

Data Path : Z:\HPCHEM1\BNA F\DATA\BF053116\
 Data File : BF087587.D
 Acq On : 31 May 2016 18:29
 Operator : UM/SJ
 Sample : H3332-01MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-48-052616MS

Manual Integrations
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 6/1/2016 6:34:13 PM

Quant Time: Jun 01 11:30:18 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 01 03:17:16 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	104142	20.00	ng	0.00
21) Naphthalene-d8	9.47	136	421831	20.00	ng	0.00
38) Acenaphthene-d10	12.30	164	201762	20.00	ng	-0.01
63) Phenanthrene-d10	14.71	188	387948	20.00	ng	0.00
75) Chrysene-d12	18.42	240	329382	20.00	ng	0.00
86) Perylene-d12	20.13	264	257362	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.38	112	923626	155.84	ng	0.03
7) Phenol-d6	7.02	99	1203976	150.34	ng	0.00
23) Nitrobenzene-d5	8.36	82	864885	103.33	ng	-0.01
41) 2,4,6-Tribromophenol	13.61	330	316624	163.30	ng	0.00
44) 2-Fluorobiphenyl	11.26	172	1434410	100.23	ng	0.00
78) Terphenyl-d14	17.06	244	1390078	89.72	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.94	88	122498	39.17	ng	# 70
3) Pyridine	2.54	79	276653m	40.47	ng	
4) n-Nitrosodimethylamine	2.44	42	262673	49.86	ng	# 42
6) Aniline	6.99	93	120130	11.60	ng	92
8) 2-Chlorophenol	7.14	128	376802	50.98	ng	92
9) Benzaldehyde	6.87	77	29173	6.60	ng	# 88
10) Phenol	7.04	94	449838	51.44	ng	73
11) bis(2-Chloroethyl)ether	7.10	93	380945	53.82	ng	89
12) 1,3-Dichlorobenzene	7.34	146	384023	47.64	ng	# 90
13) 1,4-Dichlorobenzene	7.47	146	400825	48.43	ng	96
14) 1,2-Dichlorobenzene	7.70	146	380820	49.75	ng	98
15) Benzyl Alcohol	7.76	79	362552	62.09	ng	# 87
16) 2,2'-oxybis(1-Chloropropan	7.94	45	720960	45.27	ng	88
17) 2-Methylphenol	7.99	107	315814	53.32	ng	# 89
18) Hexachloroethane	8.20	117	153731	49.79	ng	96
19) n-Nitroso-di-n-propylamine	8.17	70	314091	52.59	ng	# 70
20) 3+4-Methylphenols	8.26	107	411026	57.40	ng	# 62
22) Acetophenone	8.14	105	554146	54.99	ng	# 96
24) Nitrobenzene	8.40	77	453731	51.36	ng	97
25) Isophorone	8.79	82	775509	51.66	ng	98
26) 2-Nitrophenol	8.90	139	196314	54.36	ng	# 64
27) 2,4-Dimethylphenol	9.05	122	332305	53.01	ng	# 85
28) bis(2-Chloroethoxy)methane	9.16	93	467600	55.30	ng	98
29) 2,4-Dichlorophenol	9.34	162	316342	55.99	ng	98
30) 1,2,4-Trichlorobenzene	9.40	180	329591	50.96	ng	99
31) Naphthalene	9.51	128	1302475	61.62	ng	99
32) Benzoic acid	9.44	122	187239	56.78	ng	# 77
33) 4-Chloroaniline	9.74	127	66028	8.48	ng	# 92
34) Hexachlorobutadiene	9.71	225	197287	50.18	ng	98
35) Caprolactam	10.32	113	85243m	51.69	ng	
36) 4-Chloro-3-methylphenol	10.55	107	352648	55.21	ng	90
37) 2-Methylnaphthalene	10.63	142	747952	56.64	ng	# 95
39) 1,2,4,5-Tetrachlorobenzene	10.91	216	318636	49.34	ng	98
40) Hexachlorocyclopentadiene	10.87	237	178508	68.68	ng	95

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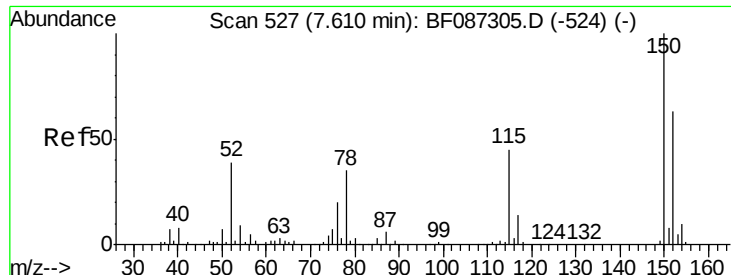
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.15	196	202452	54.31	nq	93
43) 2,4,5-Trichlorophenol	11.24	196	185138	48.77	nq #	83
45) 1,1'-Biphenyl	11.40	154	918282	54.06	nq	98
46) 2-Chloronaphthalene	11.42	162	666146	51.26	nq	93
47) 2-Nitroaniline	11.66	65	270337	57.73	nq	84
48) Acenaphthylene	12.08	152	1061203	51.58	nq	99
49) Dimethylphthalate	11.97	163	826769	51.15	nq	100
50) 2,6-Dinitrotoluene	12.07	165	176362	54.15	nq #	69
51) Acenaphthene	12.35	154	672434	53.17	nq	98
52) 3-Nitroaniline	12.37	138	65088	19.47	nq	86
53) 2,4-Dinitrophenol	12.55	184	178934	105.12	nq #	74
54) Dibenzofuran	12.65	168	996379	58.19	nq	97
55) 4-Nitrophenol	12.77	139	148611	93.21	nq #	57
56) 2,4-Dinitrotoluene	12.73	165	257530	59.17	nq #	89
57) Fluorene	13.20	166	793205	53.42	nq	100
58) 2,3,4,6-Tetrachlorophenol	12.89	232	177957	60.94	nq	98
59) Diethylphthalate	13.11	149	839495	53.42	nq	99
60) 4-Chlorophenyl-phenylether	13.22	204	365468	50.48	nq	94
61) 4-Nitroaniline	13.36	138	168595	54.04	nq #	68
62) Azobenzene	13.49	77	1032304	63.32	nq	86
64) 4,6-Dinitro-2-methylphenol	13.41	198	118317	47.96	nq #	72
65) n-Nitrosodiphenylamine	13.44	169	665657	53.06	nq	99
66) 4-Bromophenyl-phenylether	14.01	248	219404	51.70	nq #	88
67) Hexachlorobenzene	14.08	284	229563	51.72	nq #	71
68) Atrazine	14.37	200	213204	53.31	nq	94
69) Pentachlorophenol	14.46	266	137018	97.83	nq	95
70) Phenanthrene	14.74	178	1164648	54.20	nq	100
71) Anthracene	14.83	178	1194638	55.03	nq	99
72) Carbazole	15.13	167	1051419	56.79	nq	99
73) Di-n-butylphthalate	15.69	149	1290533	53.90	nq #	98
74) Fluoranthene	16.51	202	1234604	57.29	nq	96
76) Benzidine	16.78	184	116929	13.80	nq	96
77) Pyrene	16.82	202	1223680	51.61	nq	100
79) Butylbenzylphthalate	17.73	149	540372	51.39	nq #	77
80) Benzo(a)anthracene	18.41	228	1018539	54.36	nq	99
81) 3,3'-Dichlorobenzidine	18.40	252	96758	9.35	nq #	97
82) Chrysene	18.46	228	986126	53.03	nq	99
83) Bis(2-ethylhexyl)phthalate	18.47	149	737613	48.08	nq	98
84) Di-n-octyl phthalate	19.23	149	1211257	51.77	nq #	86
85) Indeno(1,2,3-cd)pyrene	21.31	276	723653	48.55	nq	94
87) Benzo(b)fluoranthene	19.69	252	784710m	47.87	nq	
88) Benzo(k)fluoranthene	19.71	252	959821m	68.02	nq	
89) Benzo(a)pyrene	20.05	252	762939	53.81	nq	98
90) Dibenzo(a,h)anthracene	21.30	278	621426	51.39	nq	95
91) Benzo(g,h,i)perylene	21.69	276	558327	46.79	nq #	90

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



#1

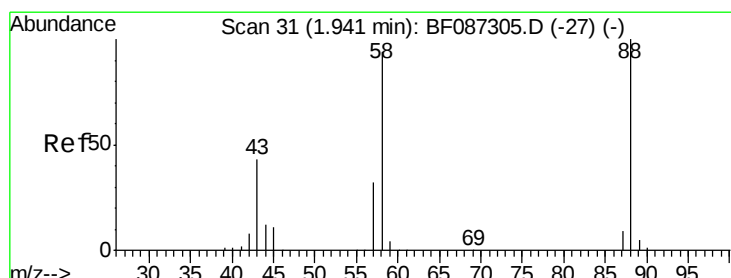
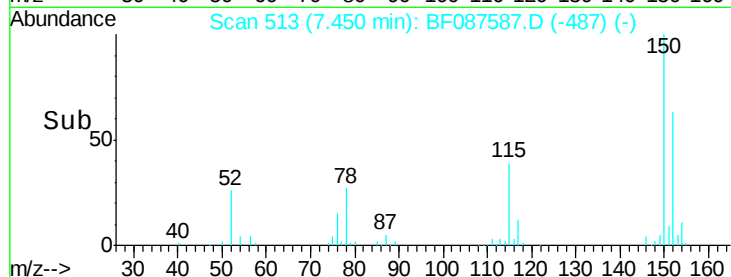
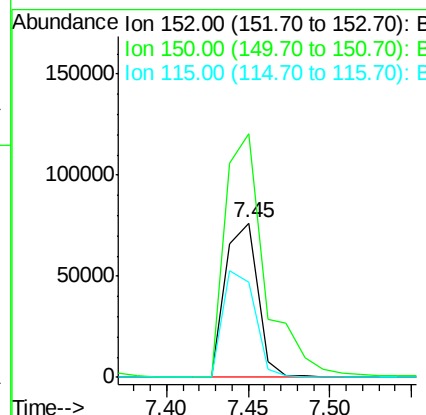
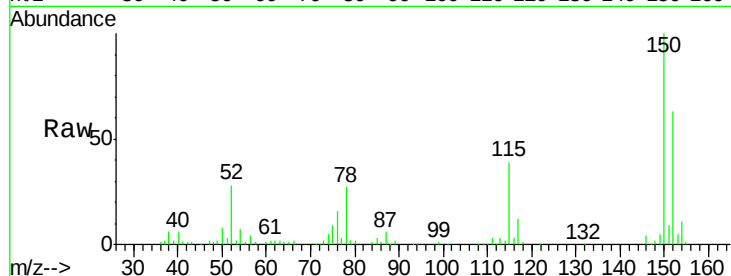
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.45 min Scan# 513
Delta R.T. 0.00 min
Lab File: BF087587.D
Acq: 31 May 2016 18:29

Instrument :
BNA_F
ClientSampleId :
HSR-WC-48-052616MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	125.8	188.6
115	61.6	51.5	77.3

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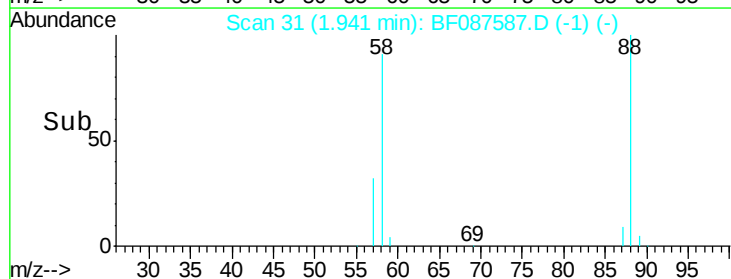
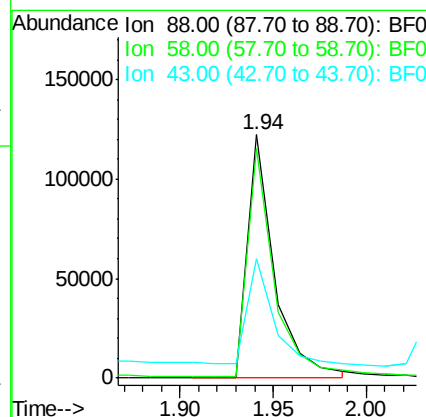
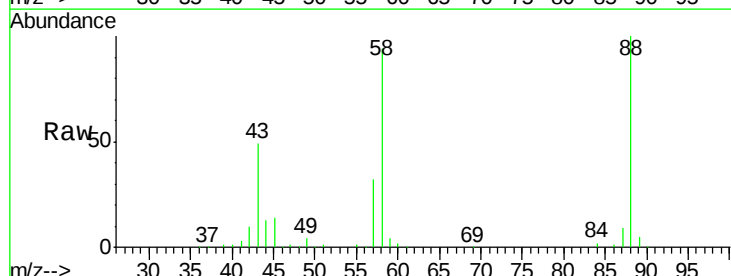
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#2

1,4-Dioxane
Concen: 39.17 ng
RT: 1.94 min Scan# 31
Delta R.T. 0.21 min
Lab File: BF087587.D
Acq: 31 May 2016 18:29

Tgt Ion	Ratio	Lower	Upper
88	100		
58	92.5	59.6	89.4#
43	0.0	21.8	32.6#





#3

Pvridine

Concen: 40.47 ng/ml

RT: 2.54 min Scan# 83

Delta R.T. 0.22 min

Lab File: BF087587.D

Acq: 31 May 2016 18:29

Instrument :

BNA_F

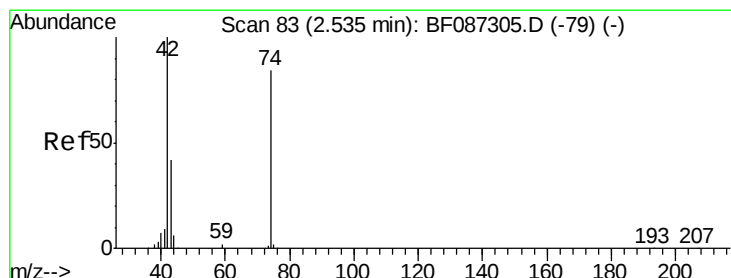
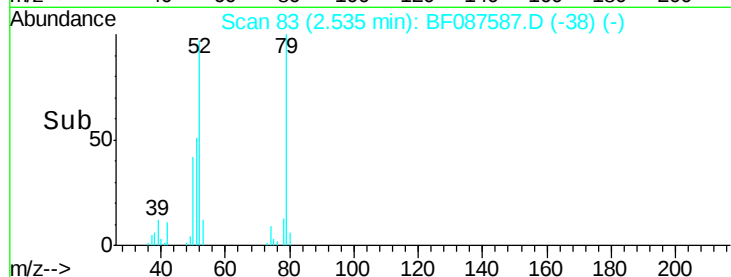
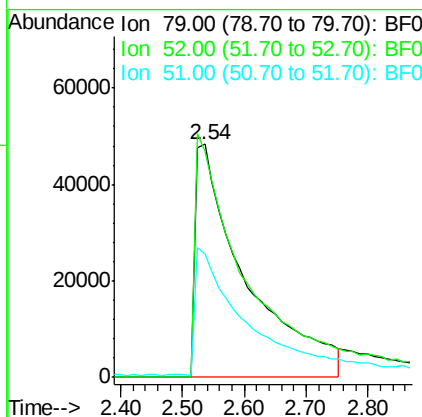
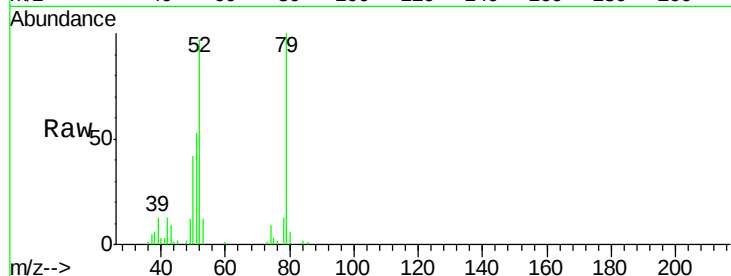
ClientSampleId :

HSR-WC-48-052616MS

Tot Ion:	79	Resp:	276653
Ion Ratio	Lower	Upper	
79	100		
52	97.2	55.9	83.9#
51	53.0	28.1	42.1#

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#4

n-Nitrosodimethylamine

Concen: 49.86 ng/ml

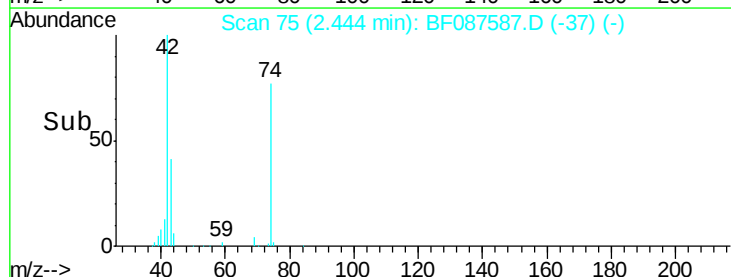
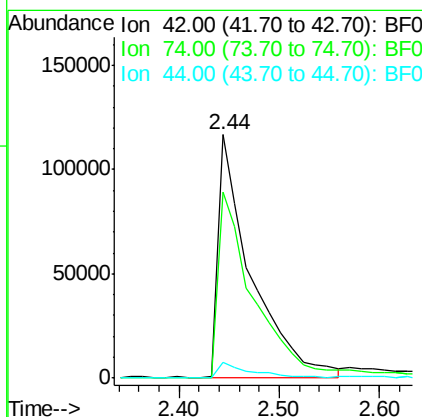
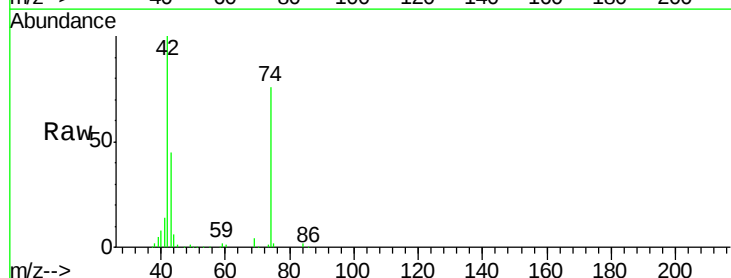
RT: 2.44 min Scan# 75

Delta R.T. 0.14 min

Lab File: BF087587.D

Acq: 31 May 2016 18:29

Tgt Ion:	42	Resp:	262673
Ion Ratio	Lower	Upper	
42	100		
74	76.2	123.4	185.0#
44	6.5	5.8	8.6





#5

2-Fluorophenol

Concen: 155.84 ng

RT: 5.38 min Scan# 332

Delta R.T. 0.03 min

Lab File: BF087587.D

Acq: 31 May 2016 18:29

Instrument :

BNA_F

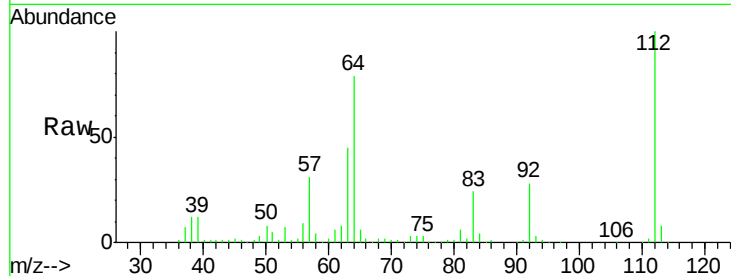
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HSR-WC-48-052616MS

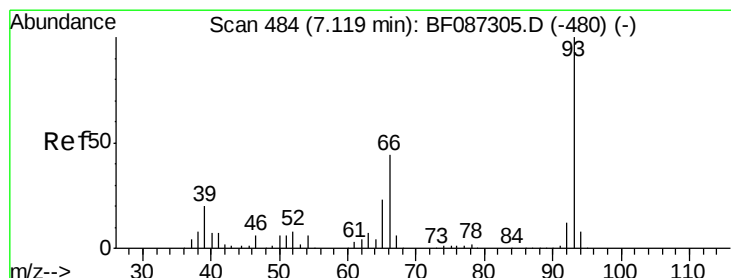
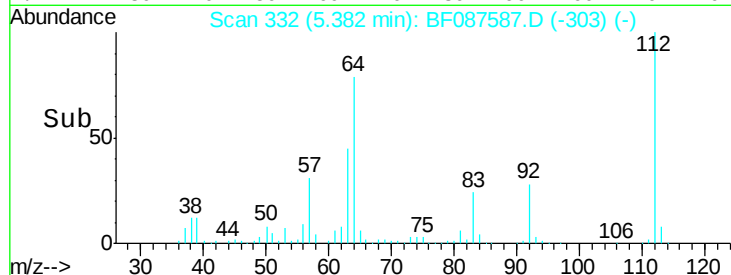
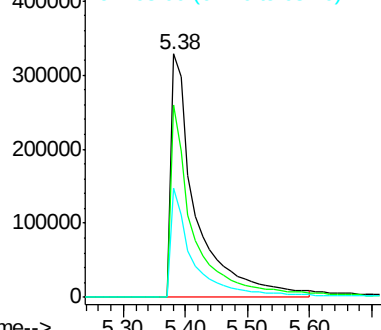
Tot Ion:	112	Resp:	923626
Ion Ratio	Lower	Upper	
112	100		
64	78.9	52.1	78.1#
63	45.0	25.7	38.5#

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Abundance Ion 112.00 (111.70 to 112.70): E



#6

Aniline

Concen: 11.60 ng

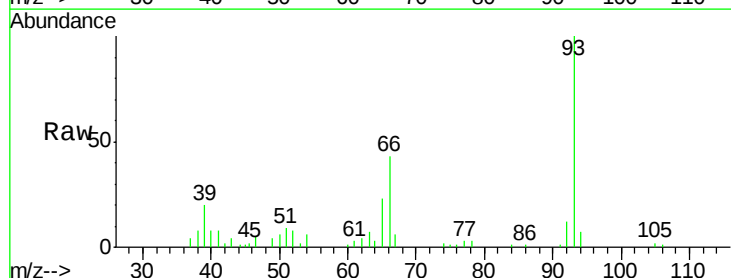
RT: 6.99 min Scan# 473

Delta R.T. 0.03 min

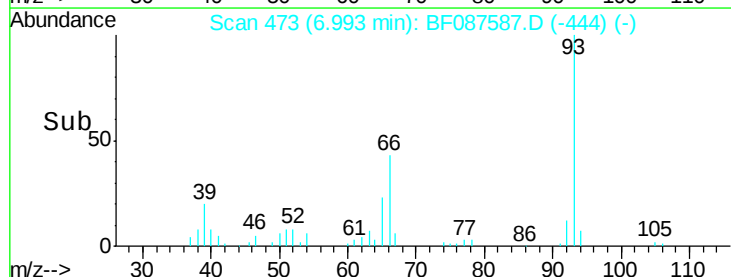
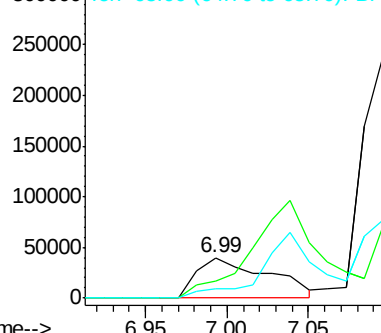
Lab File: BF087587.D

Acq: 31 May 2016 18:29

Tgt Ion:	93	Resp:	120130
Ion Ratio	Lower	Upper	
93	100		
66	43.1	39.0	58.6
65	22.5	20.6	31.0



Abundance Ion 93.00 (92.70 to 93.70): BF0





#7

Phenol-d6

Concen: 150.34 ng

RT: 7.02 min Scan# 475

Delta R.T. 0.00 min

Lab File: BF087587.D

Acq: 31 May 2016 18:29

Instrument :

BNA_F

ClientSampleId :

HSR-WC-48-052616MS

Tot Ion: 99 Resp: 1203976

Ion Ratio Lower Upper

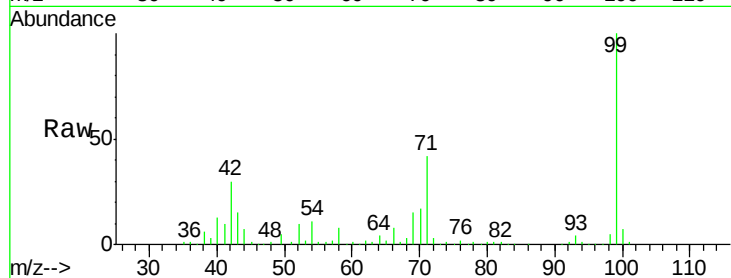
99 100

42 30.4 13.6 20.4#

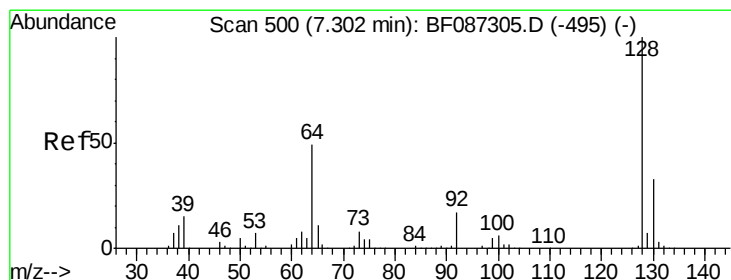
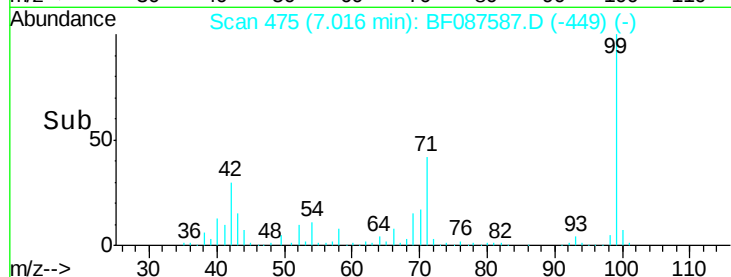
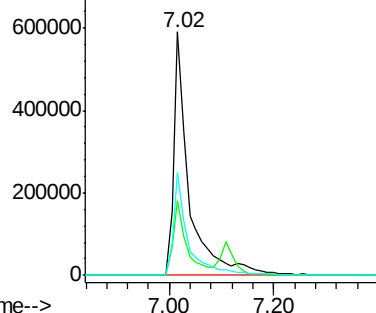
71 42.0 24.6 36.8#

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



#8

2-Chlorophenol

Concen: 50.98 ng

RT: 7.14 min Scan# 486

Delta R.T. 0.01 min

Lab File: BF087587.D

Acq: 31 May 2016 18:29

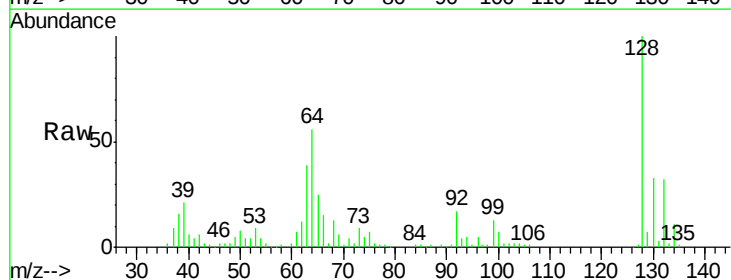
Tgt Ion: 128 Resp: 376802

Ion Ratio Lower Upper

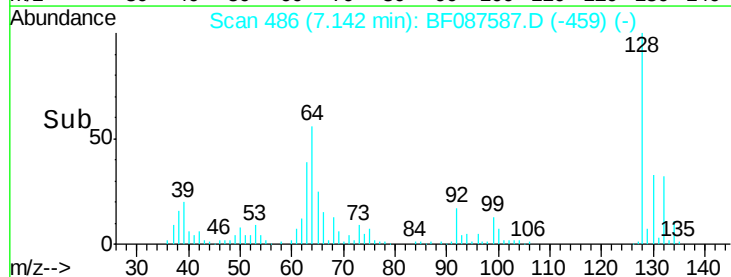
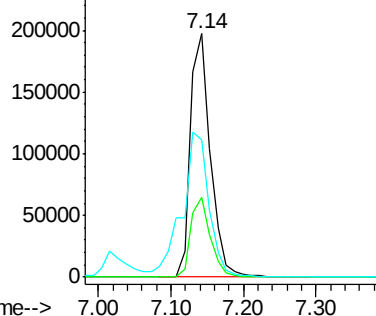
128 100

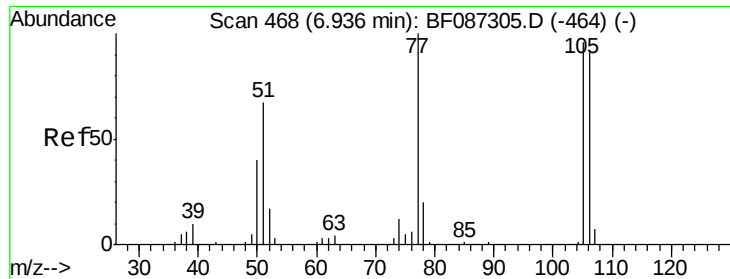
130 32.8 12.5 52.5

64 56.3 27.3 67.3



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





#9

Benzaldehyde

Concen: 6.60 ng

RT: 6.87 min Scan# 462

Delta R.T. 0.09 min

Lab File: BF087587.D

Acq: 31 May 2016 18:29

Instrument :

BNA_F

ClientSampleId :

HSR-WC-48-052616MS

Tot Ion: 77 Resp: 29173

Ion Ratio Lower Upper

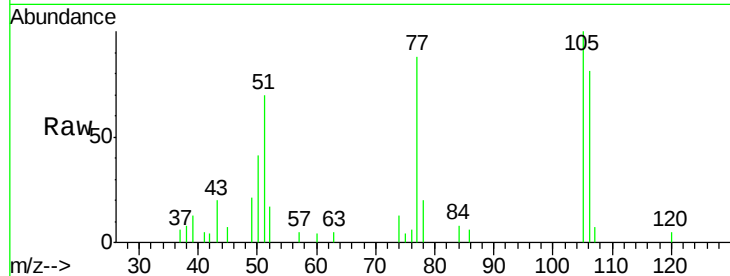
77 100

105 113.8 72.7 112.7#

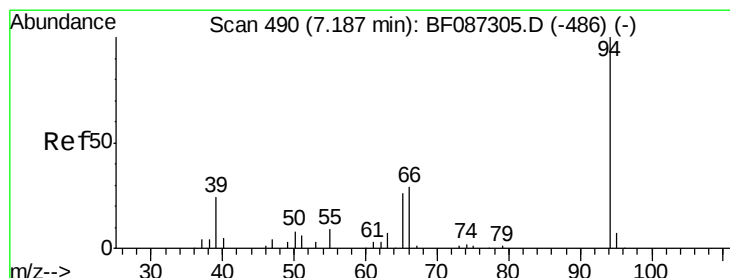
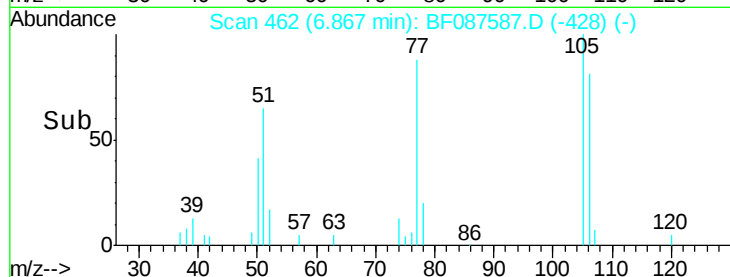
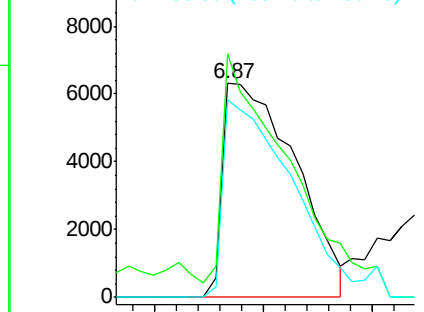
106 92.4 70.8 110.8

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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: 51.44 ng

RT: 7.04 min Scan# 477

Delta R.T. 0.00 min

Lab File: BF087587.D

Acq: 31 May 2016 18:29

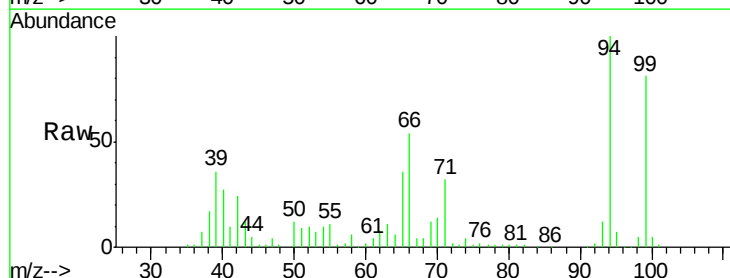
Tgt Ion: 94 Resp: 449838

Ion Ratio Lower Upper

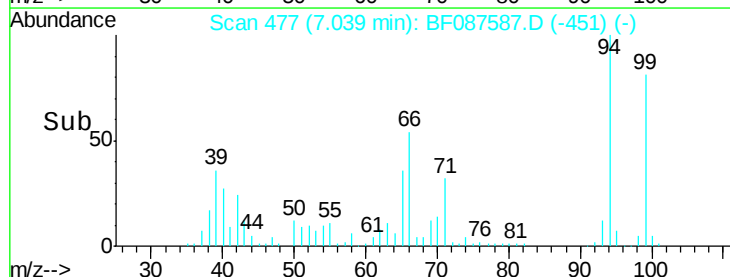
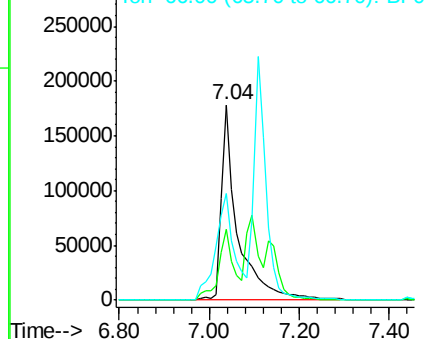
94 100

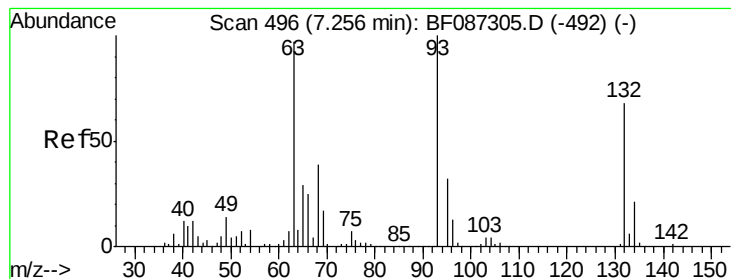
65 36.4 7.2 47.2

66 54.4 14.9 54.9



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





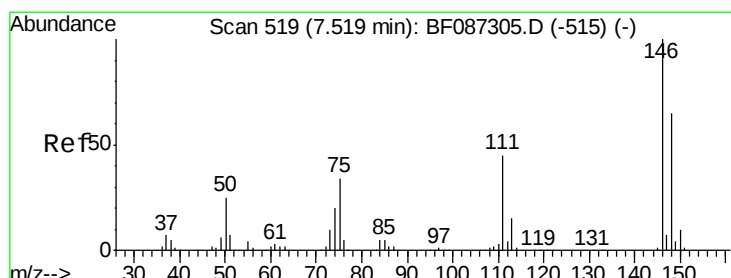
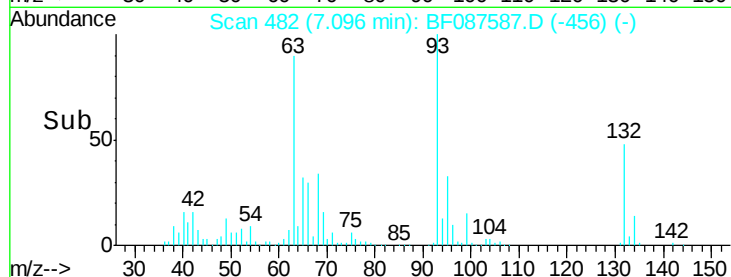
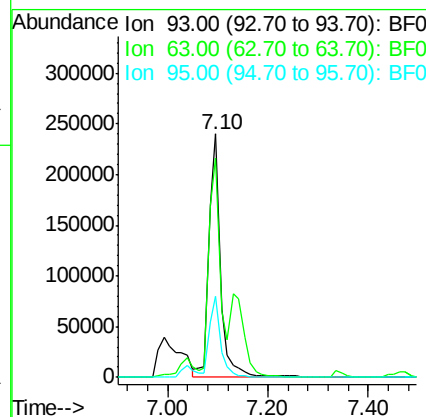
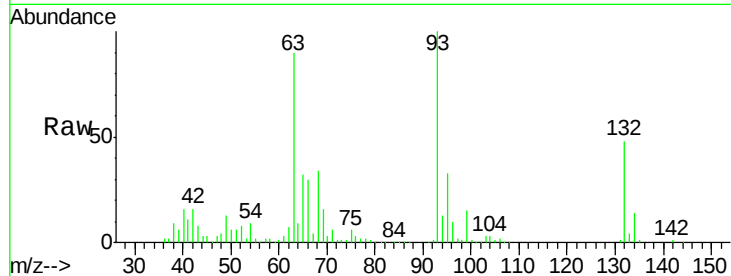
#11
bis(2-Chloroethyl)ether
Concen: 53.82 ng
RT: 7.10 min Scan# 482
Delta R.T. 0.00 min
Lab File: BF087587.D
Acq: 31 May 2016 18:29

Instrument :
BNA_F
ClientSampleId :
HSR-WC-48-052616MS

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	90.2	58.0	98.0	
95	33.3	11.9	51.9	

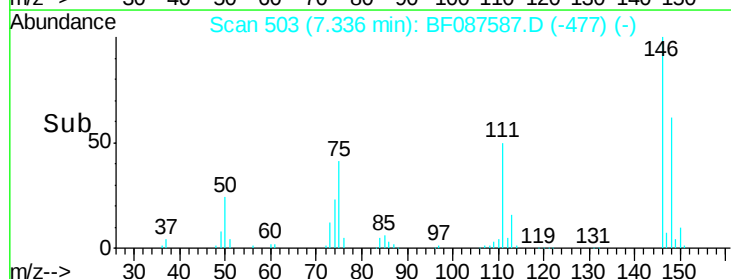
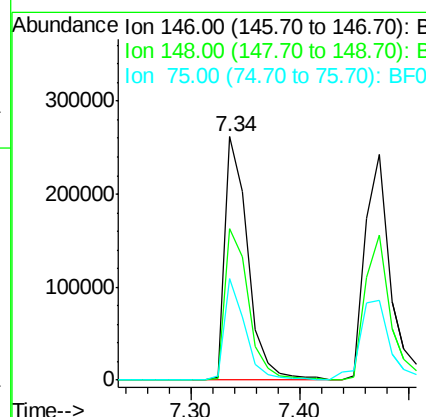
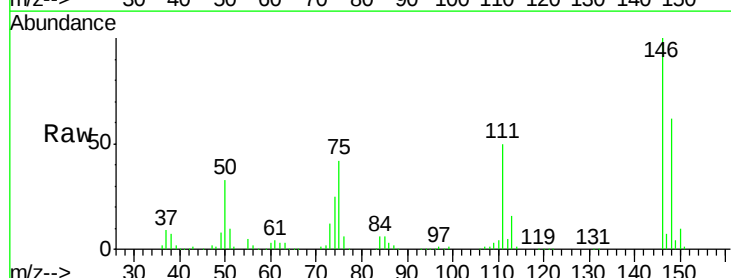
Manual Integrations
APPROVED

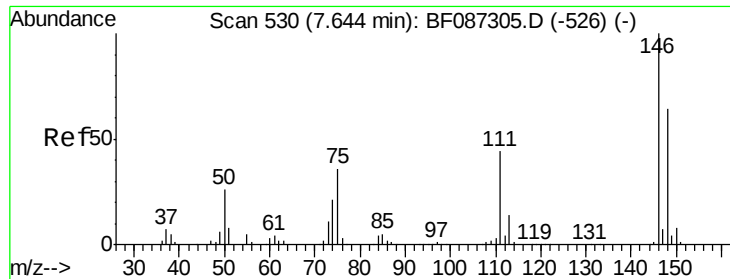
sohil
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#12
1,3-Dichlorobenzene
Concen: 47.64 ng
RT: 7.34 min Scan# 503
Delta R.T. 0.00 min
Lab File: BF087587.D
Acq: 31 May 2016 18:29

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	62.5	52.4	78.6	
75	41.5	22.8	34.2	





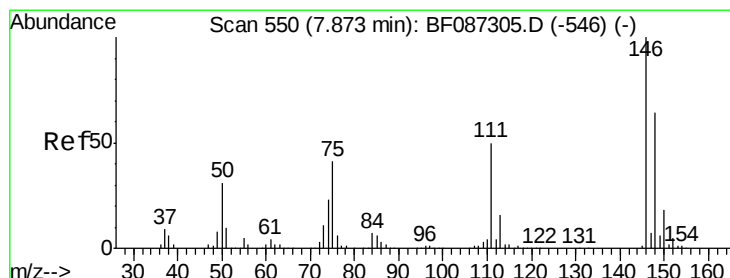
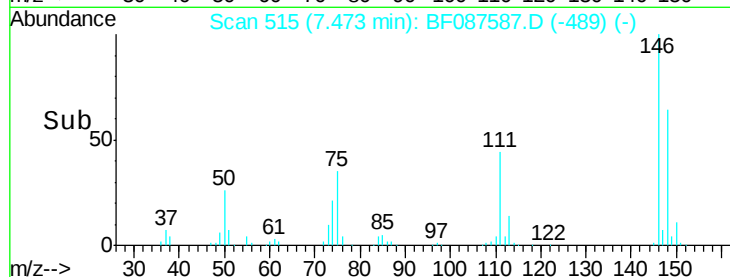
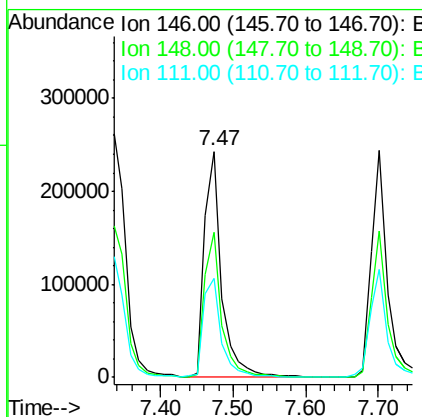
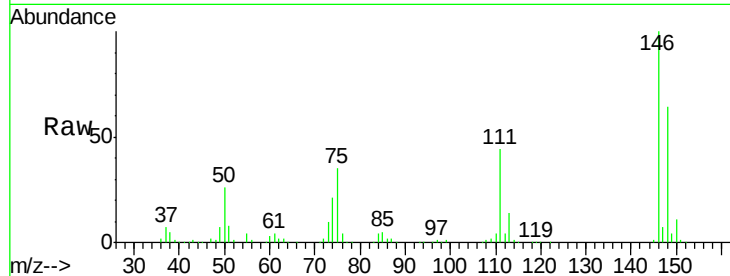
#13
 1,4-Dichlorobenzene
 Concen: 48.43 ng
 RT: 7.47 min Scan# 515
 Delta R.T. 0.00 min
 Lab File: BF087587.D
 Acq: 31 May 2016 18:29

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-48-052616MS

Tot Ion	Ratio	Resp	Lower	Upper
146	100	400825		
148	64.1	52.2	78.4	
111	44.0	30.7	46.1	

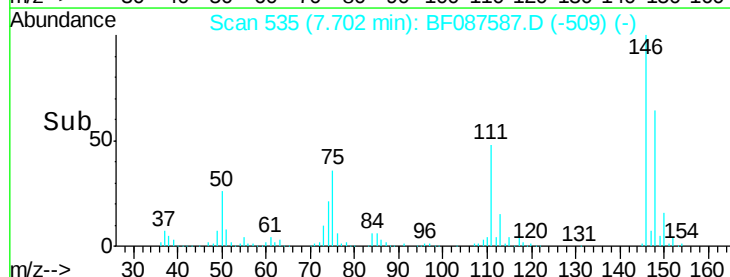
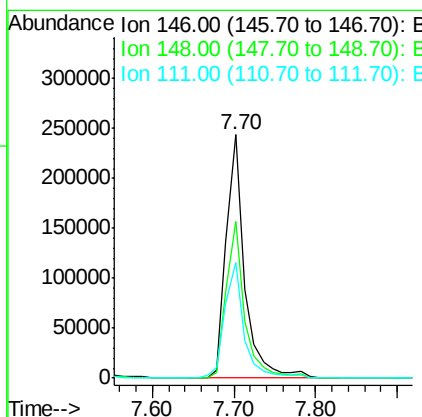
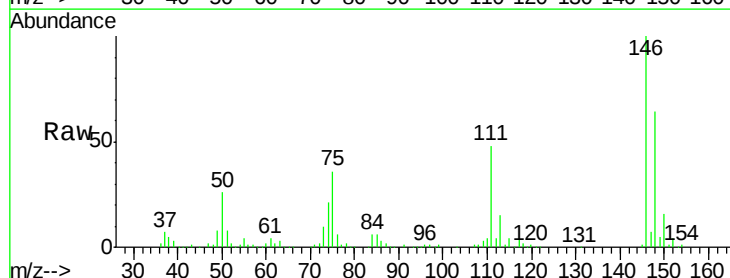
Manual Integrations
 APPROVED

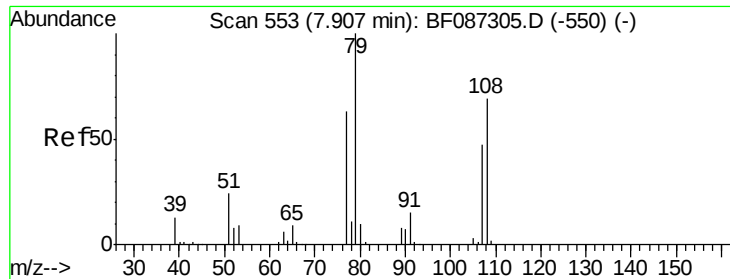
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#14
 1,2-Dichlorobenzene
 Concen: 49.75 ng
 RT: 7.70 min Scan# 535
 Delta R.T. 0.00 min
 Lab File: BF087587.D
 Acq: 31 May 2016 18:29

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	380820		
148	64.2	51.0	76.6	
111	47.5	36.2	54.4	





#15

Benzyl Alcohol

Concen: 62.09 ng

RT: 7.76 min Scan# 540

Delta R.T. 0.00 min

Lab File: BF087587.D

Acq: 31 May 2016 18:29

Instrument :

BNA_F

ClientSampleId :

HSR-WC-48-052616MS

Tot Ion: 79 Resp: 362552

Ion Ratio Lower Upper

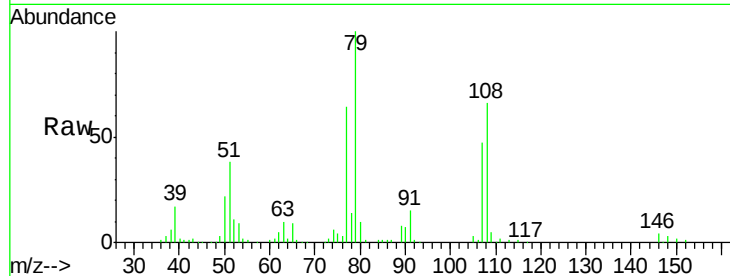
79 100

108 65.6 68.4 102.6#

77 64.3 50.6 76.0

Manual Integrations
APPROVED

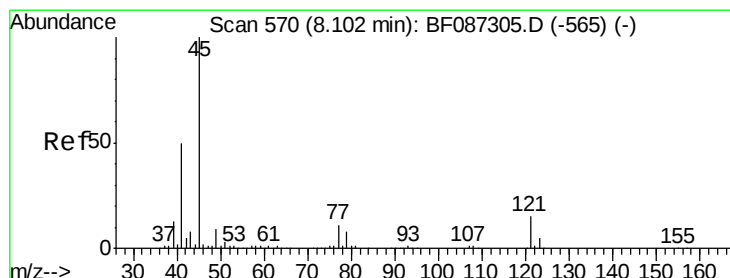
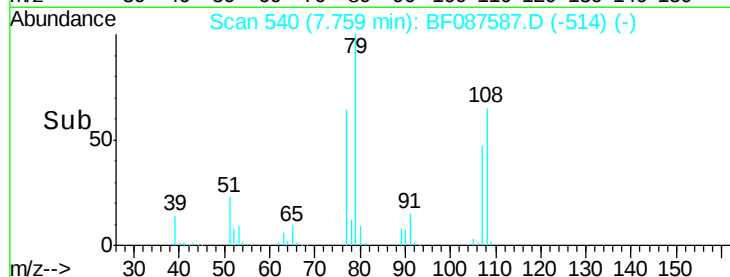
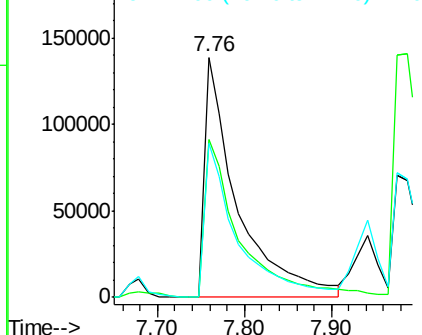
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Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.27 ng

RT: 7.94 min Scan# 556

Delta R.T. 0.01 min

Lab File: BF087587.D

Acq: 31 May 2016 18:29

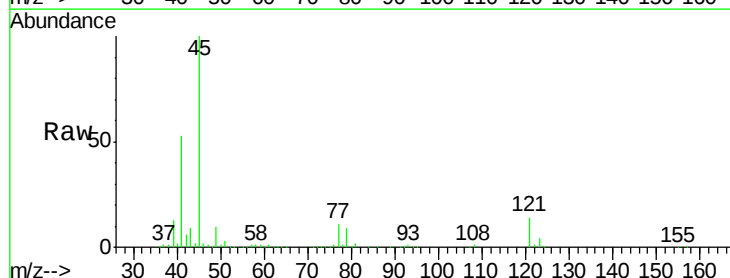
Tgt Ion: 45 Resp: 720960

Ion Ratio Lower Upper

45 100

77 10.9 0.0 36.4

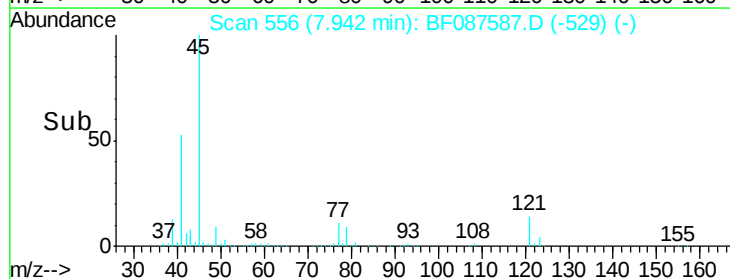
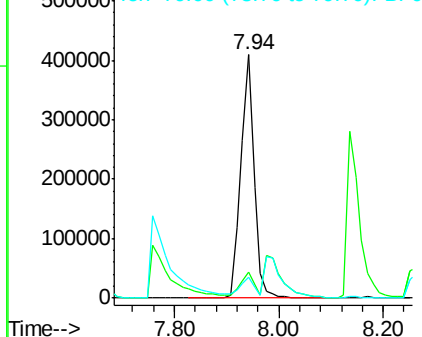
79 8.7 0.0 33.4

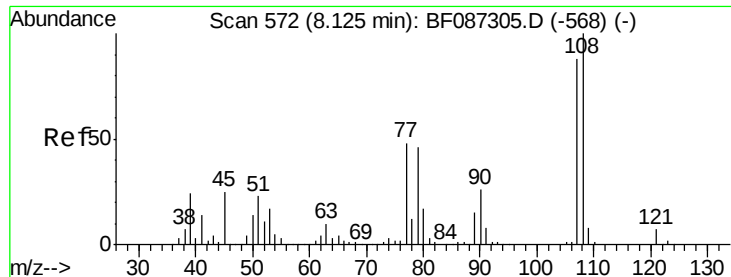


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





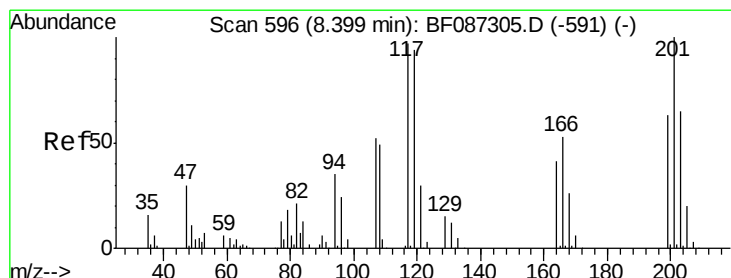
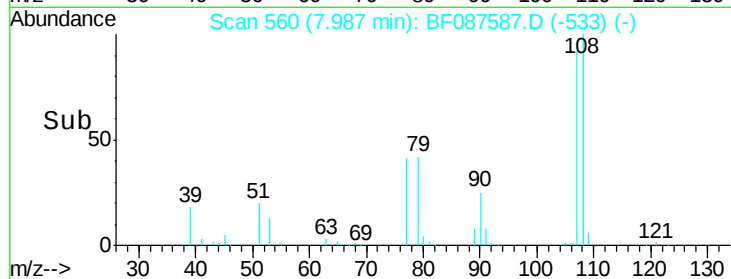
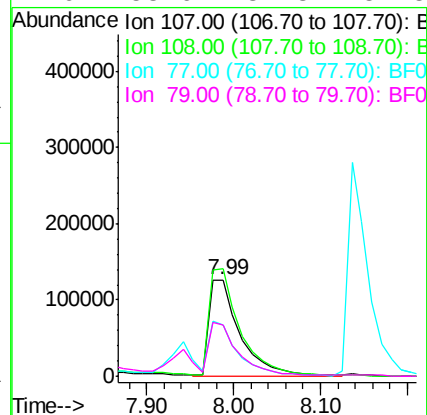
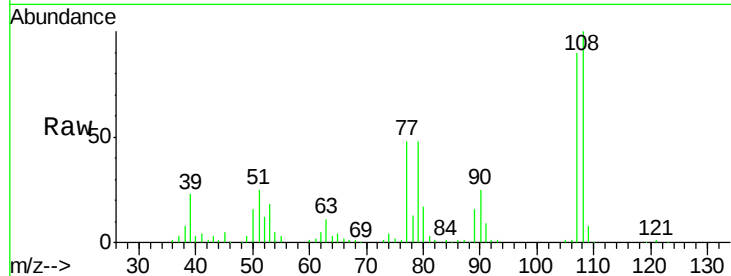
#17
2-Methylphenol
Concen: 53.32 ng
RT: 7.99 min Scan# 560
Delta R.T. 0.01 min
Lab File: BF087587.D
Acq: 31 May 2016 18:29

Instrument :
BNA_F
ClientSampleId :
HSR-WC-48-052616MS

Tot Ion:	107	Resp:	315814
Ion Ratio	Lower	Upper	
107	100		
108	111.3	93.7	140.5
77	53.8	33.4	50.0#
79	53.6	34.3	51.5#

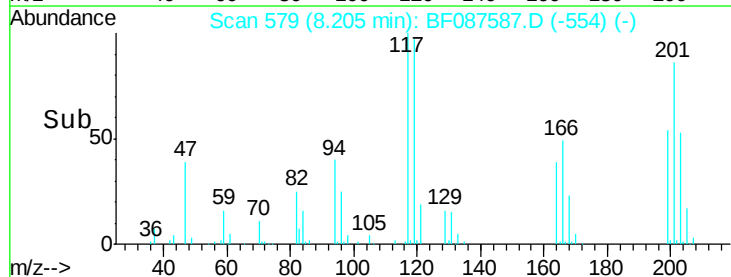
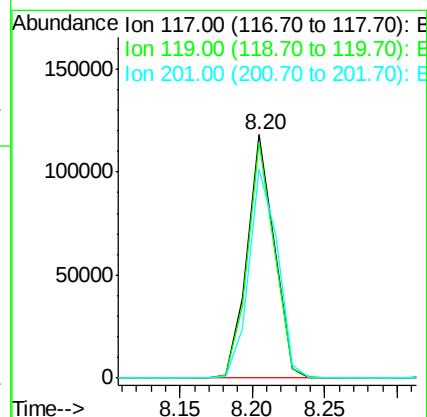
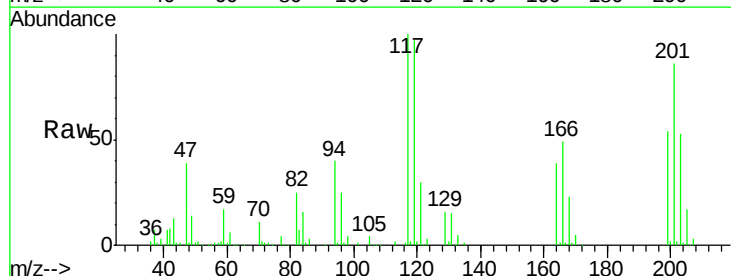
Manual Integrations
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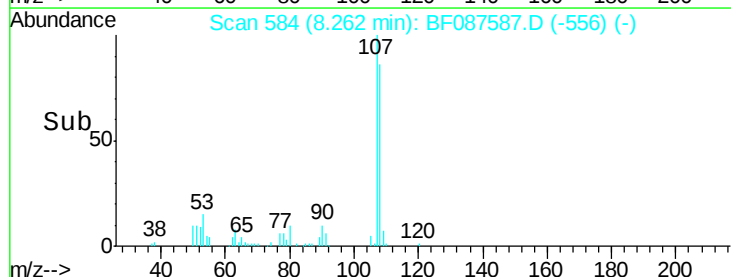
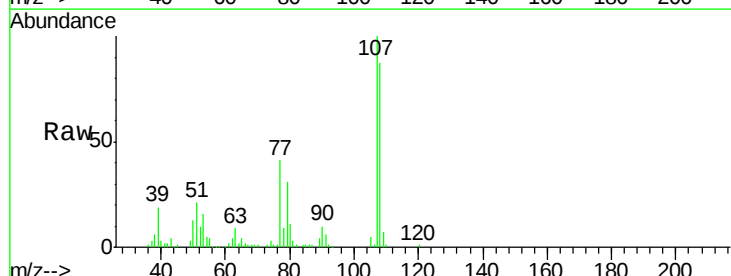
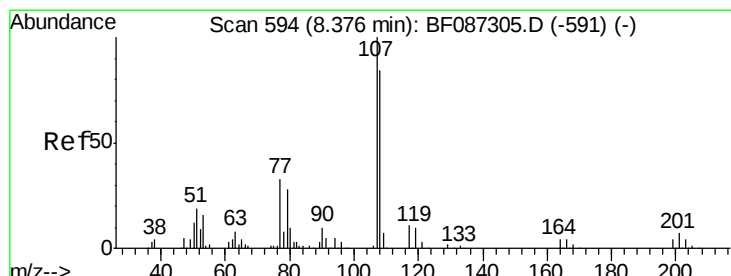
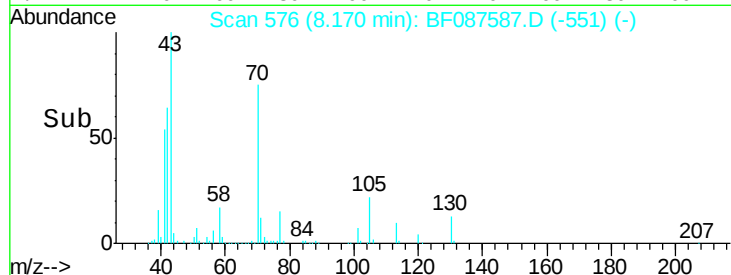
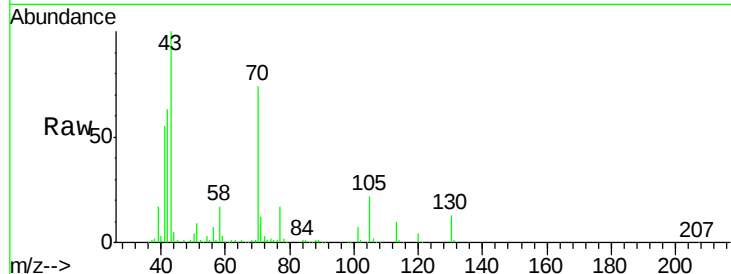
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#18
Hexachloroethane
Concen: 49.79 ng
RT: 8.20 min Scan# 579
Delta R.T. -0.01 min
Lab File: BF087587.D
Acq: 31 May 2016 18:29

Tgt Ion:	117	Resp:	153731
Ion Ratio	Lower	Upper	
117	100		
119	96.8	76.5	114.7
201	86.0	63.0	94.6





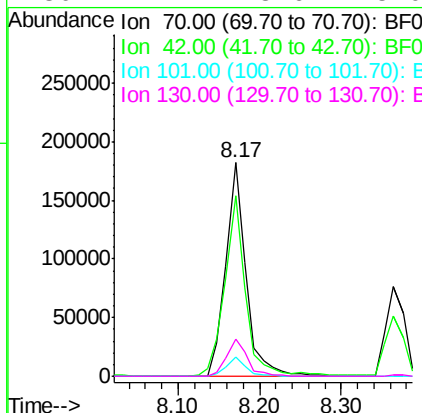
#19
n-Nitroso-di-n-propylamine
Concen: 52.59 ng
RT: 8.17 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF087587.D
Acq: 31 May 2016 18:29

Instrument :
BNA_F
ClientSampleId :
HSR-WC-48-052616MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		314091		
42	84.8	43.1	64.7#		
101	8.8	8.1	12.1		
130	17.4	18.6	28.0#		

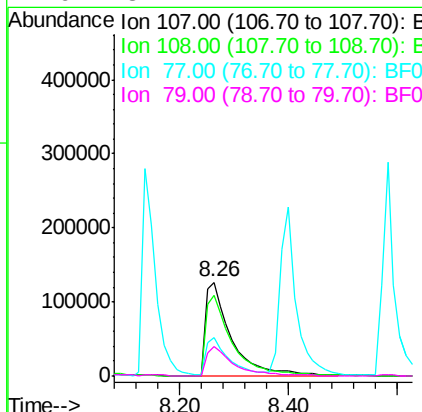
Manual Integrations
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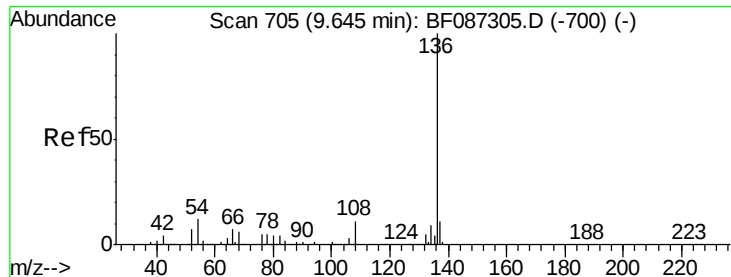
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#20
3+4-Methylphenols
Concen: 57.40 ng
RT: 8.26 min Scan# 584
Delta R.T. 0.02 min
Lab File: BF087587.D
Acq: 31 May 2016 18:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		411026		
108	86.5	68.5	108.5		
77	41.0	101.6	141.6#		
79	31.1	7.4	47.4		





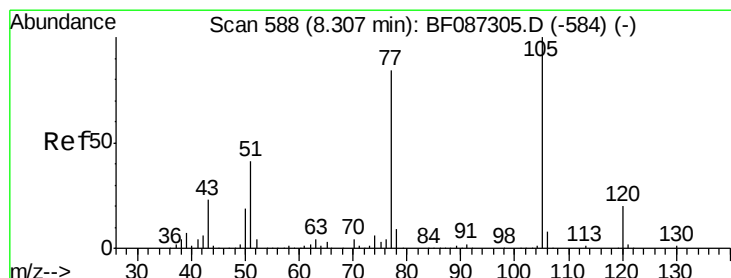
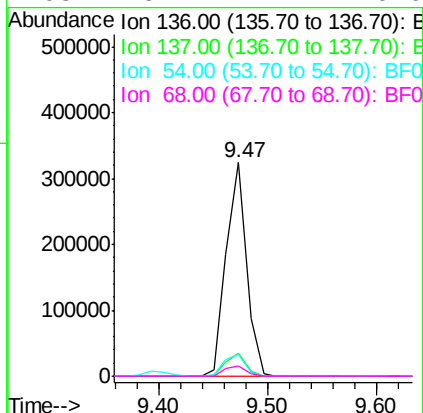
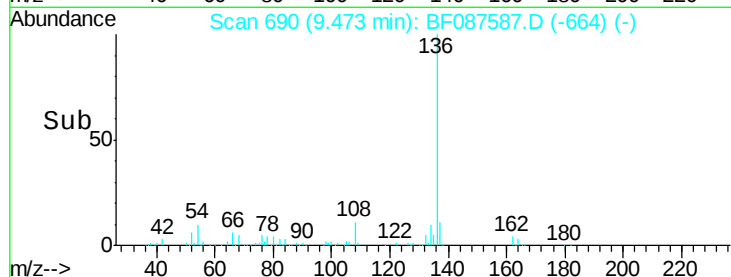
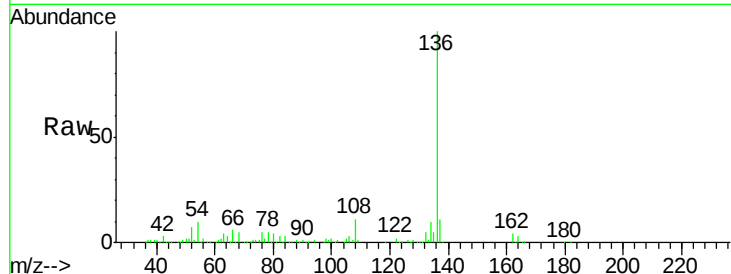
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.47 min Scan# 690
Delta R.T. 0.00 min
Lab File: BF087587.D
Acq: 31 May 2016 18:29

Instrument :
BNA_F
ClientSampleId :
HSR-WC-48-052616MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	421831		
137	11.1	8.8	13.2	
54	10.2	5.0	7.4	
68	5.1	4.4	6.6	

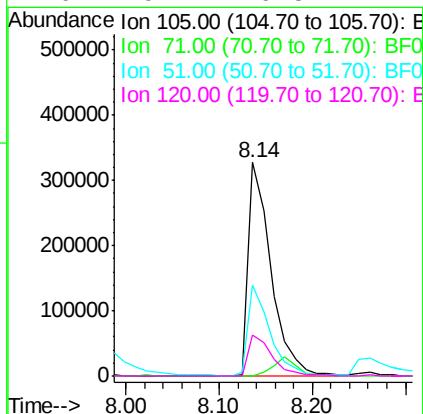
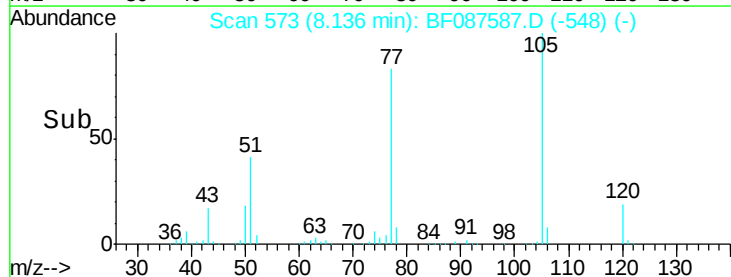
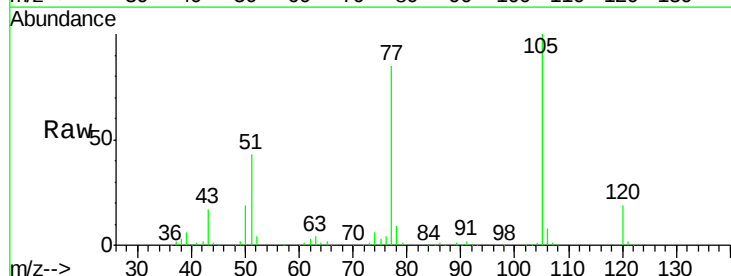
Manual Integrations
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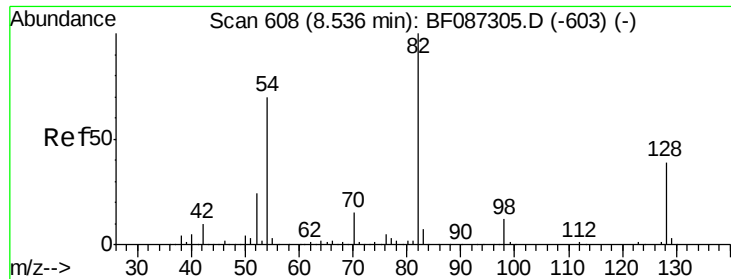
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#22
Acetophenone
Concen: 54.99 ng
RT: 8.14 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF087587.D
Acq: 31 May 2016 18:29

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	554146		
71	0.0	4.8	7.2	
51	42.8	32.6	49.0	
120	19.4	16.5	24.7	





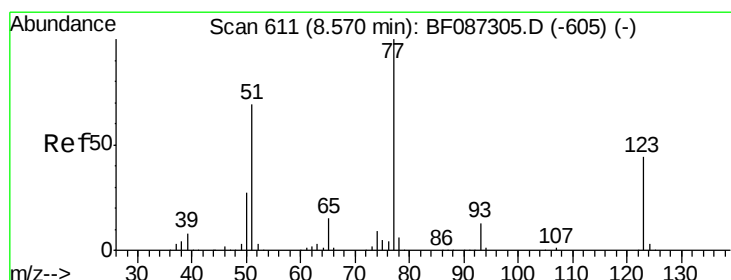
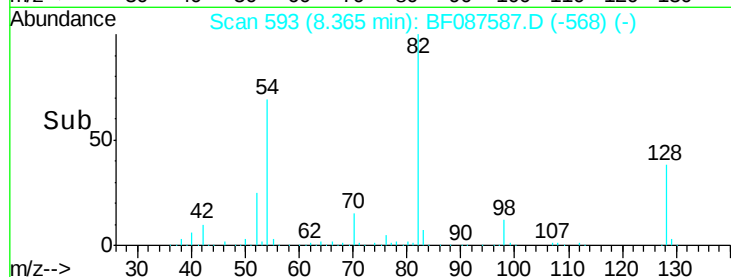
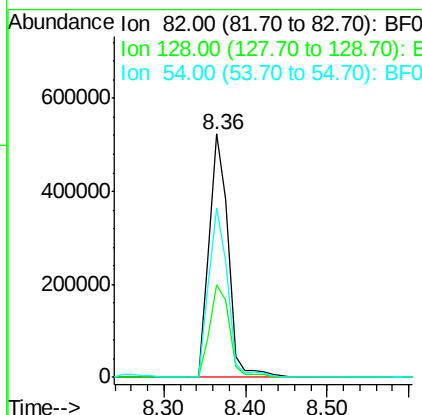
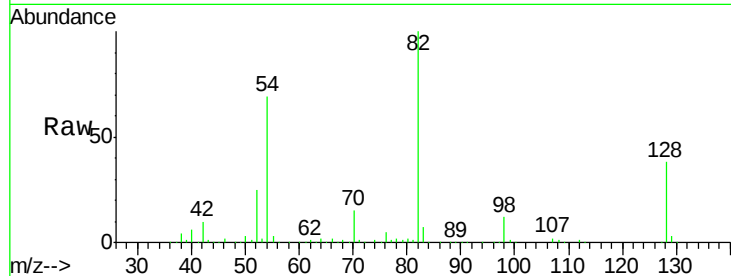
#23
 Nitrobenzene-d5
 Concen: 103.33 ng
 RT: 8.36 min Scan# 593
 Delta R.T. -0.01 min
 Lab File: BF087587.D
 Acq: 31 May 2016 18:29

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-48-052616MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	38.0	40.6	61.0#	
54	69.4	38.1	57.1#	

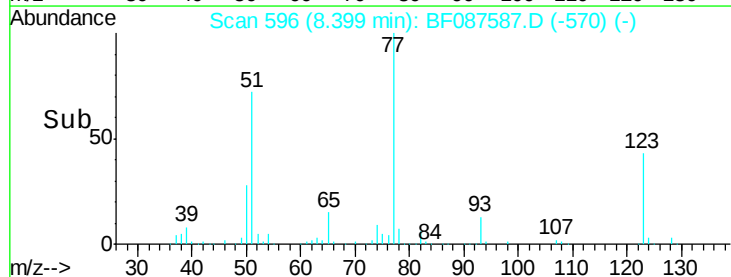
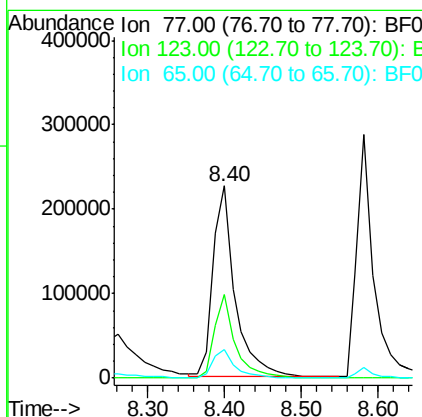
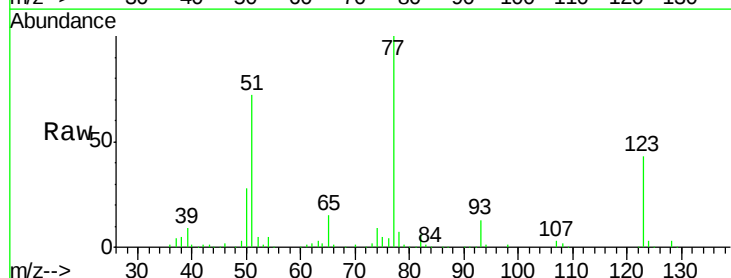
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#24
 Nitrobenzene
 Concen: 51.36 ng
 RT: 8.40 min Scan# 596
 Delta R.T. 0.00 min
 Lab File: BF087587.D
 Acq: 31 May 2016 18:29

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	43.2	33.0	49.4	
65	14.8	10.8	16.2	





#25

Isophorone

Concen: 51.66 ng

RT: 8.79 min Scan# 630

Delta R.T. -0.01 min

Lab File: BF087587.D

Acq: 31 May 2016 18:29

Instrument :

BNA_F

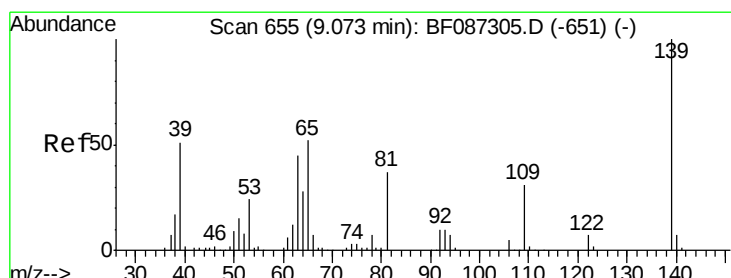
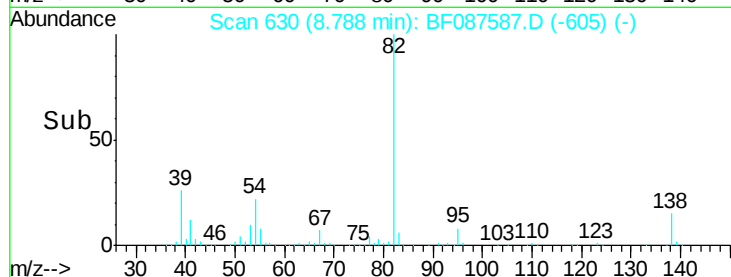
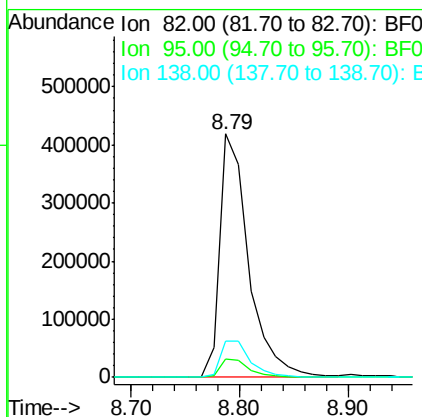
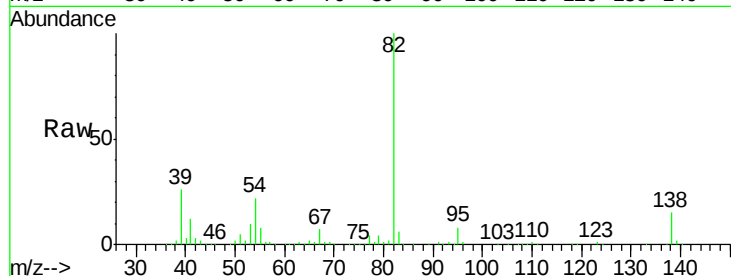
ClientSampleId :

HSR-WC-48-052616MS

Tot Ion:	82	Resp:	775509
Ion Ratio	Lower	Upper	
82	100		
95	7.6	5.1	7.7
138	14.7	12.4	18.6

Manual Integrations
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#26

2-Nitrophenol

Concen: 54.36 ng

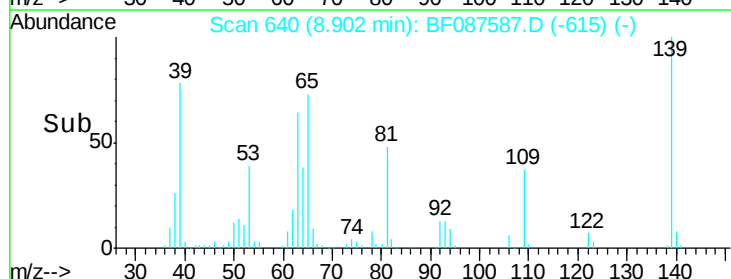
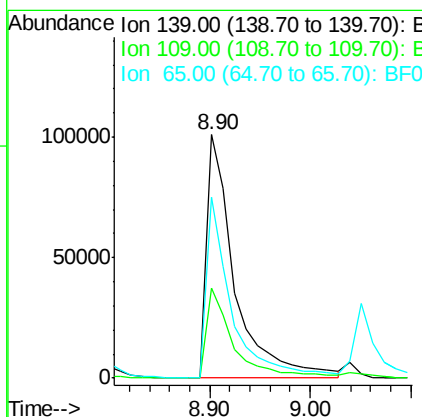
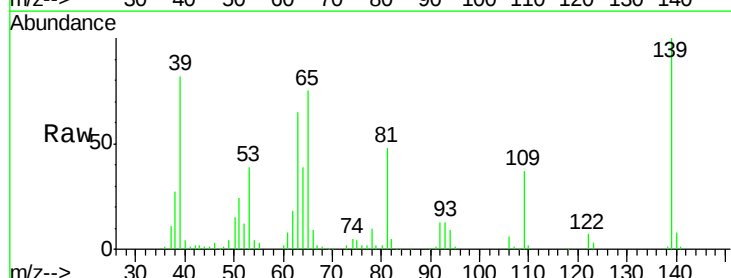
RT: 8.90 min Scan# 640

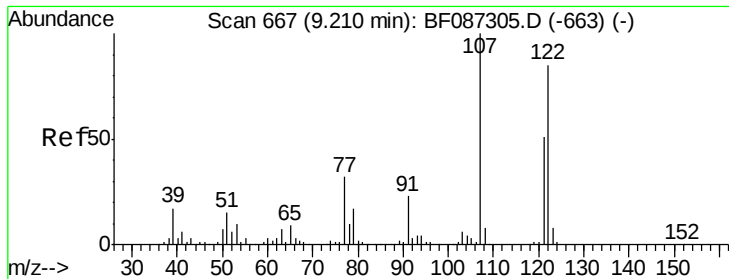
Delta R.T. -0.01 min

Lab File: BF087587.D

Acq: 31 May 2016 18:29

Tgt Ion:	139	Resp:	196314
Ion Ratio	Lower	Upper	
139	100		
109	36.8	19.5	29.3#
65	74.5	37.5	56.3#





#27

2,4-Dimethylphenol

Concen: 53.01 ng

RT: 9.05 min Scan# 653

Delta R.T. -0.01 min

Lab File: BF087587.D

Acq: 31 May 2016 18:29

Instrument :

BNA_F

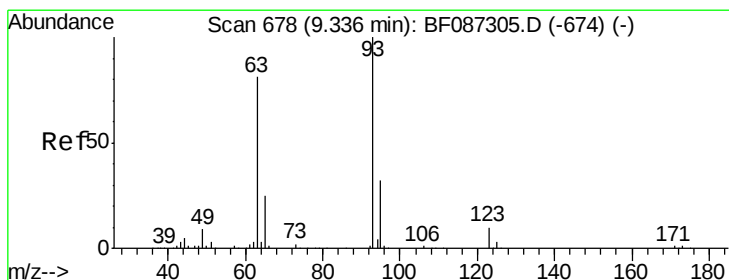
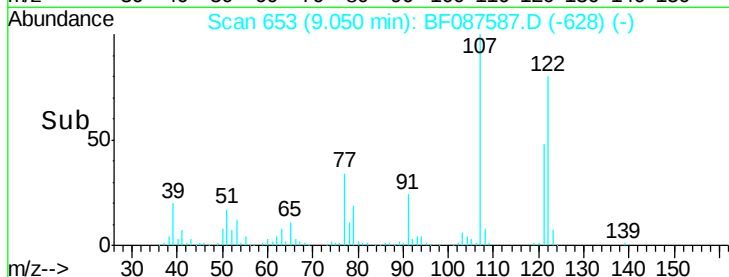
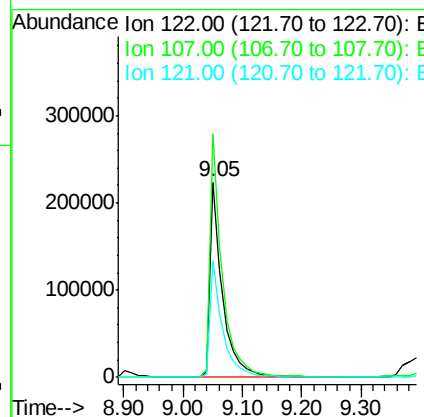
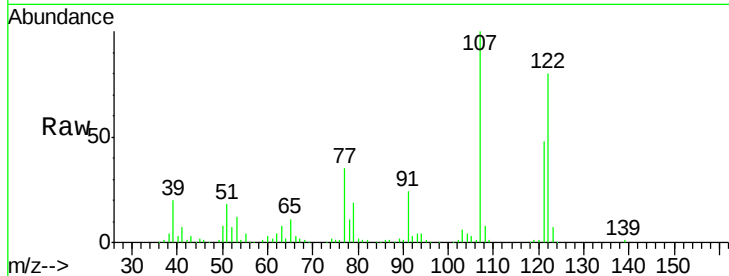
ClientSampleId :

HSR-WC-48-052616MS

Tot Ion:	122	Resp:	332305
Ion Ratio	Lower	Upper	
122	100		
107	124.7	82.0	123.0#
121	59.5	46.1	69.1

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#28

bis(2-Chloroethoxy)methane

Concen: 55.30 ng

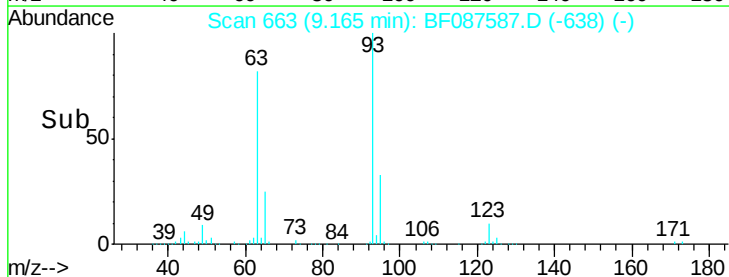
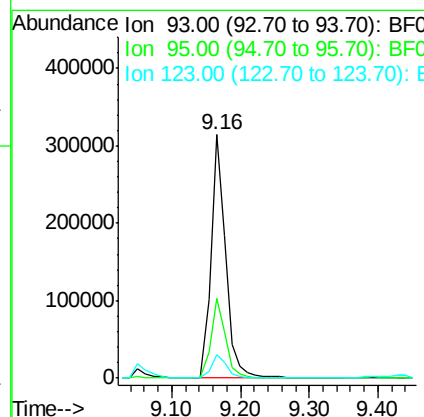
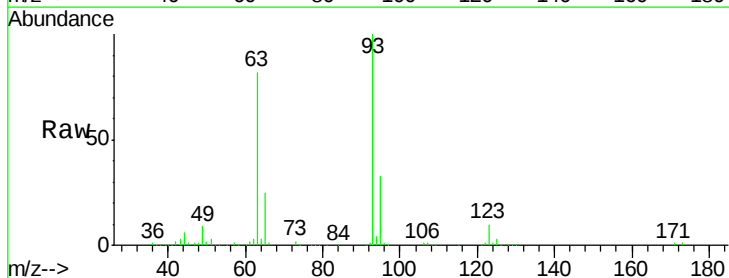
RT: 9.16 min Scan# 663

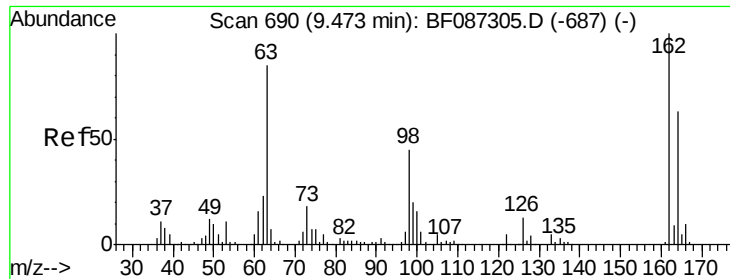
Delta R.T. -0.01 min

Lab File: BF087587.D

Acq: 31 May 2016 18:29

Tgt Ion:	93	Resp:	467600
Ion Ratio	Lower	Upper	
93	100		
95	32.7	26.0	39.0
123	9.7	9.5	14.3





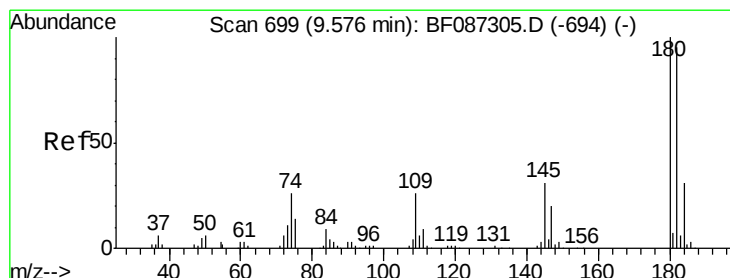
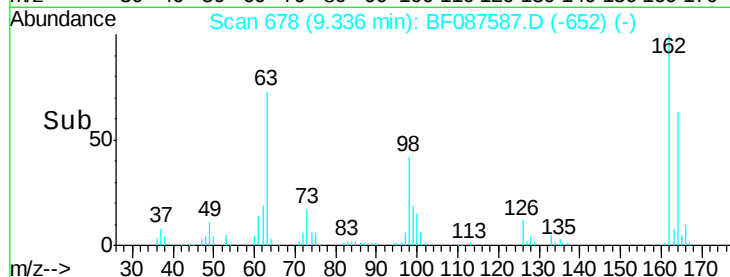
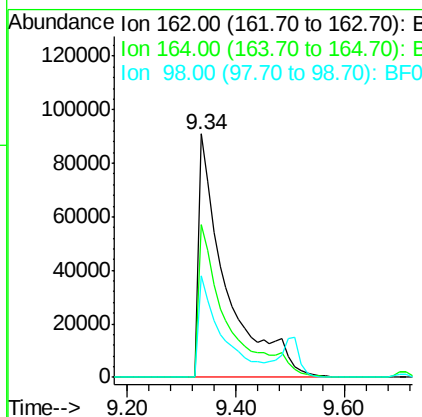
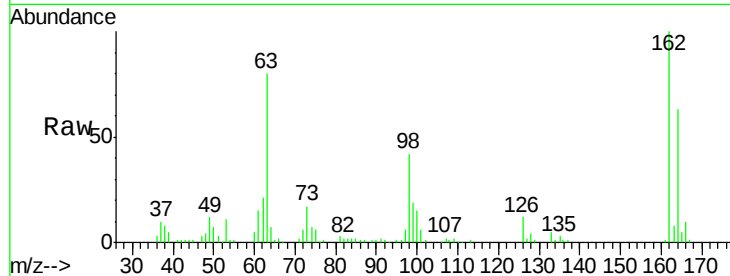
#29
2,4-Dichlorophenol
Concen: 55.99 ng
RT: 9.34 min Scan# 678
Delta R.T. 0.00 min
Lab File: BF087587.D
Acq: 31 May 2016 18:29

Instrument :
BNA_F
ClientSampleId :
HSR-WC-48-052616MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		316342		
164	62.6	42.2	82.2		
98	41.9	19.0	59.0		

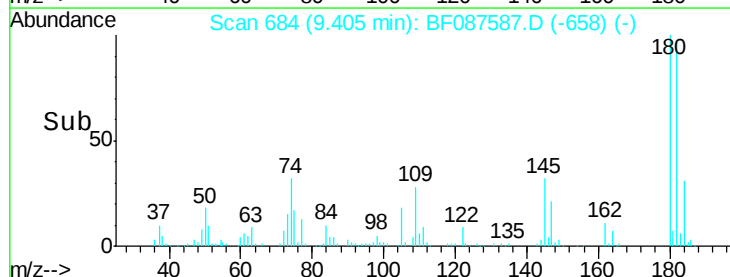
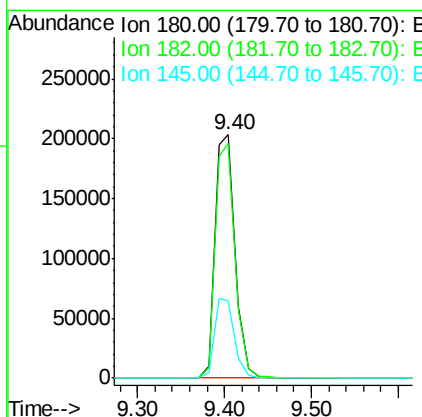
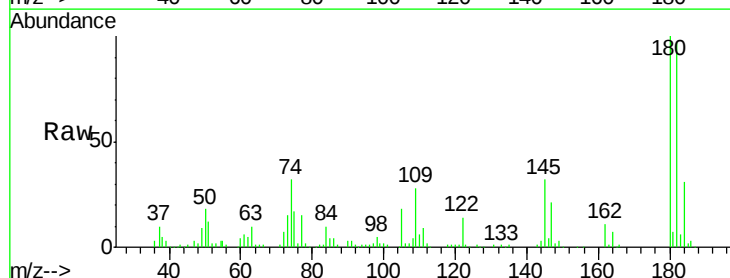
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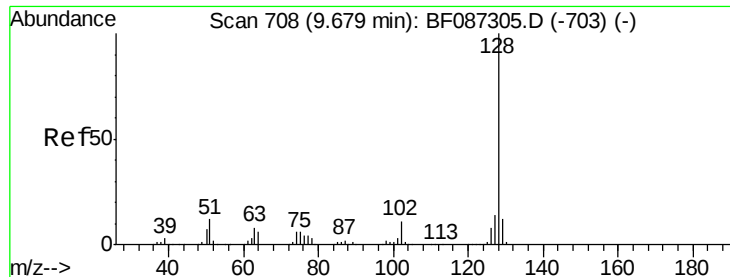
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#30
1,2,4-Trichlorobenzene
Concen: 50.96 ng
RT: 9.40 min Scan# 684
Delta R.T. 0.00 min
Lab File: BF087587.D
Acq: 31 May 2016 18:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		329591		
182	96.5	78.0	117.0		
145	31.5	24.2	36.2		





#31

Naphthalene

Concen: 61.62 ng

RT: 9.51 min Scan# 693

Delta R.T. 0.00 min

Lab File: BF087587.D

Acq: 31 May 2016 18:29

Instrument :

BNA_F

ClientSampleId :

HSR-WC-48-052616MS

Tot Ion:128 Resp: 1302475

Ion Ratio Lower Upper

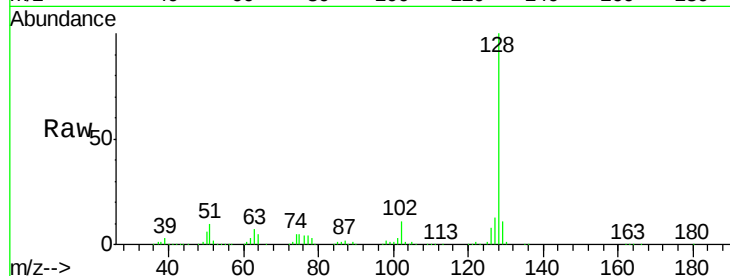
128 100

129 11.1 8.6 13.0

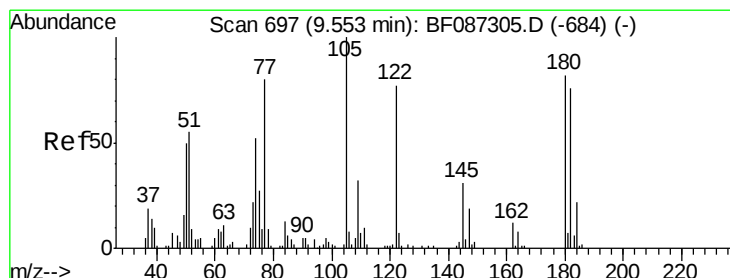
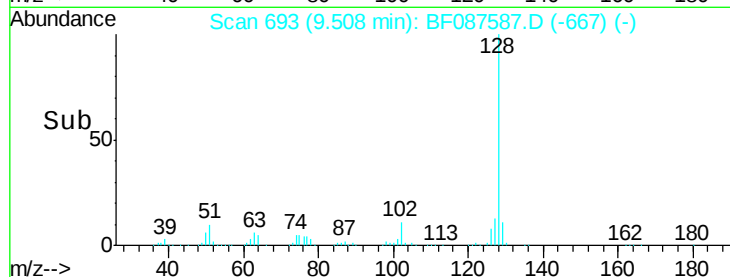
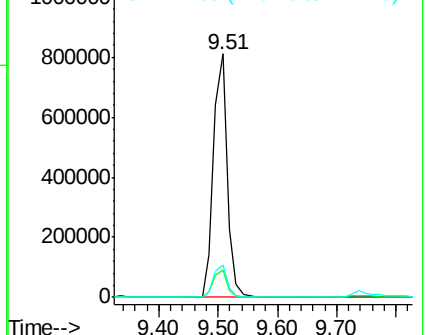
127 13.3 10.8 16.2

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 56.78 ng

RT: 9.44 min Scan# 687

Delta R.T. -0.01 min

Lab File: BF087587.D

Acq: 31 May 2016 18:29

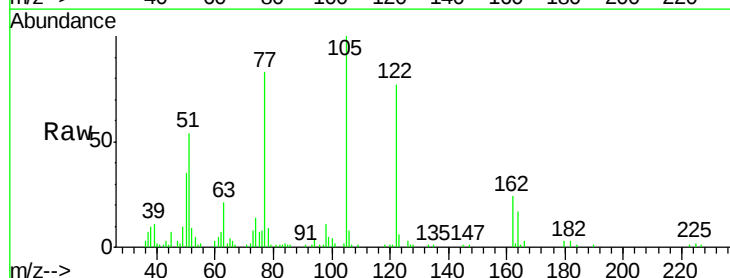
Tgt Ion:122 Resp: 187239

Ion Ratio Lower Upper

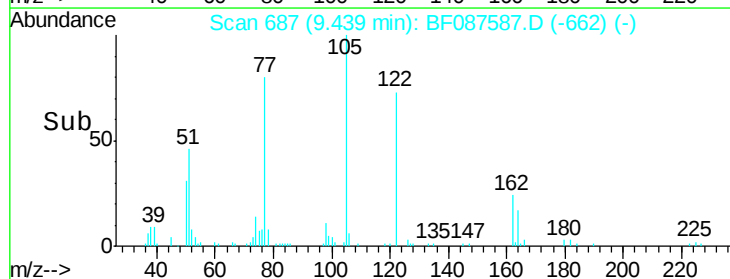
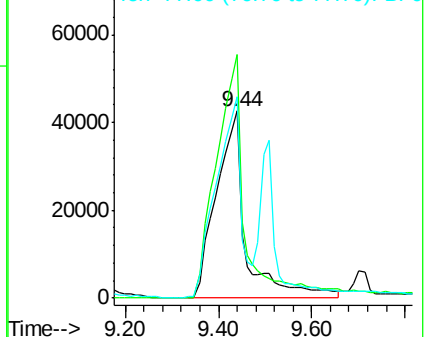
122 100

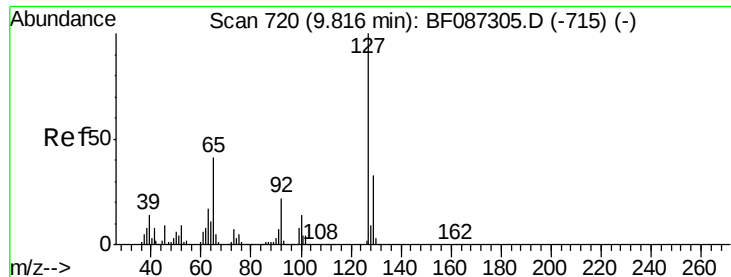
105 130.1 92.6 132.6

77 107.6 60.0 100.0#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





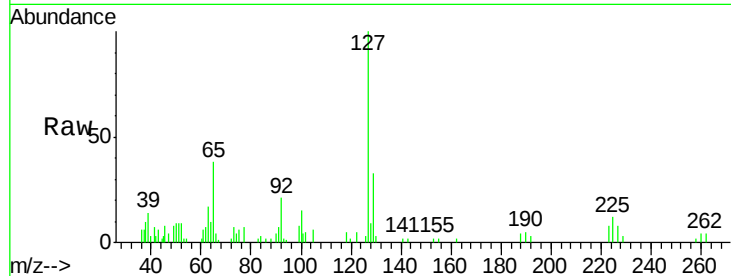
#33
4-Chloroaniline
Concen: 8.48 ng
RT: 9.74 min Scan# 713
Delta R.T. 0.06 min
Lab File: BF087587.D
Acq: 31 May 2016 18:29

Instrument :
BNA_F
ClientSampleId :
HSR-WC-48-052616MS

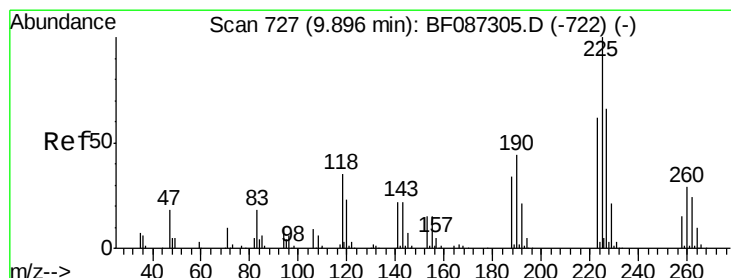
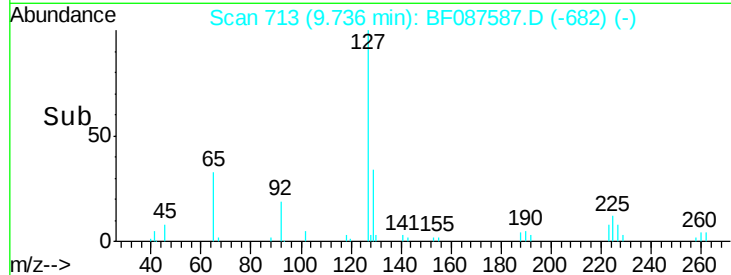
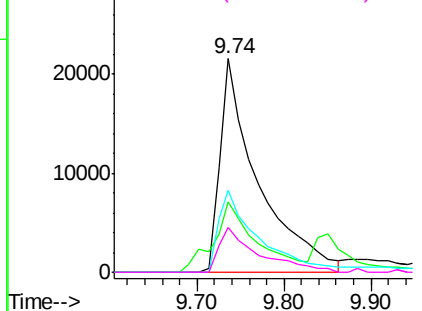
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.1	26.2	39.4		
65	38.2	23.0	34.4		
92	20.8	15.1	22.7		

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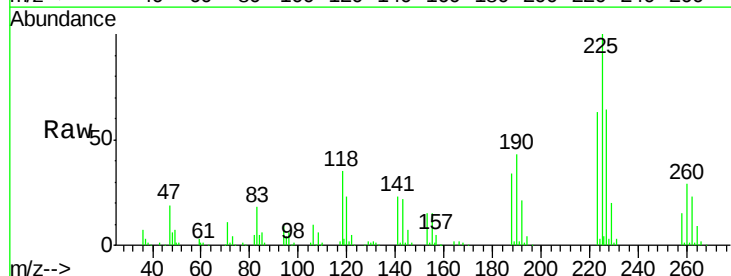


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

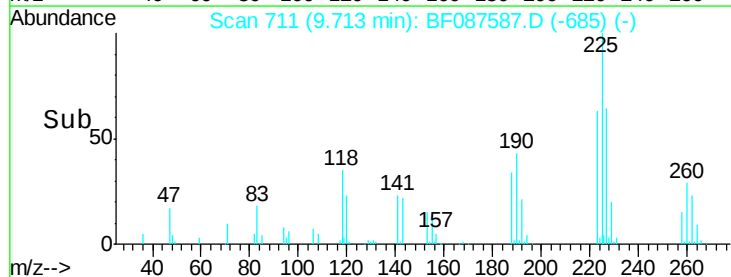
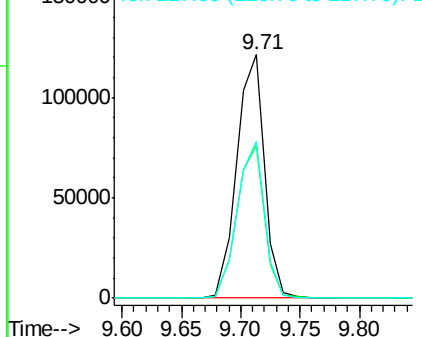


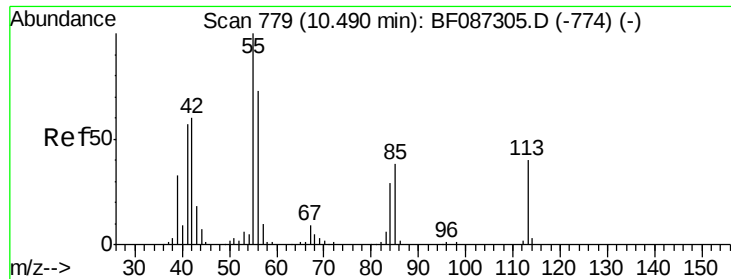
#34
Hexachlorobutadiene
Concen: 50.18 ng
RT: 9.71 min Scan# 711
Delta R.T. 0.00 min
Lab File: BF087587.D
Acq: 31 May 2016 18:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.6	51.5	77.3		
227	64.4	52.2	78.2		



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 51.69 ng/mL

RT: 10.32 min Scan# 764

Delta R.T. -0.02 min

Lab File: BF087587.D

Acq: 31 May 2016 18:29

Instrument :

BNA_F

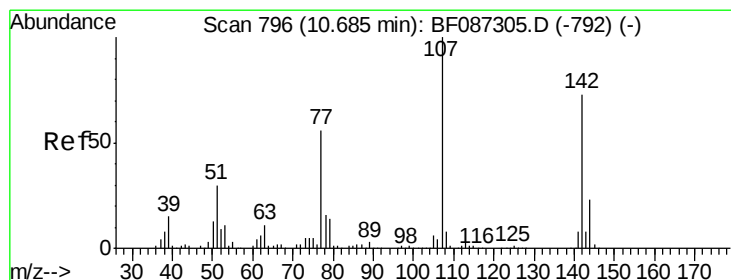
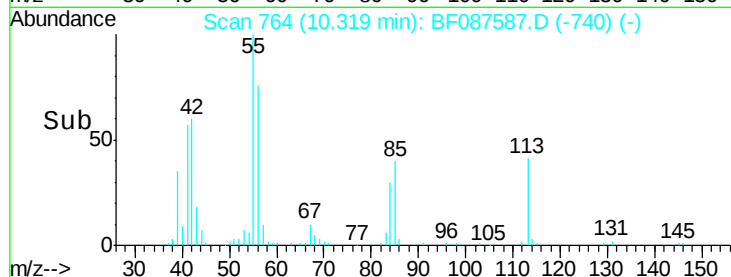
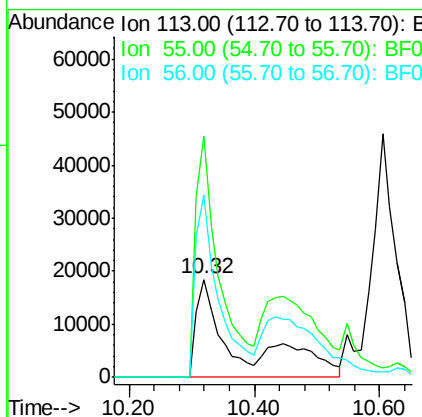
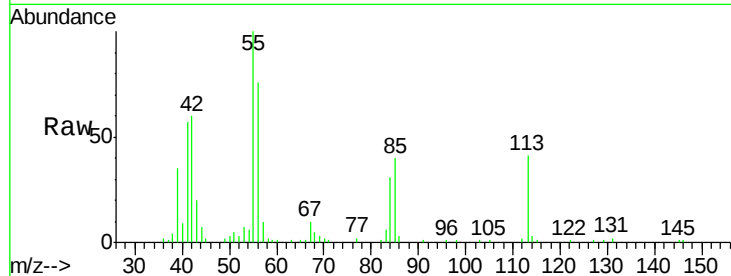
ClientSampleId :

HSR-WC-48-052616MS

Tot Ion:	113	Resp:	85243
Ion Ratio	Lower	Upper	
113	100		
55	246.4	162.0	202.0#
56	186.6	115.3	155.3#

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#36

4-Chloro-3-methylphenol

Concen: 55.21 ng/mL

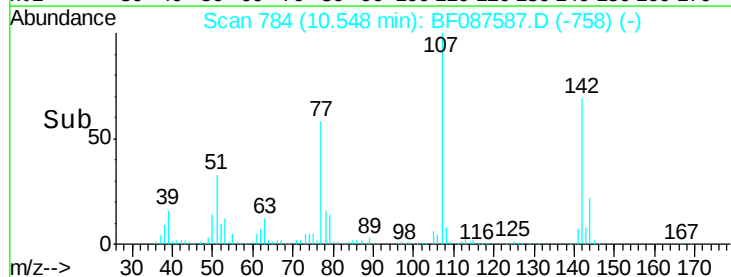
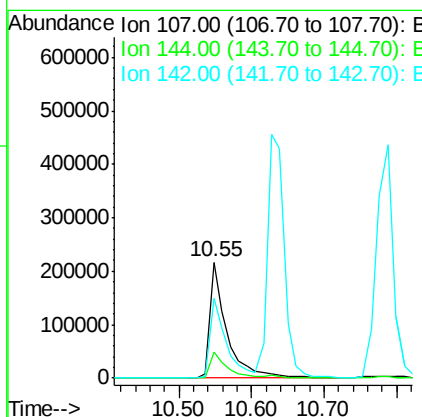
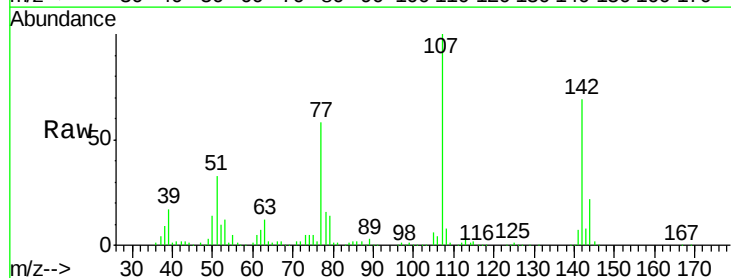
RT: 10.55 min Scan# 784

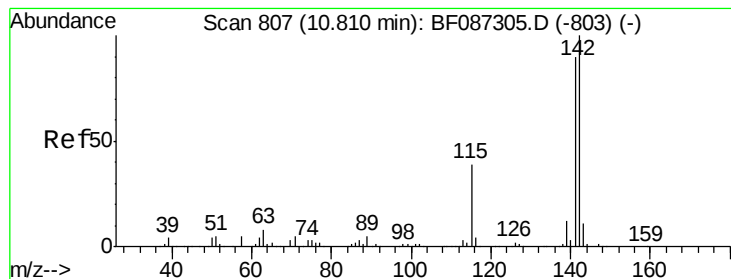
Delta R.T. 0.00 min

Lab File: BF087587.D

Acq: 31 May 2016 18:29

Tgt Ion:	107	Resp:	352648
Ion Ratio	Lower	Upper	
107	100		
144	22.3	20.7	31.1
142	69.3	63.2	94.8





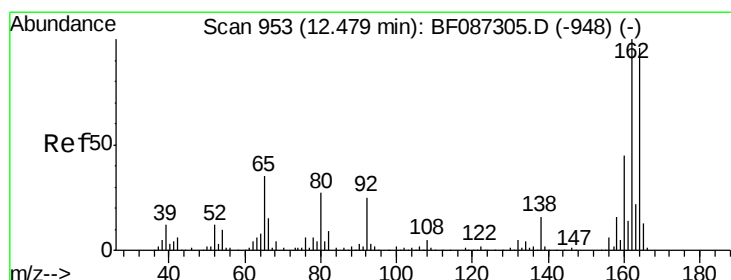
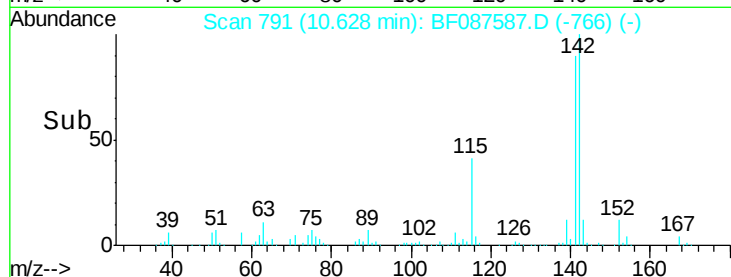
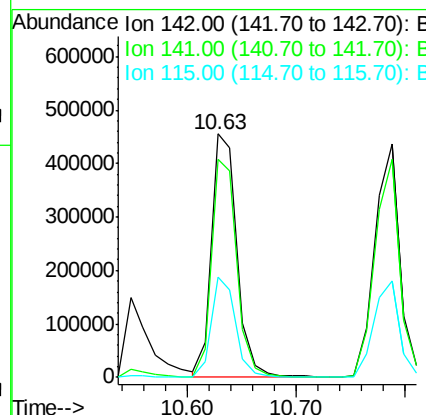
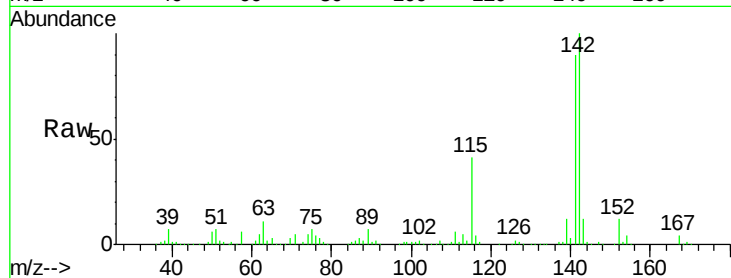
#37
2-Methylnaphthalene
Concen: 56.64 ng
RT: 10.63 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF087587.D
Acq: 31 May 2016 18:29

Instrument :
BNA_F
ClientSampleId :
HSR-WC-48-052616MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.0	106.6
115	41.4	26.6	39.8

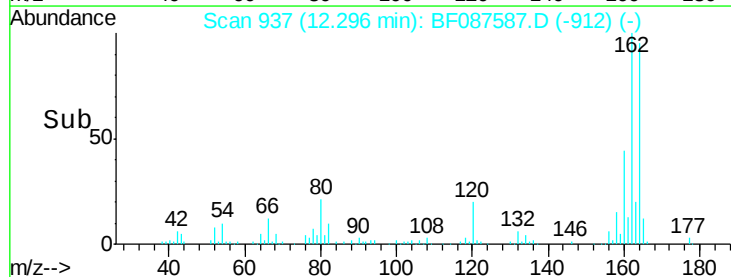
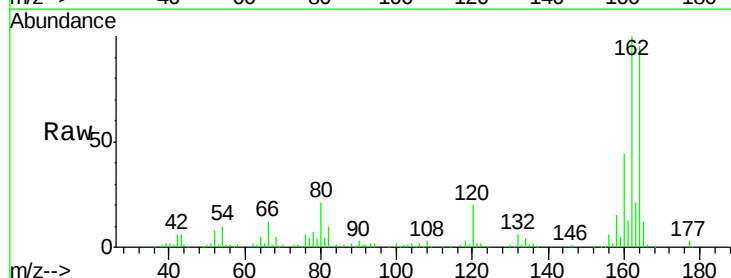
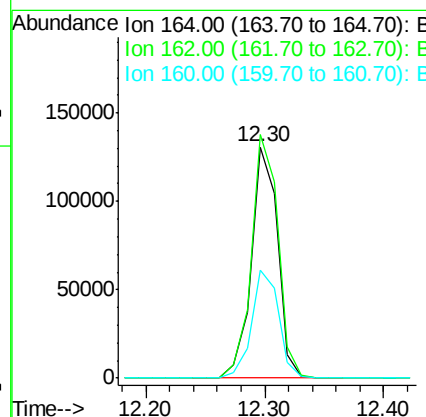
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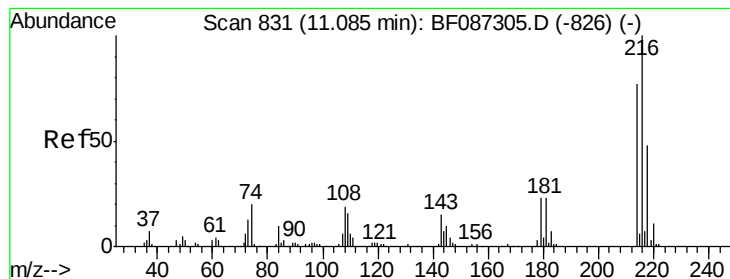
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.30 min Scan# 937
Delta R.T. -0.01 min
Lab File: BF087587.D
Acq: 31 May 2016 18:29

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.4	82.8	124.2
160	46.6	36.9	55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 49.34 ng

RT: 10.91 min Scan# 816

Delta R.T. 0.00 min

Lab File: BF087587.D

Acq: 31 May 2016 18:29

Instrument :

BNA_F

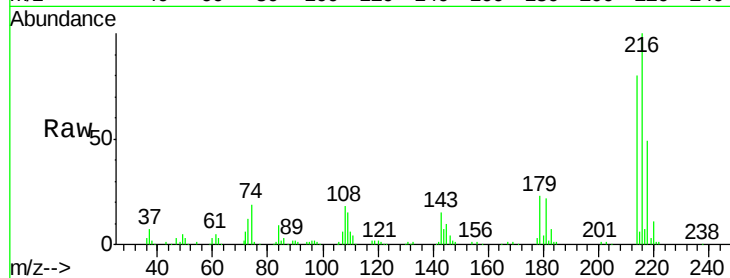
ClientSampleId :

HSR-WC-48-052616MS

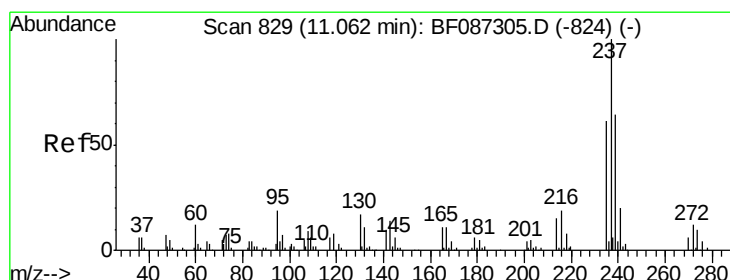
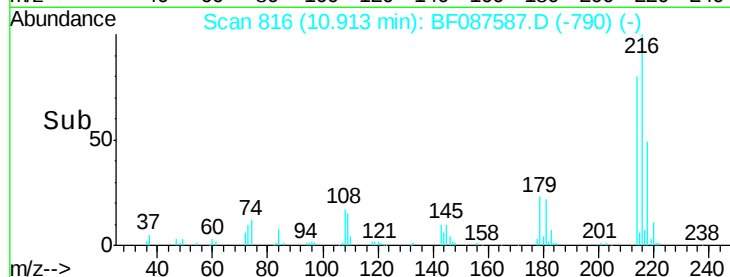
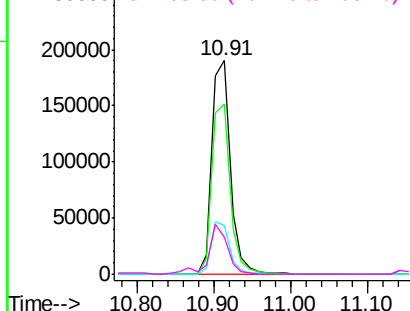
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		318636		
214	79.7	62.6	93.8		
179	24.1	18.2	27.4		
108	24.2	17.5	26.3		

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Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 68.68 ng

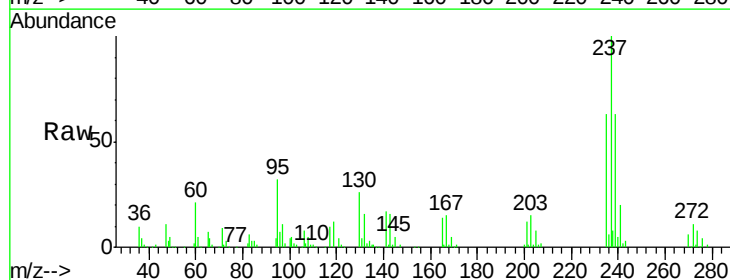
RT: 10.87 min Scan# 812

Delta R.T. -0.01 min

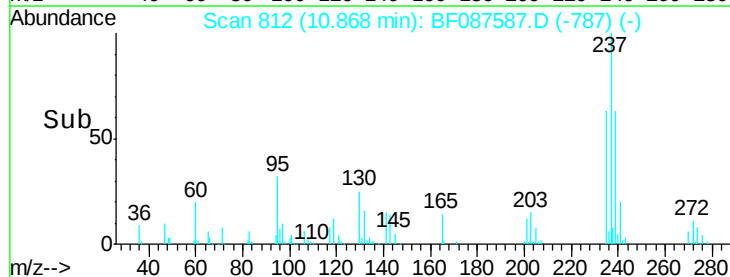
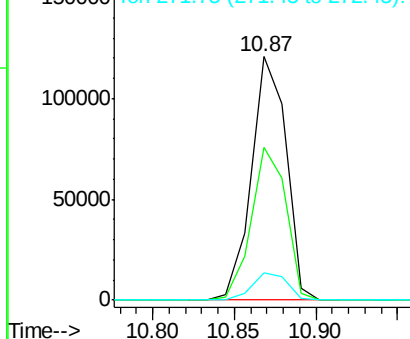
Lab File: BF087587.D

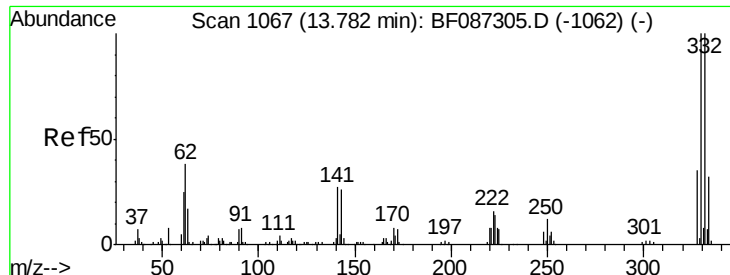
Acq: 31 May 2016 18:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		178508		
235	62.8	47.2	87.2		
272	11.0	0.0	31.1		



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E





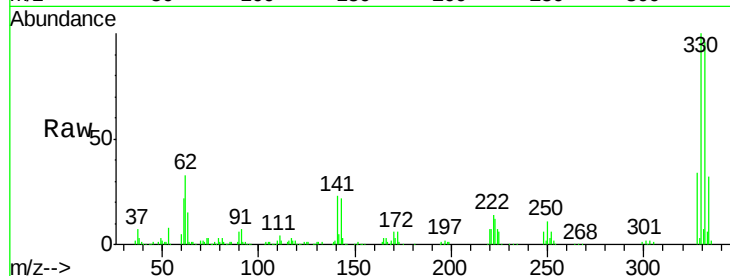
#41
 2,4,6-Tribromophenol
 Concen: 163.30 ng
 RT: 13.61 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: BF087587.D
 Acq: 31 May 2016 18:29

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-48-052616MS

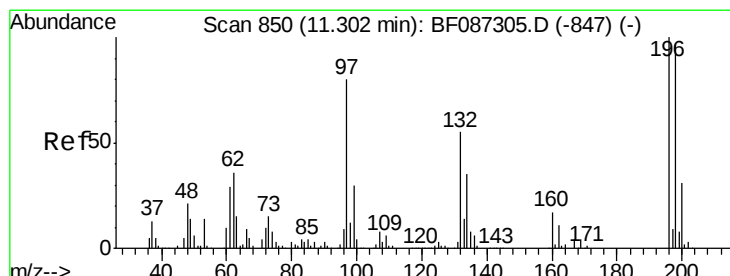
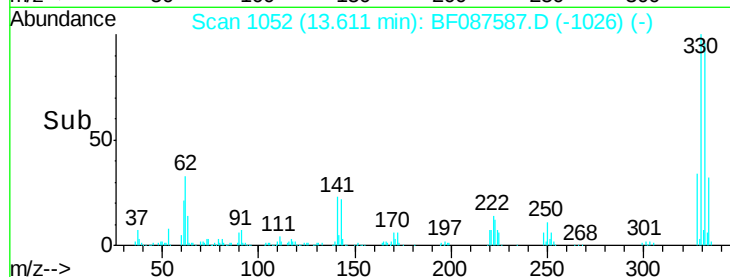
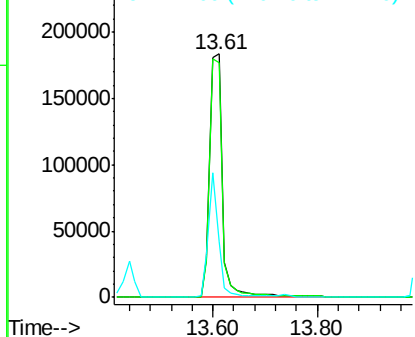
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.5	79.0	118.4	
141	40.8	31.2	46.8	

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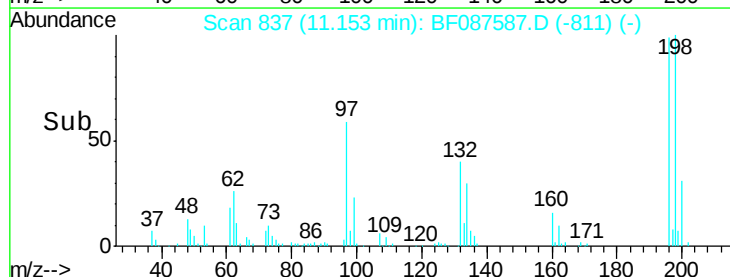
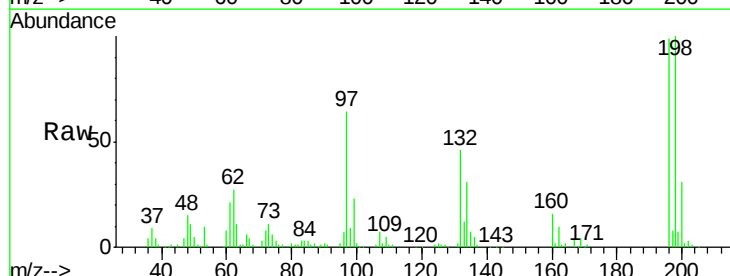
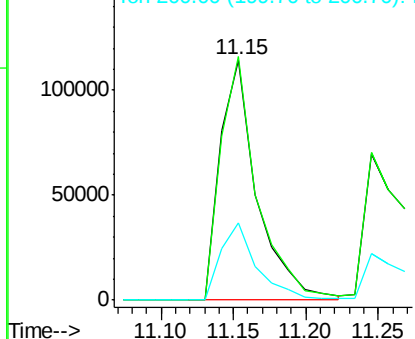
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 54.31 ng
 RT: 11.15 min Scan# 837
 Delta R.T. 0.00 min
 Lab File: BF087587.D
 Acq: 31 May 2016 18:29

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	101.4	74.7	112.1	
200	31.9	23.8	35.6	

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





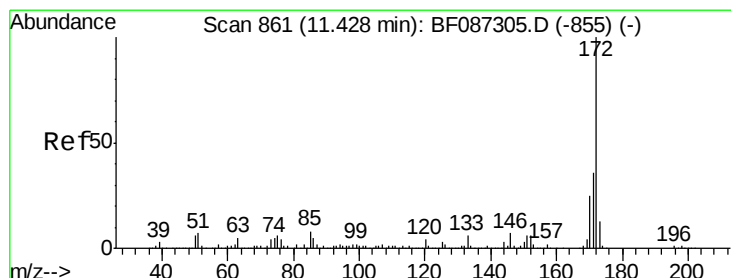
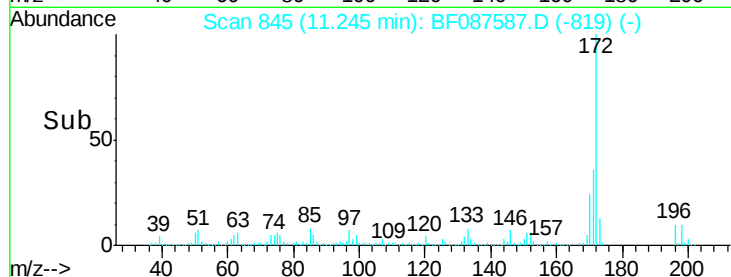
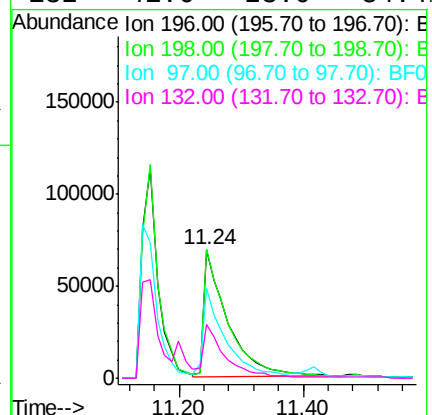
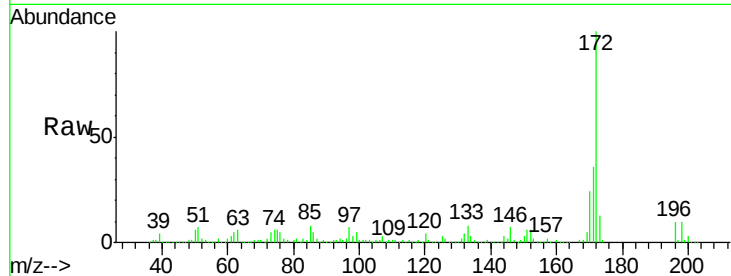
#43
 2,4,5-Trichlorophenol
 Concen: 48.77 ng
 RT: 11.24 min Scan# 845
 Delta R.T. 0.00 min
 Lab File: BF087587.D
 Acq: 31 May 2016 18:29

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-48-052616MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	185138		
198	101.0	77.5	116.3	
97	69.8	34.8	52.2	
132	41.6	23.0	34.4	

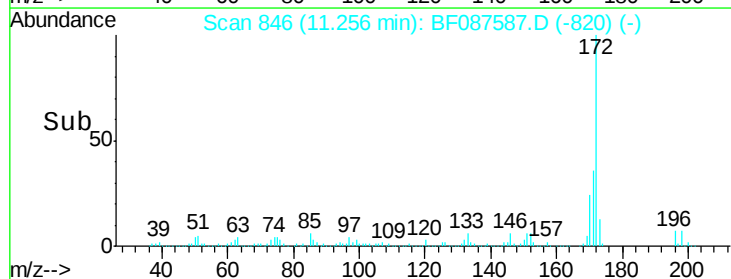
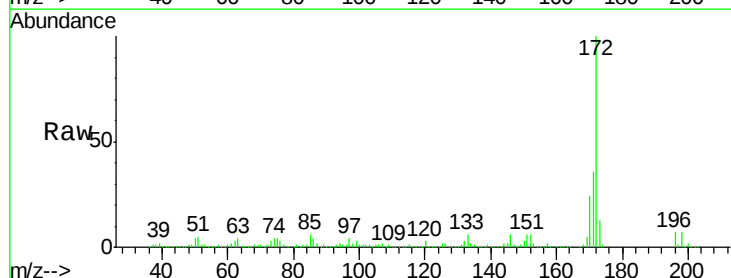
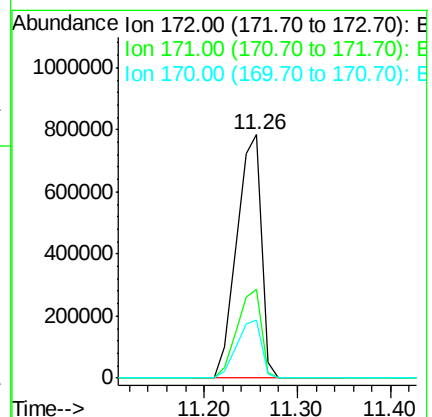
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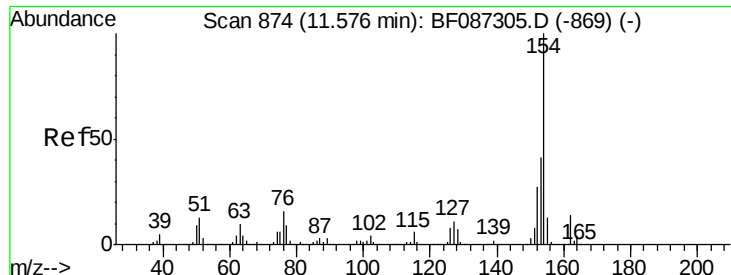
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#44
 2-Fluorobiphenyl
 Concen: 100.23 ng
 RT: 11.26 min Scan# 846
 Delta R.T. 0.00 min
 Lab File: BF087587.D
 Acq: 31 May 2016 18:29

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1434410		
171	36.4	29.0	43.6	
170	23.8	19.8	29.8	





#45

1,1'-Biphenyl

Concen: 54.06 ng

RT: 11.40 min Scan# 859

Delta R.T. 0.00 min

Lab File: BF087587.D

Acq: 31 May 2016 18:29

Instrument :

BNA_F

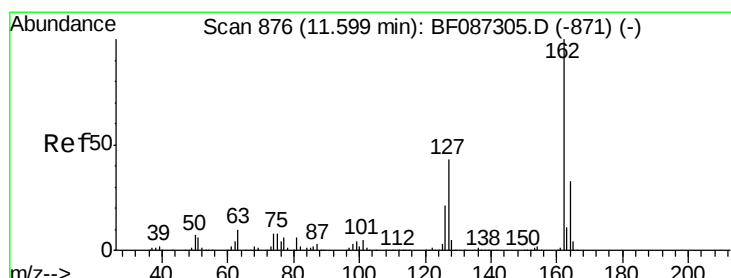
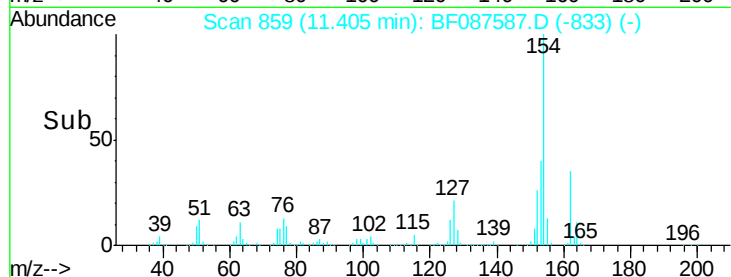
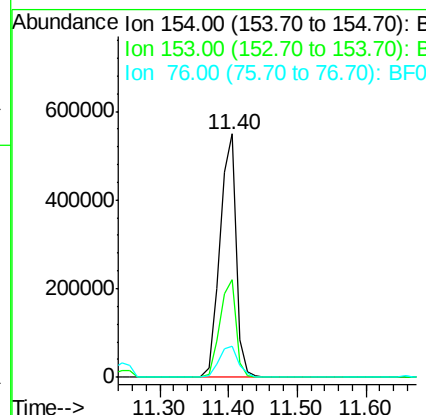
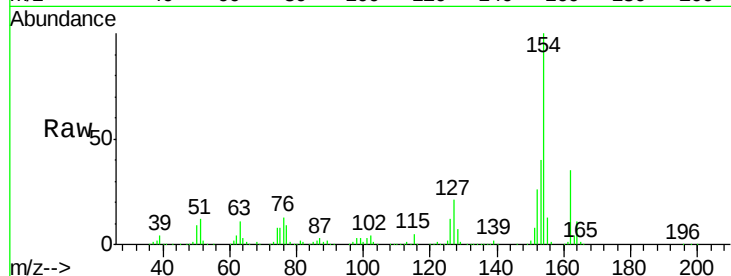
ClientSampleId :

HSR-WC-48-052616MS

Tot Ion:	154	Resp:	918282
Ion Ratio	Lower	Upper	
154	100		
153	40.0	20.3	60.3
76	12.7	0.0	30.2

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#46

2-Chloronaphthalene

Concen: 51.26 ng

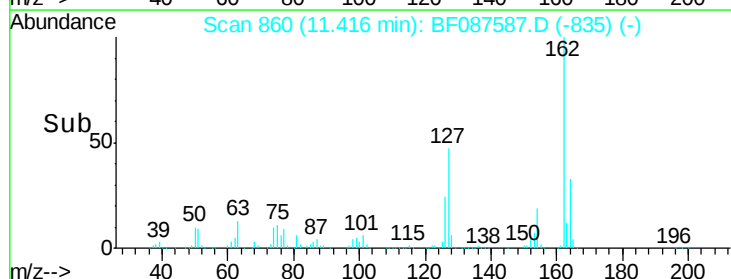
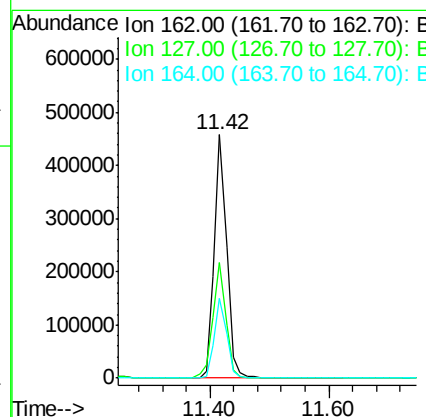
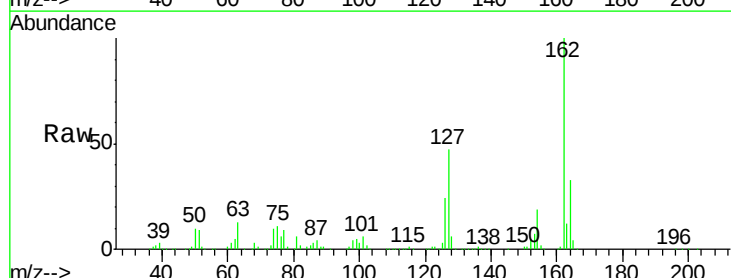
RT: 11.42 min Scan# 860

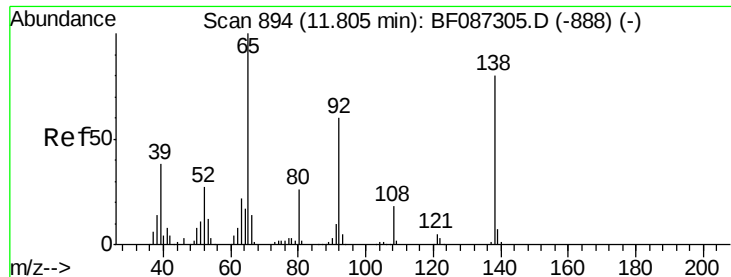
Delta R.T. -0.01 min

Lab File: BF087587.D

Acq: 31 May 2016 18:29

Tgt Ion:	162	Resp:	666146
Ion Ratio	Lower	Upper	
162	100		
127	47.3	31.8	47.6
164	32.8	27.0	40.6





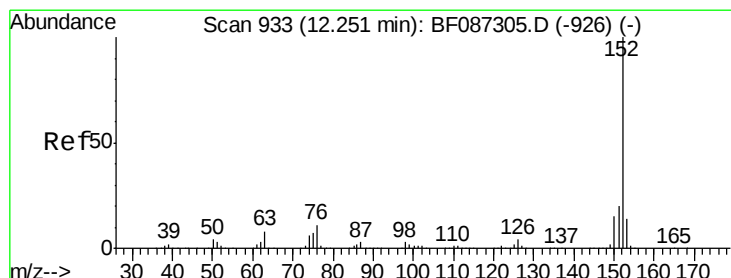
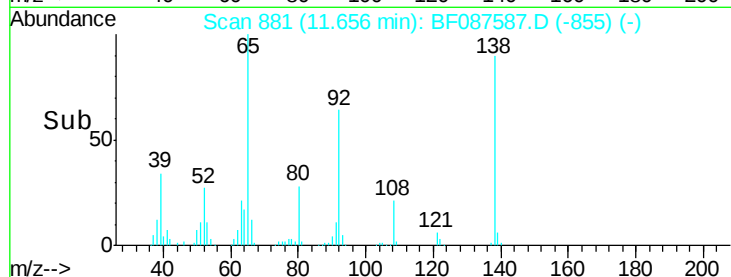
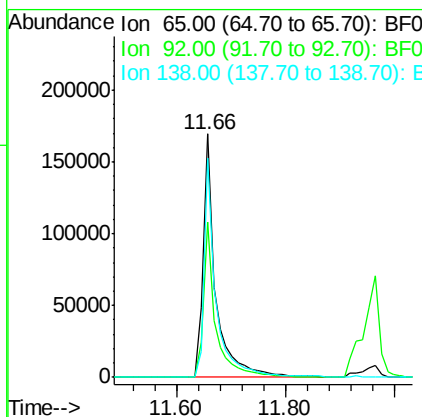
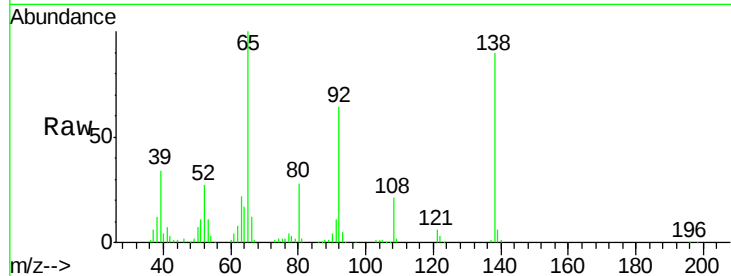
#47
2-Nitroaniline
Concen: 57.73 ng
RT: 11.66 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF087587.D
Acq: 31 May 2016 18:29

Instrument :
BNA_F
ClientSampleId :
HSR-WC-48-052616MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	64.0	57.4	86.2
138	90.1	90.1	135.1

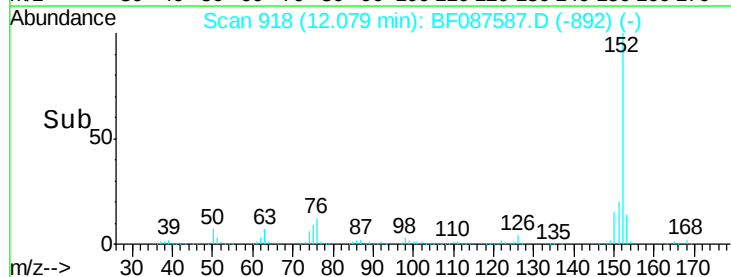
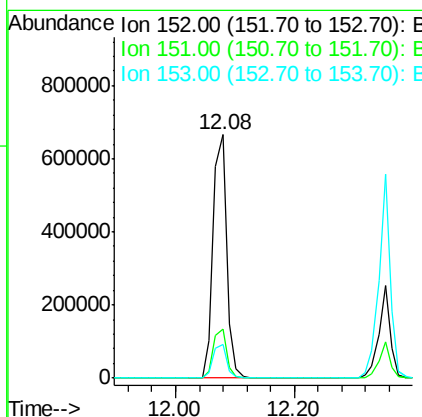
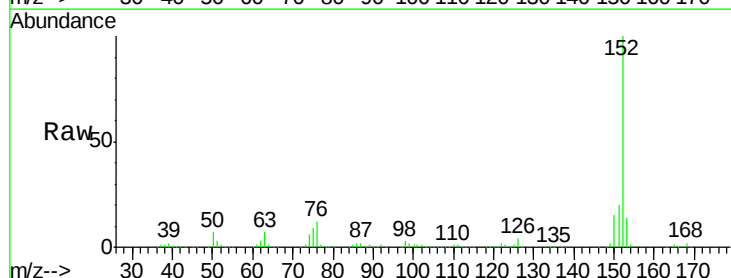
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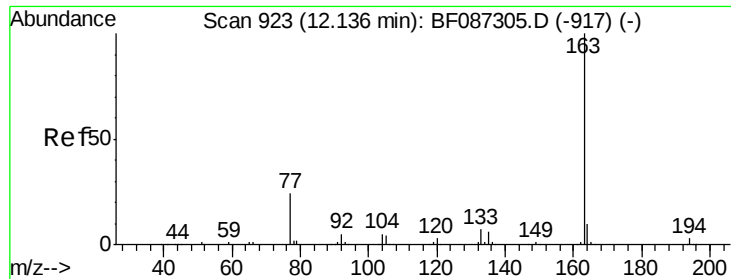
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#48
Acenaphthylene
Concen: 51.58 ng
RT: 12.08 min Scan# 918
Delta R.T. 0.00 min
Lab File: BF087587.D
Acq: 31 May 2016 18:29

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.8	25.2
153	13.8	10.9	16.3





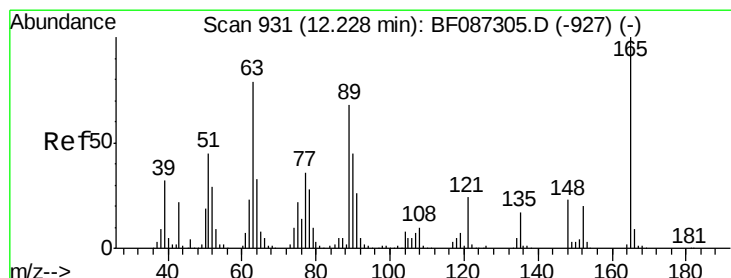
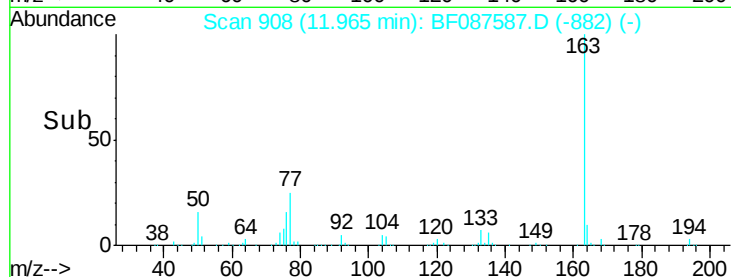
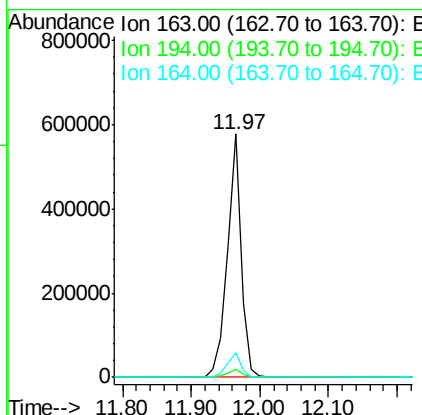
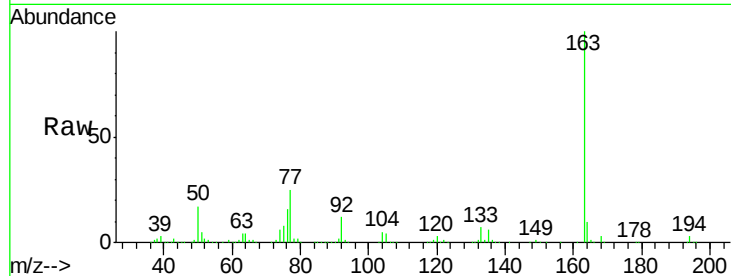
#49
Dimethylphthalate
Concen: 51.15 ng
RT: 11.97 min Scan# 908
Delta R.T. 0.00 min
Lab File: BF087587.D
Acq: 31 May 2016 18:29

Instrument :
BNA_F
ClientSampleId :
HSR-WC-48-052616MS

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.1	2.6	4.0	
164	10.2	8.2	12.4	

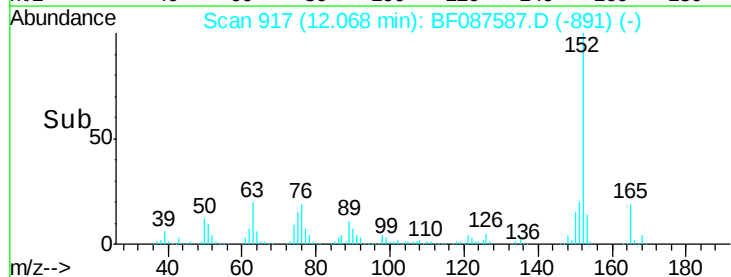
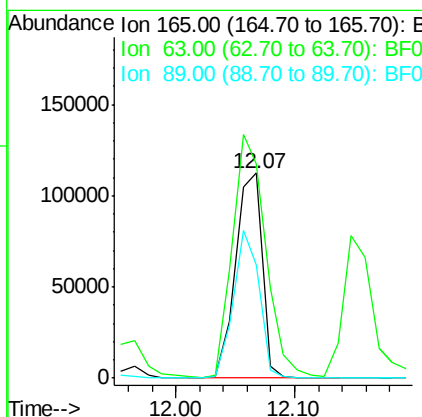
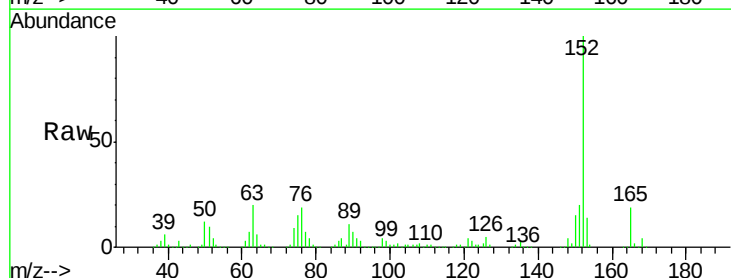
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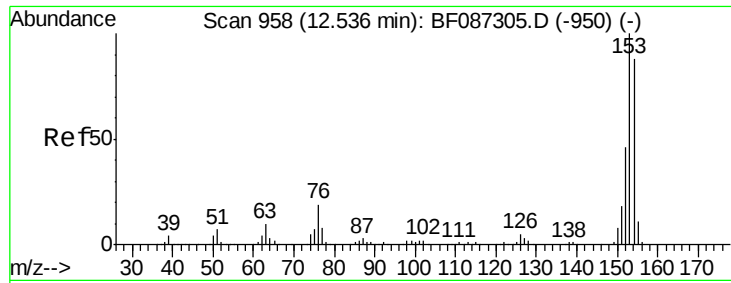
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#50
2,6-Dinitrotoluene
Concen: 54.15 ng
RT: 12.07 min Scan# 917
Delta R.T. 0.00 min
Lab File: BF087587.D
Acq: 31 May 2016 18:29

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	104.5	51.8	77.8#	
89	55.1	50.7	76.1	





#51

Acenaphthene

Concen: 53.17 ng

RT: 12.35 min Scan# 942

Delta R.T. 0.00 min

Lab File: BF087587.D

Acq: 31 May 2016 18:29

Instrument :

BNA_F

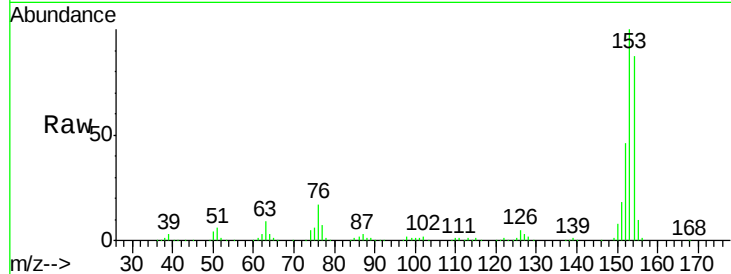
ClientSampleId :

HSR-WC-48-052616MS

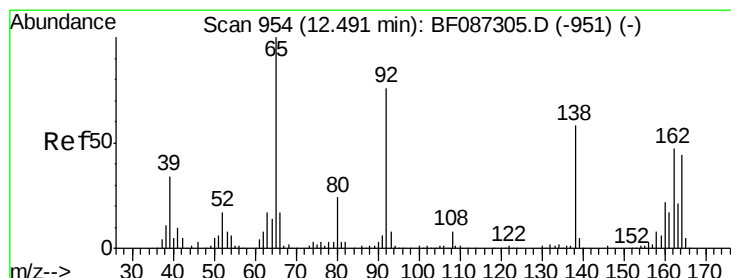
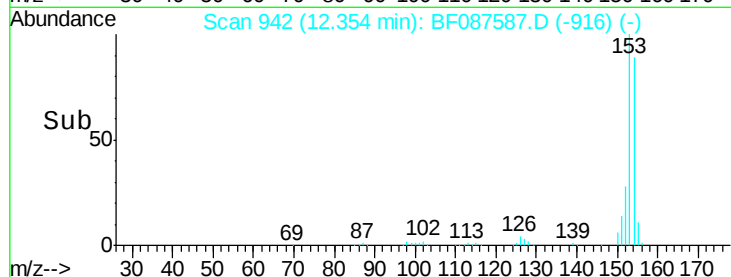
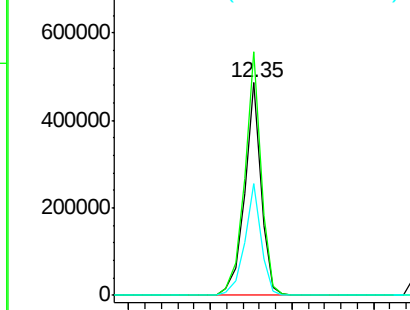
Tot Ion:	154	Resp:	672434
Ion Ratio	Lower	Upper	
154	100		
153	114.7	89.8	134.6
152	52.4	43.4	65.0

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



#52

3-Nitroaniline

Concen: 19.47 ng

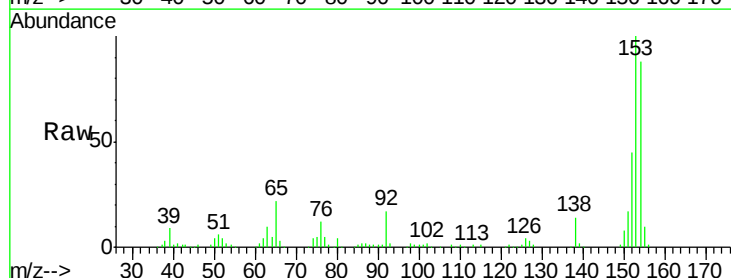
RT: 12.37 min Scan# 943

Delta R.T. 0.02 min

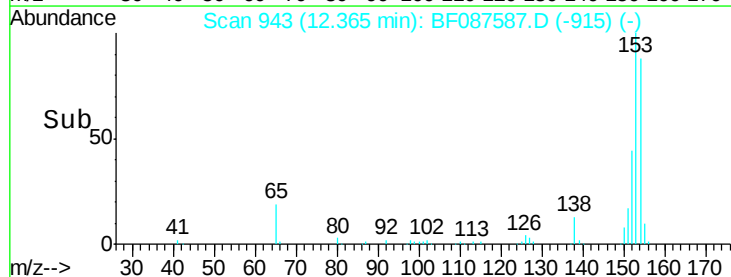
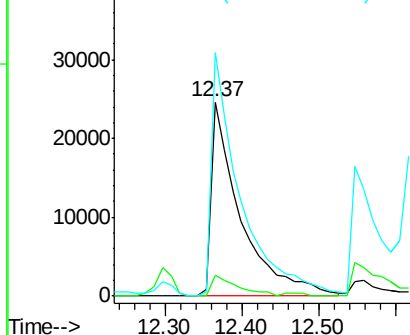
Lab File: BF087587.D

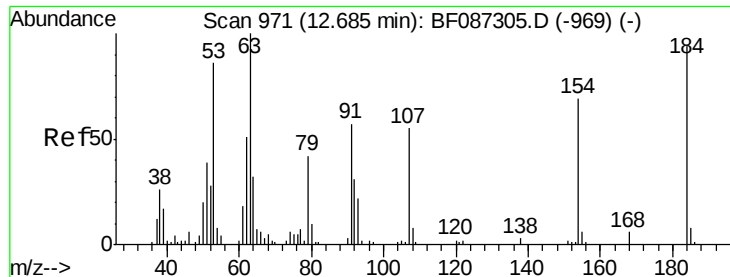
Acq: 31 May 2016 18:29

Tgt Ion:	138	Resp:	65088
Ion Ratio	Lower	Upper	
138	100		
108	10.8	7.8	11.6
92	125.6	87.8	131.8



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





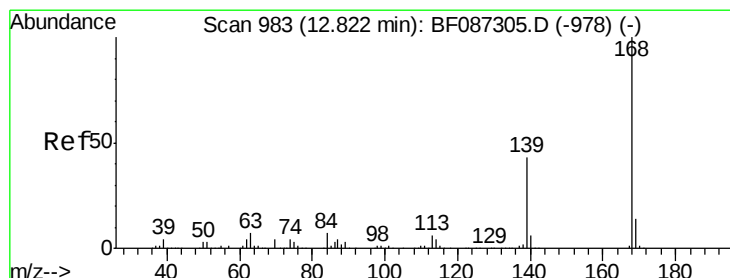
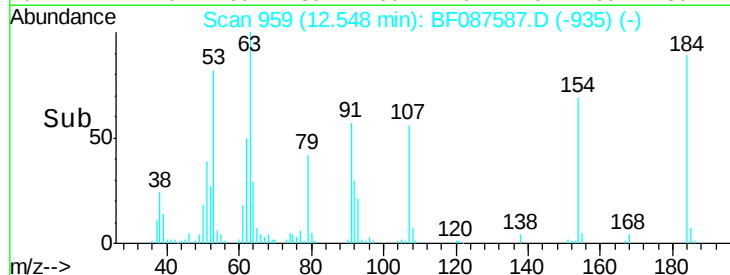
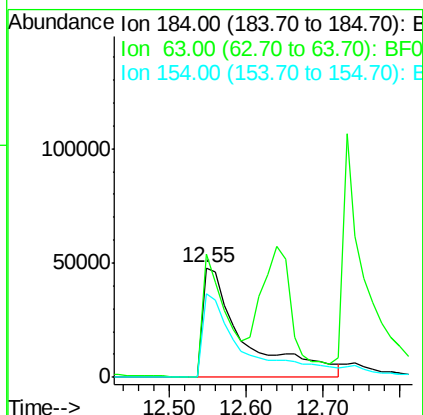
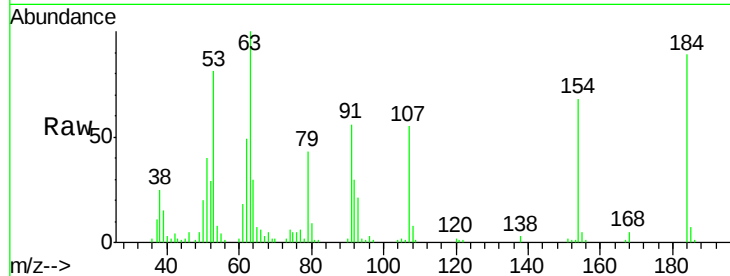
#53
 2,4-Dinitrophenol
 Concen: 105.12 ng
 RT: 12.55 min Scan# 959
 Delta R.T. -0.02 min
 Lab File: BF087587.D
 Acq: 31 May 2016 18:29

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-48-052616MS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	178934		
63	113.0	55.8	83.8#	
154	76.6	62.4	93.6	

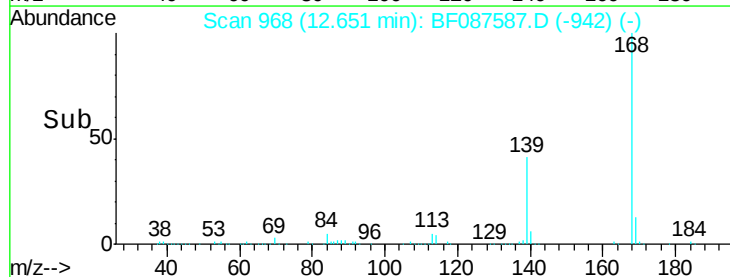
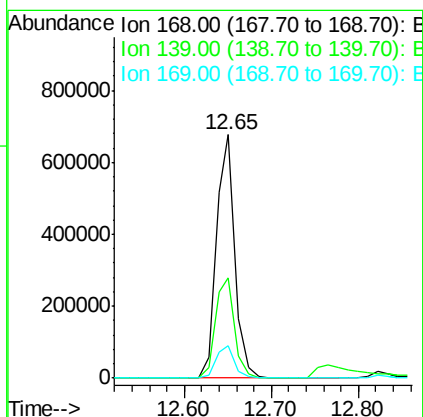
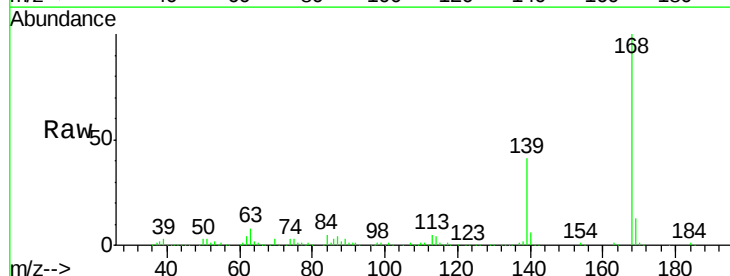
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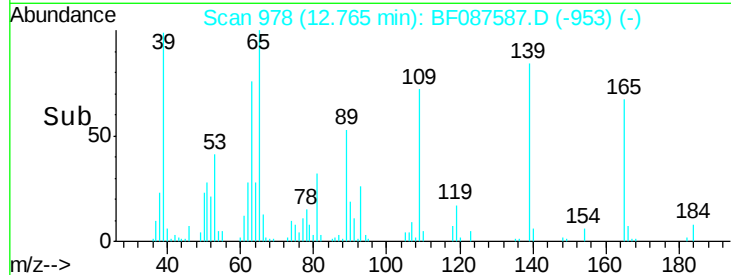
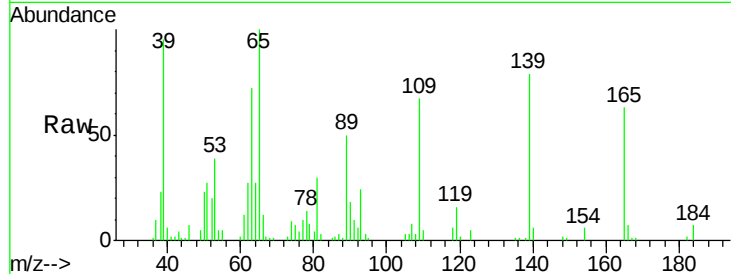
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#54
 Dibenzofuran
 Concen: 58.19 ng
 RT: 12.65 min Scan# 968
 Delta R.T. 0.00 min
 Lab File: BF087587.D
 Acq: 31 May 2016 18:29

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	996379		
139	41.1	31.4	47.0	
169	13.1	10.7	16.1	





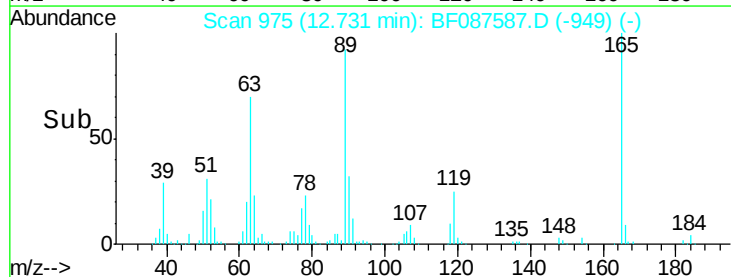
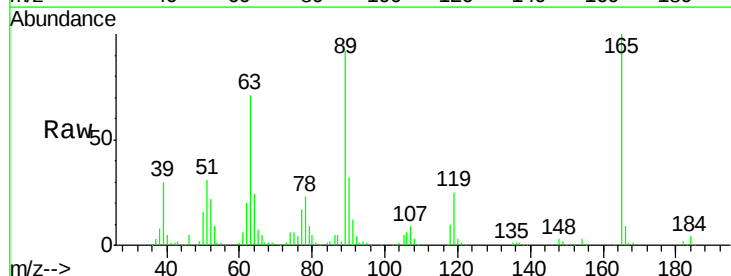
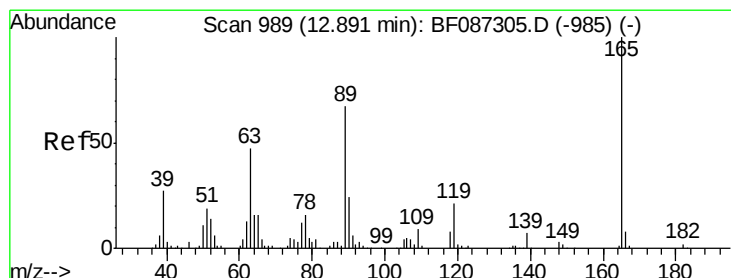
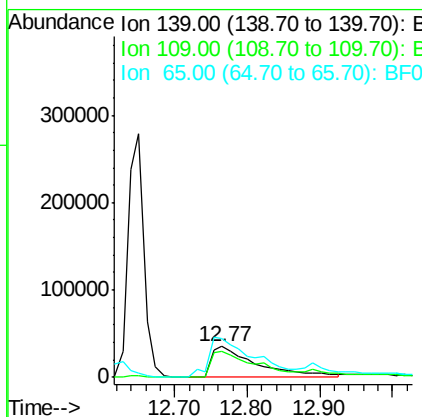
#55
4-Nitrophenol
Concen: 93.21 ng
RT: 12.77 min Scan# 978
Delta R.T. -0.01 min
Lab File: BF087587.D
Acq: 31 May 2016 18:29

Tot Ion	Ratio	Resp	Lower	Upper
139	100	148611		
109	84.8	36.9	76.9#	
65	126.4	64.0	104.0#	

Instrument :
BNA_F
ClientSampleId :
HSR-WC-48-052616MS

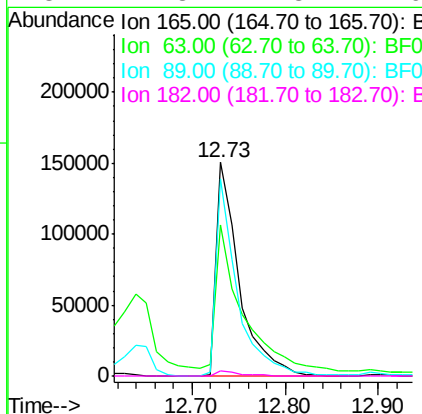
Manual Integrations
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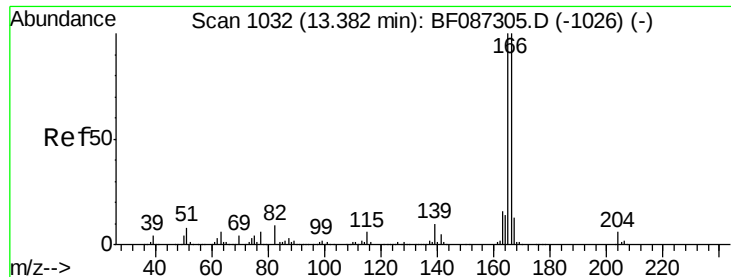
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#56
2,4-Dinitrotoluene
Concen: 59.17 ng
RT: 12.73 min Scan# 975
Delta R.T. 0.00 min
Lab File: BF087587.D
Acq: 31 May 2016 18:29

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	257530		
63	70.7	44.3	66.5#	
89	92.4	70.0	105.0	
182	2.3	1.8	2.6	





#57

Fluorene

Concen: 53.42 ng

RT: 13.20 min Scan# 1016

Delta R.T. 0.00 min

Lab File: BF087587.D

Acq: 31 May 2016 18:29

Instrument :

BNA_F

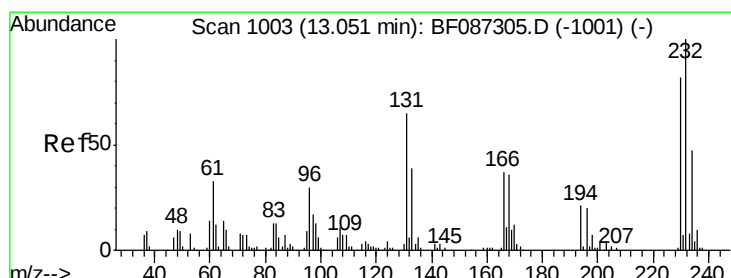
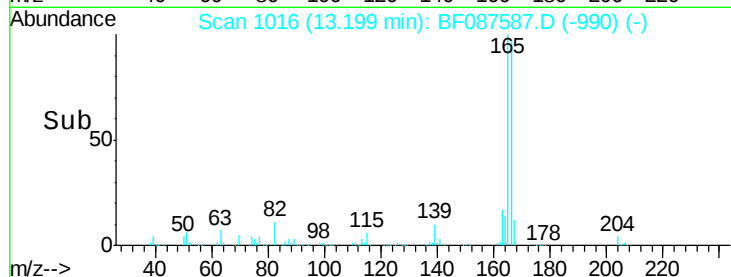
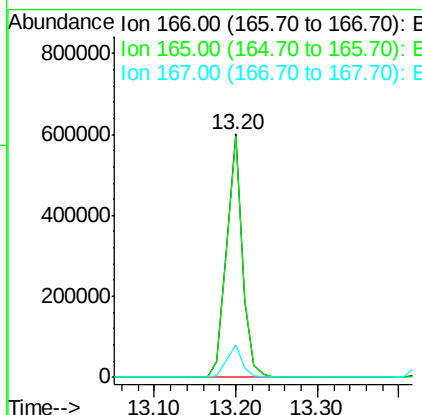
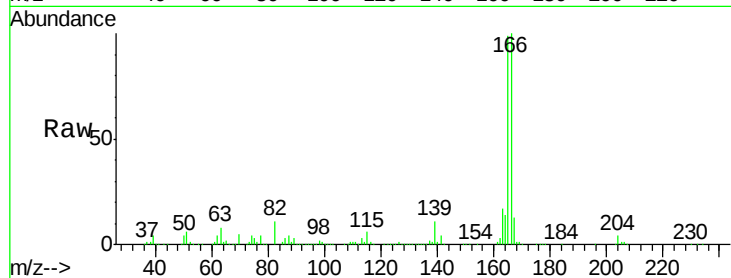
ClientSampleId :

HSR-WC-48-052616MS

Tot Ion:	166	Resp:	793205
Ion Ratio		Lower	Upper
166	100		
165	99.3	79.0	118.6
167	13.4	10.6	15.8

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#58

2,3,4,6-Tetrachlorophenol

Concen: 60.94 ng

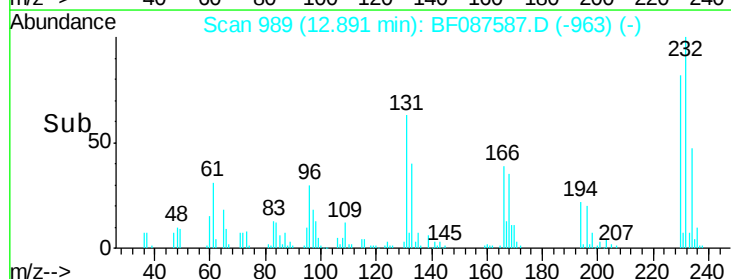
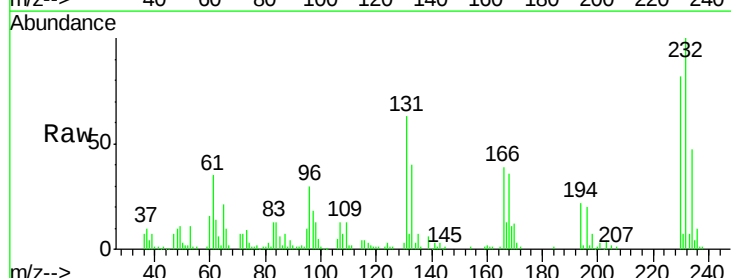
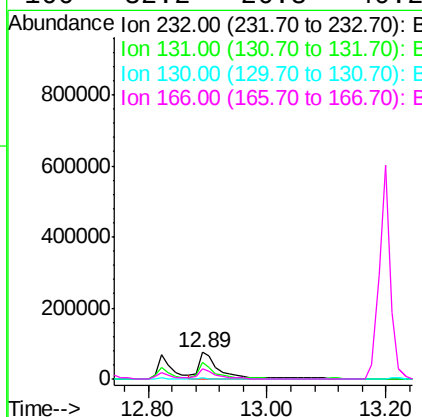
RT: 12.89 min Scan# 989

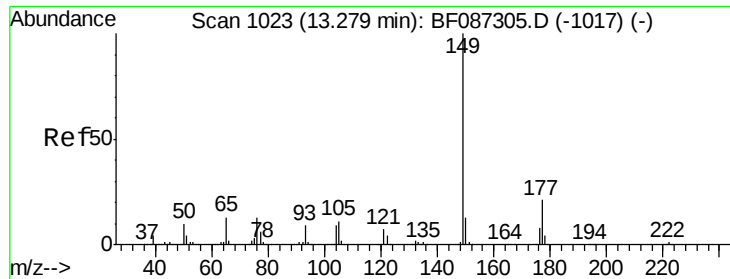
Delta R.T. 0.00 min

Lab File: BF087587.D

Acq: 31 May 2016 18:29

Tgt Ion:	232	Resp:	177957
Ion Ratio		Lower	Upper
232	100		
131	53.5	41.9	62.9
130	2.8	2.2	3.4
166	32.2	26.8	40.2





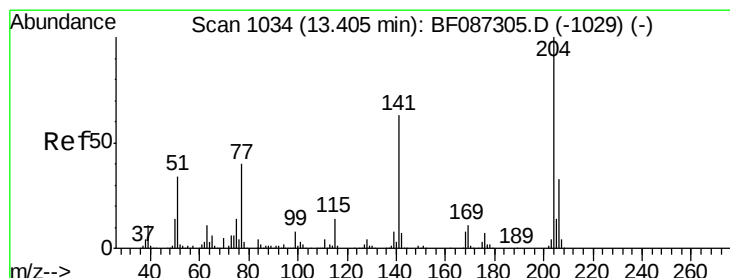
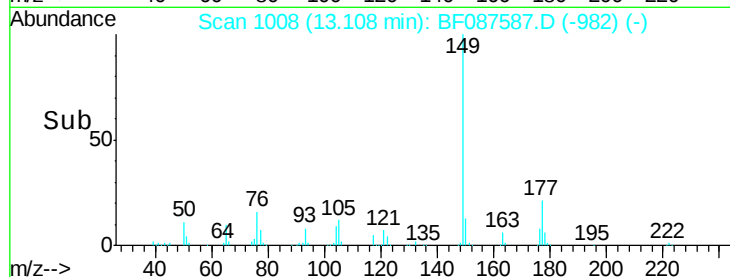
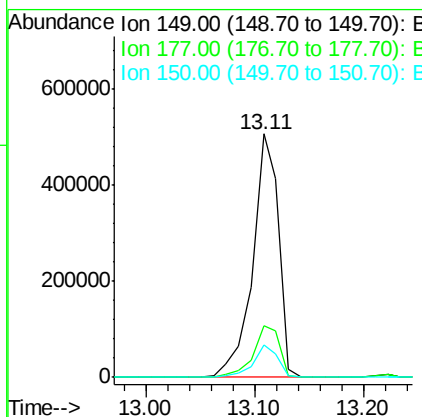
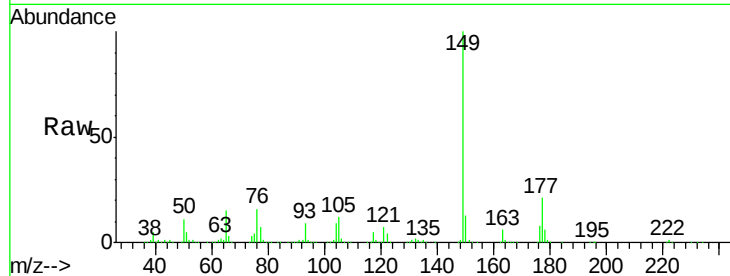
#59
Diethylphthalate
Concen: 53.42 ng
RT: 13.11 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BF087587.D
Acq: 31 May 2016 18:29

Instrument :
BNA_F
ClientSampleId :
HSR-WC-48-052616MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	839495		
177	21.3	16.6	24.8	
150	13.1	10.0	15.0	

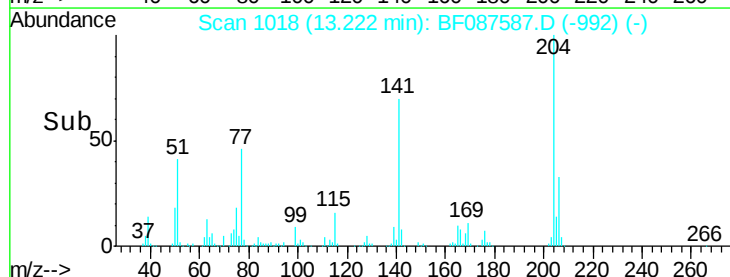
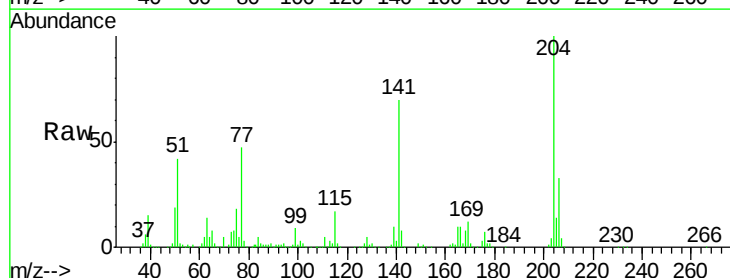
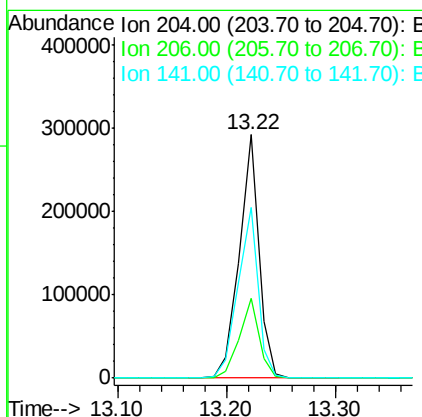
Manual Integrations
APPROVED

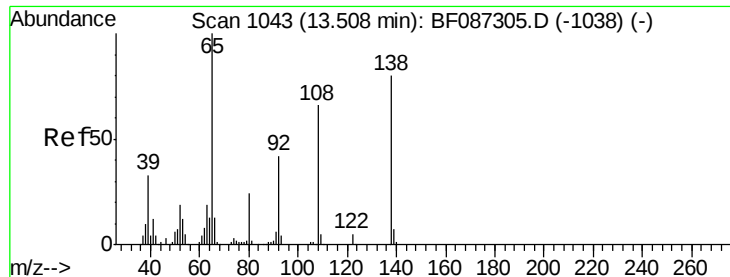
sohil
6/1/2016 6:34:13 PM



#60
4-Chlorophenyl-phenylether
Concen: 50.48 ng
RT: 13.22 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF087587.D
Acq: 31 May 2016 18:29

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	365468		
206	32.8	25.4	38.0	
141	70.1	61.6	92.4	





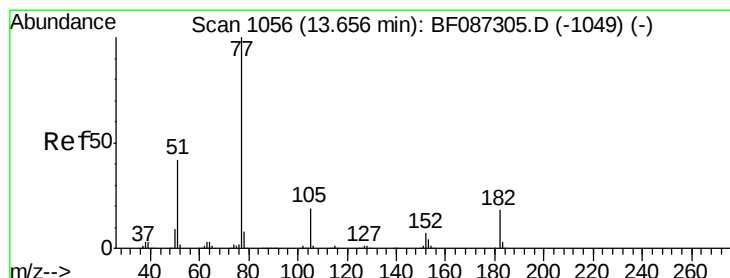
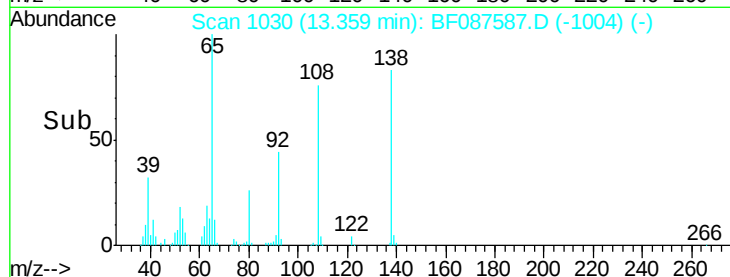
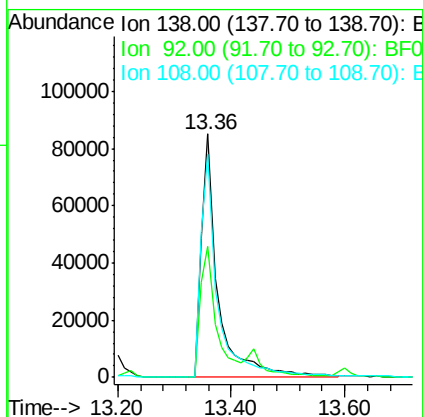
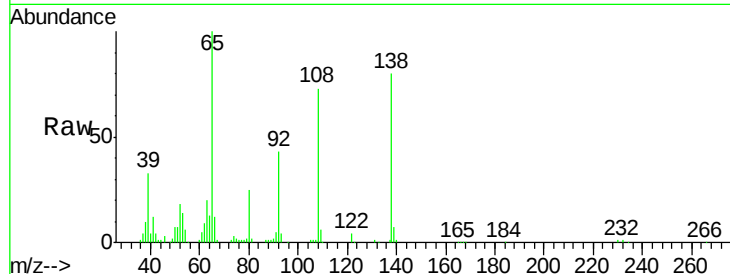
#61
4-Nitroaniline
Concen: 54.04 ng
RT: 13.36 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BF087587.D
Acq: 31 May 2016 18:29

Instrument :
BNA_F
ClientSampleId :
HSR-WC-48-052616MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	53.8	24.7	64.7
108	91.5	37.4	77.4

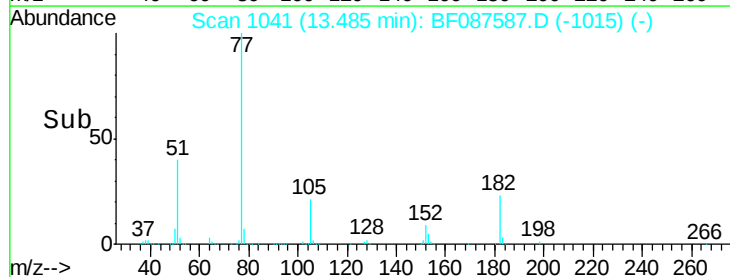
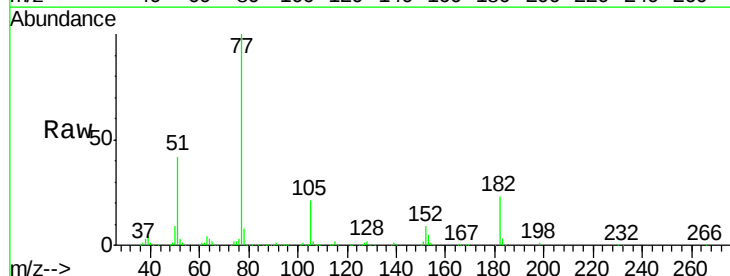
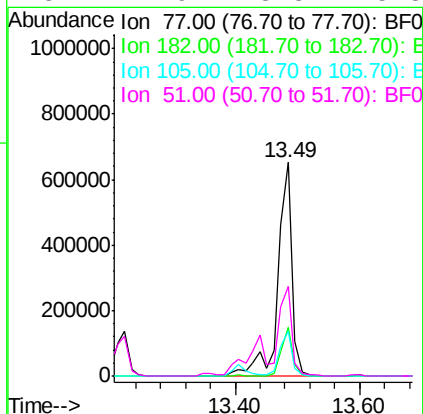
Manual Integrations
APPROVED

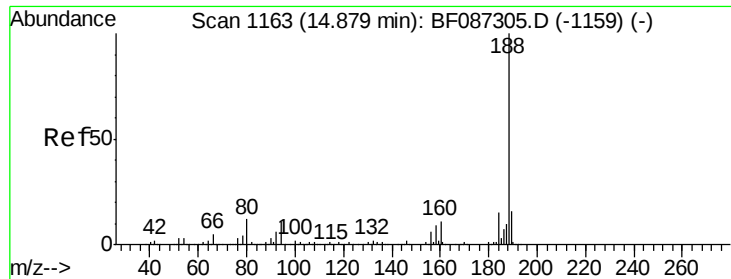
sohil
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#62
Azobenzene
Concen: 63.32 ng
RT: 13.49 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF087587.D
Acq: 31 May 2016 18:29

Tgt Ion	Ratio	Lower	Upper
77	100		
182	22.7	0.0	38.8
105	20.9	3.2	43.2
51	41.9	8.8	48.8





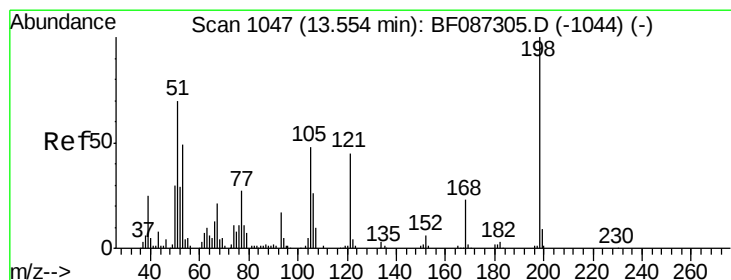
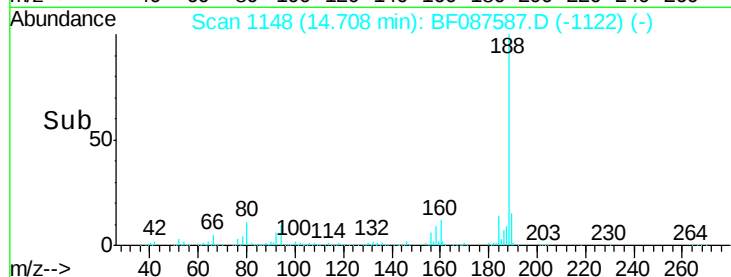
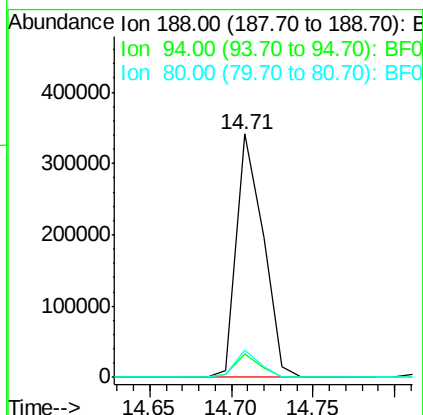
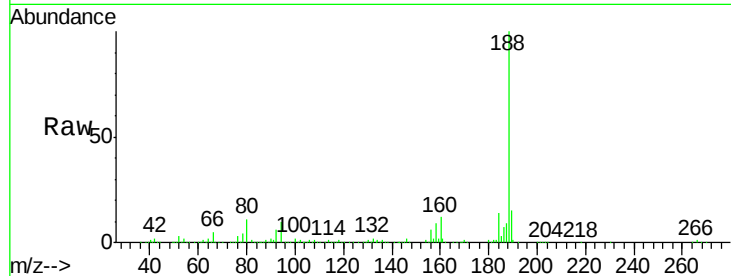
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.71 min Scan# 1148
Delta R.T. 0.00 min
Lab File: BF087587.D
Acq: 31 May 2016 18:29

Instrument :
BNA_F
ClientSampleId :
HSR-WC-48-052616MS

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.8	6.8	10.2
80	11.0	7.1	10.7

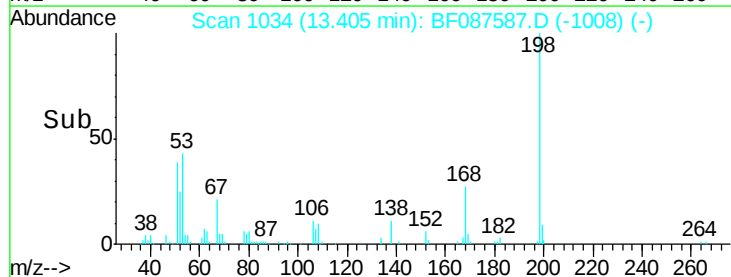
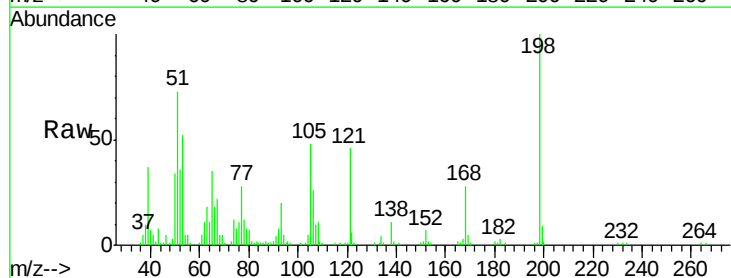
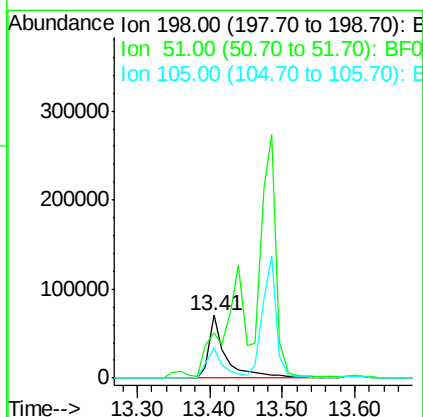
Manual Integrations
APPROVED

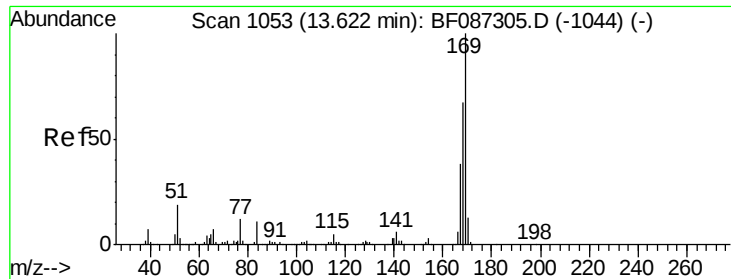
sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 47.96 ng
RT: 13.41 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF087587.D
Acq: 31 May 2016 18:29

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	72.8	20.5	60.5
105	48.0	24.5	64.5





#65

n-Nitrosodiphenylamine

Concen: 53.06 ng

RT: 13.44 min Scan# 1037

Delta R.T. 0.00 min

Lab File: BF087587.D

Acq: 31 May 2016 18:29

Instrument :

BNA_F

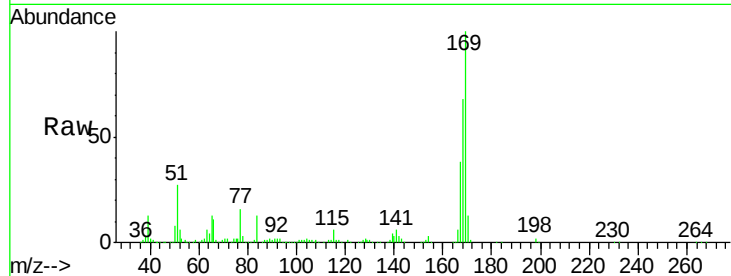
ClientSampleId :

HSR-WC-48-052616MS

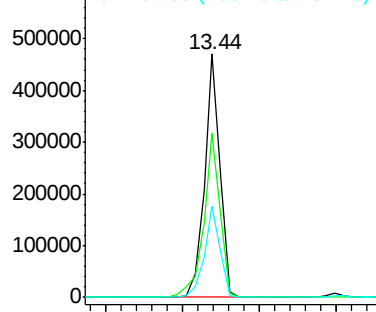
Tot Ion:	169	Resp:	665657
Ion Ratio	Lower	Upper	
169	100		
168	67.7	53.8	80.6
167	37.7	29.5	44.3

Manual Integrations
APPROVED

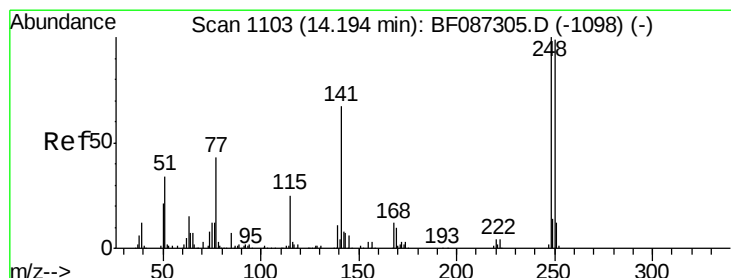
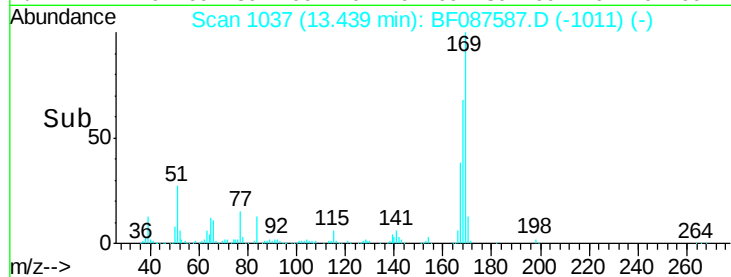
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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



Time--> 13.30 13.40 13.50 13.60



#66

4-Bromophenyl-phenylether

Concen: 51.70 ng

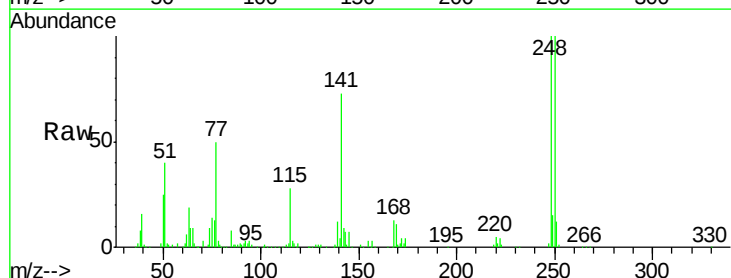
RT: 14.01 min Scan# 1087

Delta R.T. 0.00 min

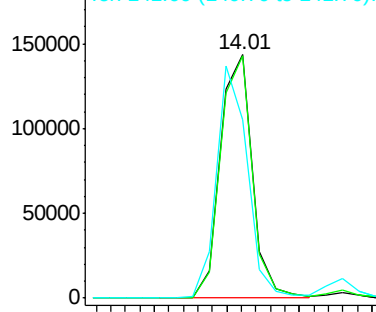
Lab File: BF087587.D

Acq: 31 May 2016 18:29

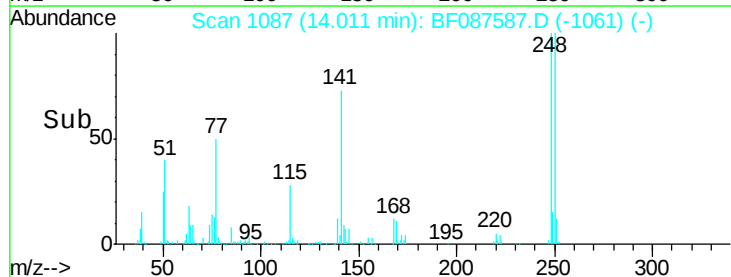
Tgt Ion:	248	Resp:	219404
Ion Ratio	Lower	Upper	
248	100		
250	99.6	78.6	117.8
141	73.2	76.0	114.0#

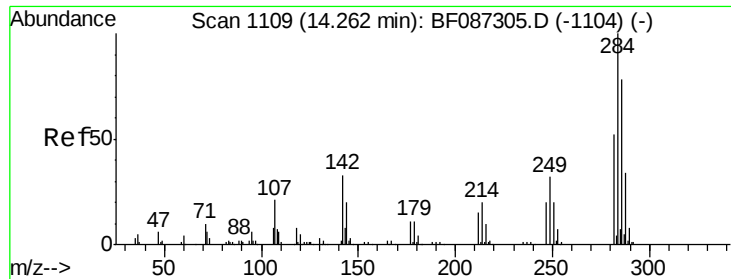


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E



Time--> 13.95 14.00 14.05





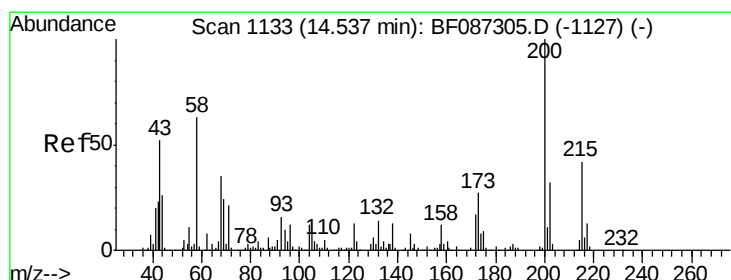
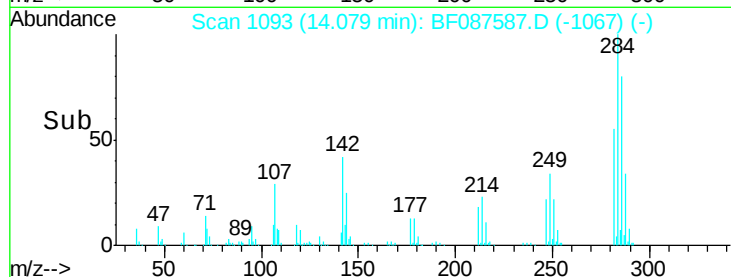
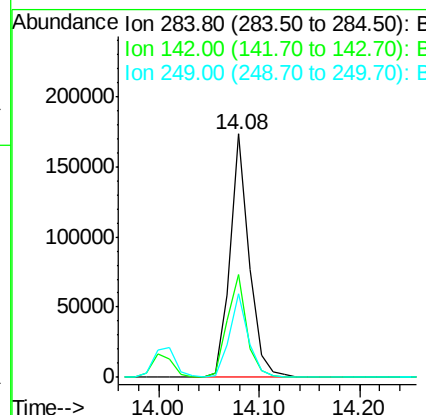
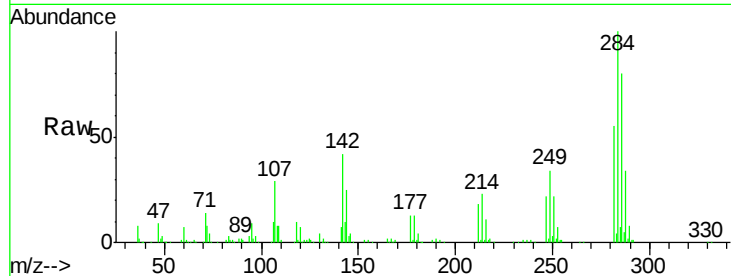
#67
Hexachlorobenzene
Concen: 51.72 ng
RT: 14.08 min Scan# 1093
Delta R.T. 0.00 min
Lab File: BF087587.D
Acq: 31 May 2016 18:29

Instrument :
BNA_F
ClientSampleId :
HSR-WC-48-052616MS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	42.2	16.7	25.1	
249	34.3	21.3	31.9	

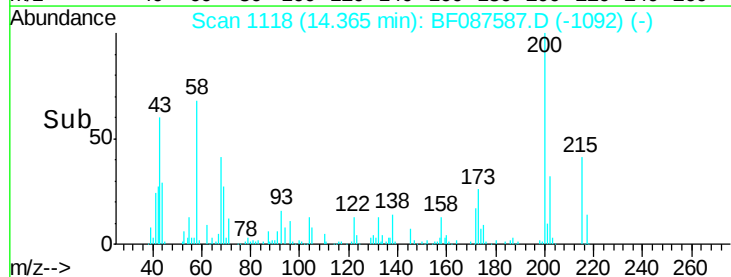
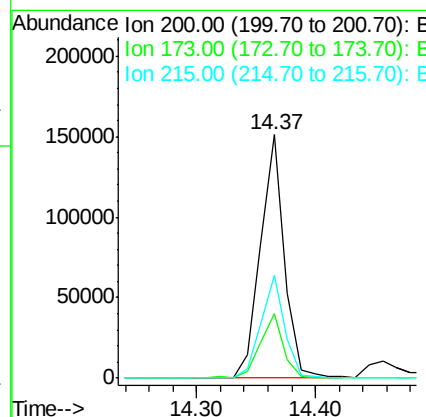
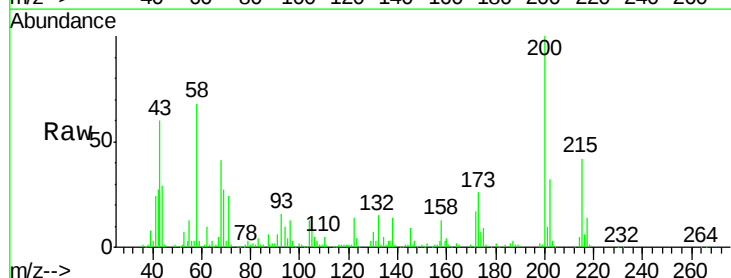
Manual Integrations
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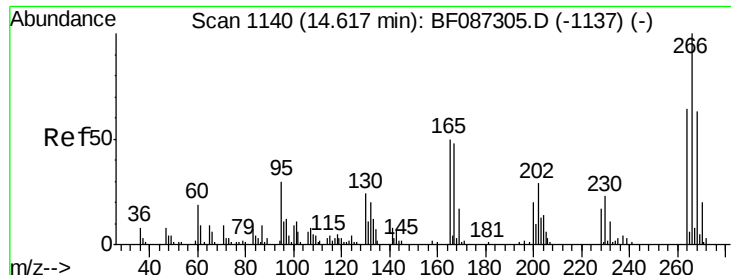
sohil
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#68
Atrazine
Concen: 53.31 ng
RT: 14.37 min Scan# 1118
Delta R.T. 0.00 min
Lab File: BF087587.D
Acq: 31 May 2016 18:29

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	26.4	8.5	48.5	
215	42.1	27.2	67.2	





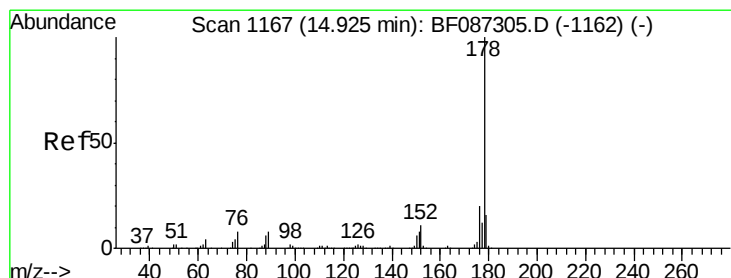
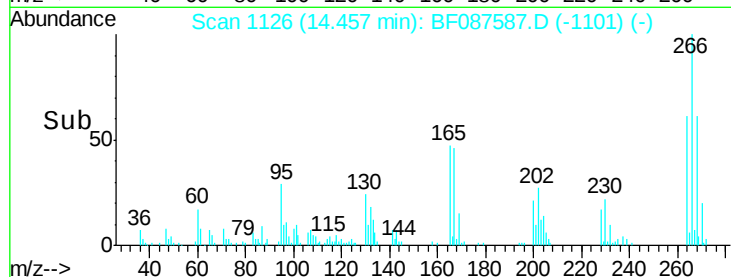
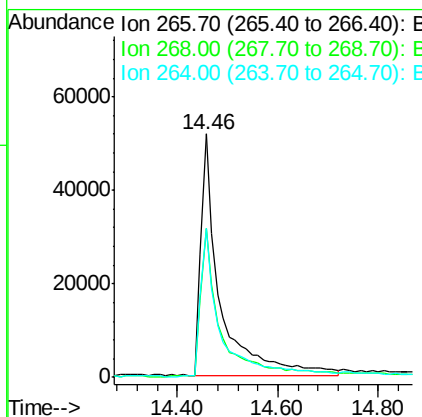
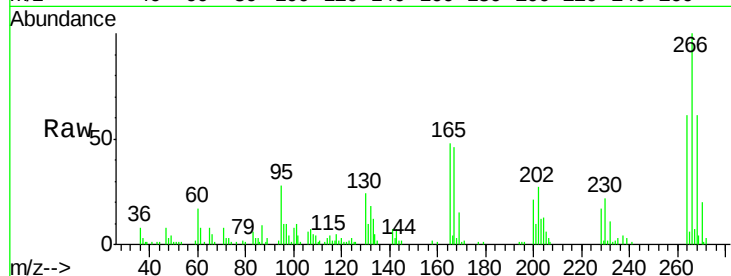
#69
 Pentachlorophenol
 Concen: 97.83 ng
 RT: 14.46 min Scan# 1126
 Delta R.T. -0.01 min
 Lab File: BF087587.D
 Acq: 31 May 2016 18:29

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-48-052616MS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	137018		
268	61.2	51.5	77.3	
264	61.3	52.9	79.3	

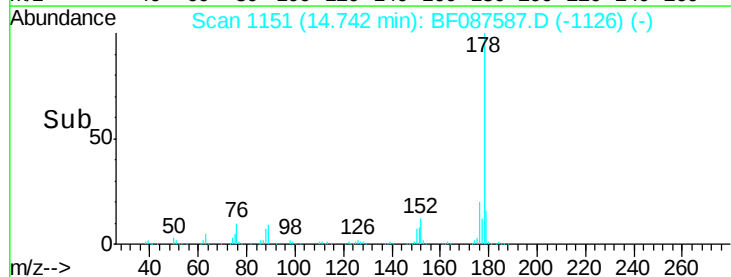
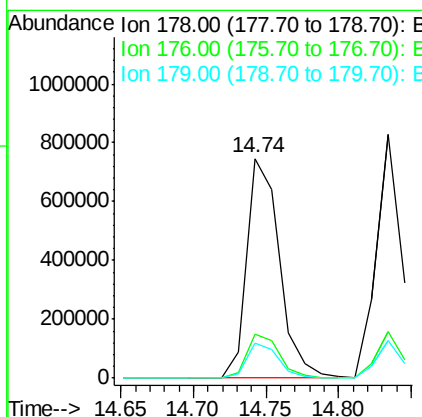
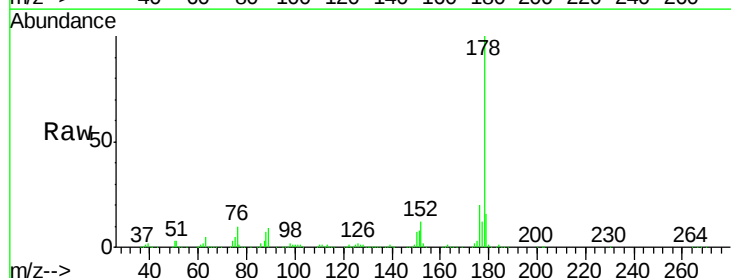
Manual Integrations
 APPROVED

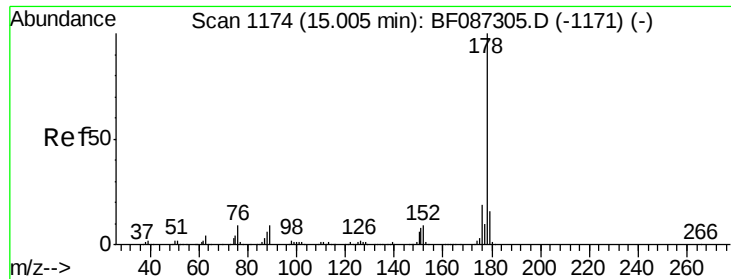
sohil
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#70
 Phenanthrene
 Concen: 54.20 ng
 RT: 14.74 min Scan# 1151
 Delta R.T. -0.01 min
 Lab File: BF087587.D
 Acq: 31 May 2016 18:29

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1164648		
176	19.8	16.0	24.0	
179	15.8	12.6	18.8	





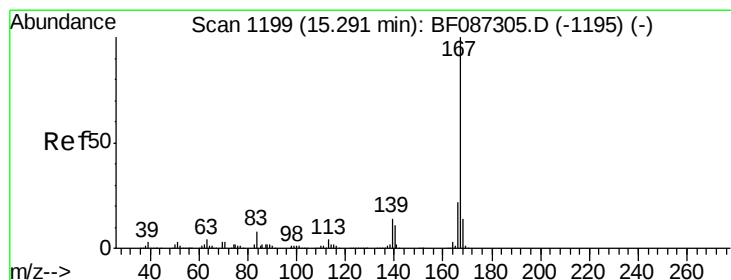
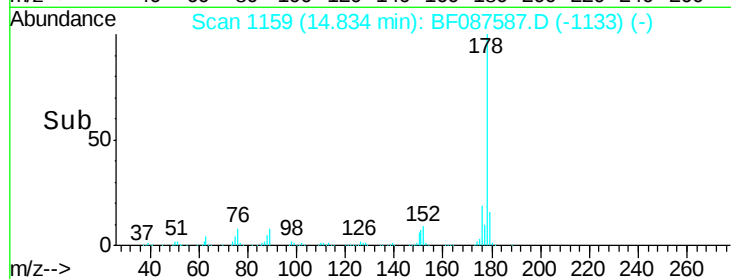
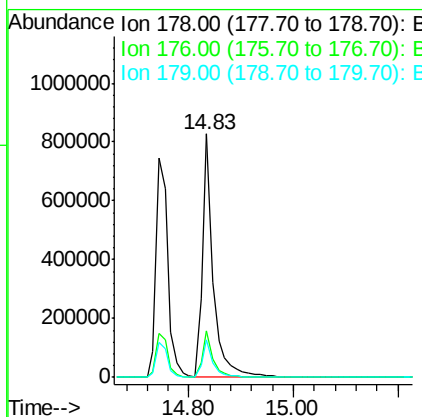
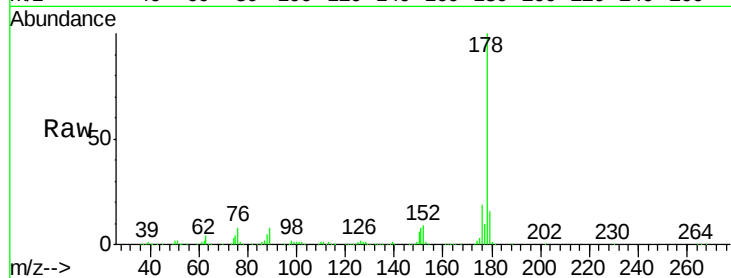
#71
 Anthracene
 Concen: 55.03 ng
 RT: 14.83 min Scan# 1159
 Delta R.T. 0.00 min
 Lab File: BF087587.D
 Acq: 31 May 2016 18:29

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-48-052616MS

Tot Ion:178 Resp: 1194638
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.6 23.4
 179 15.6 12.7 19.1

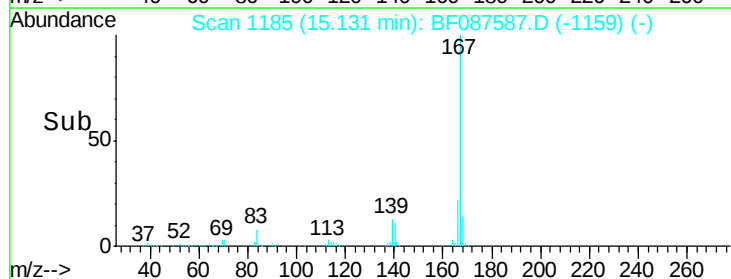
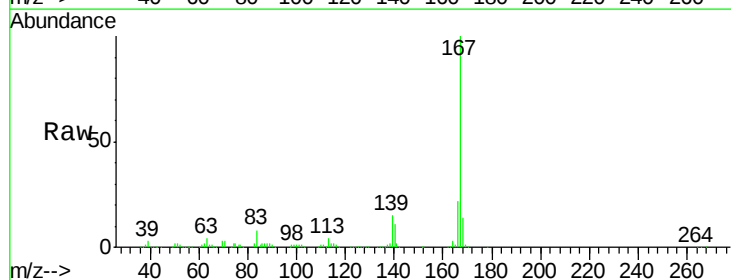
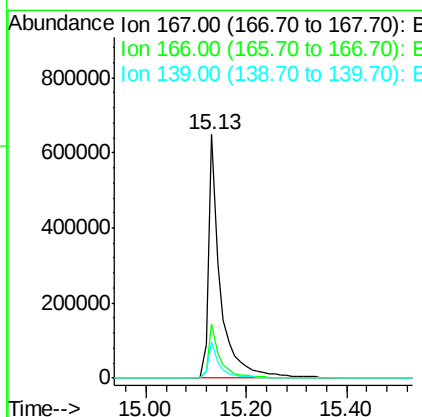
Manual Integrations
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#72
 Carbazole
 Concen: 56.79 ng
 RT: 15.13 min Scan# 1185
 Delta R.T. 0.00 min
 Lab File: BF087587.D
 Acq: 31 May 2016 18:29

Tgt Ion:167 Resp: 1051419
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.7 26.5
 139 14.8 10.8 16.2





#73

Di-n-butylphthalate

Concen: 53.90 ng

RT: 15.69 min Scan# 1234

Delta R.T. -0.01 min

Lab File: BF087587.D

Acq: 31 May 2016 18:29

Instrument :

BNA_F

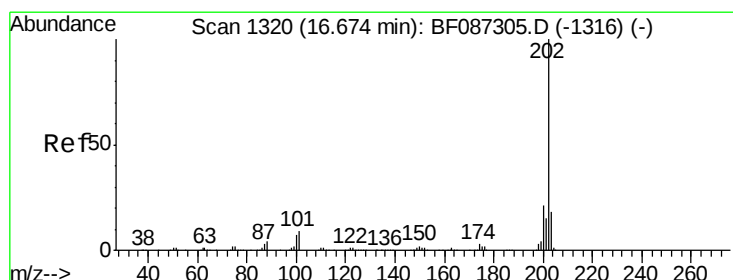
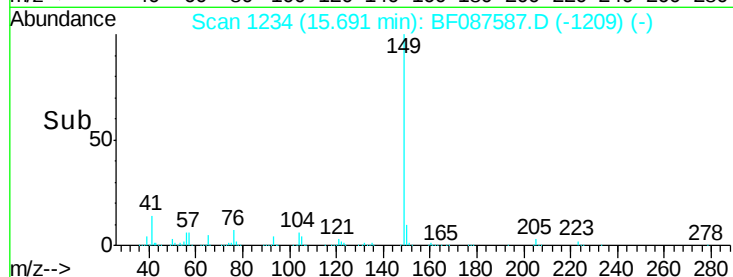
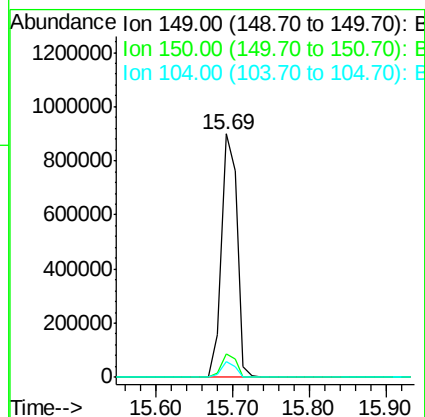
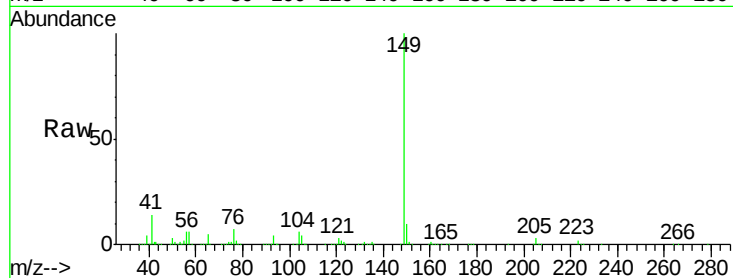
ClientSampleId :

HSR-WC-48-052616MS

Tot Ion:	149	Resp:	1290533
Ion Ratio	Lower	Upper	
149	100		
150	9.6	7.6	11.4
104	6.4	3.8	5.6

Manual Integrations
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#74

Fluoranthene

Concen: 57.29 ng

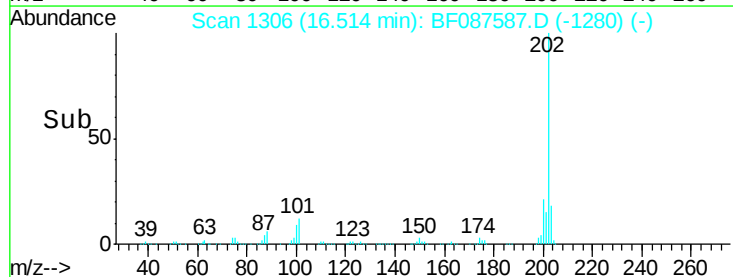
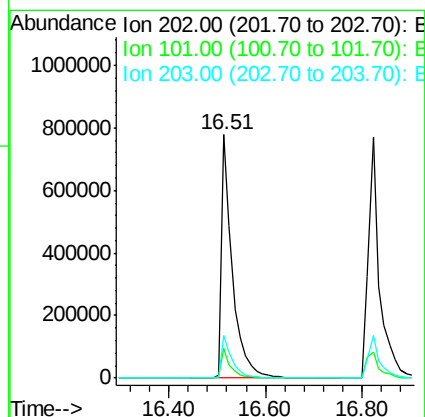
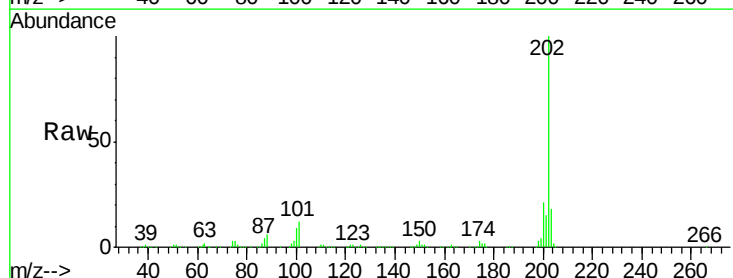
RT: 16.51 min Scan# 1306

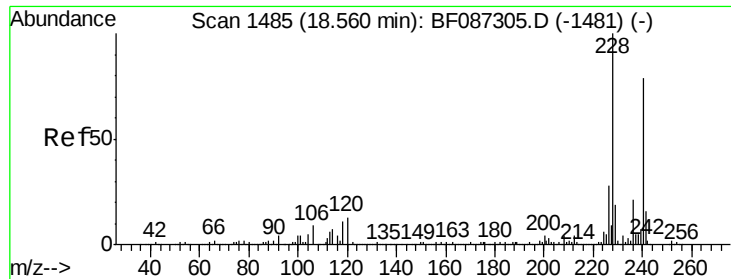
Delta R.T. 0.00 min

Lab File: BF087587.D

Acq: 31 May 2016 18:29

Tgt Ion:	202	Resp:	1234604
Ion Ratio	Lower	Upper	
202	100		
101	12.1	0.0	35.4
203	17.8	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.42 min Scan# 1473

Delta R.T. 0.00 min

Lab File: BF087587.D

Acq: 31 May 2016 18:29

Instrument :

BNA_F

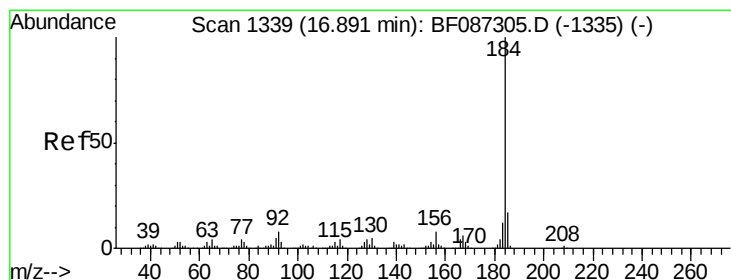
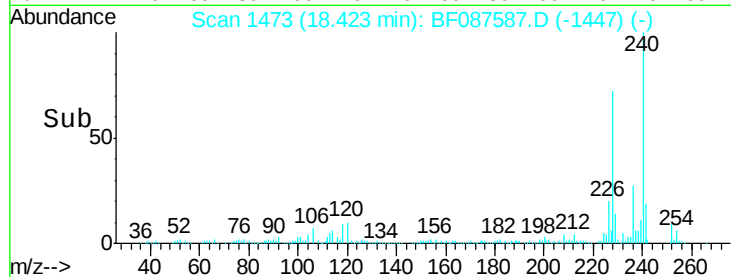
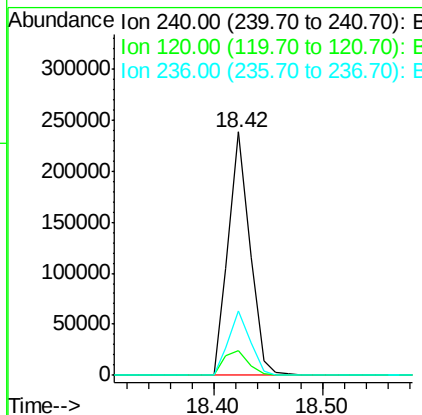
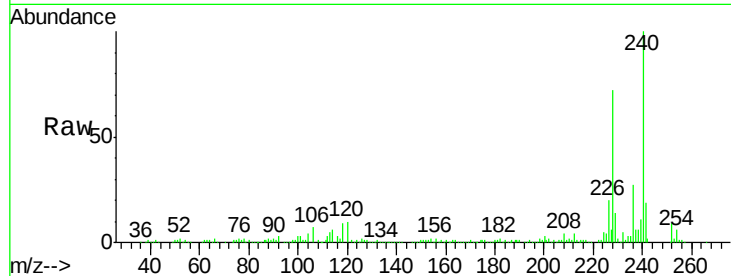
ClientSampleId :

HSR-WC-48-052616MS

Tot Ion:	240	Resp:	329382
Ion Ratio		Lower	Upper
240	100		
120	10.1	11.2	16.8#
236	26.6	21.2	31.8

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#76

Benzidine

Concen: 13.80 ng

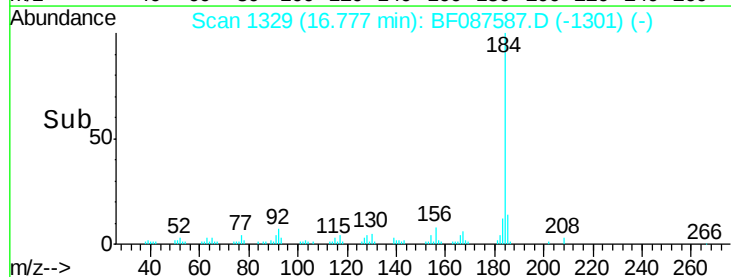
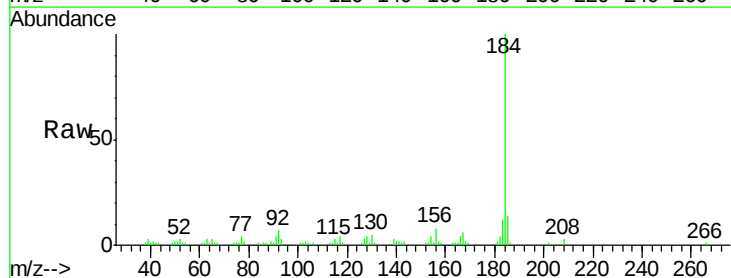
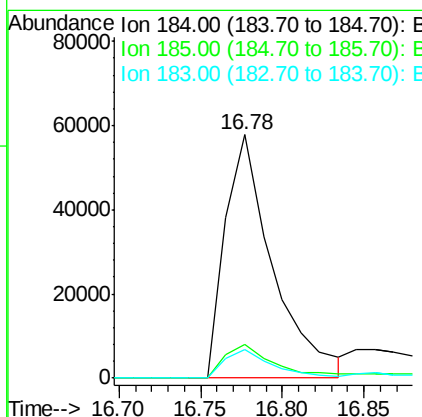
RT: 16.78 min Scan# 1329

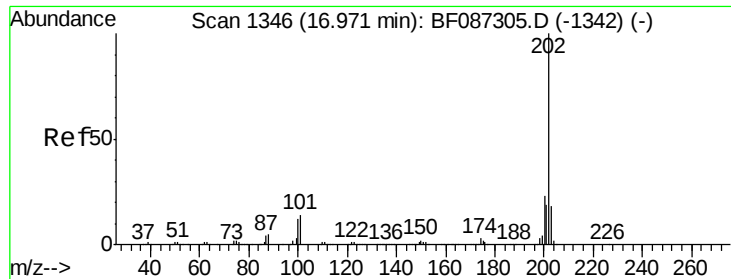
Delta R.T. 0.02 min

Lab File: BF087587.D

Acq: 31 May 2016 18:29

Tgt Ion:	184	Resp:	116929
Ion Ratio		Lower	Upper
184	100		
185	14.1	13.6	20.4
183	11.9	9.8	14.6





#77

Pvrene

Concen: 51.61 ng

RT: 16.82 min Scan# 1333

Delta R.T. 0.00 min

Lab File: BF087587.D

Acq: 31 May 2016 18:29

Instrument :

BNA_F

ClientSampleId :

HSR-WC-48-052616MS

Tot Ion:202 Resp: 1223680

Ion Ratio Lower Upper

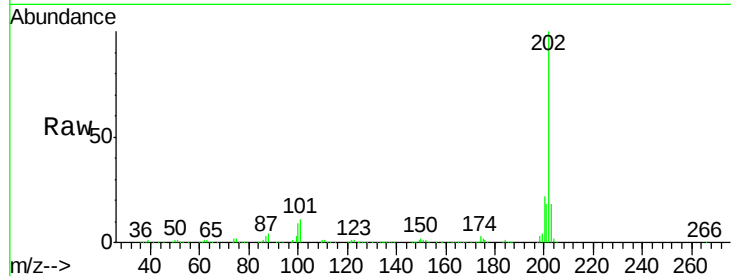
202 100

200 21.9 17.7 26.5

203 17.6 14.2 21.4

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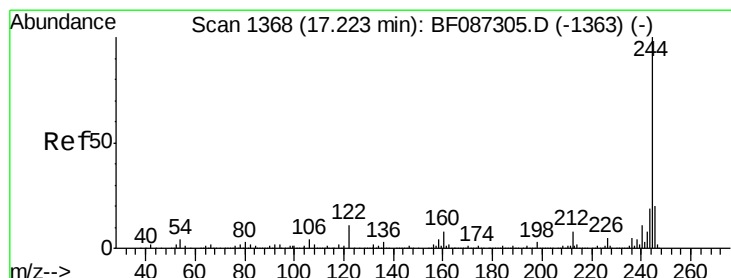
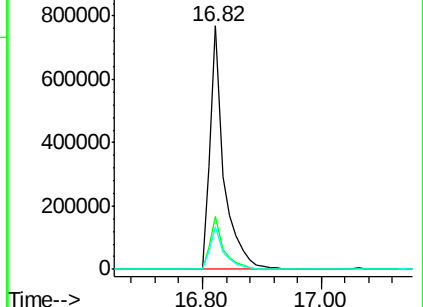
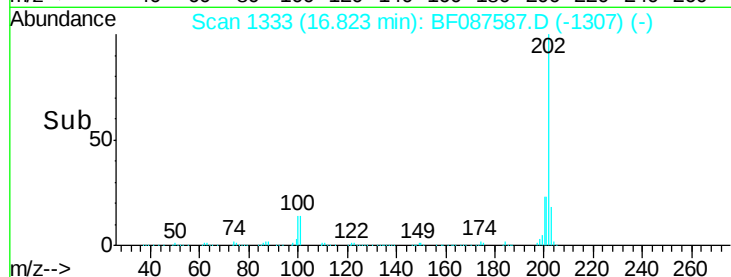
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 89.72 ng

RT: 17.06 min Scan# 1354

Delta R.T. 0.00 min

Lab File: BF087587.D

Acq: 31 May 2016 18:29

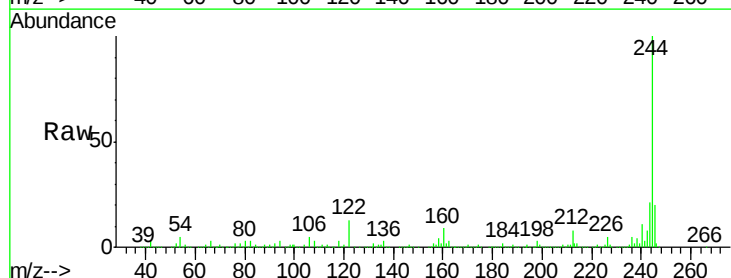
Tgt Ion:244 Resp: 1390078

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

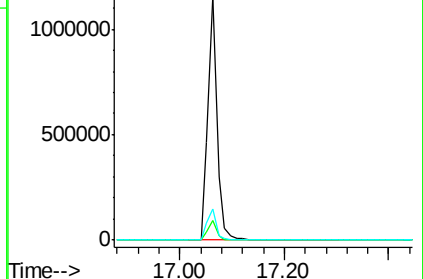
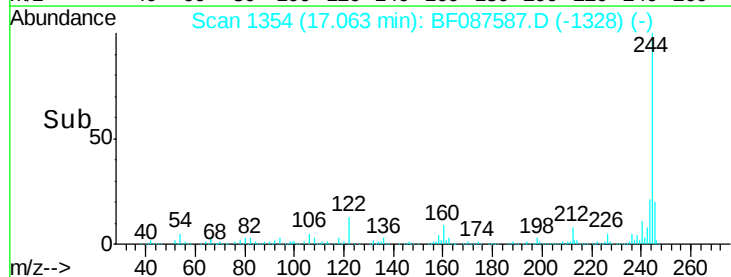
122 12.8 12.0 18.0

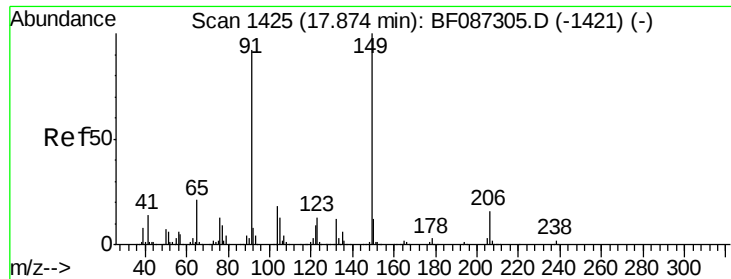


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 51.39 ng

RT: 17.73 min Scan# 1412

Delta R.T. 0.00 min

Lab File: BF087587.D

Acq: 31 May 2016 18:29

Instrument :

BNA_F

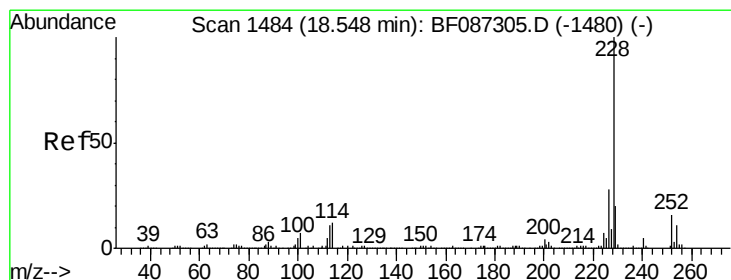
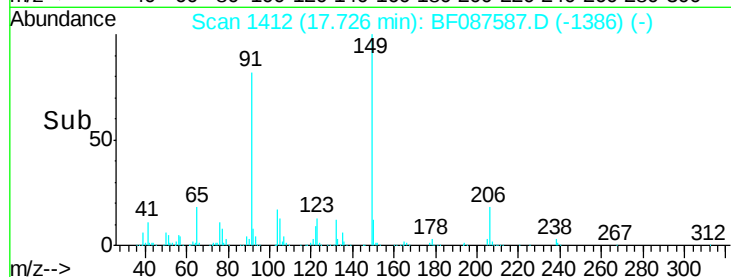
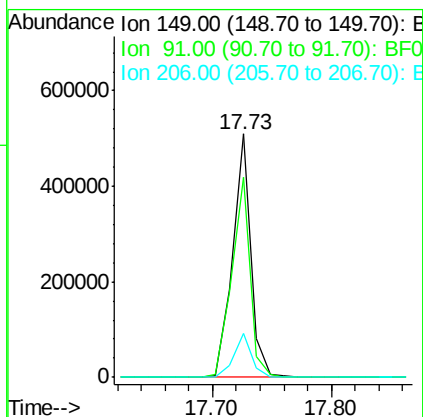
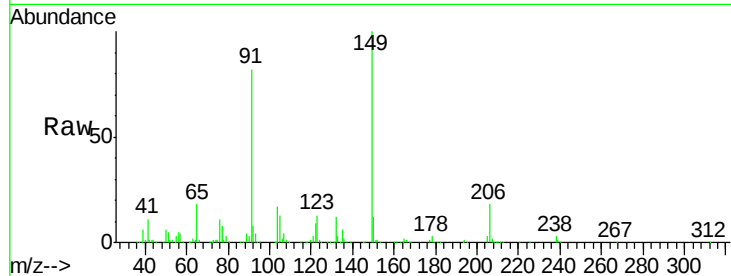
ClientSampleId :

HSR-WC-48-052616MS

Tot Ion:	149	Resp:	540372
Ion Ratio	Lower	Upper	
149	100		
91	82.1	48.0	72.0#
206	18.0	15.8	23.6

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#80

Benzo(a)anthracene

Concen: 54.36 ng

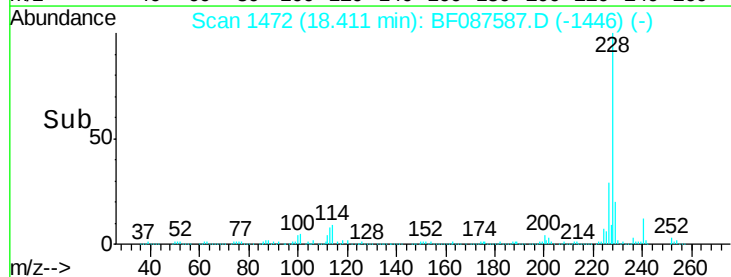
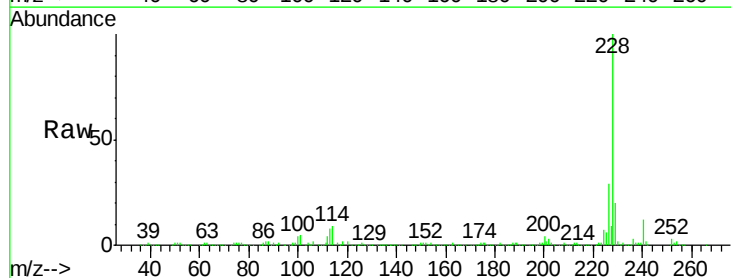
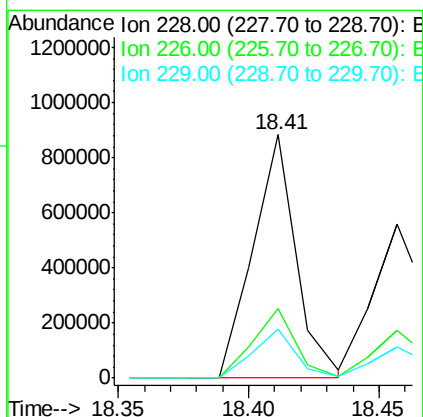
RT: 18.41 min Scan# 1472

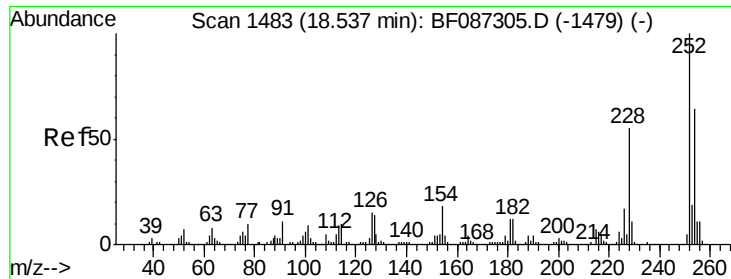
Delta R.T. 0.00 min

Lab File: BF087587.D

Acq: 31 May 2016 18:29

Tgt Ion:	228	Resp:	1018539
Ion Ratio	Lower	Upper	
228	100		
226	28.8	22.5	33.7
229	20.2	16.6	25.0





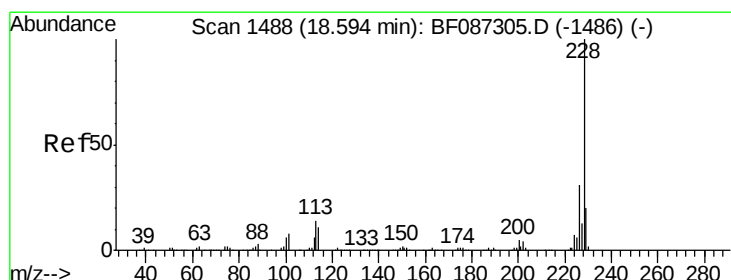
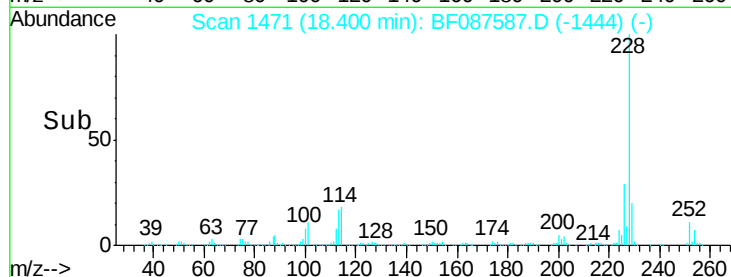
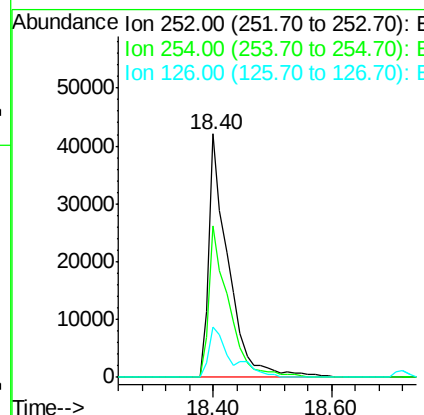
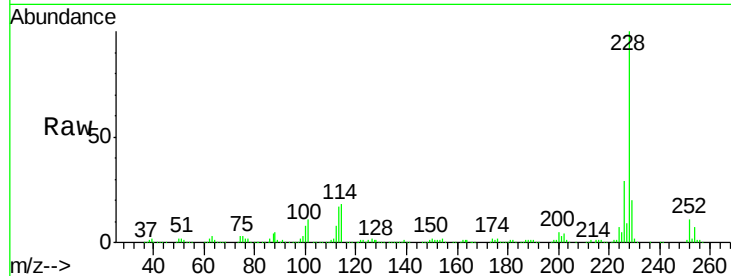
#81
 3,3'-Dichlorobenzidine
 Concen: 9.35 ng
 RT: 18.40 min Scan# 1471
 Delta R.T. 0.01 min
 Lab File: BF087587.D
 Acq: 31 May 2016 18:29

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-48-052616MS

Tot Ion	Ratio	Lower	Upper
252	100		
254	62.1	50.7	76.1
126	20.5	12.7	19.1

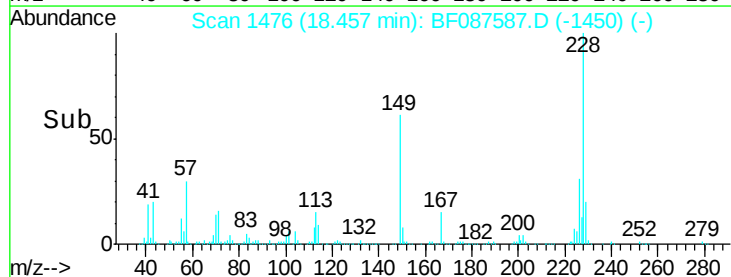
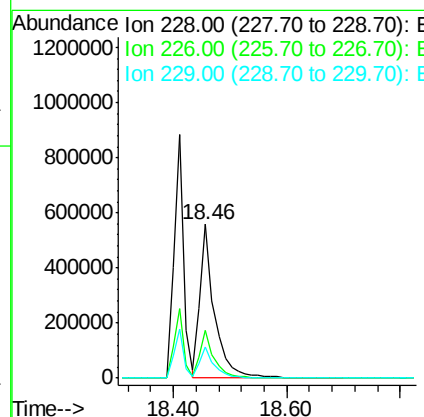
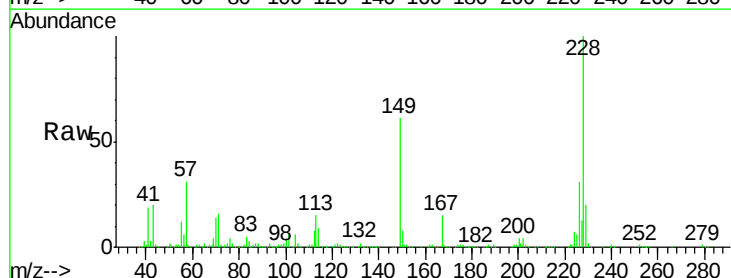
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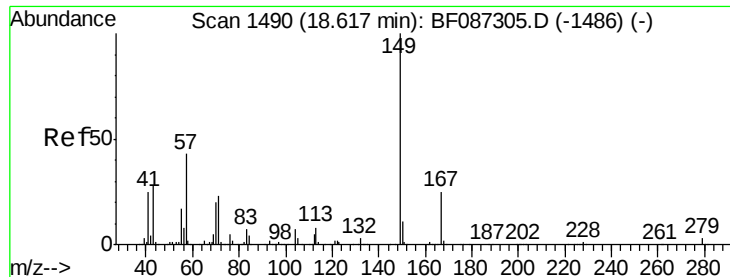
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#82
 Chrysene
 Concen: 53.03 ng
 RT: 18.46 min Scan# 1476
 Delta R.T. 0.00 min
 Lab File: BF087587.D
 Acq: 31 May 2016 18:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.4	36.6
229	19.9	15.8	23.8





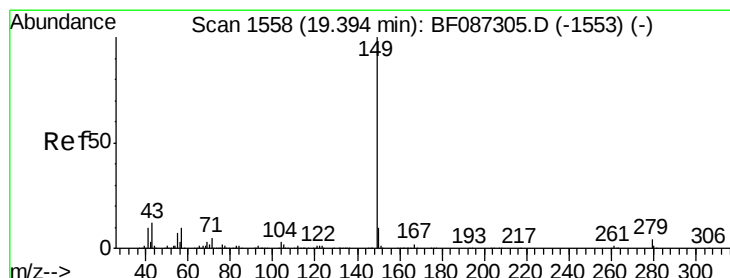
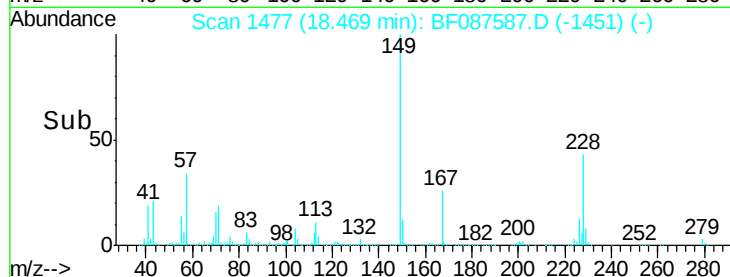
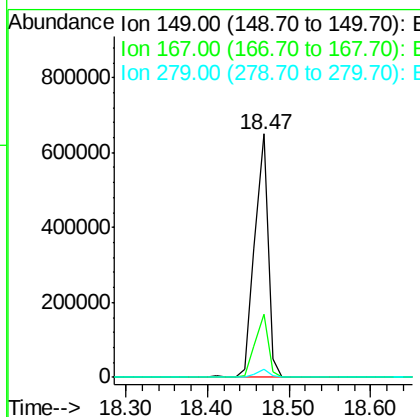
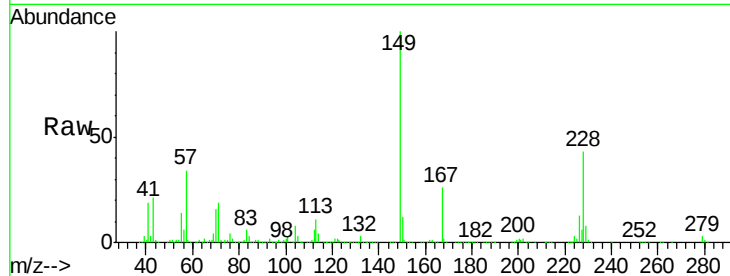
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.08 ng
 RT: 18.47 min Scan# 1477
 Delta R.T. 0.00 min
 Lab File: BF087587.D
 Acq: 31 May 2016 18:29

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-48-052616MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
149	100		737613		
167	26.0		21.8	32.6	
279	3.3		2.6	4.0	

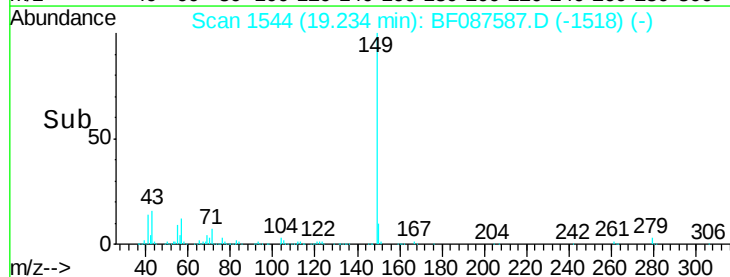
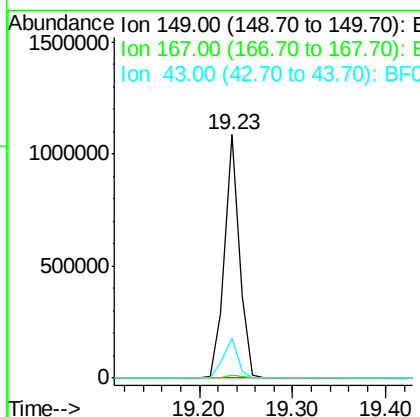
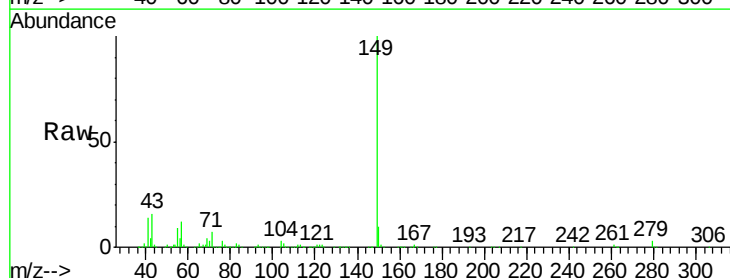
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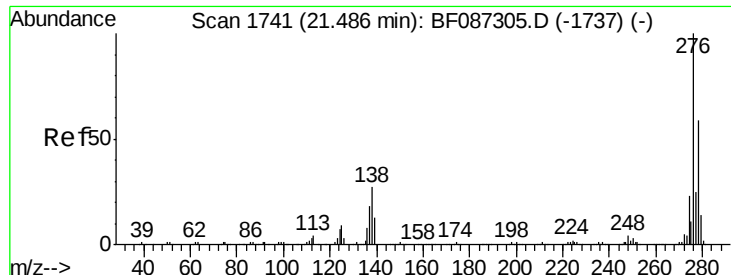
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#84
 Di-n-octyl phthalate
 Concen: 51.77 ng
 RT: 19.23 min Scan# 1544
 Delta R.T. 0.00 min
 Lab File: BF087587.D
 Acq: 31 May 2016 18:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		1211257		
167	1.6		1.2	1.8	
43	16.3		8.2	12.4#	





#85

Indeno(1,2,3-cd)pyrene

Concen: 48.55 ng

RT: 21.31 min Scan# 1726

Delta R.T. 0.00 min

Lab File: BF087587.D

Acq: 31 May 2016 18:29

Instrument :

BNA_F

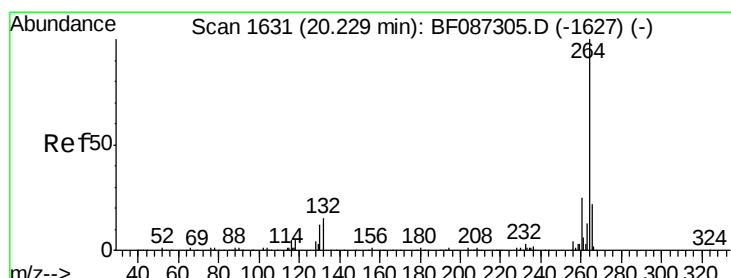
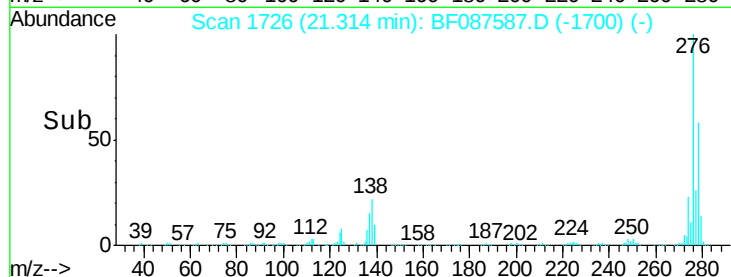
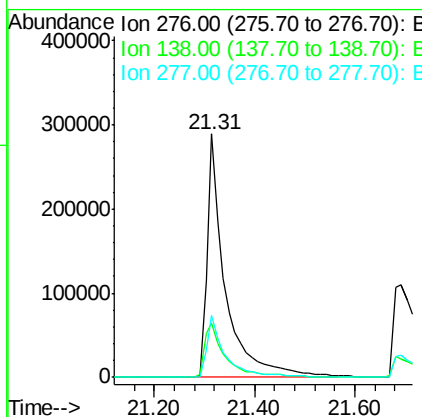
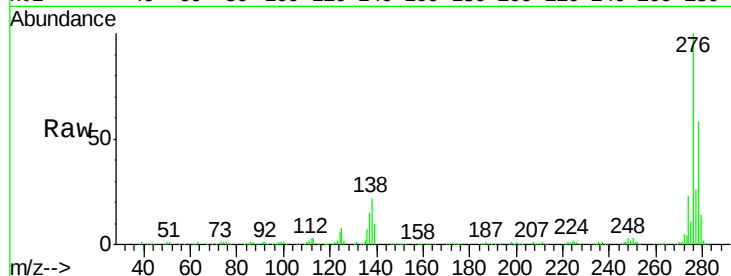
ClientSampleId :

HSR-WC-48-052616MS

Tot Ion:	276	Resp:	723653
Ion Ratio	Lower	Upper	
276	100		
138	26.0	25.6	38.4
277	25.8	20.5	30.7

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#86

Perylene-d12

Concen: 20.00 ng

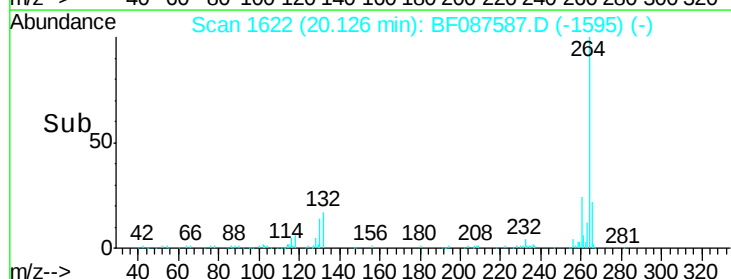
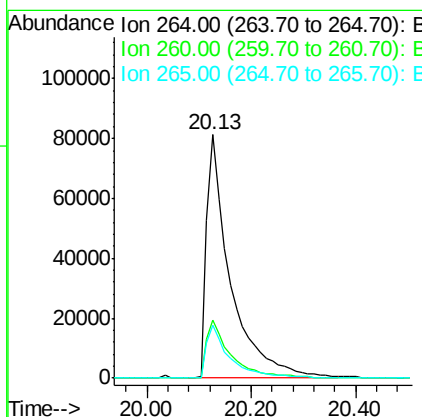
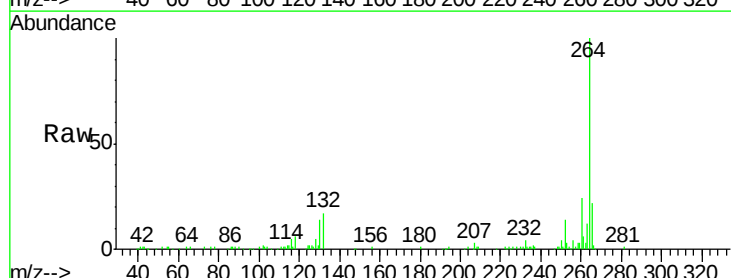
RT: 20.13 min Scan# 1622

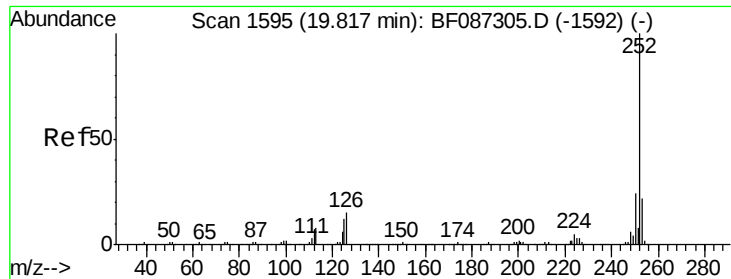
Delta R.T. 0.01 min

Lab File: BF087587.D

Acq: 31 May 2016 18:29

Tgt Ion:	264	Resp:	257362
Ion Ratio	Lower	Upper	
264	100		
260	23.8	19.5	29.3
265	21.7	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 47.87 ng m

RT: 19.69 min Scan# 1584

Delta R.T. 0.00 min

Lab File: BF087587.D

Acq: 31 May 2016 18:29

Instrument :

BNA_F

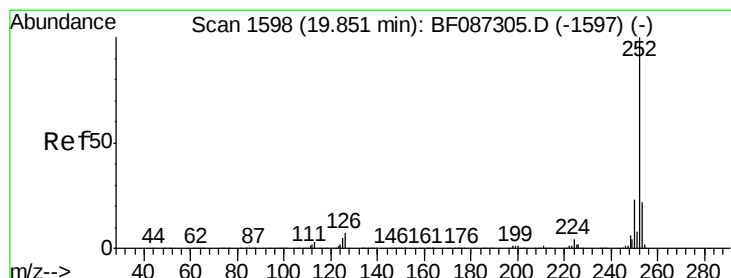
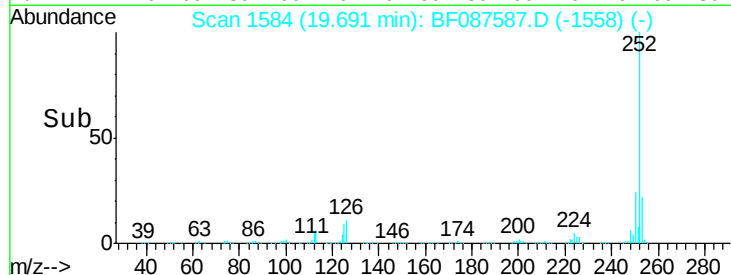
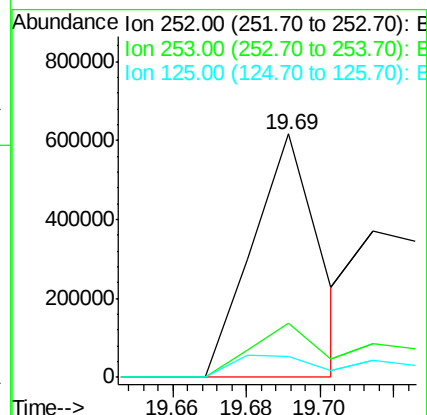
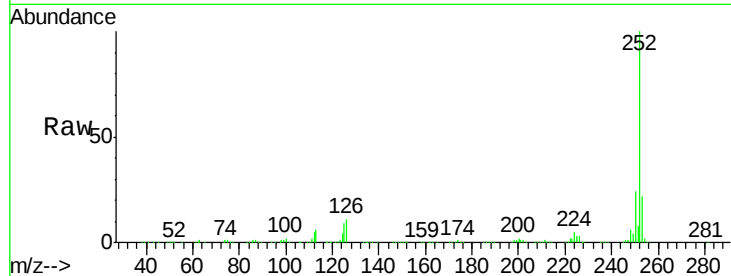
ClientSampleId :

HSR-WC-48-052616MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.6
125	8.7	11.4	17.0

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#88

Benzo(k)fluoranthene

Concen: 68.02 ng m

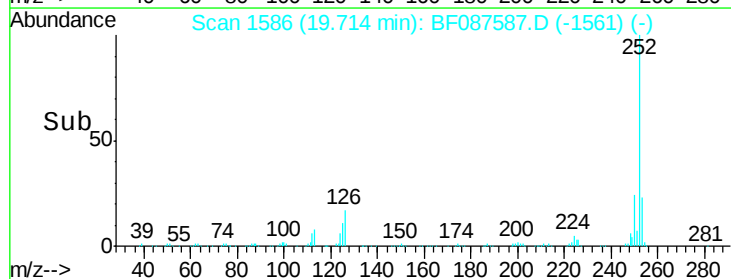
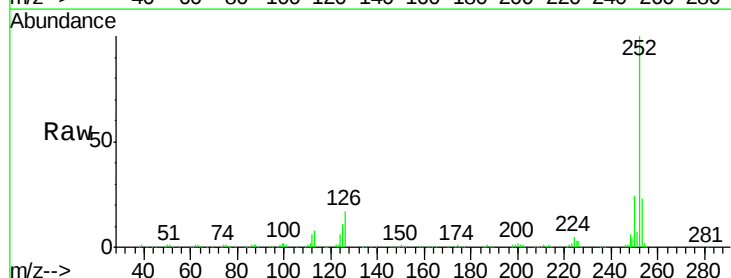
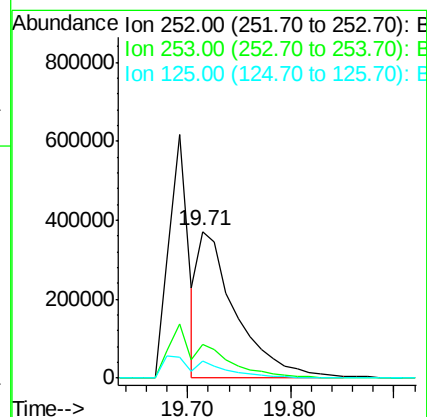
RT: 19.71 min Scan# 1586

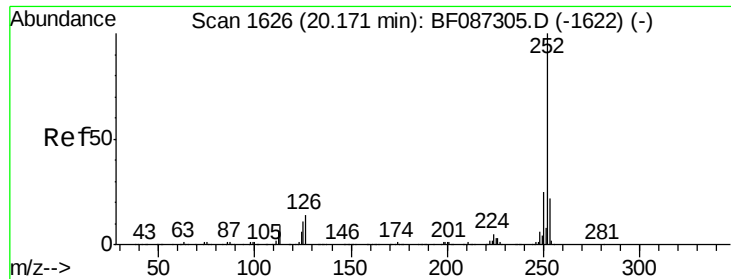
Delta R.T. -0.01 min

Lab File: BF087587.D

Acq: 31 May 2016 18:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.6
125	11.3	9.1	13.7





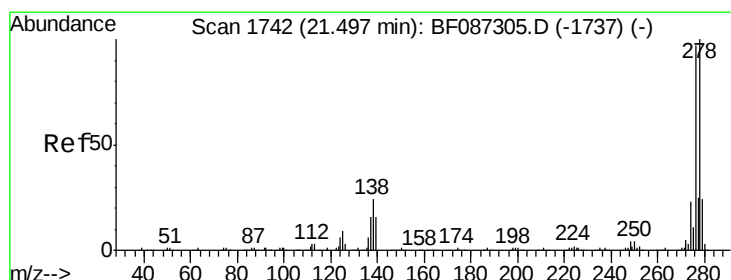
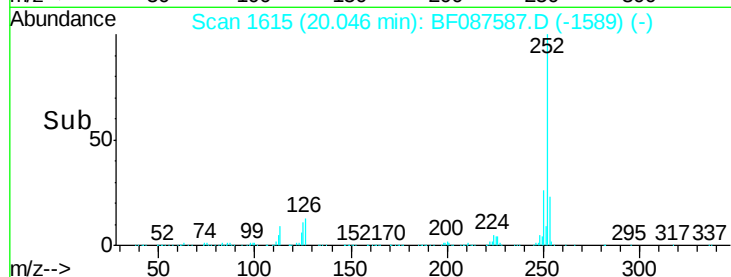
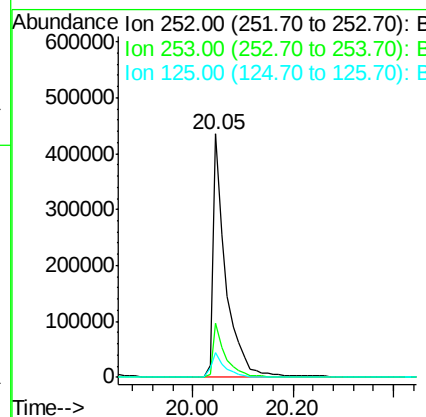
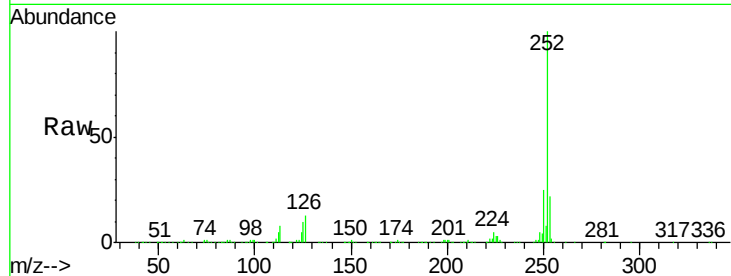
#89
Benzo(a)pyrene
Concen: 53.81 ng
RT: 20.05 min Scan# 1615
Delta R.T. 0.00 min
Lab File: BF087587.D
Acq: 31 May 2016 18:29

Instrument :
BNA_F
ClientSampleId :
HSR-WC-48-052616MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.2	25.8
125	10.3	9.0	13.6

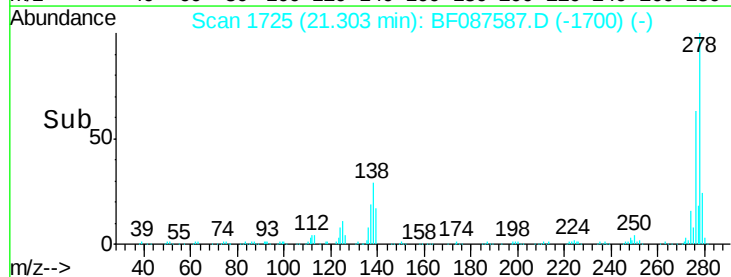
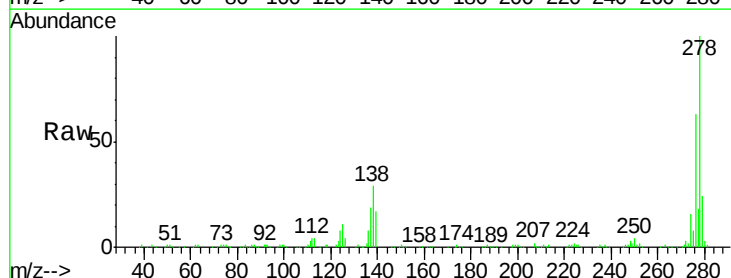
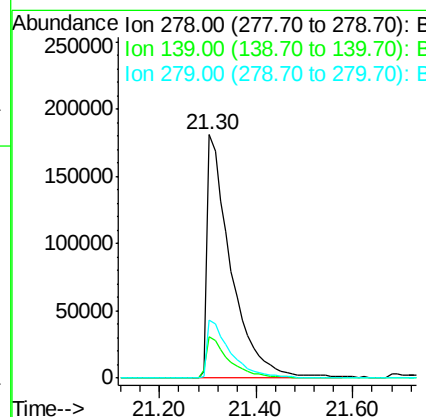
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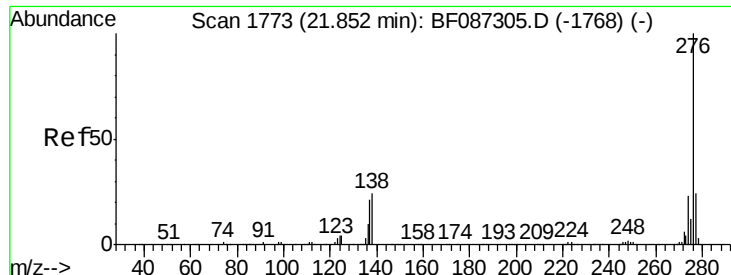
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#90
Dibenzo(a,h)anthracene
Concen: 51.39 ng
RT: 21.30 min Scan# 1725
Delta R.T. -0.01 min
Lab File: BF087587.D
Acq: 31 May 2016 18:29

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.1	16.6	24.8
279	23.6	19.6	29.4





#91
 Benzo(a,h,i)perylene
 Concen: 46.79 ng
 RT: 21.69 min Scan# 1759
 Delta R.T. 0.01 min
 Lab File: BF087587.D
 Acq: 31 May 2016 18:29

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-48-052616MS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.6	29.4
138	20.5	23.6	35.4

Manual Integrations
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