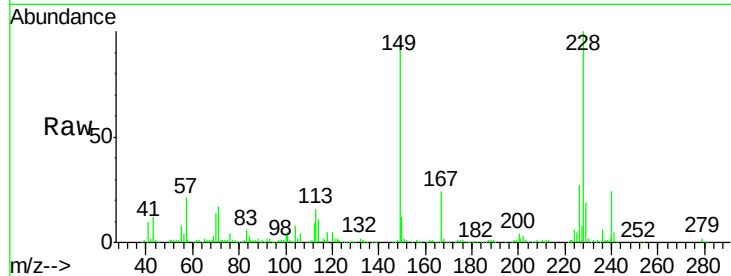
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 25.16 ng
 RT: 13.67 min Scan# 1057
 Delta R.T. -0.01 min
 Lab File: BF088450.D
 Acq: 27 Jun 2016 12:22

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

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	204384		
167	24.8	20.5	30.7	
279	2.5	2.0	3.0	

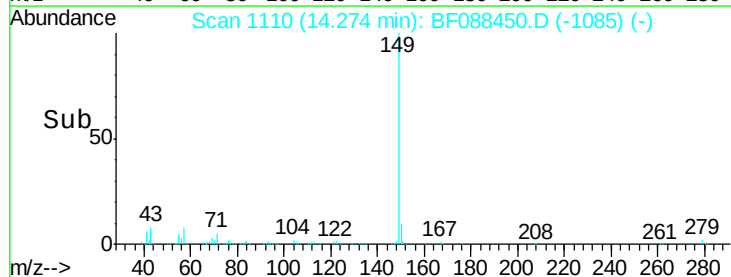
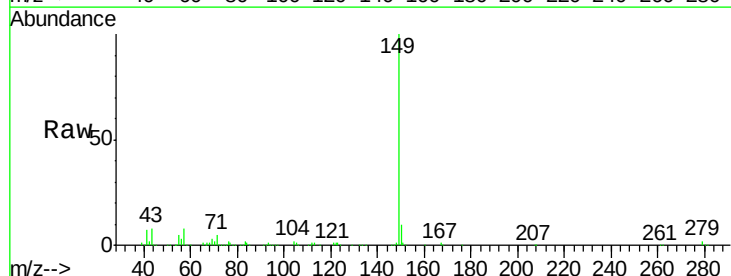
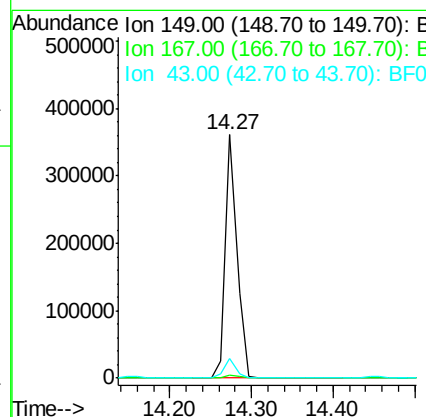
Manual Integrations
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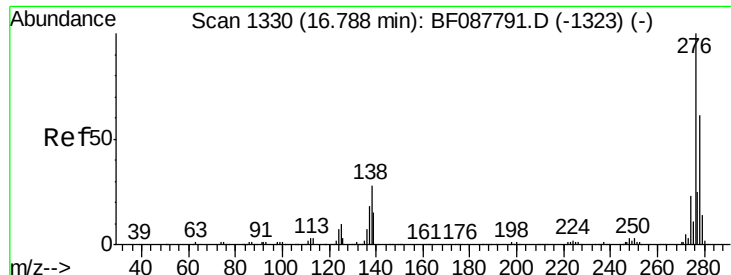
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#84
 Di-n-octyl phthalate
 Concen: 27.05 ng
 RT: 14.27 min Scan# 1110
 Delta R.T. -0.01 min
 Lab File: BF088450.D
 Acq: 27 Jun 2016 12:22

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	357041		
167	1.4	0.0	0.0#	
43	7.4	0.0	0.0#	





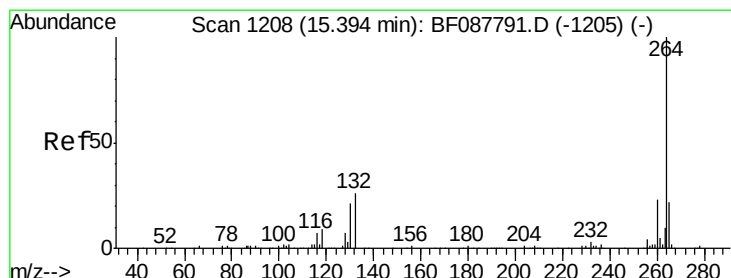
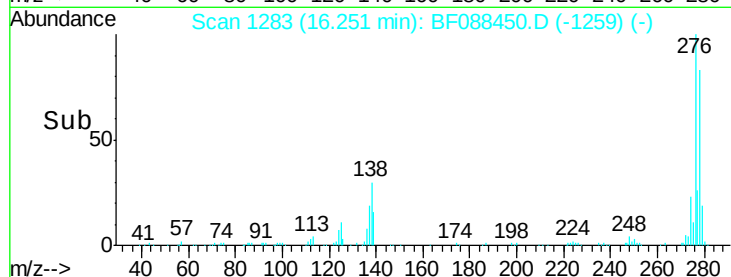
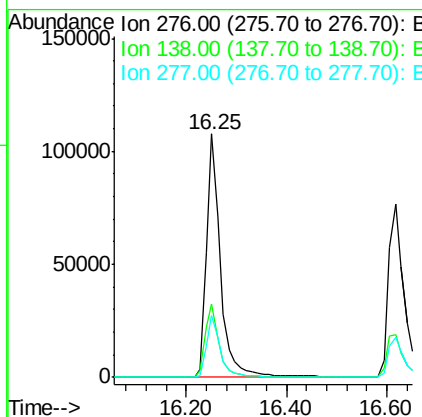
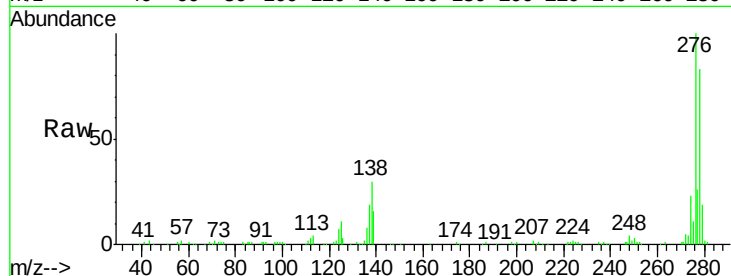
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 20.64 ng
 RT: 16.25 min Scan# 1283
 Delta R.T. -0.02 min
 Lab File: BF088450.D
 Acq: 27 Jun 2016 12:22

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

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	30.3	0.0	0.0#
277	24.7	0.0	0.0#

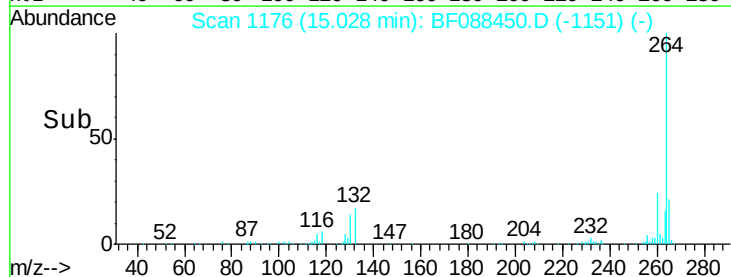
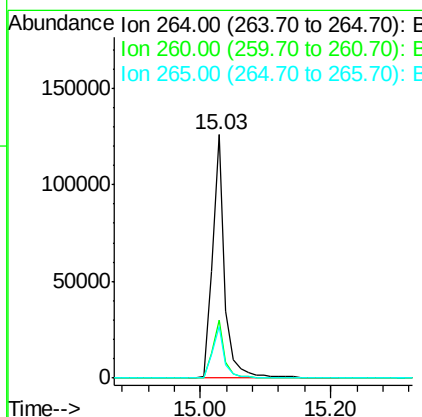
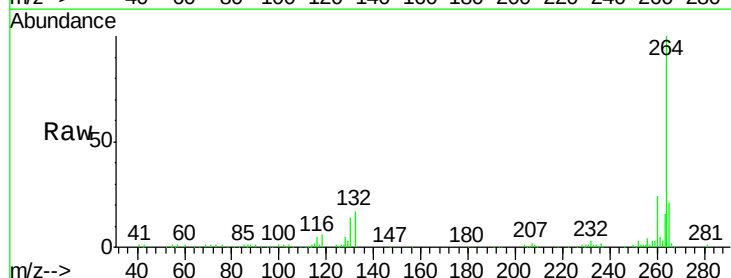
Manual Integrations
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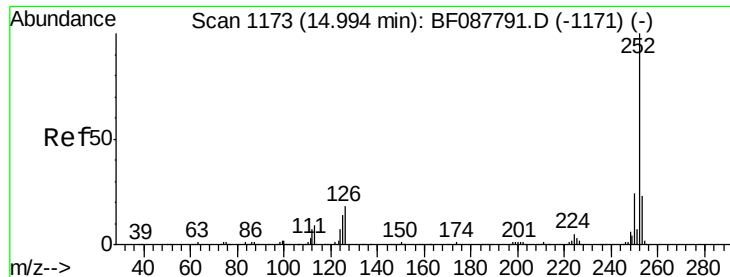
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.03 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: BF088450.D
 Acq: 27 Jun 2016 12:22

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	24.1	19.2	28.8
265	21.0	16.9	25.3





#87

Benzo(b)fluoranthene

Concen: 28.04 ng m

RT: 14.67 min Scan# 1145

Delta R.T. 0.00 min

Lab File: BF088450.D

Acq: 27 Jun 2016 12:22

Instrument :

BNA_F

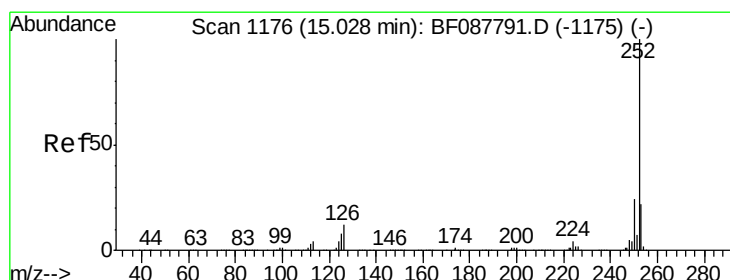
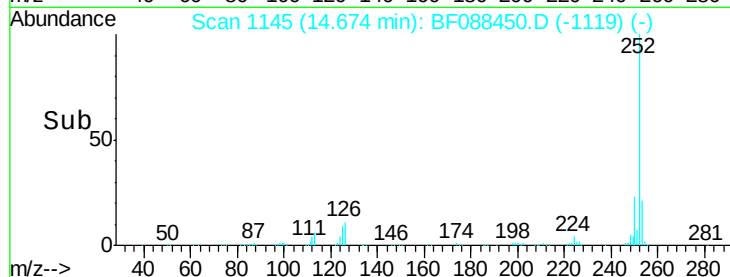
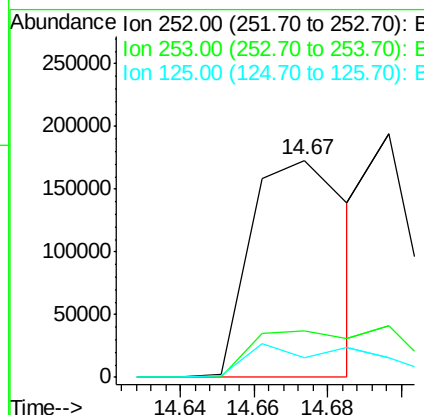
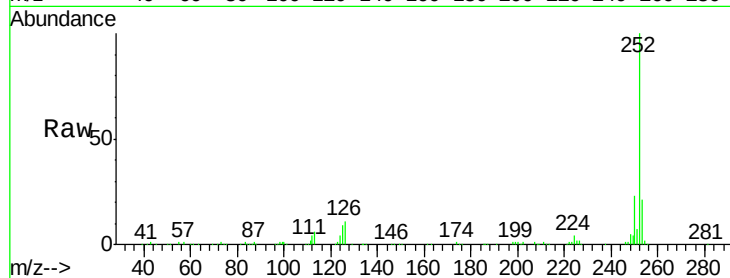
ClientSampleId :

HSR-WC-55-062216MSD

Tgt Ion:	252	Resp:	323910
Ion Ratio	Lower	Upper	
252	100		
253	21.4	17.4	26.2
125	8.8	7.1	10.7

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 20.44 ng m

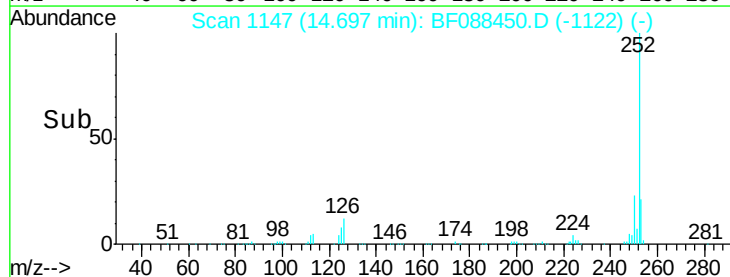
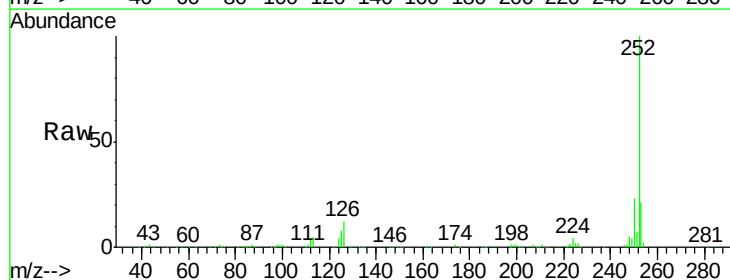
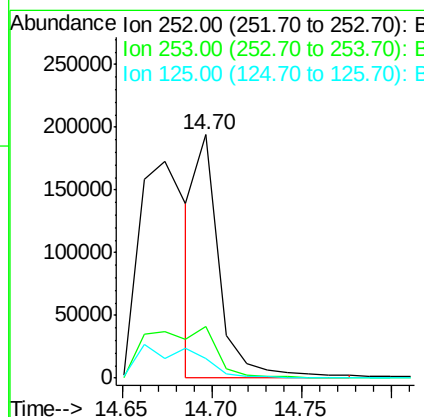
RT: 14.70 min Scan# 1147

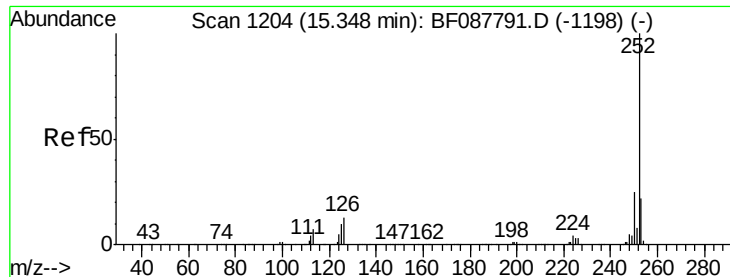
Delta R.T. -0.01 min

Lab File: BF088450.D

Acq: 27 Jun 2016 12:22

Tgt Ion:	252	Resp:	178098
Ion Ratio	Lower	Upper	
252	100		
253	21.1	18.0	27.0
125	8.2	11.2	16.8#





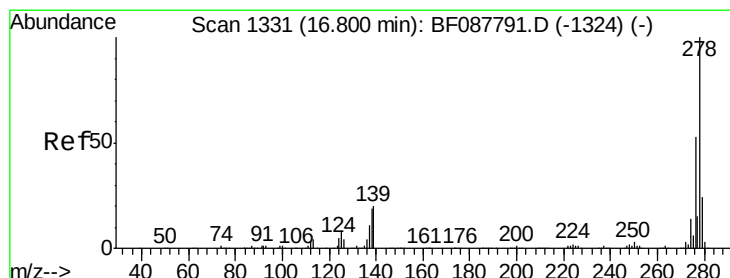
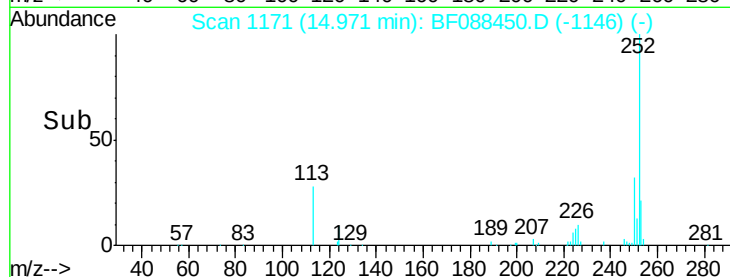
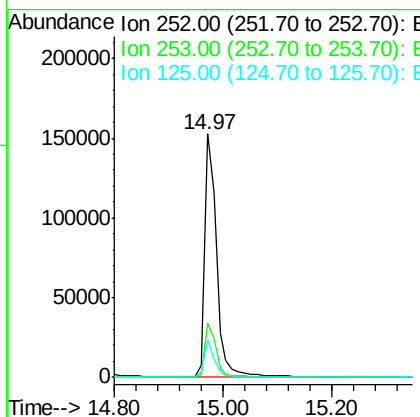
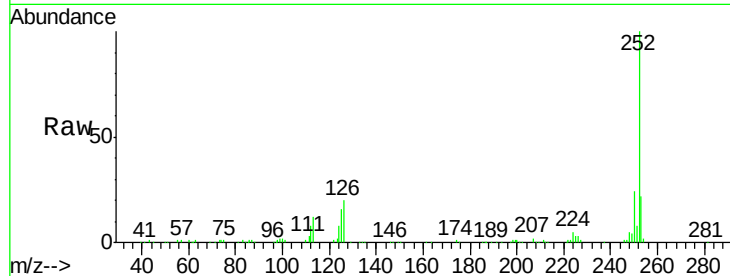
#89
Benzo(a)pyrene
Concen: 24.72 ng
RT: 14.97 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BF088450.D
Acq: 27 Jun 2016 12:22

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

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	15.6	12.5	18.7

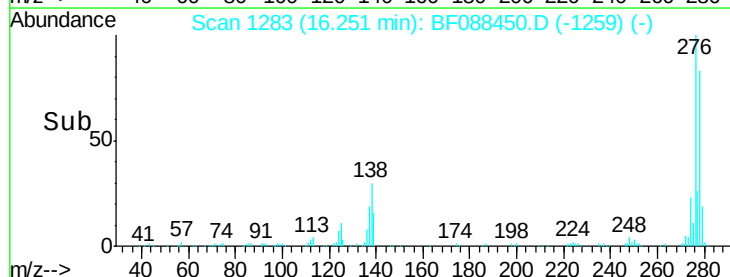
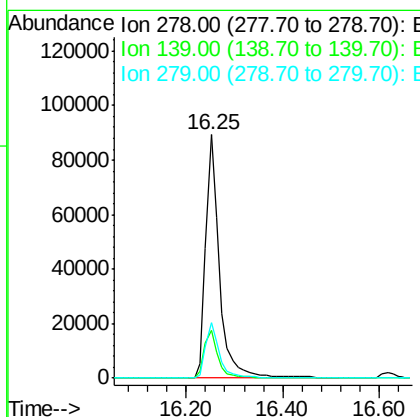
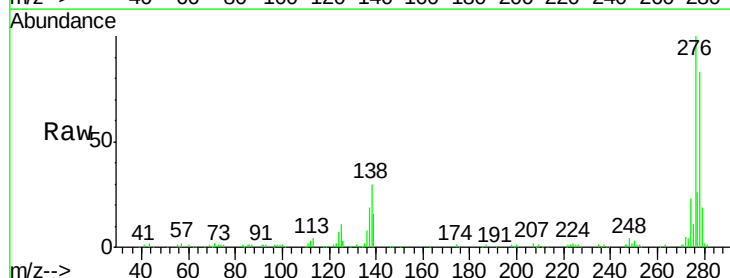
Manual Integrations
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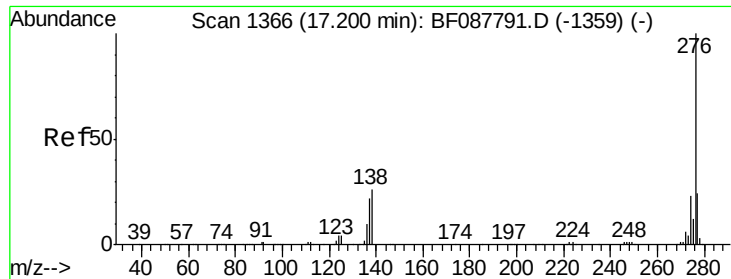
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#90
Dibenzo(a,h)anthracene
Concen: 20.54 ng
RT: 16.25 min Scan# 1283
Delta R.T. -0.02 min
Lab File: BF088450.D
Acq: 27 Jun 2016 12:22

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.8	15.7	23.5
279	23.0	19.4	29.2





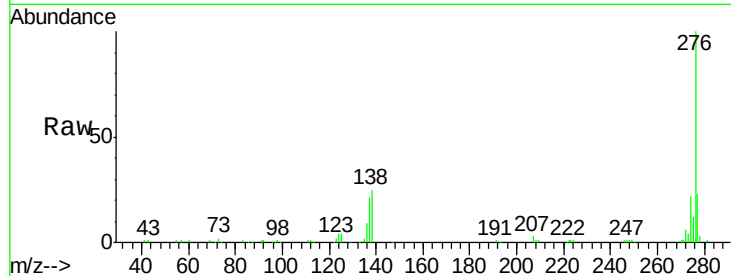
#91
 Benzo(g,h,i)perylene
 Concen: 19.53 ng
 RT: 16.62 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF088450.D
 Acq: 27 Jun 2016 12:22

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

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.9	28.3
138	24.6	21.4	32.2

Manual Integrations
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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

