

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051716\
 Data File : BF087110.D
 Acq On : 17 May 2016 19:03
 Operator : UM/SJ
 Sample : H3074-01MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

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

Manual Integrations
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 5/18/2016 6:57:41 PM

Quant Time: May 18 11:41:00 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 17 16:55:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	145683	20.00	ng	-0.01
21) Naphthalene-d8	7.88	136	614846	20.00	ng	-0.01
38) Acenaphthene-d10	9.63	164	247021	20.00	ng	-0.01
63) Phenanthrene-d10	11.11	188	533258	20.00	ng	-0.01
75) Chrysene-d12	13.74	240	333983	20.00	ng	-0.02
86) Perylene-d12	15.10	264	20991	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.20	112	1098943	126.79	ng	0.00
7) Phenol-d6	6.27	99	1273200	109.53	ng	-0.01
23) Nitrobenzene-d5	7.18	82	1130650	91.65	ng	-0.01
41) 2,4,6-Tribromophenol	10.42	330	453096	165.99	ng	-0.02
44) 2-Fluorobiphenyl	8.97	172	1846020	123.77	ng	-0.01
78) Terphenyl-d14	12.70	244	1674730	113.43	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.23	88	153009	34.32	ng	# 65
3) Pyridine	2.88	79	99131m	9.19	ng	
4) n-Nitrosodimethylamine	2.76	42	314634	41.17	ng	# 51
8) 2-Chlorophenol	6.39	128	452169	42.88	ng	86
9) Benzaldehyde	6.15	77	36217	4.37	ng	98
10) Phenol	6.28	94	517612	35.42	ng	85
11) bis(2-Chloroethyl)ether	6.34	93	449357	40.95	ng	84
12) 1,3-Dichlorobenzene	6.54	146	452950	40.41	ng	99
13) 1,4-Dichlorobenzene	6.62	146	460950	40.19	ng	100
14) 1,2-Dichlorobenzene	6.76	146	446971	44.51	ng	98
15) Benzyl Alcohol	6.78	79	43567	5.03	ng	92
16) 2,2'-oxybis(1-Chloropropan	6.89	45	943133	41.81	ng	74
17) 2-Methylphenol	6.89	107	305334	35.26	ng	# 75
18) Hexachloroethane	7.10	117	180066	41.07	ng	96
19) n-Nitroso-di-n-propylamine	7.03	70	357591	40.47	ng	# 66
20) 3+4-Methylphenols	7.05	107	431780	37.80	ng	# 60
22) Acetophenone	7.02	105	681905	45.32	ng	# 98
24) Nitrobenzene	7.19	77	506476	37.60	ng	94
25) Isophorone	7.43	82	991916	43.92	ng	97
26) 2-Nitrophenol	7.51	139	251424	45.06	ng	# 78
27) 2,4-Dimethylphenol	7.56	122	356313	37.42	ng	87
28) bis(2-Chloroethoxy)methane	7.64	93	211273	17.04	ng	99
29) 2,4-Dichlorophenol	7.76	162	395970	47.19	ng	95
30) 1,2,4-Trichlorobenzene	7.83	180	400022	42.96	ng	97
31) Naphthalene	7.91	128	1381727	45.99	ng	99
32) Benzoic acid	7.74	122	268879	47.37	ng	# 80
34) Hexachlorobutadiene	8.02	225	222446	42.10	ng	99
35) Caprolactam	8.36	113	89249m	31.94	ng	
36) 4-Chloro-3-methylphenol	8.48	107	414482	40.95	ng	92
37) 2-Methylnaphthalene	8.59	142	844123m	43.93	ng	
39) 1,2,4,5-Tetrachlorobenzene	8.76	216	380776	52.78	ng	# 97
40) Hexachlorocyclopentadiene	8.75	237	317384	110.59	ng	94
42) 2,4,6-Trichlorophenol	8.89	196	262630	56.13	ng	94
43) 2,4,5-Trichlorophenol	8.95	196	243052	50.00	ng	95

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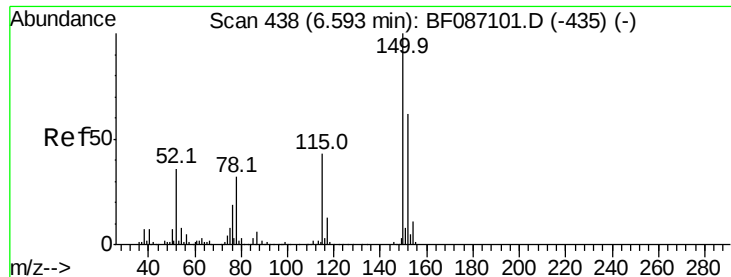
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1'-Biphenyl	9.06	154	1035709	50.57	nq	96
46) 2-Chloronaphthalene	9.08	162	806131	51.27	nq	93
47) 2-Nitroaniline	9.20	65	121875	20.23	nq	92
48) Acenaphthylene	9.50	152	714167	29.74	nq	99
49) Dimethylphthalate	9.38	163	1099818	58.36	nq	100
50) 2,6-Dinitrotoluene	9.44	165	205468	50.22	nq	# 75
51) Acenaphthene	9.67	154	715137	47.67	nq	99
53) 2,4-Dinitrophenol	9.72	184	254876	107.01	nq	# 79
54) Dibenzofuran	9.84	168	1058591	54.57	nq	93
55) 4-Nitrophenol	9.80	139	191260m	66.31	nq	
56) 2,4-Dinitrotoluene	9.85	165	319630	60.99	nq	# 75
57) Fluorene	10.18	166	877217	56.29	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.98	232	222387	58.74	nq	96
59) Diethylphthalate	10.07	149	984530	54.73	nq	99
60) 4-Chlorophenyl-phenylether	10.18	204	422848	57.24	nq	# 77
61) 4-Nitroaniline	10.23	138	46460	10.62	nq	83
62) Azobenzene	10.33	77	908996	43.85	nq	84
64) 4,6-Dinitro-2-methylphenol	10.25	198	160807	45.79	nq	# 40
65) n-Nitrosodiphenylamine	10.30	169	87380	5.21	nq	99
66) 4-Bromophenyl-phenylether	10.66	248	260889	47.58	nq	96
67) Hexachlorobenzene	10.73	284	320435	50.40	nq	97
69) Pentachlorophenol	10.94	266	293801	123.01	nq	97
70) Phenanthrene	11.13	178	1314335	45.44	nq	100
71) Anthracene	11.19	178	1294551	44.25	nq	100
72) Carbazole	11.35	167	65571	2.45	nq	97
73) Di-n-butylphthalate	11.69	149	1605286	52.30	nq	100
74) Fluoranthene	12.32	202	1364618	47.09	nq	94
77) Pylene	12.54	202	802334	33.25	nq	99
79) Butylbenzylphthalate	13.18	149	439074	43.11	nq	98
80) Benzo(a)anthracene	13.73	228	917622	47.52	nq	99
82) Chrysene	13.77	228	1042901	55.82	nq	100
83) Bis(2-ethylhexyl)phthalate	13.74	149	856125	69.06	nq	98
84) Di-n-octyl phthalate	14.34	149	1415548	66.29	nq	# 84
85) Indeno(1,2,3-cd)pyrene	16.33	276	414658	25.28	nq	98
87) Benzo(b)fluoranthene	14.73	252	957245m	687.40	nq	
88) Benzo(k)fluoranthene	14.75	252	593268m	572.25	nq	
89) Benzo(a)pyrene	15.04	252	369651	317.56	nq	96
90) Dibenzo(a,h)anthracene	16.34	278	631525	644.39	nq	96
91) Benzo(g,h,i)perylene	16.70	276	332341	335.75	nq	93

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.59 min Scan# 438

Delta R.T. -0.01 min

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BNA_F

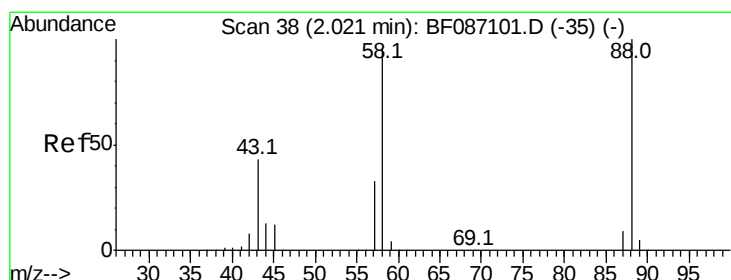
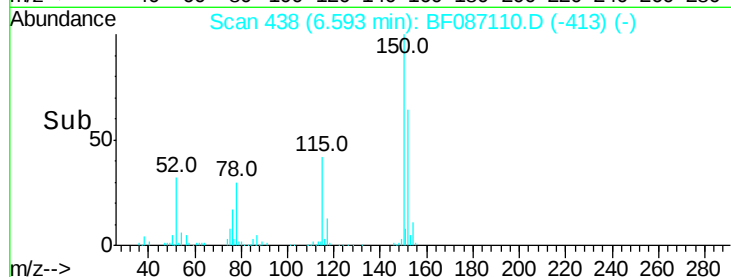
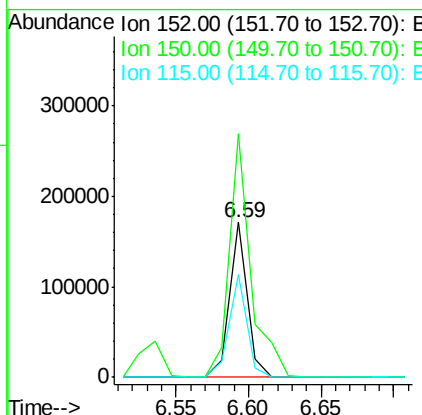
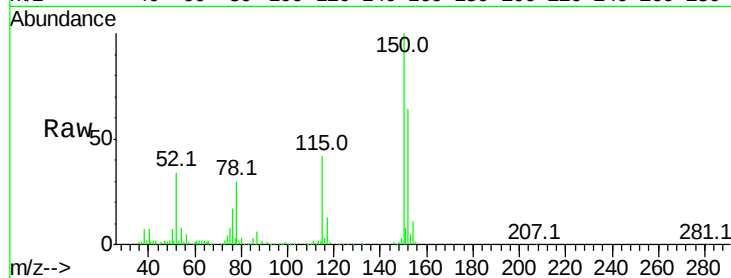
ClientSampleId :

HSR-WC-44-051216MSD

Tot Ion:	152	Resp:	145683
Ion Ratio	Lower	Upper	
152	100		
150	157.3	125.8	188.6
115	66.2	51.5	77.3

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#2

1,4-Dioxane

Concen: 34.32 ng

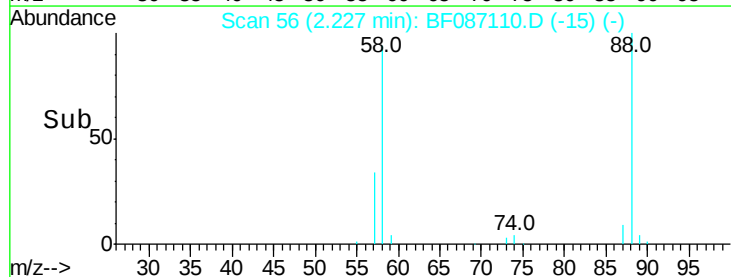
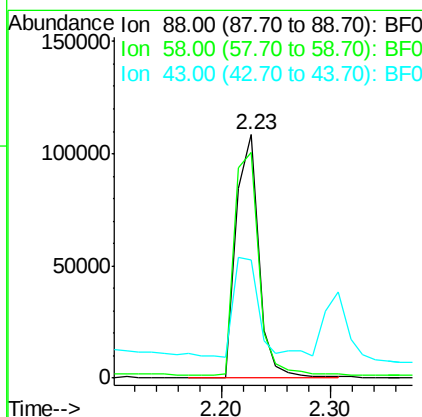
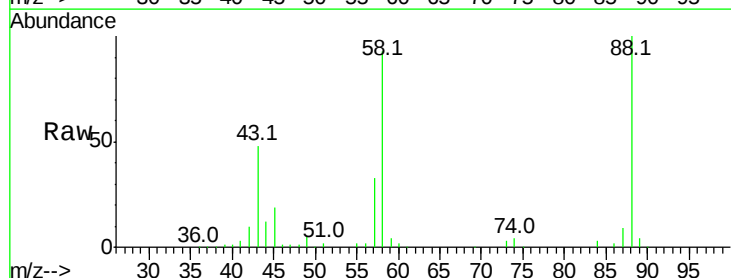
RT: 2.23 min Scan# 56

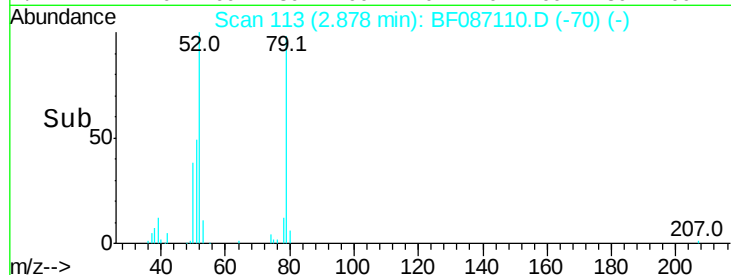
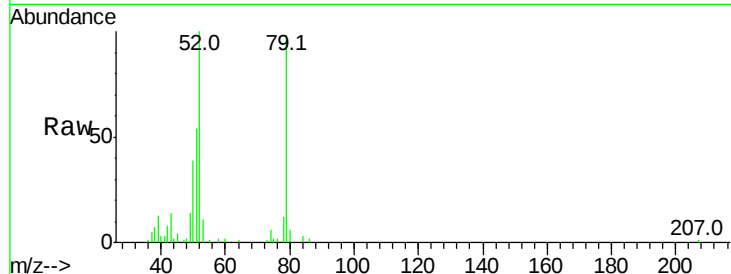
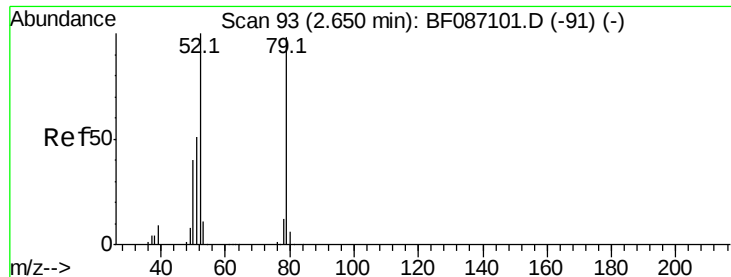
Delta R.T. 0.17 min

Lab File: BF087110.D

Acq: 17 May 2016 19:03

Tgt Ion:	88	Resp:	153009
Ion Ratio	Lower	Upper	
88	100		
58	99.0	59.6	89.4#
43	0.0	21.8	32.6#





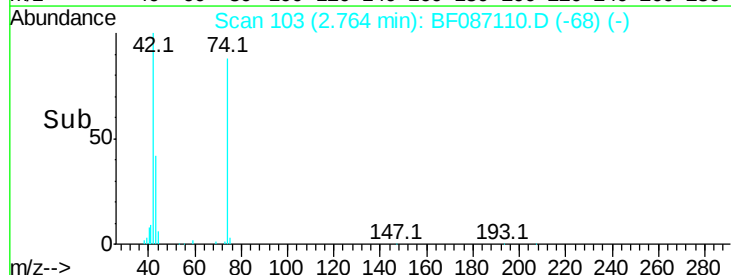
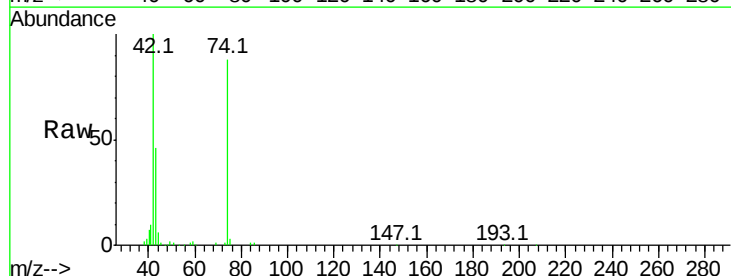
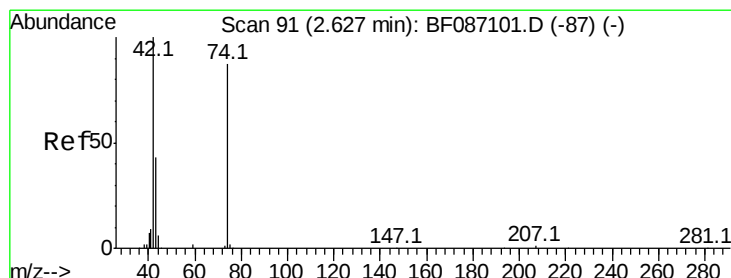
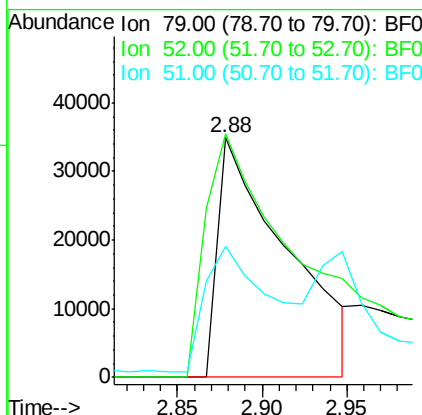
#3
Pvridine
Concen: 9.19 ng/ml
RT: 2.88 min Scan# 113
Delta R.T. 0.19 min
Lab File: BF087110.D
Acq: 17 May 2016 19:03

Tot Ion	Ratio	Lower	Upper
79	100		
52	101.7	55.9	83.9#
51	54.5	28.1	42.1#

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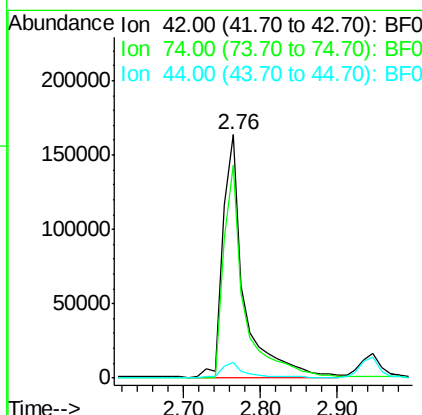
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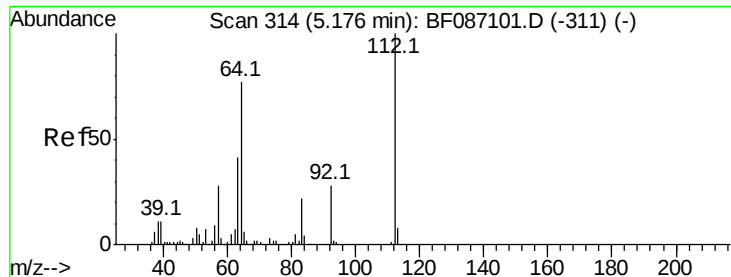
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#4
n-Nitrosodimethylamine
Concen: 41.17 ng
RT: 2.76 min Scan# 103
Delta R.T. 0.10 min
Lab File: BF087110.D
Acq: 17 May 2016 19:03

Tgt Ion	Ratio	Lower	Upper
42	100		
74	87.6	123.4	185.0#
44	6.4	5.8	8.6





#5

2-Fluorophenol

Concen: 126.79 ng

RT: 5.20 min Scan# 316

Delta R.T. 0.00 min

Lab File: BF087110.D

Acq: 17 May 2016 19:03

Instrument :

BNA_F

ClientSampleId :

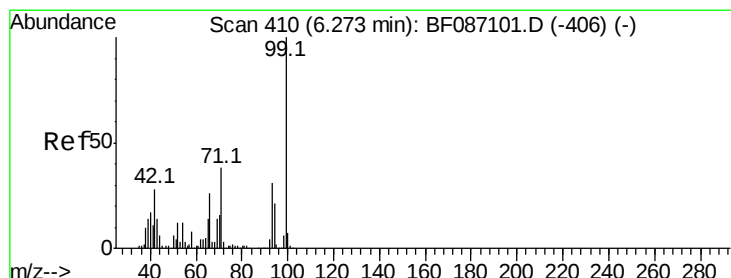
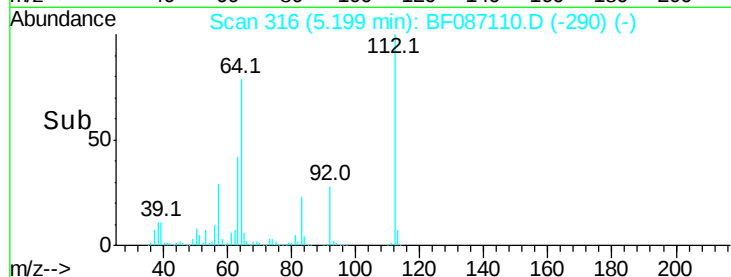
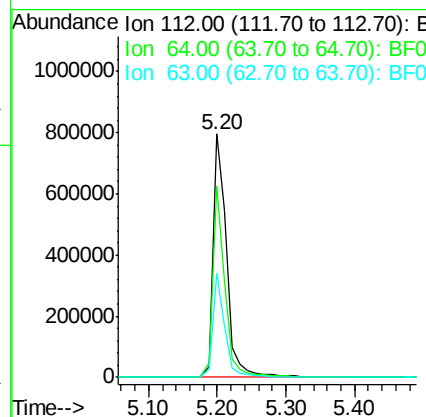
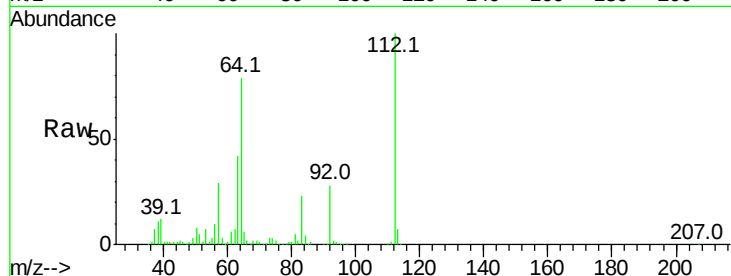
HSR-WC-44-051216MSD

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Tot Ion:	112	Resp:	1098943
Ion Ratio	Lower	Upper	
112	100		
64	78.6	52.1	78.1#
63	42.5	25.7	38.5#



#7

Phenol-d6

Concen: 109.53 ng

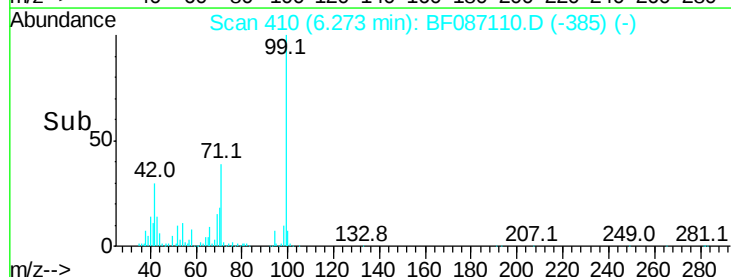
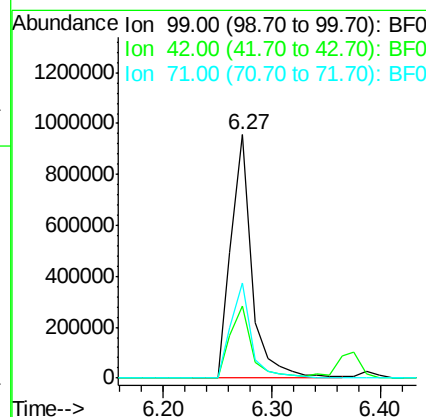
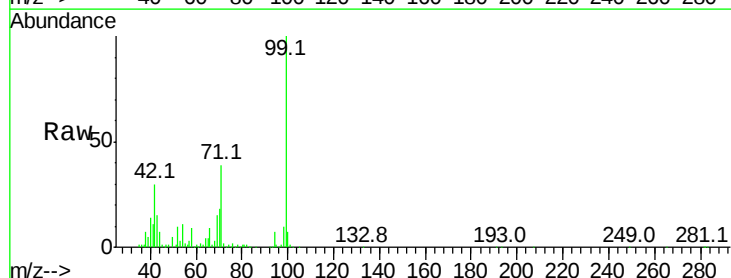
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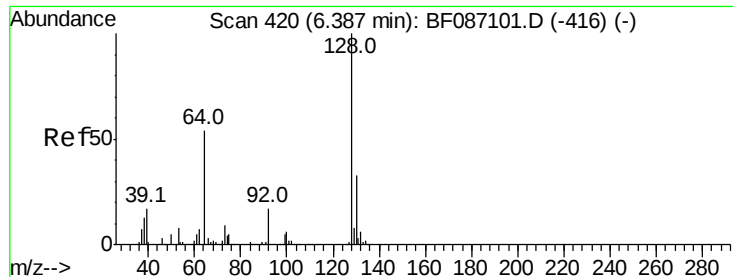
Delta R.T. -0.01 min

Lab File: BF087110.D

Acq: 17 May 2016 19:03

Tgt Ion:	99	Resp:	1273200
Ion Ratio	Lower	Upper	
99	100		
42	29.8	13.6	20.4#
71	38.9	24.6	36.8#





#8

2-Chlorophenol

Concen: 42.88 ng

RT: 6.39 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF087110.D

Acq: 17 May 2016 19:03

Instrument :

BNA_F

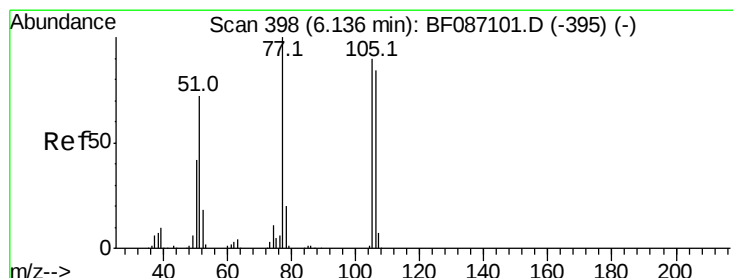
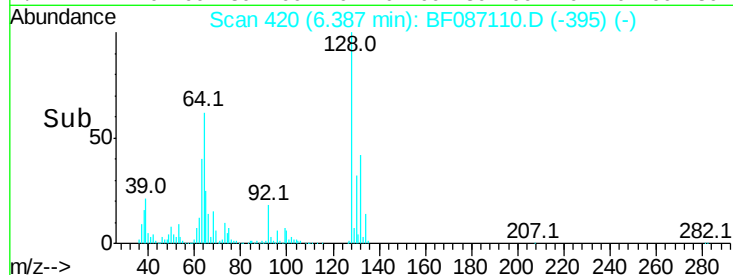
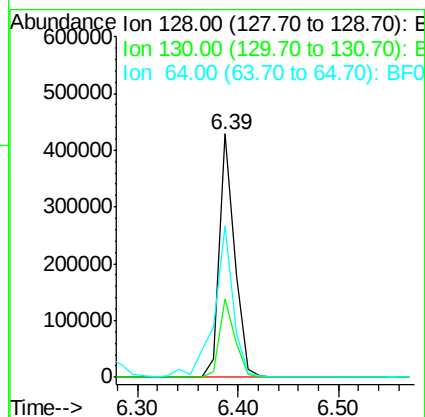
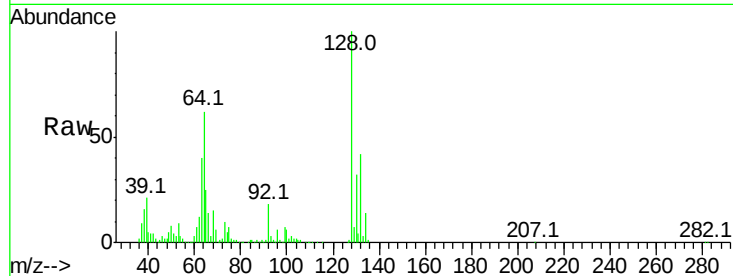
ClientSampleId :

HSR-WC-44-051216MSD

Tot Ion:	128	Resp:	452169
Ion Ratio	Lower	Upper	
128	100		
130	32.0	12.5	52.5
64	62.2	27.3	67.3

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#9

Benzaldehyde

Concen: 4.37 ng

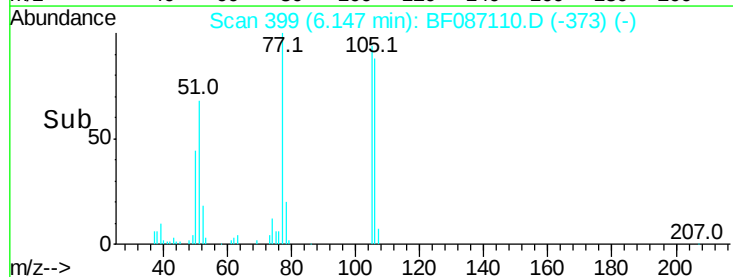
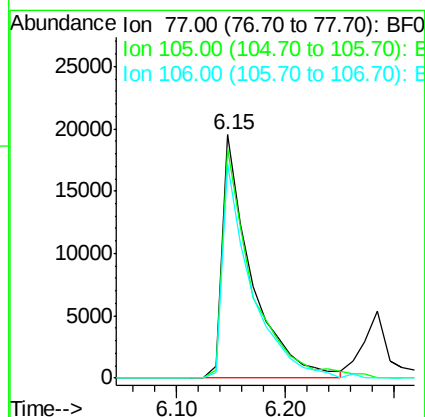
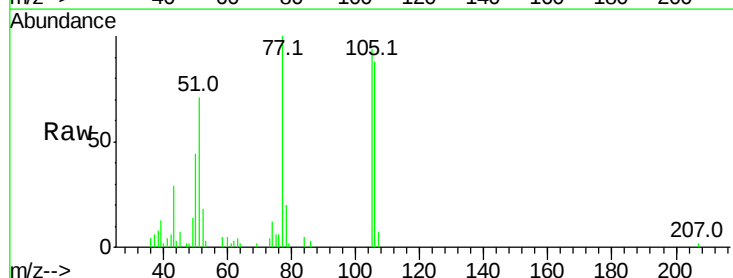
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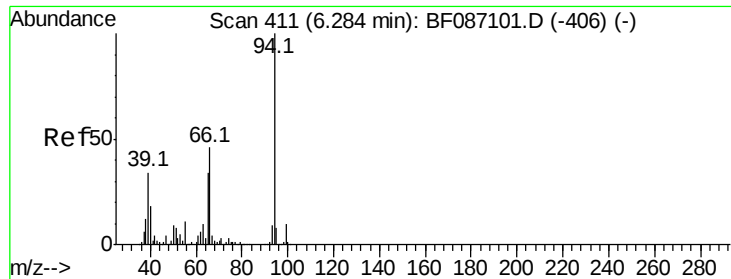
Delta R.T. 0.00 min

Lab File: BF087110.D

Acq: 17 May 2016 19:03

Tgt Ion:	77	Resp:	36217
Ion Ratio	Lower	Upper	
77	100		
105	94.1	72.7	112.7
106	87.8	70.8	110.8





#10

Phenol

Concen: 35.42 ng

RT: 6.28 min Scan# 411

Delta R.T. -0.01 min

Lab File: BF087110.D

Acq: 17 May 2016 19:03

Instrument :

BNA_F

ClientSampleId :

HSR-WC-44-051216MSD

Tot Ion: 94 Resp: 517612

Ion Ratio Lower Upper

94 100

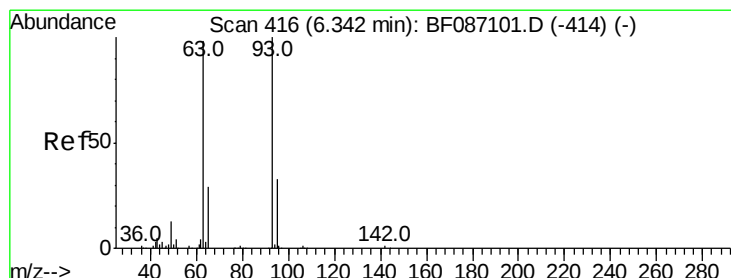
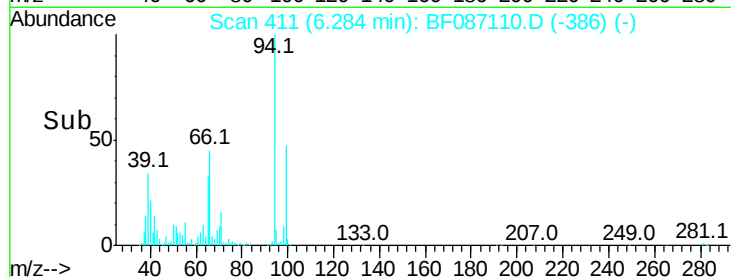
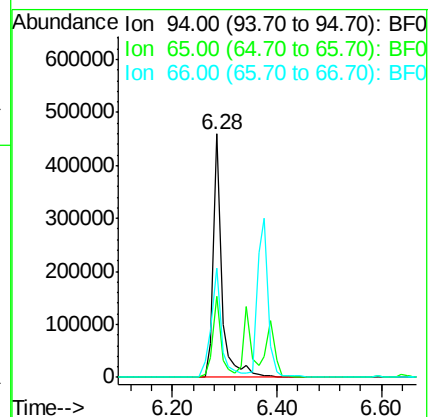
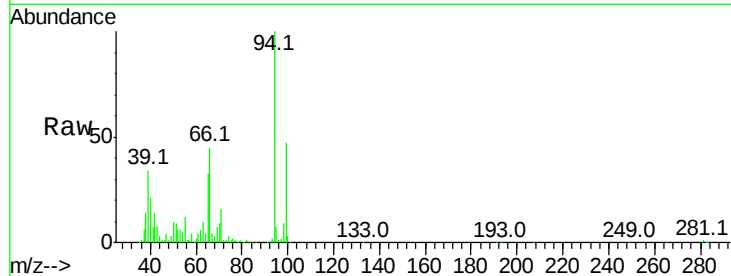
65 33.4 7.2 47.2

66 44.9 14.9 54.9

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#11

bis(2-Chloroethyl)ether

Concen: 40.95 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF087110.D

Acq: 17 May 2016 19:03

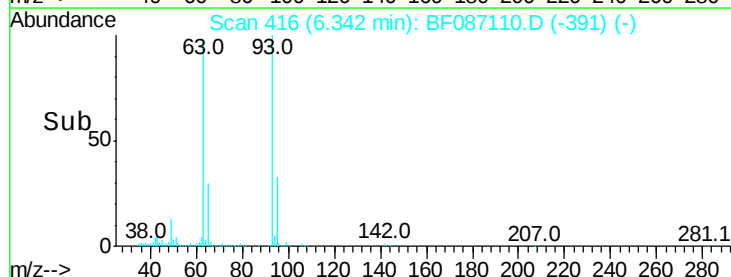
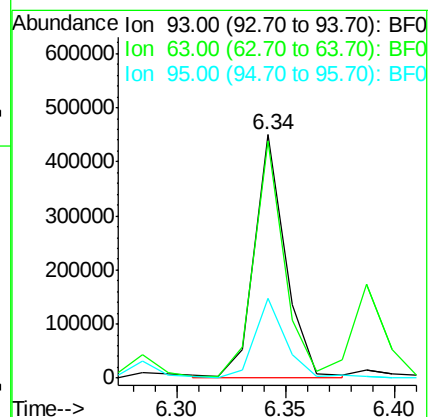
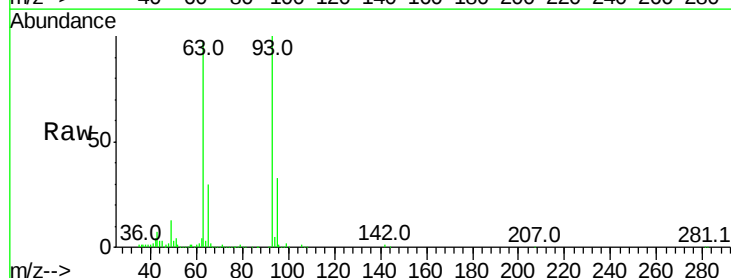
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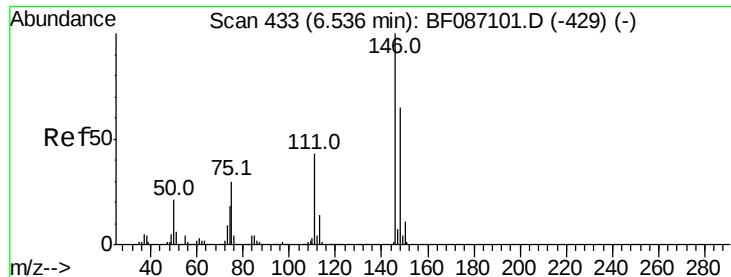
Ion Ratio Lower Upper

93 100

63 97.2 58.0 98.0

95 32.7 11.9 51.9





#12

1,3-Dichlorobenzene

Concen: 40.41 ng

RT: 6.54 min Scan# 433

Delta R.T. -0.01 min

Lab File: BF087110.D

Acq: 17 May 2016 19:03

Instrument :

BNA_F

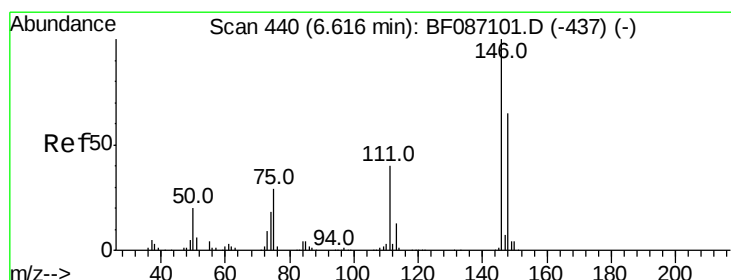
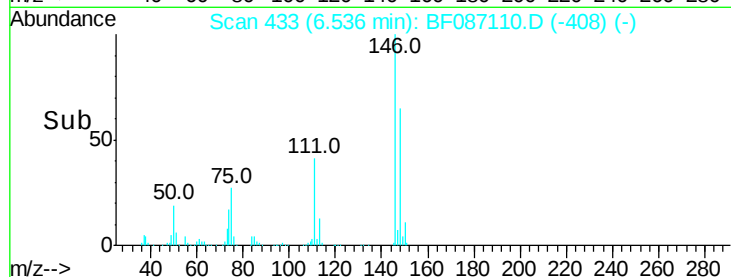
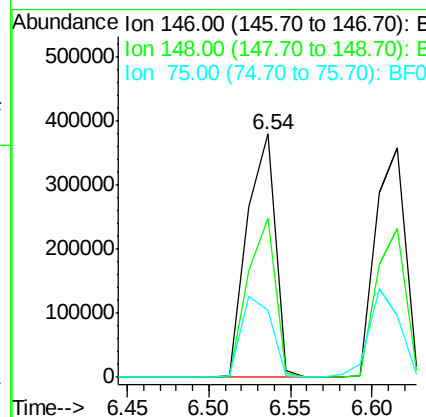
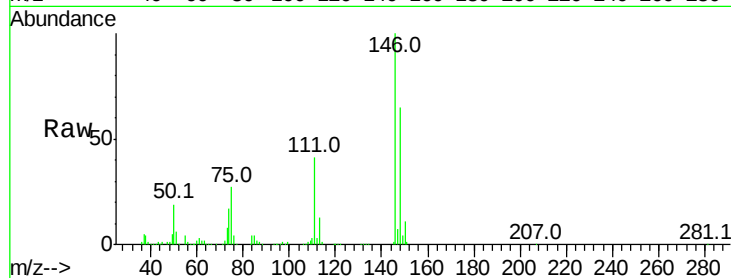
ClientSampleId :

HSR-WC-44-051216MSD

Tot Ion:	146	Resp:	452950
Ion Ratio	Lower	Upper	
146	100		
148	65.2	52.4	78.6
75	27.5	22.8	34.2

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#13

1,4-Dichlorobenzene

Concen: 40.19 ng

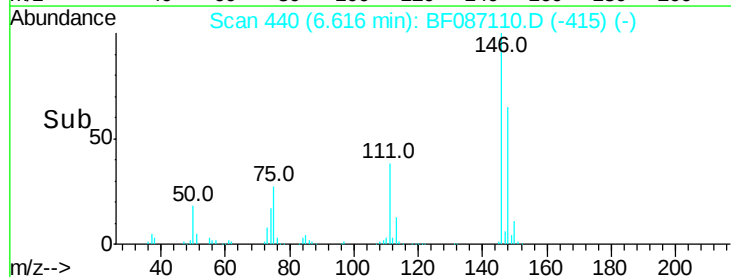
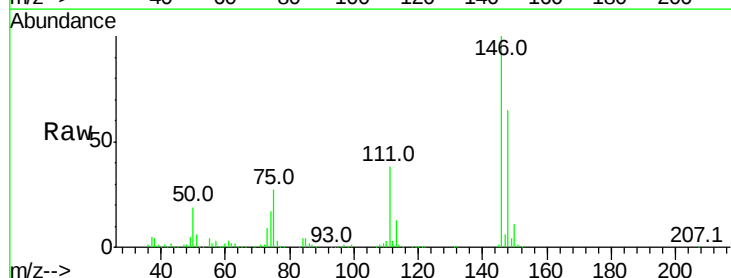
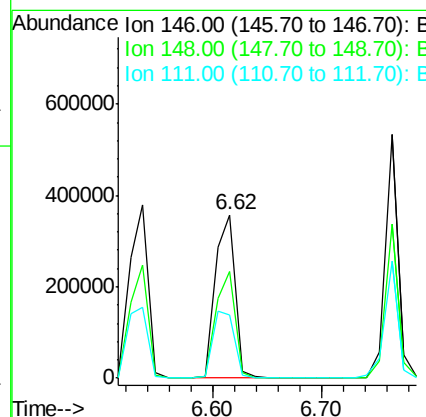
RT: 6.62 min Scan# 440

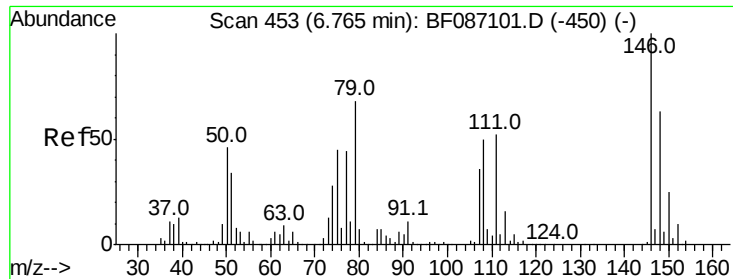
Delta R.T. -0.01 min

Lab File: BF087110.D

Acq: 17 May 2016 19:03

Tgt Ion:	146	Resp:	460950
Ion Ratio	Lower	Upper	
146	100		
148	64.8	52.2	78.4
111	38.5	30.7	46.1





#14

1,2-Dichlorobenzene

Concen: 44.51 ng

RT: 6.76 min Scan# 453

Delta R.T. -0.01 min

Lab File: BF087110.D

Acq: 17 May 2016 19:03

Instrument :

BNA_F

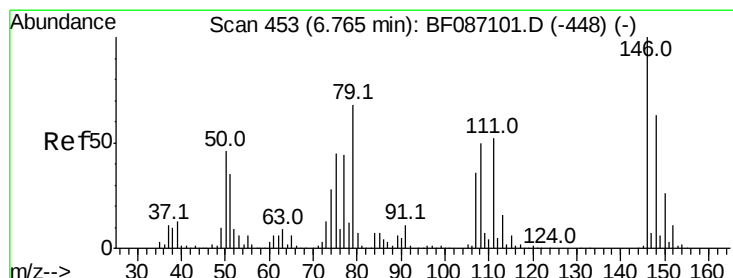
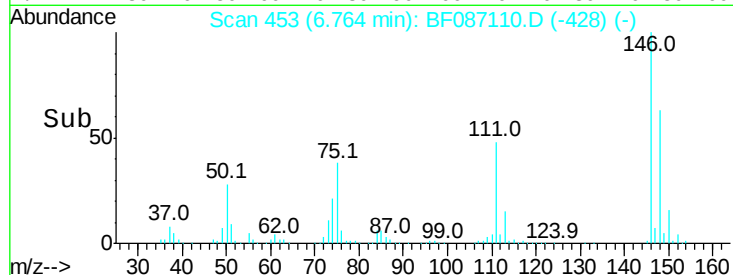
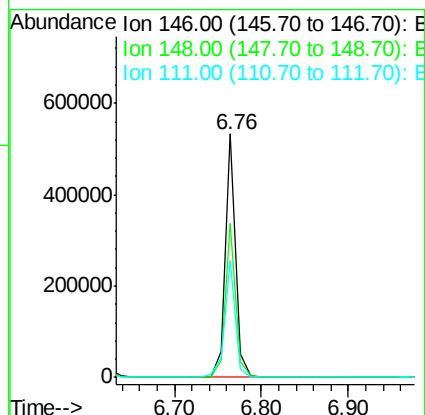
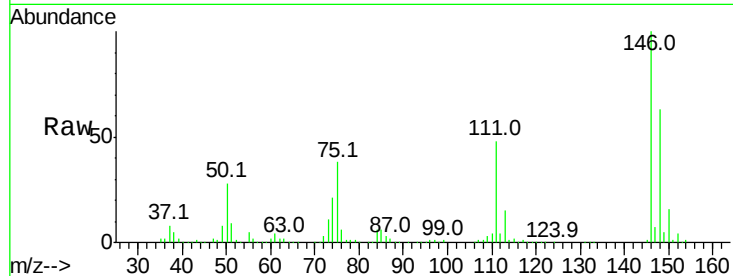
ClientSampleId :

HSR-WC-44-051216MSD

Tot Ion:	146	Resp:	446971
Ion Ratio	Lower	Upper	
146	100		
148	63.3	51.0	76.6
111	47.9	36.2	54.4

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#15

Benzyl Alcohol

Concen: 5.03 ng

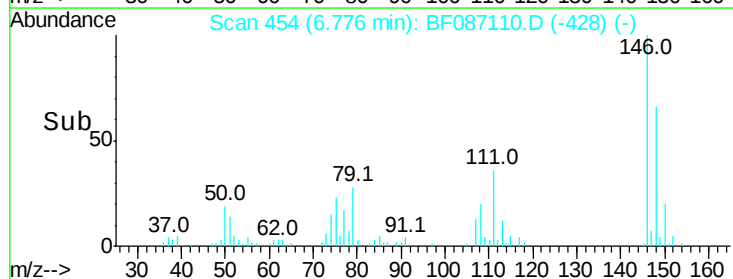
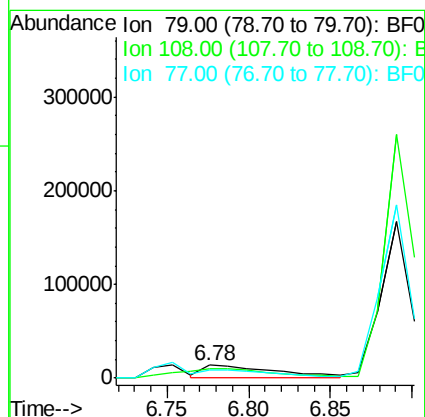
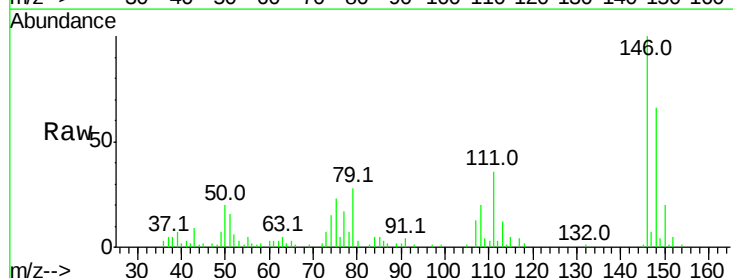
RT: 6.78 min Scan# 454

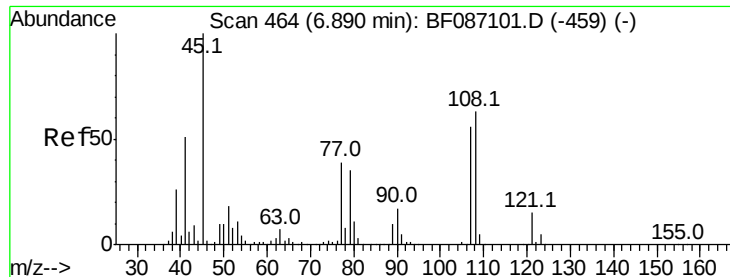
Delta R.T. 0.00 min

Lab File: BF087110.D

Acq: 17 May 2016 19:03

Tgt Ion:	79	Resp:	43567
Ion Ratio	Lower	Upper	
79	100		
108	73.8	68.4	102.6
77	62.7	50.6	76.0





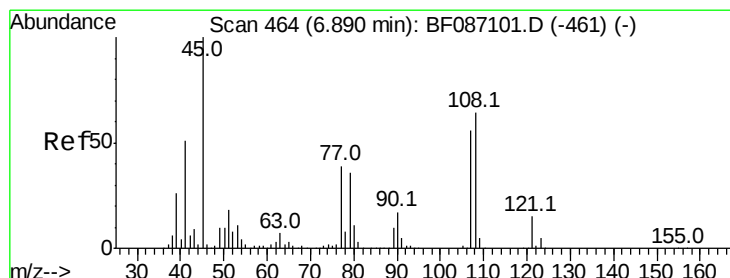
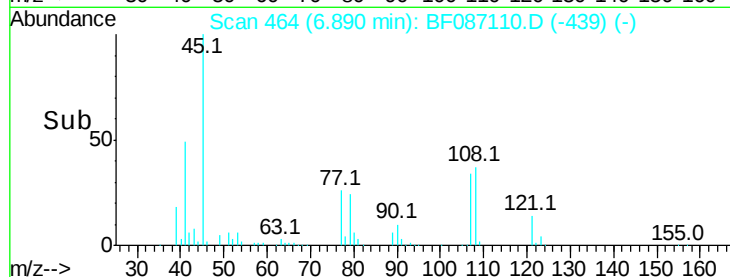
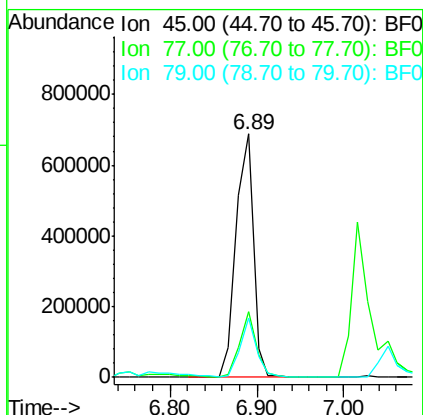
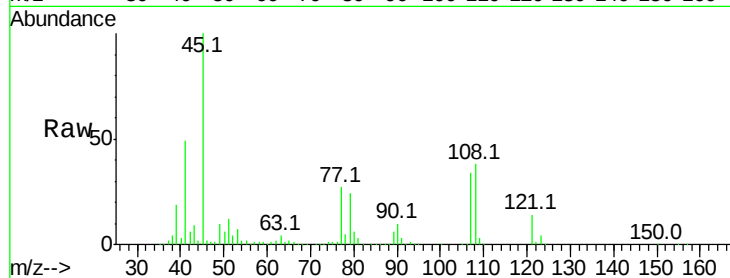
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 41.81 ng
RT: 6.89 min Scan# 464
Delta R.T. -0.01 min
Lab File: BF087110.D
Acq: 17 May 2016 19:03

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

Tot Ion	Ratio	Resp Lower	Upper
45	100		
77	26.8	0.0	36.4
79	24.3	0.0	33.4

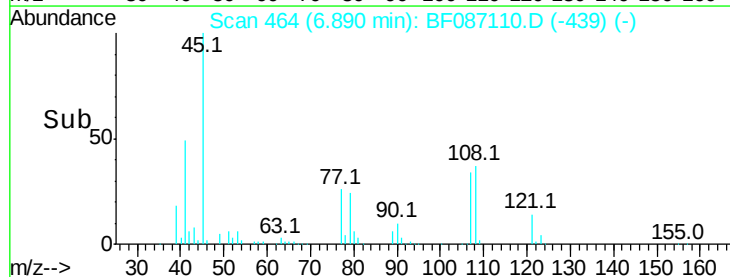
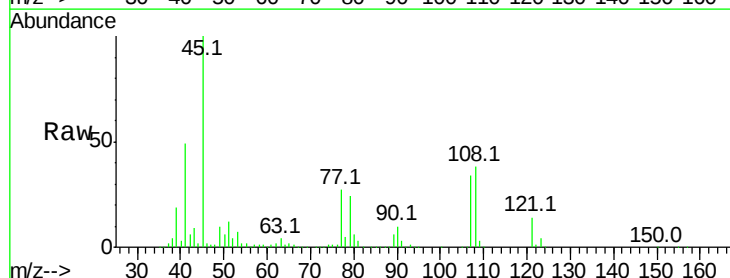
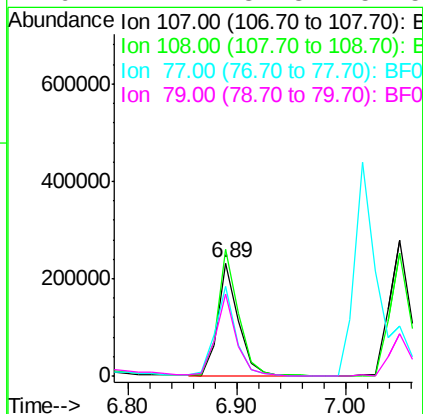
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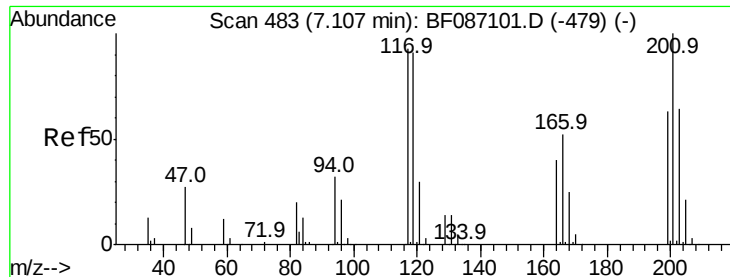
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#17
2-Methylphenol
Concen: 35.26 ng
RT: 6.89 min Scan# 464
Delta R.T. -0.01 min
Lab File: BF087110.D
Acq: 17 May 2016 19:03

Tgt Ion	Ratio	Resp Lower	Upper
107	100		
108	111.9	93.7	140.5
77	79.3	33.4	50.0#
79	72.1	34.3	51.5#





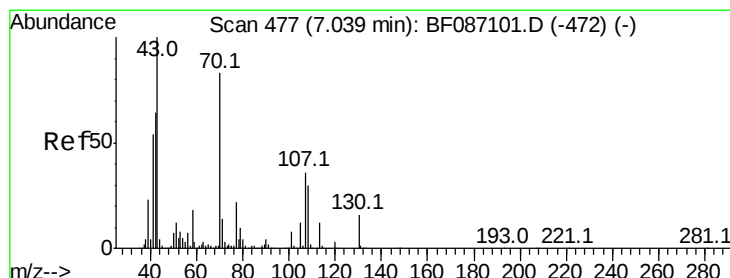
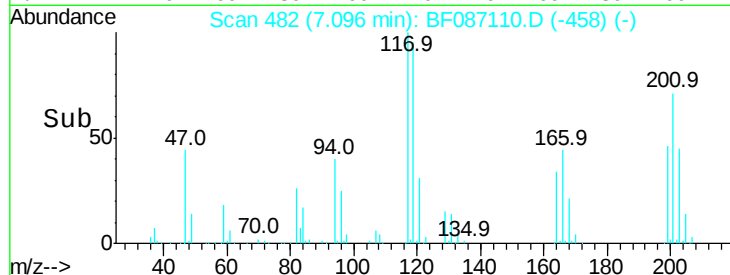
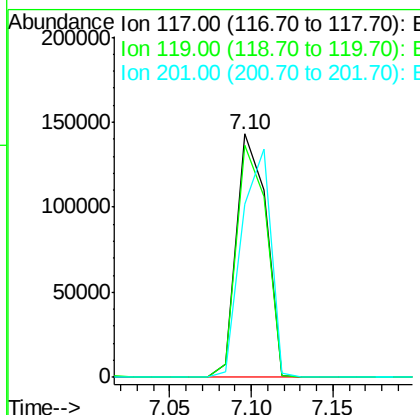
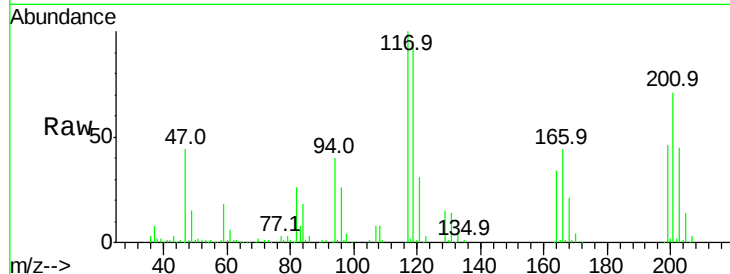
#18
Hexachloroethane
Concen: 41.07 ng
RT: 7.10 min Scan# 482
Delta R.T. -0.02 min
Lab File: BF087110.D
Acq: 17 May 2016 19:03

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

Tot Ion	Ratio	Resp	Lower	Upper
117	100	180066		
119	95.4	76.5	114.7	
201	71.0	63.0	94.6	

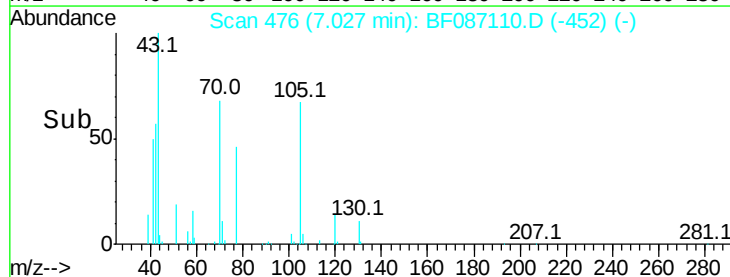
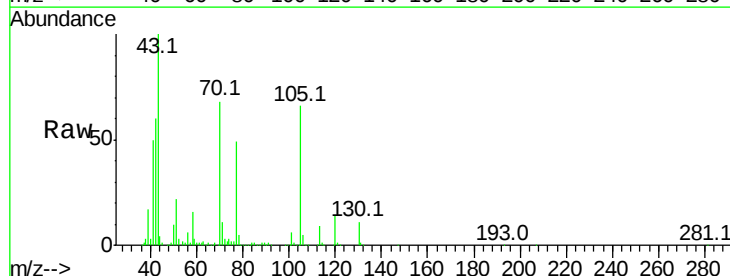
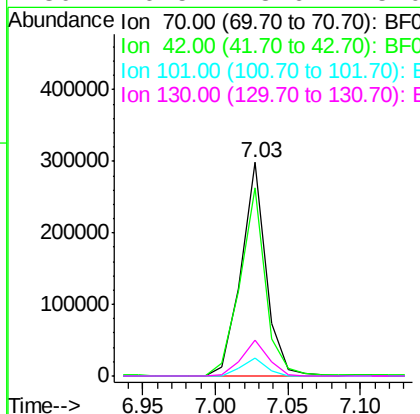
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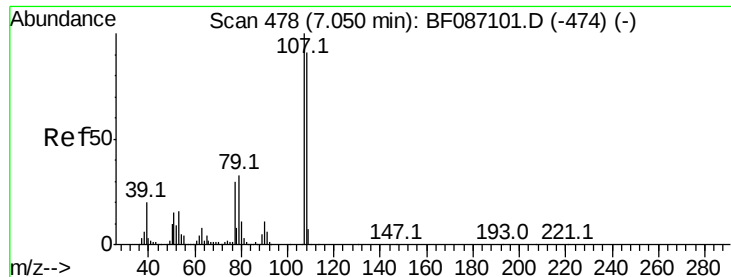
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#19
n-Nitroso-di-n-propylamine
Concen: 40.47 ng
RT: 7.03 min Scan# 476
Delta R.T. -0.02 min
Lab File: BF087110.D
Acq: 17 May 2016 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	357591		
42	88.4	43.1	64.7#	
101	8.5	8.1	12.1	
130	16.5	18.6	28.0#	





#20

3+4-Methylphenols

Concen: 37.80 ng

RT: 7.05 min Scan# 478

Delta R.T. -0.01 min

Lab File: BF087110.D

Acq: 17 May 2016 19:03

Instrument :

BNA_F

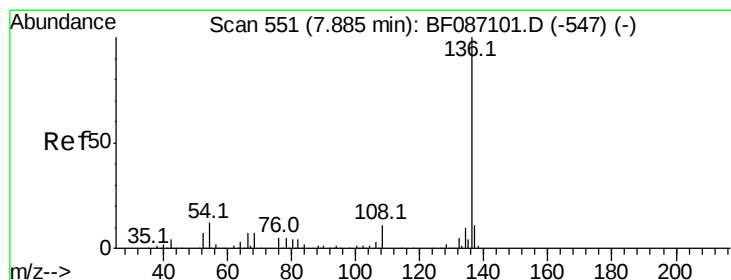
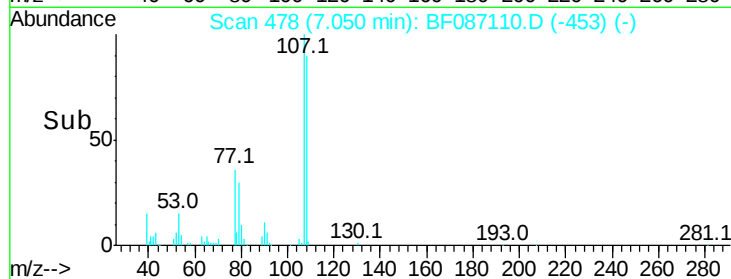
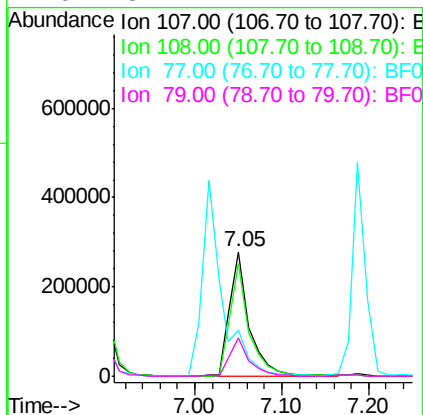
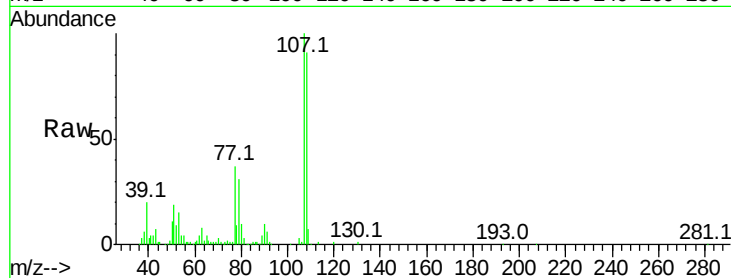
ClientSampleId :

HSR-WC-44-051216MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	90.5	68.5	108.5		
77	36.6	101.6	141.6#		
79	31.1	7.4	47.4		

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#21

Naphthalene-d8

Concen: 20.00 ng

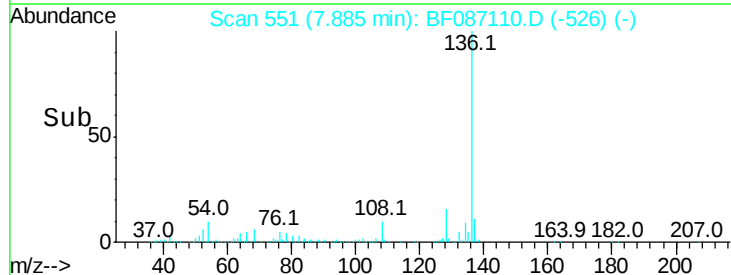
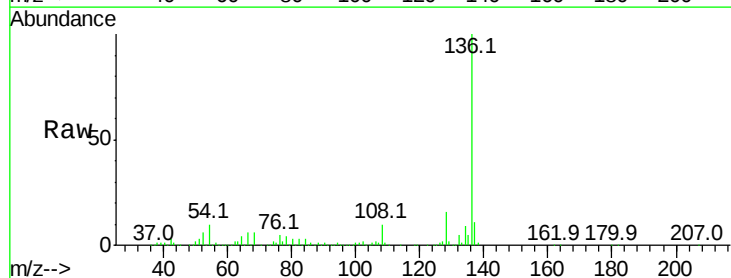
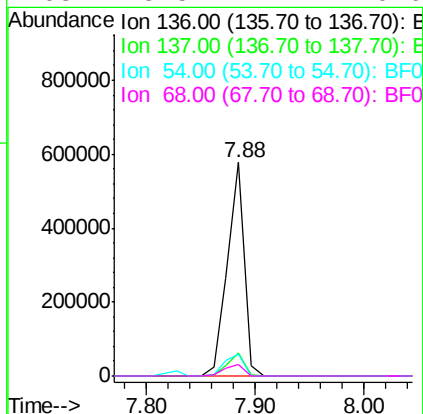
RT: 7.88 min Scan# 551

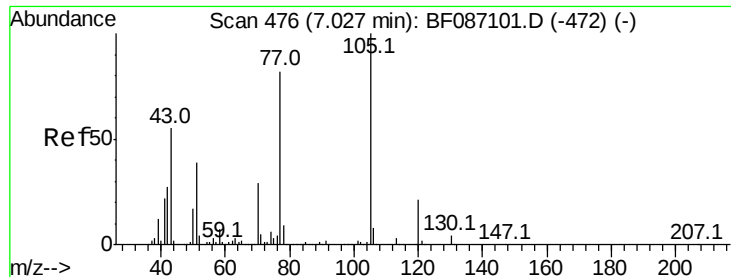
Delta R.T. -0.01 min

Lab File: BF087110.D

Acq: 17 May 2016 19:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	10.9	8.8	13.2		
54	10.0	5.0	7.4#		
68	5.5	4.4	6.6		





#22

Acetophenone

Concen: 45.32 ng

RT: 7.02 min Scan# 475

Delta R.T. -0.02 min

Lab File: BF087110.D

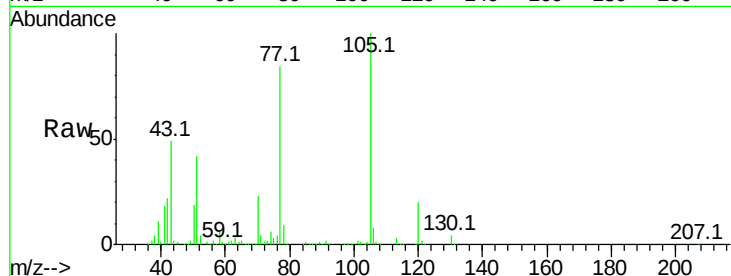
Acq: 17 May 2016 19:03

Instrument :

BNA_F

ClientSampleId :

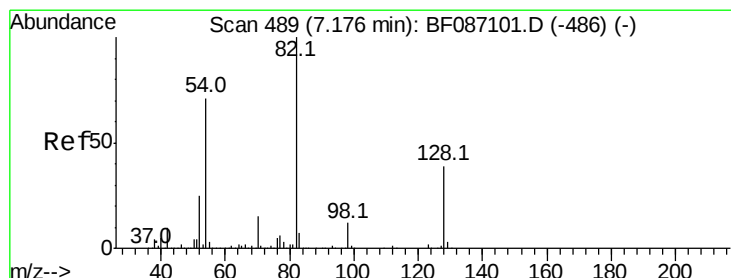
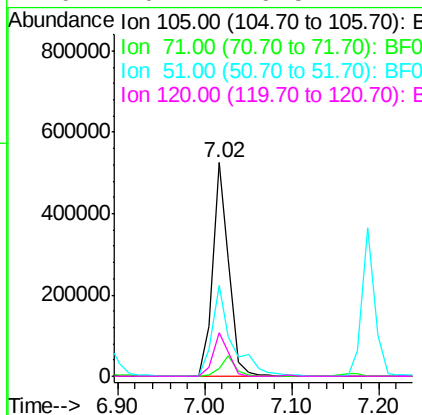
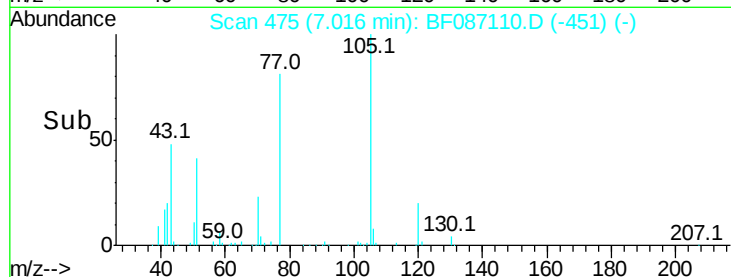
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
105	105	100	681905		
71	71	3.9	4.8	7.2#	
51	51	42.3	32.6	49.0	
120	120	20.2	16.5	24.7	

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#23

Nitrobenzene-d5

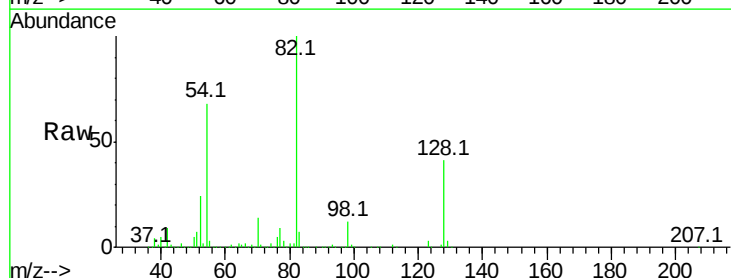
Concen: 91.65 ng

RT: 7.18 min Scan# 489

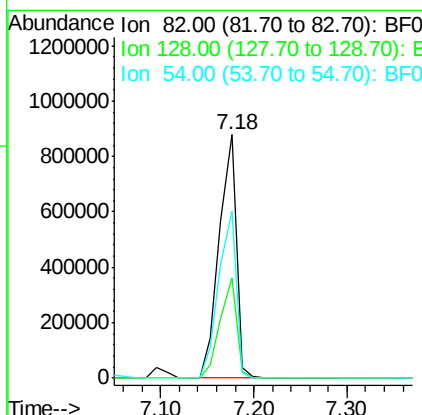
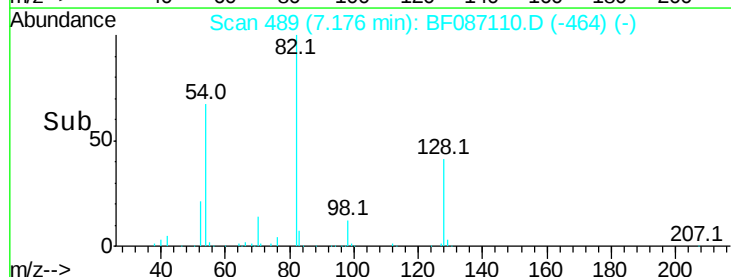
Delta R.T. -0.01 min

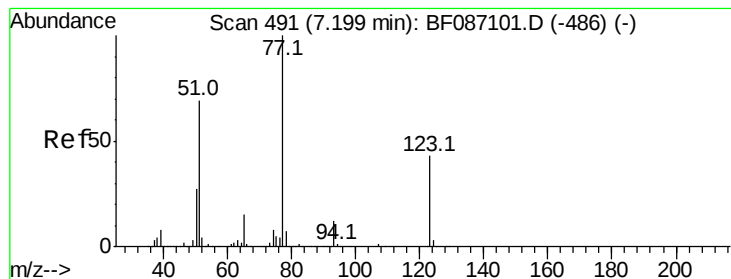
Lab File: BF087110.D

Acq: 17 May 2016 19:03



Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	82	100	1130650		
128	128	41.0	40.6	61.0	
54	54	68.4	38.1	57.1#	





#24

Nitrobenzene

Concen: 37.60 ng

RT: 7.19 min Scan# 490

Delta R.T. -0.02 min

Lab File: BF087110.D

Acq: 17 May 2016 19:03

Instrument :

BNA_F

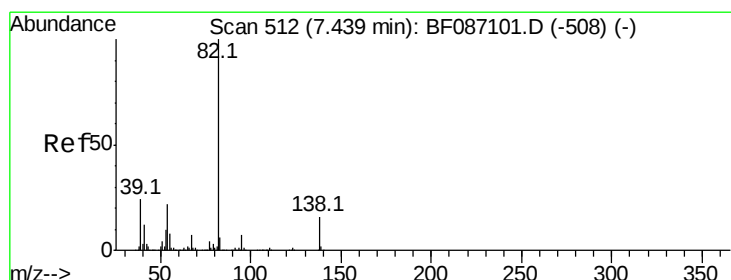
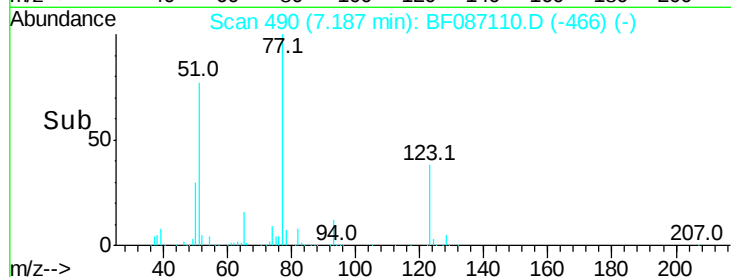
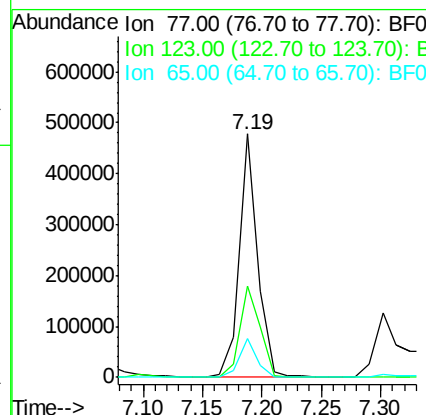
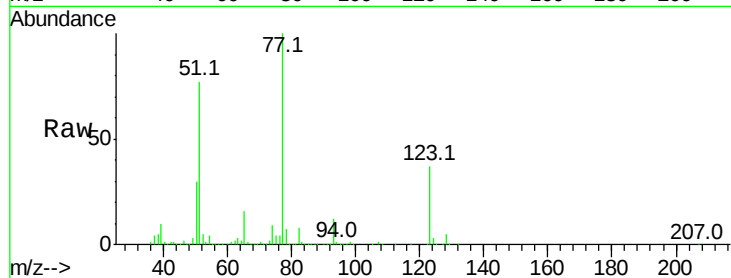
ClientSampleId :

HSR-WC-44-051216MSD

Tot Ion:	77	Resp:	506476
Ion Ratio	Lower	Upper	
77	100		
123	37.3	33.0	49.4
65	15.7	10.8	16.2

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#25

Isophorone

Concen: 43.92 ng

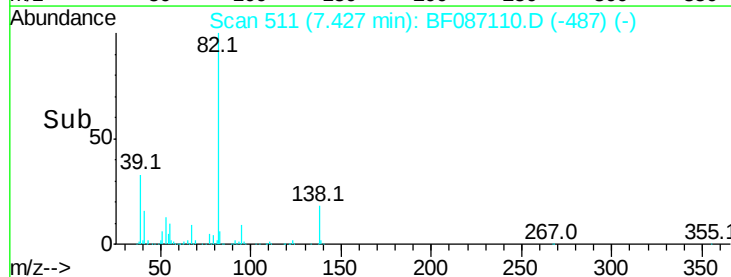
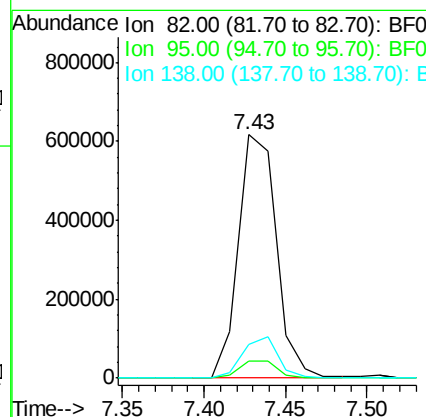
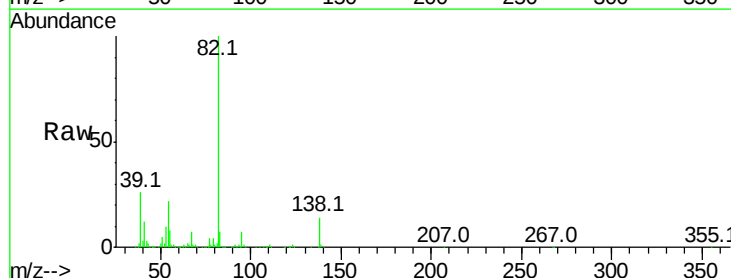
RT: 7.43 min Scan# 511

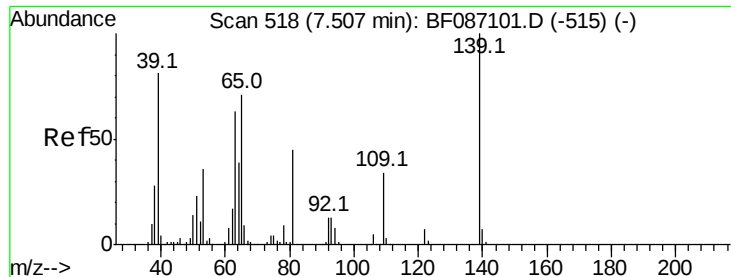
Delta R.T. -0.02 min

Lab File: BF087110.D

Acq: 17 May 2016 19:03

Tgt Ion:	82	Resp:	991916
Ion Ratio	Lower	Upper	
82	100		
95	7.2	5.1	7.7
138	14.1	12.4	18.6





#26

2-Nitrophenol

Concen: 45.06 ng

RT: 7.51 min Scan# 518

Delta R.T. -0.01 min

Lab File: BF087110.D

Acq: 17 May 2016 19:03

Instrument :

BNA_F

ClientSampleId :

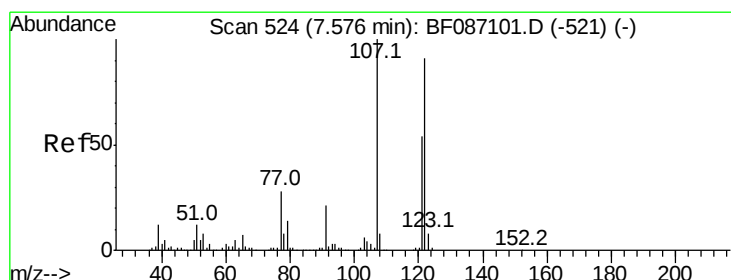
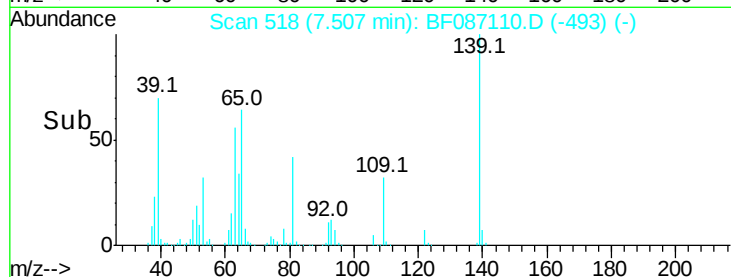
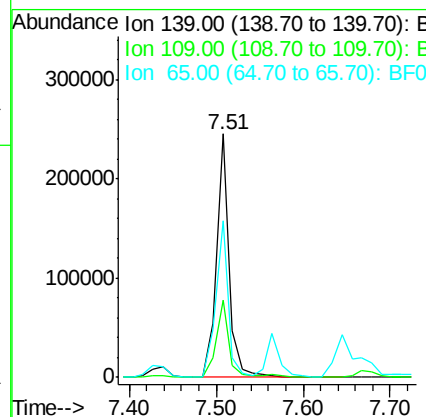
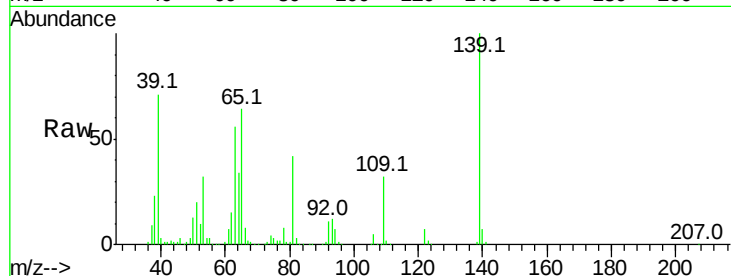
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Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	32.0	19.5	29.3#	
65	64.4	37.5	56.3#	



#27

2,4-Dimethylphenol

Concen: 37.42 ng

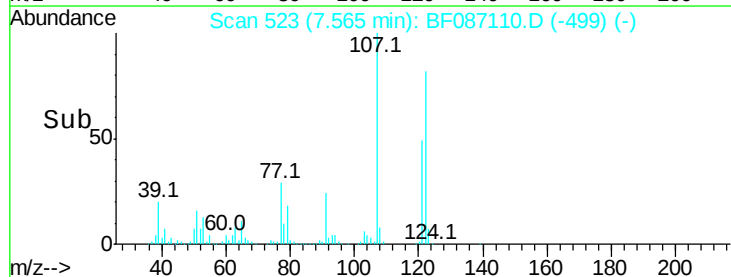
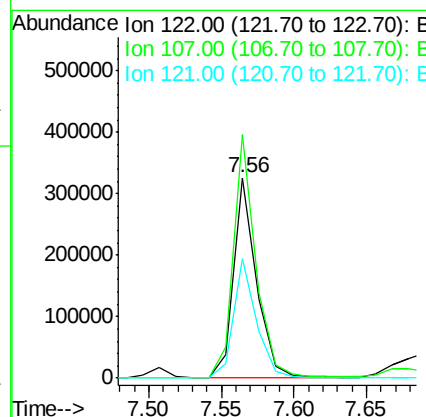
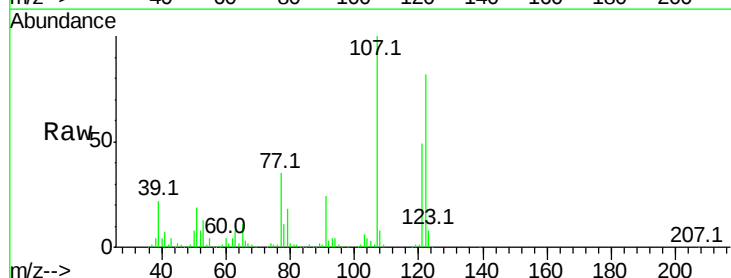
RT: 7.56 min Scan# 523

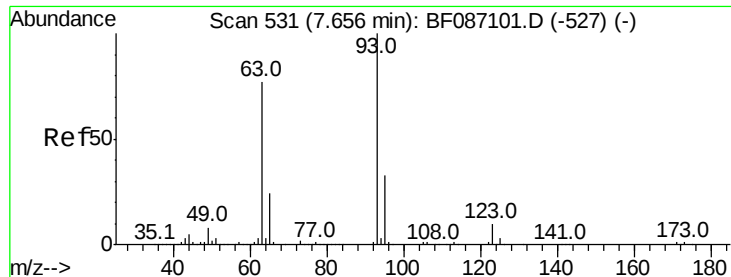
Delta R.T. -0.02 min

Lab File: BF087110.D

Acq: 17 May 2016 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
107	121.6	82.0	123.0	
121	59.4	46.1	69.1	





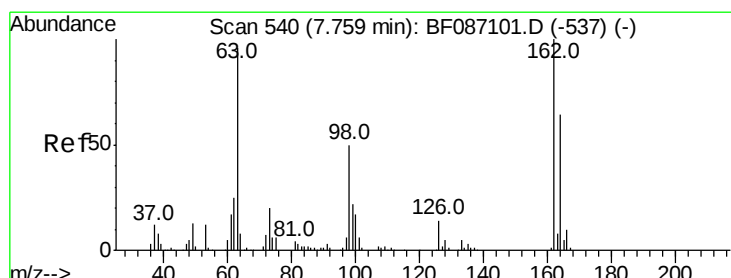
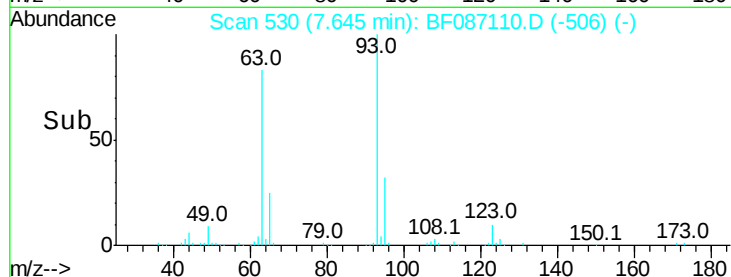
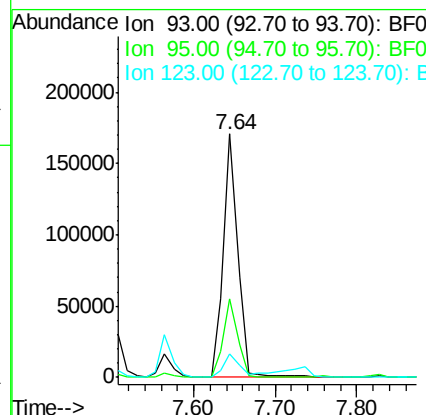
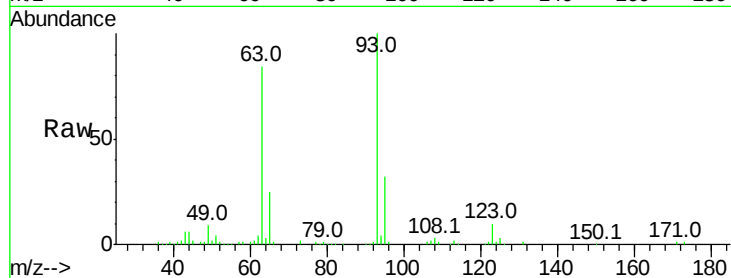
#28
bis(2-Chloroethoxy)methane
Concen: 17.04 ng
RT: 7.64 min Scan# 530
Delta R.T. -0.02 min
Lab File: BF087110.D
Acq: 17 May 2016 19:03

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

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
95	32.4	26.0	39.0	
123	9.9	9.5	14.3	

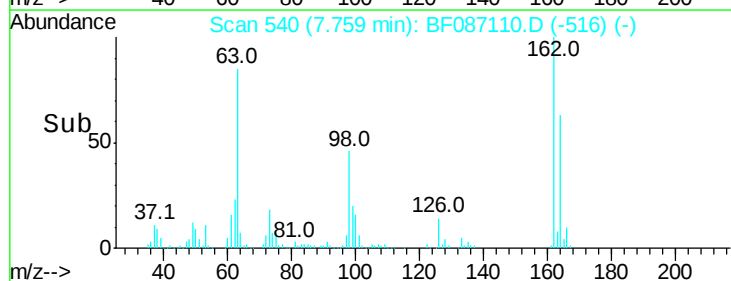
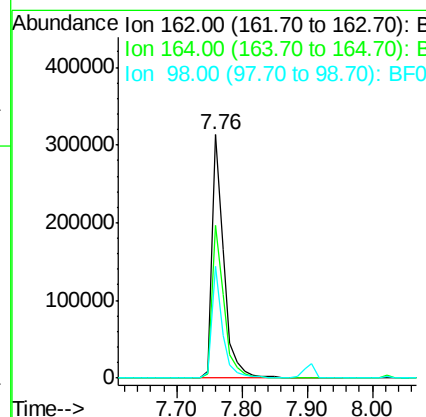
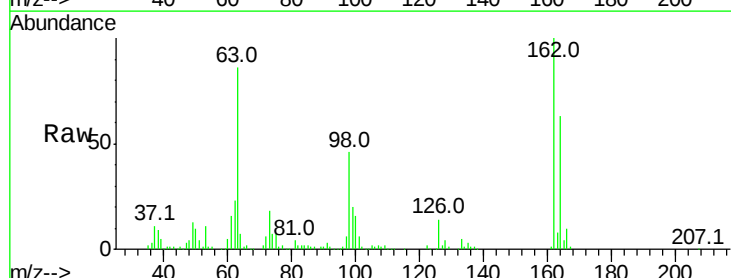
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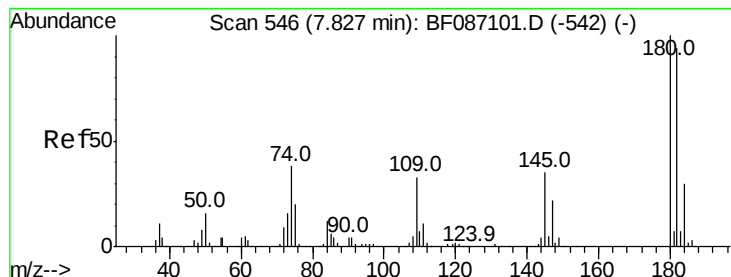
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#29
2,4-Dichlorophenol
Concen: 47.19 ng
RT: 7.76 min Scan# 540
Delta R.T. -0.02 min
Lab File: BF087110.D
Acq: 17 May 2016 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
164	62.8	42.2	82.2	
98	46.0	19.0	59.0	





#30

1,2,4-Trichlorobenzene

Concen: 42.96 ng

RT: 7.83 min Scan# 546

Delta R.T. -0.01 min

Lab File: BF087110.D

Acq: 17 May 2016 19:03

Instrument :

BNA_F

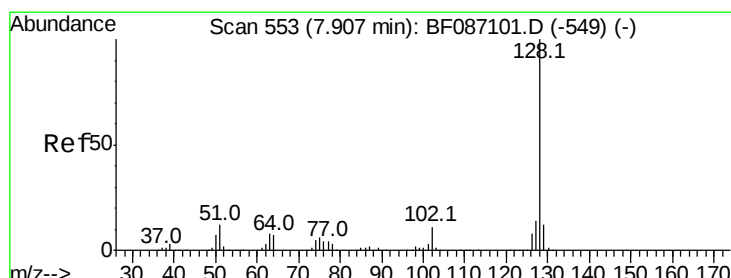
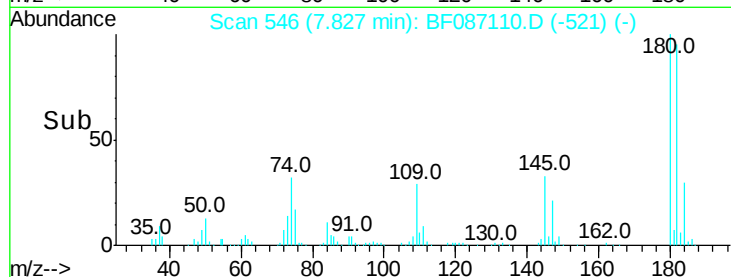
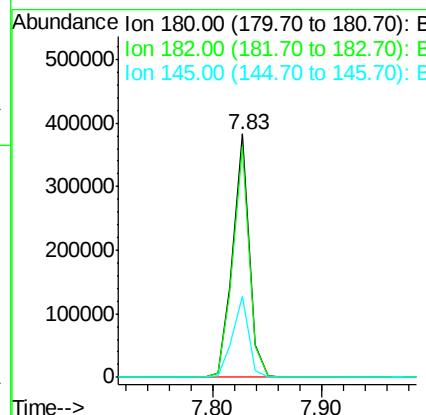
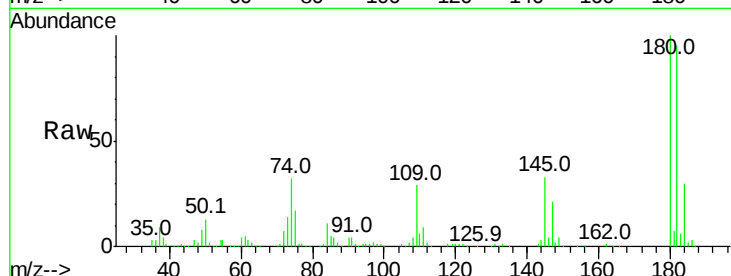
ClientSampleId :

HSR-WC-44-051216MSD

Tot Ion:	180	Resp:	400022
Ion Ratio	Lower	Upper	
180	100		
182	94.9	78.0	117.0
145	33.2	24.2	36.2

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#31

Naphthalene

Concen: 45.99 ng

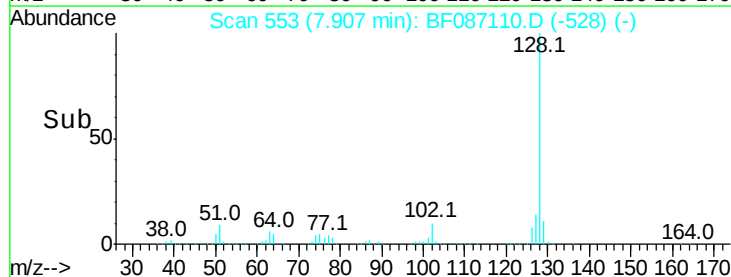
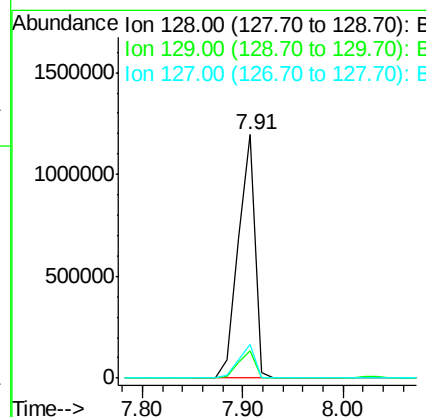
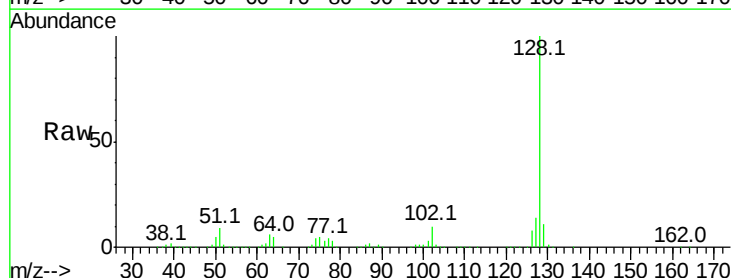
RT: 7.91 min Scan# 553

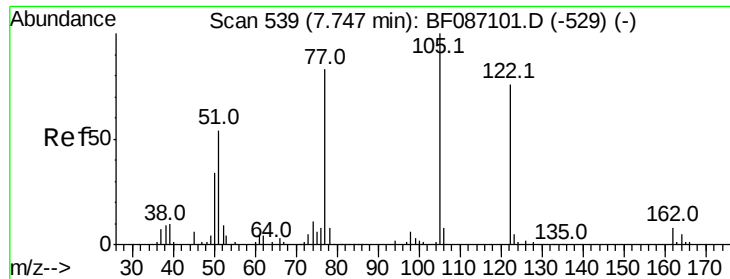
Delta R.T. -0.01 min

Lab File: BF087110.D

Acq: 17 May 2016 19:03

Tgt Ion:	128	Resp:	1381727
Ion Ratio	Lower	Upper	
128	100		
129	11.2	8.6	13.0
127	13.7	10.8	16.2





#32

Benzoic acid

Concen: 47.37 ng

RT: 7.74 min Scan# 538

Delta R.T. -0.01 min

Lab File: BF087110.D

Acq: 17 May 2016 19:03

Instrument :

BNA_F

ClientSampleId :

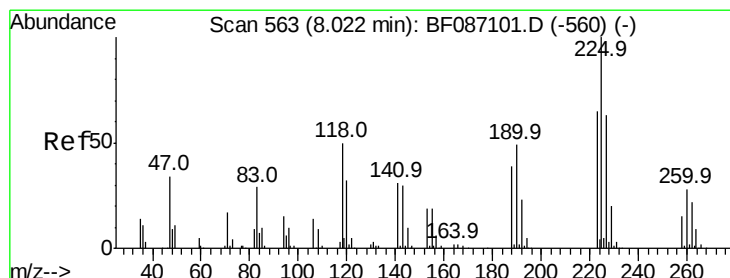
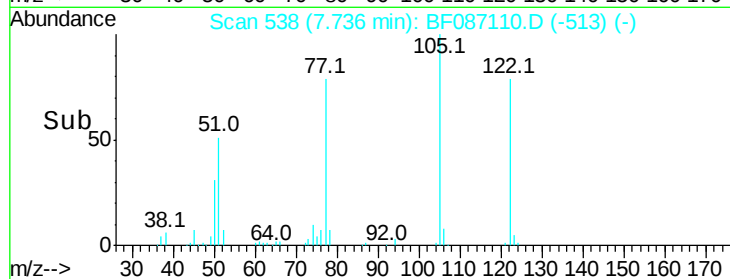
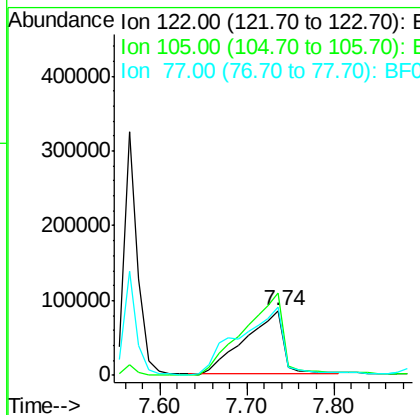
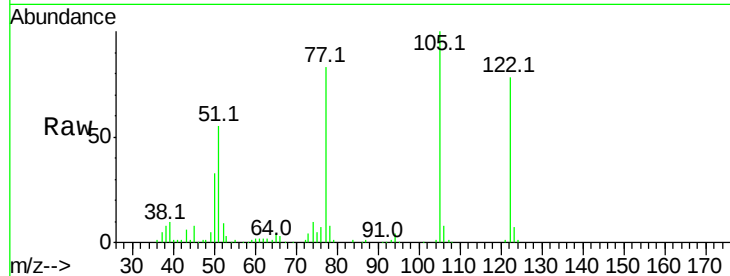
HSR-WC-44-051216MSD

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Tot Ion:	122	Resp:	268879
Ion Ratio	Lower	Upper	
122	100		
105	127.5	92.6	132.6
77	105.7	60.0	100.0



#34

Hexachlorobutadiene

Concen: 42.10 ng

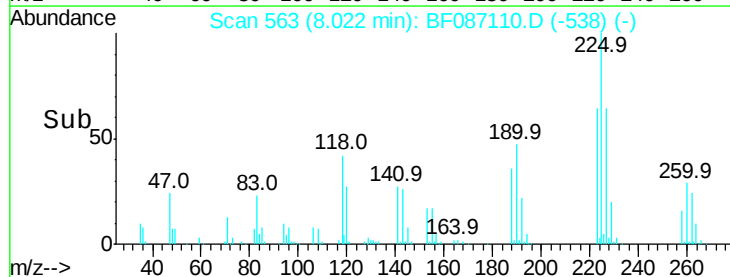
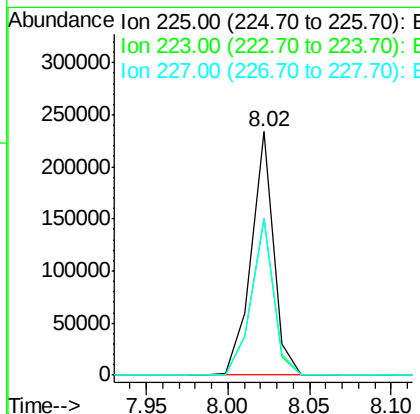
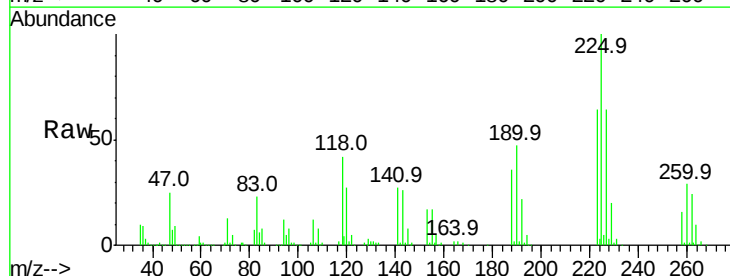
RT: 8.02 min Scan# 563

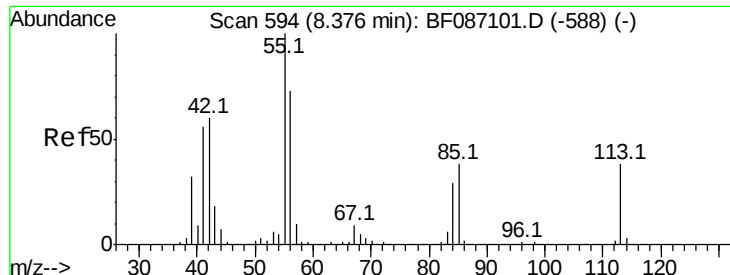
Delta R.T. -0.01 min

Lab File: BF087110.D

Acq: 17 May 2016 19:03

Tgt Ion:	225	Resp:	222446
Ion Ratio	Lower	Upper	
225	100		
223	64.2	51.5	77.3
227	64.4	52.2	78.2





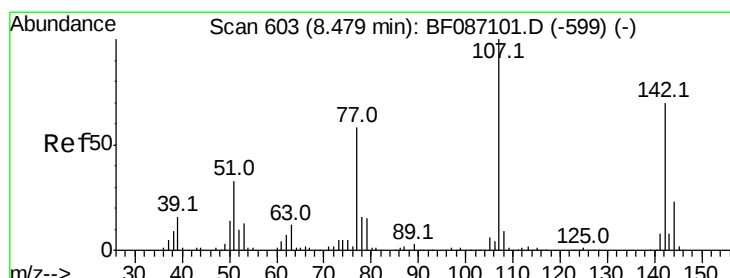
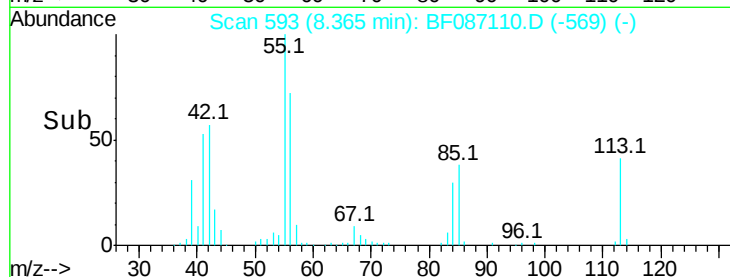
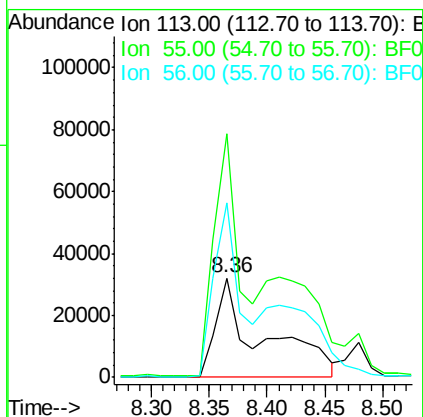
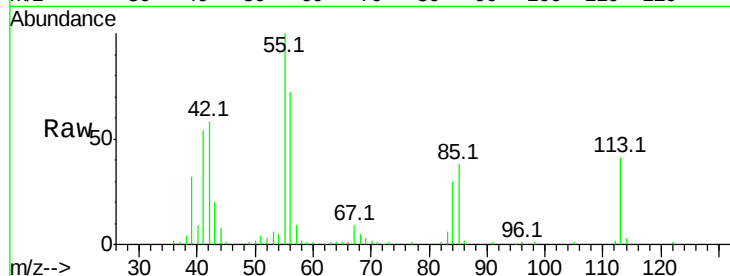
#35
 Caprolactam
 Concen: 31.94 ng/ml
 RT: 8.36 min Scan# 593
 Delta R.T. -0.02 min
 Lab File: BF087110.D
 Acq: 17 May 2016 19:03

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

Tot Ion	Ratio	Lower	Upper
113	100		
55	244.9	162.0	202.0#
56	175.2	115.3	155.3#

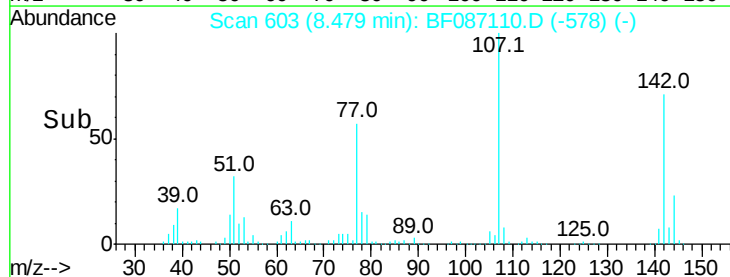
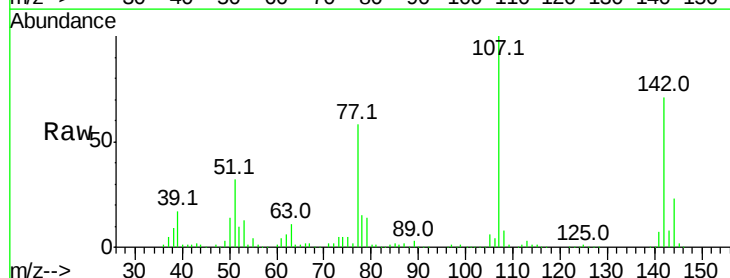
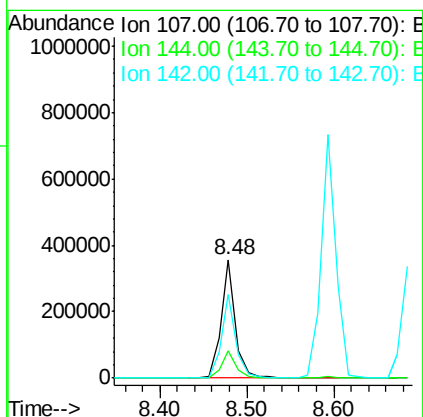
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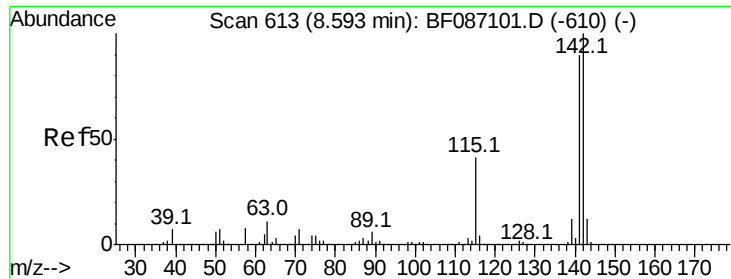
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#36
 4-Chloro-3-methylphenol
 Concen: 40.95 ng/ml
 RT: 8.48 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: BF087110.D
 Acq: 17 May 2016 19:03

Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.6	20.7	31.1
142	71.1	63.2	94.8





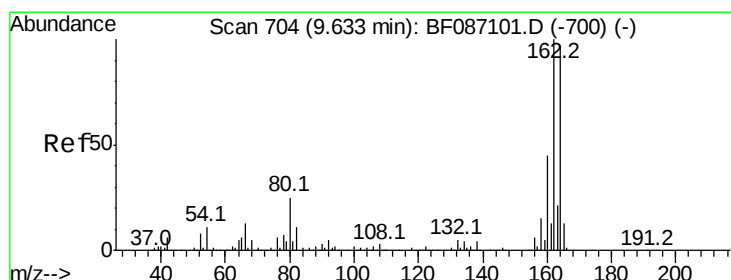
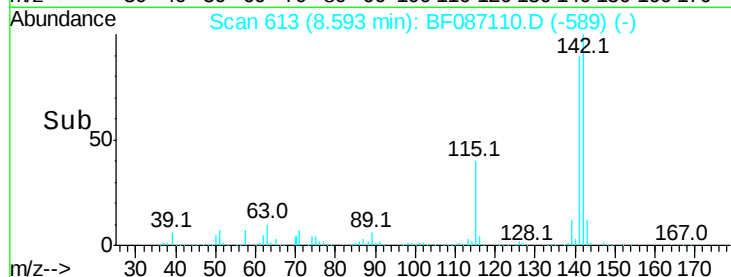
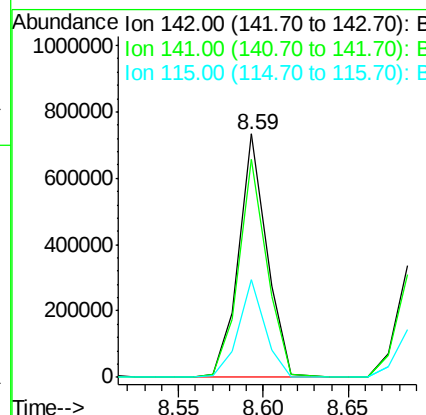
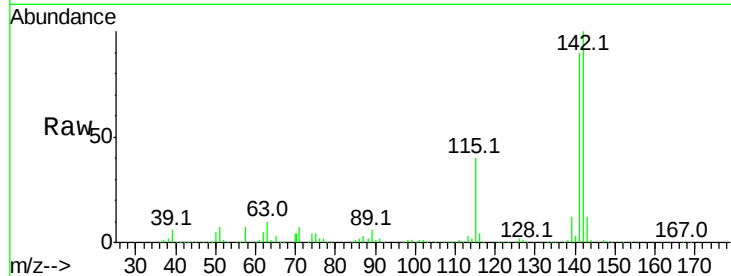
#37
2-Methylnaphthalene
Concen: 43.93 ng
RT: 8.59 min Scan# 613
Delta R.T. -0.02 min
Lab File: BF087110.D
Acq: 17 May 2016 19:03

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

Tot Ion	Ratio	Resp	Lower	Upper
142	100	844123		
141	89.7	71.0	106.6	
115	40.1	26.6	39.8	

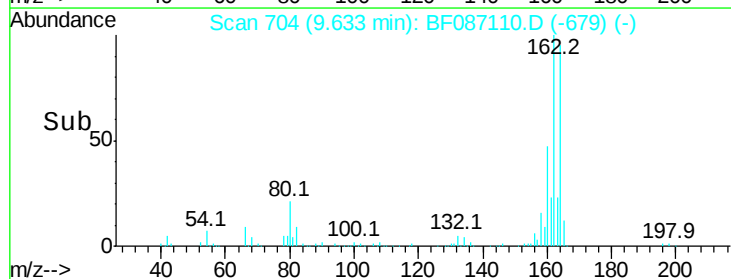
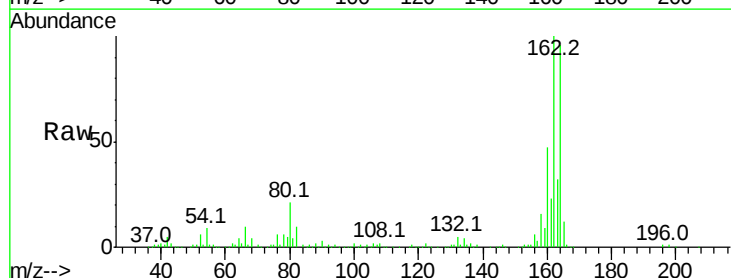
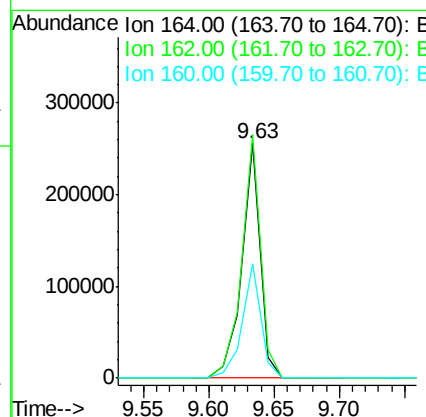
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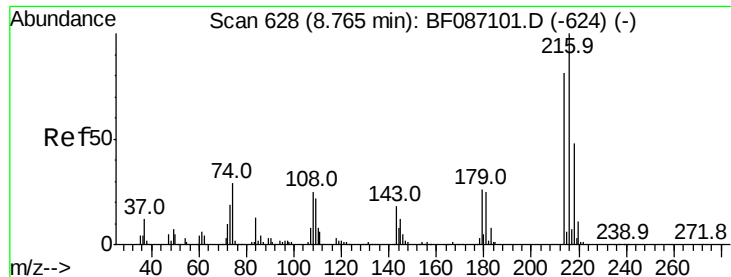
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.63 min Scan# 704
Delta R.T. -0.01 min
Lab File: BF087110.D
Acq: 17 May 2016 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	247021		
162	104.0	82.8	124.2	
160	48.6	36.9	55.3	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 52.78 ng

RT: 8.76 min Scan# 628

Delta R.T. -0.01 min

Lab File: BF087110.D

Acq: 17 May 2016 19:03

Instrument :

BNA_F

ClientSampleId :

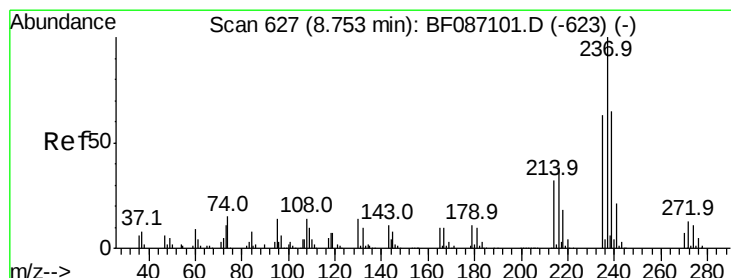
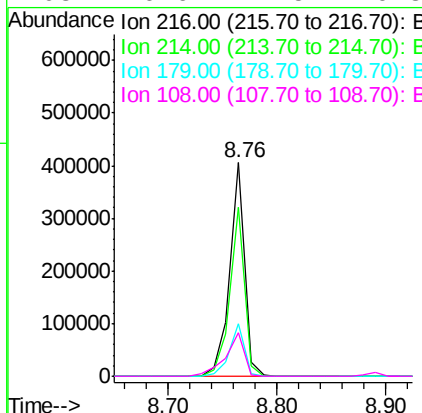
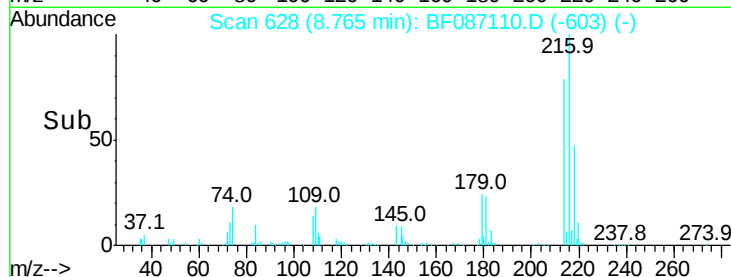
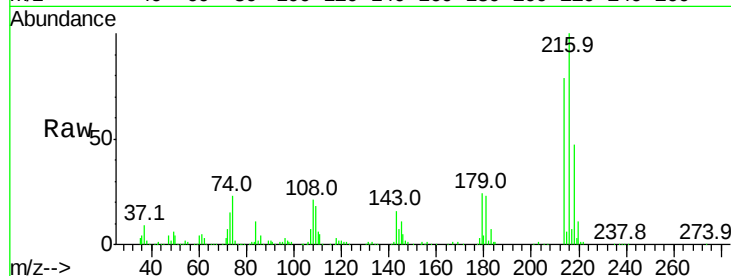
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Tot Ion	Ratio	Resp	Lower	Upper
216	100	380776		
214	78.8	62.6	93.8	
179	24.3	18.2	27.4	
108	26.6	17.5	26.3	



#40

Hexachlorocyclopentadiene

Concen: 110.59 ng

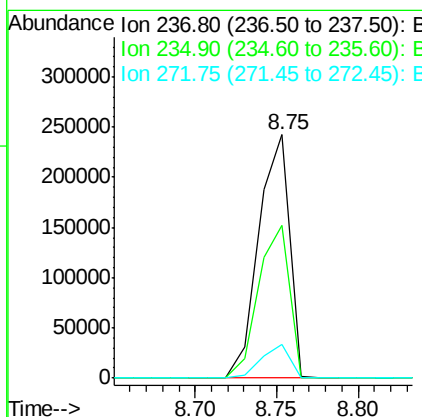
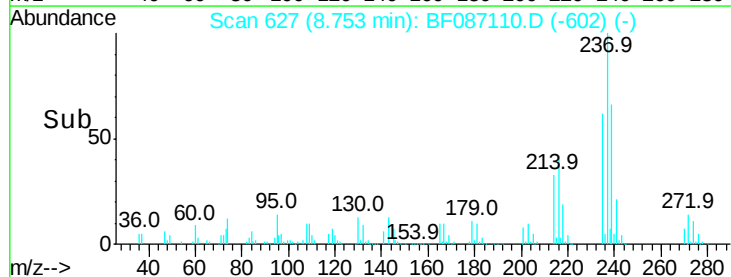
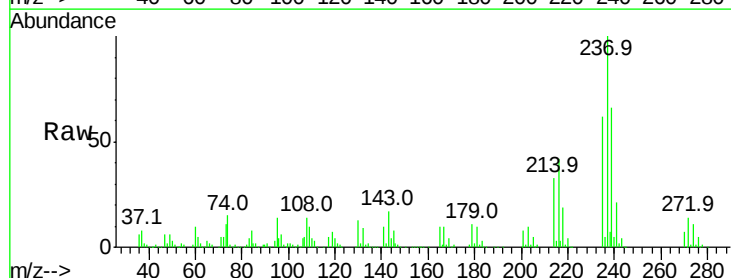
RT: 8.75 min Scan# 627

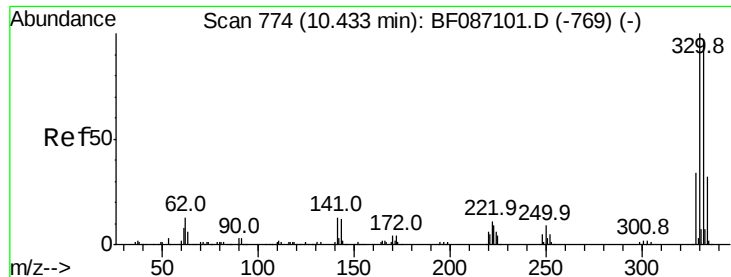
Delta R.T. -0.01 min

Lab File: BF087110.D

Acq: 17 May 2016 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	317384		
235	62.5	47.2	87.2	
272	13.8	0.0	31.1	





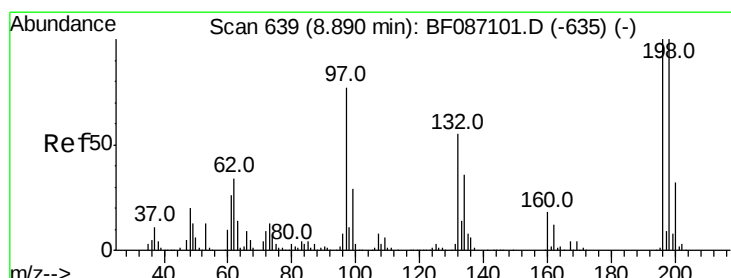
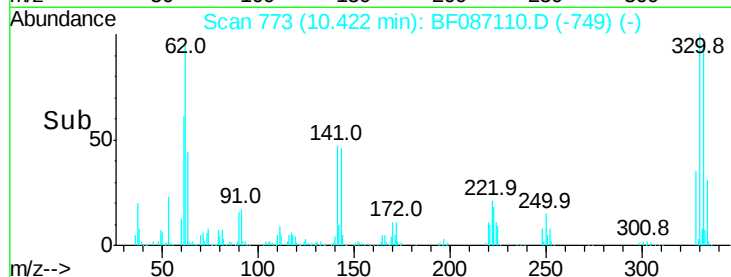
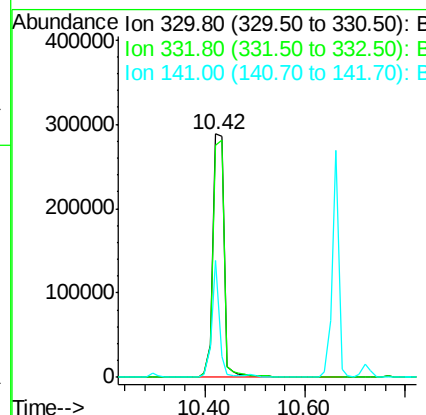
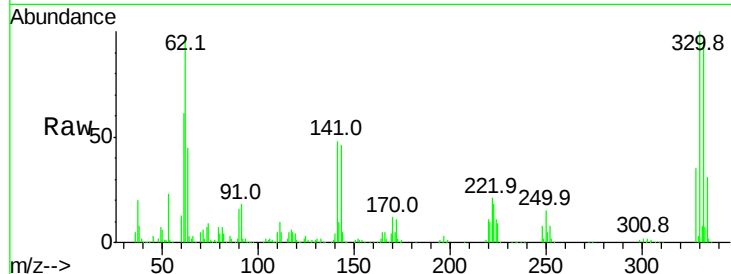
#41
 2,4,6-Tribromophenol
 Concen: 165.99 ng
 RT: 10.42 min Scan# 773
 Delta R.T. -0.02 min
 Lab File: BF087110.D
 Acq: 17 May 2016 19:03

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

Tot Ion	Ratio	Resp	Lower	Upper
330	100	453096		
332	96.9	79.0	118.4	
141	31.9	31.2	46.8	

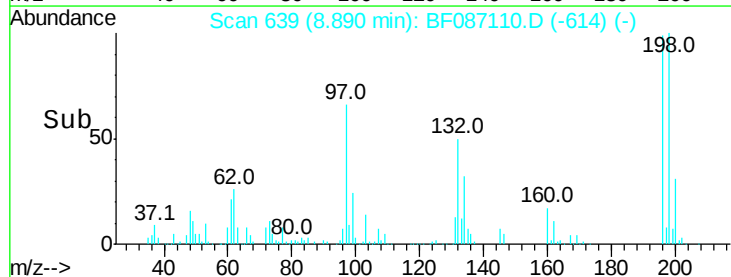
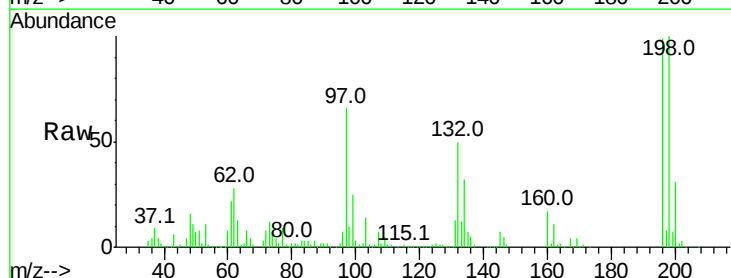
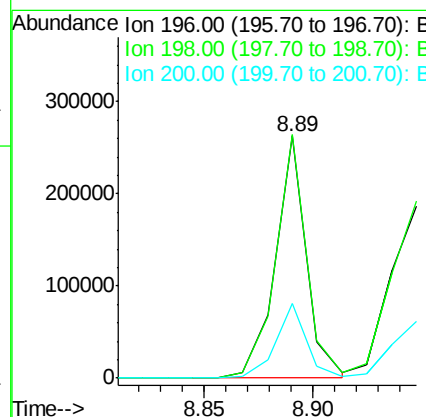
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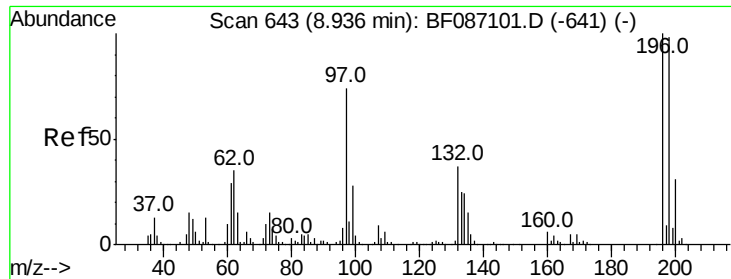
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#42
 2,4,6-Trichlorophenol
 Concen: 56.13 ng
 RT: 8.89 min Scan# 639
 Delta R.T. -0.01 min
 Lab File: BF087110.D
 Acq: 17 May 2016 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	262630		
198	100.6	74.7	112.1	
200	31.1	23.8	35.6	





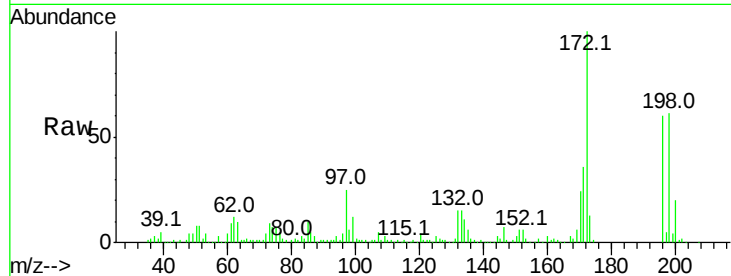
#43
 2,4,5-Trichlorophenol
 Concen: 50.00 ng
 RT: 8.95 min Scan# 644
 Delta R.T. 0.00 min
 Lab File: BF087110.D
 Acq: 17 May 2016 19:03

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

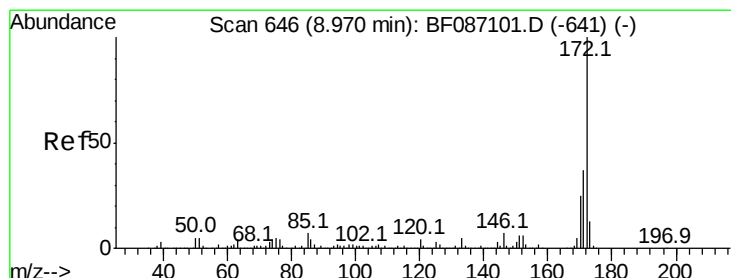
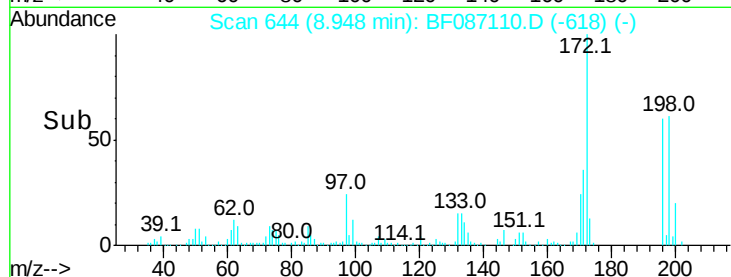
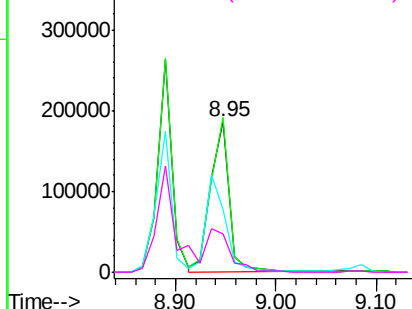
Manual Integrations
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100				
198	102.6	77.5	116.3		
97	41.4	34.8	52.2		
132	25.4	23.0	34.4		

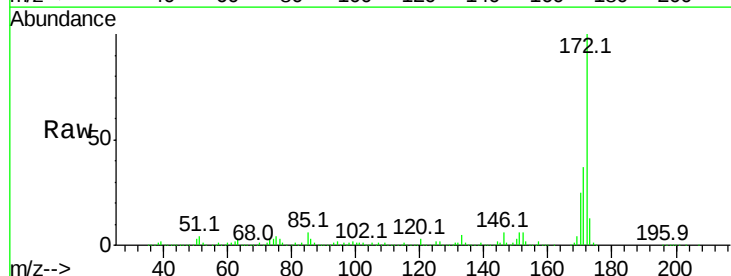


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

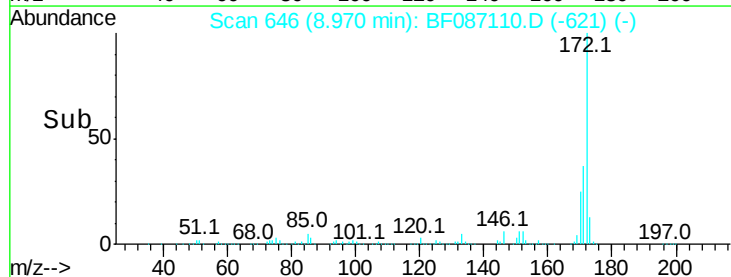
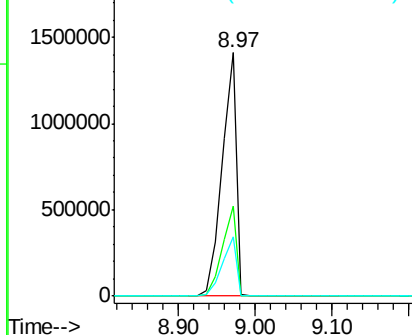


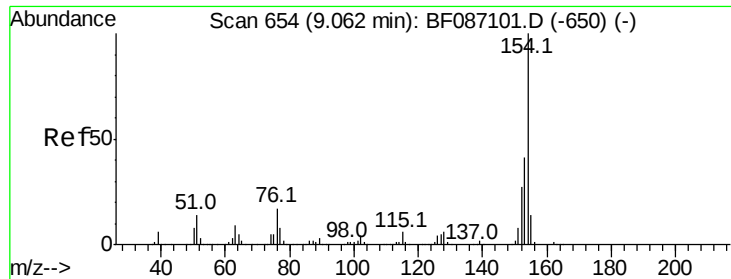
#44
 2-Fluorobiphenyl
 Concen: 123.77 ng
 RT: 8.97 min Scan# 646
 Delta R.T. -0.01 min
 Lab File: BF087110.D
 Acq: 17 May 2016 19:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100				
171	36.9	29.0	43.6		
170	24.5	19.8	29.8		



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: 50.57 ng

RT: 9.06 min Scan# 654

Delta R.T. -0.01 min

Lab File: BF087110.D

Acq: 17 May 2016 19:03

Instrument :

BNA_F

ClientSampleId :

HSR-WC-44-051216MSD

Tot Ion:154 Resp: 1035709

Ion Ratio Lower Upper

154 100

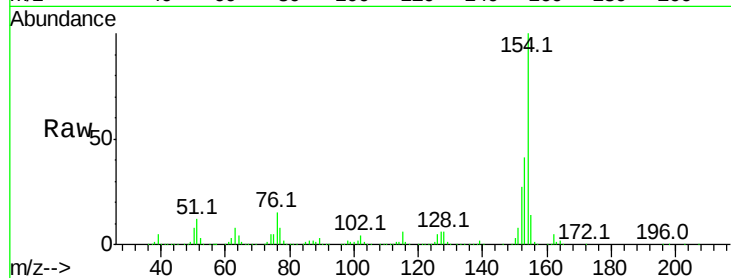
153 41.0 20.3 60.3

76 15.5 0.0 30.2

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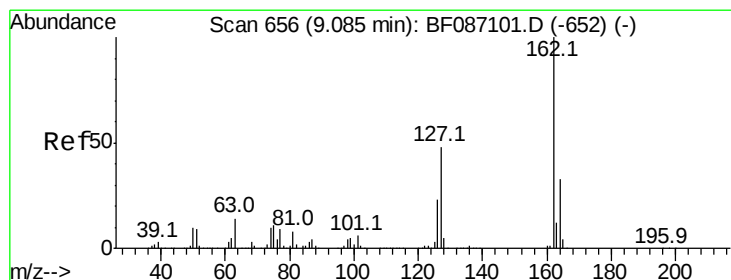
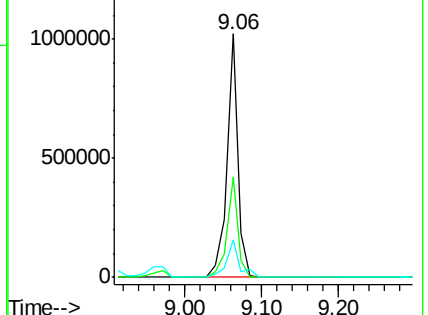
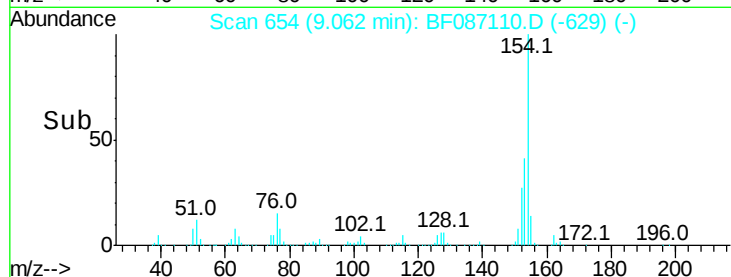
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 51.27 ng

RT: 9.08 min Scan# 656

Delta R.T. -0.01 min

Lab File: BF087110.D

Acq: 17 May 2016 19:03

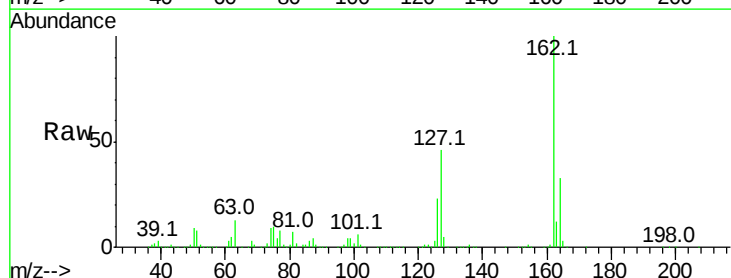
Tgt Ion:162 Resp: 806131

Ion Ratio Lower Upper

162 100

127 46.3 31.8 47.6

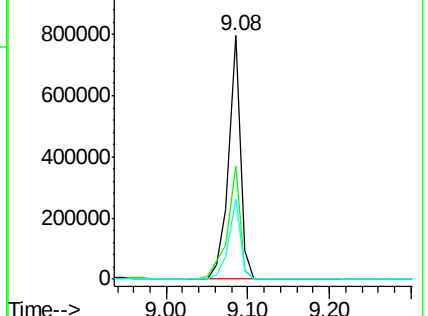
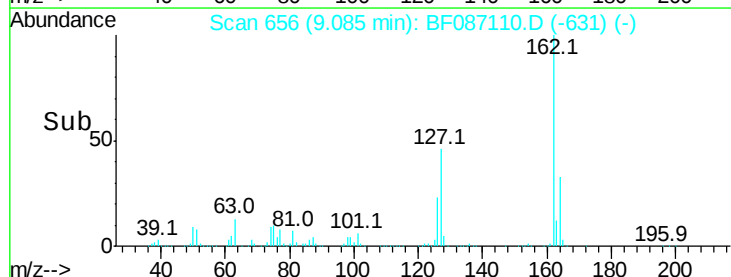
164 32.7 27.0 40.6

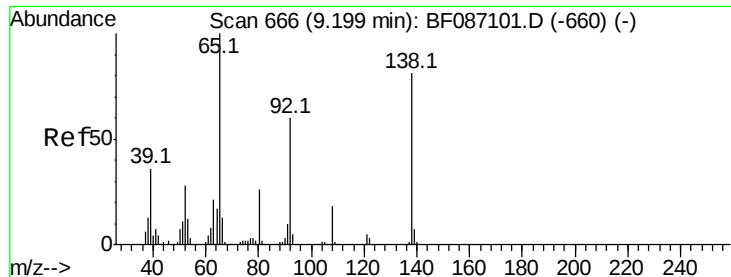


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





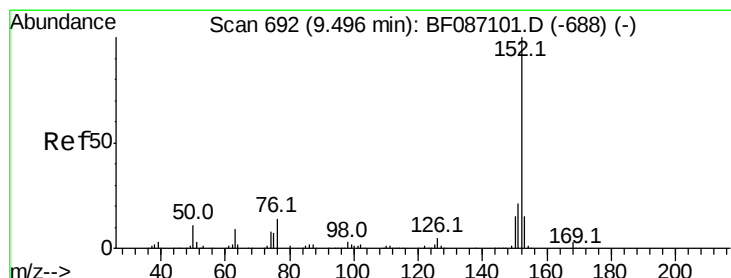
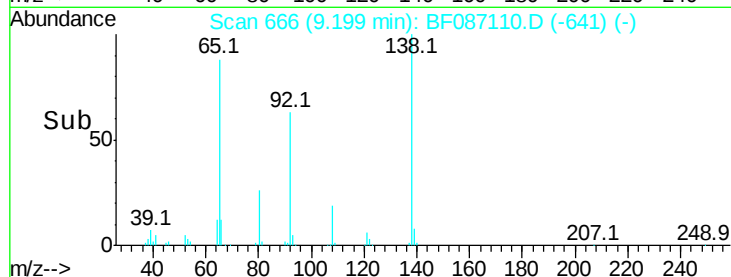
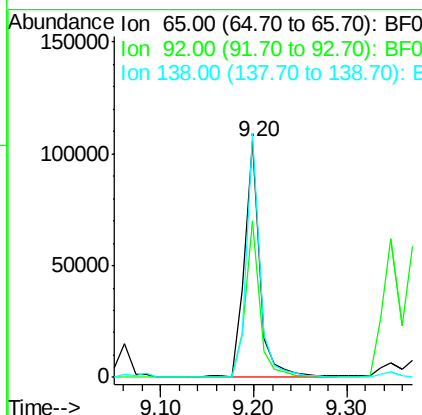
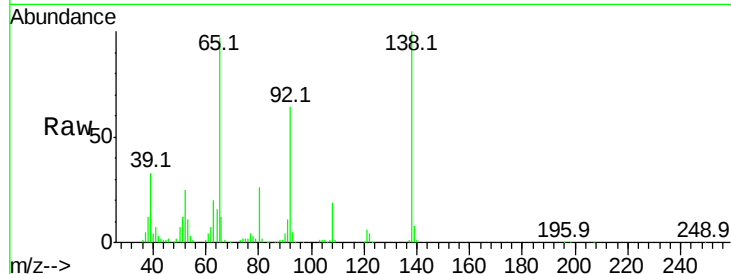
#47
2-Nitroaniline
Concen: 20.23 ng
RT: 9.20 min Scan# 666
Delta R.T. -0.01 min
Lab File: BF087110.D
Acq: 17 May 2016 19:03

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

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
92	66.3	57.4	86.2	
138	103.4	90.1	135.1	

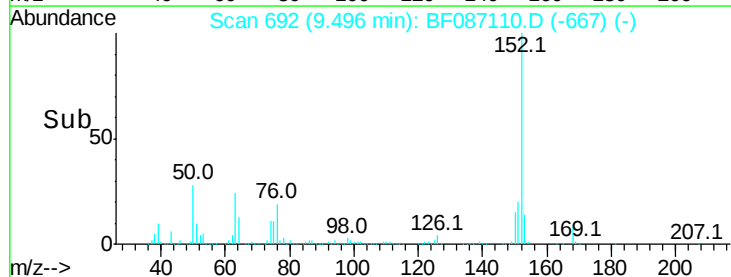
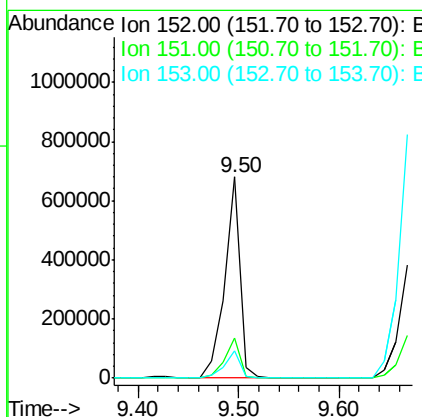
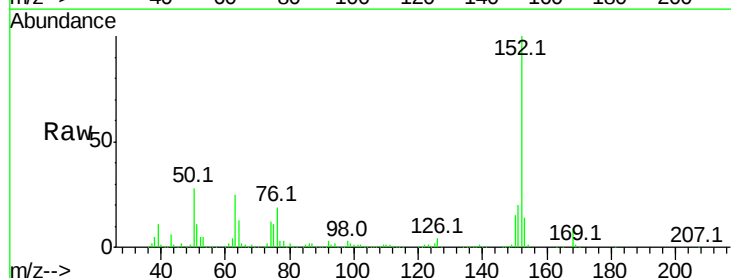
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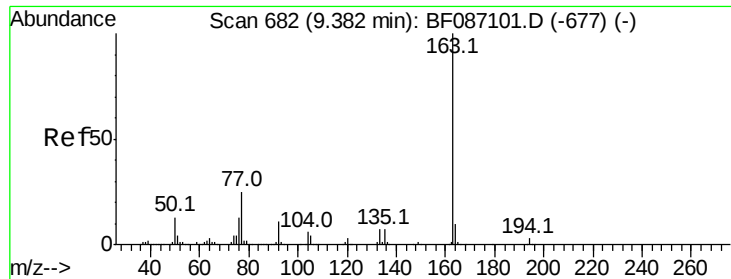
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#48
Acenaphthylene
Concen: 29.74 ng
RT: 9.50 min Scan# 692
Delta R.T. -0.01 min
Lab File: BF087110.D
Acq: 17 May 2016 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
152	100			
151	20.1	16.8	25.2	
153	13.8	10.9	16.3	





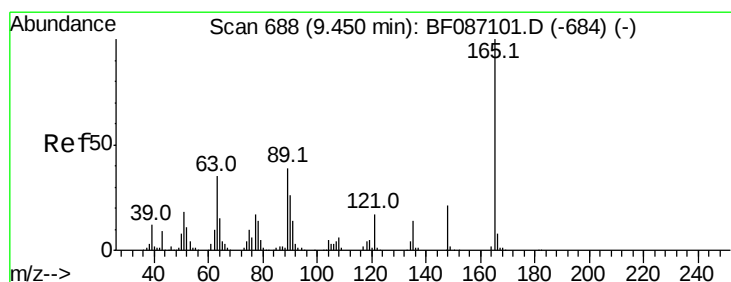
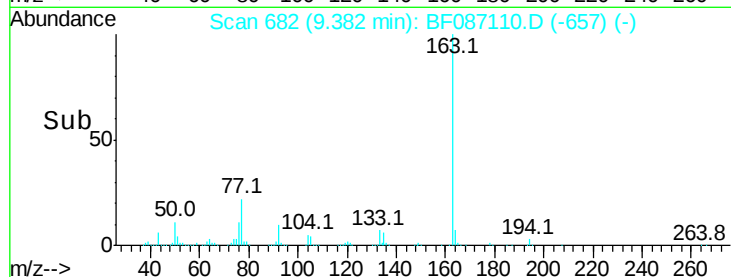
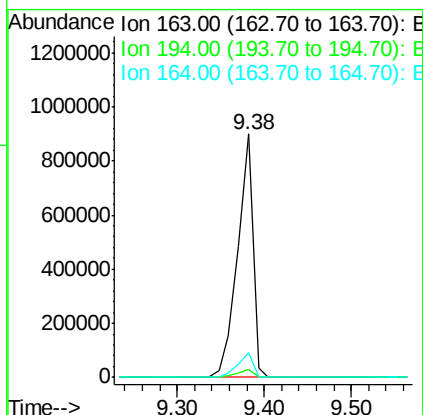
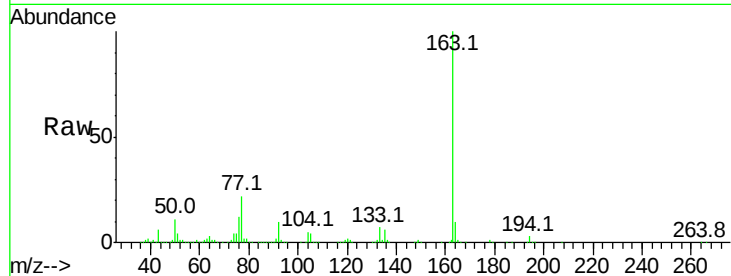
#49
Dimethylphthalate
Concen: 58.36 ng
RT: 9.38 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF087110.D
Acq: 17 May 2016 19:03

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

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	10.4	8.2	12.4

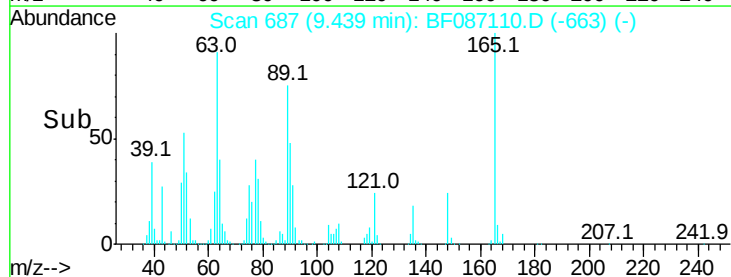
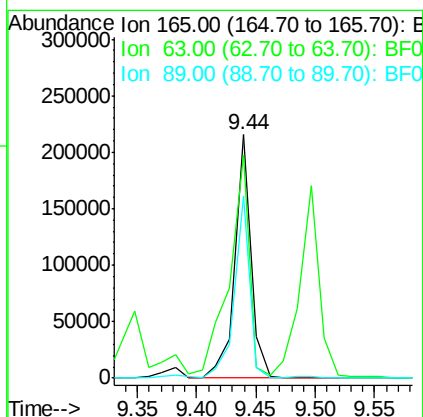
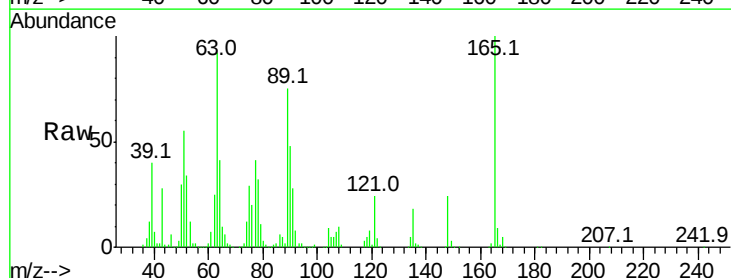
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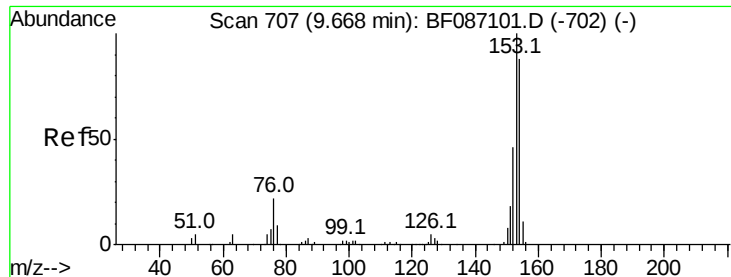
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#50
2,6-Dinitrotoluene
Concen: 50.22 ng
RT: 9.44 min Scan# 687
Delta R.T. -0.02 min
Lab File: BF087110.D
Acq: 17 May 2016 19:03

Tgt Ion	Ratio	Lower	Upper
165	100		
63	91.7	51.8	77.8#
89	75.0	50.7	76.1





#51

Acenaphthene

Concen: 47.67 ng

RT: 9.67 min Scan# 707

Delta R.T. -0.01 min

Lab File: BF087110.D

Acq: 17 May 2016 19:03

Instrument :

BNA_F

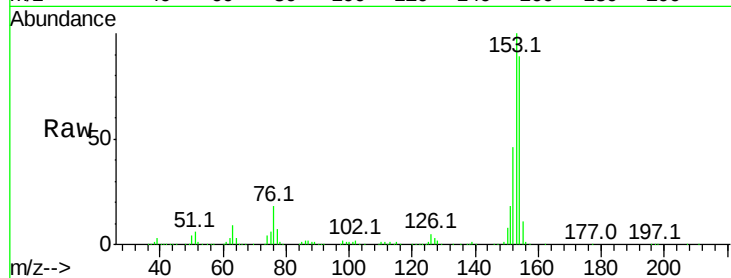
ClientSampleId :

HSR-WC-44-051216MSD

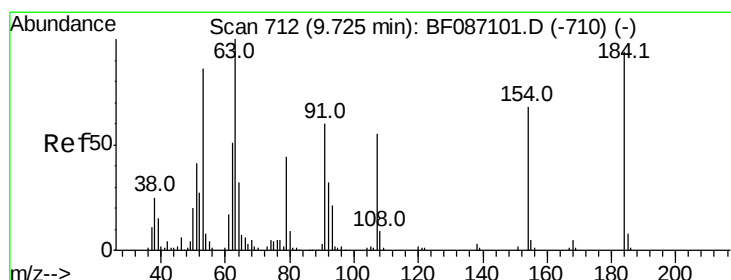
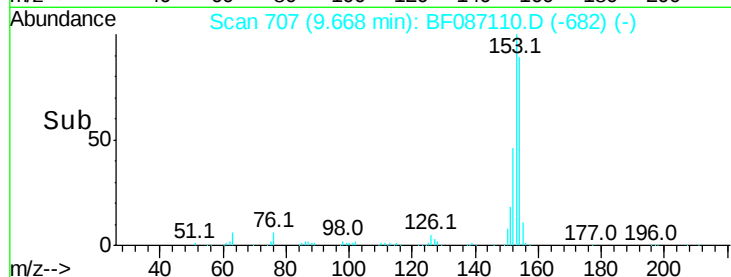
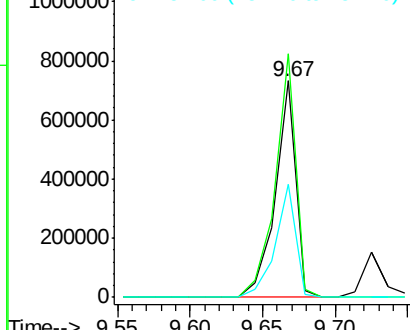
Tot Ion:	154	Resp:	715137
Ion Ratio	Lower	Upper	
154	100		
153	112.7	89.8	134.6
152	52.3	43.4	65.0

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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



#53

2,4-Dinitrophenol

Concen: 107.01 ng

RT: 9.72 min Scan# 712

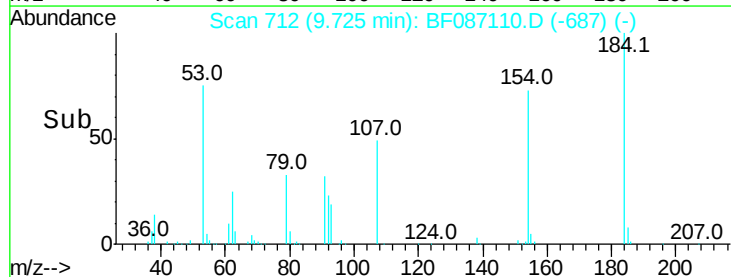
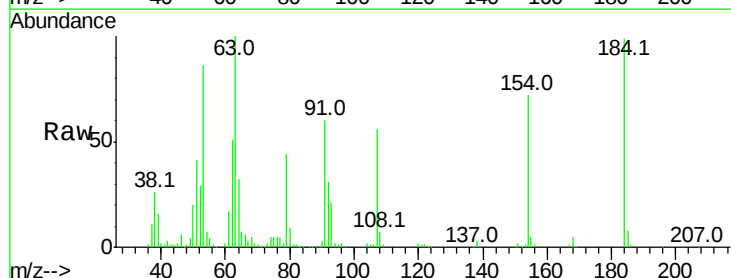
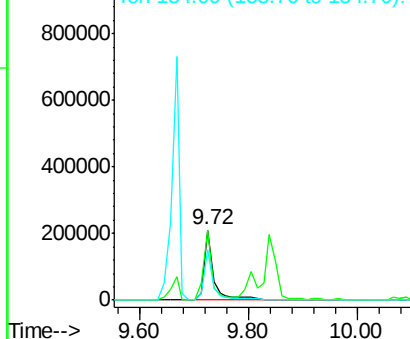
Delta R.T. -0.01 min

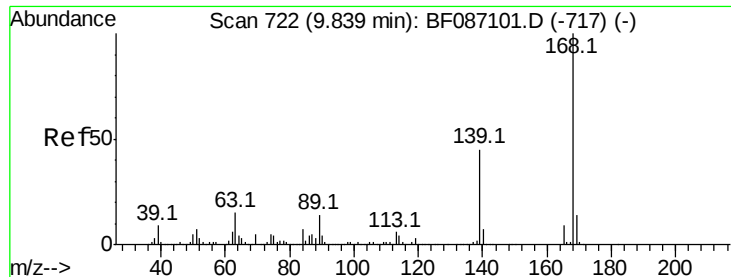
Lab File: BF087110.D

Acq: 17 May 2016 19:03

Tgt Ion:	184	Resp:	254876
Ion Ratio	Lower	Upper	
184	100		
63	100.8	55.8	83.8#
154	72.5	62.4	93.6

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





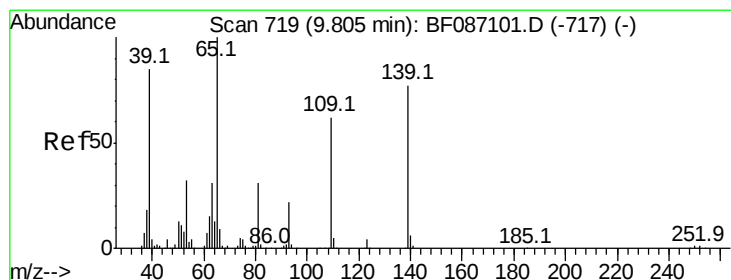
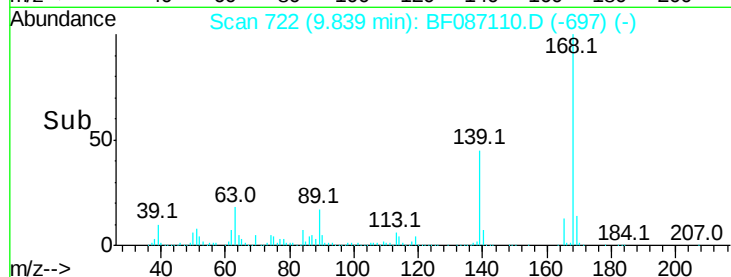
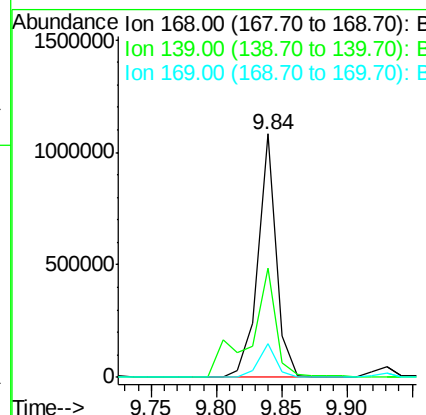
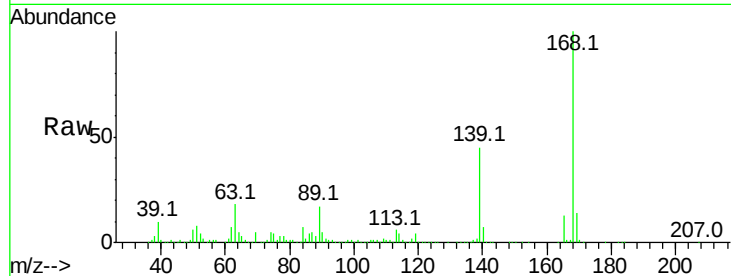
#54
Dibenzenofuran
Concen: 54.57 ng
RT: 9.84 min Scan# 722
Delta R.T. -0.01 min
Lab File: BF087110.D
Acq: 17 May 2016 19:03

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

Tot Ion	Ratio	Lower	Upper
168	100		
139	45.0	31.4	47.0
169	14.0	10.7	16.1

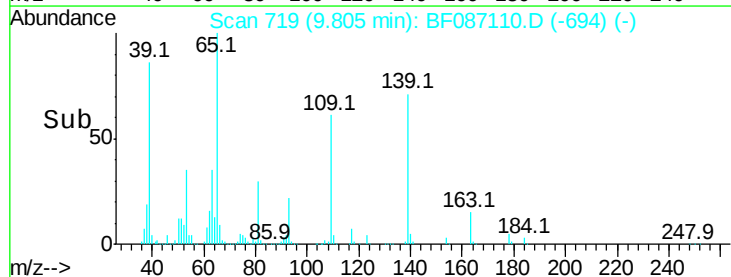
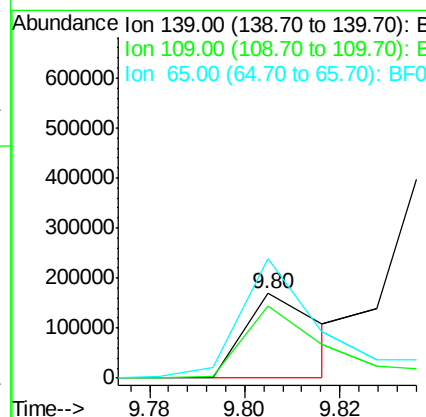
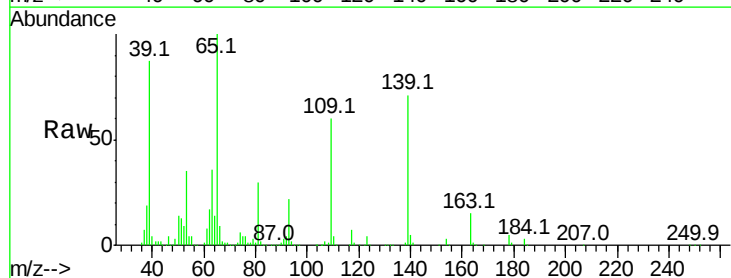
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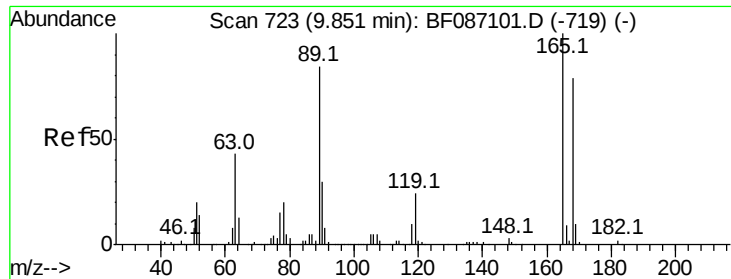
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#55
4-Nitrophenol
Concen: 66.31 ng m
RT: 9.80 min Scan# 719
Delta R.T. -0.01 min
Lab File: BF087110.D
Acq: 17 May 2016 19:03

Tgt Ion	Ratio	Lower	Upper
139	100		
109	85.5	36.9	76.9#
65	141.3	64.0	104.0#





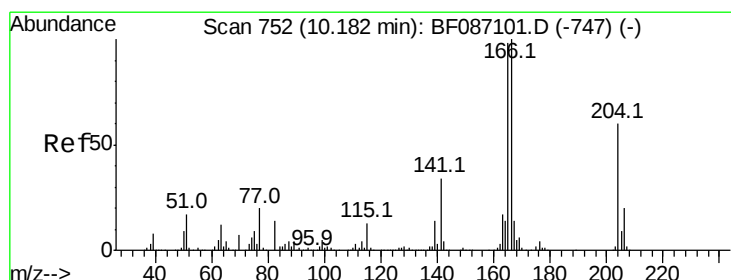
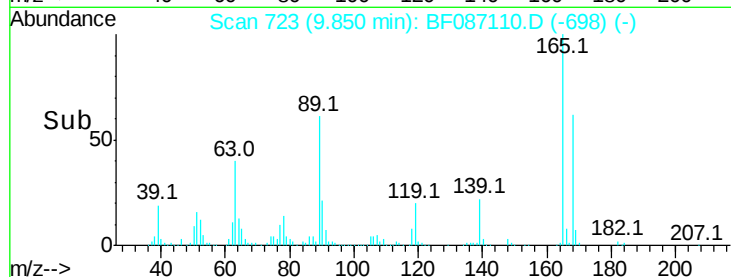
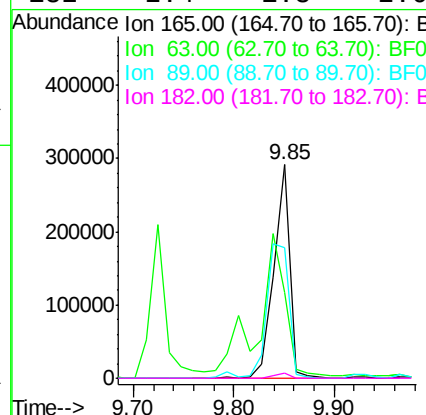
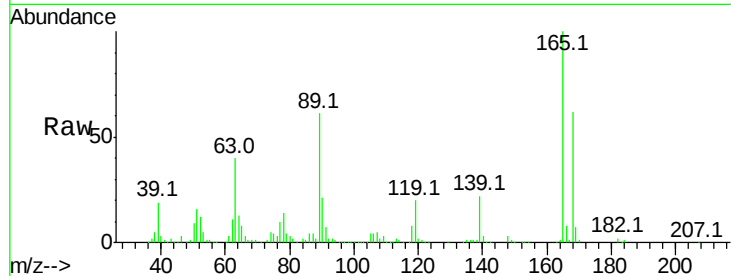
#56
2,4-Dinitrotoluene
Concen: 60.99 ng
RT: 9.85 min Scan# 723
Delta R.T. -0.01 min
Lab File: BF087110.D
Acq: 17 May 2016 19:03

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

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	40.4	44.3	66.5#	
89	61.3	70.0	105.0#	
182	2.4	1.8	2.6	

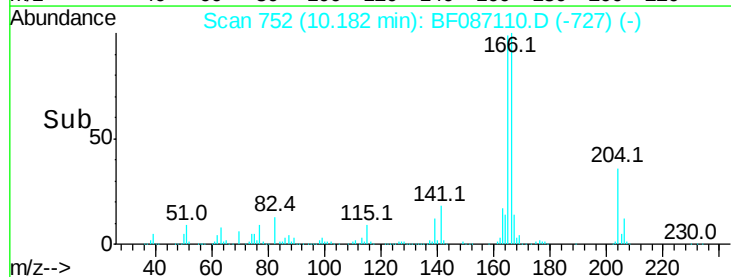
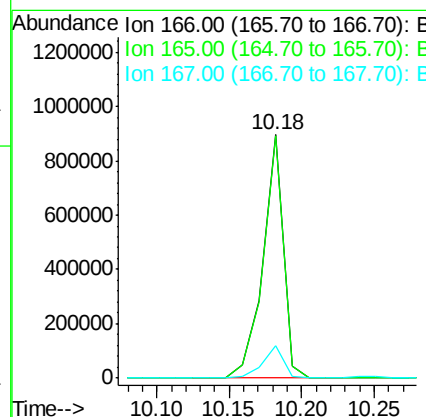
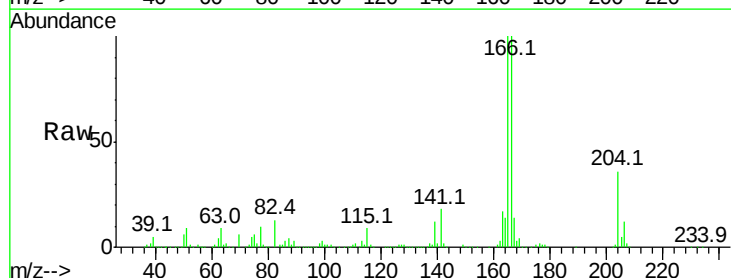
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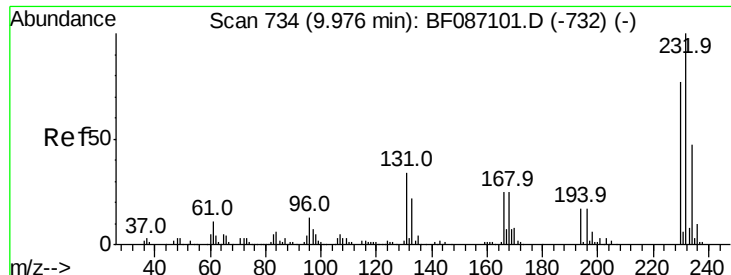
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#57
Fluorene
Concen: 56.29 ng
RT: 10.18 min Scan# 752
Delta R.T. -0.01 min
Lab File: BF087110.D
Acq: 17 May 2016 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	99.6	79.0	118.6	
167	13.6	10.6	15.8	





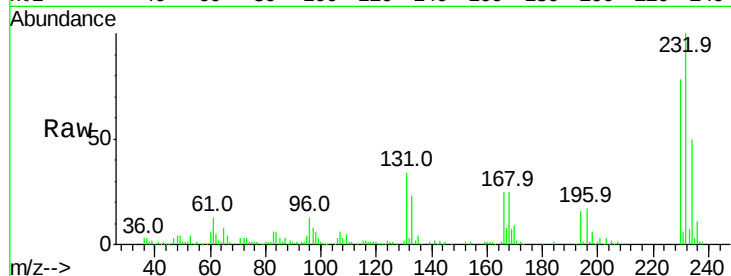
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 58.74 ng
 RT: 9.98 min Scan# 734
 Delta R.T. -0.01 min
 Lab File: BF087110.D
 Acq: 17 May 2016 19:03

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

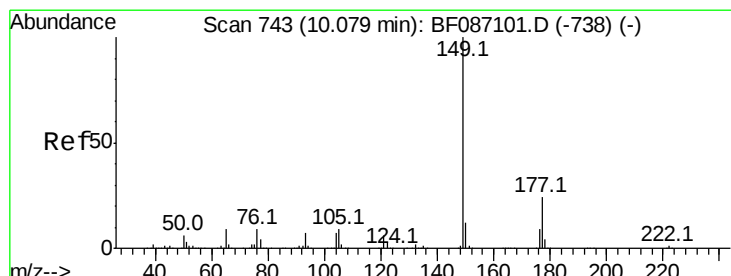
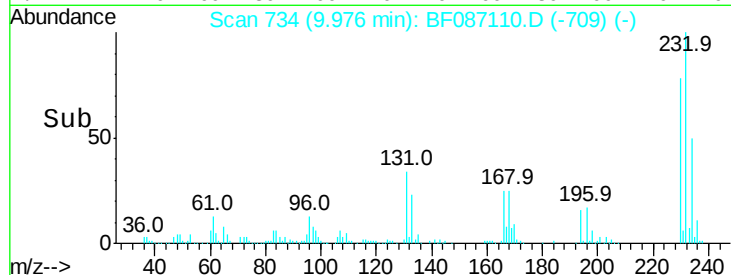
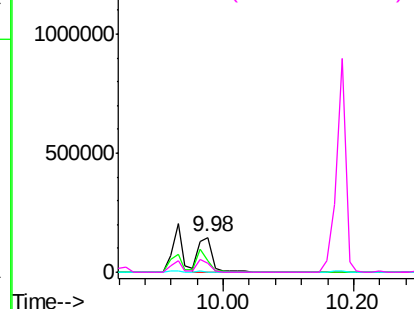
Tot Ion	Ratio	Resp	Lower	Upper
232	100	222387		
131	54.2	41.9	62.9	
130	2.6	2.2	3.4	
166	30.1	26.8	40.2	

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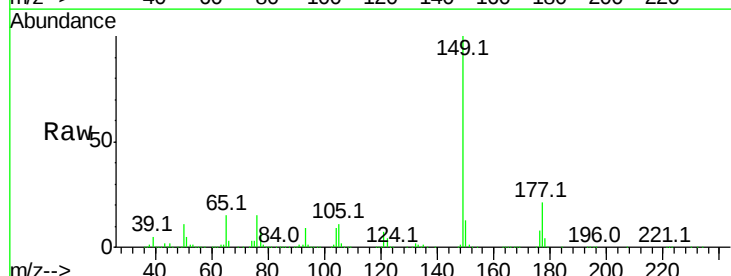


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

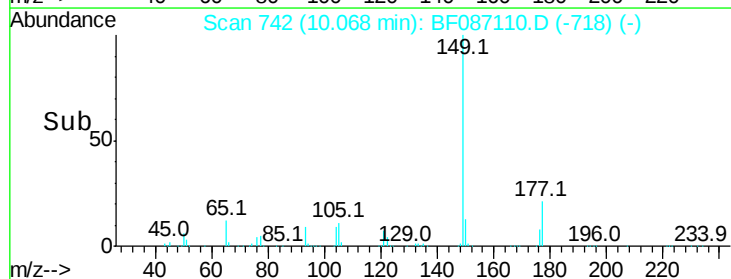
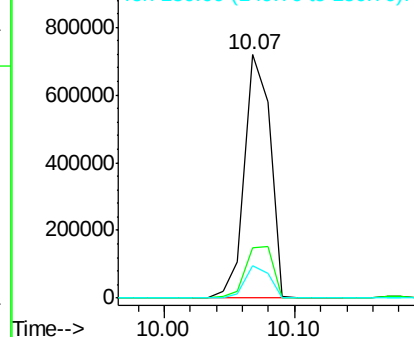


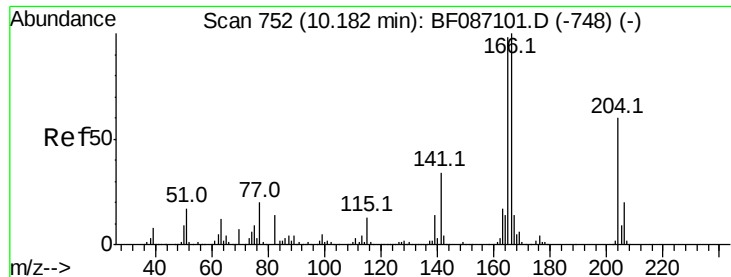
#59
 Diethylphthalate
 Concen: 54.73 ng
 RT: 10.07 min Scan# 742
 Delta R.T. -0.02 min
 Lab File: BF087110.D
 Acq: 17 May 2016 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	984530		
177	20.9	16.6	24.8	
150	13.2	10.0	15.0	



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





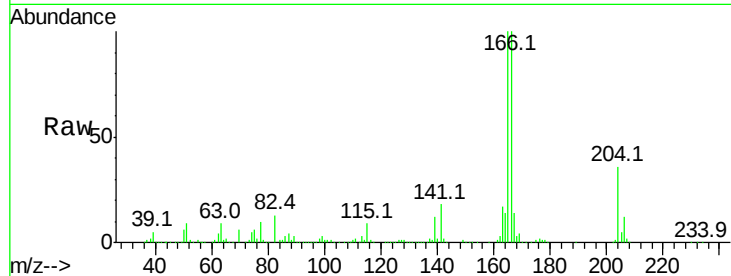
#60
4-Chlorophenyl-phenylether
Concen: 57.24 ng
RT: 10.18 min Scan# 752
Delta R.T. -0.01 min
Lab File: BF087110.D
Acq: 17 May 2016 19:03

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

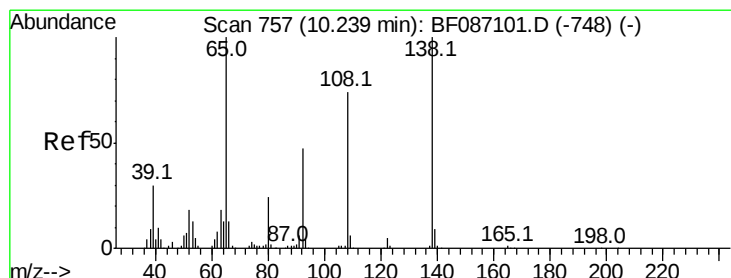
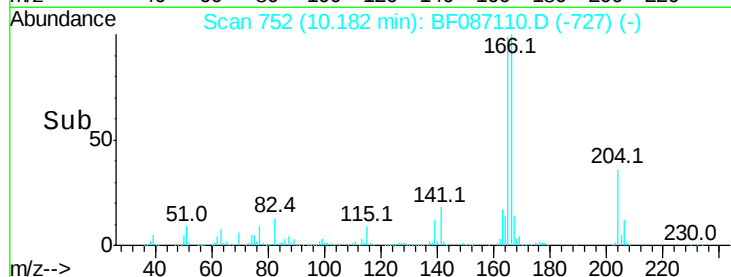
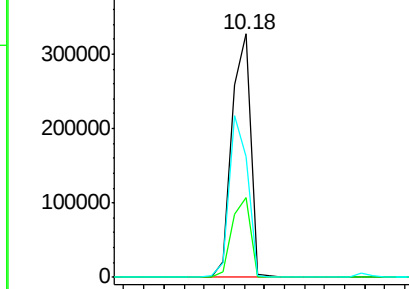
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.0	25.4	38.0
141	49.6	61.6	92.4

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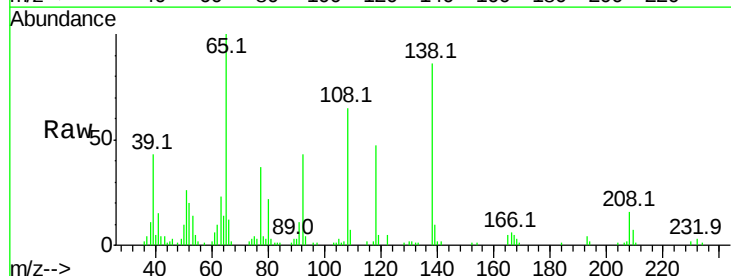


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

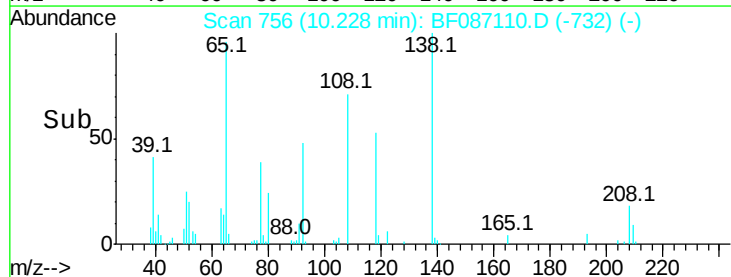
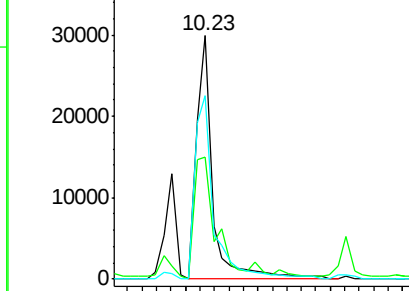


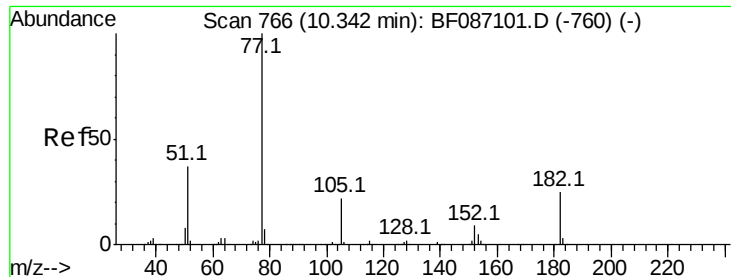
#61
4-Nitroaniline
Concen: 10.62 ng
RT: 10.23 min Scan# 756
Delta R.T. -0.02 min
Lab File: BF087110.D
Acq: 17 May 2016 19:03

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.3	24.7	64.7
108	75.3	37.4	77.4



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





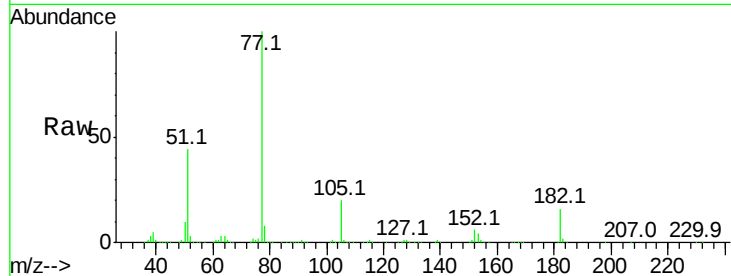
#62
Azobenzene
Concen: 43.85 ng
RT: 10.33 min Scan# 765
Delta R.T. -0.02 min
Lab File: BF087110.D
Acq: 17 May 2016 19:03

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

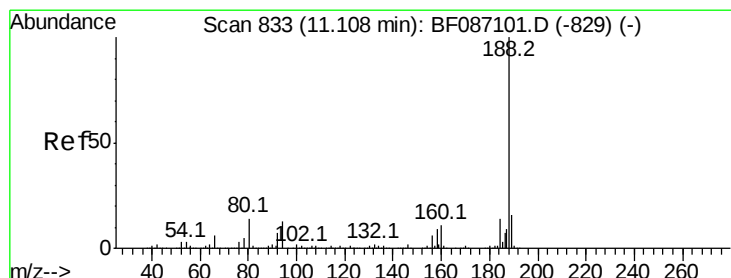
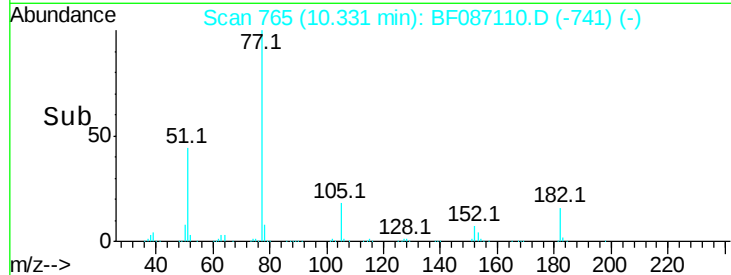
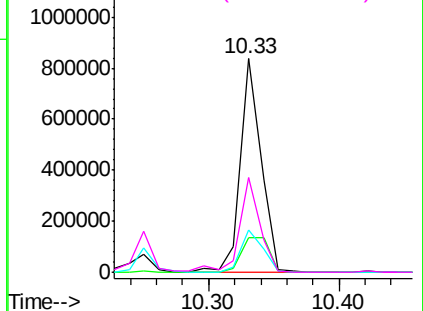
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		908996		
182	16.3	0.0	38.8		
105	19.6	3.2	43.2		
51	44.1	8.8	48.8		

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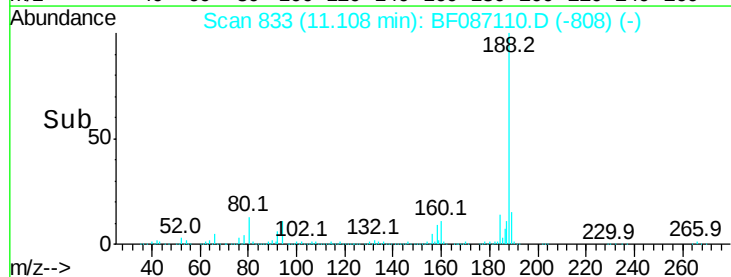
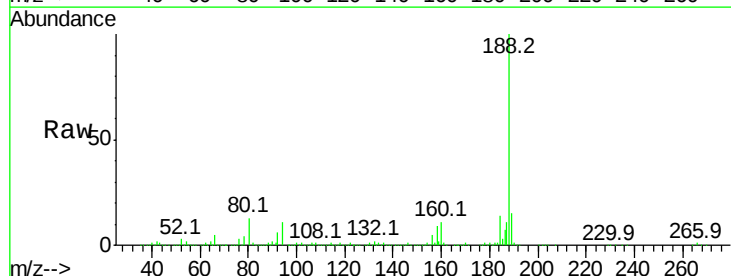
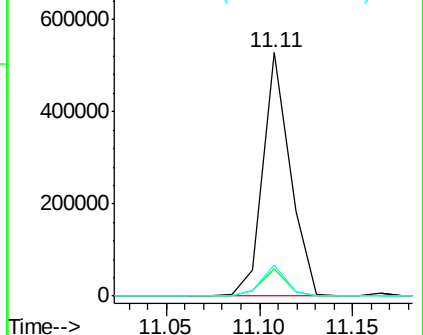
Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

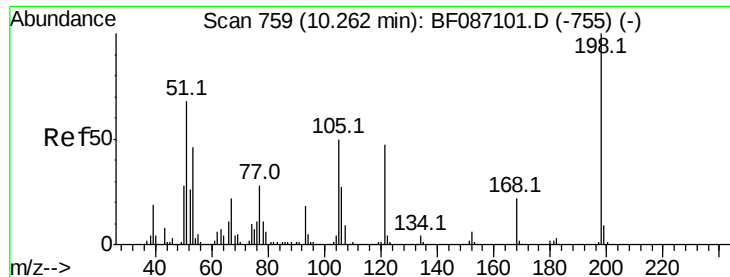


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.11 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF087110.D
Acq: 17 May 2016 19:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		533258		
94	11.2	6.8	10.2#		
80	12.7	7.1	10.7#		

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: 45.79 ng

RT: 10.25 min Scan# 758

Delta R.T. -0.02 min

Lab File: BF087110.D

Acq: 17 May 2016 19:03

Instrument :

BNA_F

ClientSampleId :

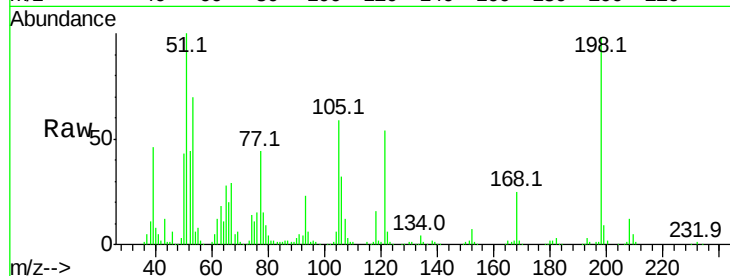
HSR-WC-44-051216MSD

Tot Ion:198 Resp: 160807
Ion Ratio Lower Upper

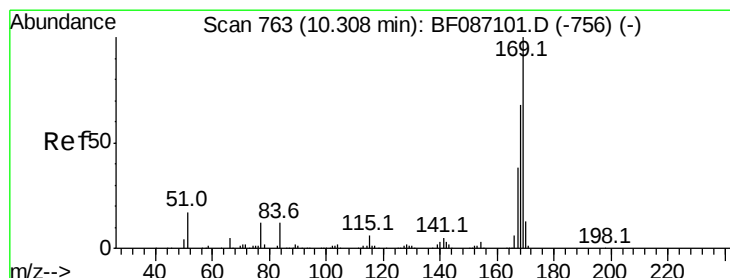
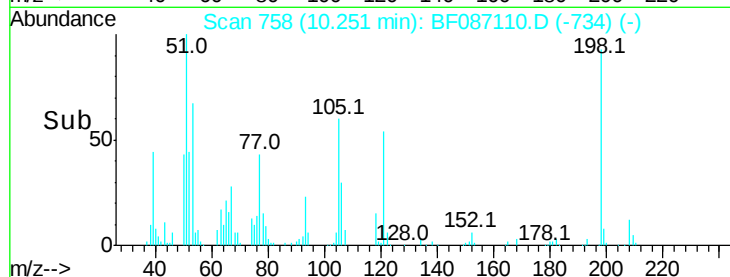
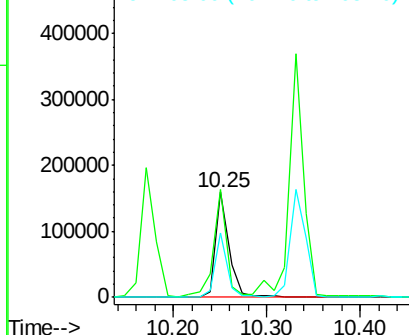
198	100		
51	102.2	20.5	60.5#
105	60.8	24.5	64.5

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Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 5.21 ng

RT: 10.30 min Scan# 762

Delta R.T. -0.02 min

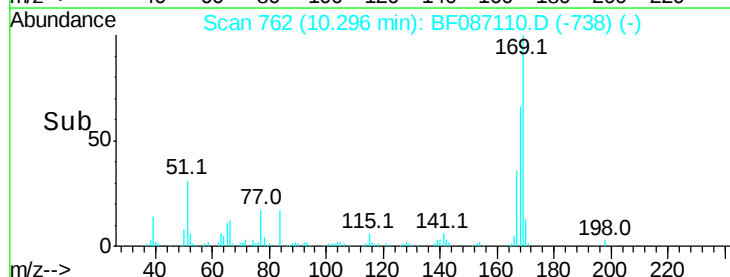
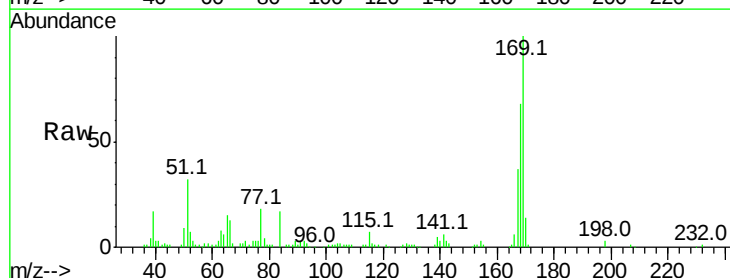
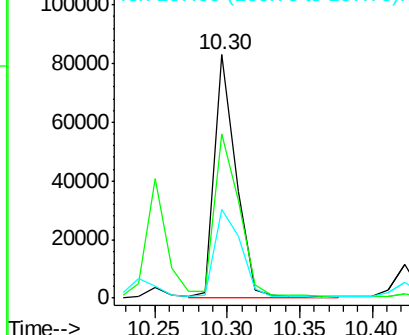
Lab File: BF087110.D

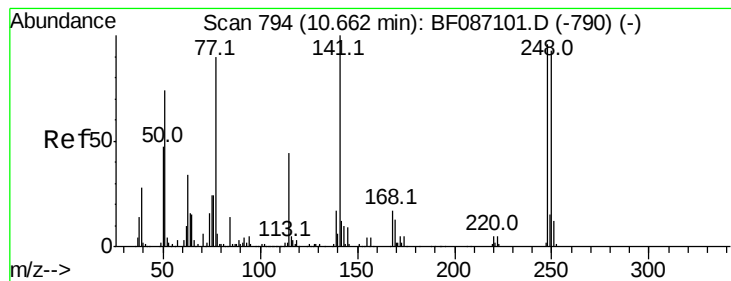
Acq: 17 May 2016 19:03

Tgt Ion:169 Resp: 87380
Ion Ratio Lower Upper

169	100		
168	67.6	53.8	80.6
167	36.7	29.5	44.3

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





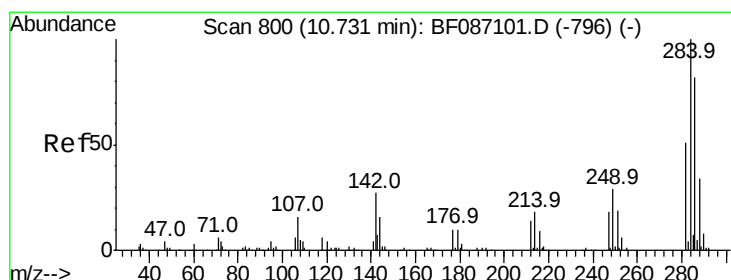
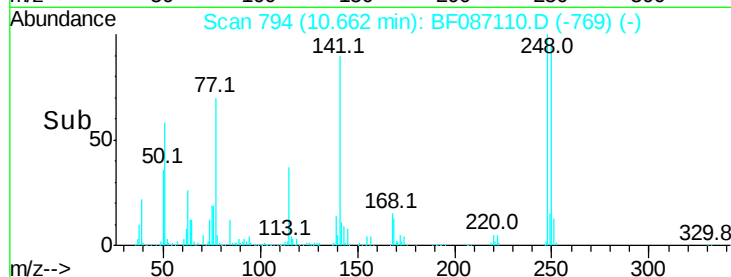
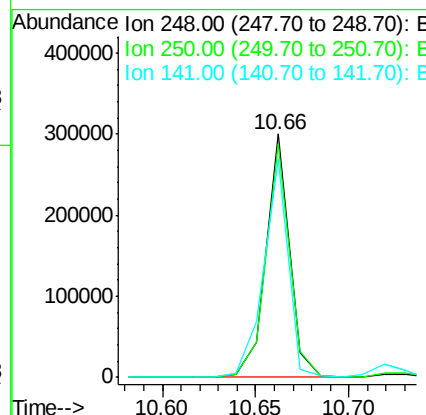
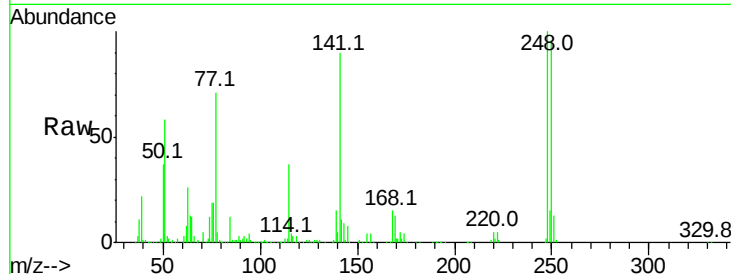
#66
4-Bromophenyl-phenylether
Concen: 47.58 ng
RT: 10.66 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF087110.D
Acq: 17 May 2016 19:03

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

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.7	78.6	117.8
141	89.7	76.0	114.0

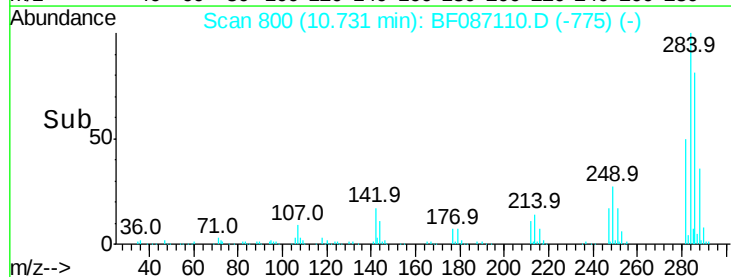
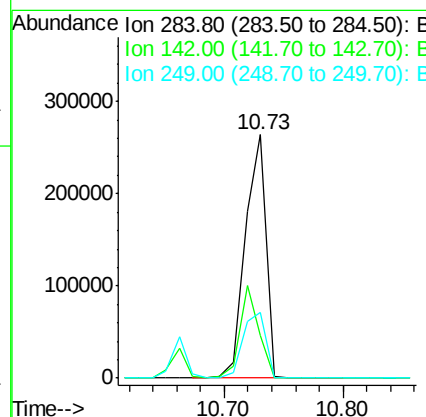
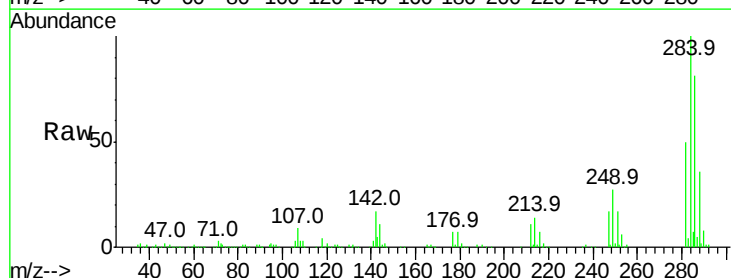
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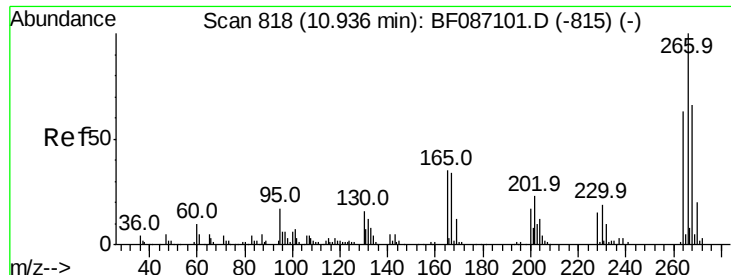
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#67
Hexachlorobenzene
Concen: 50.40 ng
RT: 10.73 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF087110.D
Acq: 17 May 2016 19:03

Tgt Ion	Ratio	Lower	Upper
284	100		
142	17.5	16.7	25.1
249	26.7	21.3	31.9





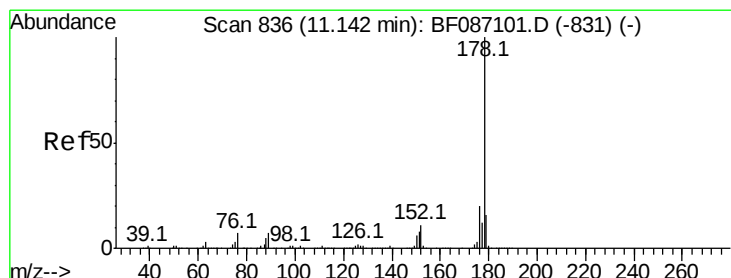
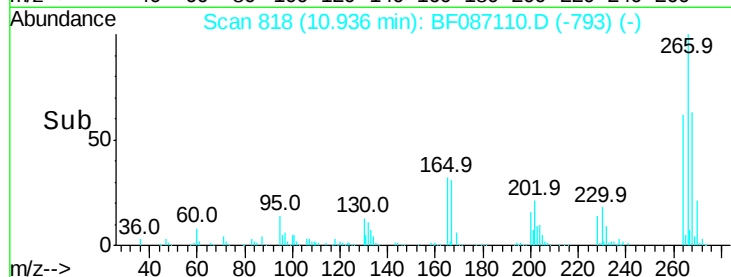
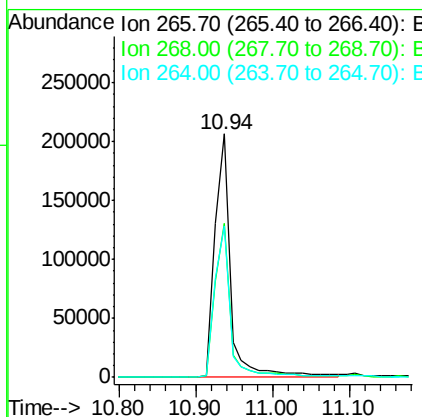
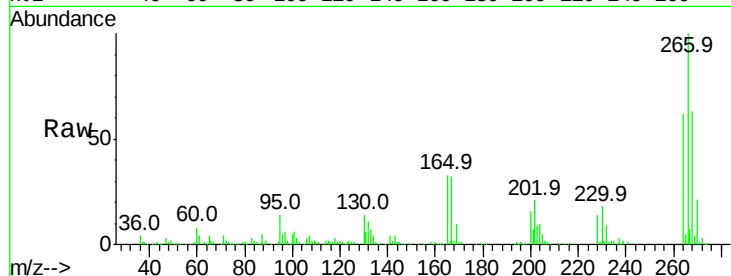
#69
 Pentachlorophenol
 Concen: 123.01 ng
 RT: 10.94 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BF087110.D
 Acq: 17 May 2016 19:03

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

Tot Ion	Ratio	Resp	Lower	Upper
266	100	293801		
268	63.4	51.5	77.3	
264	62.3	52.9	79.3	

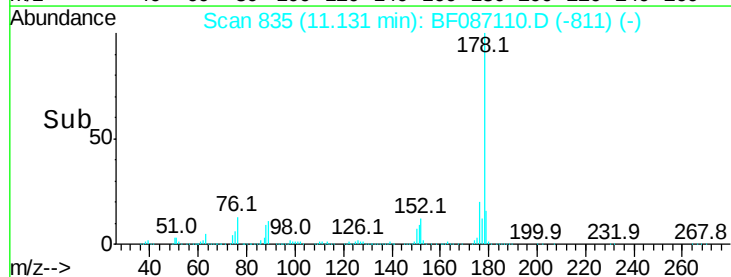
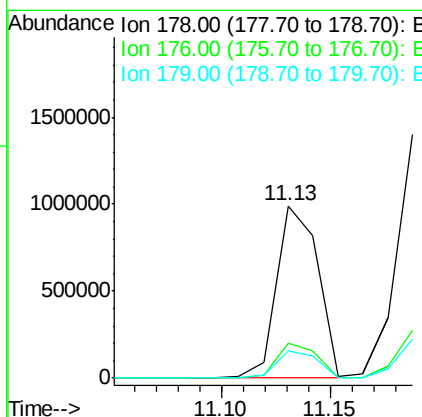
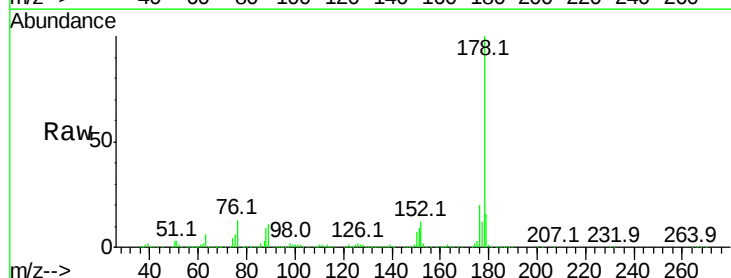
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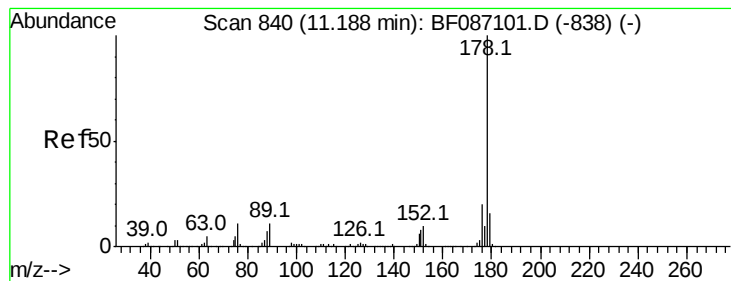
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#70
 Phenanthrene
 Concen: 45.44 ng
 RT: 11.13 min Scan# 835
 Delta R.T. -0.02 min
 Lab File: BF087110.D
 Acq: 17 May 2016 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1314335		
176	20.0	16.0	24.0	
179	16.0	12.6	18.8	





#71

Anthracene

Concen: 44.25 ng

RT: 11.19 min Scan# 840

Delta R.T. -0.01 min

Lab File: BF087110.D

Acq: 17 May 2016 19:03

Instrument :

BNA_F

ClientSampleId :

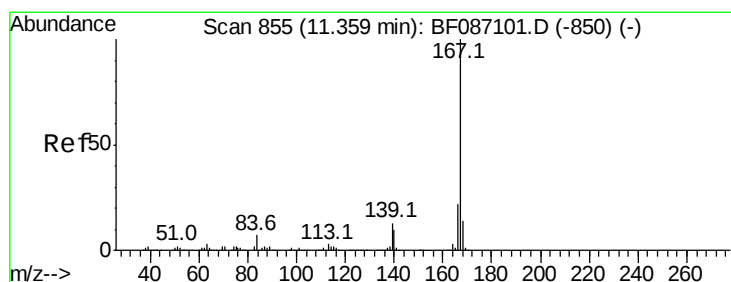
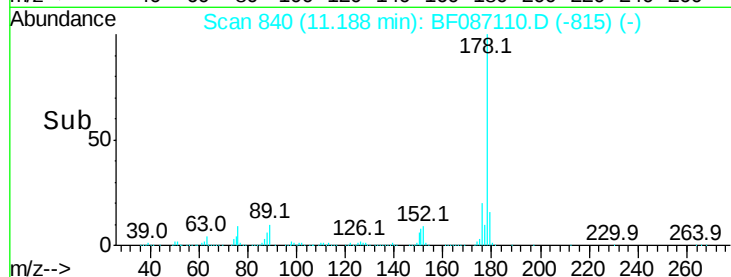
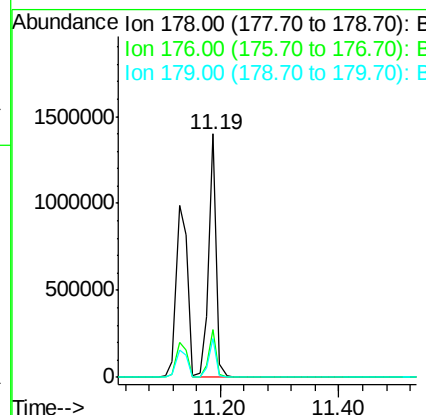
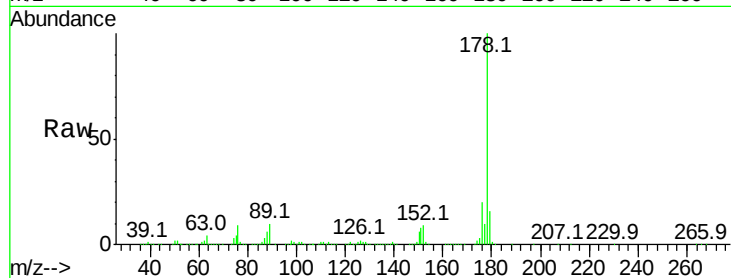
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Tot Ion:178	Resp: 1294551		
Ion Ratio	Lower	Upper	
178	100		
176	19.7	15.6	23.4
179	16.2	12.7	19.1



#72

Carbazole

Concen: 2.45 ng

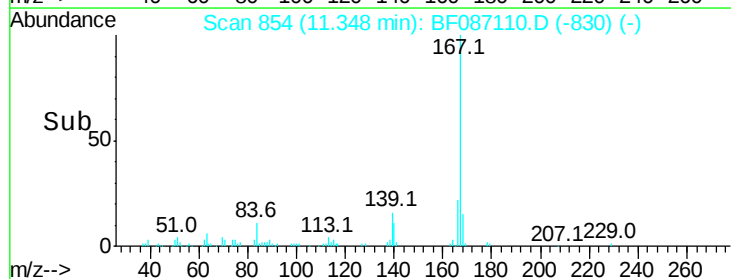
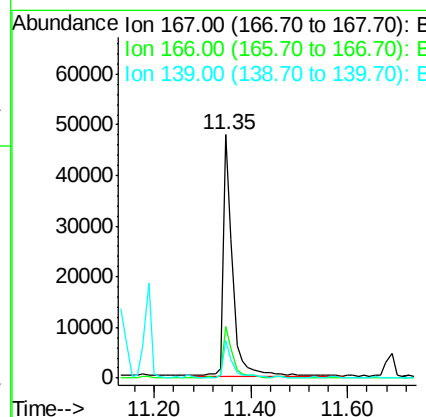
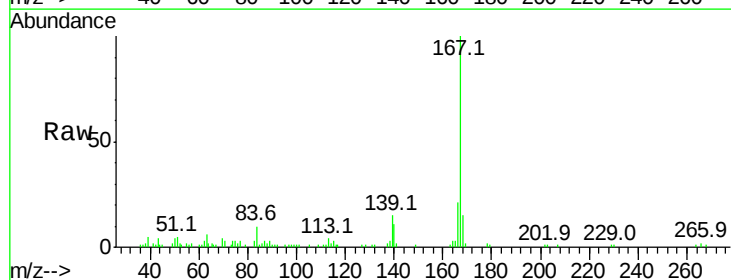
RT: 11.35 min Scan# 854

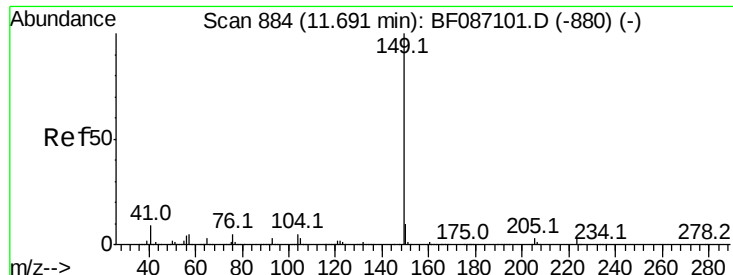
Delta R.T. -0.02 min

Lab File: BF087110.D

Acq: 17 May 2016 19:03

Tgt	Ion:167	Resp:	65571
Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.7	26.5
139	15.5	10.8	16.2





#73

Di-n-butylphthalate

Concen: 52.30 ng

RT: 11.69 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF087110.D

Acq: 17 May 2016 19:03

Instrument :

BNA_F

ClientSampleId :

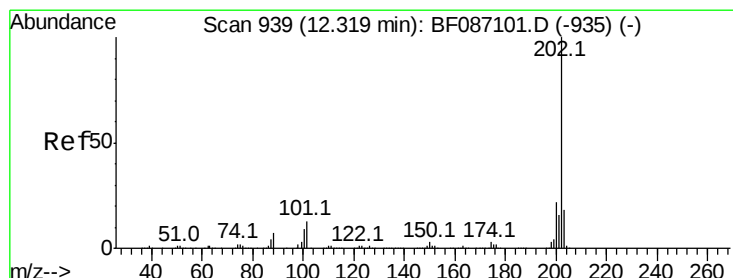
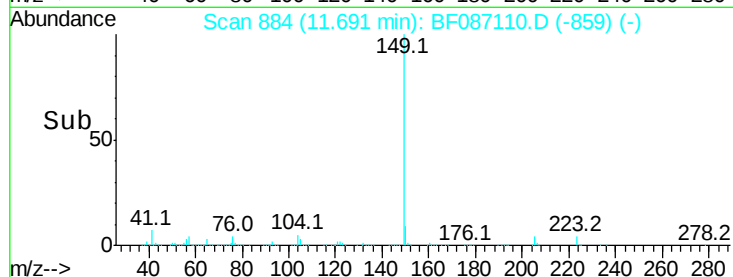
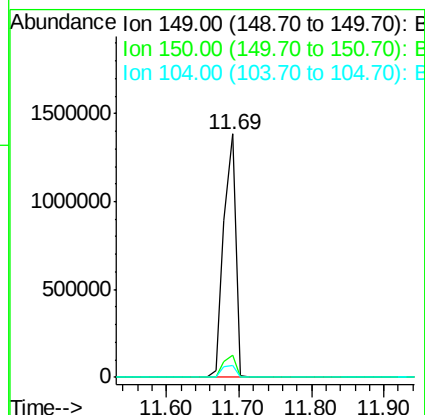
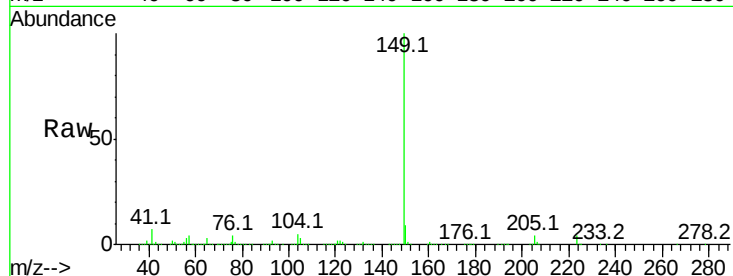
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Tot Ion:	149	Resp:	1605286
Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.6	11.4
104	4.8	3.8	5.6



#74

Fluoranthene

Concen: 47.09 ng

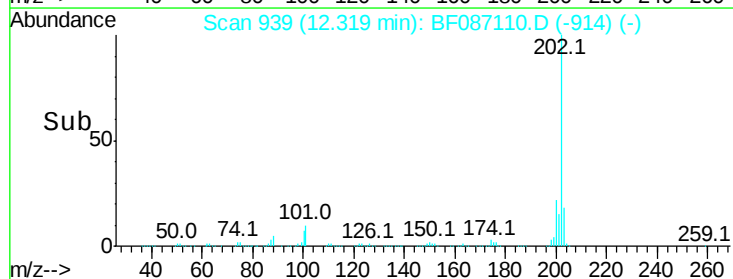
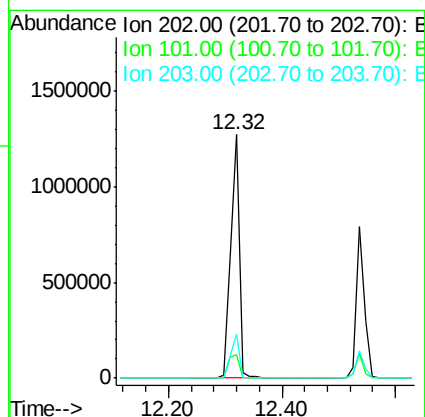
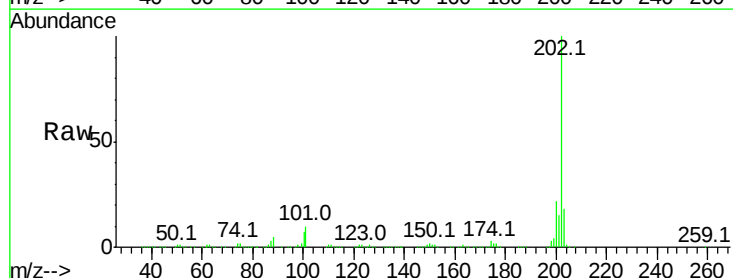
RT: 12.32 min Scan# 939

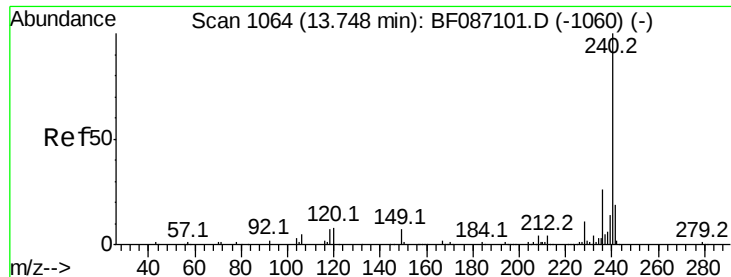
Delta R.T. -0.01 min

Lab File: BF087110.D

Acq: 17 May 2016 19:03

Tgt Ion:	202	Resp:	1364618
Ion	Ratio	Lower	Upper
202	100		
101	9.5	0.0	35.4
203	18.1	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.74 min Scan# 1063

Delta R.T. -0.02 min

Lab File: BF087110.D

Acq: 17 May 2016 19:03

Instrument :

BNA_F

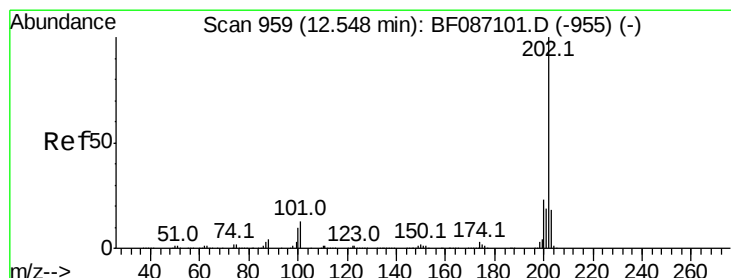
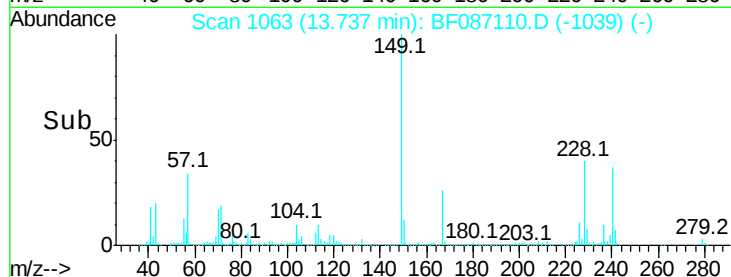
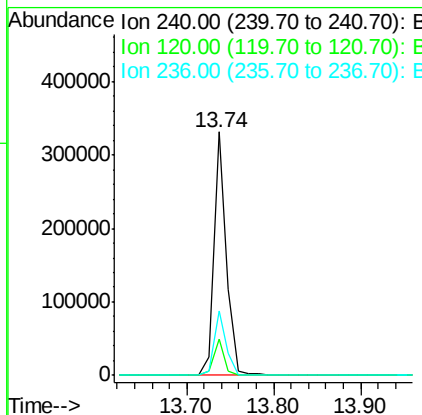
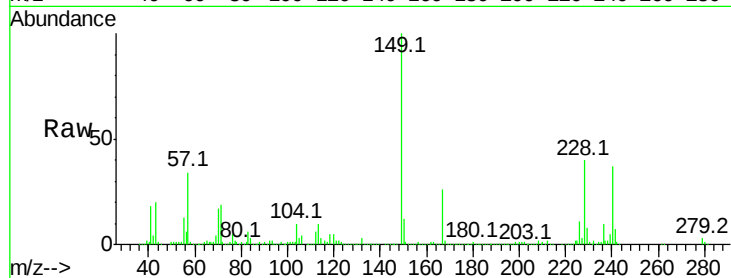
ClientSampleId :

HSR-WC-44-051216MSD

Tot Ion:	240	Resp:	333983
Ion Ratio	Lower	Upper	
240	100		
120	14.8	11.2	16.8
236	26.4	21.2	31.8

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#77

Pyrene

Concen: 33.25 ng

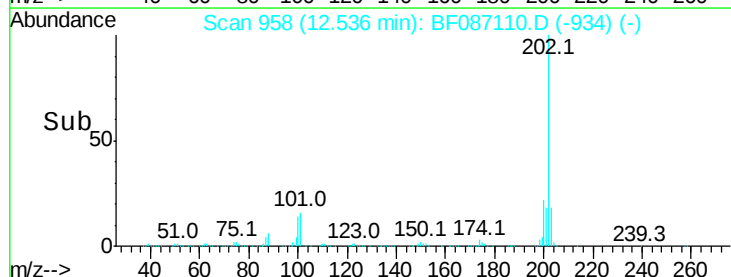
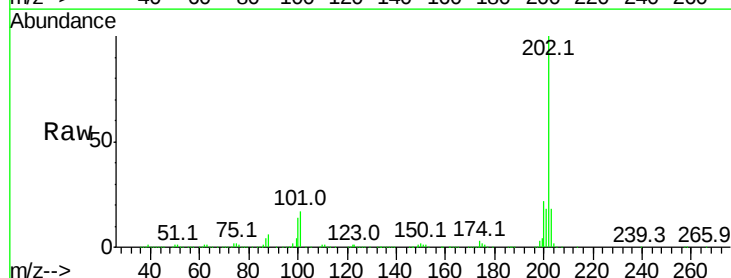
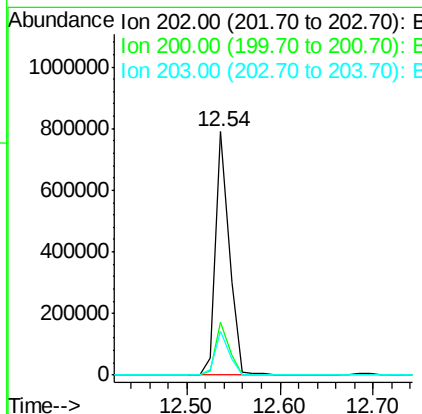
RT: 12.54 min Scan# 958

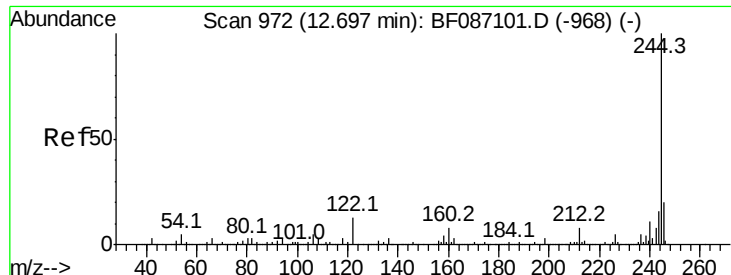
Delta R.T. -0.02 min

Lab File: BF087110.D

Acq: 17 May 2016 19:03

Tgt Ion:	202	Resp:	802334
Ion Ratio	Lower	Upper	
202	100		
200	21.9	17.7	26.5
203	18.3	14.2	21.4





#78

Terphenyl-d14

Concen: 113.43 ng

RT: 12.70 min Scan# 972

Delta R.T. -0.01 min

Lab File: BF087110.D

Acq: 17 May 2016 19:03

Instrument :

BNA_F

ClientSampleId :

HSR-WC-44-051216MSD

Tot Ion:244 Resp: 1674730

Ion Ratio Lower Upper

244 100

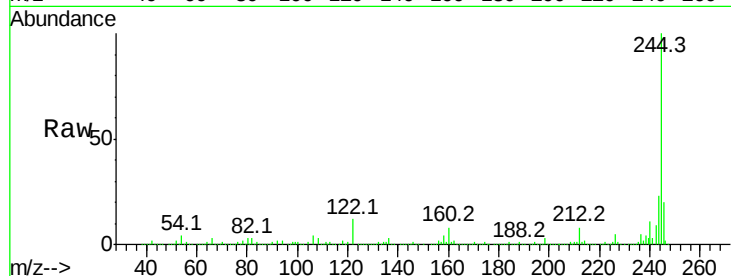
212 7.5 6.2 9.2

122 12.0 12.0 18.0#

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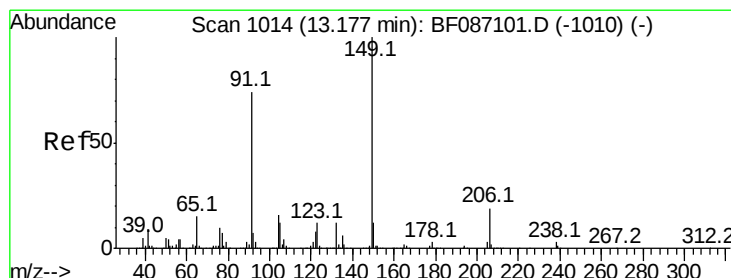
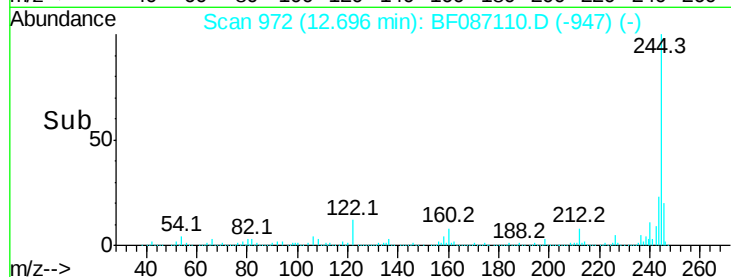
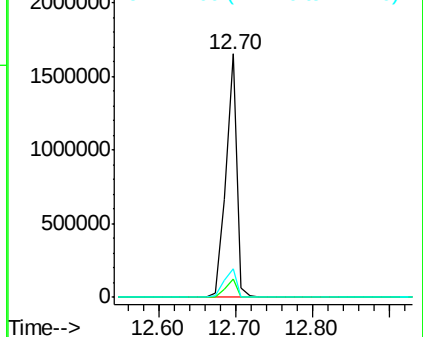
5/18/2016 6:57:41 PM



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 43.11 ng

RT: 13.18 min Scan# 1014

Delta R.T. -0.01 min

Lab File: BF087110.D

Acq: 17 May 2016 19:03

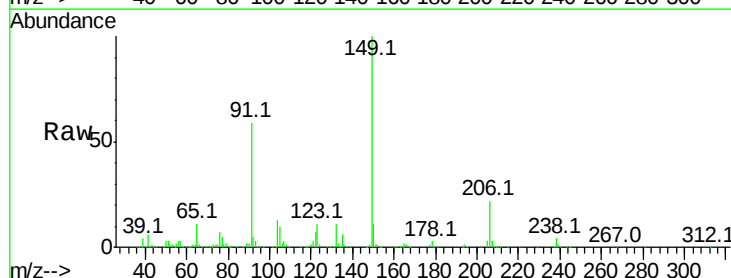
Tgt Ion:149 Resp: 439074

Ion Ratio Lower Upper

149 100

91 59.5 48.0 72.0

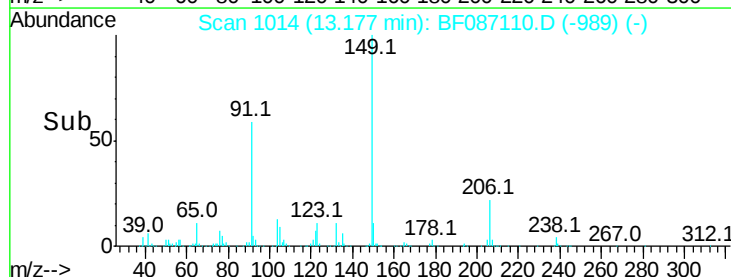
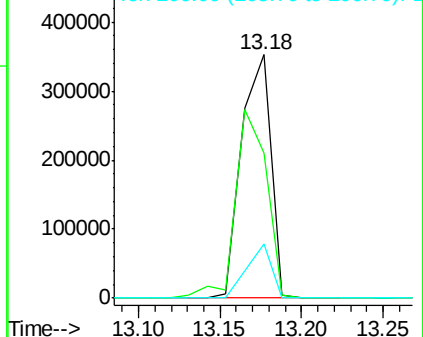
206 22.1 15.8 23.6

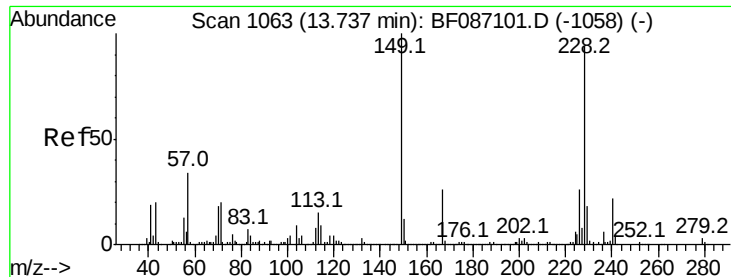


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





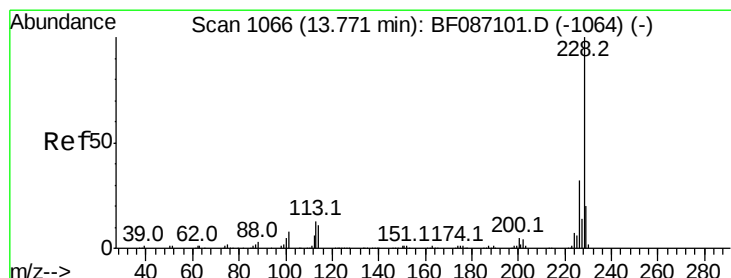
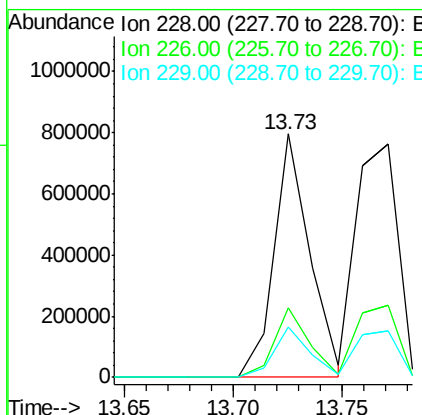
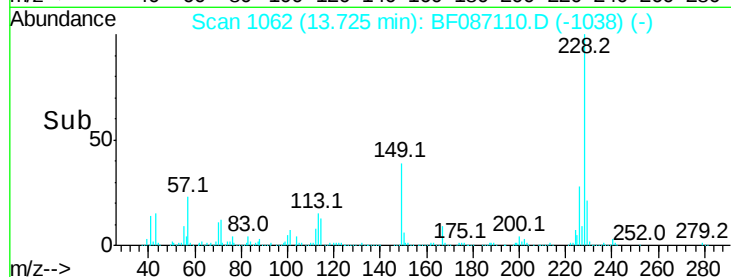
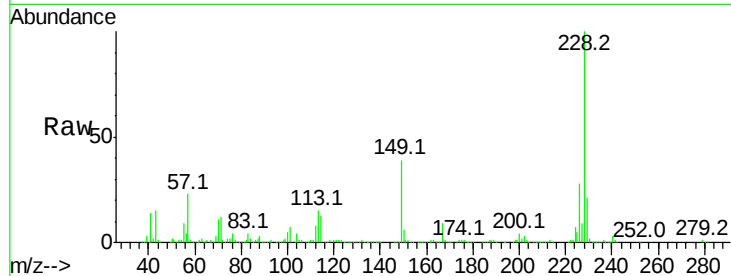
#80
Benzo(a)anthracene
Concen: 47.52 ng
RT: 13.73 min Scan# 1062
Delta R.T. -0.02 min
Lab File: BF087110.D
Acq: 17 May 2016 19:03

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

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.5	33.7
229	20.6	16.6	25.0

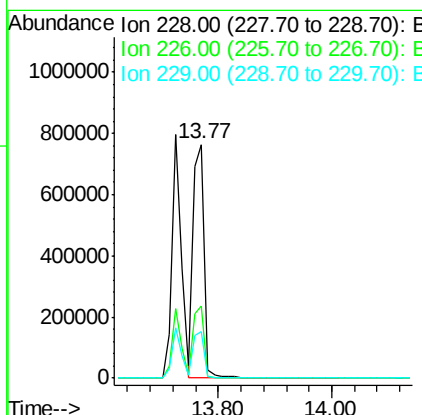
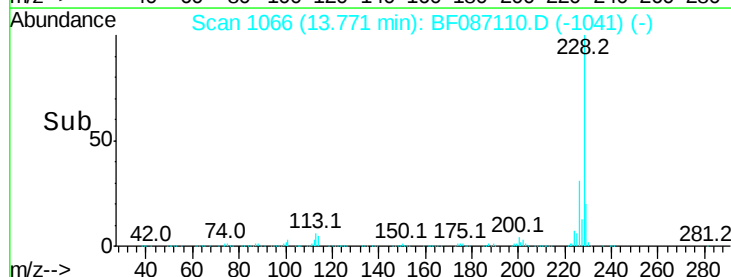
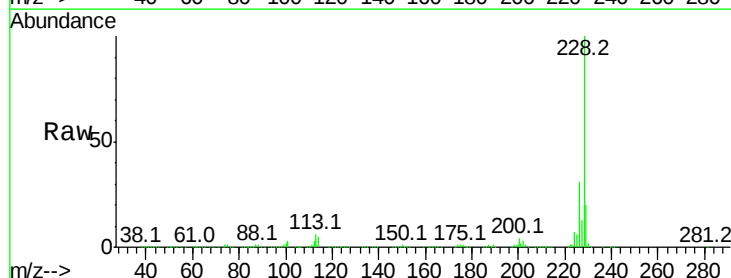
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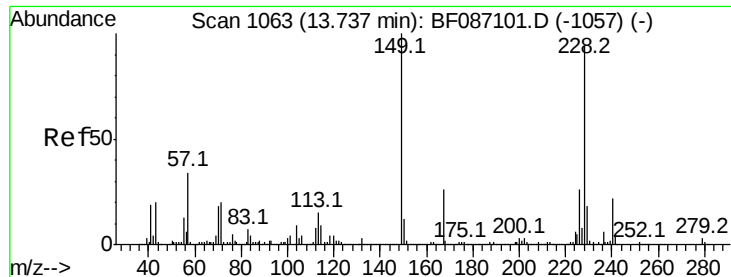
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#82
Chrysene
Concen: 55.82 ng
RT: 13.77 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BF087110.D
Acq: 17 May 2016 19:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.4	36.6
229	19.9	15.8	23.8





#83

Bis(2-ethylhexyl)phthalate

Concen: 69.06 ng

RT: 13.74 min Scan# 1063

Delta R.T. -0.01 min

Lab File: BF087110.D

Acq: 17 May 2016 19:03

Instrument :

BNA_F

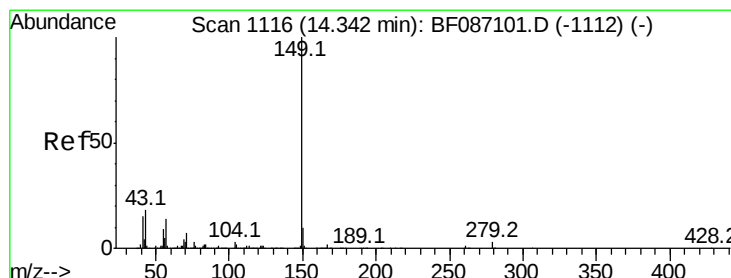
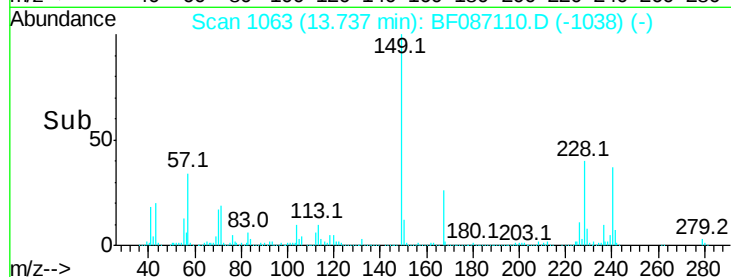
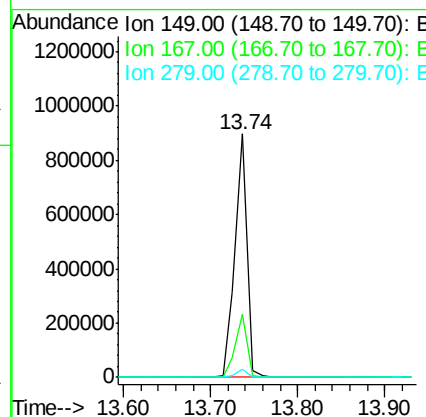
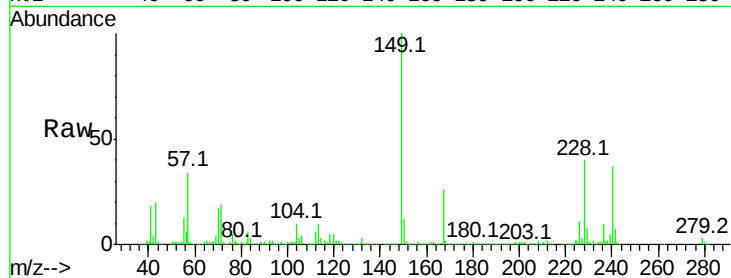
ClientSampleId :

HSR-WC-44-051216MSD

Tot Ion:	149	Resp:	856125
Ion Ratio	Lower	Upper	
149	100		
167	25.8	21.8	32.6
279	3.4	2.6	4.0

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#84

Di-n-octyl phthalate

Concen: 66.29 ng

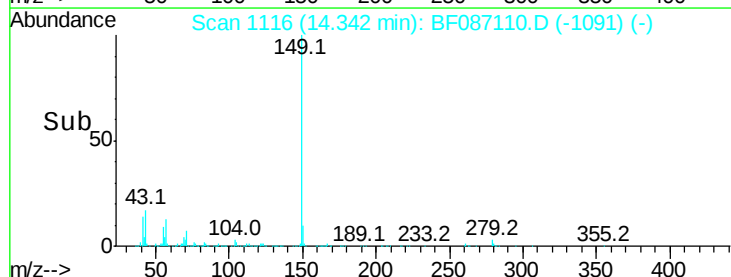
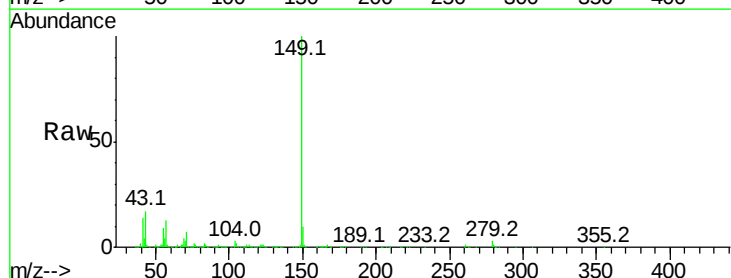
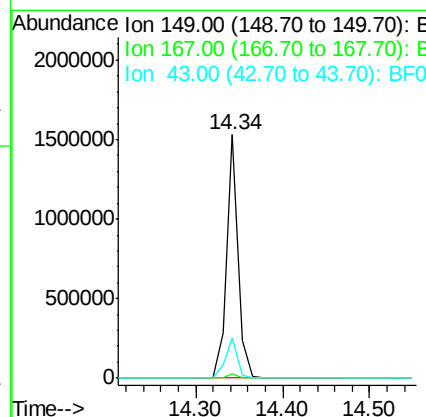
RT: 14.34 min Scan# 1116

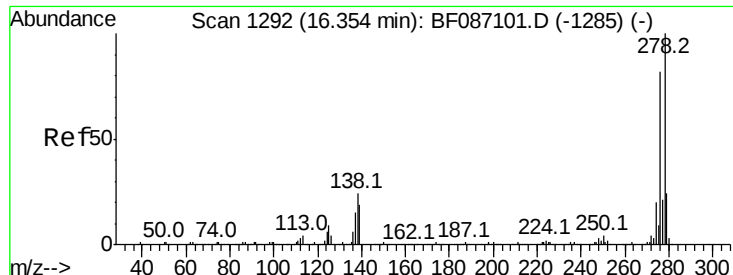
Delta R.T. -0.01 min

Lab File: BF087110.D

Acq: 17 May 2016 19:03

Tgt Ion:	149	Resp:	1415548
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	17.2	8.2	12.4#





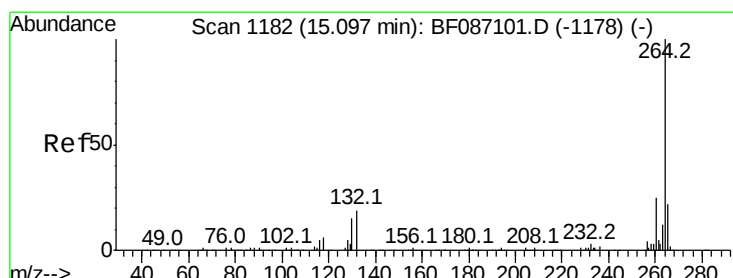
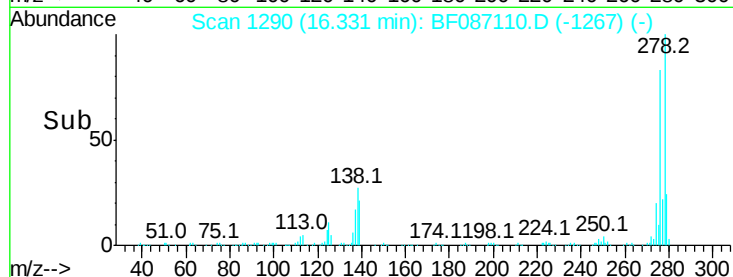
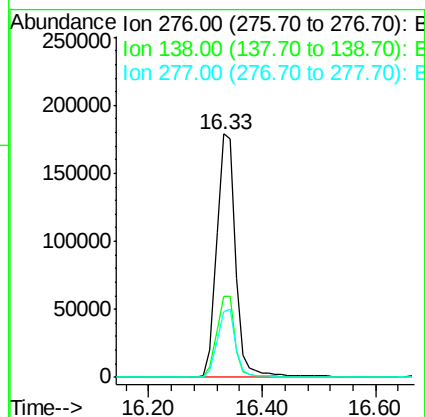
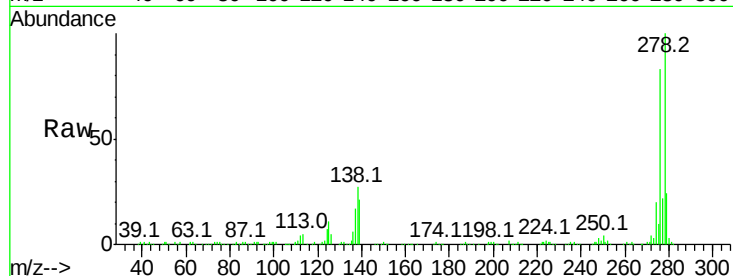
#85
Indeno(1,2,3-cd)pyrene
Concen: 25.28 ng
RT: 16.33 min Scan# 1290
Delta R.T. -0.03 min
Lab File: BF087110.D
Acq: 17 May 2016 19:03

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

Tot Ion:	276	Resp:	414658
Ion Ratio	Lower	Upper	
276	100		
138	32.3	25.6	38.4
277	27.1	20.5	30.7

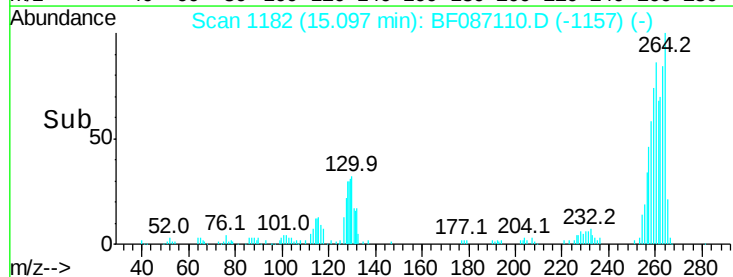
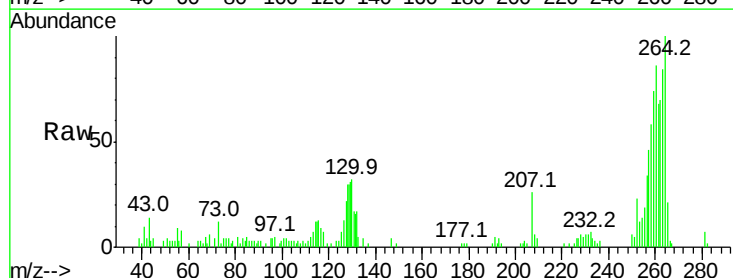
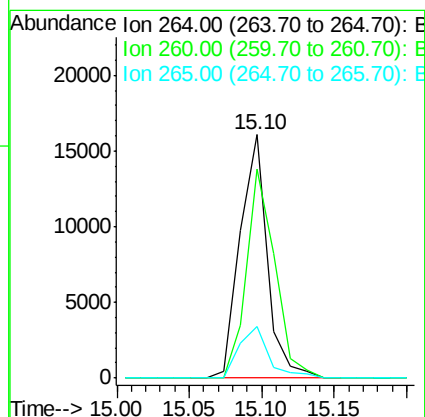
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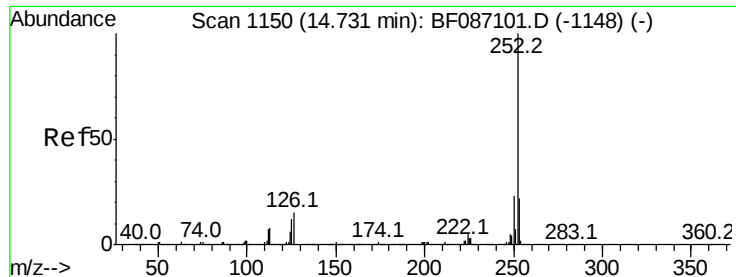
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.10 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF087110.D
Acq: 17 May 2016 19:03

Tgt Ion:	264	Resp:	20991
Ion Ratio	Lower	Upper	
264	100		
260	85.9	19.5	29.3#
265	20.9	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 687.40 ng m

RT: 14.73 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF087110.D

Acq: 17 May 2016 19:03

Instrument :

BNA_F

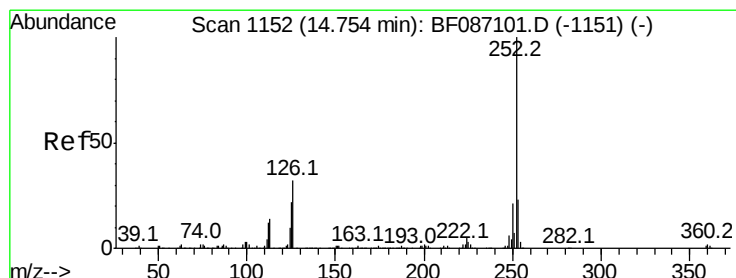
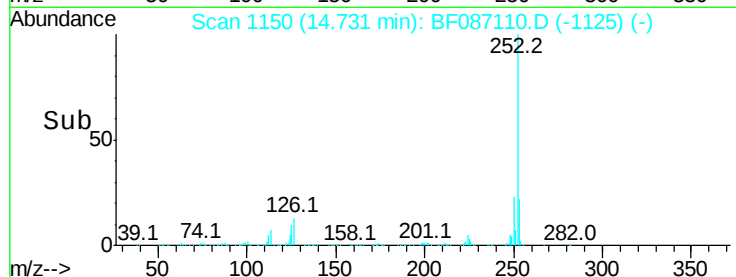
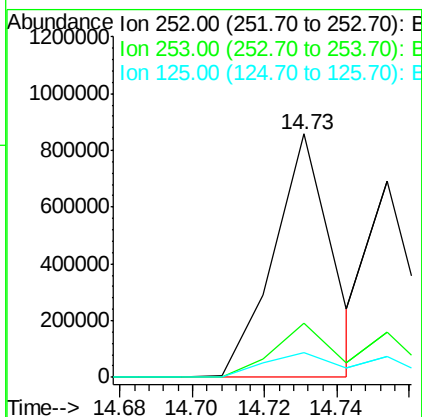
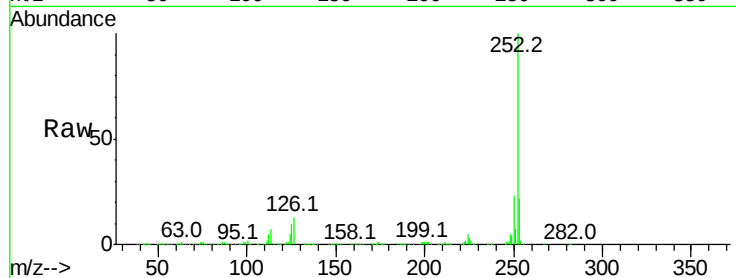
ClientSampleId :

HSR-WC-44-051216MSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	957245		
253	22.2	17.8	26.6	
125	10.0	11.4	17.0	

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#88

Benzo(k)fluoranthene

Concen: 572.25 ng m

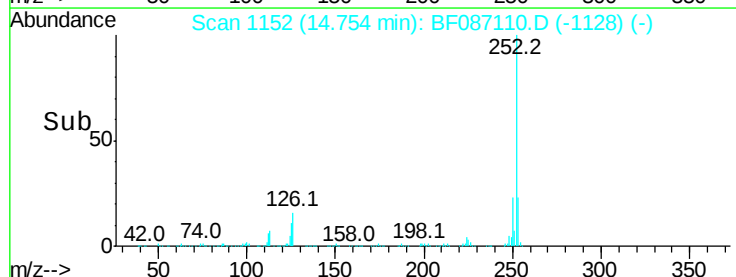
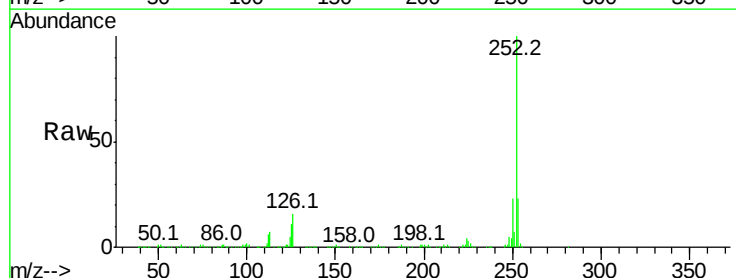
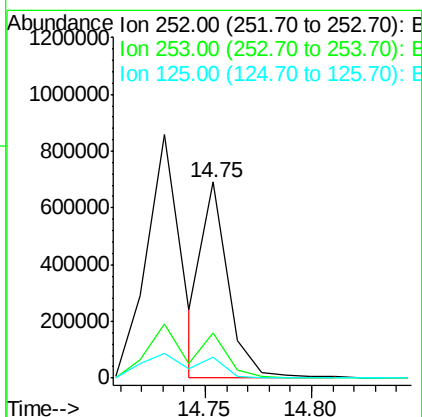
RT: 14.75 min Scan# 1152

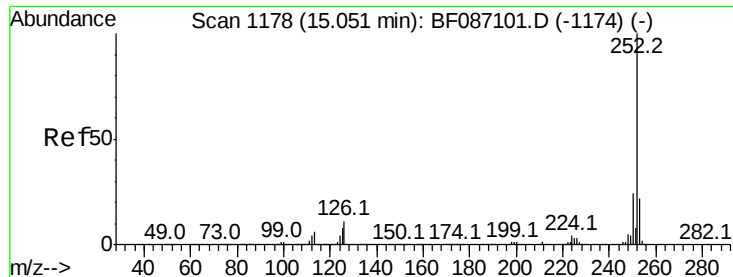
Delta R.T. -0.02 min

Lab File: BF087110.D

Acq: 17 May 2016 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	593268		
253	22.7	17.8	26.6	
125	10.6	9.1	13.7	





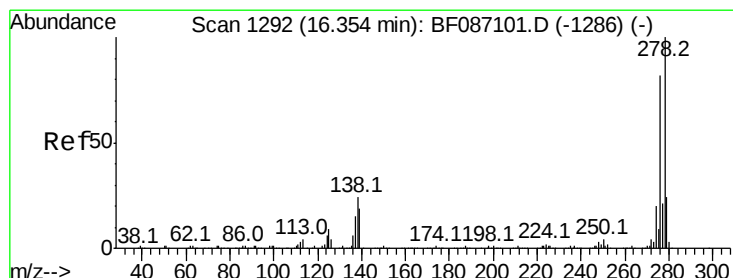
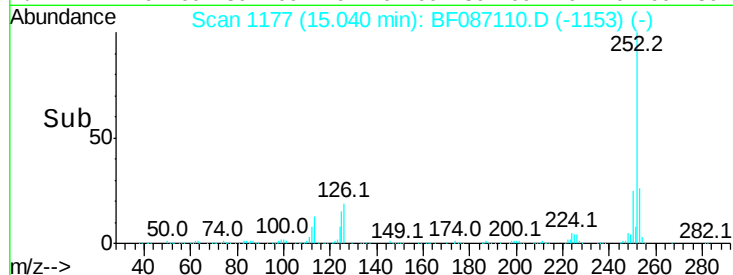
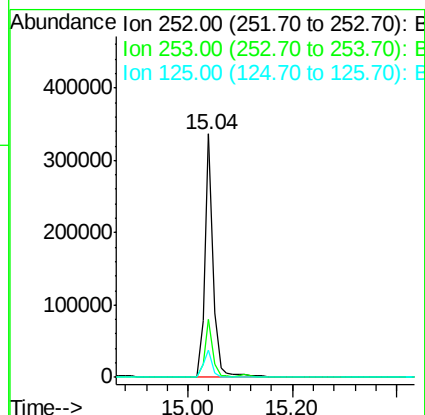
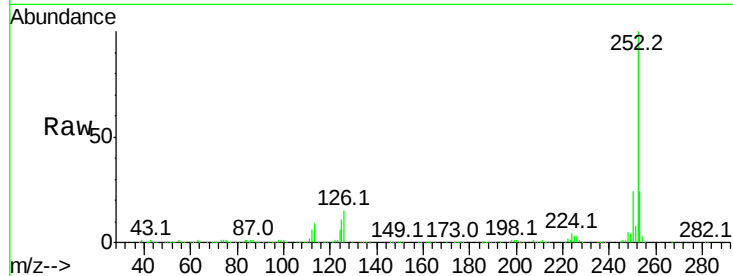
#89
Benzo(a)pyrene
Concen: 317.56 ng
RT: 15.04 min Scan# 1177
Delta R.T. -0.02 min
Lab File: BF087110.D
Acq: 17 May 2016 19:03

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

Tot Ion:	252	Resp:	369651
Ion Ratio	Lower	Upper	
252	100		
253	24.0	17.2	25.8
125	11.2	9.0	13.6

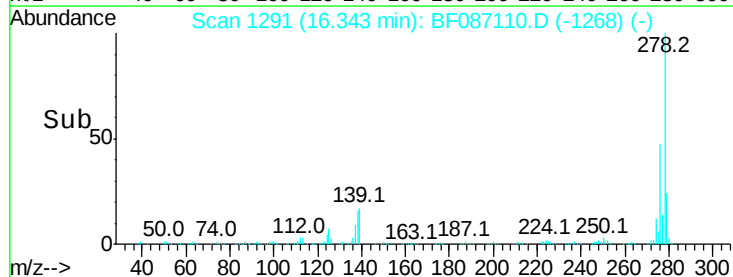
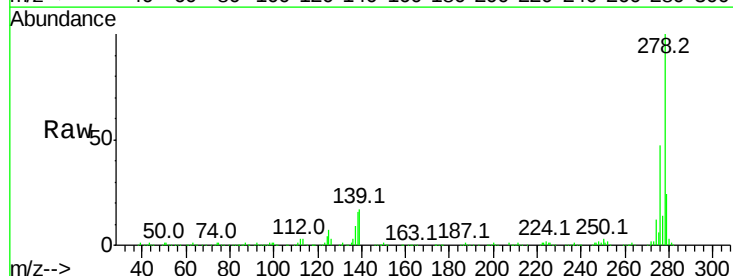
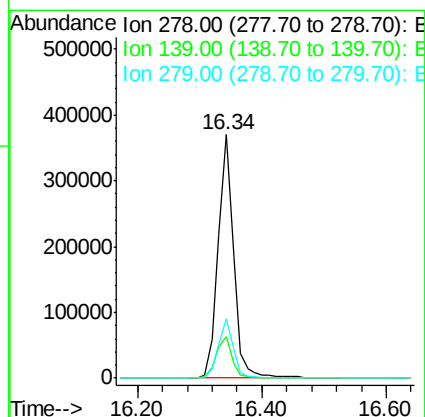
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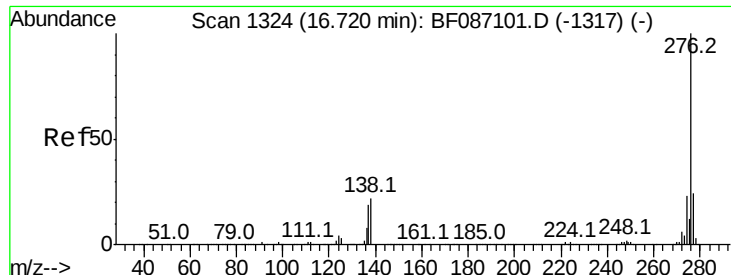
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#90
Dibenzo(a,h)anthracene
Concen: 644.39 ng
RT: 16.34 min Scan# 1291
Delta R.T. -0.03 min
Lab File: BF087110.D
Acq: 17 May 2016 19:03

Tgt Ion:	278	Resp:	631525
Ion Ratio	Lower	Upper	
278	100		
139	16.9	16.6	24.8
279	24.3	19.6	29.4





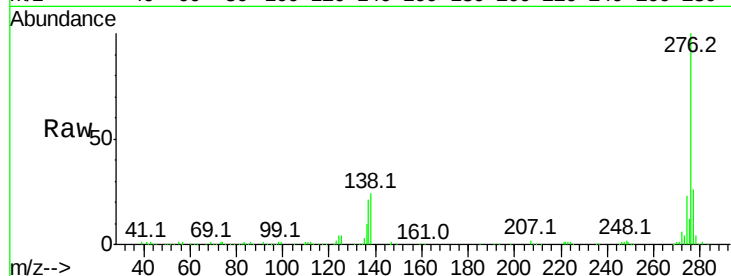
#91
 Benzo(a,h,i)perylene
 Concen: 335.75 ng
 RT: 16.70 min Scan# 1322
 Delta R.T. -0.05 min
 Lab File: BF087110.D
 Acq: 17 May 2016 19:03

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

Tot Ion:	276	Resp:	332341
Ion Ratio	Lower	Upper	
276	100		
277	25.7	19.6	29.4
138	23.7	23.6	35.4

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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

