

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061616\
 Data File : BF088074.D
 Acq On : 16 Jun 2016 14:27
 Operator : UM/SJ
 Sample : H3510-01MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-52-060916MS

Manual Integrations
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 6/17/2016 7:15:33 PM

Quant Time: Jun 16 16:16:19 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 16 14:54:54 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	97995	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	400062	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	188275	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	369769	20.00	ng	0.00
75) Chrysene-d12	13.87	240	242791	20.00	ng	0.01
86) Perylene-d12	15.25	264	28328	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	704033	122.82	ng	0.03
7) Phenol-d6	6.38	99	794683	114.39	ng	0.01
23) Nitrobenzene-d5	7.29	82	549738	80.24	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	226384	113.88	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1012765	84.47	ng	0.00
78) Terphenyl-d14	12.82	244	952805	89.30	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.43	88	100080	35.93	ng	# 87
3) Pyridine	3.11	79	153888m	23.40	ng	
4) n-Nitrosodimethylamine	3.00	42	107005	38.42	ng	80
8) 2-Chlorophenol	6.51	128	289380	42.65	ng	84
9) Benzaldehyde	6.27	77	14734	2.95	ng	97
10) Phenol	6.39	94	324220	45.21	ng	98
11) bis(2-Chloroethyl)ether	6.47	93	279403	45.87	ng	86
12) 1,3-Dichlorobenzene	6.66	146	304764m	41.87	ng	
13) 1,4-Dichlorobenzene	6.74	146	303048	41.33	ng	94
14) 1,2-Dichlorobenzene	6.89	146	294570m	44.17	ng	
15) Benzyl Alcohol	6.87	79	63198	11.63	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.00	45	326323	39.65	ng	82
17) 2-Methylphenol	6.99	107	227515	41.35	ng	99
18) Hexachloroethane	7.23	117	110373	42.42	ng	96
19) n-Nitroso-di-n-propylamine	7.14	70	183226	41.23	ng	88
20) 3+4-Methylphenols	7.14	107	268033	41.75	ng	# 75
22) Acetophenone	7.14	105	387750	43.37	ng	# 95
24) Nitrobenzene	7.31	77	302848	45.63	ng	93
25) Isophorone	7.55	82	550862	43.41	ng	97
26) 2-Nitrophenol	7.62	139	153126	43.07	ng	90
27) 2,4-Dimethylphenol	7.68	122	265585	40.58	ng	98
28) bis(2-Chloroethoxy)methane	7.76	93	212717	27.03	ng	97
29) 2,4-Dichlorophenol	7.87	162	260436	47.66	ng	96
30) 1,2,4-Trichlorobenzene	7.95	180	256139	43.04	ng	98
31) Naphthalene	8.02	128	871244	44.01	ng	99
32) Benzoic acid	7.82	122	183050	50.79	ng	95
33) 4-Chloroaniline	8.02	127	113832	12.88	ng	# 32
34) Hexachlorobutadiene	8.15	225	129590	41.29	ng	100
35) Caprolactam	8.47	113	83296m	46.02	ng	
36) 4-Chloro-3-methylphenol	8.58	107	270144	46.22	ng	89
37) 2-Methylnaphthalene	8.72	142	564616	43.27	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	239049	51.14	ng	# 1
40) Hexachlorocyclopentadiene	8.87	237	144681	47.64	ng	99
42) 2,4,6-Trichlorophenol	9.00	196	177342	47.10	ng	98

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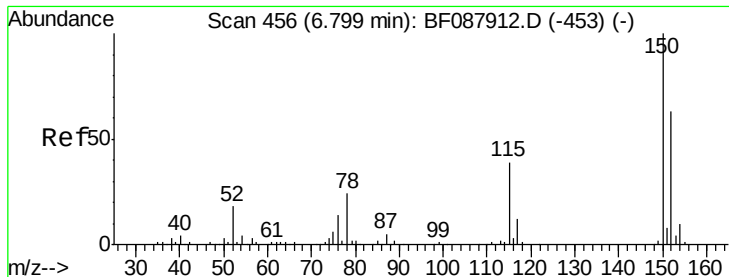
Manual Integrations
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Quant Time: Jun 16 16:16:19 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.05	196	160481	40.97	nq	# 88
45) 1,1'-Biphenyl	9.19	154	730094	52.73	nq	97
46) 2-Chloronaphthalene	9.21	162	552240	45.33	nq	94
47) 2-Nitroaniline	9.30	65	80836	22.49	nq	98
48) Acenaphthylene	9.62	152	739198	38.14	nq	99
49) Dimethylphthalate	9.50	163	697981	51.18	nq	99
50) 2,6-Dinitrotoluene	9.55	165	159514	51.07	nq	# 83
51) Acenaphthene	9.79	154	518817	42.91	nq	100
53) 2,4-Dinitrophenol	9.83	184	131465	77.44	nq	97
54) Dibenzofuran	9.96	168	747677	44.91	nq	91
55) 4-Nitrophenol	9.90	139	190141	67.97	nq	88
56) 2,4-Dinitrotoluene	9.95	165	176060	43.86	nq	# 54
57) Fluorene	10.31	166	617078	56.03	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.09	232	129344	42.02	nq	# 51
59) Diethylphthalate	10.19	149	683663	49.52	nq	98
60) 4-Chlorophenyl-phenylether	10.30	204	230852	41.69	nq	96
61) 4-Nitroaniline	10.33	138	45620	13.34	nq	90
62) Azobenzene	10.46	77	562680	41.22	nq	97
64) 4,6-Dinitro-2-methylphenol	10.36	198	109252m	47.36	nq	
65) n-Nitrosodiphenylamine	10.42	169	111920	9.12	nq	99
66) 4-Bromophenyl-phenylether	10.79	248	172471	43.48	nq	96
67) Hexachlorobenzene	10.84	284	175851	42.66	nq	91
69) Pentachlorophenol	11.05	266	188093	86.57	nq	98
70) Phenanthrene	11.27	178	887724	45.75	nq	99
71) Anthracene	11.31	178	841974	43.02	nq	100
72) Carbazole	11.46	167	102852	5.62	nq	99
73) Di-n-butylphthalate	11.80	149	964331	41.59	nq	100
74) Fluoranthene	12.44	202	860889	42.04	nq	100
77) Pvrene	12.67	202	777363	43.15	nq	100
79) Butylbenzylphthalate	13.29	149	371877	46.69	nq	# 83
80) Benzo(a)anthracene	13.85	228	606641	43.85	nq	99
82) Chrysene	13.90	228	719515	55.28	nq	99
83) Bis(2-ethylhexyl)phthalate	13.85	149	486397	50.16	nq	98
84) Di-n-octyl phthalate	14.47	149	1018041	64.61	nq	# 100
85) Indeno(1,2,3-cd)pvrene	16.57	276	356895	29.51	nq	# 100
87) Benzo(b)fluoranthene	14.87	252	647100m	327.74	nq	
88) Benzo(k)fluoranthene	14.89	252	504095m	338.45	nq	
89) Benzo(a)pyrene	15.20	252	345822	216.49	nq	# 95
90) Dibenzo(a,h)anthracene	16.58	278	449596	303.03	nq	98
91) Benzo(g,h,i)perylene	16.96	276	288946	189.33	nq	98

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



#1

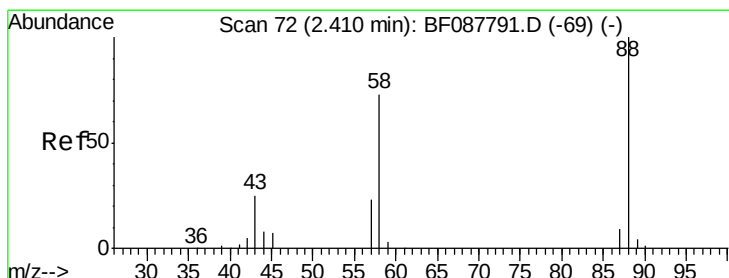
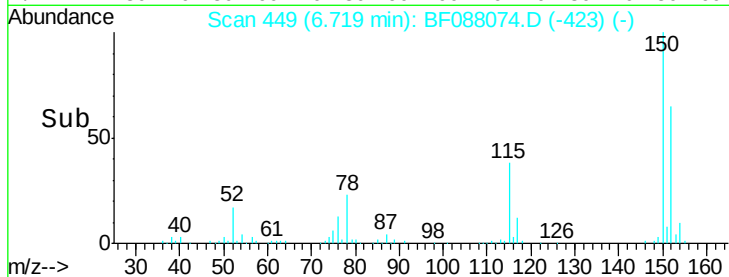
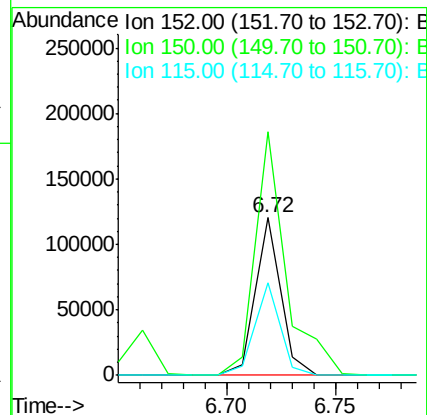
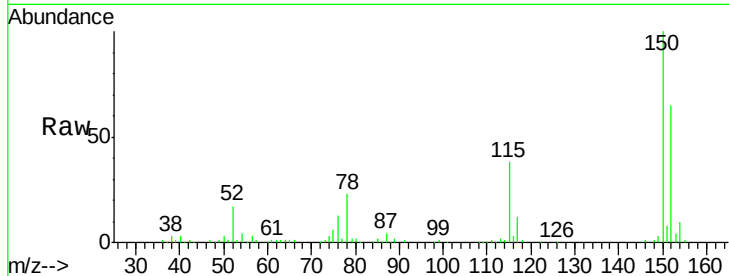
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.72 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF088074.D
Acq: 16 Jun 2016 14:27

Instrument :
BNA_F
ClientSampleId :
HSR-WC-52-060916MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.6	123.8	185.6
115	59.0	39.6	59.4

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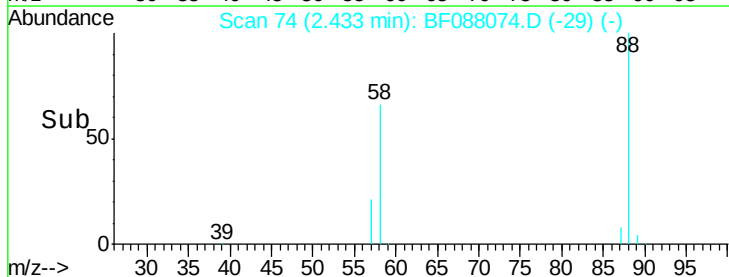
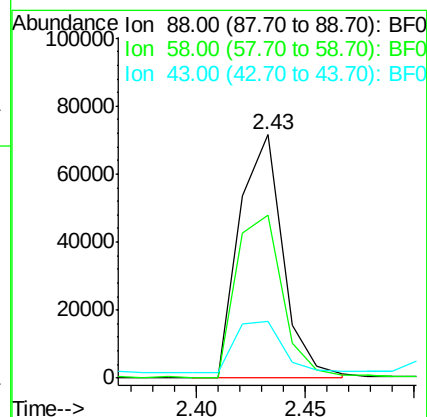
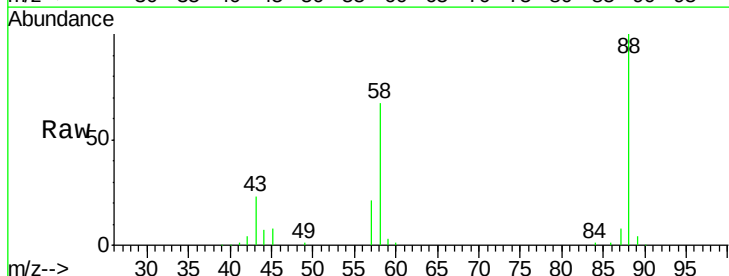
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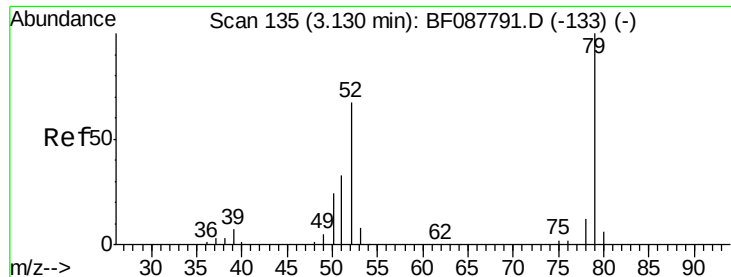


#2

1,4-Dioxane
Concen: 35.93 ng
RT: 2.43 min Scan# 74
Delta R.T. 0.22 min
Lab File: BF088074.D
Acq: 16 Jun 2016 14:27

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





#3

Pvridine

Concen: 23.40 ng/ml

RT: 3.11 min Scan# 133

Delta R.T. 0.22 min

Lab File: BF088074.D

Acq: 16 Jun 2016 14:27

Instrument :

BNA_F

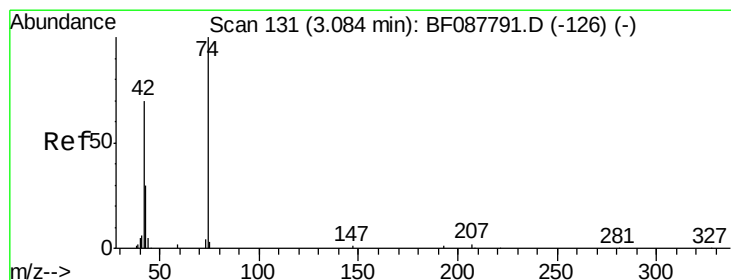
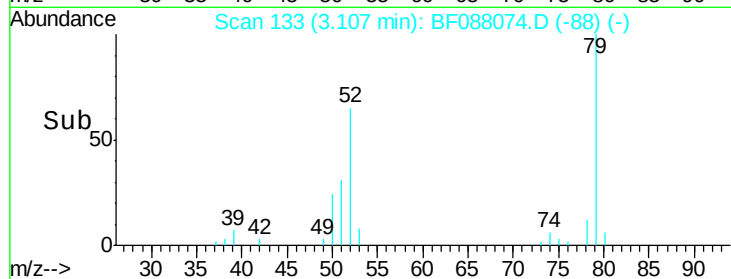
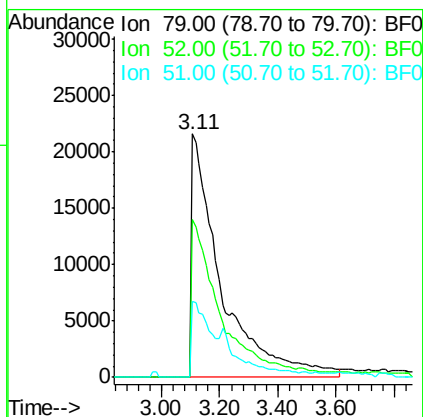
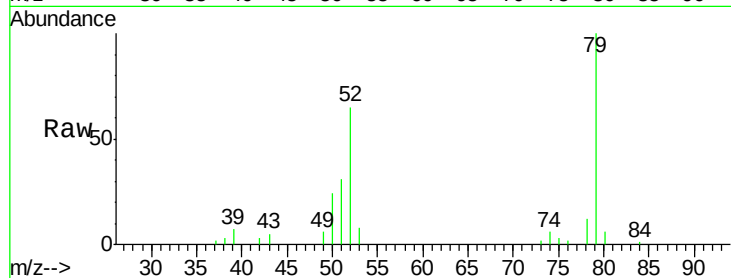
ClientSampleId :

HSR-WC-52-060916MS

Tot Ion:	79	Resp:	153888
Ion	Ratio	Lower	Upper
79	100		
52	64.7	56.3	84.5
51	31.3	27.4	41.2

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#4

n-Nitrosodimethylamine

Concen: 38.42 ng/ml

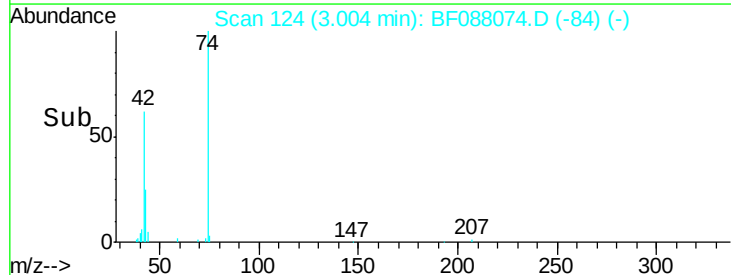
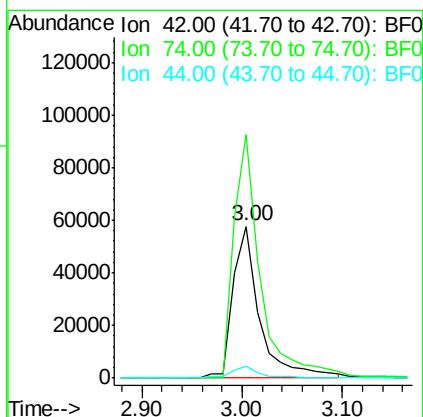
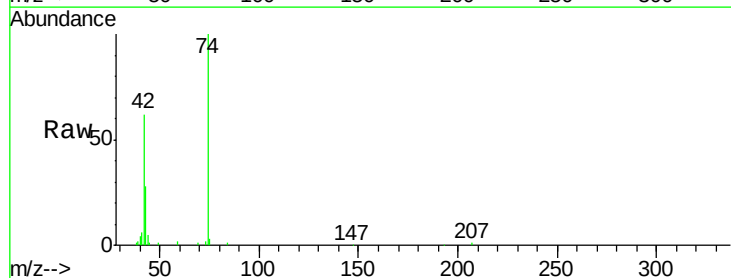
RT: 3.00 min Scan# 124

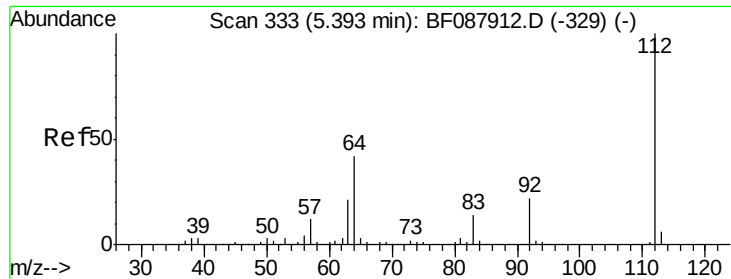
Delta R.T. 0.16 min

Lab File: BF088074.D

Acq: 16 Jun 2016 14:27

Tgt Ion:	42	Resp:	107005
Ion	Ratio	Lower	Upper
42	100		
74	160.5	108.6	163.0
44	7.6	5.5	8.3





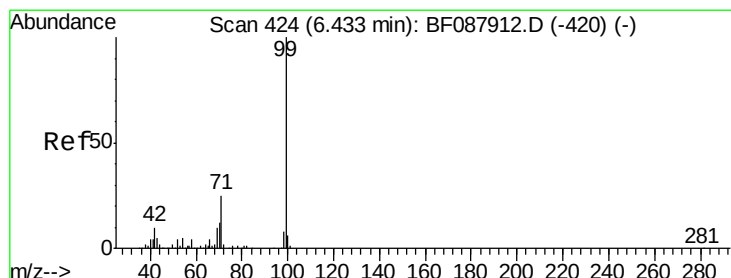
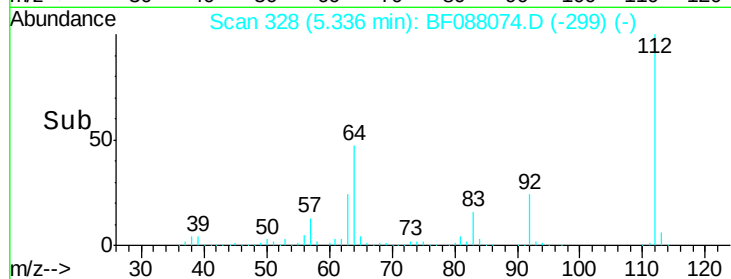
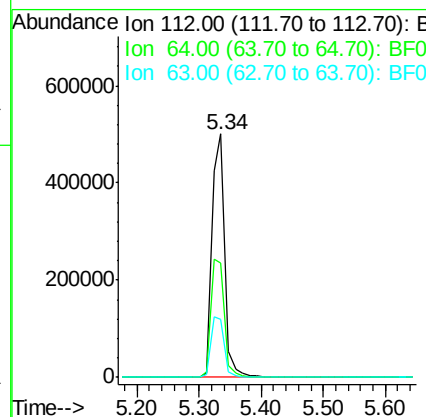
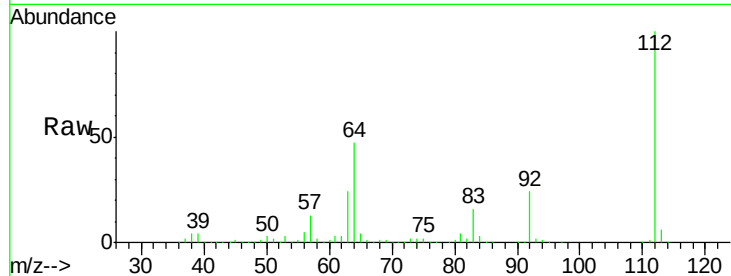
#5
 2-Fluorophenol
 Concen: 122.82 ng
 RT: 5.34 min Scan# 328
 Delta R.T. 0.03 min
 Lab File: BF088074.D
 Acq: 16 Jun 2016 14:27

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-52-060916MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		704033		
64	46.8		42.2	63.2	
63	23.9		21.8	32.8	

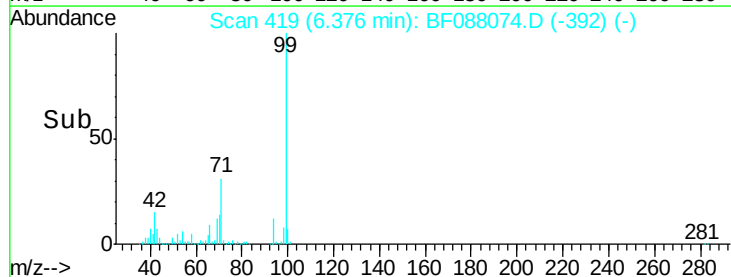
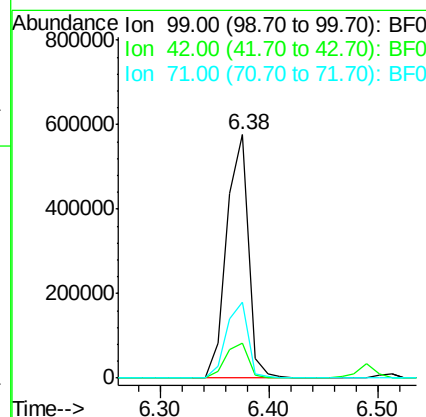
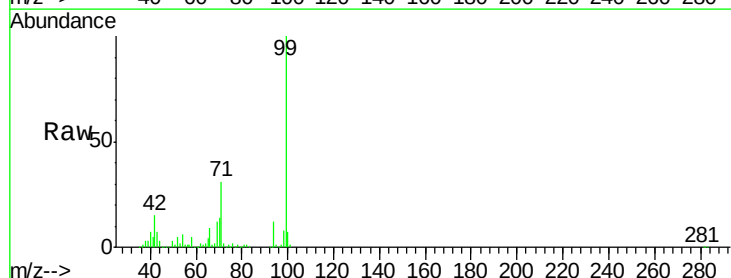
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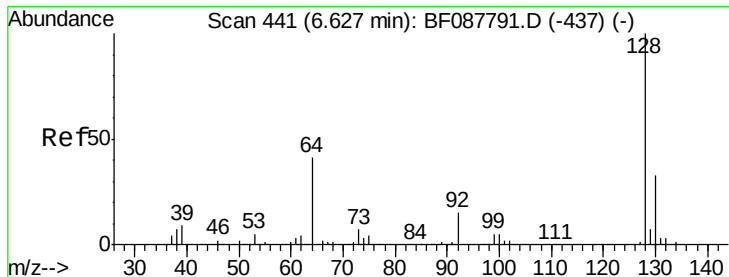
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#7
 Phenol-d6
 Concen: 114.39 ng
 RT: 6.38 min Scan# 419
 Delta R.T. 0.01 min
 Lab File: BF088074.D
 Acq: 16 Jun 2016 14:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
99	100		794683		
42	14.6		12.2	18.2	
71	31.3		23.4	35.0	





#8

2-Chlorophenol

Concen: 42.65 ng

RT: 6.51 min Scan# 431

Delta R.T. 0.01 min

Lab File: BF088074.D

Acq: 16 Jun 2016 14:27

Instrument :

BNA_F

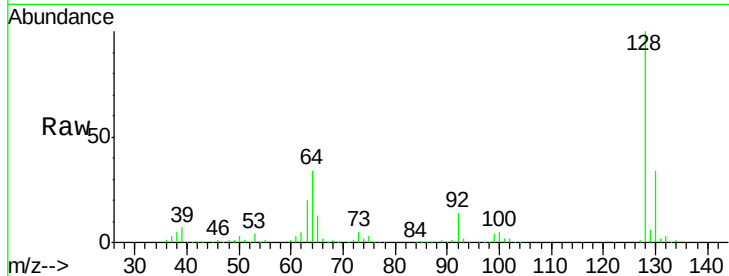
ClientSampleId :

HSR-WC-52-060916MS

Tot Ion:	128	Resp:	289380
Ion Ratio	Lower	Upper	
128	100		
130	33.6	12.0	52.0
64	34.0	30.8	70.8

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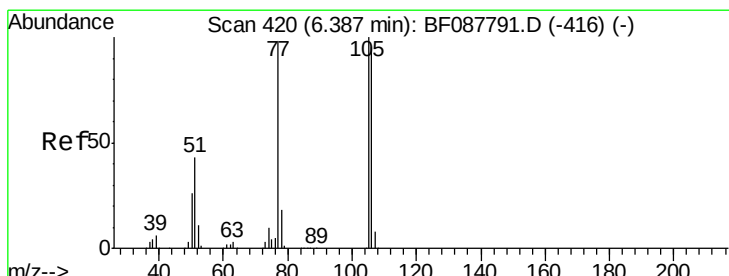
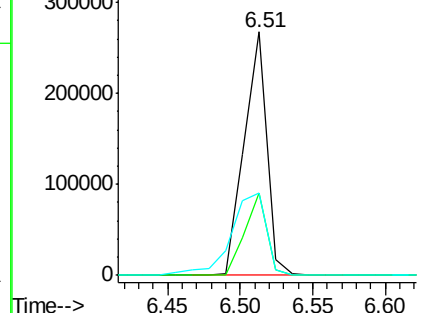
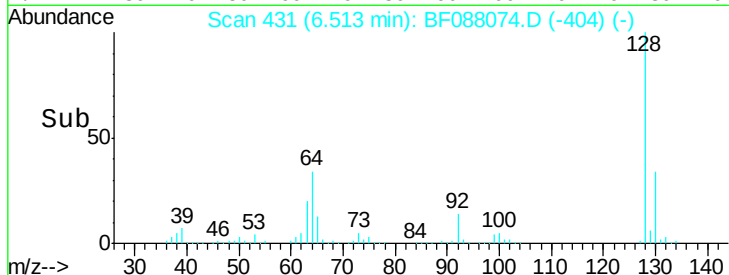
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0



#9

Benzaldehyde

Concen: 2.95 ng

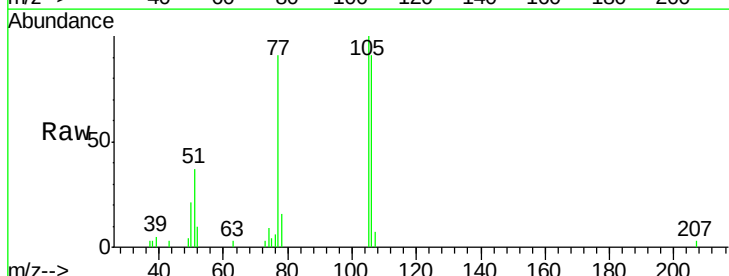
RT: 6.27 min Scan# 410

Delta R.T. 0.01 min

Lab File: BF088074.D

Acq: 16 Jun 2016 14:27

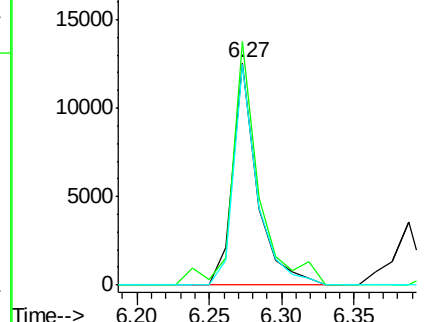
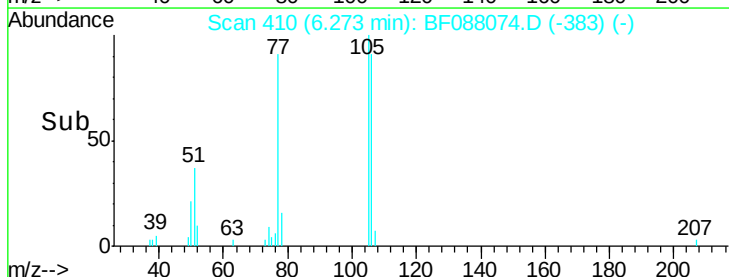
Tgt Ion:	77	Resp:	14734
Ion Ratio	Lower	Upper	
77	100		
105	109.5	90.6	130.6
106	99.5	85.3	125.3

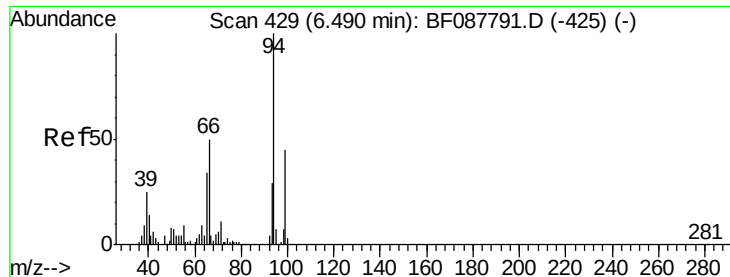


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 45.21 ng

RT: 6.39 min Scan# 420

Delta R.T. 0.01 min

Lab File: BF088074.D

Acq: 16 Jun 2016 14:27

Instrument :

BNA_F

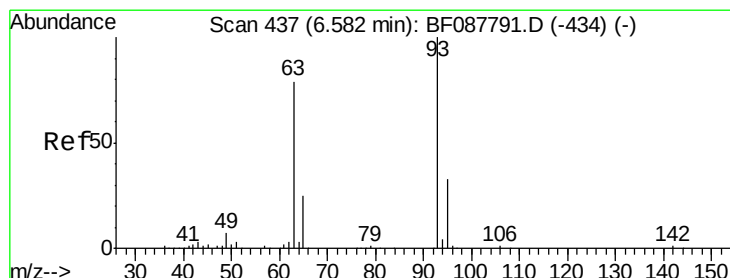
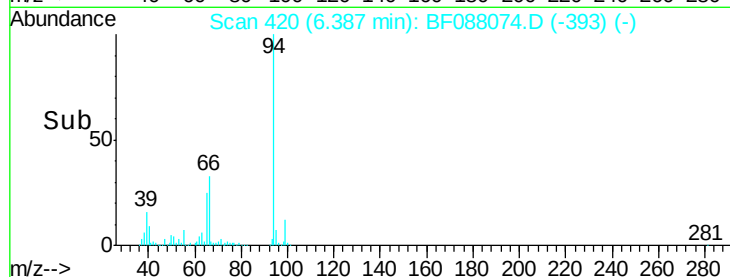
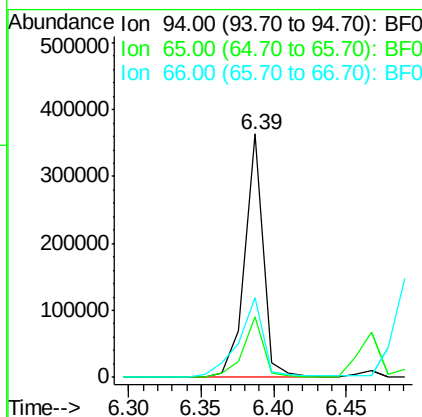
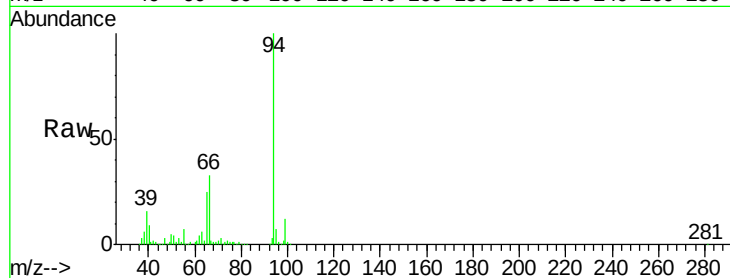
ClientSampleId :

HSR-WC-52-060916MS

Tot Ion:	94	Resp:	324220
Ion	Ratio	Lower	Upper
94	100		
65	25.1	5.9	45.9
66	33.0	14.0	54.0

Manual Integrations
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#11

bis(2-Chloroethyl)ether

Concen: 45.87 ng

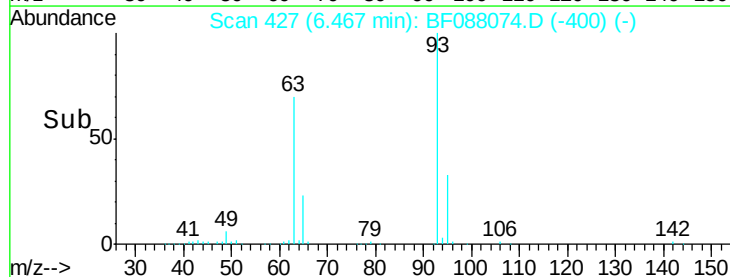
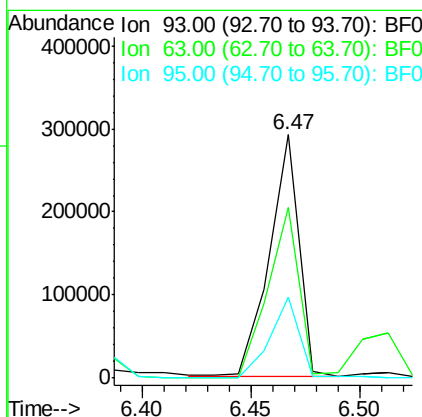
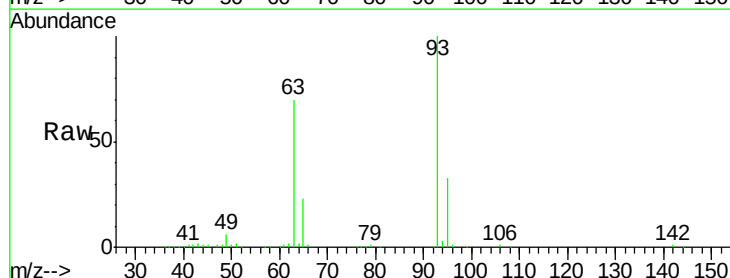
RT: 6.47 min Scan# 427

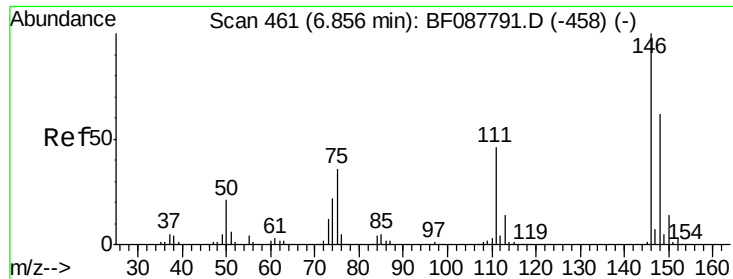
Delta R.T. 0.01 min

Lab File: BF088074.D

Acq: 16 Jun 2016 14:27

Tgt Ion:	93	Resp:	279403
Ion	Ratio	Lower	Upper
93	100		
63	70.2	67.6	107.6
95	33.2	12.5	52.5





#12

1,3-Dichlorobenzene

Concen: 41.87 ng/mL

RT: 6.66 min Scan# 444

Delta R.T. 0.00 min

Lab File: BF088074.D

Acq: 16 Jun 2016 14:27

Instrument :

BNA_F

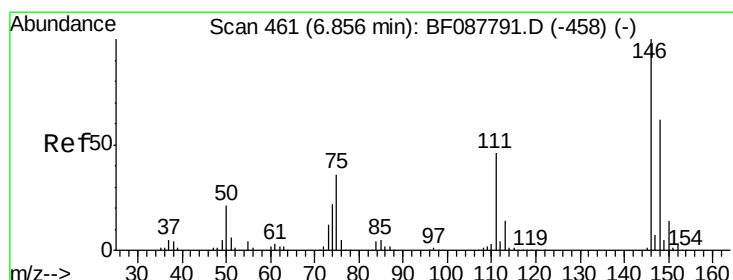
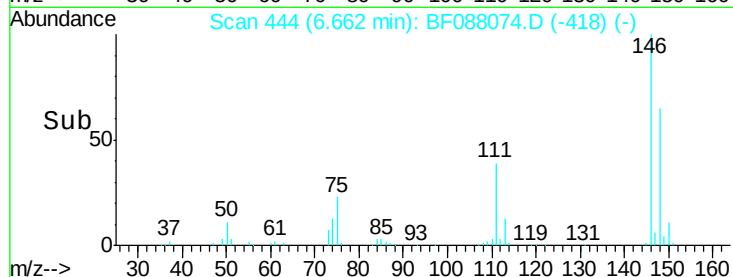
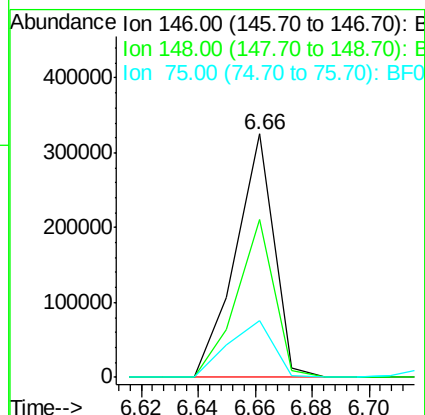
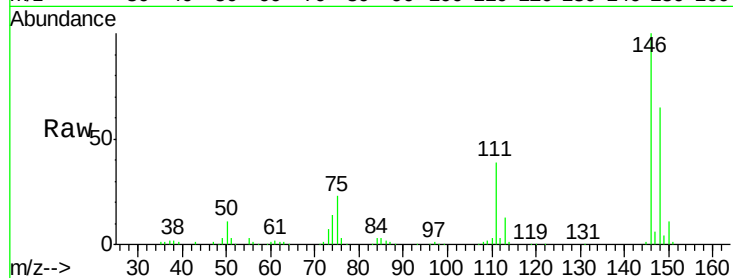
ClientSampleId :

HSR-WC-52-060916MS

Tot Ion:	146	Resp:	304764
Ion Ratio	Lower	Upper	
146	100		
148	64.9	50.9	76.3
75	23.4	25.6	38.4

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#13

1,4-Dichlorobenzene

Concen: 41.33 ng/mL

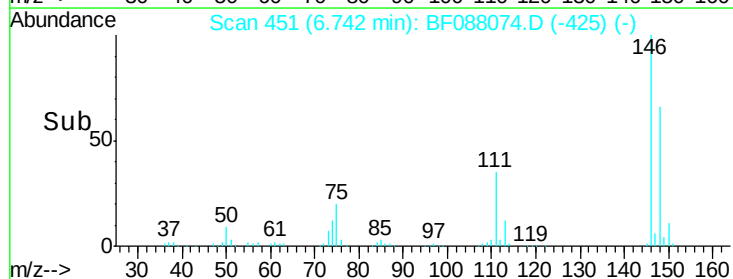
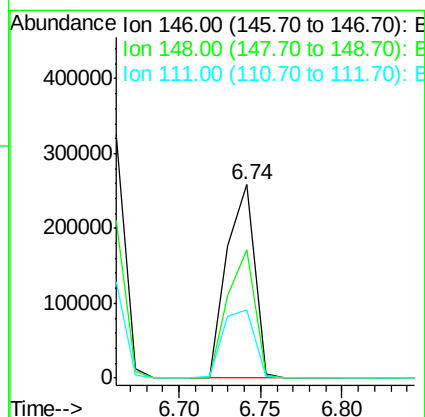
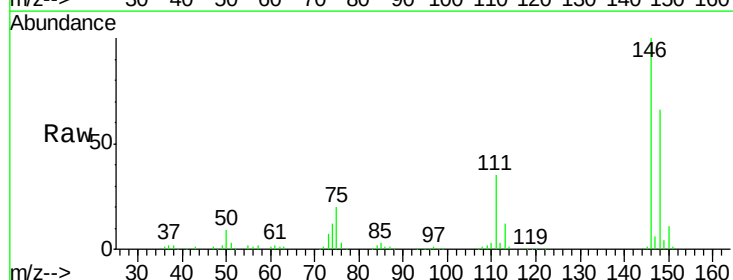
RT: 6.74 min Scan# 451

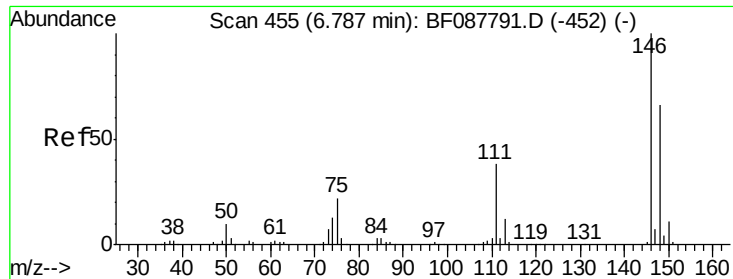
Delta R.T. -0.00 min

Lab File: BF088074.D

Acq: 16 Jun 2016 14:27

Tgt Ion:	146	Resp:	303048
Ion Ratio	Lower	Upper	
146	100		
148	66.5	52.0	78.0
111	35.0	33.8	50.8





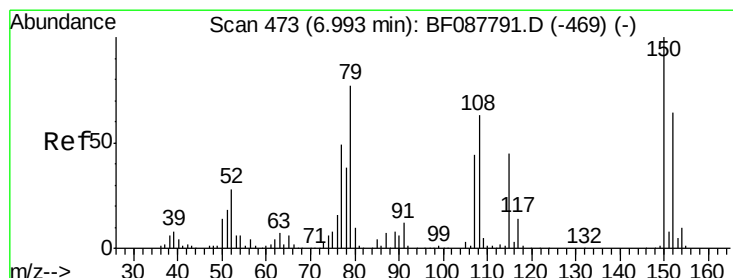
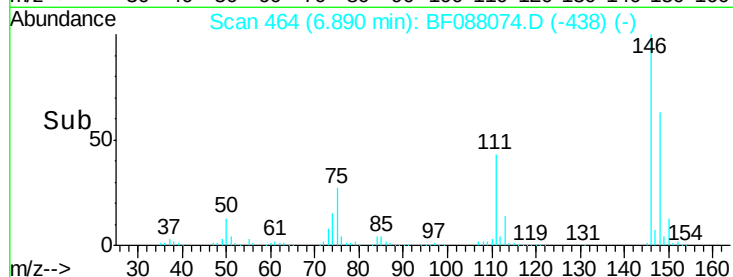
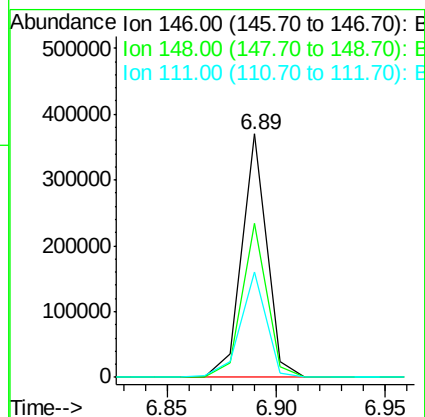
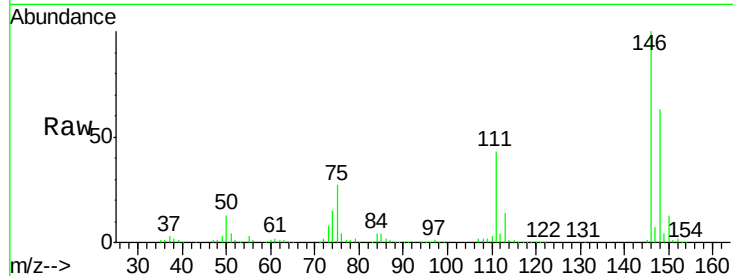
#14
 1,2-Dichlorobenzene
 Concen: 44.17 ng/ml
 RT: 6.89 min Scan# 464
 Delta R.T. 0.00 min
 Lab File: BF088074.D
 Acq: 16 Jun 2016 14:27

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-52-060916MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.4	52.3	78.5
111	43.2	28.7	43.1

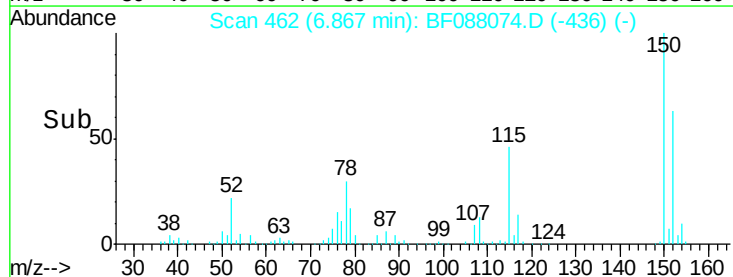
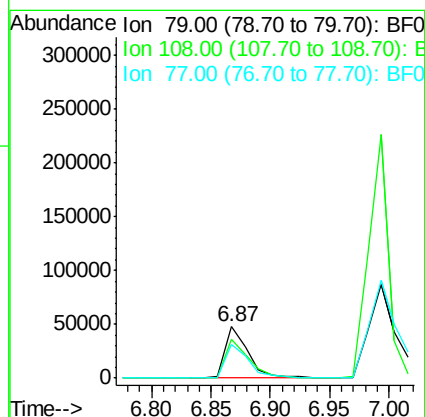
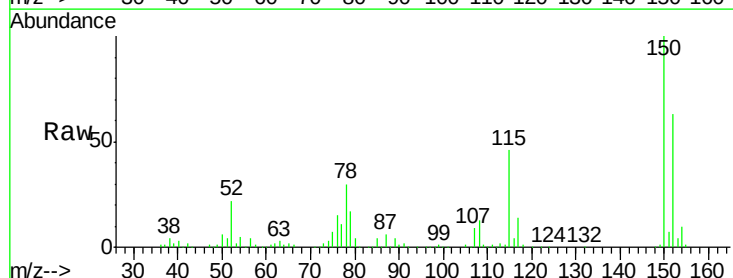
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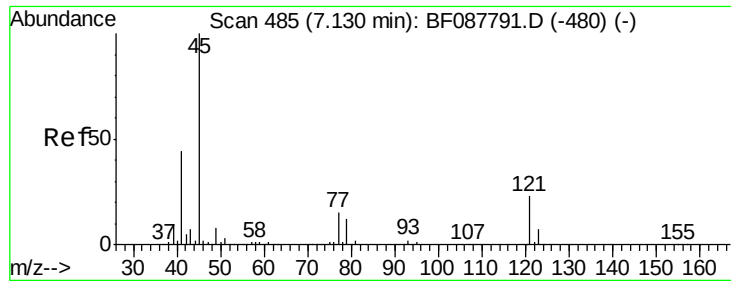
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#15
 Benzyl Alcohol
 Concen: 11.63 ng/ml
 RT: 6.87 min Scan# 462
 Delta R.T. 0.00 min
 Lab File: BF088074.D
 Acq: 16 Jun 2016 14:27

Tgt Ion	Ratio	Lower	Upper
79	100		
108	75.2	65.0	97.6
77	65.4	50.3	75.5





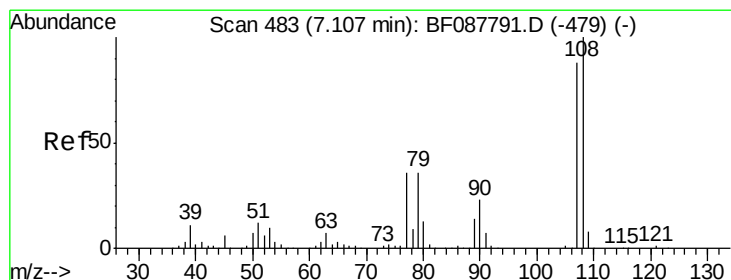
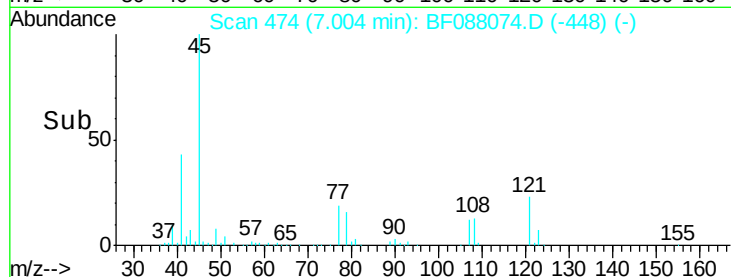
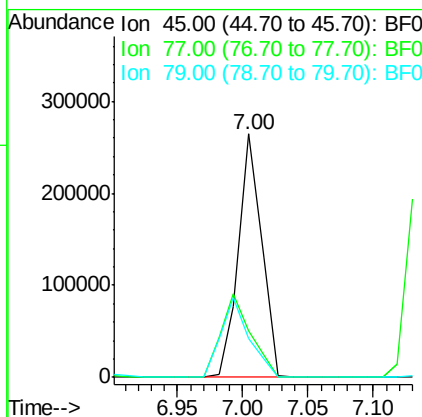
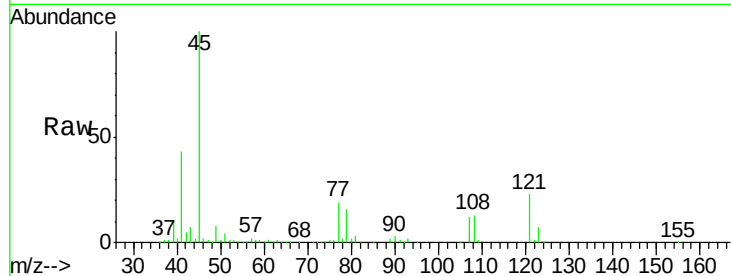
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 39.65 ng
RT: 7.00 min Scan# 474
Delta R.T. -0.00 min
Lab File: BF088074.D
Acq: 16 Jun 2016 14:27

Instrument :
BNA_F
ClientSampleId :
HSR-WC-52-060916MS

Tot Ion	Ratio	Resp	Lower	Upper
45	100			
77	19.2	0.0	32.5	
79	16.1	0.0	29.5	

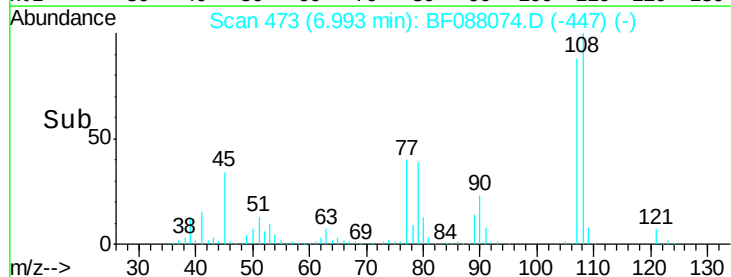
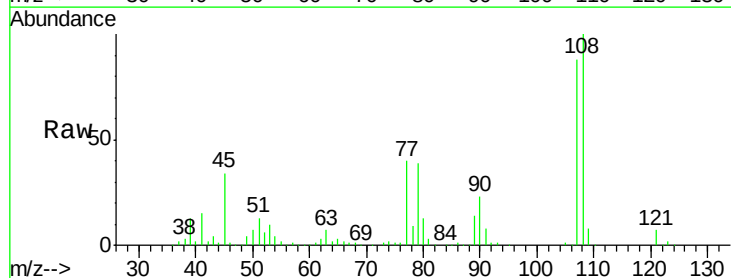
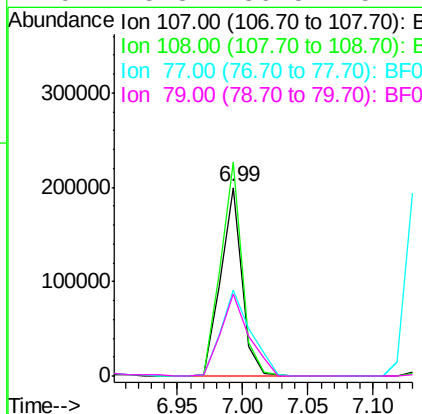
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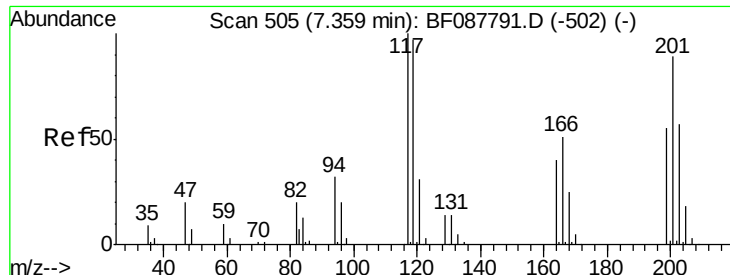
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#17
2-Methylphenol
Concen: 41.35 ng
RT: 6.99 min Scan# 473
Delta R.T. 0.00 min
Lab File: BF088074.D
Acq: 16 Jun 2016 14:27

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.5	90.9	136.3	
77	45.5	36.6	55.0	
79	43.8	36.5	54.7	





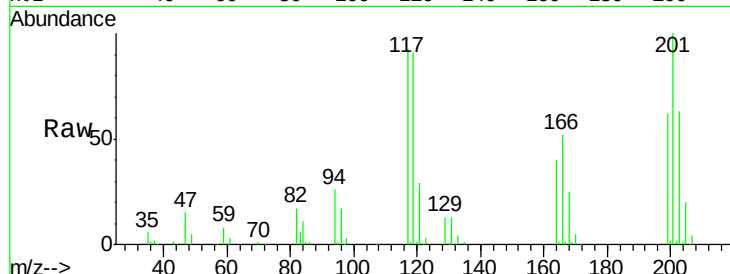
#18
Hexachloroethane
Concen: 42.42 ng
RT: 7.23 min Scan# 494
Delta R.T. 0.00 min
Lab File: BF088074.D
Acq: 16 Jun 2016 14:27

Instrument :
BNA_F
ClientSampleId :
HSR-WC-52-060916MS

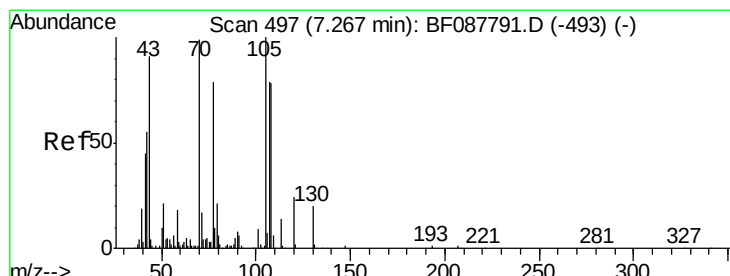
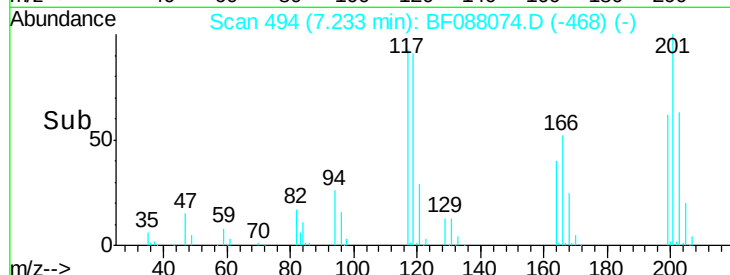
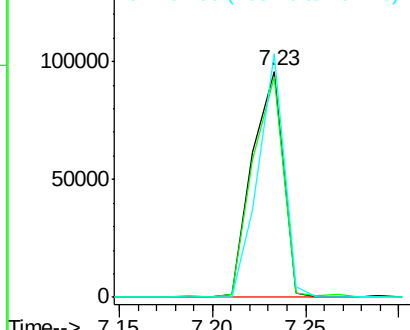
Tot Ion	Ratio	Resp	Lower	Upper
117	100	110373		
119	97.7		77.4	116.2
201	107.8		80.4	120.6

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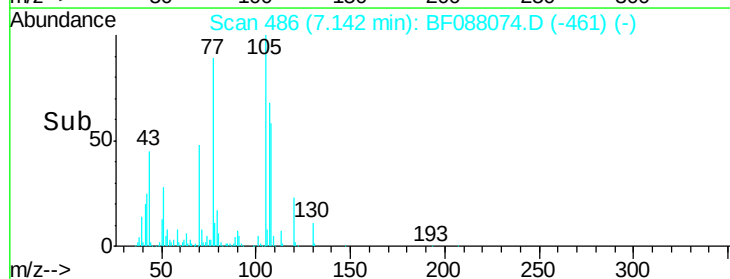
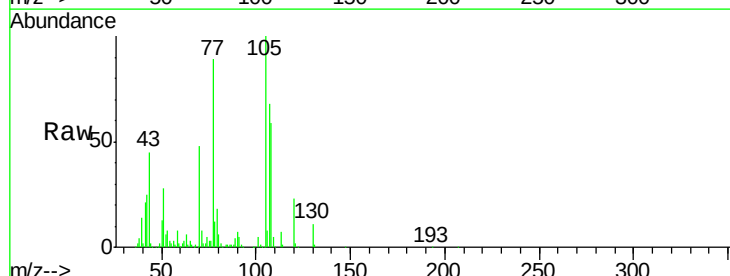
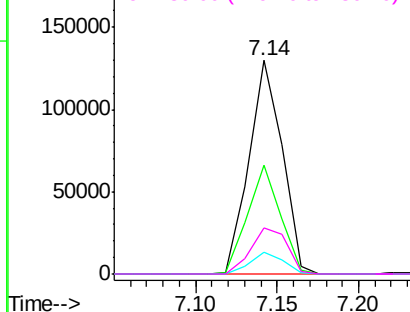
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

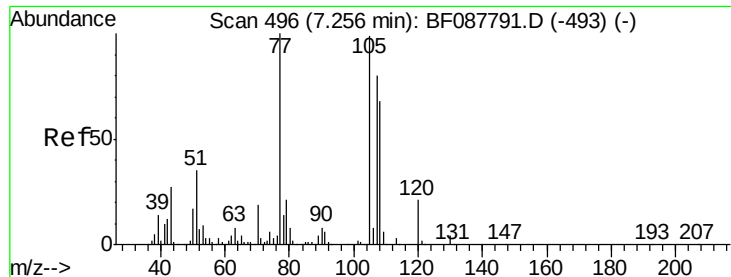


#19
n-Nitroso-di-n-propylamine
Concen: 41.23 ng
RT: 7.14 min Scan# 486
Delta R.T. -0.01 min
Lab File: BF088074.D
Acq: 16 Jun 2016 14:27

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	183226		
42	50.8		49.6	74.4
101	10.0		7.1	10.7
130	21.8		15.4	23.2

Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E





#20

3+4-Methylphenols

Concen: 41.75 ng

RT: 7.14 min Scan# 486

Delta R.T. 0.00 min

Lab File: BF088074.D

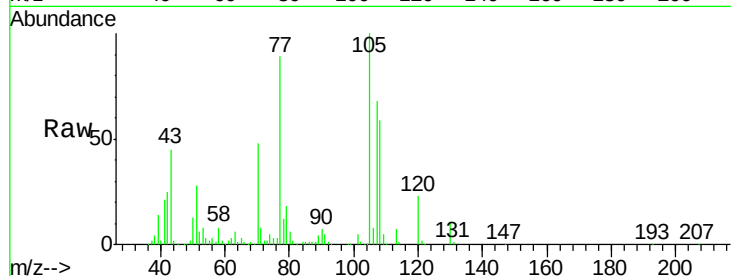
Acq: 16 Jun 2016 14:27

Instrument :

BNA_F

ClientSampleId :

HSR-WC-52-060916MS



Tot Ion:107 Resp: 268033

Ion Ratio Lower Upper

107 100

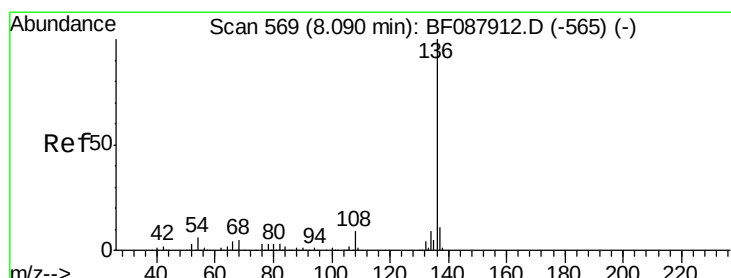
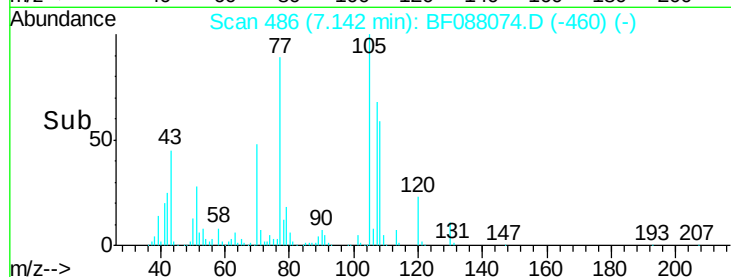
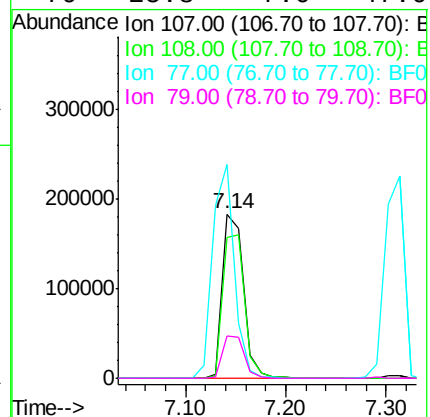
108 85.8 67.8 107.8

77 130.2 59.3 99.3#

79 25.8 7.0 47.0

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.00 min Scan# 561

Delta R.T. -0.01 min

Lab File: BF088074.D

Acq: 16 Jun 2016 14:27

Tgt Ion:136 Resp: 400062

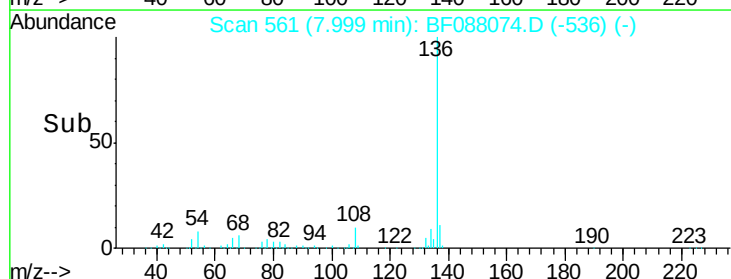
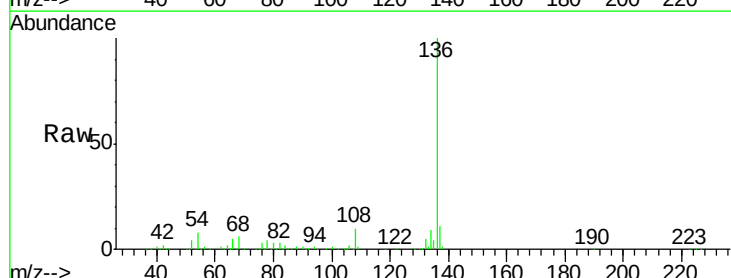
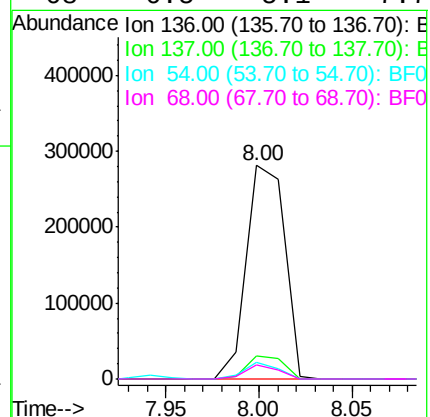
Ion Ratio Lower Upper

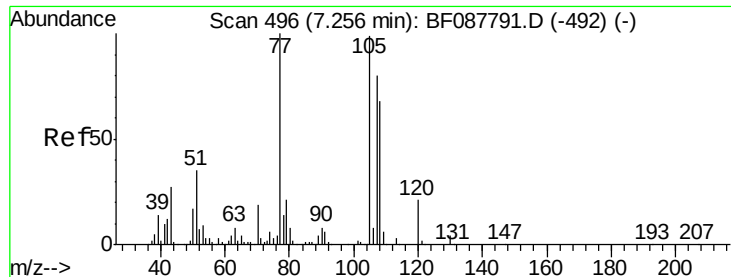
136 100

137 10.6 9.1 13.7

54 8.0 6.6 10.0

68 6.5 5.1 7.7





#22

Acetophenone

Concen: 43.37 ng

RT: 7.14 min Scan# 486

Delta R.T. 0.00 min

Lab File: BF088074.D

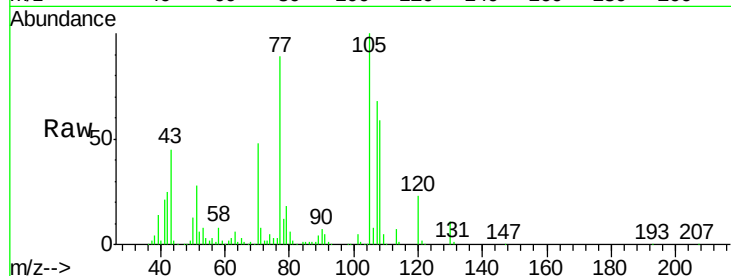
Acq: 16 Jun 2016 14:27

Instrument :

BNA_F

ClientSampleId :

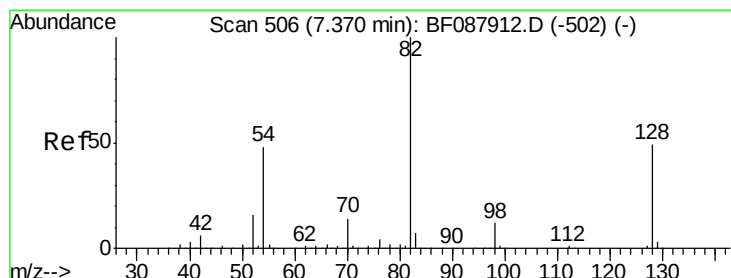
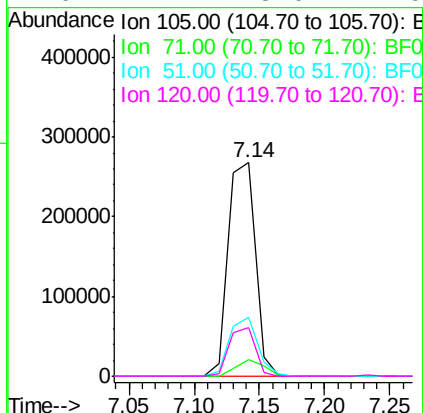
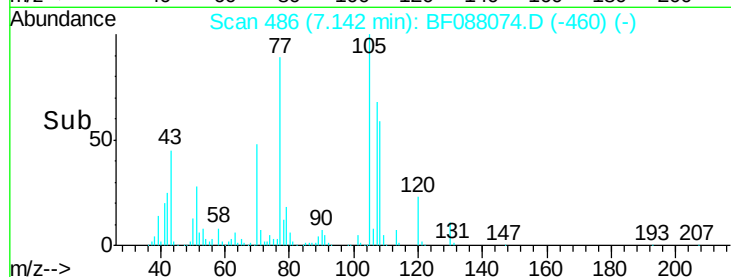
HSR-WC-52-060916MS



Tot Ion	Ion	Ratio	Resp	Lower	Upper
105	105	100	387750		
71	71	8.1	5.3	7.9#	
51	51	27.7	18.2	27.4#	
120	120	22.7	18.0	27.0	

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#23

Nitrobenzene-d5

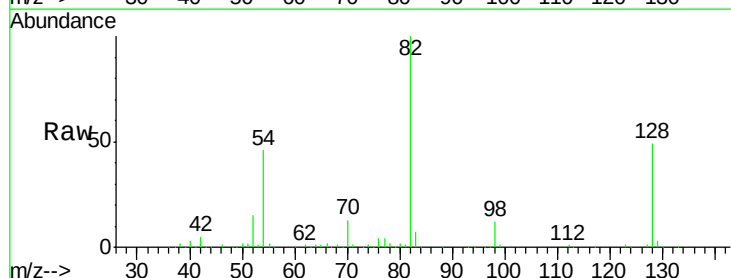
Concen: 80.24 ng

RT: 7.29 min Scan# 499

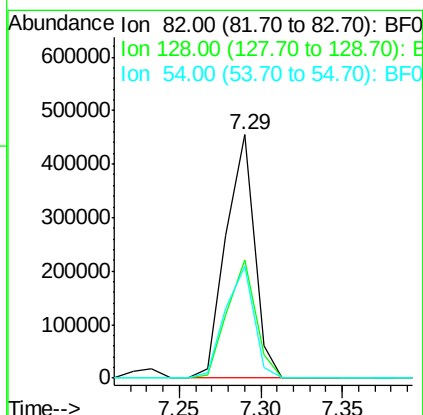
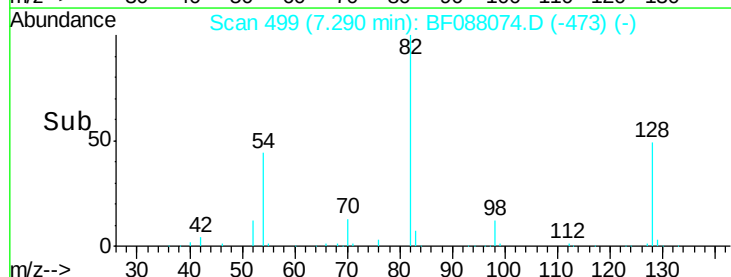
Delta R.T. 0.00 min

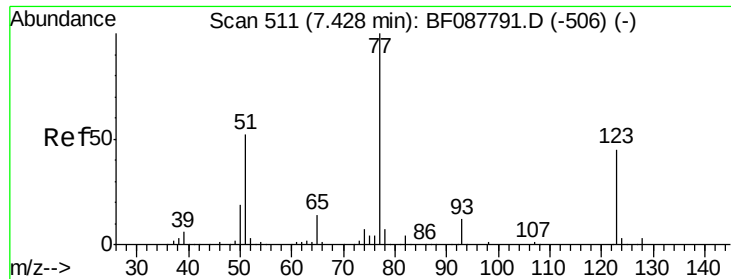
Lab File: BF088074.D

Acq: 16 Jun 2016 14:27



Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	82	100	549738		
128	128	48.7	35.9	53.9	
54	54	45.9	40.9	61.3	





#24

Nitrobenzene

Concen: 45.63 ng

RT: 7.31 min Scan# 501

Delta R.T. -0.00 min

Lab File: BF088074.D

Acq: 16 Jun 2016 14:27

Instrument :

BNA_F

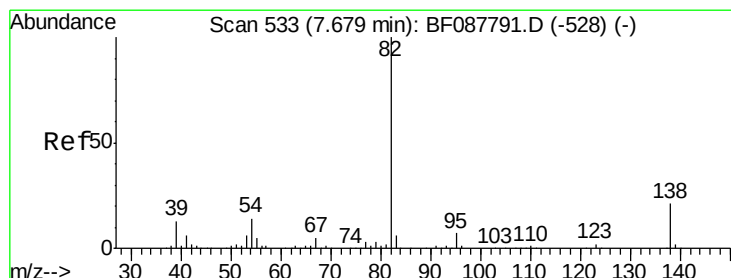
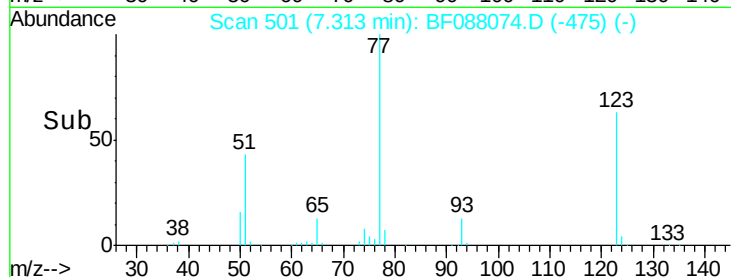
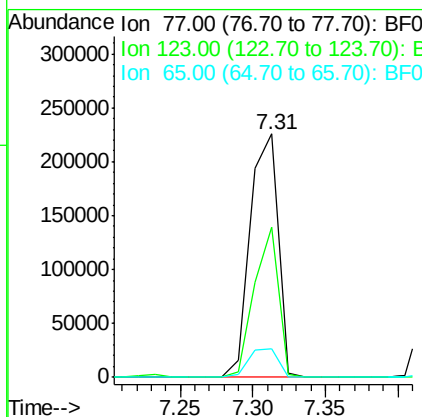
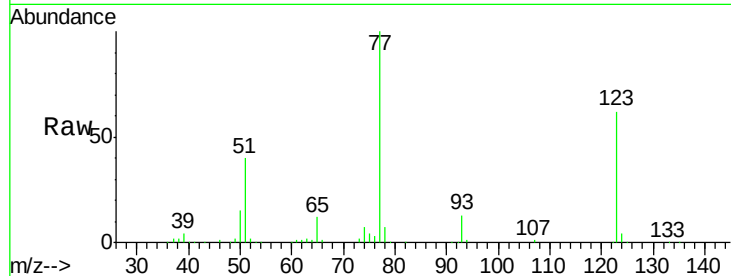
ClientSampleId :

HSR-WC-52-060916MS

Tot Ion:	77	Resp:	302848
Ion Ratio	Lower	Upper	
77	100		
123	61.9	45.0	67.4
65	12.0	10.2	15.2

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#25

Isophorone

Concen: 43.41 ng

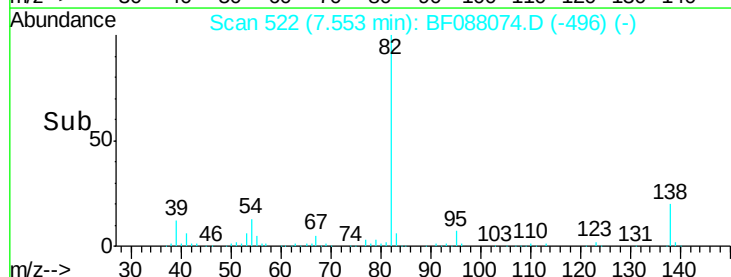
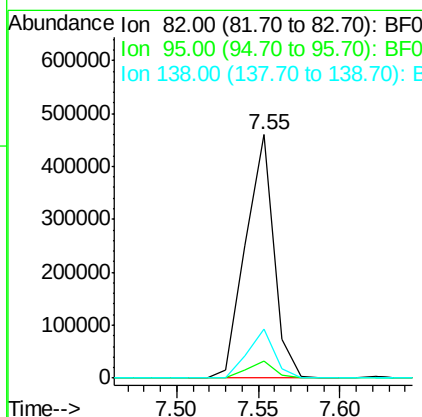
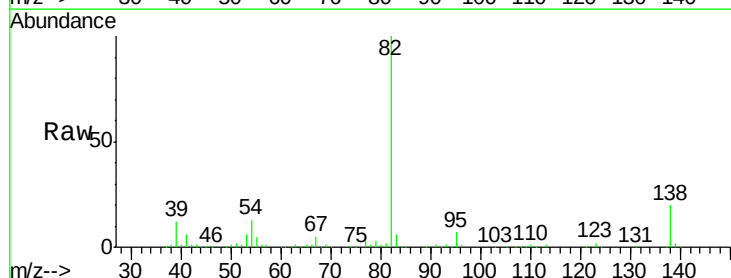
RT: 7.55 min Scan# 522

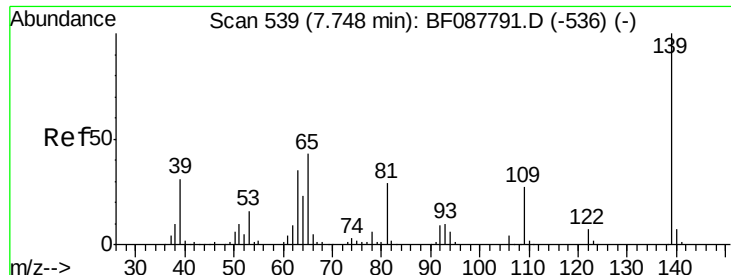
Delta R.T. 0.00 min

Lab File: BF088074.D

Acq: 16 Jun 2016 14:27

Tgt Ion:	82	Resp:	550862
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.4	8.2
138	20.0	14.6	21.8





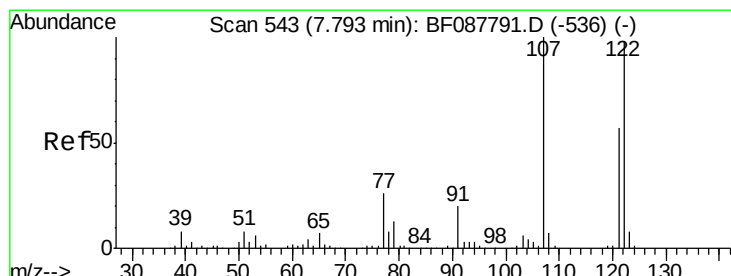
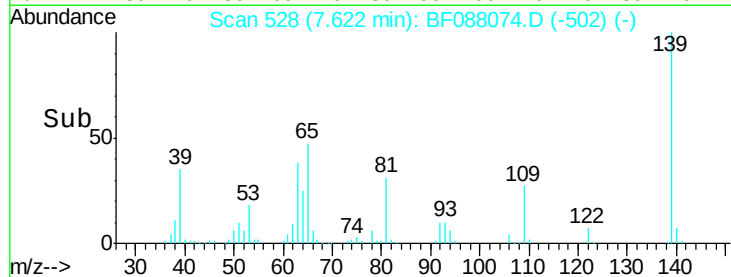
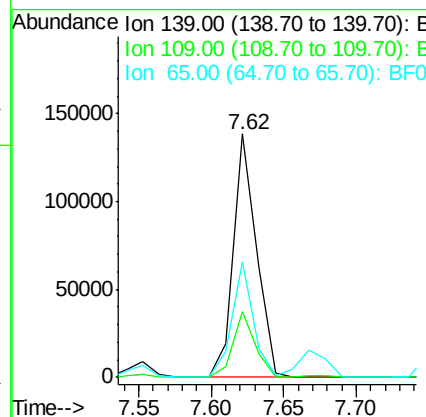
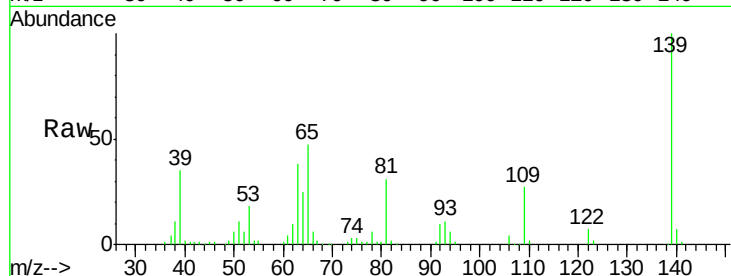
#26
2-Nitrophenol
Concen: 43.07 ng
RT: 7.62 min Scan# 528
Delta R.T. 0.00 min
Lab File: BF088074.D
Acq: 16 Jun 2016 14:27

Instrument :
BNA_F
ClientSampled :
HSR-WC-52-060916MS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	153126		
109	27.0	23.0	34.4	
65	47.3	45.8	68.8	

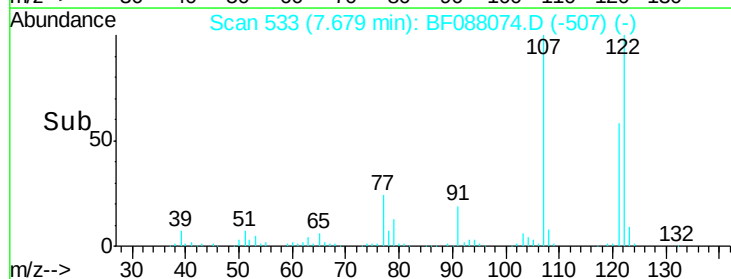
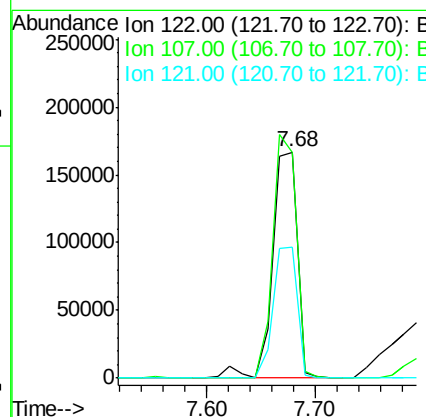
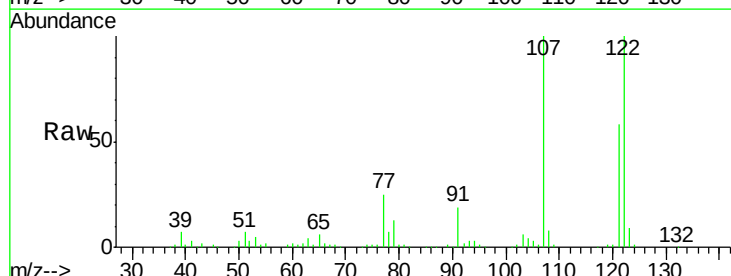
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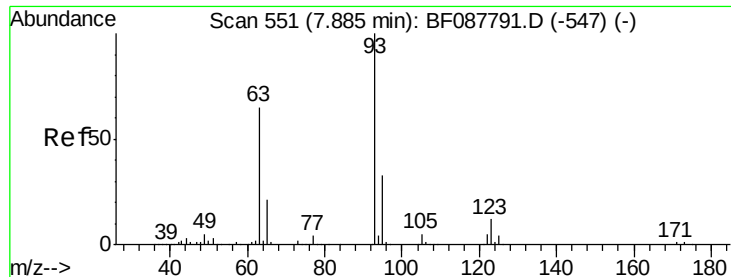
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#27
2,4-Dimethylphenol
Concen: 40.58 ng
RT: 7.68 min Scan# 533
Delta R.T. 0.00 min
Lab File: BF088074.D
Acq: 16 Jun 2016 14:27

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	265585		
107	99.8	82.4	123.6	
121	58.1	46.3	69.5	





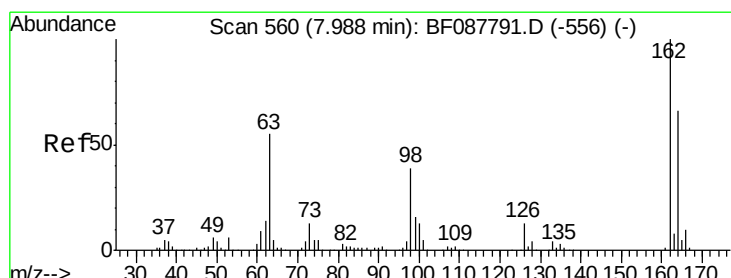
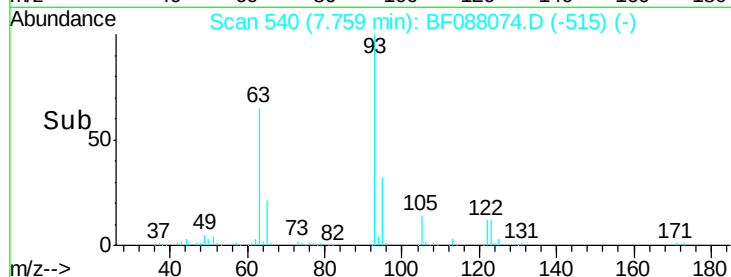
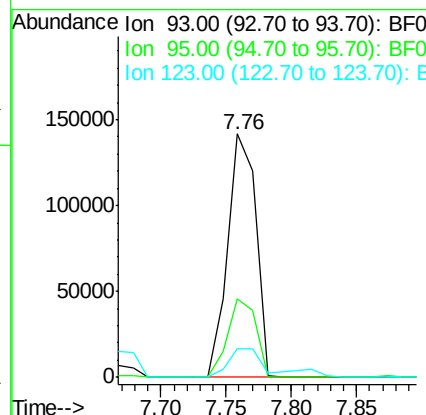
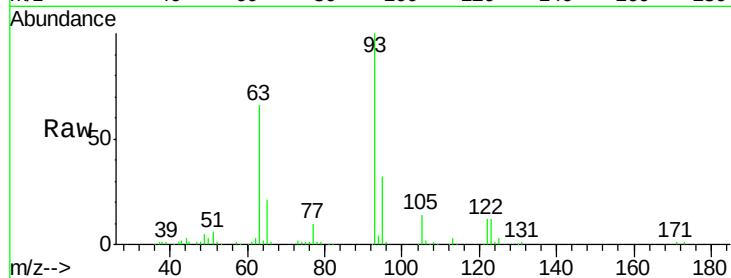
#28
bis(2-Chloroethoxy)methane
Concen: 27.03 ng
RT: 7.76 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF088074.D
Acq: 16 Jun 2016 14:27

Instrument :
BNA_F
ClientSampleId :
HSR-WC-52-060916MS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	212717		
95	32.2	26.5	39.7	
123	11.9	11.6	17.4	

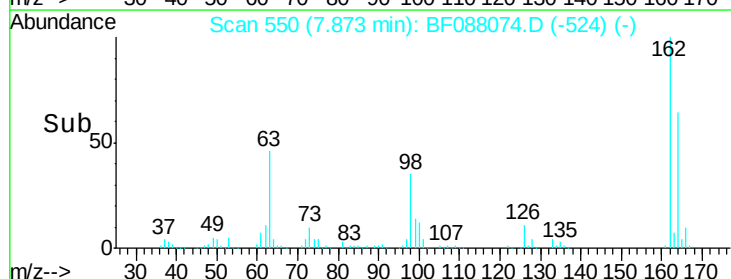
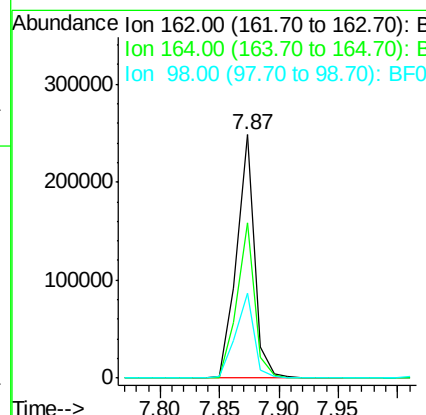
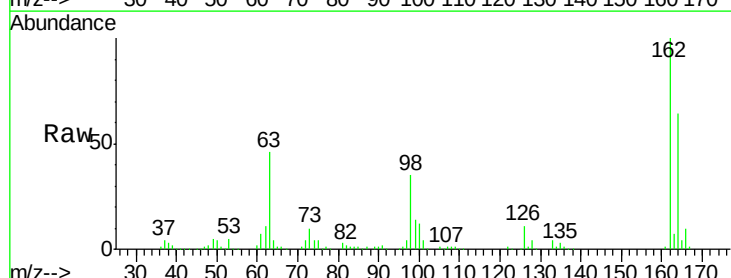
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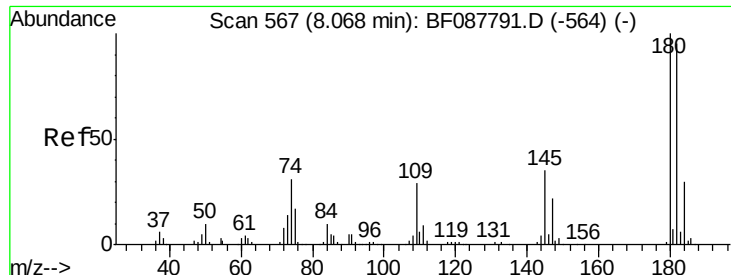
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#29
2,4-Dichlorophenol
Concen: 47.66 ng
RT: 7.87 min Scan# 550
Delta R.T. 0.00 min
Lab File: BF088074.D
Acq: 16 Jun 2016 14:27

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	260436		
164	63.7	43.8	83.8	
98	34.8	21.3	61.3	





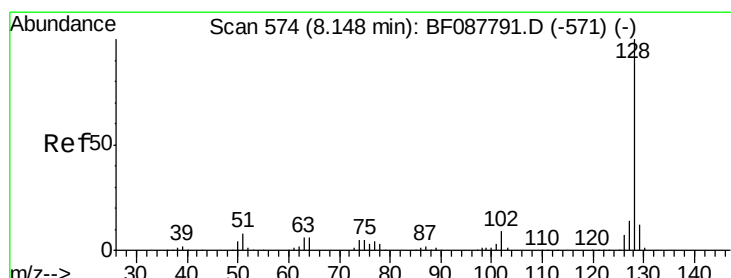
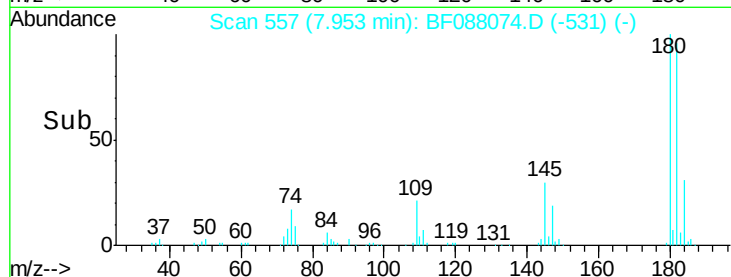
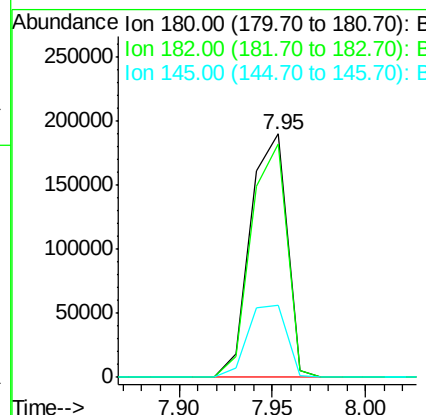
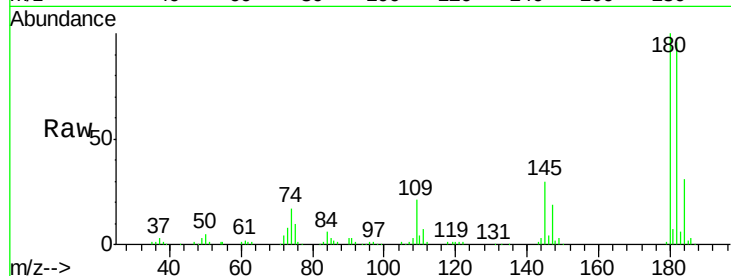
#30
 1,2,4-Trichlorobenzene
 Concen: 43.04 ng
 RT: 7.95 min Scan# 557
 Delta R.T. -0.00 min
 Lab File: BF088074.D
 Acq: 16 Jun 2016 14:27

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-52-060916MS

Tot Ion	Ratio	Resp	Lower	Upper
180	100	256139		
182	95.7	76.0	114.0	
145	29.7	26.5	39.7	

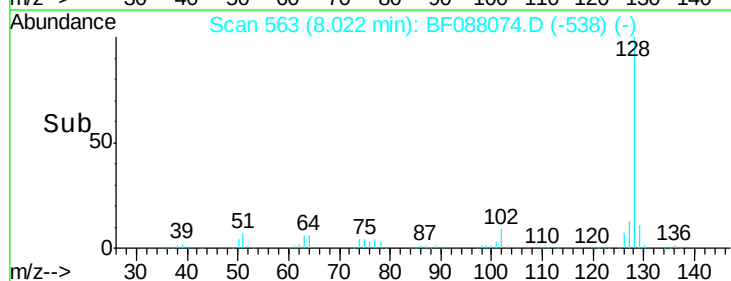
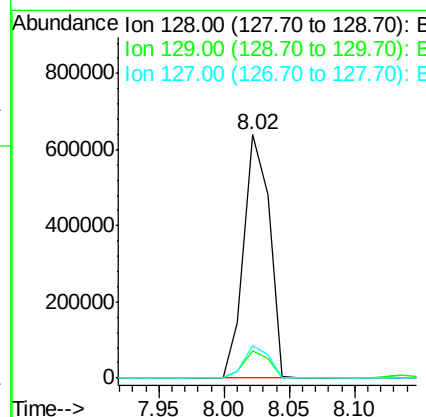
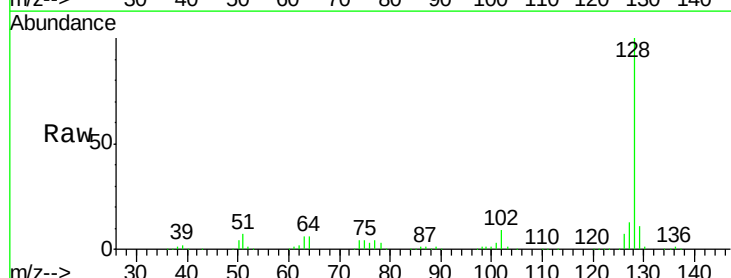
Manual Integrations
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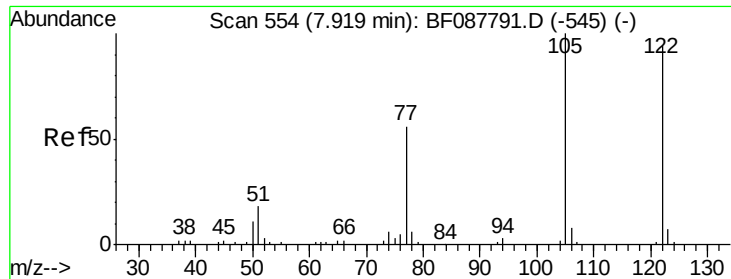
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#31
 Naphthalene
 Concen: 44.01 ng
 RT: 8.02 min Scan# 563
 Delta R.T. -0.01 min
 Lab File: BF088074.D
 Acq: 16 Jun 2016 14:27

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	871244		
129	11.4	9.4	14.2	
127	13.3	10.9	16.3	





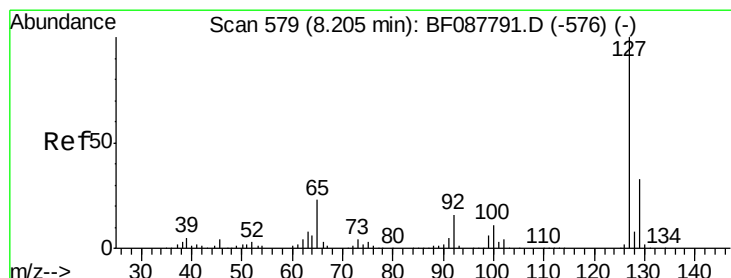
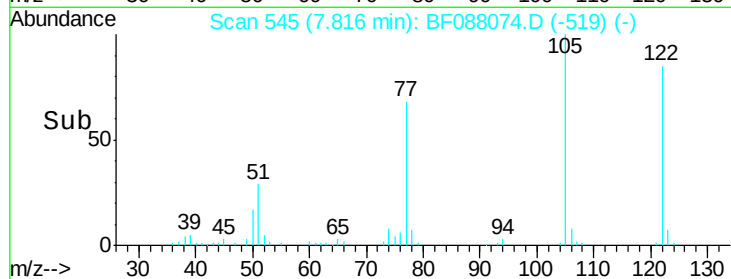
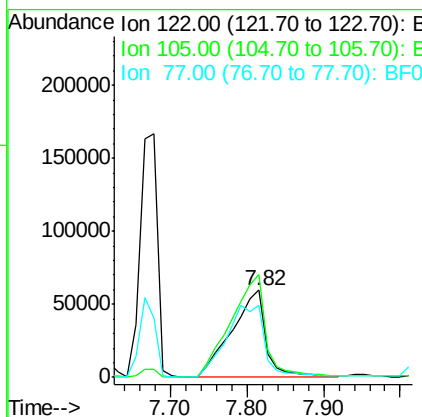
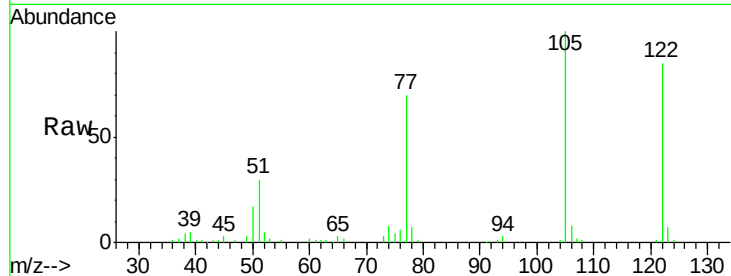
#32
Benzoic acid
Concen: 50.79 ng
RT: 7.82 min Scan# 545
Delta R.T. 0.00 min
Lab File: BF088074.D
Acq: 16 Jun 2016 14:27

Instrument :
BNA_F
ClientSampleId :
HSR-WC-52-060916MS

Tot Ion	Ratio	Lower	Upper
122	100		
105	118.2	101.6	141.6
77	82.7	70.6	110.6

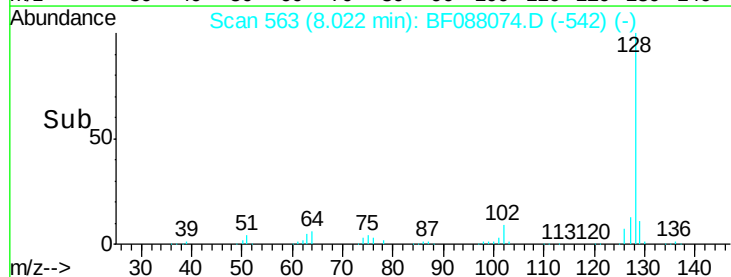
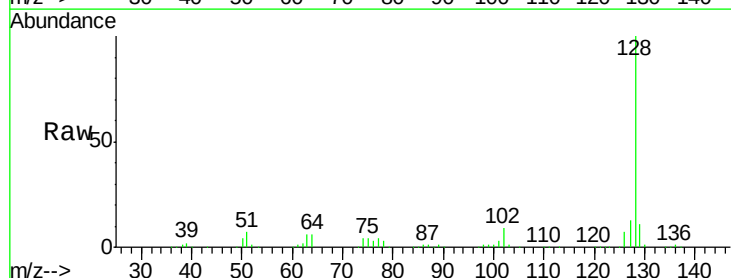
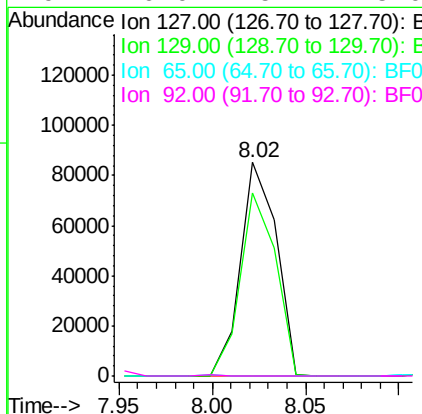
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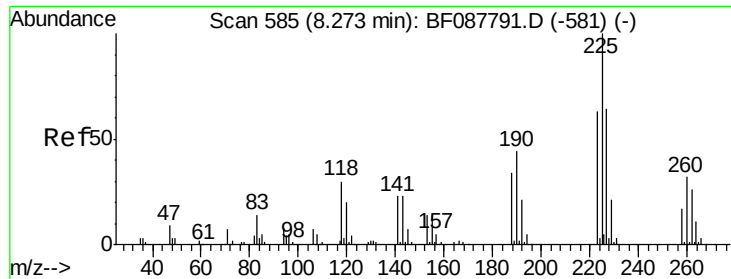
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#33
4-Chloroaniline
Concen: 12.88 ng
RT: 8.02 min Scan# 563
Delta R.T. -0.06 min
Lab File: BF088074.D
Acq: 16 Jun 2016 14:27

Tgt Ion	Ratio	Lower	Upper
127	100		
129	85.5	26.3	39.5#
65	0.0	24.7	37.1#
92	0.0	15.4	23.0#





#34

Hexachlorobutadiene

Concen: 41.29 ng

RT: 8.15 min Scan# 574

Delta R.T. 0.00 min

Lab File: BF088074.D

Acq: 16 Jun 2016 14:27

Instrument :

BNA_F

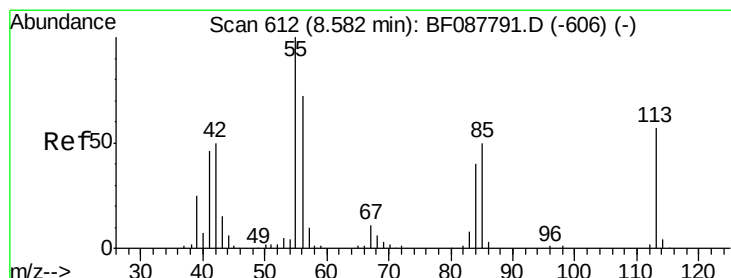
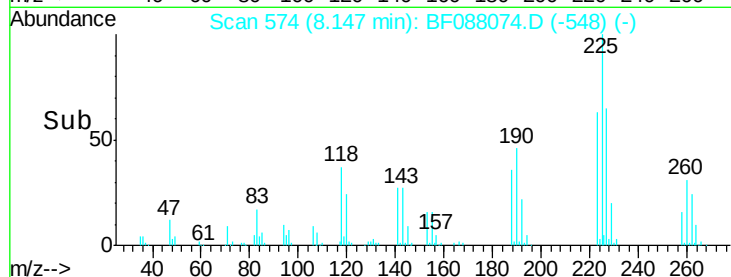
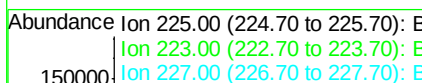
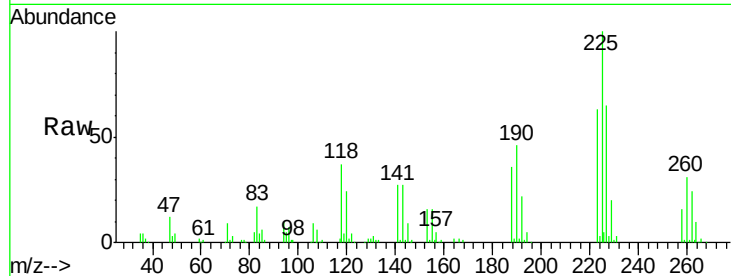
ClientSampleId :

HSR-WC-52-060916MS

Tot Ion:	225	Resp:	129590
Ion Ratio	Lower	Upper	
225	100		
223	63.1	50.9	76.3
227	64.8	51.9	77.9

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#35

Caprolactam

Concen: 46.02 ng m

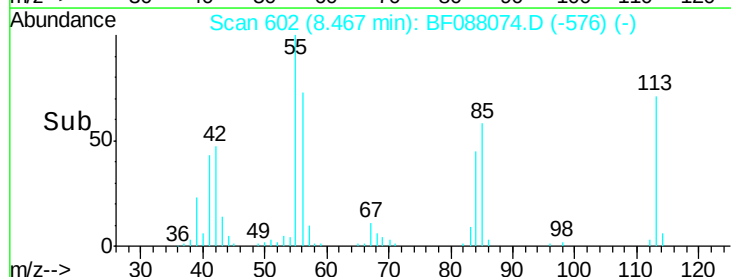
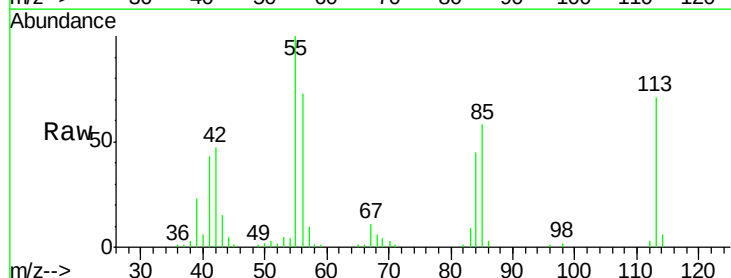
RT: 8.47 min Scan# 602

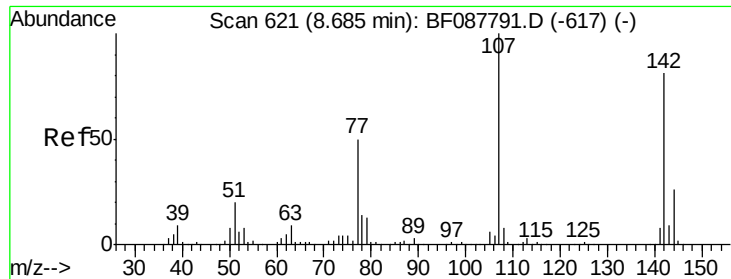
Delta R.T. -0.00 min

Lab File: BF088074.D

Acq: 16 Jun 2016 14:27

Tgt Ion:	113	Resp:	83296
Ion Ratio	Lower	Upper	
113	100		
55	140.8	158.6	198.6#
56	102.1	110.6	150.6#





#36

4-Chloro-3-methylphenol

Concen: 46.22 ng

RT: 8.58 min Scan# 612

Delta R.T. 0.01 min

Lab File: BF088074.D

Acq: 16 Jun 2016 14:27

Instrument :

BNA_F

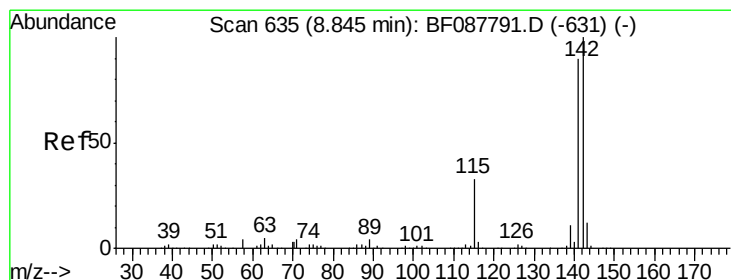
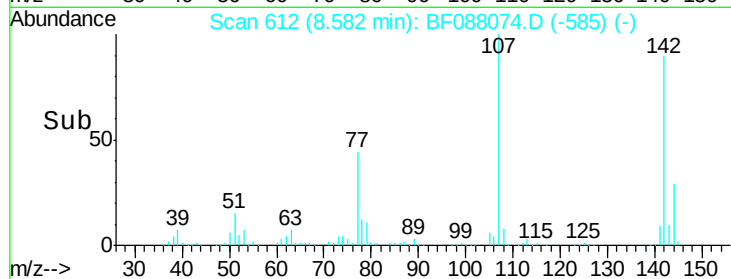
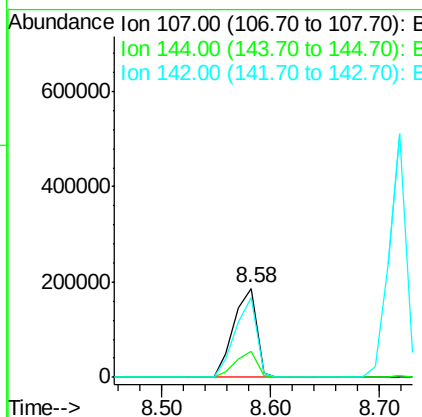
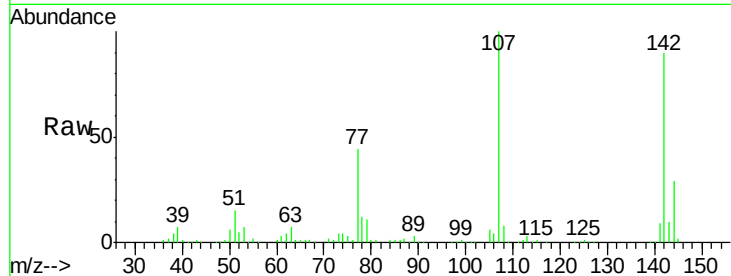
ClientSampleId :

HSR-WC-52-060916MS

Tot Ion:	107	Resp:	270144
Ion Ratio	Lower	Upper	
107	100		
144	29.4	20.8	31.2
142	90.3	63.4	95.2

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#37

2-Methylnaphthalene

Concen: 43.27 ng

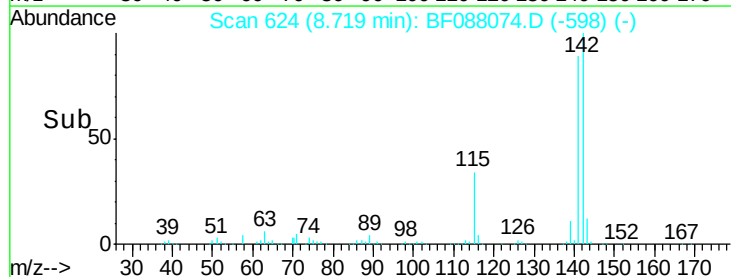
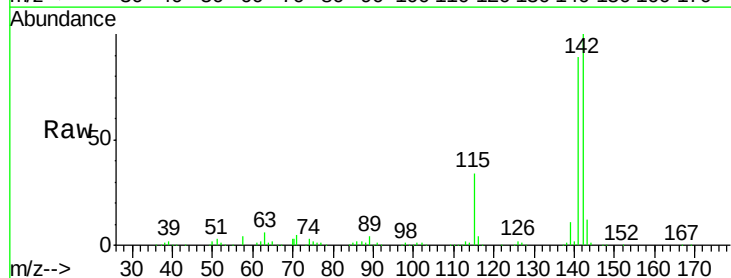
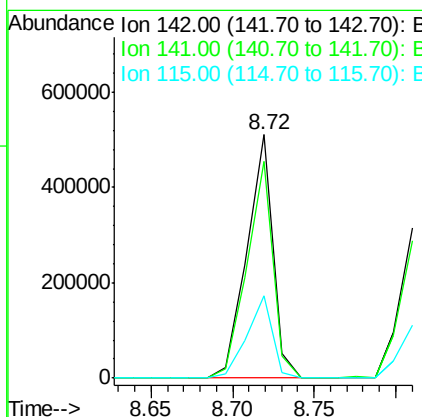
RT: 8.72 min Scan# 624

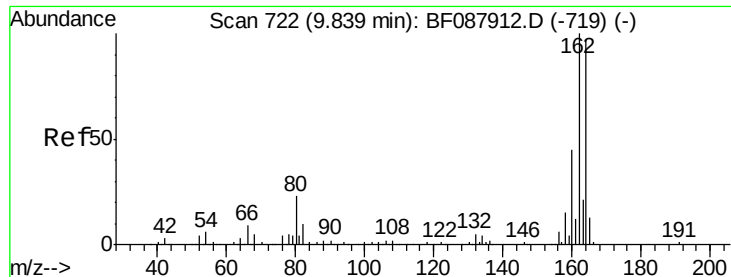
Delta R.T. 0.00 min

Lab File: BF088074.D

Acq: 16 Jun 2016 14:27

Tgt Ion:	142	Resp:	564616
Ion Ratio	Lower	Upper	
142	100		
141	89.1	71.0	106.6
115	33.7	22.6	33.8





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.76 min Scan# 715

Delta R.T. 0.00 min

Lab File: BF088074.D

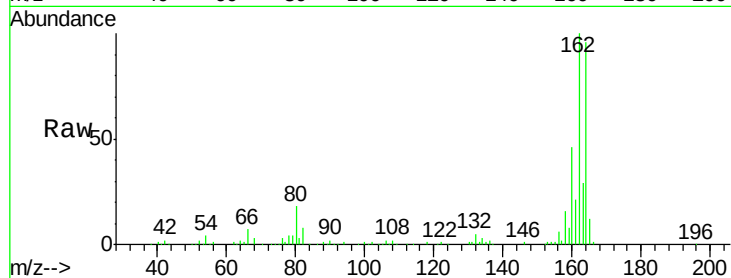
Acq: 16 Jun 2016 14:27

Instrument :

BNA_F

ClientSampleId :

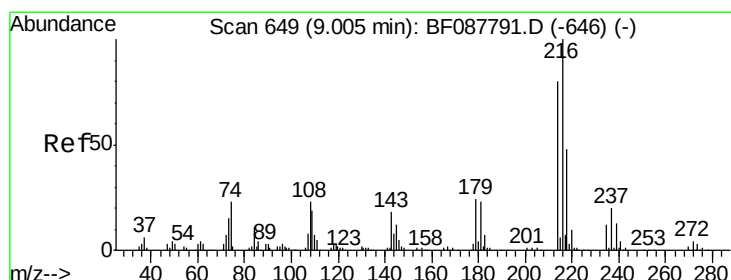
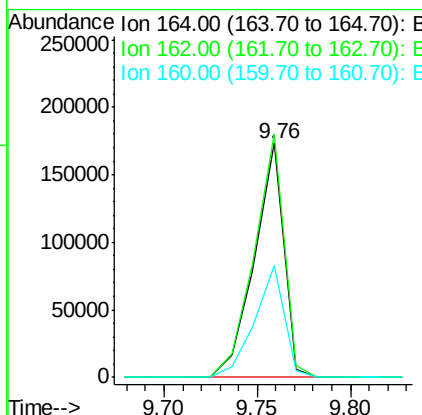
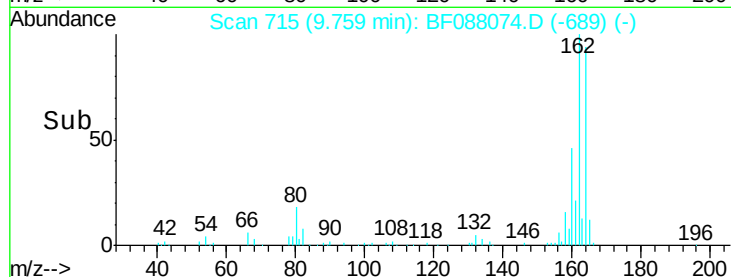
HSR-WC-52-060916MS



Tot Ion	164	Resp	188275
Ion Ratio	Lower	Upper	
164	100		
162	104.0	85.4	128.2
160	47.8	39.5	59.3

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#39

1,2,4,5-Tetrachlorobenzene

Concen: 51.14 ng

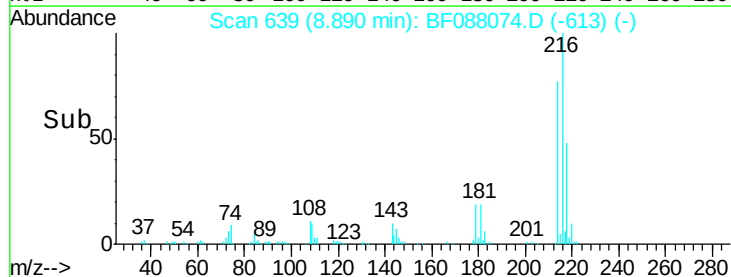
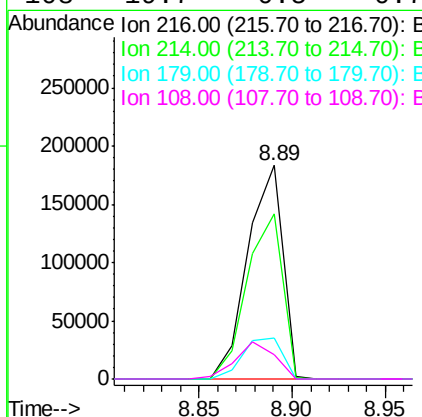
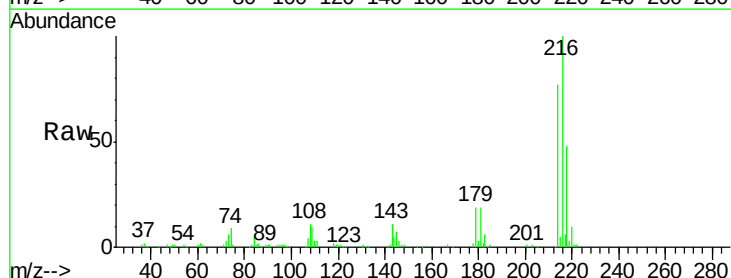
RT: 8.89 min Scan# 639

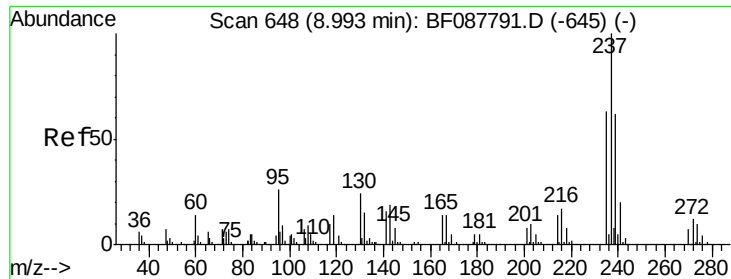
Delta R.T. -0.00 min

Lab File: BF088074.D

Acq: 16 Jun 2016 14:27

Tgt Ion	216	Resp	239049
Ion Ratio	Lower	Upper	
216	100		
214	78.9	2.9	4.3#
179	21.7	0.0	0.0#
108	19.7	0.5	0.7#





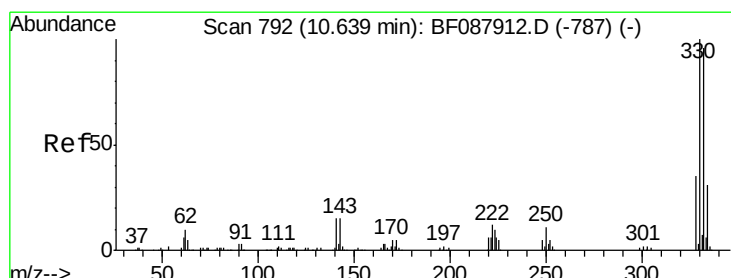
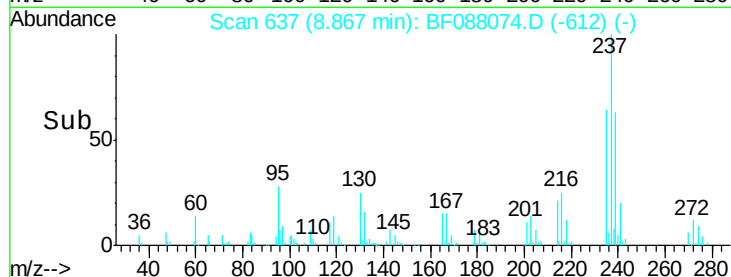
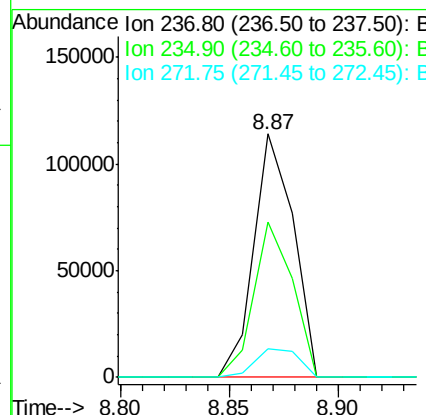
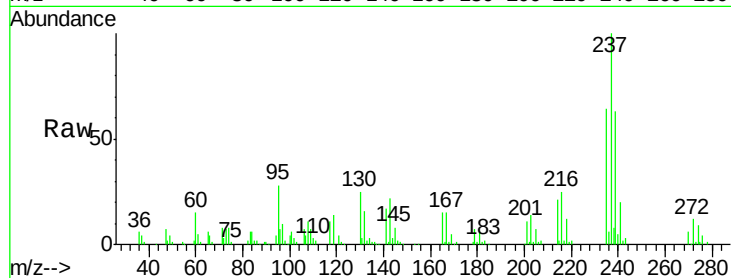
#40
Hexachlorocyclopentadiene
Concen: 47.64 ng
RT: 8.87 min Scan# 637
Delta R.T. -0.01 min
Lab File: BF088074.D
Acq: 16 Jun 2016 14:27

Instrument :
BNA_F
ClientSampleId :
HSR-WC-52-060916MS

Tot Ion:	237	Resp:	144681
Ion Ratio	Lower	Upper	
237	100		
235	64.0	43.4	83.4
272	12.0	0.0	32.3

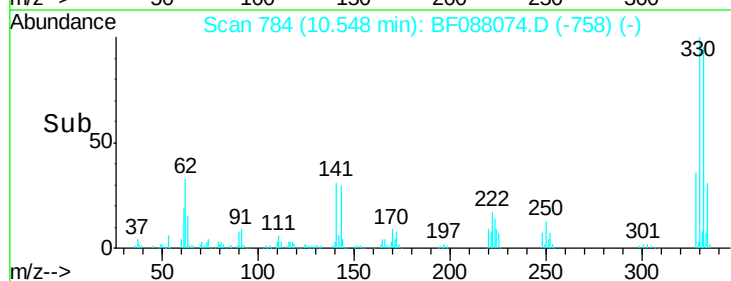
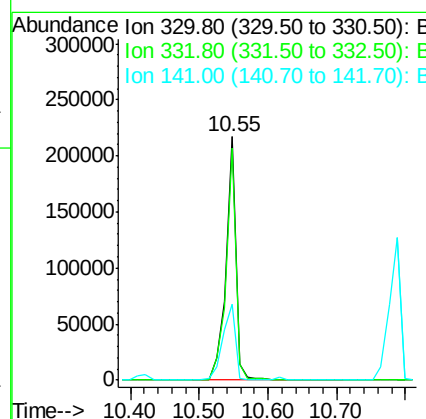
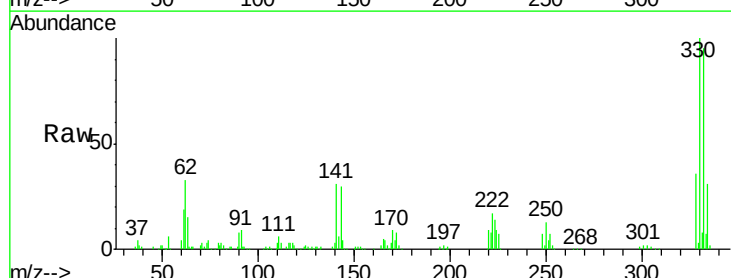
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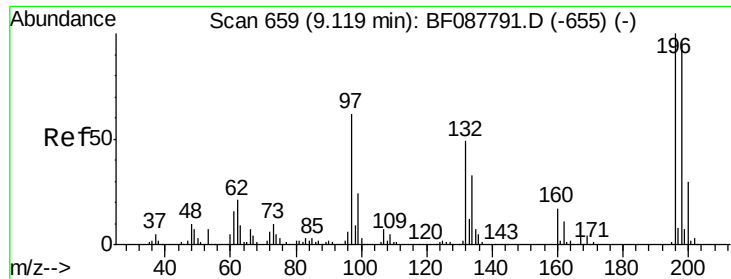
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#41
2,4,6-Tribromophenol
Concen: 113.88 ng
RT: 10.55 min Scan# 784
Delta R.T. 0.00 min
Lab File: BF088074.D
Acq: 16 Jun 2016 14:27

Tgt Ion:	330	Resp:	226384
Ion Ratio	Lower	Upper	
330	100		
332	95.2	0.0	0.0#
141	39.4	0.0	0.0#





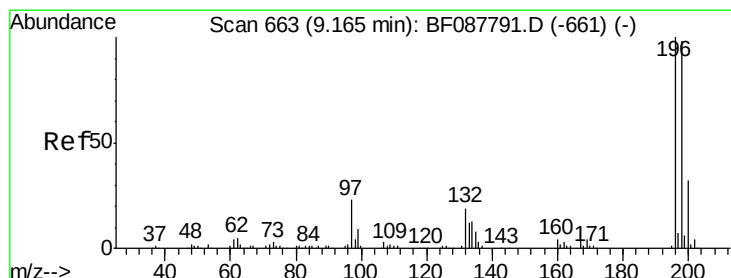
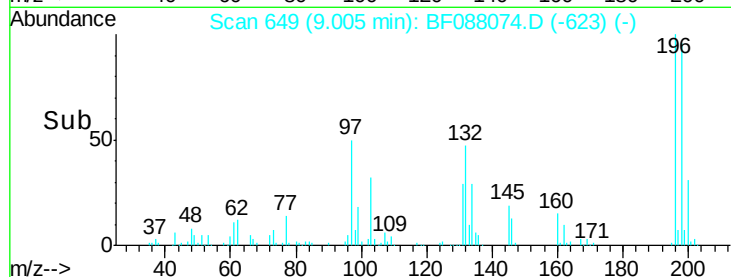
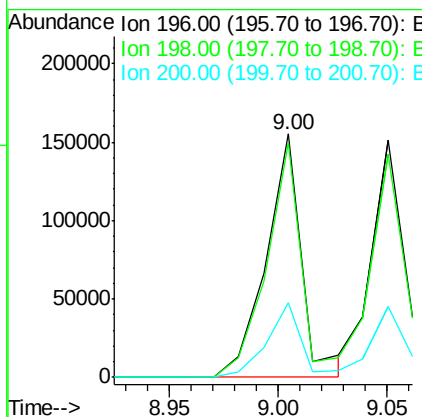
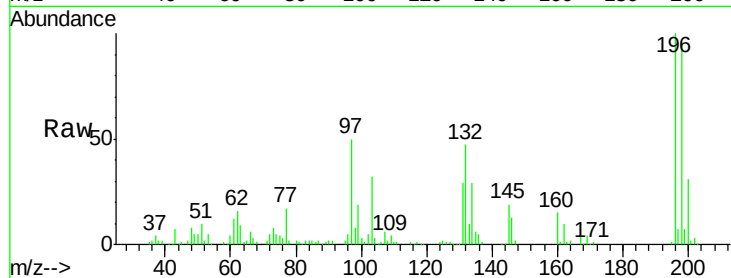
#42
2,4,6-Trichlorophenol
Concen: 47.10 ng
RT: 9.00 min Scan# 649
Delta R.T. -0.00 min
Lab File: BF088074.D
Acq: 16 Jun 2016 14:27

Instrument :
BNA_F
ClientSampleId :
HSR-WC-52-060916MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	177342		
198	96.1	78.0	117.0	
200	30.5	25.4	38.2	

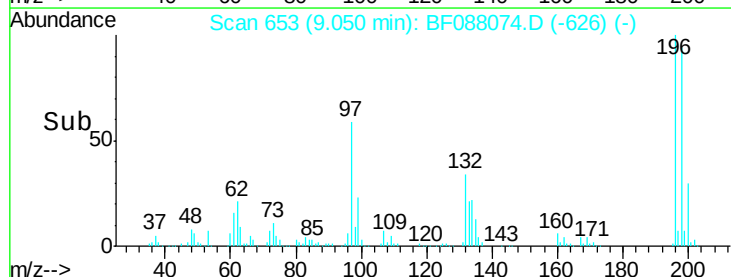
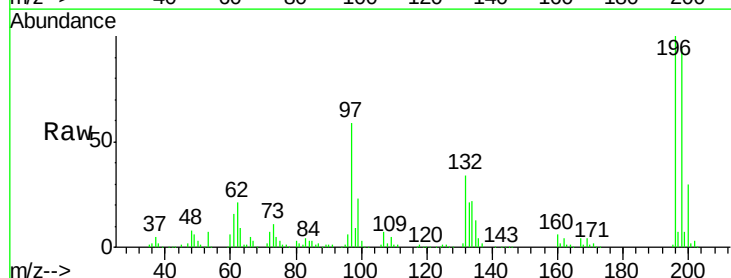
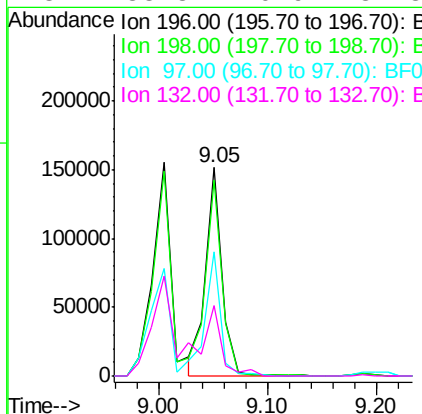
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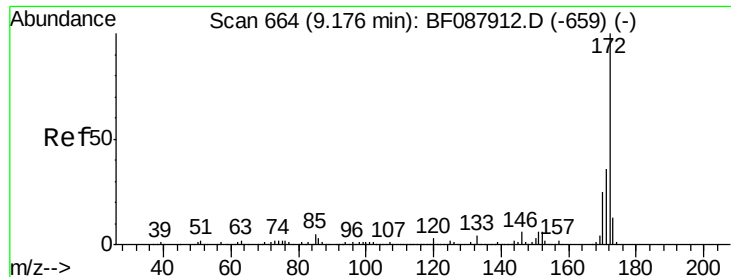
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#43
2,4,5-Trichlorophenol
Concen: 40.97 ng
RT: 9.05 min Scan# 653
Delta R.T. 0.01 min
Lab File: BF088074.D
Acq: 16 Jun 2016 14:27

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	160481		
198	94.0	77.5	116.3	
97	59.5	32.0	48.0#	
132	33.8	20.9	31.3#	





#44

2-Fluorobiphenyl

Concen: 84.47 ng

RT: 9.08 min Scan# 656

Delta R.T. 0.00 min

Lab File: BF088074.D

Acq: 16 Jun 2016 14:27

Instrument :

BNA_F

ClientSampleId :

HSR-WC-52-060916MS

Tot Ion:172 Resp: 1012765

Ion Ratio Lower Upper

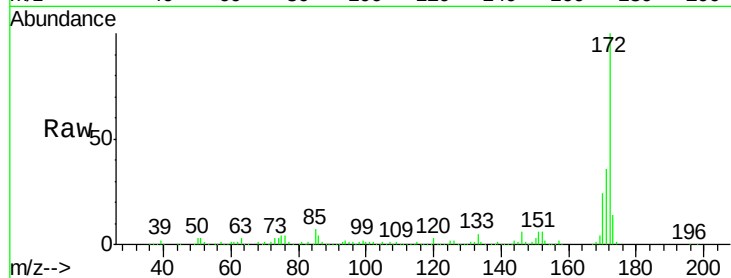
172 100

171 36.0 28.6 43.0

170 24.2 19.2 28.8

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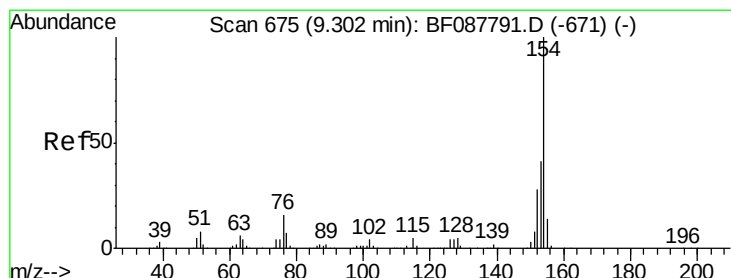
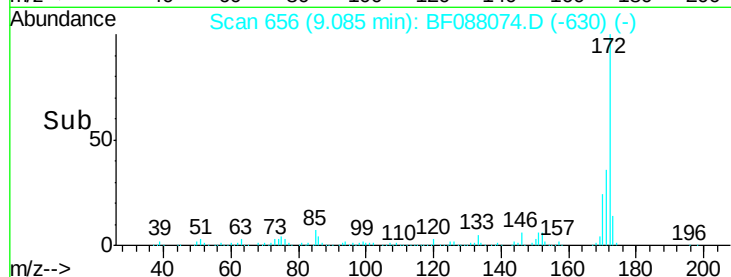
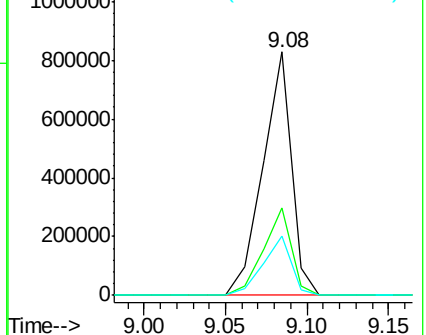
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Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#45

1,1'-Biphenyl

Concen: 52.73 ng

RT: 9.19 min Scan# 665

Delta R.T. 0.00 min

Lab File: BF088074.D

Acq: 16 Jun 2016 14:27

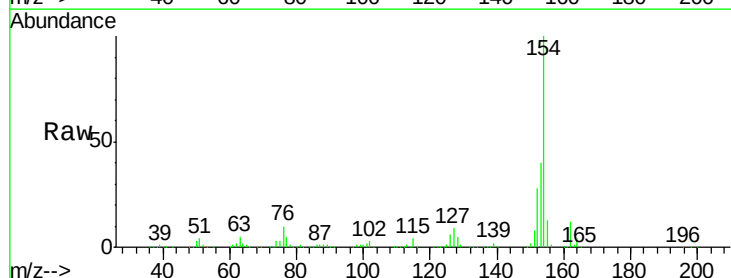
Tgt Ion:154 Resp: 730094

Ion Ratio Lower Upper

154 100

153 40.4 20.6 60.6

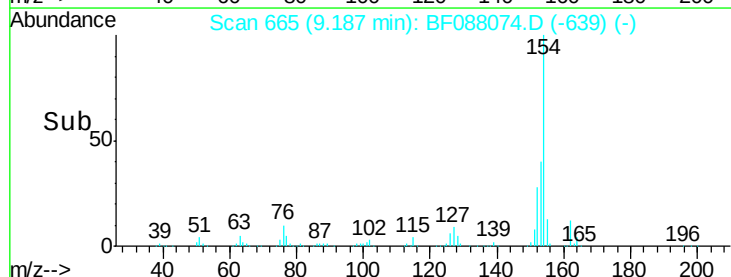
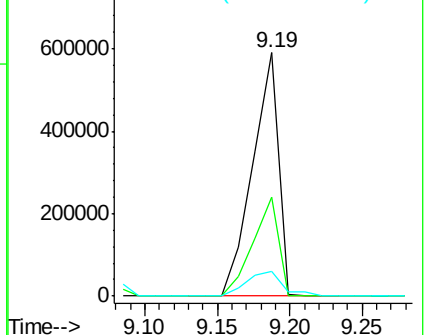
76 10.1 0.0 35.1

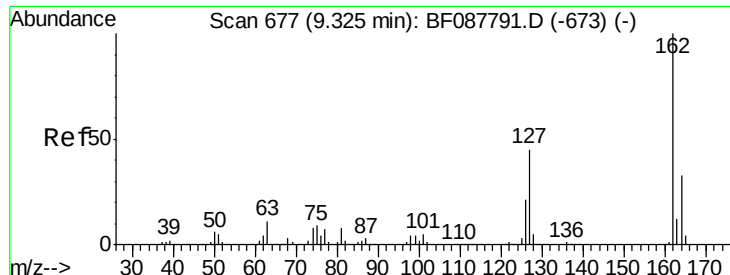


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0





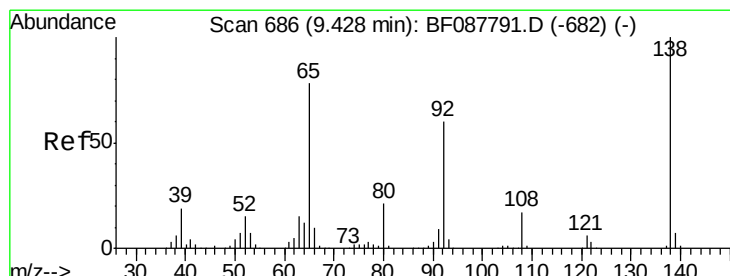
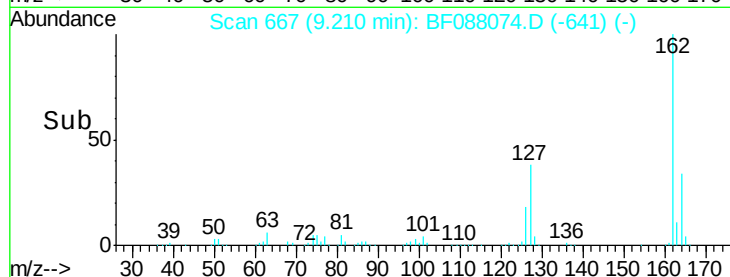
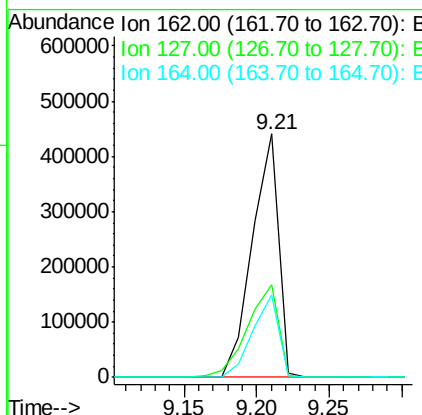
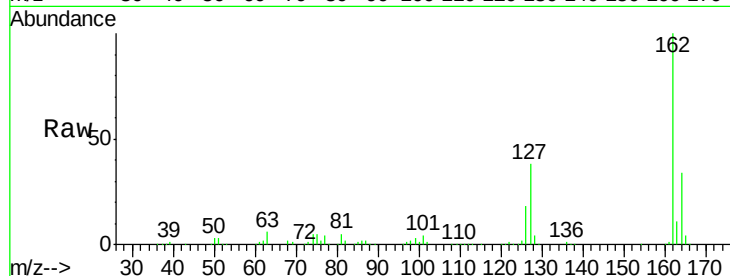
#46
2-Chloronaphthalene
Concen: 45.33 ng
RT: 9.21 min Scan# 667
Delta R.T. -0.00 min
Lab File: BF088074.D
Acq: 16 Jun 2016 14:27

Instrument :
BNA_F
ClientSampleId :
HSR-WC-52-060916MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	552240		
127	38.0		35.2	52.8
164	34.1		26.6	39.8

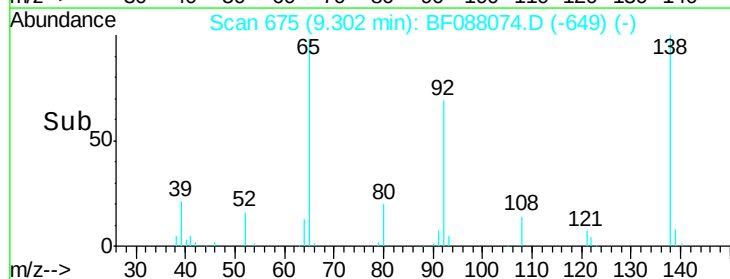
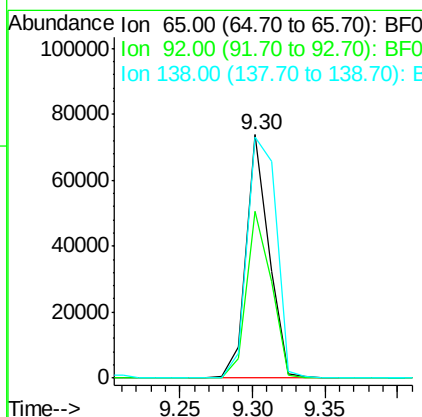
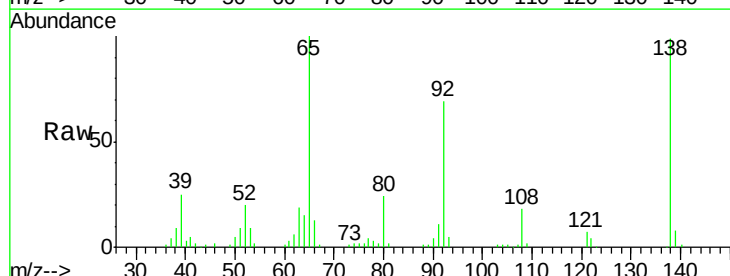
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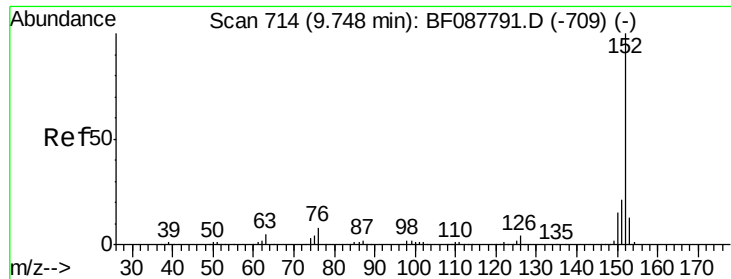
sohil
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#47
2-Nitroaniline
Concen: 22.49 ng
RT: 9.30 min Scan# 675
Delta R.T. 0.00 min
Lab File: BF088074.D
Acq: 16 Jun 2016 14:27

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	80836		
92	68.7		54.6	82.0
138	99.2		77.0	115.4





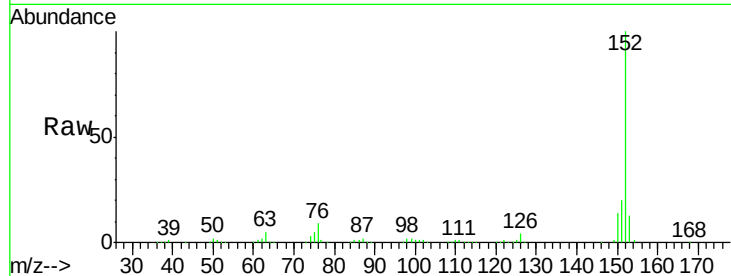
#48
Acenaphthylene
Concen: 38.14 ng
RT: 9.62 min Scan# 703
Delta R.T. -0.00 min
Lab File: BF088074.D
Acq: 16 Jun 2016 14:27

Instrument :
BNA_F
ClientSampleId :
HSR-WC-52-060916MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		739198		
151	20.4	16.2	24.4		
153	13.1	11.0	16.6		

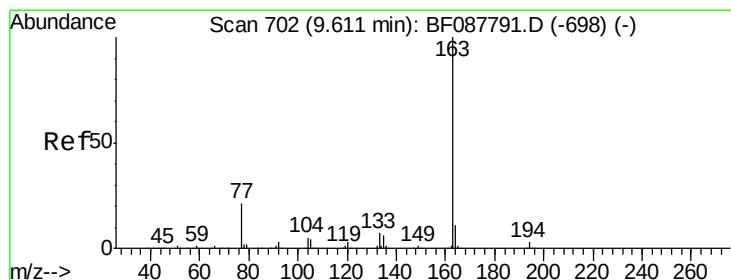
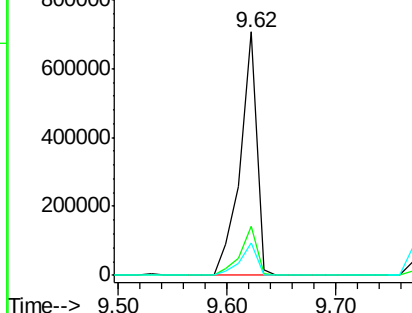
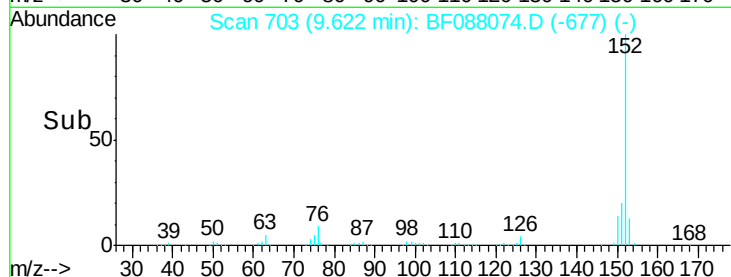
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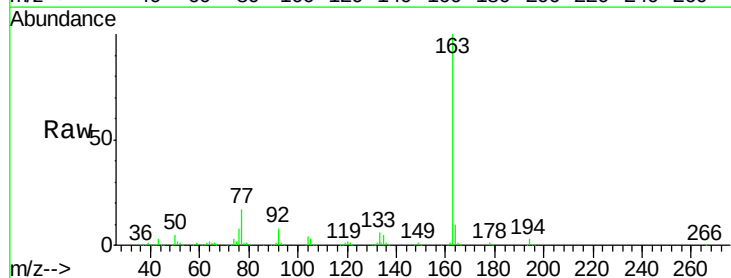
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

9.62



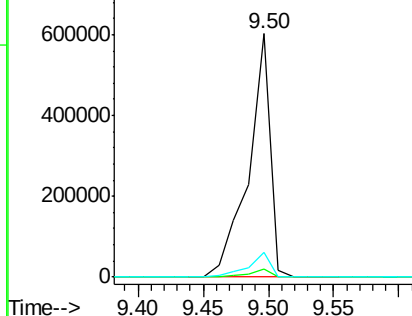
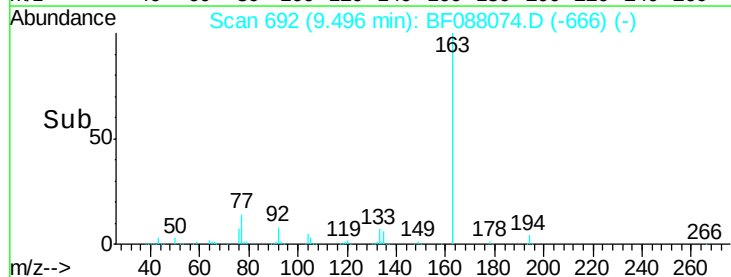
#49
Dimethylphthalate
Concen: 51.18 ng
RT: 9.50 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF088074.D
Acq: 16 Jun 2016 14:27

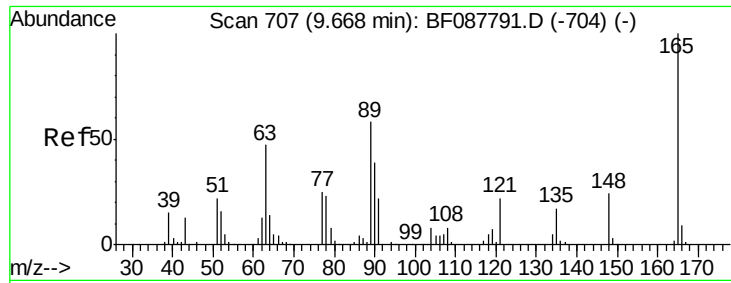
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		697981		
194	3.5	2.8	4.2		
164	10.2	8.3	12.5		



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

9.50





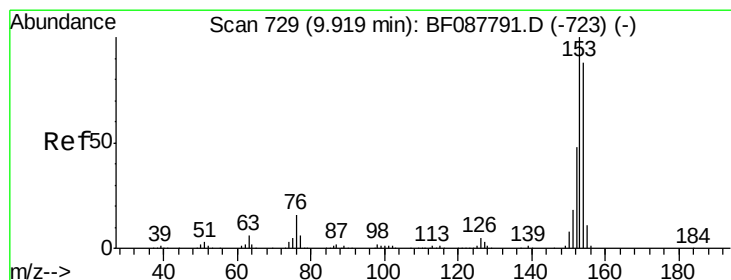
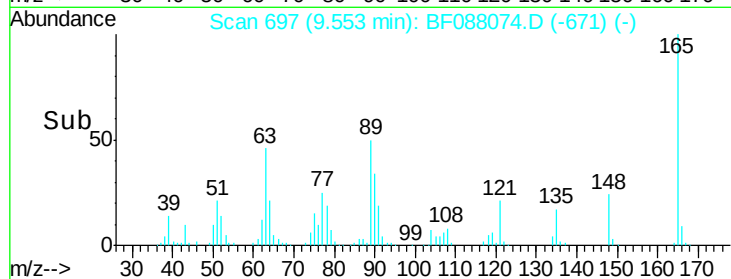
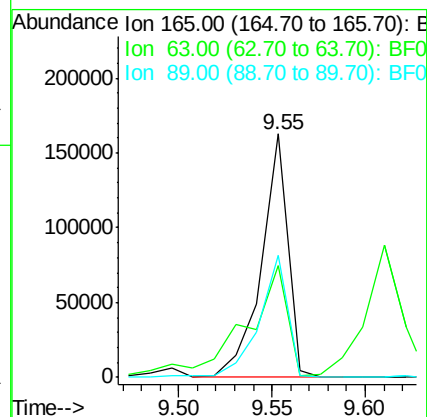
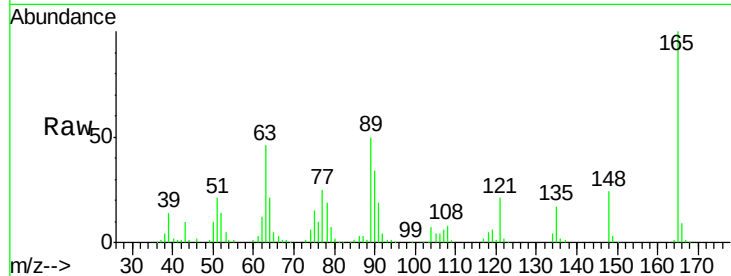
#50
2,6-Dinitrotoluene
Concen: 51.07 ng
RT: 9.55 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF088074.D
Acq: 16 Jun 2016 14:27

Instrument :
BNA_F
ClientSampleId :
HSR-WC-52-060916MS

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	45.8	28.1	42.1#
89	50.3	32.2	48.2#

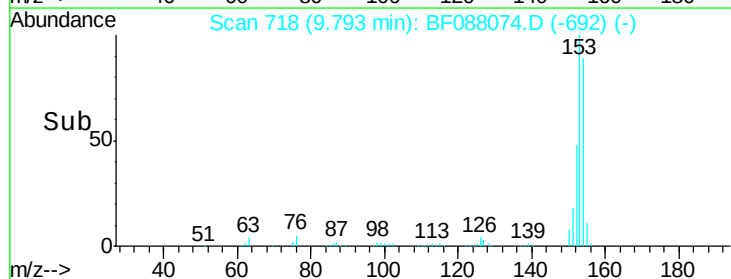
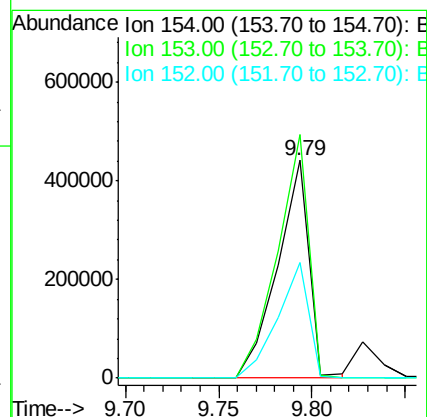
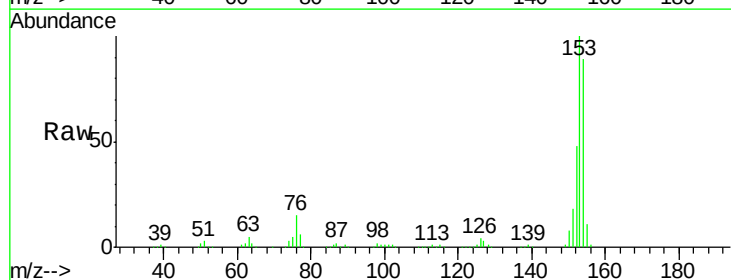
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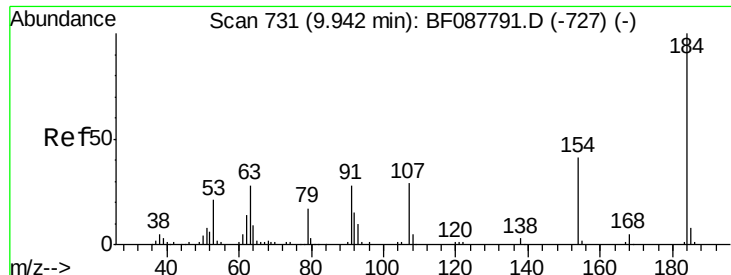
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#51
Acenaphthene
Concen: 42.91 ng
RT: 9.79 min Scan# 718
Delta R.T. -0.00 min
Lab File: BF088074.D
Acq: 16 Jun 2016 14:27

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	111.8	89.5	134.3
152	53.2	42.7	64.1





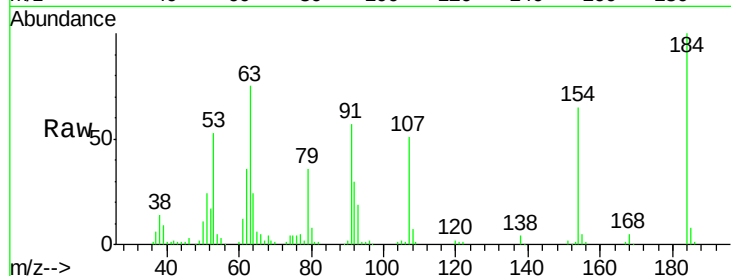
#53
2,4-Dinitrophenol
Concen: 77.44 ng
RT: 9.83 min Scan# 721
Delta R.T. 0.00 min
Lab File: BF088074.D
Acq: 16 Jun 2016 14:27

Instrument :
BNA_F
ClientSampleId :
HSR-WC-52-060916MS

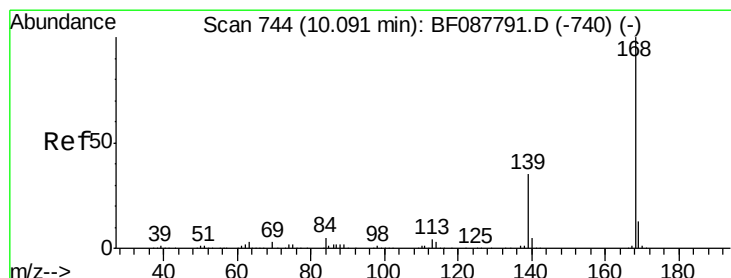
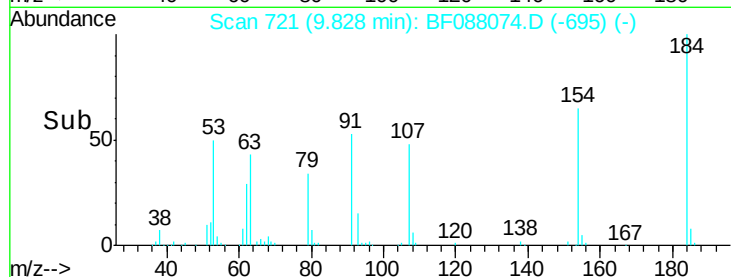
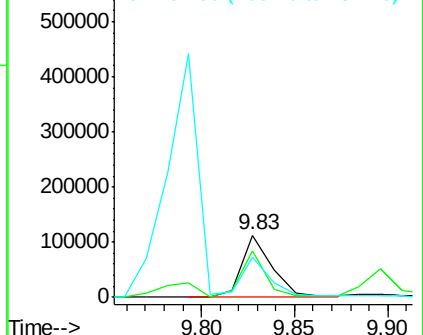
Tot Ion	Ratio	Resp	Lower	Upper
184	100	131465		
63	74.6	57.6	86.4	
154	65.4	53.5	80.3	

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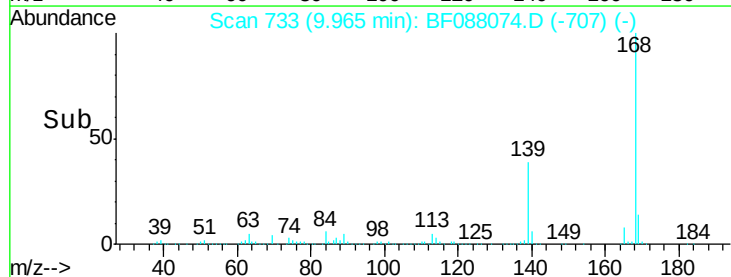
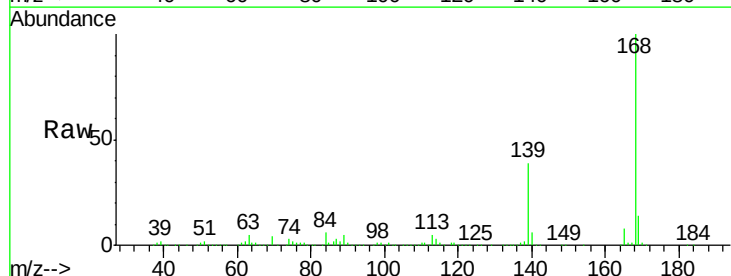
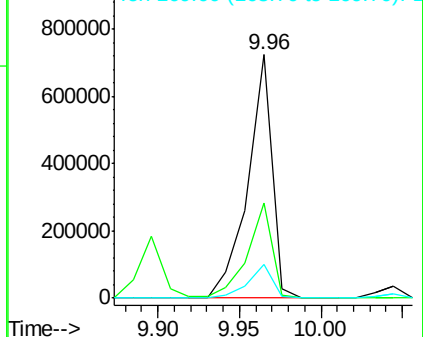
Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

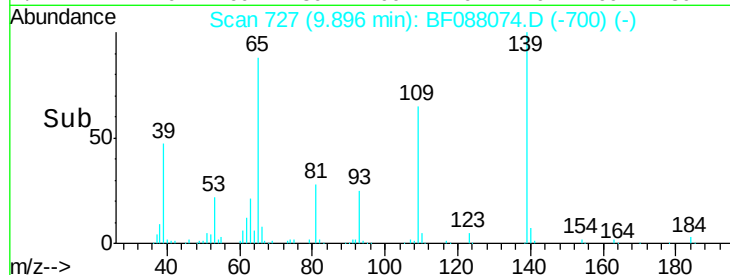
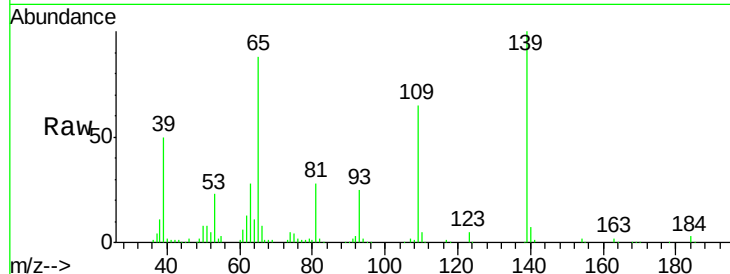
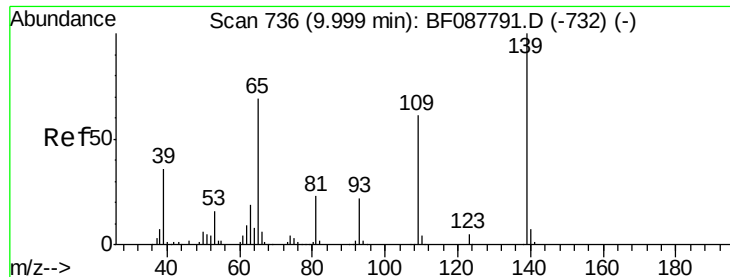


#54
Dibenzofuran
Concen: 44.91 ng
RT: 9.96 min Scan# 733
Delta R.T. 0.00 min
Lab File: BF088074.D
Acq: 16 Jun 2016 14:27

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	747677		
139	39.3	26.4	39.6	
169	13.7	10.4	15.6	

Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





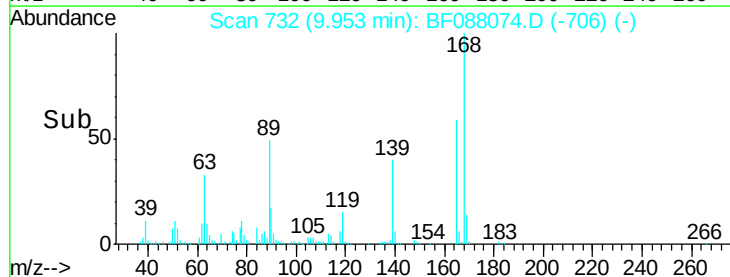
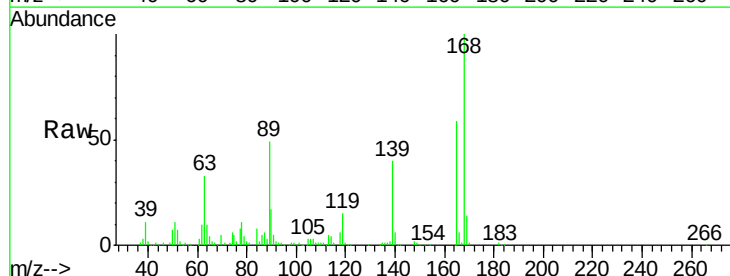
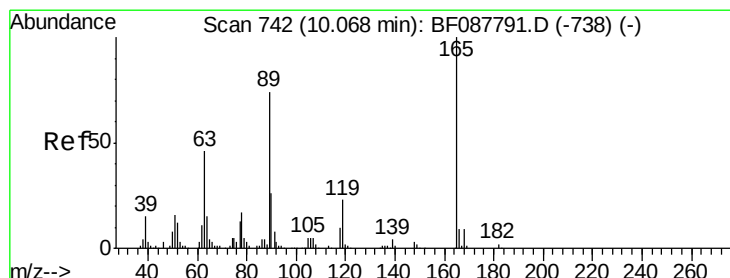
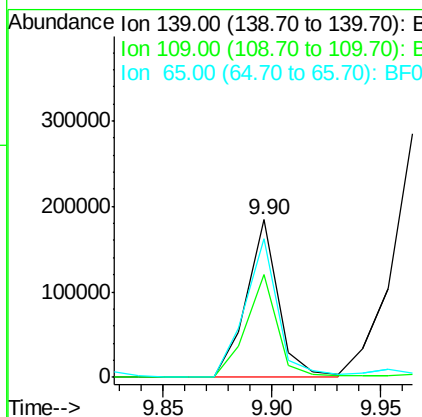
#55
4-Nitrophenol
Concen: 67.97 ng
RT: 9.90 min Scan# 727
Delta R.T. 0.01 min
Lab File: BF088074.D
Acq: 16 Jun 2016 14:27

Tot Ion	Ion	Ratio	Resp	Lower	Upper
139	100		190141		
109	65.1	48.9	88.9		
65	88.3	84.9	124.9		

Instrument :
BNA_F
ClientSampleId :
HSR-WC-52-060916MS

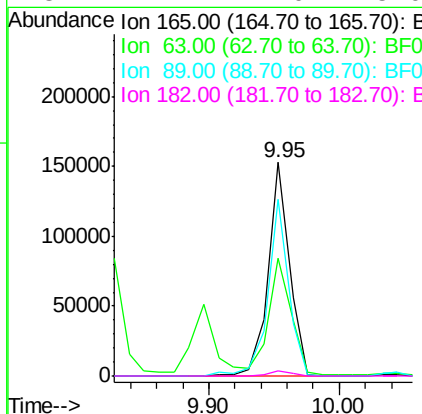
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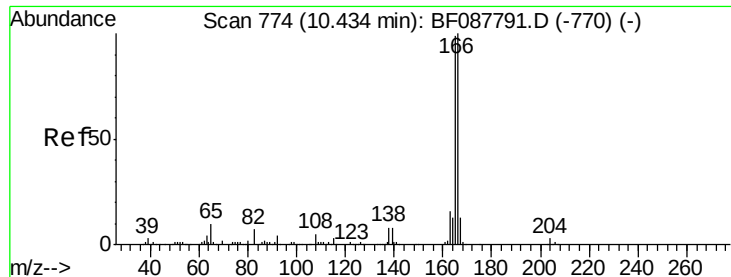
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#56
2,4-Dinitrotoluene
Concen: 43.86 ng
RT: 9.95 min Scan# 732
Delta R.T. -0.00 min
Lab File: BF088074.D
Acq: 16 Jun 2016 14:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
165	100		176060		
63	55.1	22.0	33.0#		
89	83.0	41.1	61.7#		
182	2.2	2.0	3.0		





#57

Fluorene

Concen: 56.03 ng

RT: 10.31 min Scan# 763

Delta R.T. -0.00 min

Lab File: BF088074.D

Acq: 16 Jun 2016 14:27

Instrument :

BNA_F

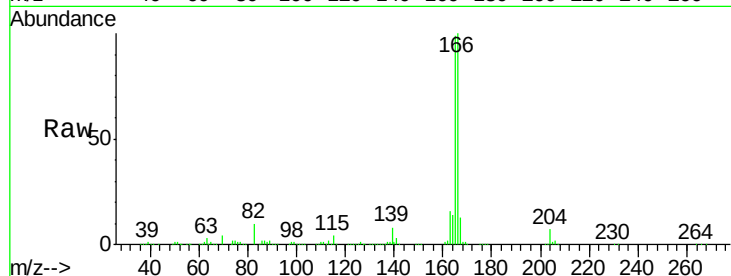
ClientSampleId :

HSR-WC-52-060916MS

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Tot Ion	166	Resp	617078
Ion Ratio	Lower	Upper	
166	100		
165	99.0	77.8	116.8
167	13.4	11.2	16.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

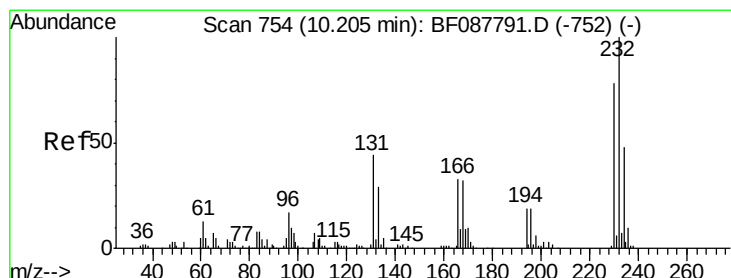
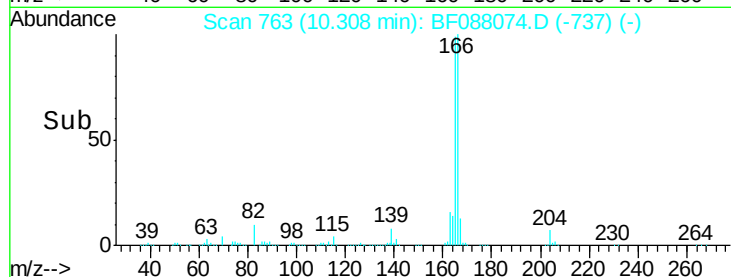
10.31

400000

200000

0

Time--> 10.20 10.30 10.40



#58

2,3,4,6-Tetrachlorophenol

Concen: 42.02 ng

RT: 10.09 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF088074.D

Acq: 16 Jun 2016 14:27

Tgt Ion	232	Resp	129344
Ion Ratio	Lower	Upper	
232	100		

131	53.8	0.9	1.3#
130	2.3	1.5	2.3#
166	35.6	0.5	0.7#

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

200000

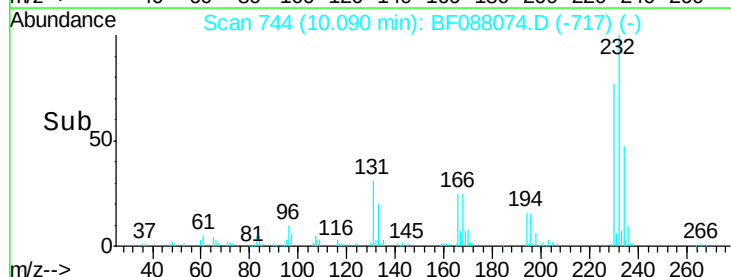
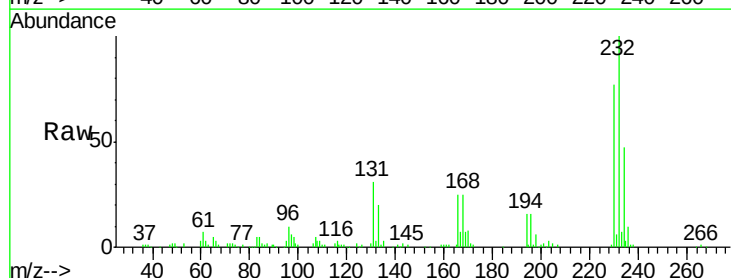
150000

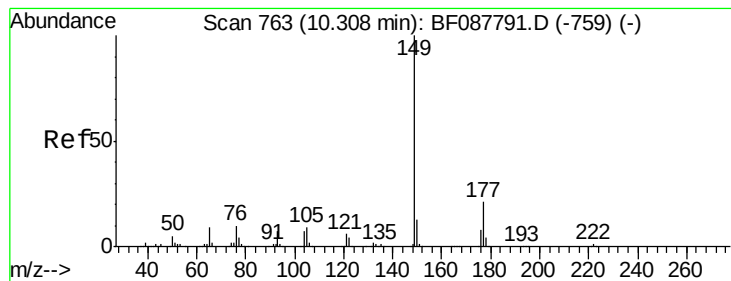
100000

50000

0

Time--> 10.10 10.20





#59

Diethylphthalate

Concen: 49.52 ng

RT: 10.19 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF088074.D

Acq: 16 Jun 2016 14:27

Instrument :

BNA_F

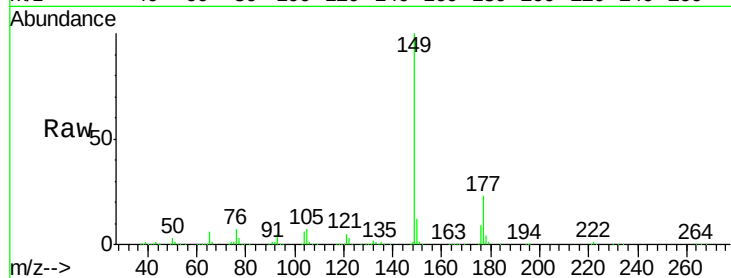
ClientSampleId :

HSR-WC-52-060916MS

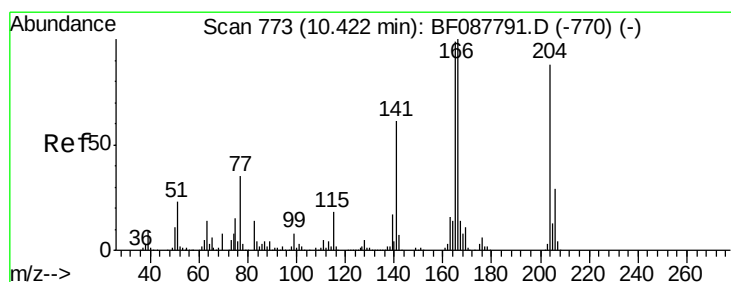
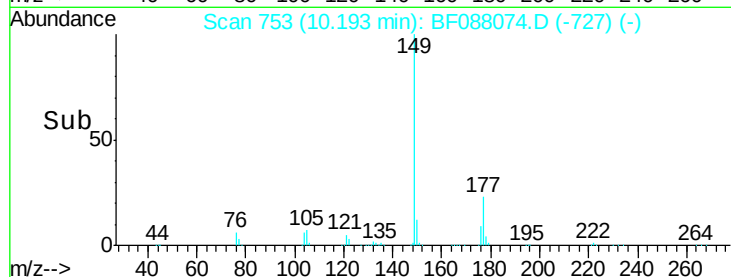
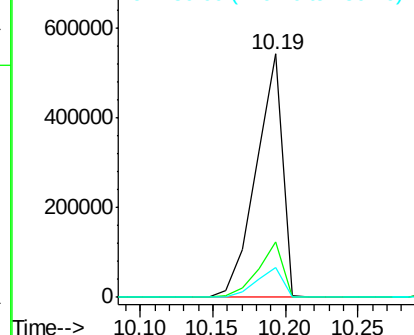
Tot Ion:	149	Resp:	683663
Ion Ratio	Lower	Upper	
149	100		
177	22.7	16.9	25.3
150	12.2	10.1	15.1

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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: 41.69 ng

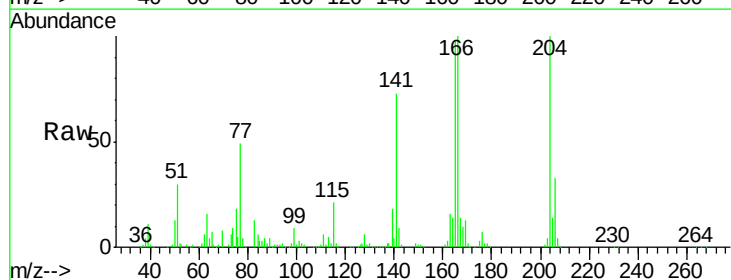
RT: 10.30 min Scan# 762

Delta R.T. 0.00 min

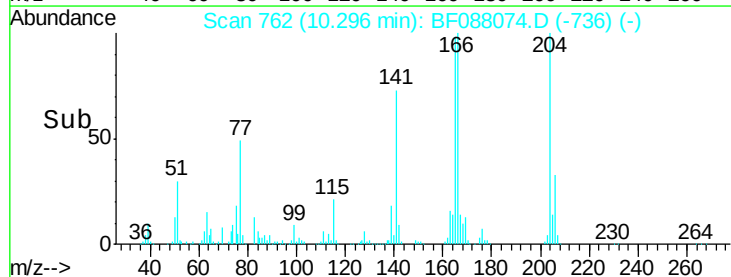
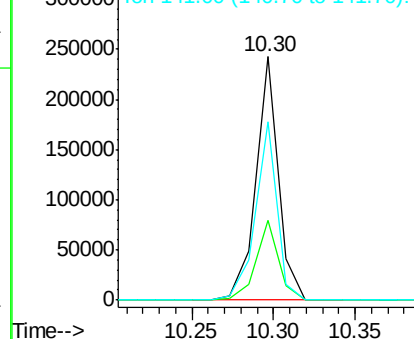
Lab File: BF088074.D

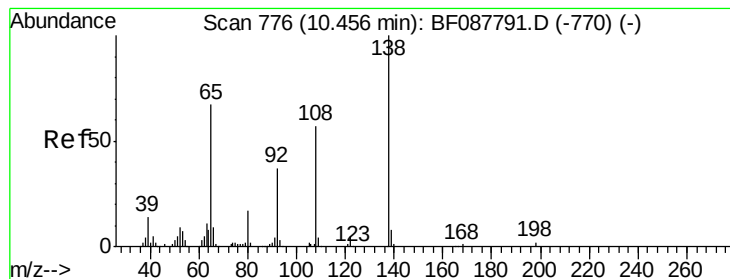
Acq: 16 Jun 2016 14:27

Tgt Ion:	204	Resp:	230852
Ion Ratio	Lower	Upper	
204	100		
206	32.5	26.3	39.5
141	73.4	55.0	82.6



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: 13.34 ng

RT: 10.33 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF088074.D

Acq: 16 Jun 2016 14:27

Instrument :

BNA_F

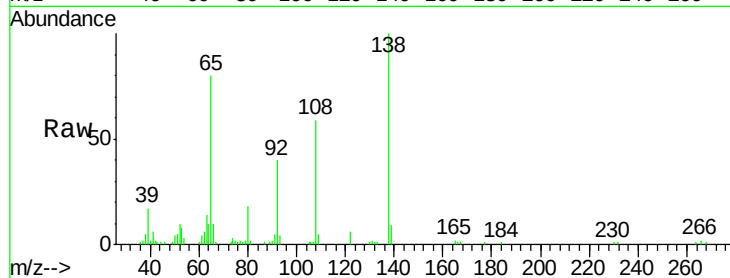
ClientSampleId :

HSR-WC-52-060916MS

Tot Ion:	138	Resp:	45620
Ion Ratio	Lower	Upper	
138	100		
92	40.5	27.3	67.3
108	59.2	46.7	86.7

Manual Integrations
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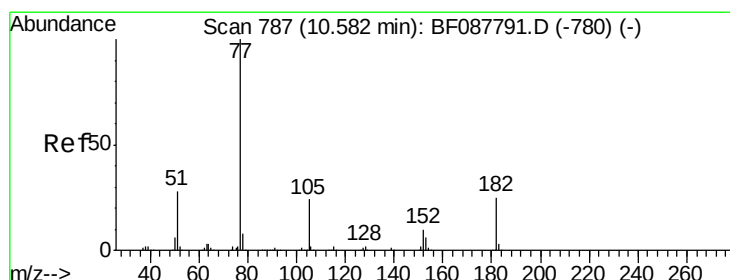
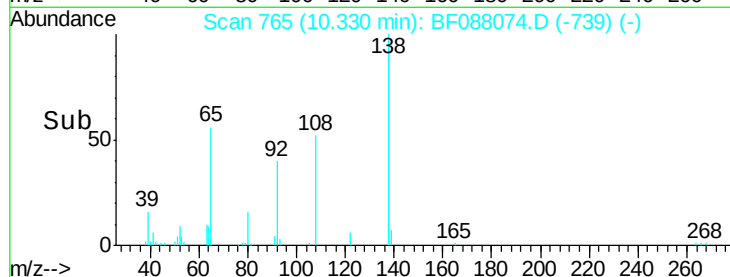
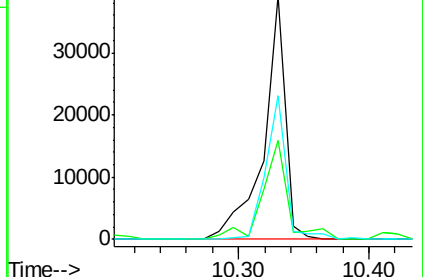
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 41.22 ng

RT: 10.46 min Scan# 776

Delta R.T. 0.00 min

Lab File: BF088074.D

Acq: 16 Jun 2016 14:27

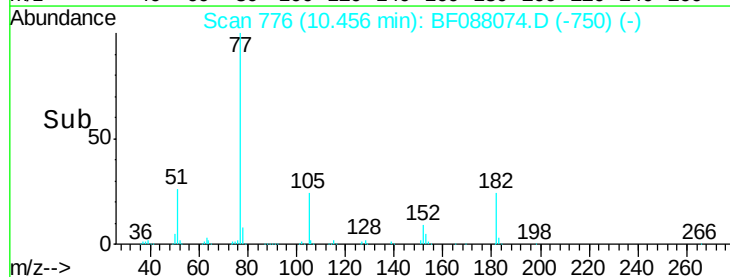
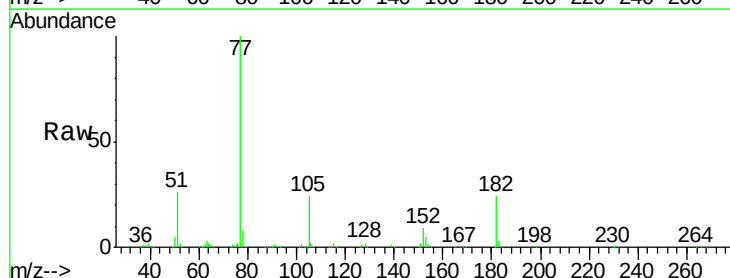
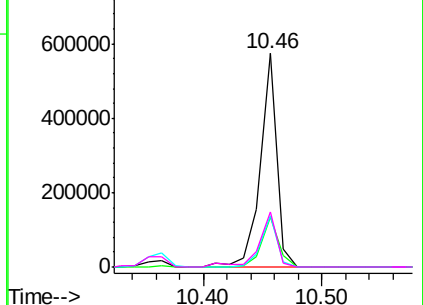
Tgt Ion:	77	Resp:	562680
Ion Ratio	Lower	Upper	
77	100		
182	23.6	4.4	44.4
105	23.9	3.8	43.8
51	25.8	9.3	49.3

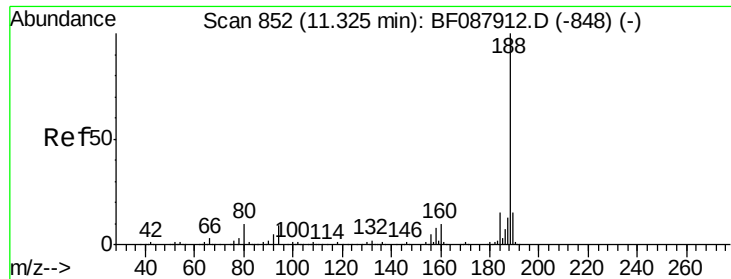
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.23 min Scan# 844

Delta R.T. 0.00 min

Lab File: BF088074.D

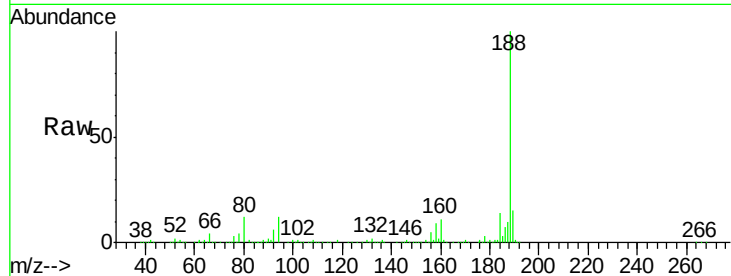
Acq: 16 Jun 2016 14:27

Instrument :

BNA_F

ClientSampleId :

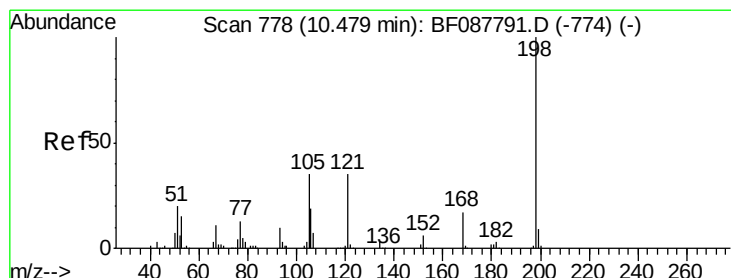
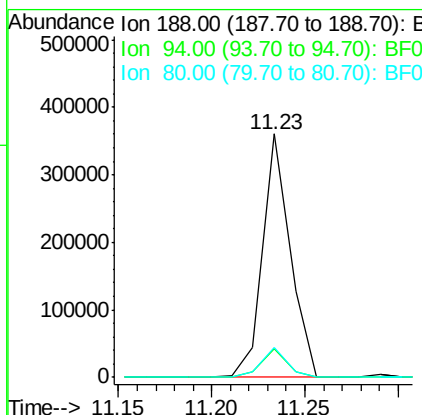
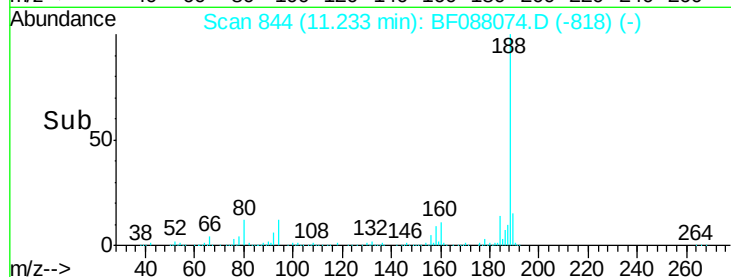
HSR-WC-52-060916MS



Tot Ion	188	Resp	369769
Ion Ratio	100	Lower	Upper
188	100		
94	11.9	9.0	13.6
80	12.4	10.0	15.0

Manual Integrations
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#64

4,6-Dinitro-2-methylphenol

Concen: 47.36 ng m

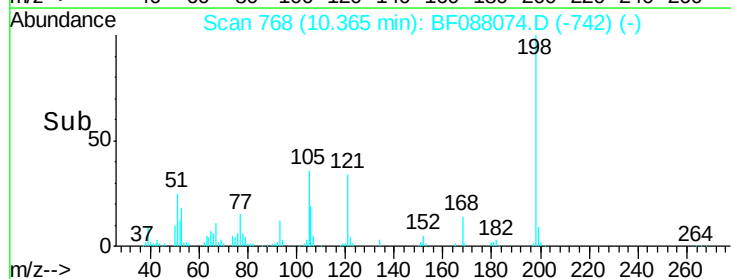
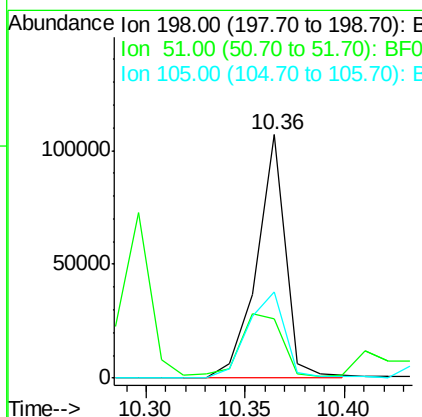
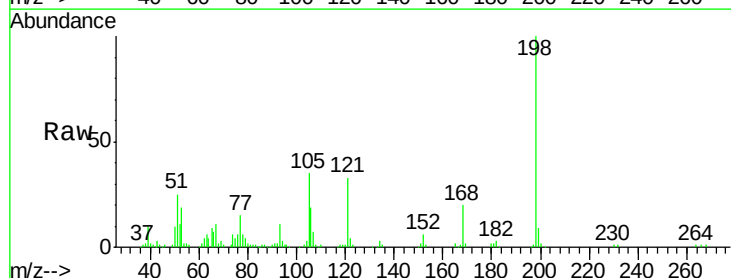
RT: 10.36 min Scan# 768

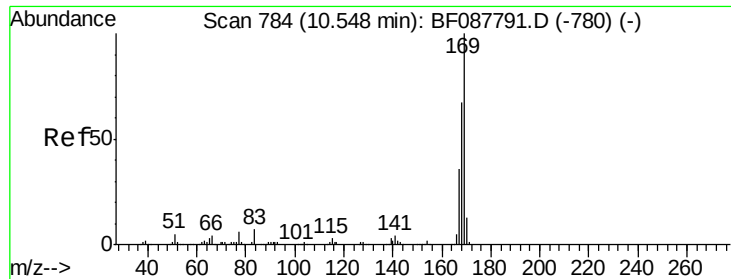
Delta R.T. -0.00 min

Lab File: BF088074.D

Acq: 16 Jun 2016 14:27

Tgt Ion	198	Resp	109252
Ion Ratio	100	Lower	Upper
198	100		
51	24.6	39.6	79.6#
105	35.2	36.6	76.6#





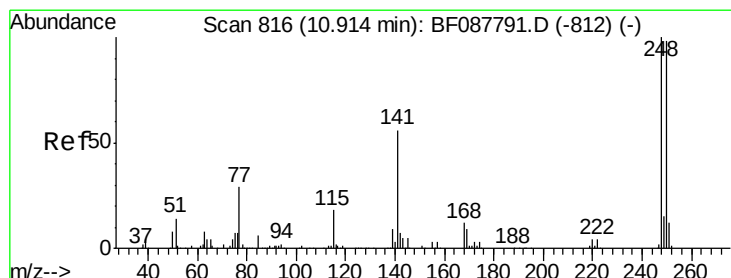
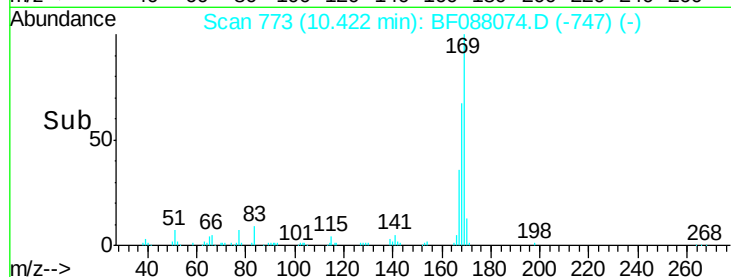
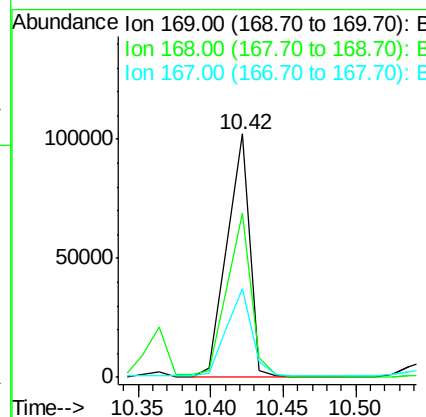
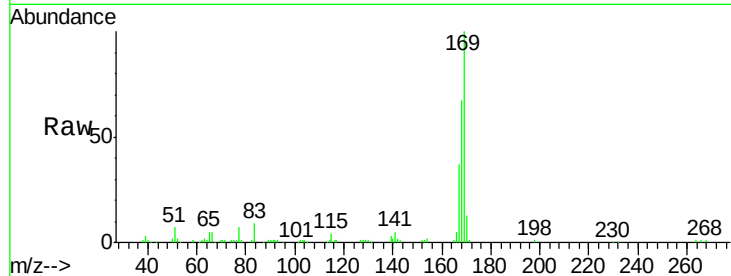
#65
n-Nitrosodiphenylamine
Concen: 9.12 ng
RT: 10.42 min Scan# 773
Delta R.T. -0.00 min
Lab File: BF088074.D
Acq: 16 Jun 2016 14:27

Instrument :
BNA_F
ClientSampleId :
HSR-WC-52-060916MS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	111920		
168	67.4	53.4	80.0	
167	36.6	29.4	44.0	

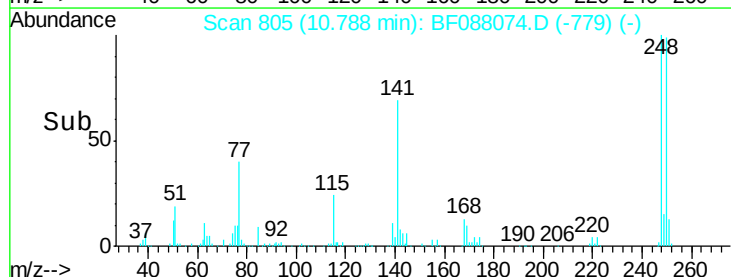
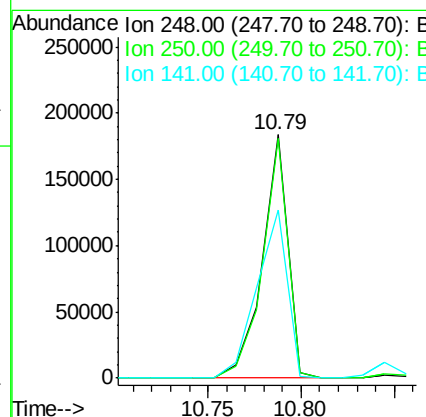
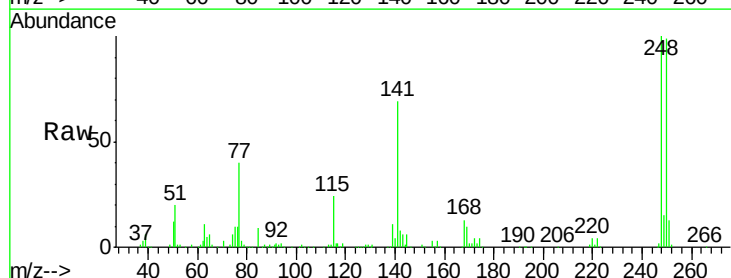
Manual Integrations
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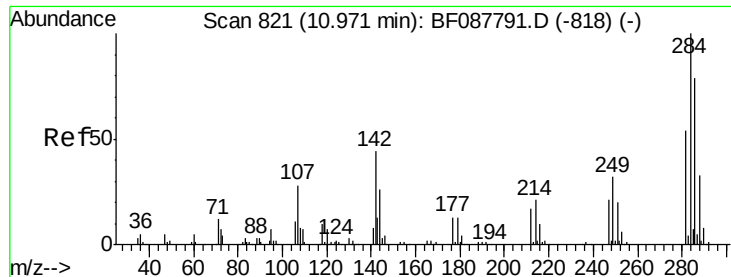
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#66
4-Bromophenyl-phenylether
Concen: 43.48 ng
RT: 10.79 min Scan# 805
Delta R.T. -0.00 min
Lab File: BF088074.D
Acq: 16 Jun 2016 14:27

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	172471		
250	98.5	77.1	115.7	
141	68.9	50.6	76.0	





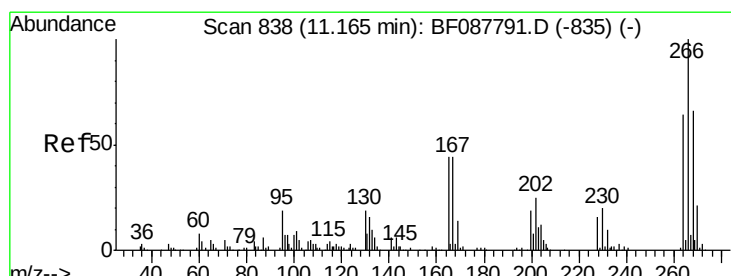
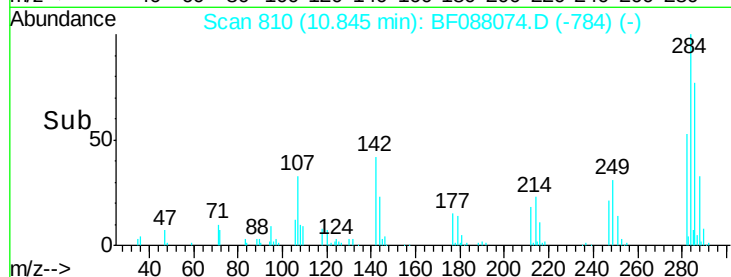
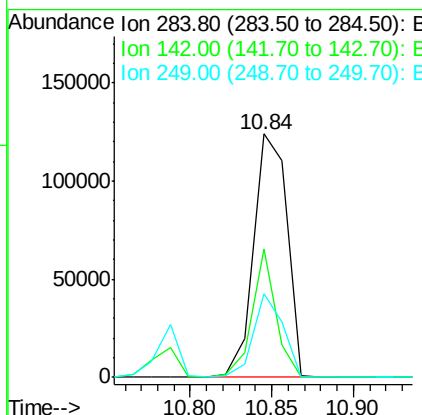
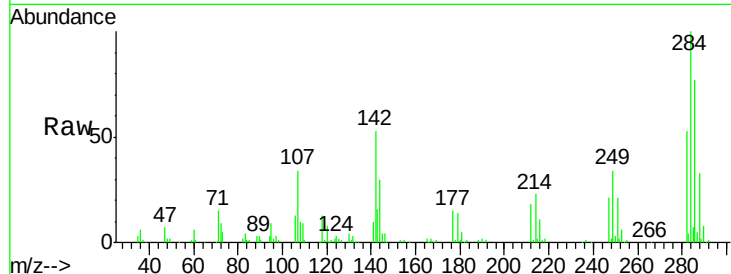
#67
Hexachlorobenzene
Concen: 42.66 ng
RT: 10.84 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF088074.D
Acq: 16 Jun 2016 14:27

Instrument :
BNA_F
ClientSampled :
HSR-WC-52-060916MS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	175851		
142	52.9	35.8	53.8	
249	34.3	25.8	38.6	

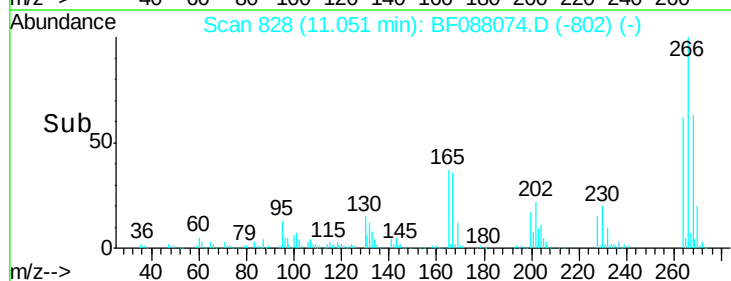
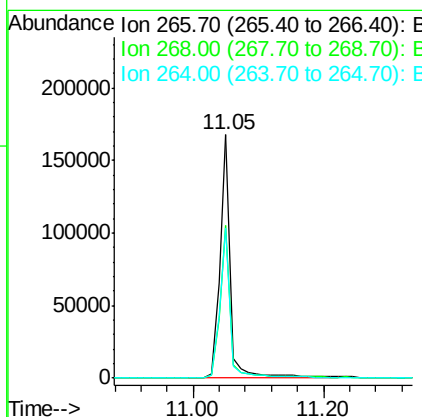
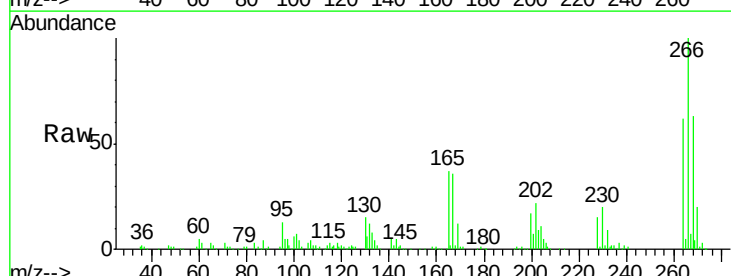
Manual Integrations
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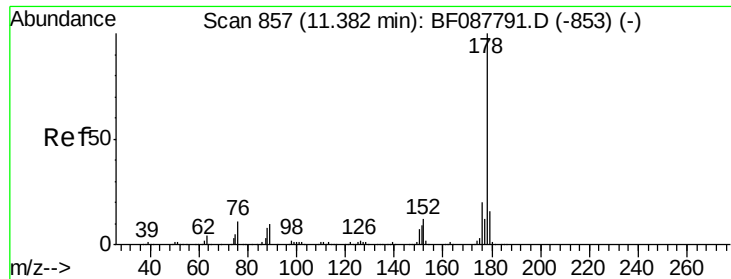
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#69
Pentachlorophenol
Concen: 86.57 ng
RT: 11.05 min Scan# 828
Delta R.T. -0.00 min
Lab File: BF088074.D
Acq: 16 Jun 2016 14:27

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	188093		
268	62.5	52.8	79.2	
264	61.7	49.6	74.4	





#70

Phenanthrene

Concen: 45.75 ng

RT: 11.27 min Scan# 847

Delta R.T. 0.01 min

Lab File: BF088074.D

Acq: 16 Jun 2016 14:27

Instrument :

BNA_F

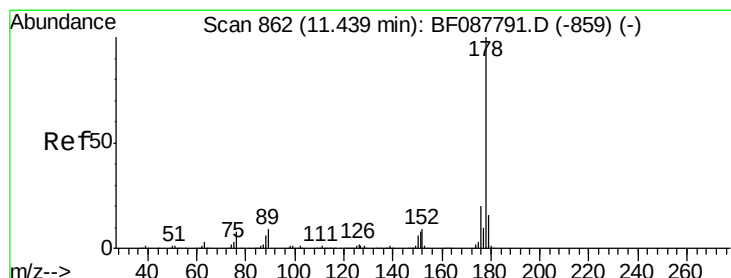
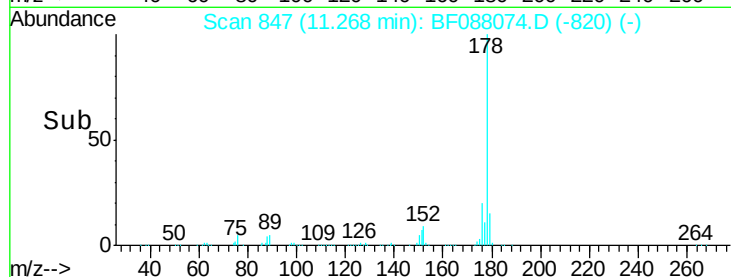
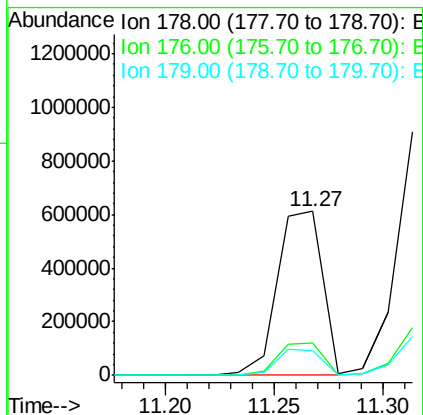
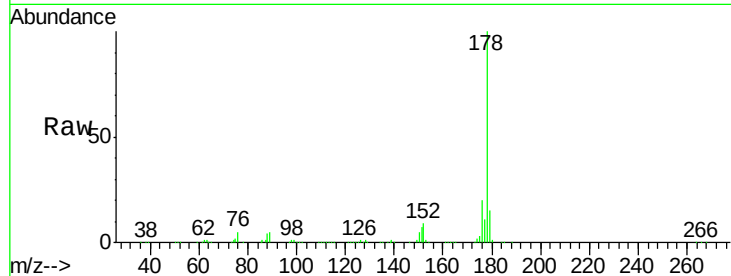
ClientSampleId :

HSR-WC-52-060916MS

Manual Integrations
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Tot Ion	178	Resp	887724
Ion Ratio	Lower	Upper	
178	100		
176	19.5	15.8	23.6
179	15.2	13.0	19.4



#71

Anthracene

Concen: 43.02 ng

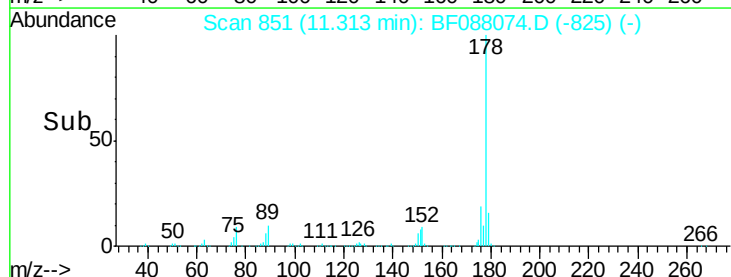
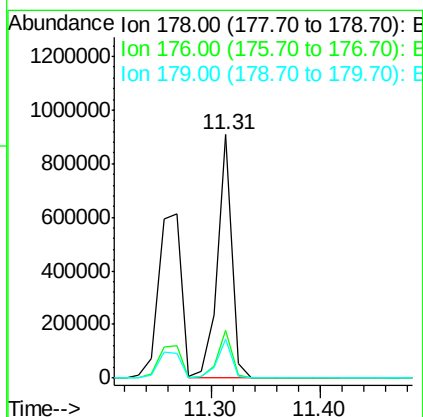
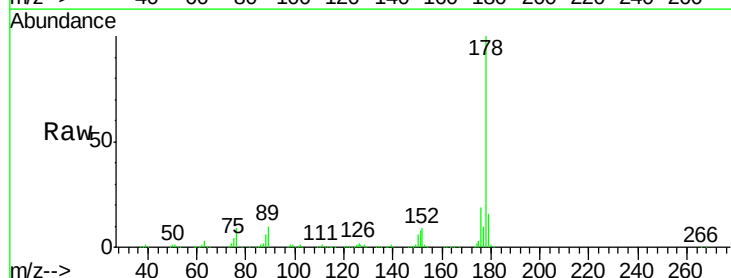
RT: 11.31 min Scan# 851

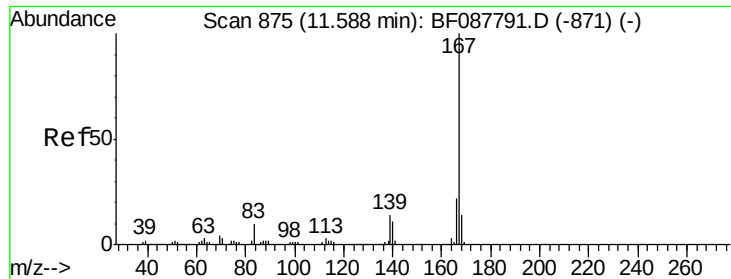
Delta R.T. -0.00 min

Lab File: BF088074.D

Acq: 16 Jun 2016 14:27

Tgt Ion	178	Resp	841974
Ion Ratio	Lower	Upper	
178	100		
176	19.5	15.6	23.4
179	15.9	12.8	19.2





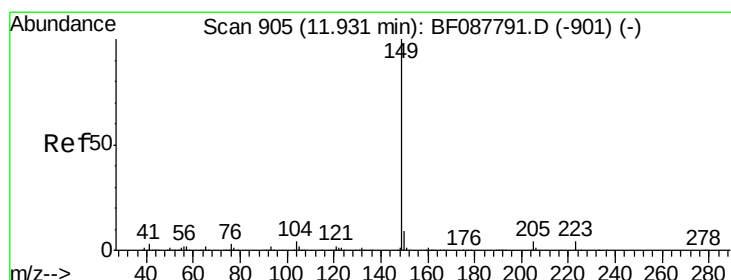
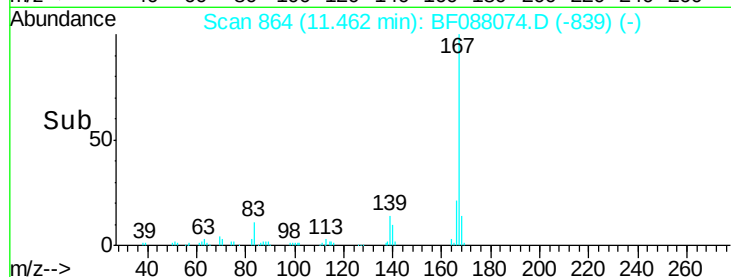
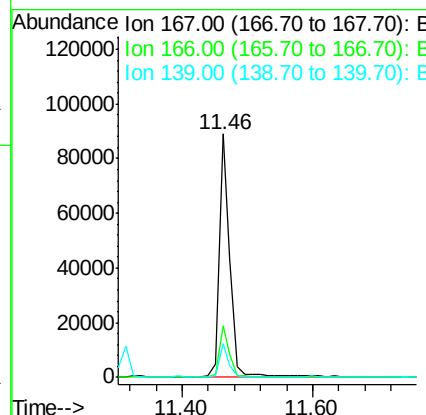
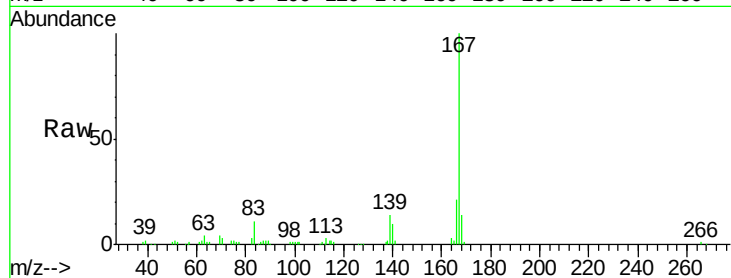
#72
 Carbazole
 Concen: 5.62 ng
 RT: 11.46 min Scan# 864
 Delta R.T. -0.01 min
 Lab File: BF088074.D
 Acq: 16 Jun 2016 14:27

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-52-060916MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
167	100				
166	21.2		17.8	26.6	
139	13.8		11.2	16.8	

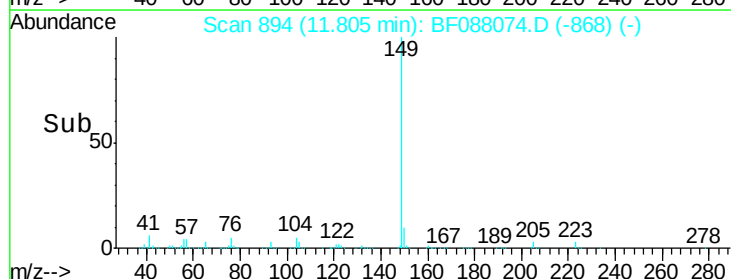
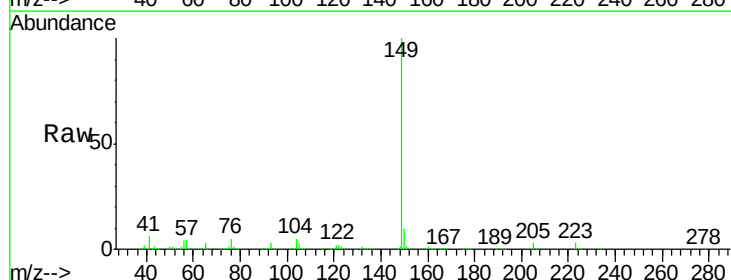
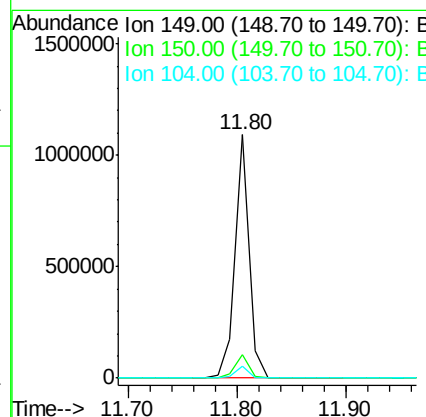
Manual Integrations
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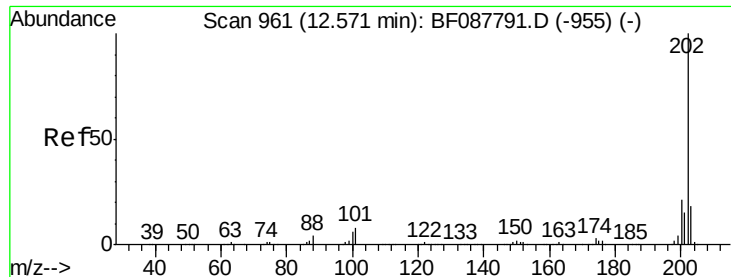
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#73
 Di-n-butylphthalate
 Concen: 41.59 ng
 RT: 11.80 min Scan# 894
 Delta R.T. 0.00 min
 Lab File: BF088074.D
 Acq: 16 Jun 2016 14:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100				
150	9.6		7.8	11.6	
104	5.0		4.0	6.0	





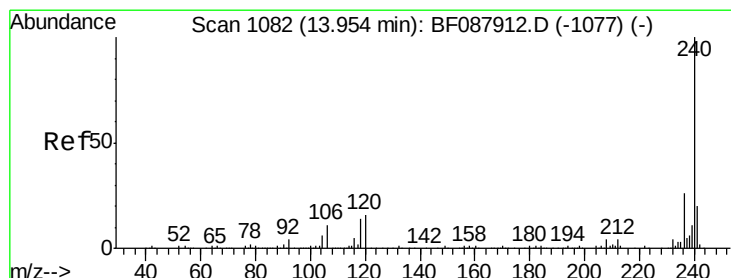
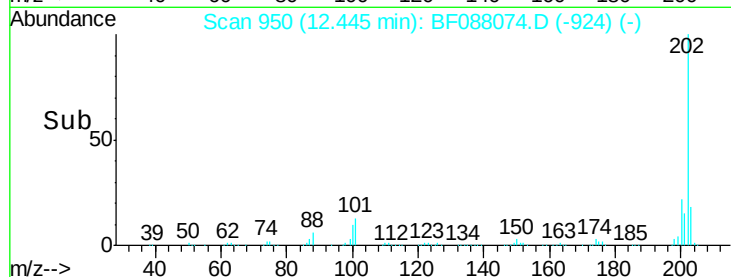
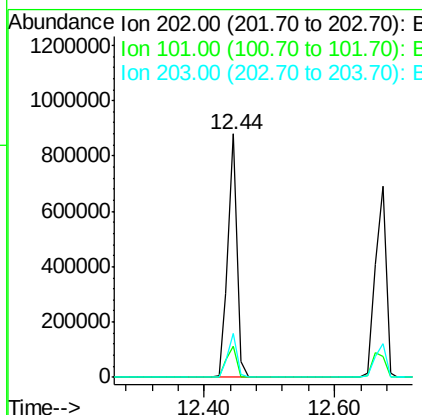
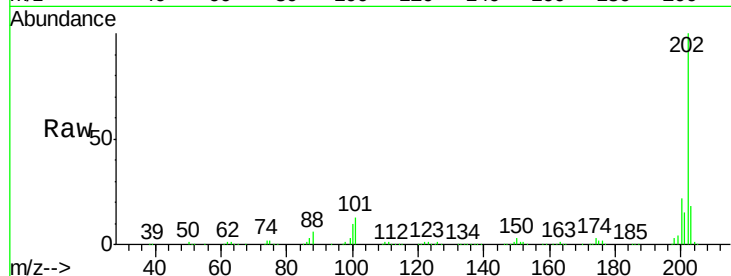
#74
 Fluoranthene
 Concen: 42.04 ng
 RT: 12.44 min Scan# 950
 Delta R.T. 0.00 min
 Lab File: BF088074.D
 Acq: 16 Jun 2016 14:27

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-52-060916MS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.9	0.0	33.1
203	18.2	0.0	38.1

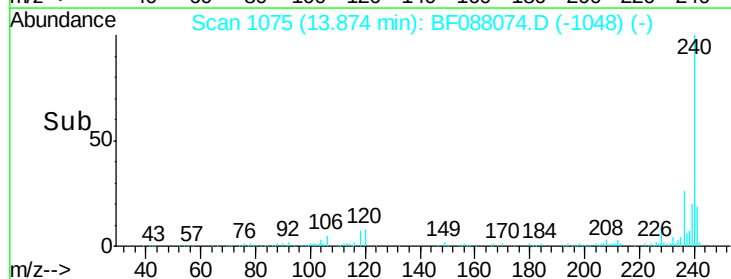
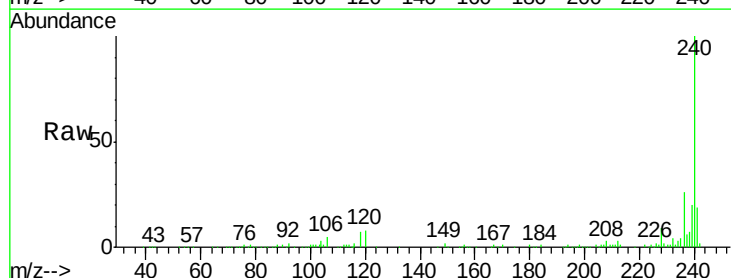
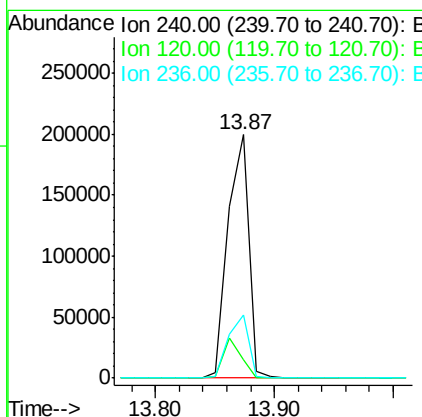
Manual Integrations
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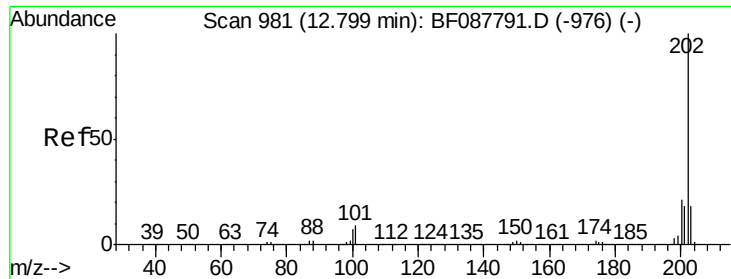
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#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.87 min Scan# 1075
 Delta R.T. 0.01 min
 Lab File: BF088074.D
 Acq: 16 Jun 2016 14:27

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	7.7	6.8	10.2
236	25.7	20.2	30.2





#77

Pvrene

Concen: 43.15 ng

RT: 12.67 min Scan# 970

Delta R.T. -0.00 min

Lab File: BF088074.D

Acq: 16 Jun 2016 14:27

Instrument :

BNA_F

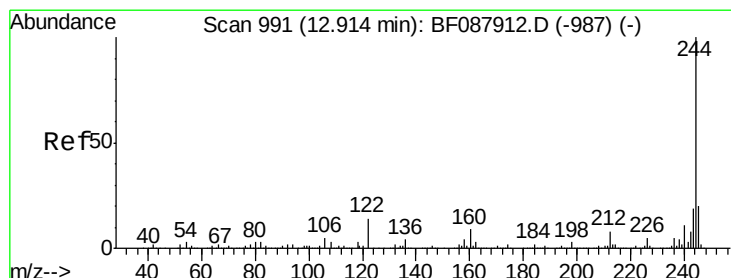
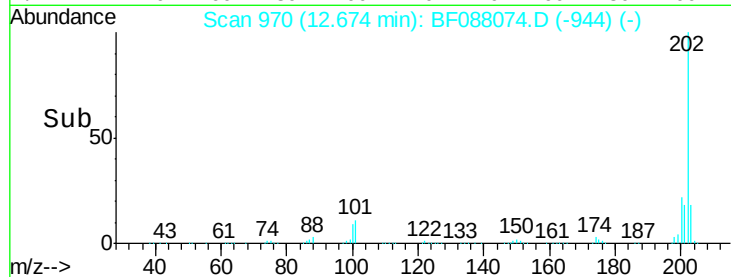
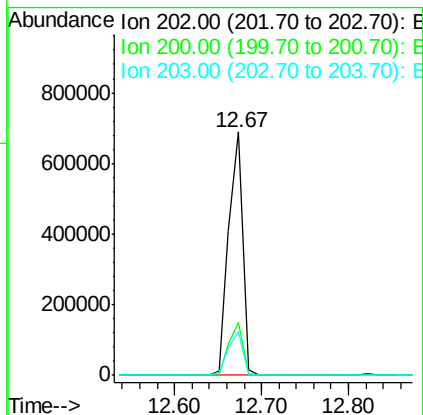
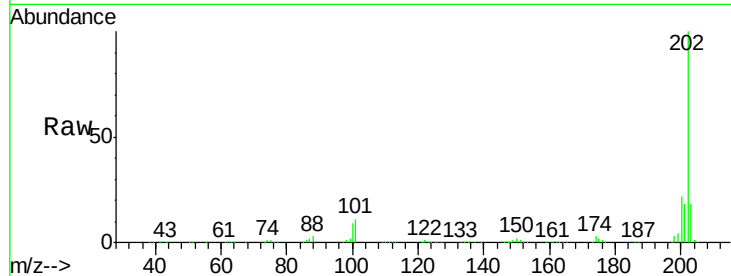
ClientSampleId :

HSR-WC-52-060916MS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.4	26.2
203	17.8	14.5	21.7

Manual Integrations
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#78

Terphenyl-d14

Concen: 89.30 ng

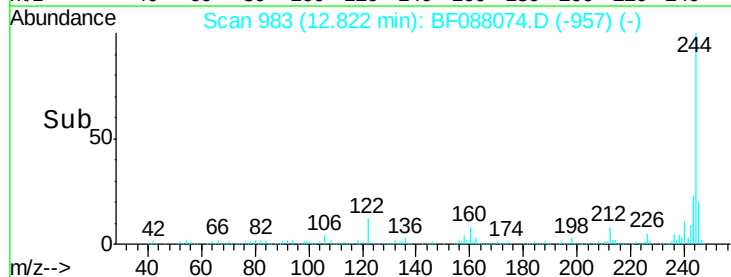
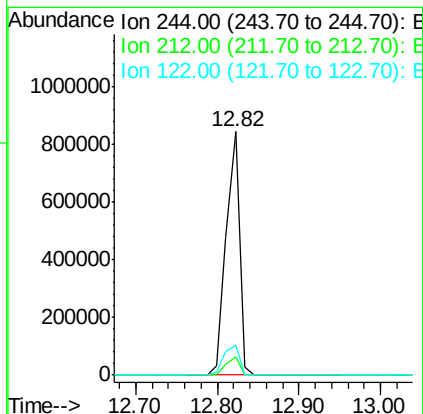
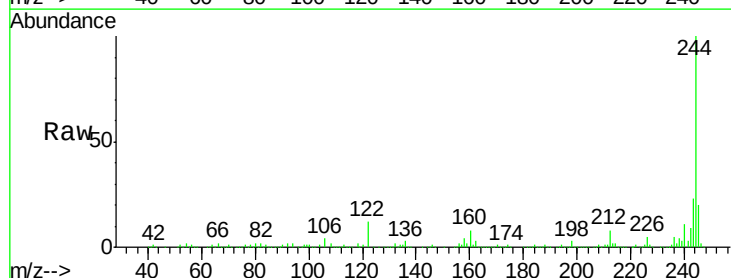
RT: 12.82 min Scan# 983

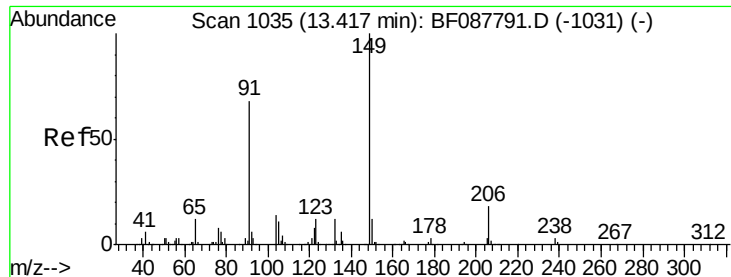
Delta R.T. 0.00 min

Lab File: BF088074.D

Acq: 16 Jun 2016 14:27

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.0	9.0
122	12.1	11.2	16.8





#79

Butylbenzylphthalate

Concen: 46.69 ng

RT: 13.29 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BF088074.D

Acq: 16 Jun 2016 14:27

Instrument :

BNA_F

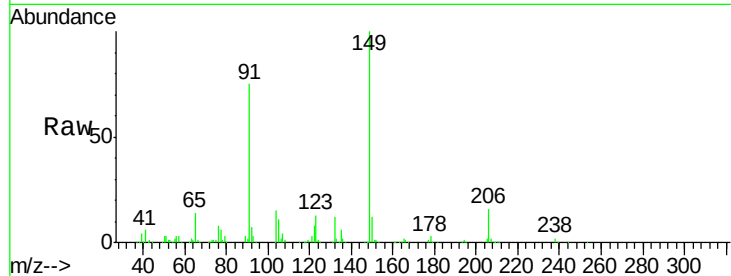
ClientSampleId :

HSR-WC-52-060916MS

Tot Ion:	149	Resp:	371877
Ion Ratio	Lower	Upper	
149	100		
91	74.9	48.0	72.0#
206	16.1	16.0	24.0

Manual Integrations
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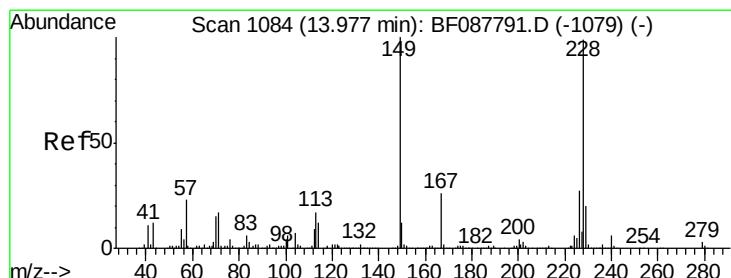
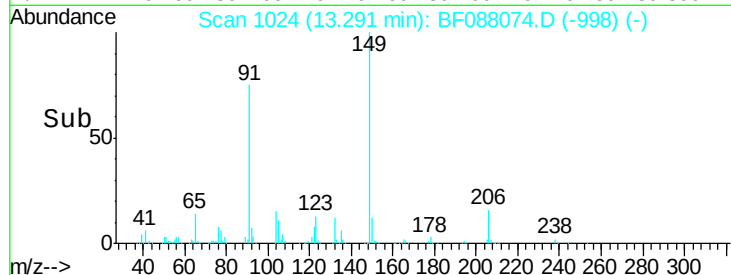
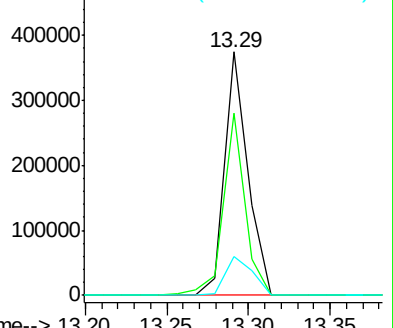
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 43.85 ng

RT: 13.85 min Scan# 1073

Delta R.T. 0.00 min

Lab File: BF088074.D

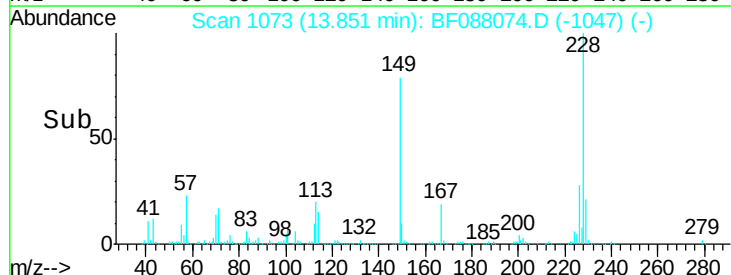
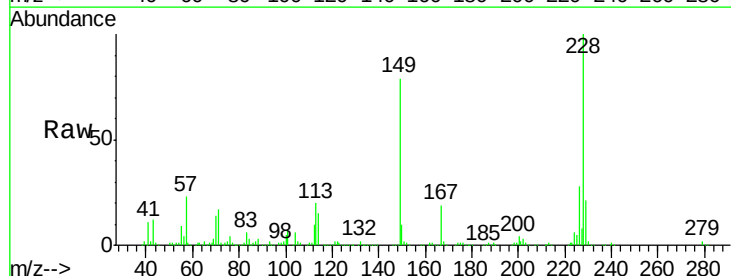
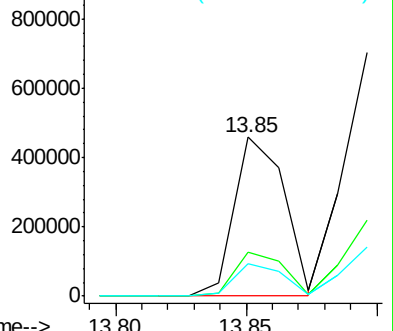
Acq: 16 Jun 2016 14:27

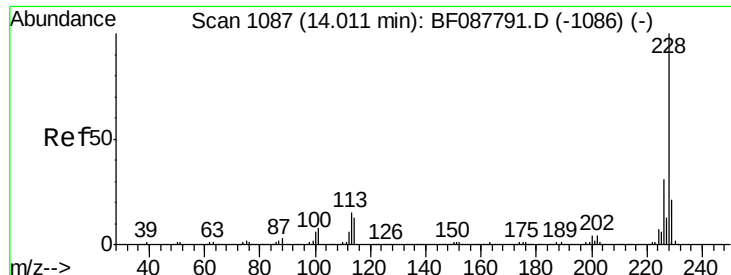
Tgt Ion:	228	Resp:	606641
Ion Ratio	Lower	Upper	
228	100		
226	27.6	22.3	33.5
229	20.7	16.0	24.0

Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





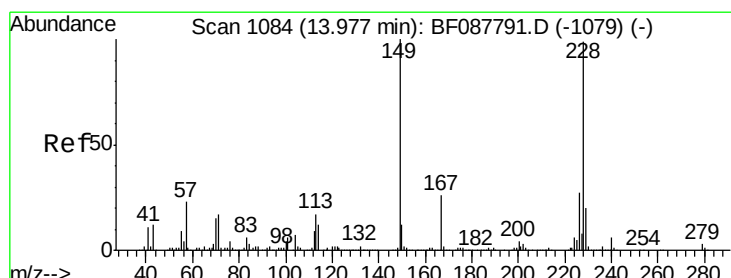
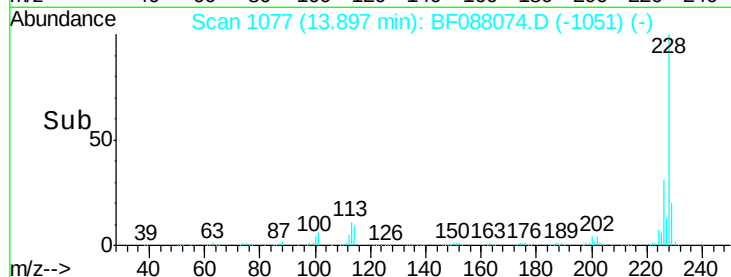
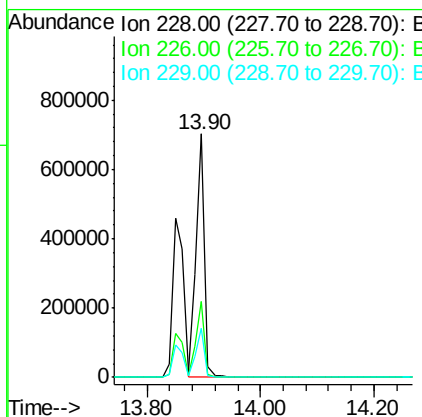
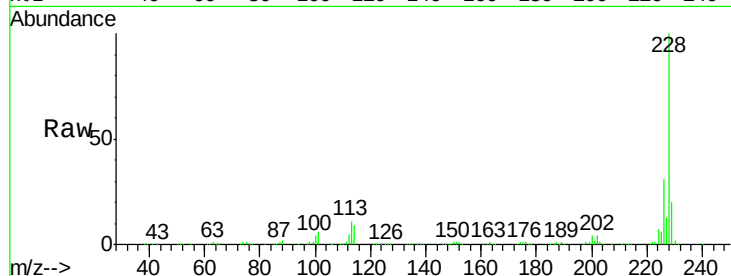
#82
Chrysene
Concen: 55.28 ng
RT: 13.90 min Scan# 1077
Delta R.T. 0.00 min
Lab File: BF088074.D
Acq: 16 Jun 2016 14:27

Instrument :
BNA_F
ClientSampleId :
HSR-WC-52-060916MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
228	100		719515		
226	31.2	25.4	38.2		
229	20.3	16.3	24.5		

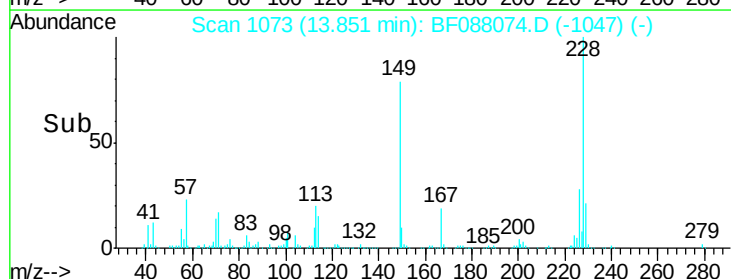
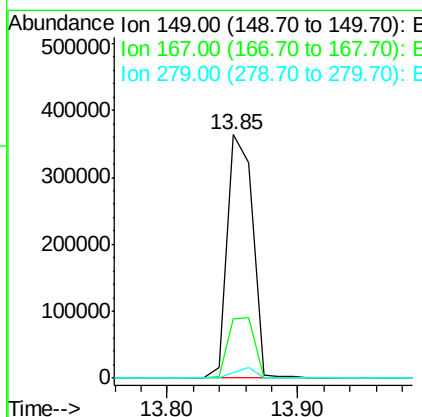
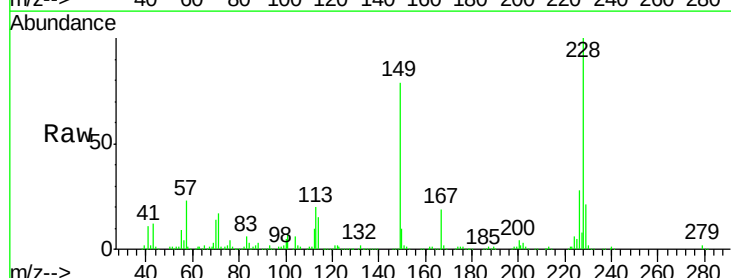
Manual Integrations
APPROVED

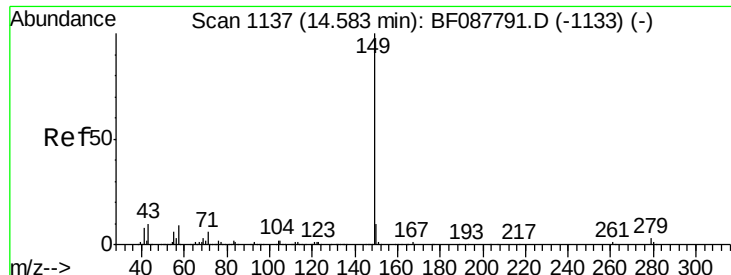
sohil
6/17/2016 7:15:33 PM



#83
Bis(2-ethylhexyl)phthalate
Concen: 50.16 ng
RT: 13.85 min Scan# 1073
Delta R.T. 0.00 min
Lab File: BF088074.D
Acq: 16 Jun 2016 14:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		486397		
167	24.4	20.5	30.7		
279	2.0	2.0	3.0		





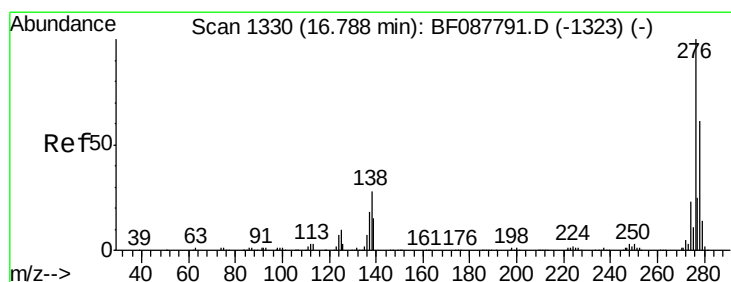
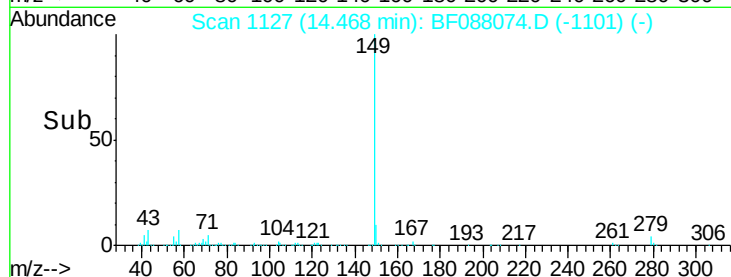
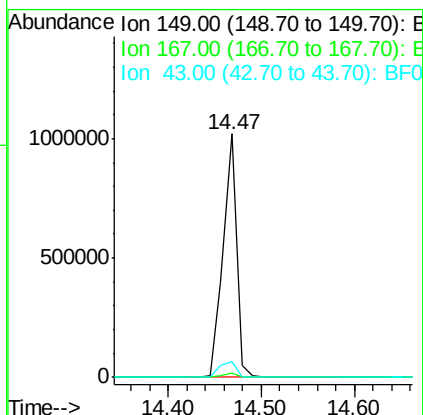
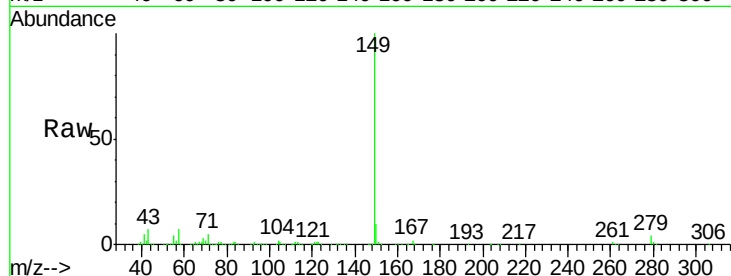
#84
Di-n-octyl phthalate
Concen: 64.61 ng
RT: 14.47 min Scan# 1127
Delta R.T. -0.00 min
Lab File: BF088074.D
Acq: 16 Jun 2016 14:27

Instrument :
BNA_F
ClientSampleId :
HSR-WC-52-060916MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	0.0	0.0#
43	8.1	0.0	0.0#

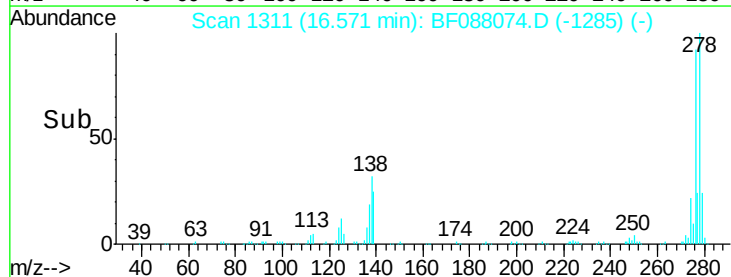
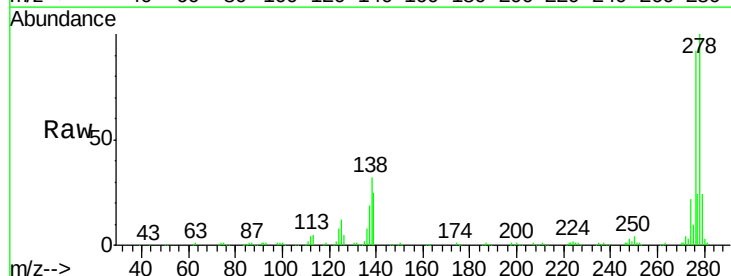
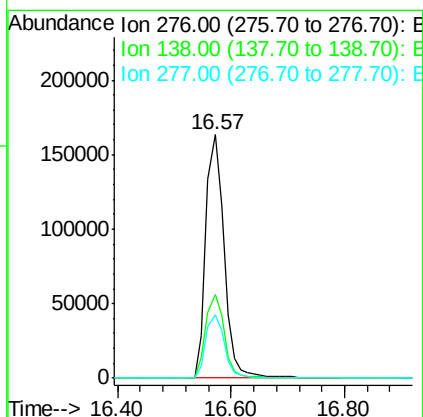
Manual Integrations
APPROVED

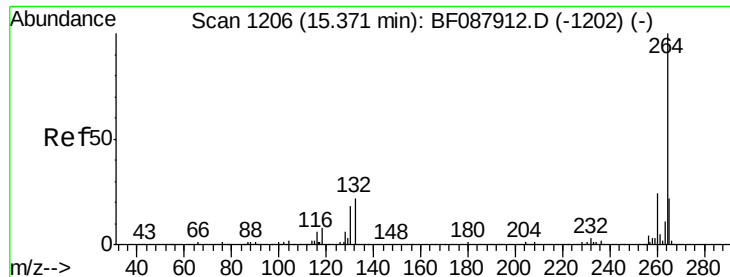
sohil
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#85
Indeno(1,2,3-cd)pyrene
Concen: 29.51 ng
RT: 16.57 min Scan# 1311
Delta R.T. 0.00 min
Lab File: BF088074.D
Acq: 16 Jun 2016 14:27

Tgt Ion	Ratio	Lower	Upper
276	100		
138	35.3	0.0	0.0#
277	26.3	0.0	0.0#





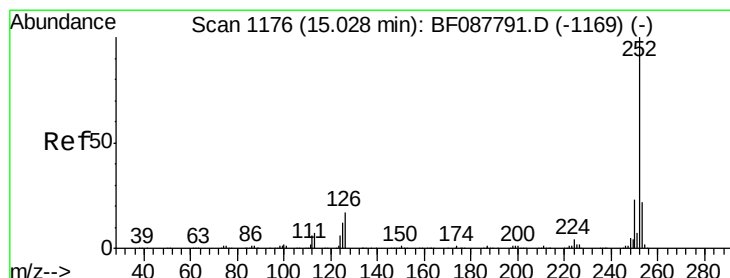
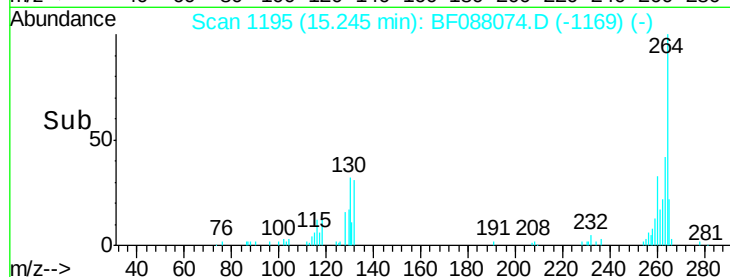
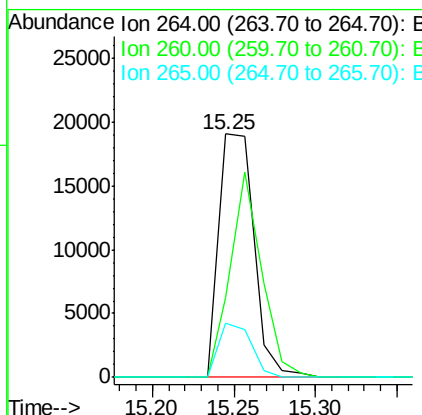
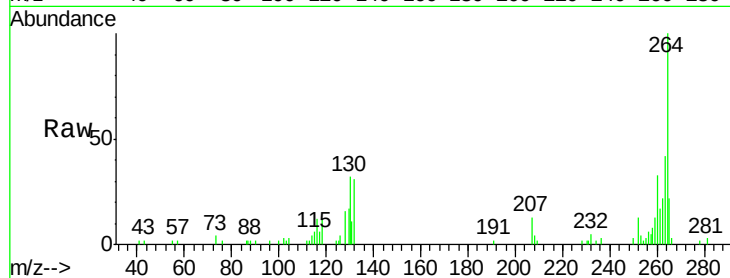
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.25 min Scan# 1195
Delta R.T. -0.00 min
Lab File: BF088074.D
Acq: 16 Jun 2016 14:27

Instrument :
BNA_F
ClientSampleId :
HSR-WC-52-060916MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	32.7	19.2	28.8#
265	22.1	16.9	25.3

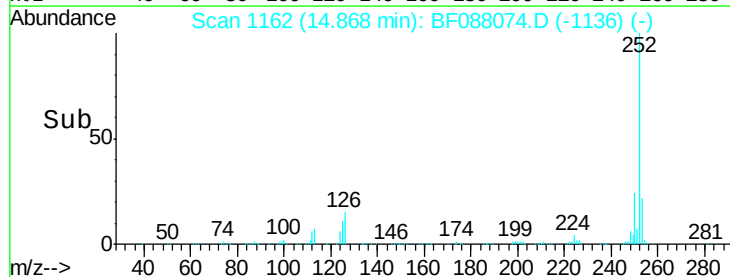
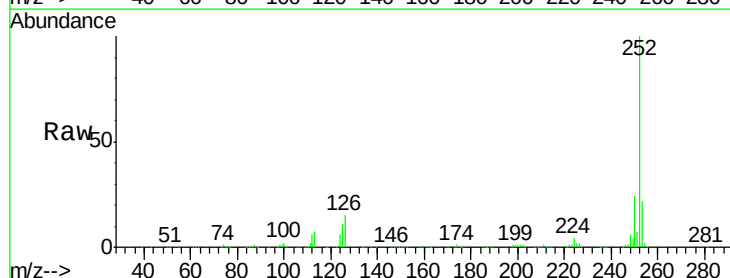
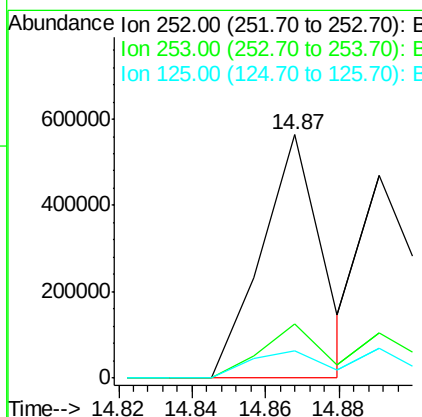
Manual Integrations
APPROVED

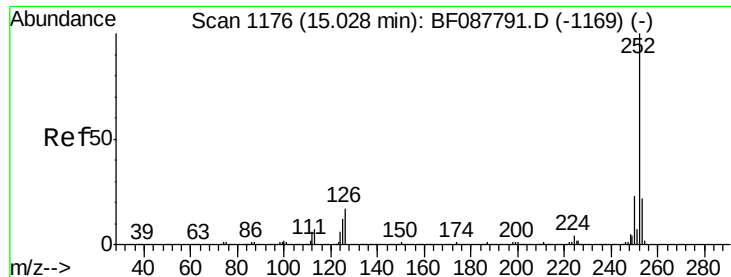
sohil
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#87
Benzo(b)fluoranthene
Concen: 327.74 ng m
RT: 14.87 min Scan# 1162
Delta R.T. 0.00 min
Lab File: BF088074.D
Acq: 16 Jun 2016 14:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.2
125	11.4	7.1	10.7#





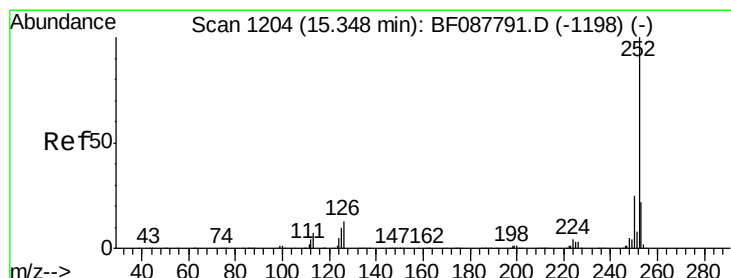
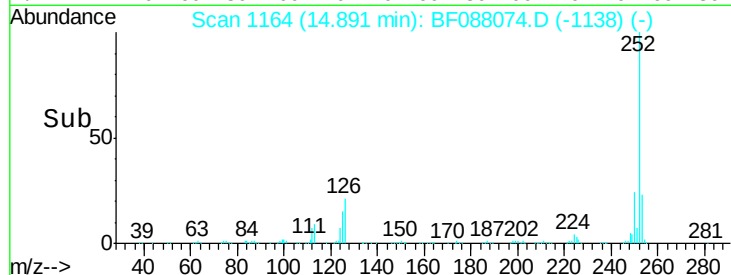
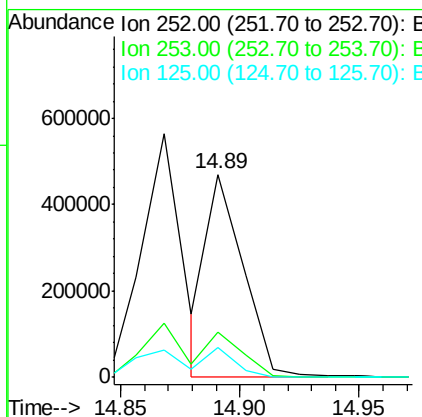
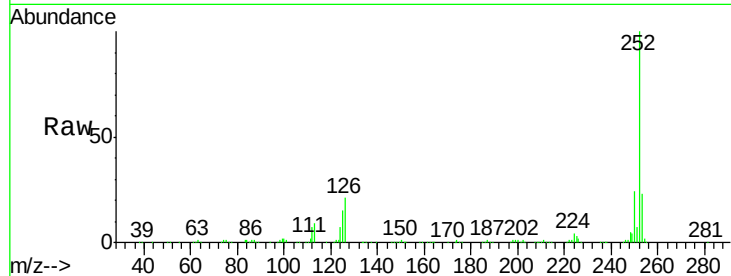
#88
Benzo(k)fluoranthene
Concen: 338.45 ng m
RT: 14.89 min Scan# 1164
Delta R.T. 0.00 min
Lab File: BF088074.D
Acq: 16 Jun 2016 14:27

Instrument :
BNA_F
ClientSampleId :
HSR-WC-52-060916MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.0	27.0
125	14.7	11.2	16.8

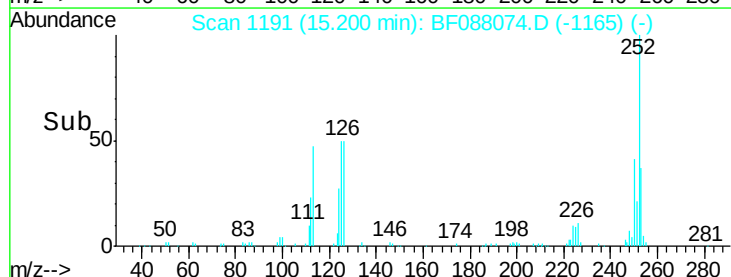
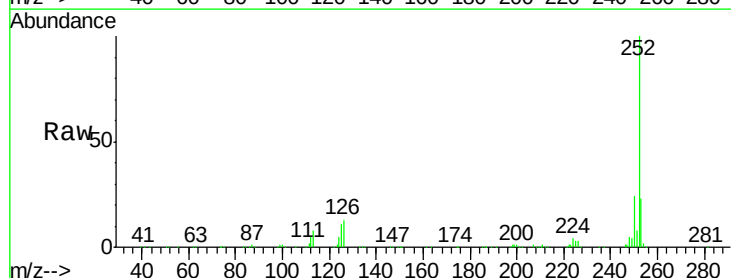
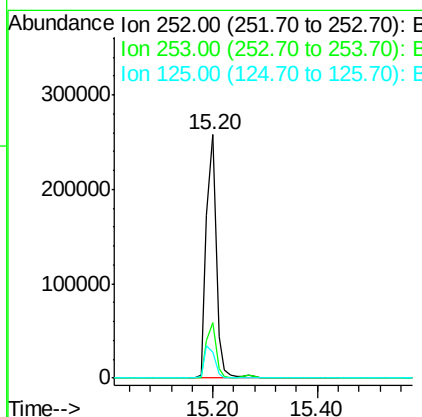
Manual Integrations
APPROVED

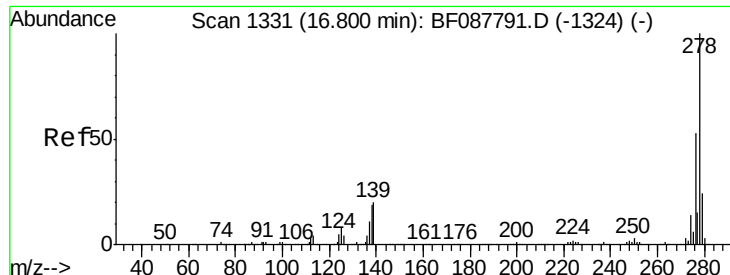
sohil
6/17/2016 7:15:33 PM



#89
Benzo(a)pyrene
Concen: 216.49 ng
RT: 15.20 min Scan# 1191
Delta R.T. -0.00 min
Lab File: BF088074.D
Acq: 16 Jun 2016 14:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.9	26.9
125	10.6	12.5	18.7





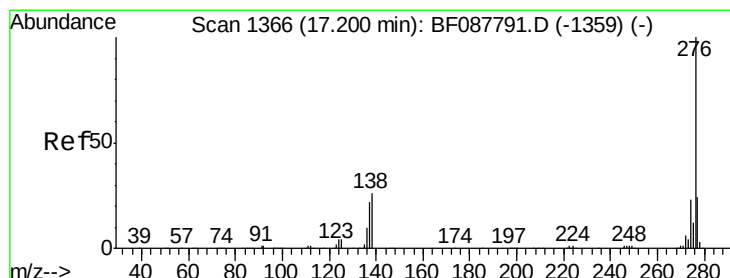
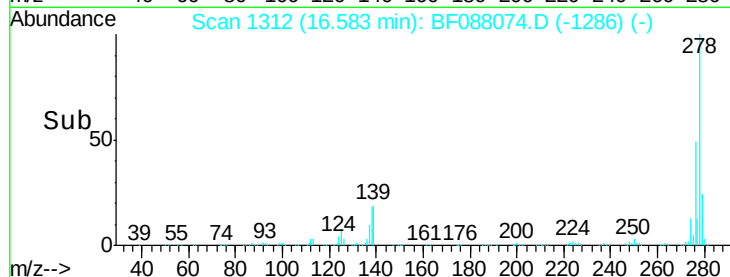
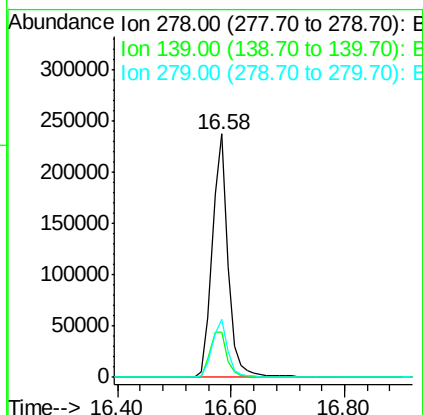
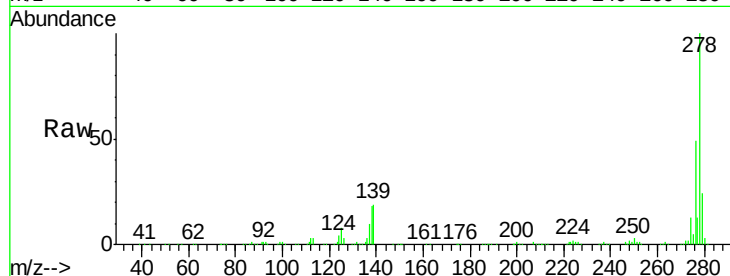
#90
Dibenzo(a,h)anthracene
Concen: 303.03 ng
RT: 16.58 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BF088074.D
Acq: 16 Jun 2016 14:27

Instrument :
BNA_F
ClientSampleId :
HSR-WC-52-060916MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.5	15.7	23.5
279	23.7	19.4	29.2

Manual Integrations
APPROVED

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6/17/2016 7:15:33 PM



#91
Benzo(g,h,i)perylene
Concen: 189.33 ng
RT: 16.96 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF088074.D
Acq: 16 Jun 2016 14:27

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.7	18.9	28.3
138	27.9	21.4	32.2

