

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051616\
 Data File : BF087089.D
 Acq On : 16 May 2016 18:55
 Operator : UM/SJ
 Sample : H3074-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

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 5/17/2016 7:15:51 PM

Quant Time: May 17 13:25:46 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 17 01:12:04 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	128855	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	501058	20.00	ng	0.00
38) Acenaphthene-d10	9.64	164	201505	20.00	ng	0.00
63) Phenanthrene-d10	11.12	188	321408	20.00	ng	0.00
75) Chrysene-d12	13.75	240	223730	20.00	ng	-0.01
86) Perylene-d12	15.11	264	209749	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.22	112	976386	128.33	ng	0.02
7) Phenol-d6	6.28	99	1122108	110.35	ng	0.00
23) Nitrobenzene-d5	7.19	82	919665	92.16	ng	0.00
41) 2,4,6-Tribromophenol	10.43	330	250075	117.23	ng	-0.01
44) 2-Fluorobiphenyl	8.98	172	1368548	114.14	ng	0.00
78) Terphenyl-d14	12.71	244	1003370	95.15	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.23	88	125174	33.51	ng	# 67
3) Pyridine	2.88	79	209321m	22.92	ng	
4) n-Nitrosodimethylamine	2.78	42	288817	43.61	ng	# 47
6) Aniline	6.28	93	112602	9.16	ng	# 1
8) 2-Chlorophenol	6.40	128	364833	39.74	ng	# 78
9) Benzaldehyde	6.16	77	27991	4.75	ng	97
10) Phenol	6.30	94	438454	36.28	ng	75
11) bis(2-Chloroethyl)ether	6.35	93	376352	39.93	ng	84
12) 1,3-Dichlorobenzene	6.55	146	388546	39.11	ng	97
13) 1,4-Dichlorobenzene	6.63	146	399200	39.40	ng	98
14) 1,2-Dichlorobenzene	6.78	146	341787	38.70	ng	95
15) Benzyl Alcohol	6.78	79	342455	48.77	ng	92
16) 2,2'-oxybis(1-Chloropropan	6.90	45	800826	39.08	ng	70
17) 2-Methylphenol	6.90	107	302789m	41.45	ng	
18) Hexachloroethane	7.12	117	118180	31.00	ng	# 81
19) n-Nitroso-di-n-propylamine	7.04	70	288076m	40.54	ng	
20) 3+4-Methylphenols	7.06	107	410989	43.07	ng	# 60
22) Acetophenone	7.03	105	536769	45.35	ng	# 94
24) Nitrobenzene	7.20	77	407409	39.69	ng	92
25) Isophorone	7.45	82	784018	42.35	ng	94
26) 2-Nitrophenol	7.52	139	161451	35.78	ng	# 72
27) 2,4-Dimethylphenol	7.58	122	317490	41.31	ng	# 85
28) bis(2-Chloroethoxy)methane	7.67	93	461969	46.26	ng	98
29) 2,4-Dichlorophenol	7.78	162	287783	42.54	ng	94
30) 1,2,4-Trichlorobenzene	7.84	180	300643	39.75	ng	95
31) Naphthalene	7.92	128	1075309	42.85	ng	99
32) Benzoic acid	7.74	122	171425	37.97	ng	# 80
33) 4-Chloroaniline	7.99	127	75903	7.78	ng	# 92
34) Hexachlorobutadiene	8.03	225	170866	38.93	ng	99
35) Caprolactam	8.36	113	72028	31.29	ng	# 46
36) 4-Chloro-3-methylphenol	8.49	107	322213	39.27	ng	88
37) 2-Methylnaphthalene	8.60	142	645104	43.97	ng	# 97
39) 1,2,4,5-Tetrachlorobenzene	8.78	216	274495	46.85	ng	99
40) Hexachlorocyclopentadiene	8.75	237	37398	13.45	ng	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.90	196	182541	46.59	nq	96
43) 2,4,5-Trichlorophenol	8.96	196	167614	41.37	nq	95
45) 1,1'-Biphenyl	9.07	154	740668	46.21	nq	96
46) 2-Chloronaphthalene	9.10	162	549592	43.77	nq	93
47) 2-Nitroaniline	9.21	65	261307	56.94	nq	# 83
48) Acenaphthylene	9.51	152	844037	45.70	nq	99
49) Dimethylphthalate	9.38	163	685443	44.59	nq	99
50) 2,6-Dinitrotoluene	9.45	165	140308	43.37	nq	95
51) Acenaphthene	9.68	154	548413	47.73	nq	98
52) 3-Nitroaniline	9.62	138	78273	22.98	nq	97
53) 2,4-Dinitrophenol	9.74	184	21788	19.60	nq	# 74
54) Dibenzofuran	9.85	168	740885	50.23	nq	95
55) 4-Nitrophenol	9.82	139	119265m	54.08	nq	
56) 2,4-Dinitrotoluene	9.85	165	138058	34.48	nq	# 37
57) Fluorene	10.19	166	611390	48.61	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.99	232	133771	43.86	nq	97
59) Diethylphthalate	10.08	149	643193	42.93	nq	99
60) 4-Chlorophenyl-phenylether	10.19	204	264572	49.58	nq	# 76
61) 4-Nitroaniline	10.24	138	149267	45.63	nq	89
62) Azobenzene	10.34	77	703414	43.52	nq	82
64) 4,6-Dinitro-2-methylphenol	10.26	198	18624	9.33	nq	# 23
65) n-Nitrosodiphenylamine	10.31	169	486685	49.29	nq	100
66) 4-Bromophenyl-phenylether	10.67	248	159668	49.00	nq	97
67) Hexachlorobenzene	10.74	284	172759	45.36	nq	99
68) Atrazine	10.84	200	131145	39.76	nq	95
69) Pentachlorophenol	10.95	266	148054	84.12	nq	98
70) Phenanthrene	11.14	178	753921	43.95	nq	100
71) Anthracene	11.20	178	817774	46.62	nq	99
72) Carbazole	11.36	167	669040	44.37	nq	98
73) Di-n-butylphthalate	11.70	149	952514	51.72	nq	98
74) Fluoranthene	12.33	202	808325	45.82	nq	94
76) Benzidine	12.47	184	225692	39.57	nq	96
77) Pyrene	12.56	202	789961	46.12	nq	99
79) Butylbenzylphthalate	13.19	149	364430	50.30	nq	90
80) Benzo(a)anthracene	13.74	228	622918	49.60	nq	100
81) 3,3'-Dichlorobenzidine	13.71	252	201171	25.21	nq	# 97
82) Chrysene	13.78	228	632448	49.50	nq	99
83) Bis(2-ethylhexyl)phthalate	13.75	149	490722	56.31	nq	98
84) Di-n-octyl phthalate	14.35	149	829382	57.45	nq	# 83
85) Indeno(1,2,3-cd)pyrene	16.37	276	522441	49.15	nq	96
87) Benzo(b)fluoranthene	14.74	252	568623m	41.71	nq	
88) Benzo(k)fluoranthene	14.77	252	538706m	48.26	nq	
89) Benzo(a)pyrene	15.06	252	544432	46.30	nq	97
90) Dibenzo(a,h)anthracene	16.38	278	450196	45.43	nq	# 93
91) Benzo(g,h,i)perylene	16.73	276	420021	41.71	nq	95

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

```

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Sample    : H3074-01MS
Misc      :
ALS Vial  : 16      Sample Multiplier: 1

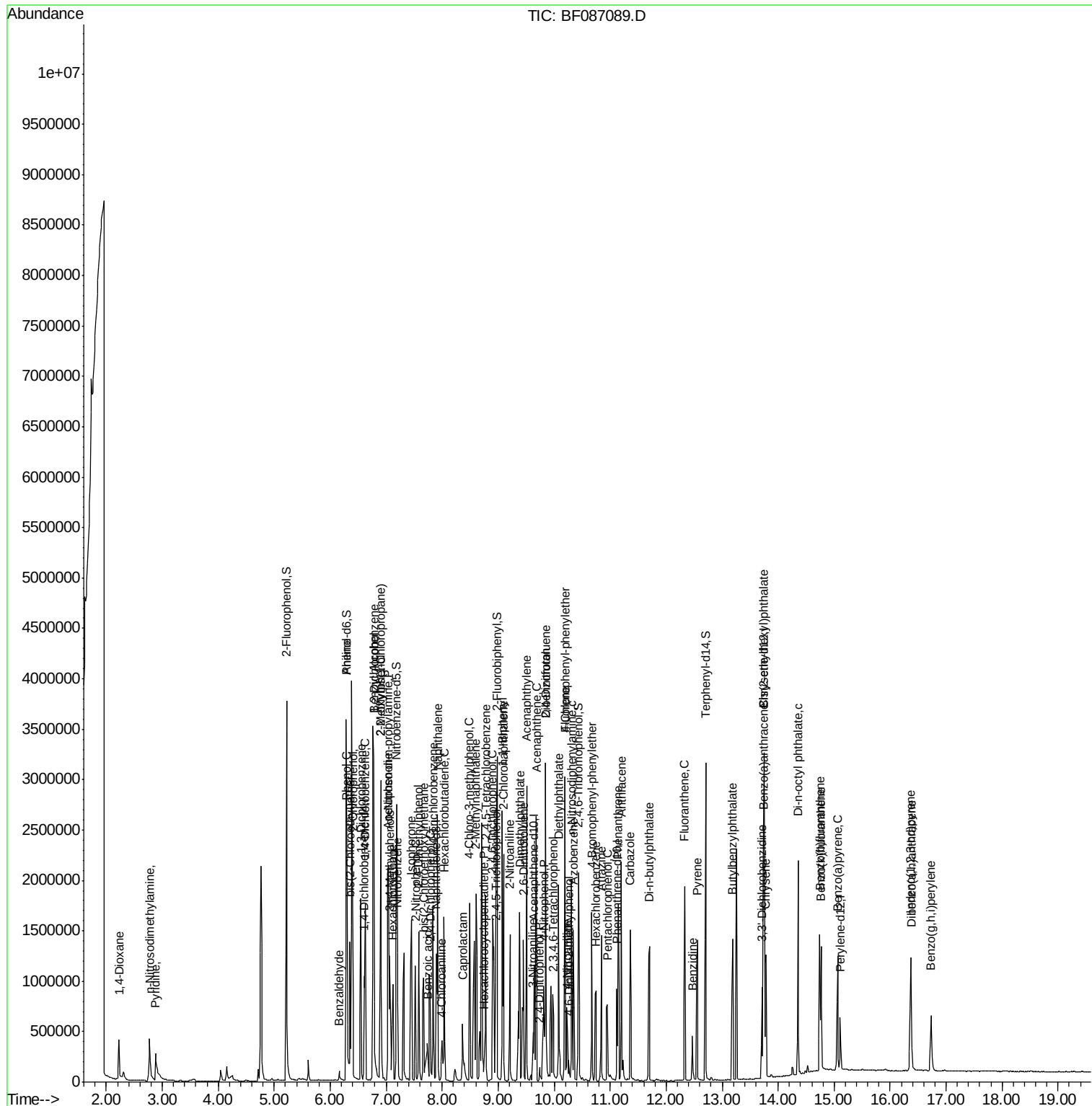
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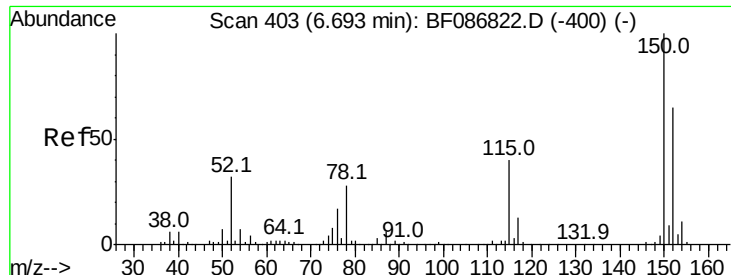
Instrument :
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#1

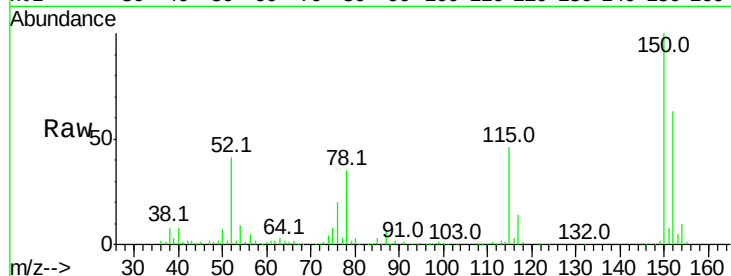
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.60 min Scan# 439
Delta R.T. 0.00 min
Lab File: BF087089.D
Acq: 16 May 2016 18:55

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.1	125.8	188.6
115	72.0	51.5	77.3

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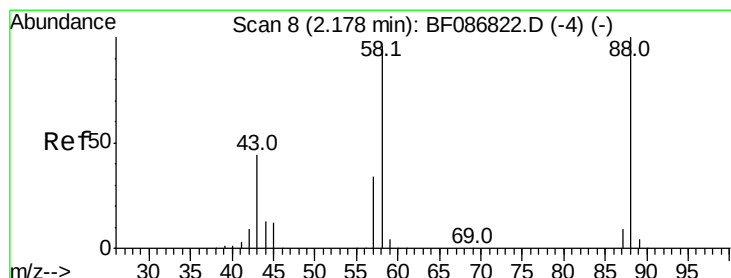
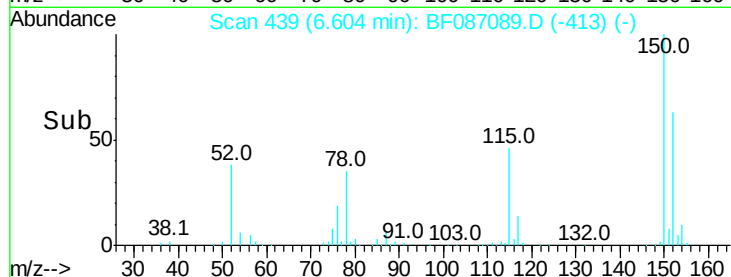
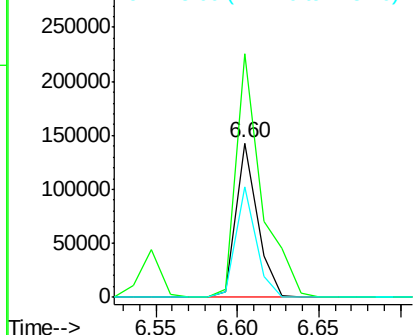


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

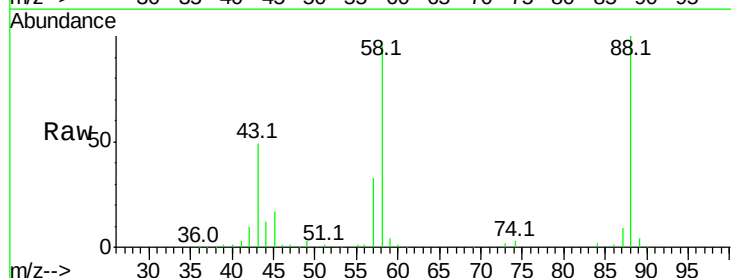
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 33.51 ng
RT: 2.23 min Scan# 56
Delta R.T. 0.17 min
Lab File: BF087089.D
Acq: 16 May 2016 18:55

Tgt Ion	Ratio	Lower	Upper
88	100		
58	96.8	59.6	89.4#
43	0.0	21.8	32.6#

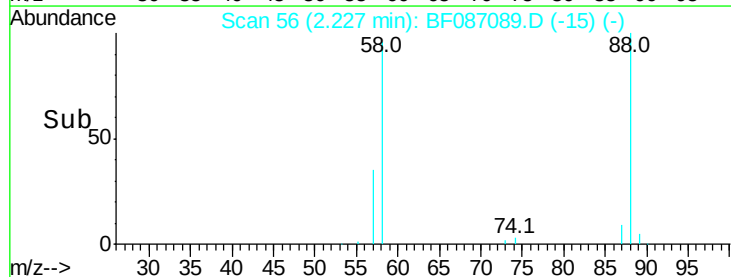
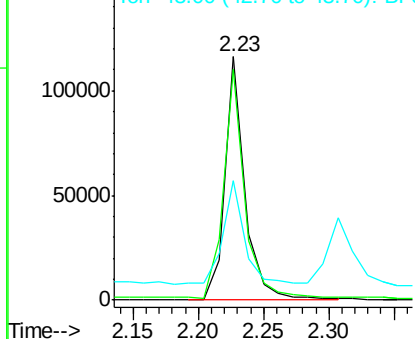


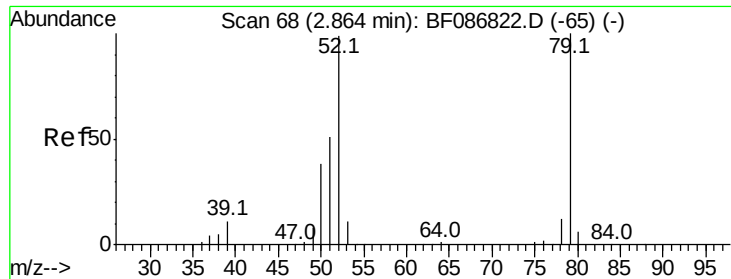
Abundance

Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 22.92 ng/ml

RT: 2.88 min Scan# 113

Delta R.T. 0.19 min

Lab File: BF087089.D

Acq: 16 May 2016 18:55

Instrument :

BNA_F

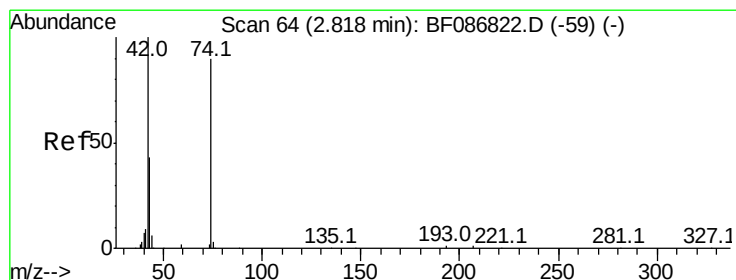
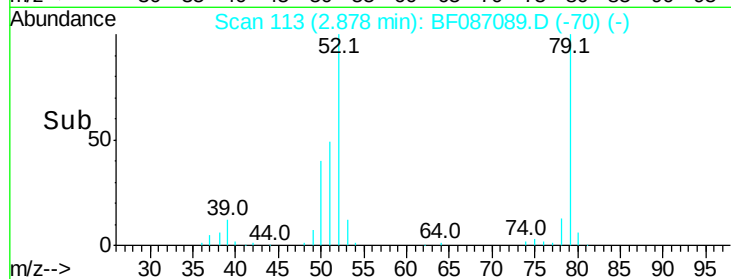
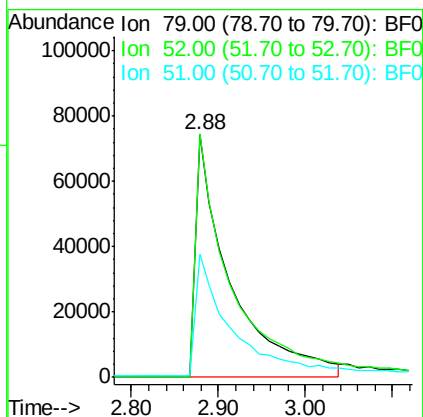
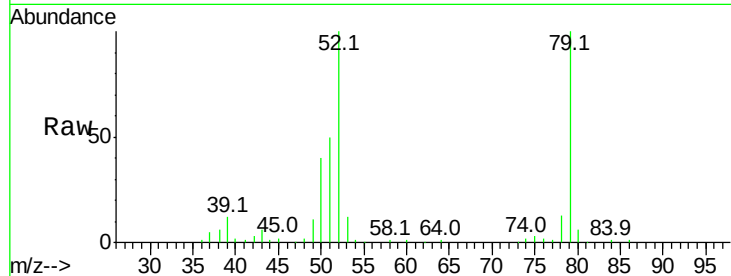
ClientSampleId :

HSR-WC-44-051216MS

Tot Ion:	79	Resp:	209321
Ion Ratio	Lower	Upper	
79	100		
52	100.3	55.9	83.9#
51	50.6	28.1	42.1#

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#4

n-Nitrosodimethylamine

Concen: 43.61 ng/ml

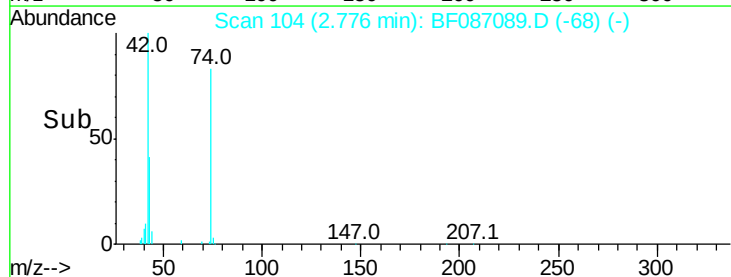
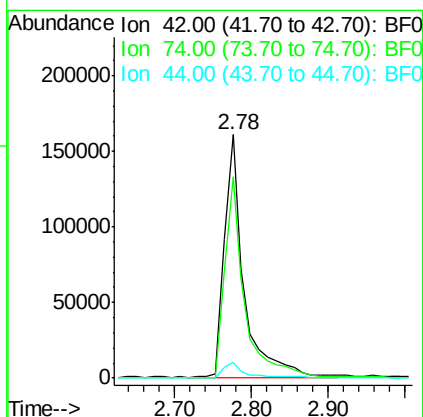
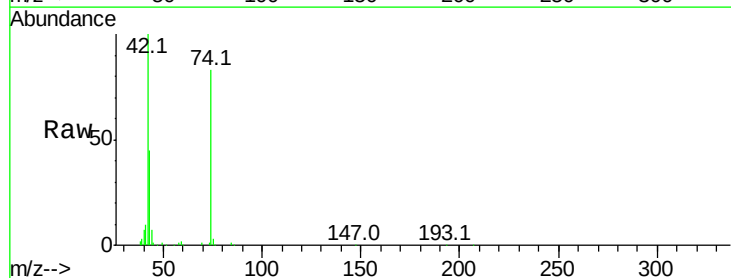
RT: 2.78 min Scan# 104

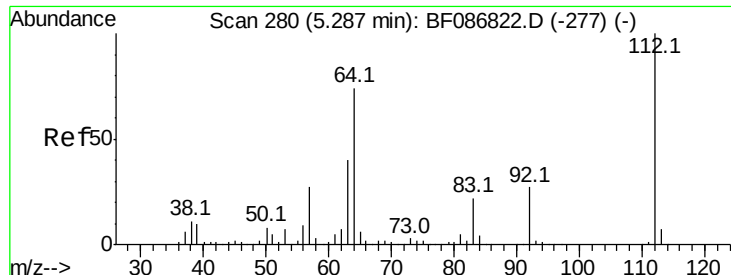
Delta R.T. 0.11 min

Lab File: BF087089.D

Acq: 16 May 2016 18:55

Tgt Ion:	42	Resp:	288817
Ion Ratio	Lower	Upper	
42	100		
74	83.0	123.4	185.0#
44	6.6	5.8	8.6





#5

2-Fluorophenol

Concen: 128.33 ng

RT: 5.22 min Scan# 318

Delta R.T. 0.02 min

Lab File: BF087089.D

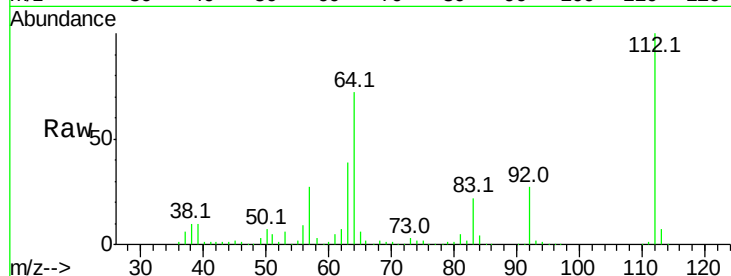
Acq: 16 May 2016 18:55

Instrument :

BNA_F

ClientSampleId :

HSR-WC-44-051216MS



Tot Ion: 112 Resp: 976386

Ion Ratio Lower Upper

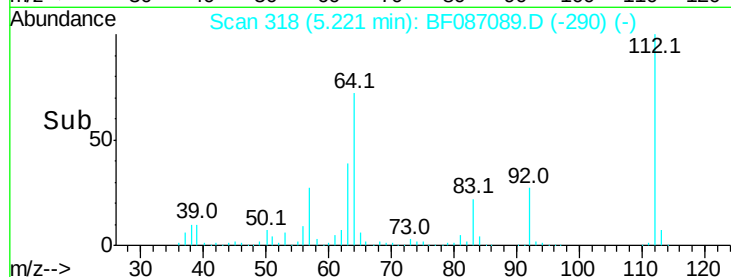
112 100

64 71.8 52.1 78.1

63 39.0 25.7 38.5#

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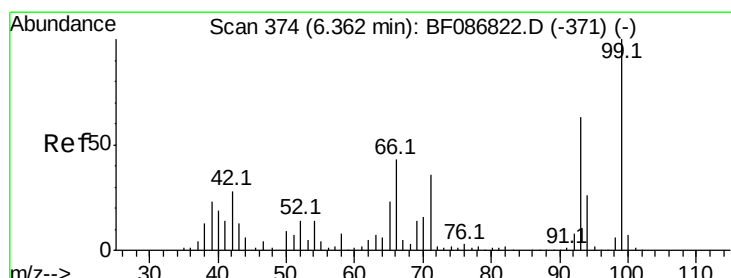
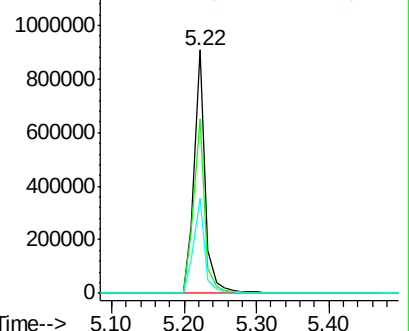
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 9.16 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.01 min

Lab File: BF087089.D

Acq: 16 May 2016 18:55

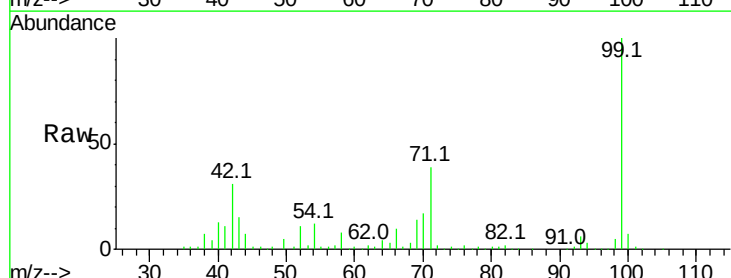
Tgt Ion: 93 Resp: 112602

Ion Ratio Lower Upper

93 100

66 153.5 39.0 58.6#

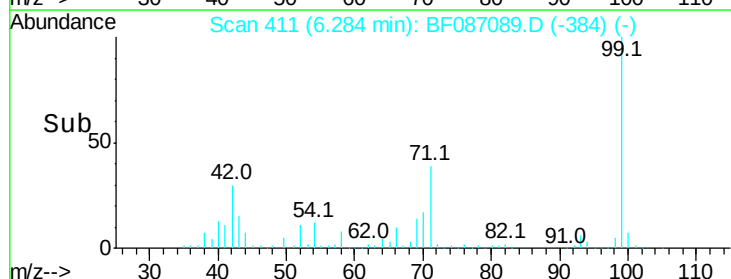
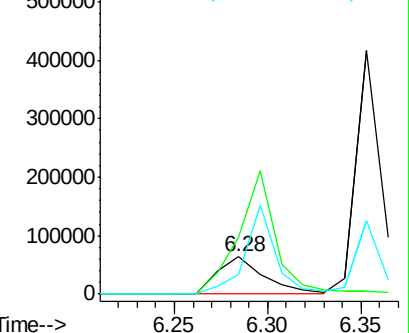
65 52.9 20.6 31.0#

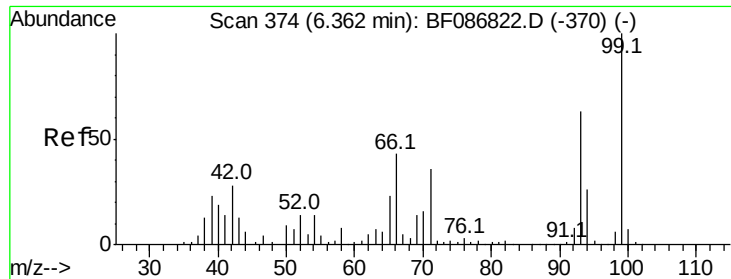


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 110.35 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF087089.D

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Instrument :

BNA_F

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HSR-WC-44-051216MS

Tot Ion: 99 Resp: 1122108

Ion Ratio Lower Upper

99 100

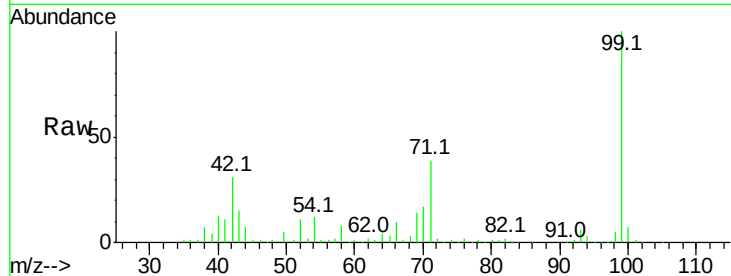
42 30.5 13.6 20.4#

71 39.1 24.6 36.8#

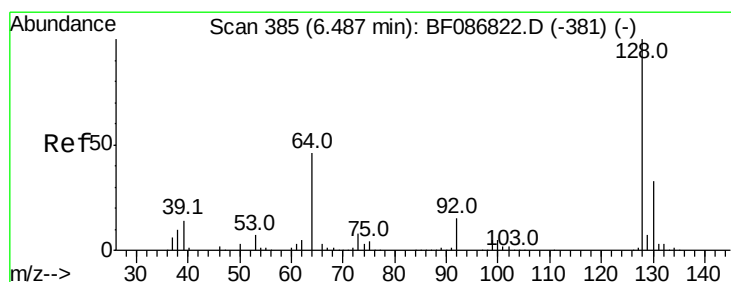
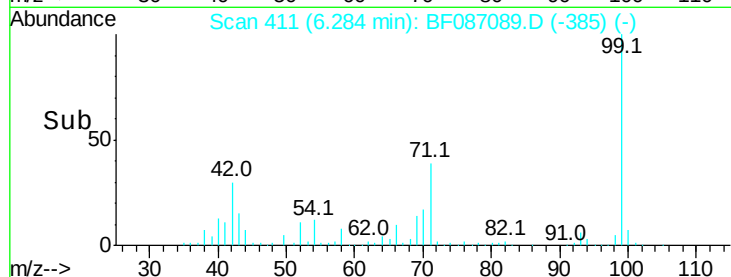
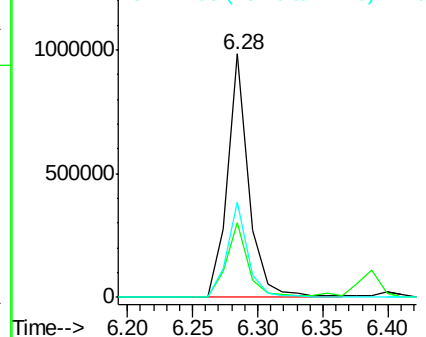
Manual Integrations
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 39.74 ng

RT: 6.40 min Scan# 421

Delta R.T. 0.00 min

Lab File: BF087089.D

Acq: 16 May 2016 18:55

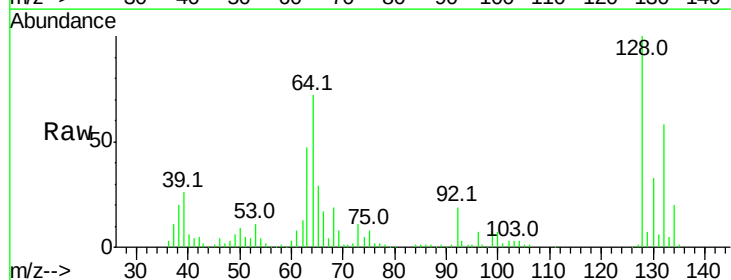
Tgt Ion:128 Resp: 364833

Ion Ratio Lower Upper

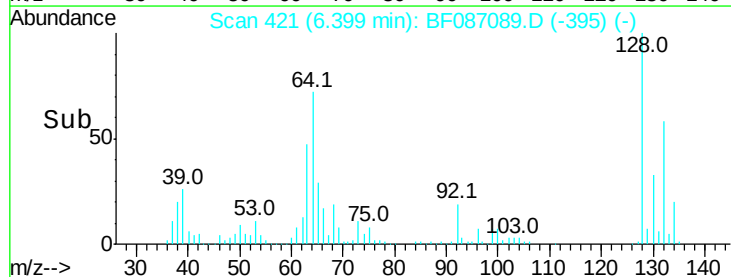
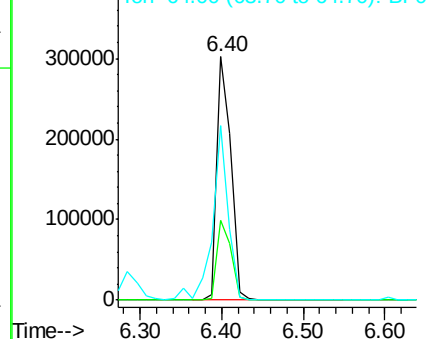
128 100

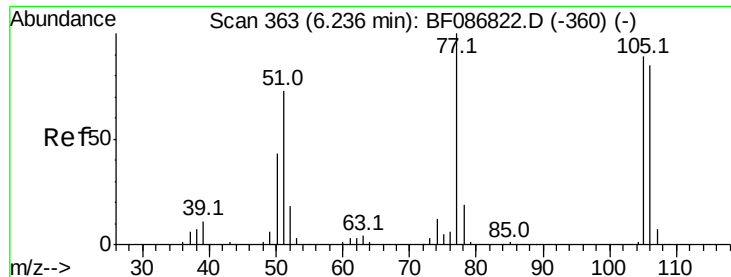
130 32.8 12.5 52.5

64 71.6 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: 4.75 ng

RT: 6.16 min Scan# 400

Delta R.T. 0.01 min

Lab File: BF087089.D

Acq: 16 May 2016 18:55

Instrument :

BNA_F

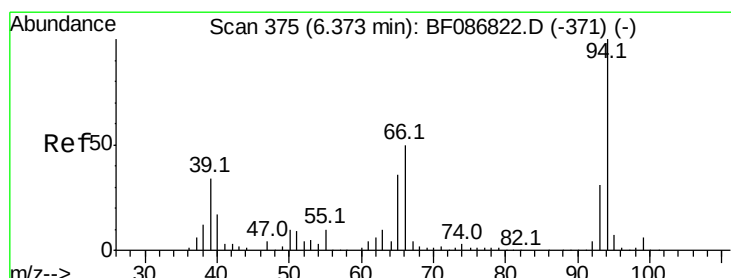
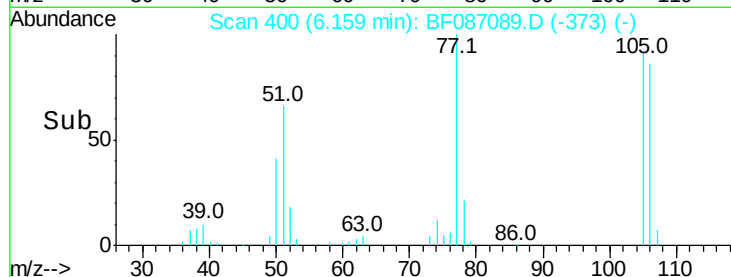
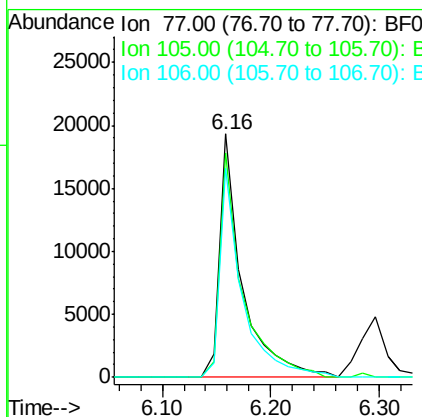
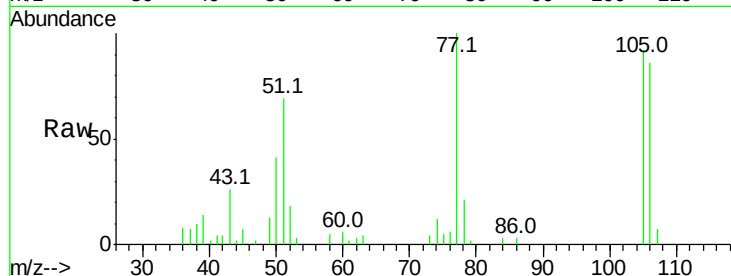
ClientSampleID :

HSR-WC-44-051216MS

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Tot Ion:	77	Resp:	27991
Ion	Ratio	Lower	Upper
77	100		
105	92.4	72.7	112.7
106	85.8	70.8	110.8



#10

Phenol

Concen: 36.28 ng

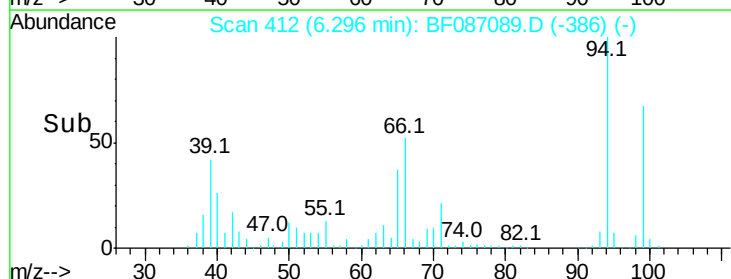
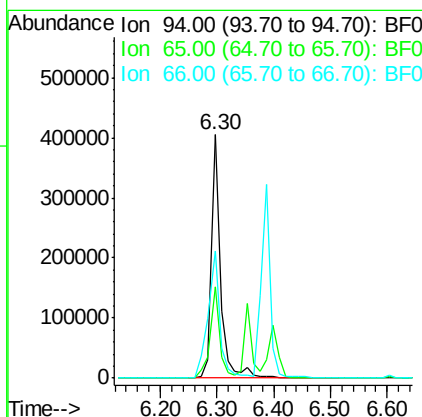
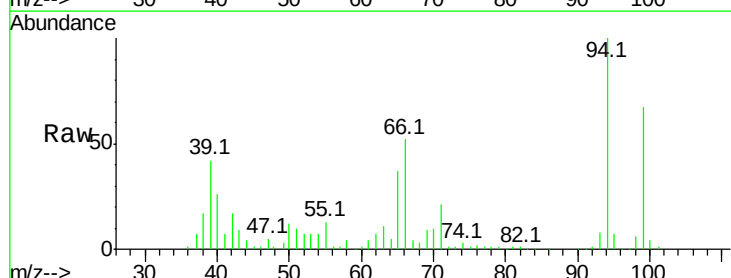
RT: 6.30 min Scan# 412

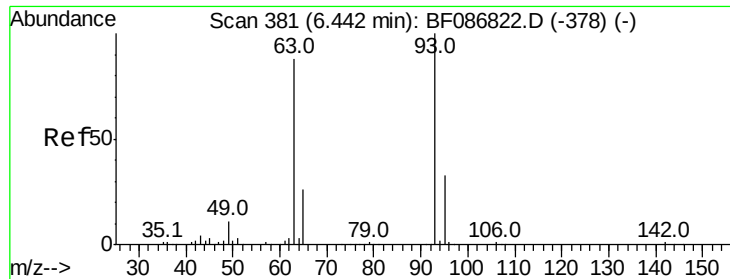
Delta R.T. 0.00 min

Lab File: BF087089.D

Acq: 16 May 2016 18:55

Tgt Ion:	94	Resp:	438454
Ion	Ratio	Lower	Upper
94	100		
65	37.4	7.2	47.2
66	52.1	14.9	54.9





#11

bis(2-Chloroethyl)ether

Concen: 39.93 ng

RT: 6.35 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF087089.D

Acq: 16 May 2016 18:55

Instrument :

BNA_F

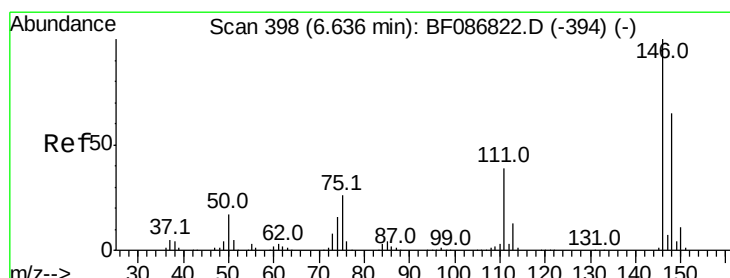
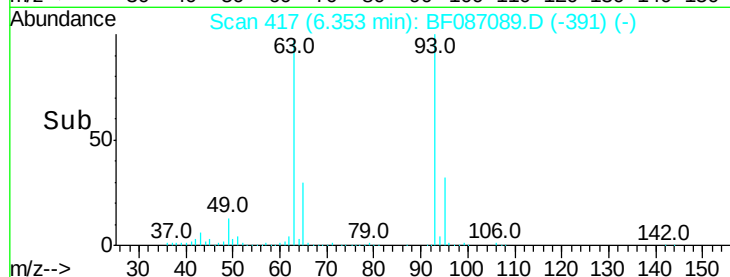
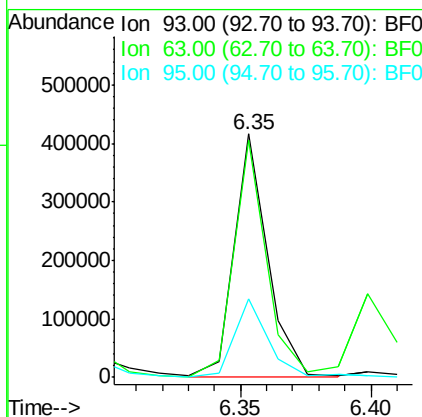
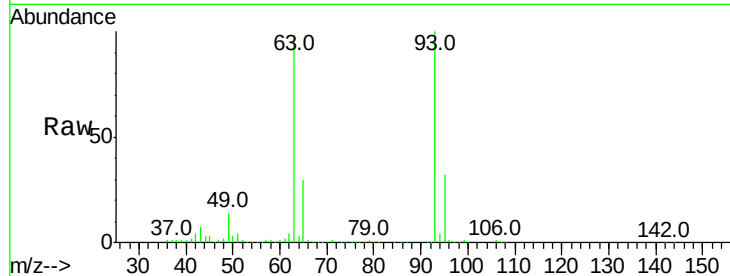
ClientSampleId :

HSR-WC-44-051216MS

Tot Ion	93	Resp	376352
Ion Ratio	100	Lower	Upper
93	100		
63	97.5	58.0	98.0
95	32.2	11.9	51.9

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#12

1,3-Dichlorobenzene

Concen: 39.11 ng

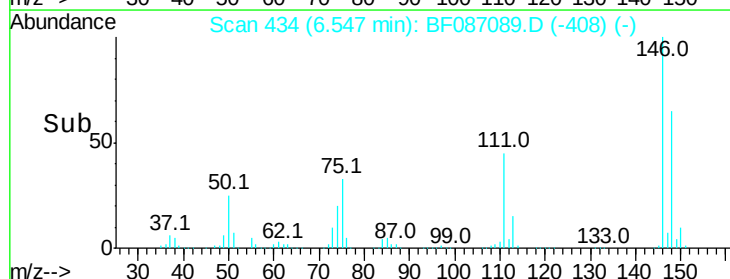
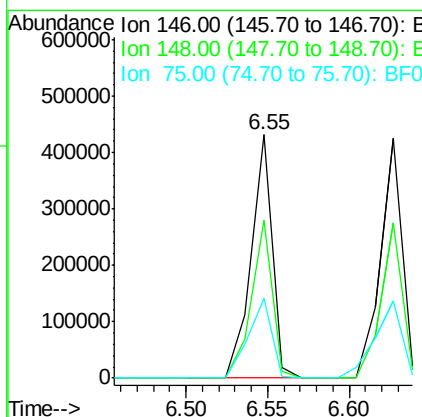
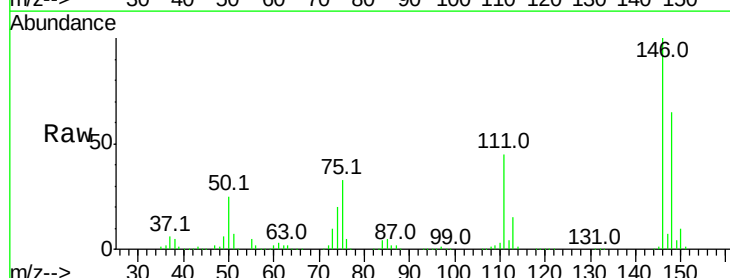
RT: 6.55 min Scan# 434

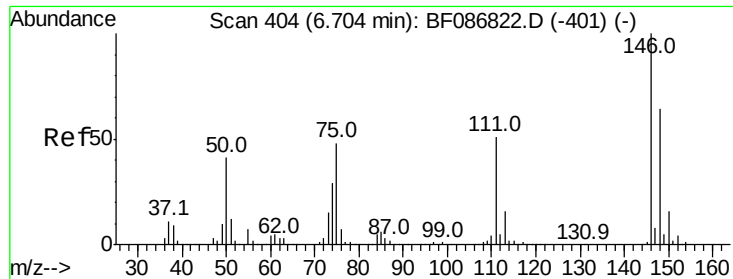
Delta R.T. 0.00 min

Lab File: BF087089.D

Acq: 16 May 2016 18:55

Tgt Ion	146	Resp	388546
Ion Ratio	100	Lower	Upper
146	100		
148	64.6	52.4	78.6
75	33.0	22.8	34.2





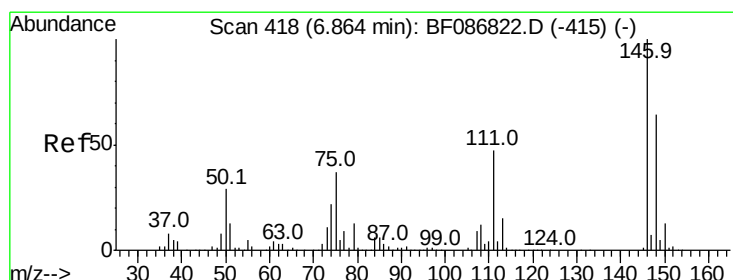
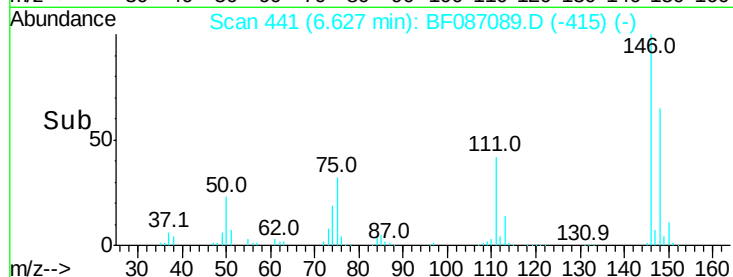
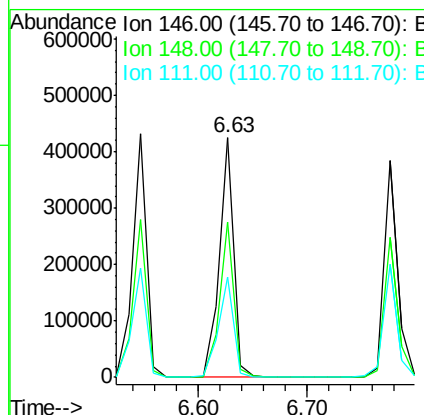
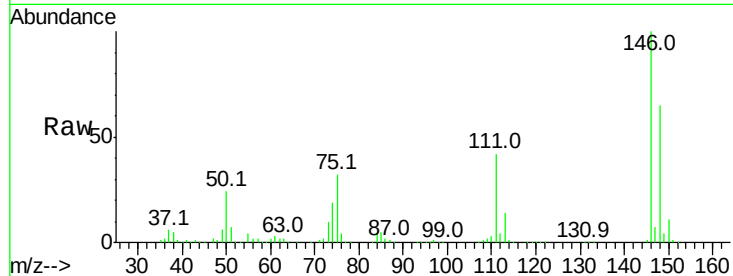
#13
 1,4-Dichlorobenzene
 Concen: 39.40 ng
 RT: 6.63 min Scan# 441
 Delta R.T. 0.00 min
 Lab File: BF087089.D
 Acq: 16 May 2016 18:55

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

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.9	52.2	78.4
111	41.9	30.7	46.1

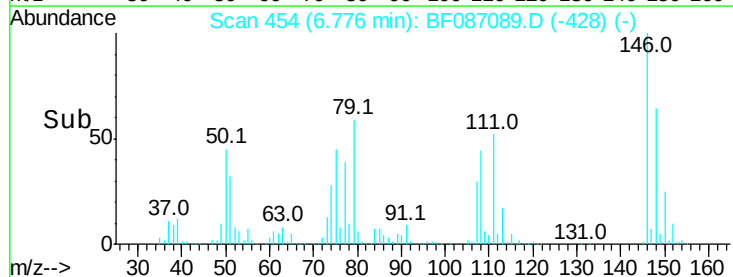
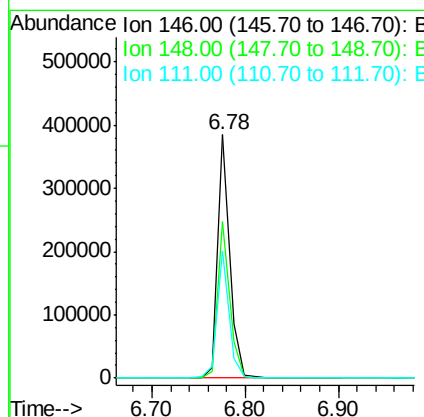
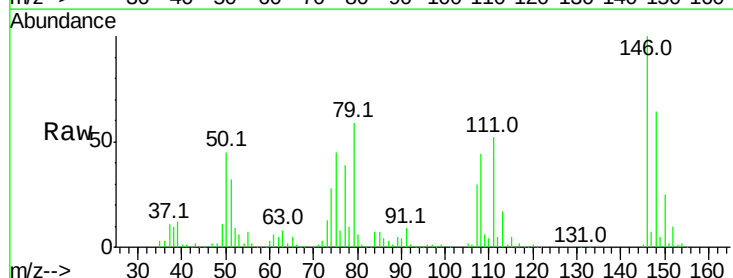
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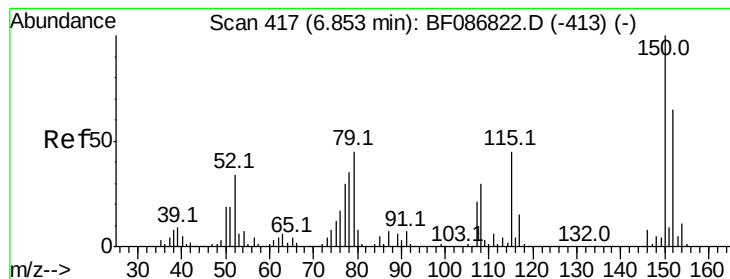
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#14
 1,2-Dichlorobenzene
 Concen: 38.70 ng
 RT: 6.78 min Scan# 454
 Delta R.T. 0.00 min
 Lab File: BF087089.D
 Acq: 16 May 2016 18:55

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.0	76.6
111	52.1	36.2	54.4





#15

Benzyl Alcohol

Concen: 48.77 ng

RT: 6.78 min Scan# 454

Delta R.T. 0.00 min

Lab File: BF087089.D

Acq: 16 May 2016 18:55

Instrument :

BNA_F

ClientSampleId :

HSR-WC-44-051216MS

Tot Ion: 79 Resp: 342455

Ion Ratio Lower Upper

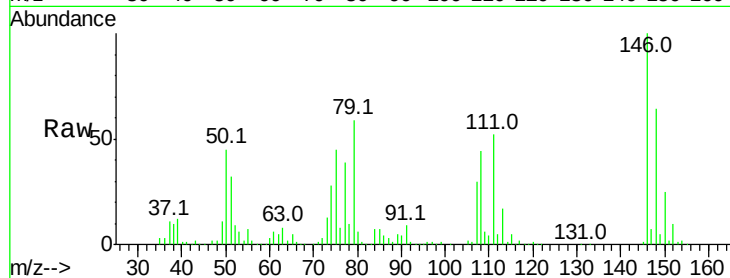
79 100

108 74.3 68.4 102.6

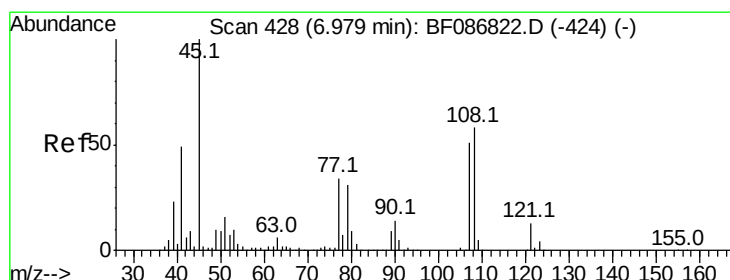
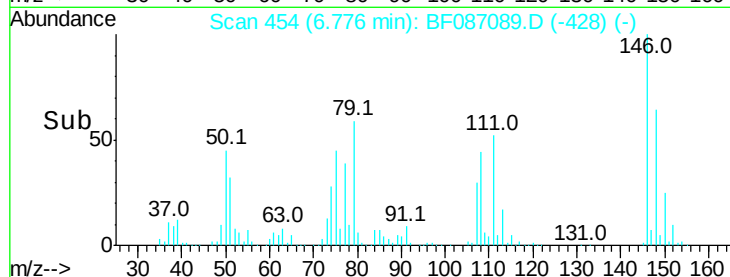
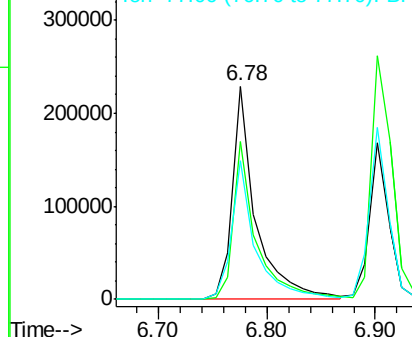
77 65.0 50.6 76.0

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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: 39.08 ng

RT: 6.90 min Scan# 465

Delta R.T. 0.00 min

Lab File: BF087089.D

Acq: 16 May 2016 18:55

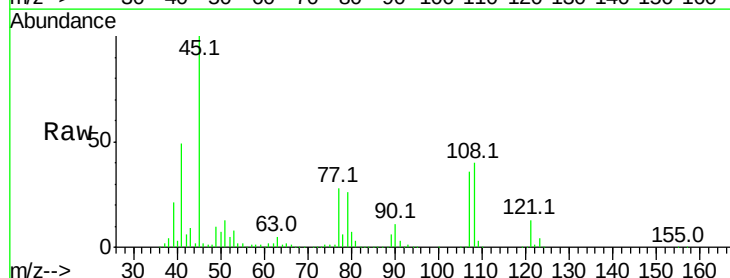
Tgt Ion: 45 Resp: 800826

Ion Ratio Lower Upper

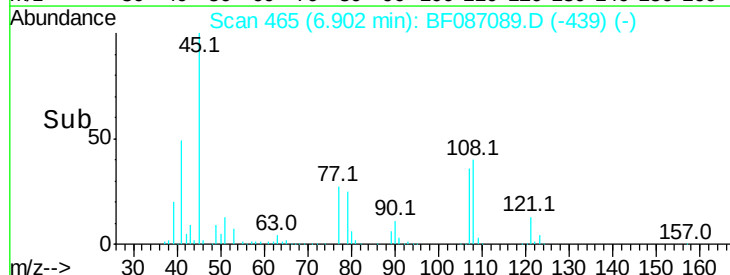
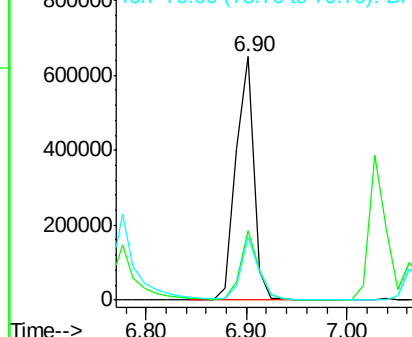
45 100

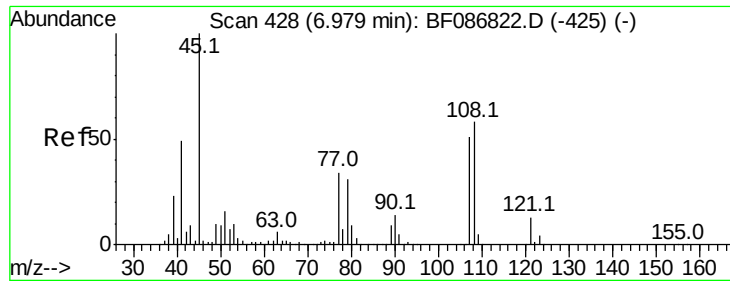
77 28.4 0.0 36.4

79 26.0 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: 41.45 ng/ml

RT: 6.90 min Scan# 465

Delta R.T. -0.16 min

Lab File: BF087089.D

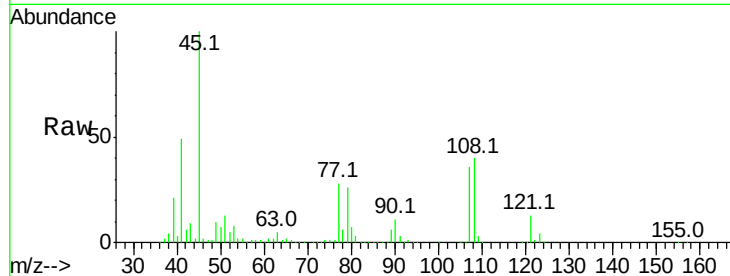
Acq: 16 May 2016 18:55

Instrument :

BNA_F

ClientSampleId :

HSR-WC-44-051216MS



Tot Ion:107 Resp: 302789

Ion Ratio Lower Upper

107 100

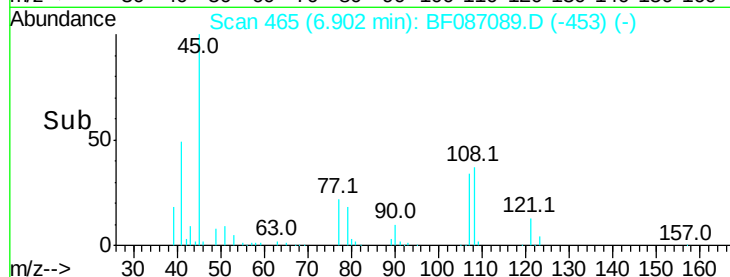
108 112.2 93.7 140.5

77 79.3 33.4 50.0#

79 72.4 34.3 51.5#

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Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

Time-->

6.85 6.90 6.95

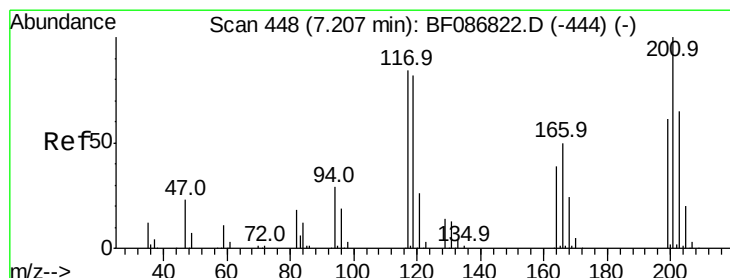
400000

300000

200000

100000

0



#18

Hexachloroethane

Concen: 31.00 ng/ml

RT: 7.12 min Scan# 484

Delta R.T. 0.00 min

Lab File: BF087089.D

Acq: 16 May 2016 18:55

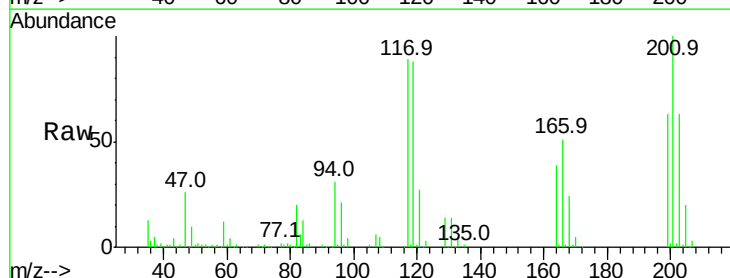
Tgt Ion:117 Resp: 118180

Ion Ratio Lower Upper

117 100

119 98.9 76.5 114.7

201 112.7 63.0 94.6#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

Time-->

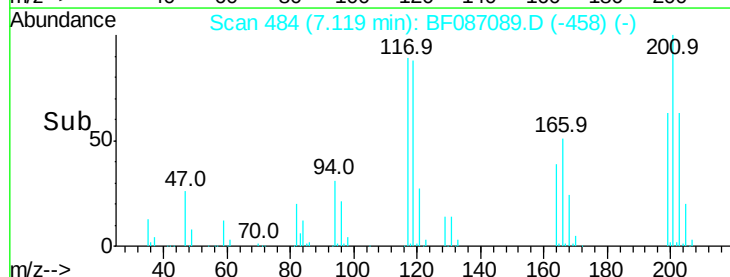
7.05 7.10 7.15

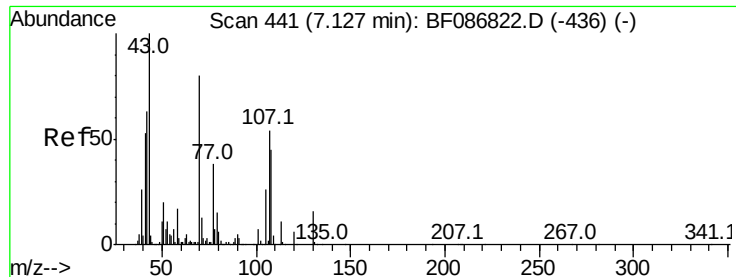
150000

100000

50000

0





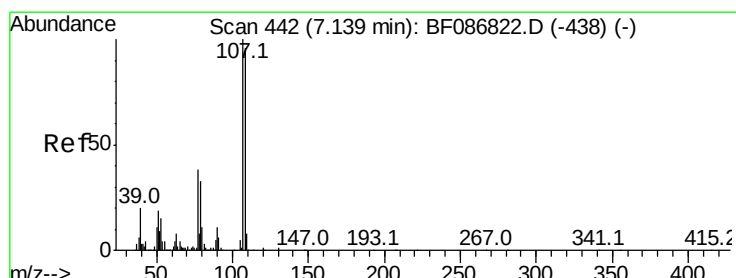
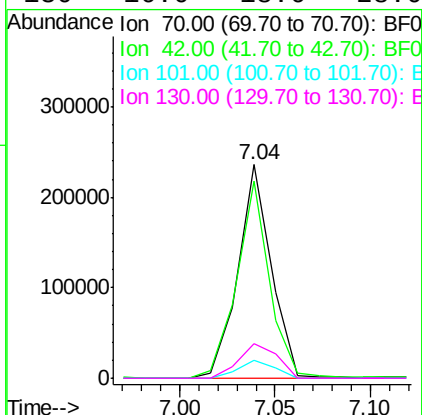
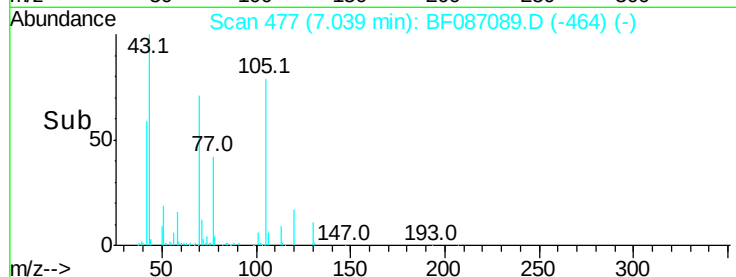
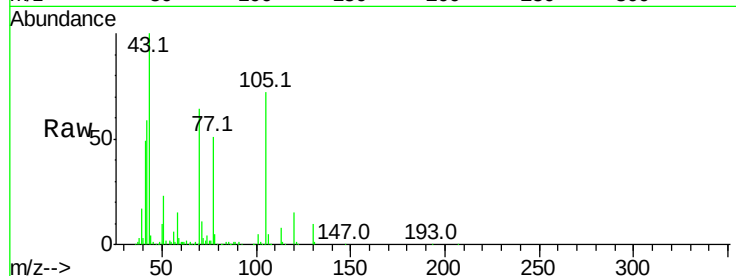
#19
n-Nitroso-di-n-propylamine
Concen: 40.54 ng/ml
RT: 7.04 min Scan# 477
Delta R.T. -0.15 min
Lab File: BF087089.D
Acq: 16 May 2016 18:55

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

Tot Ion	Ratio	Lower	Upper
70	100		
42	92.2	43.1	64.7#
101	8.3	8.1	12.1
130	16.0	18.6	28.0#

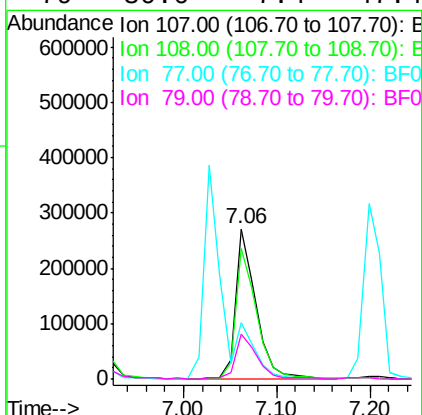
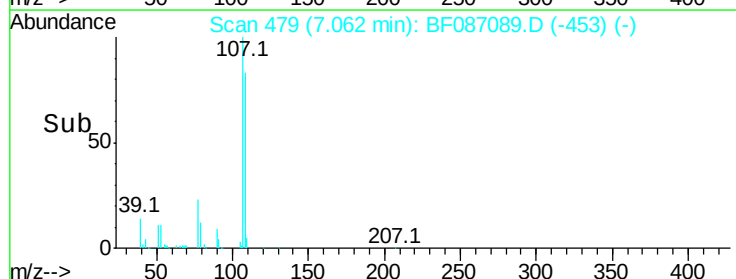
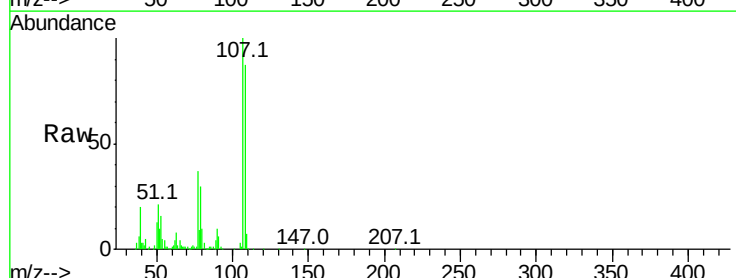
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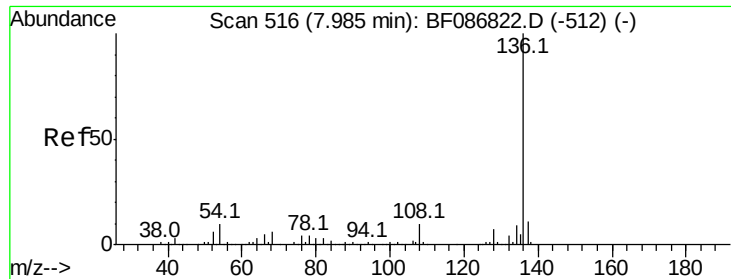
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#20
3+4-Methylphenols
Concen: 43.07 ng/ml
RT: 7.06 min Scan# 479
Delta R.T. 0.00 min
Lab File: BF087089.D
Acq: 16 May 2016 18:55

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.0	68.5	108.5
77	37.2	101.6	141.6#
79	30.0	7.4	47.4





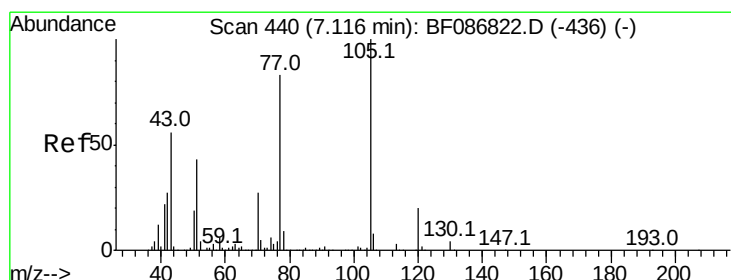
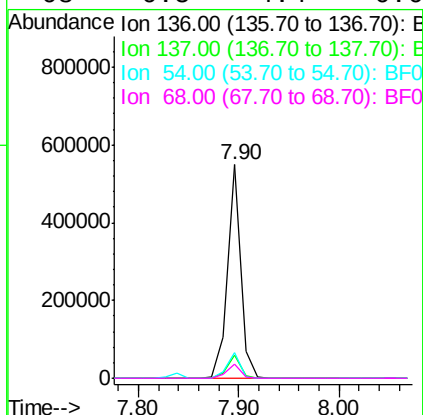
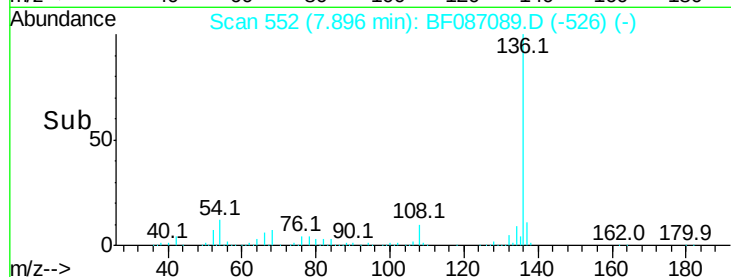
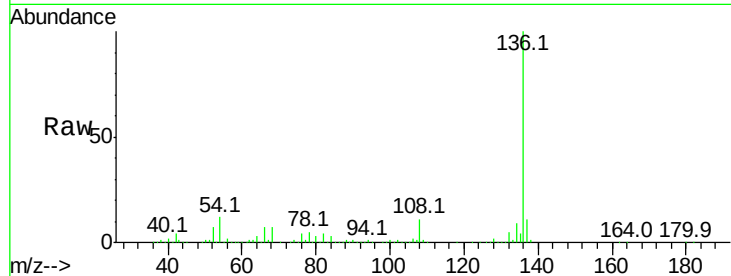
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 552
Delta R.T. 0.00 min
Lab File: BF087089.D
Acq: 16 May 2016 18:55

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

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	8.8	13.2	
54	12.3	5.0	7.4	
68	6.5	4.4	6.6	

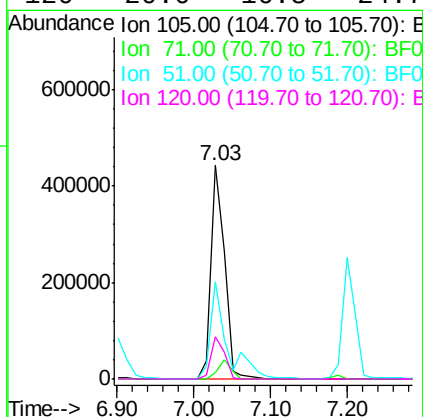
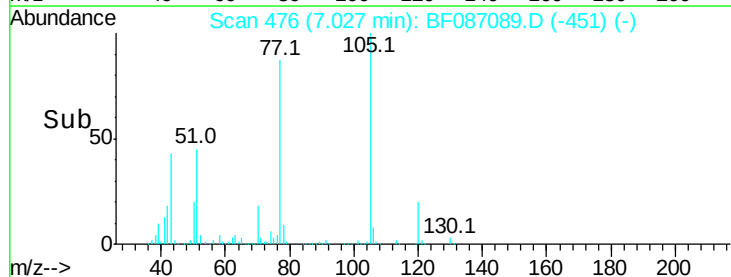
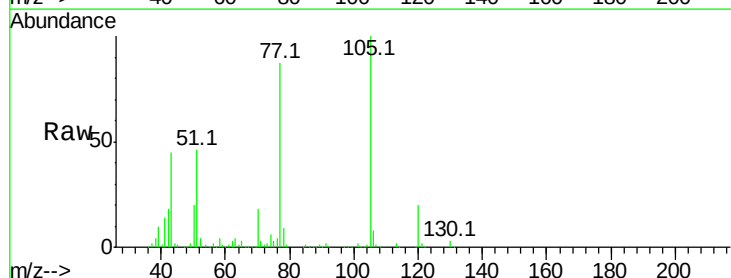
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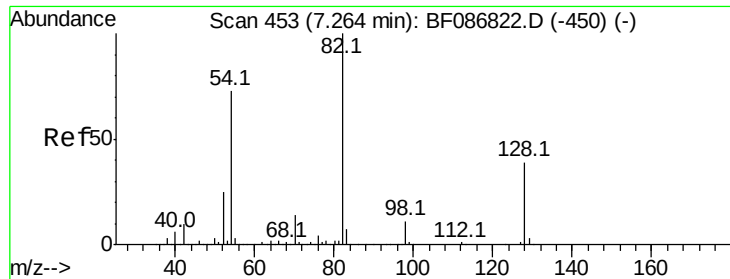
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#22
Acetophenone
Concen: 45.35 ng
RT: 7.03 min Scan# 476
Delta R.T. -0.01 min
Lab File: BF087089.D
Acq: 16 May 2016 18:55

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	3.1	4.8	7.2	
51	45.6	32.6	49.0	
120	20.0	16.5	24.7	





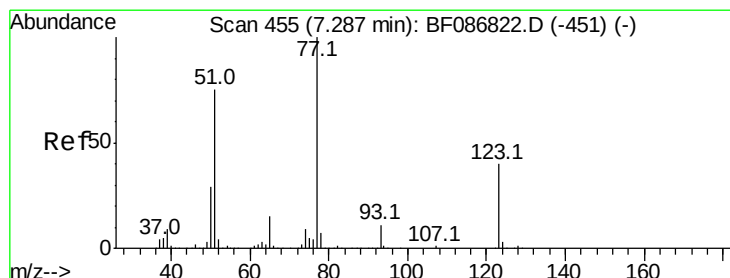
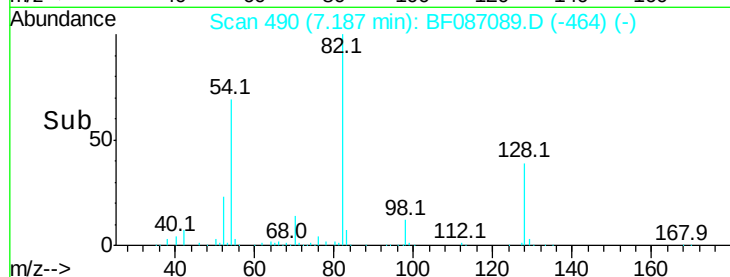
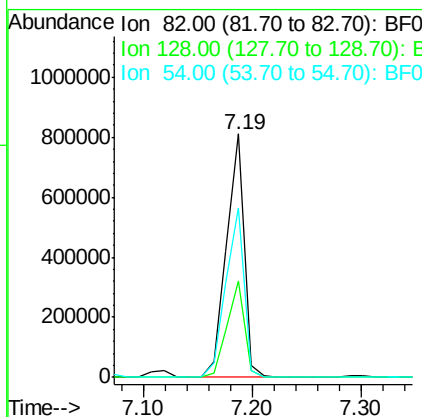
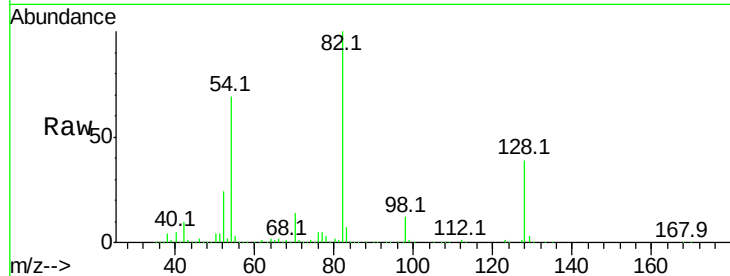
#23
 Nitrobenzene-d5
 Concen: 92.16 ng
 RT: 7.19 min Scan# 490
 Delta R.T. 0.00 min
 Lab File: BF087089.D
 Acq: 16 May 2016 18:55

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

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	39.5	40.6	61.0#	
54	69.4	38.1	57.1#	

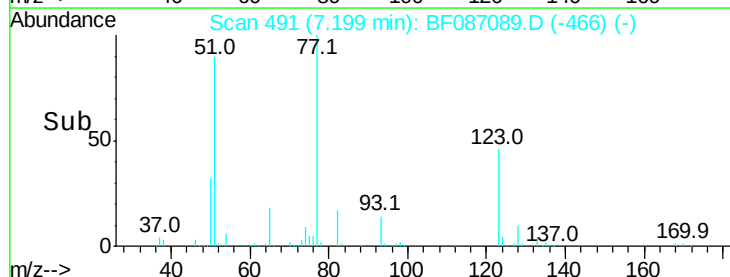
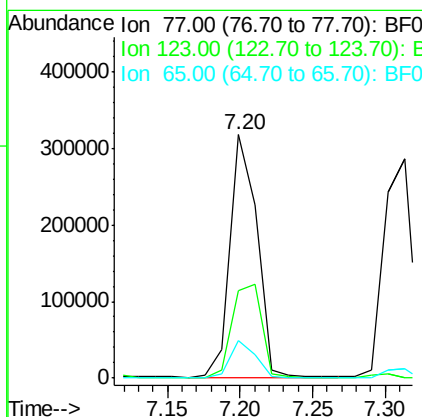
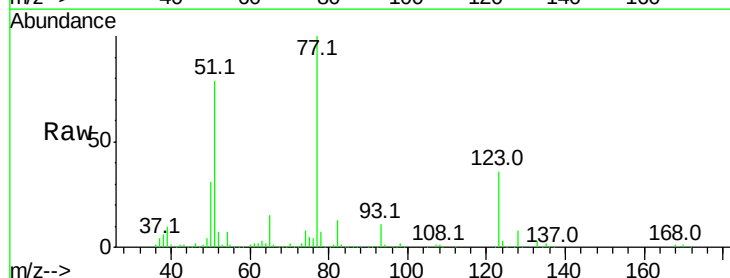
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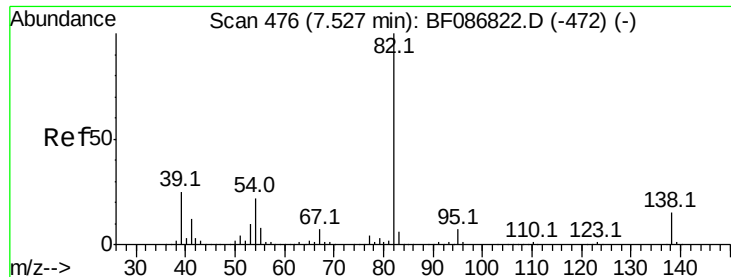
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#24
 Nitrobenzene
 Concen: 39.69 ng
 RT: 7.20 min Scan# 491
 Delta R.T. -0.01 min
 Lab File: BF087089.D
 Acq: 16 May 2016 18:55

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	35.9	33.0	49.4	
65	15.5	10.8	16.2	





#25

Isophorone

Concen: 42.35 ng

RT: 7.45 min Scan# 513

Delta R.T. 0.00 min

Lab File: BF087089.D

Acq: 16 May 2016 18:55

Instrument :

BNA_F

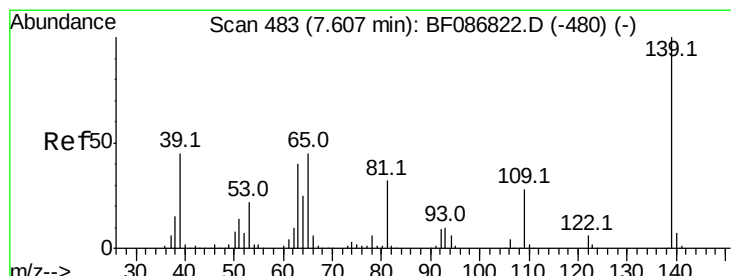
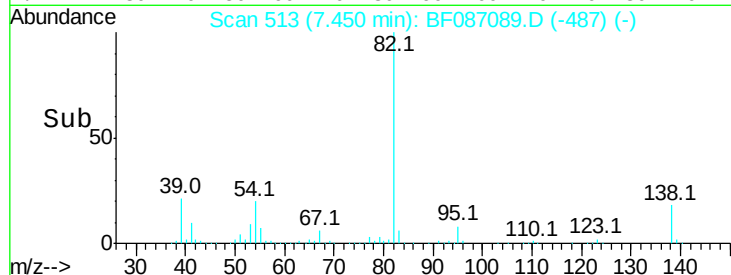
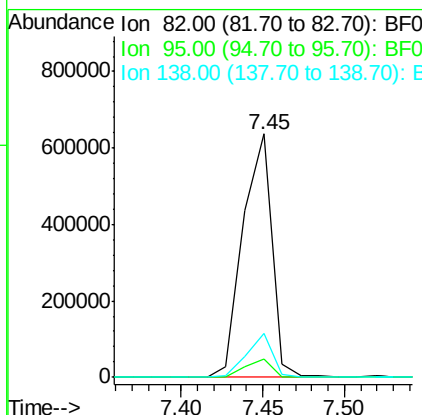
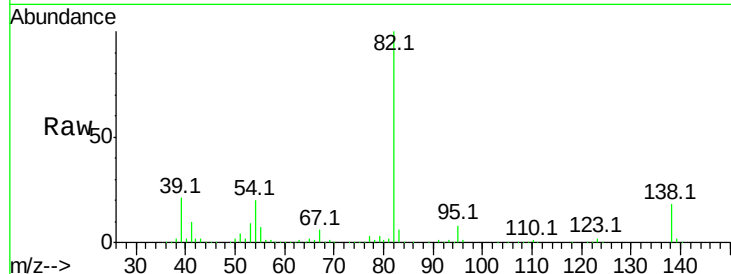
ClientSampleId :

HSR-WC-44-051216MS

Tot Ion:	82	Resp:	784018
Ion Ratio	Lower	Upper	
82	100		
95	7.5	5.1	7.7
138	18.2	12.4	18.6

Manual Integrations
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#26

2-Nitrophenol

Concen: 35.78 ng

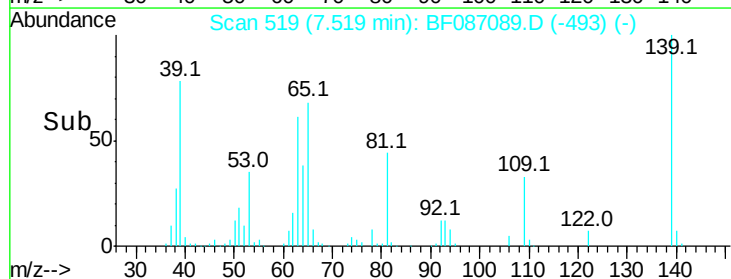
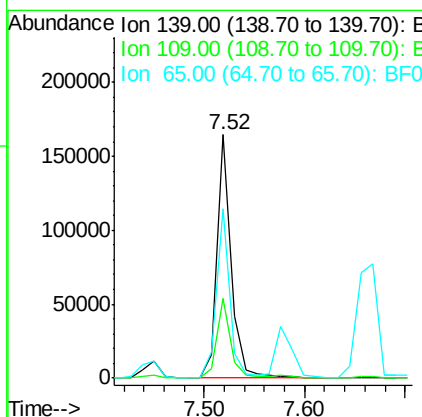
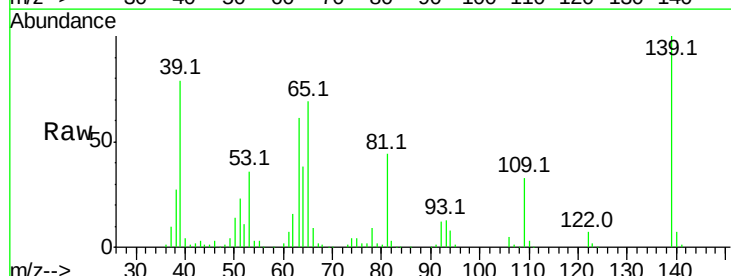
RT: 7.52 min Scan# 519

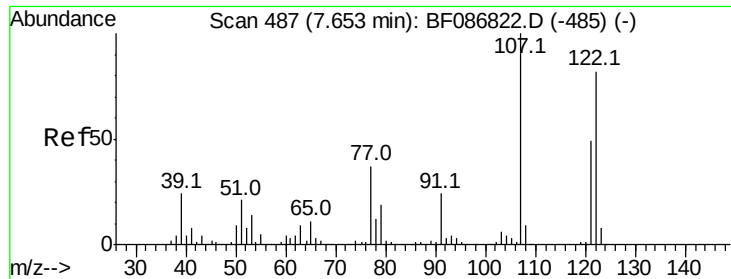
Delta R.T. 0.00 min

Lab File: BF087089.D

Acq: 16 May 2016 18:55

Tgt Ion:	139	Resp:	161451
Ion Ratio	Lower	Upper	
139	100		
109	32.9	19.5	29.3#
65	69.3	37.5	56.3#





#27

2,4-Dimethylphenol

Concen: 41.31 ng

RT: 7.58 min Scan# 524

Delta R.T. -0.01 min

Lab File: BF087089.D

Acq: 16 May 2016 18:55

Instrument :

BNA_F

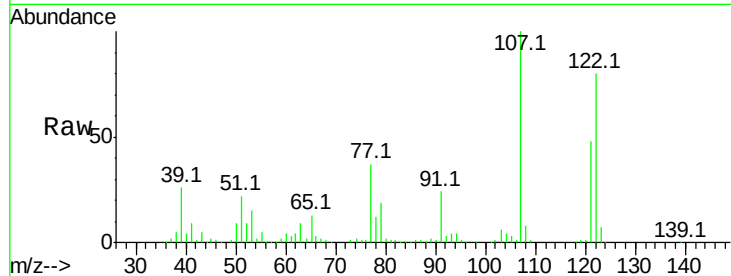
ClientSampleId :

HSR-WC-44-051216MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	317490		
107	124.4	82.0	123.0#	
121	60.1	46.1	69.1	

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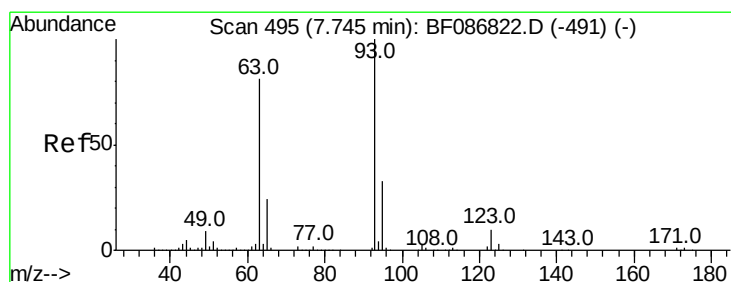
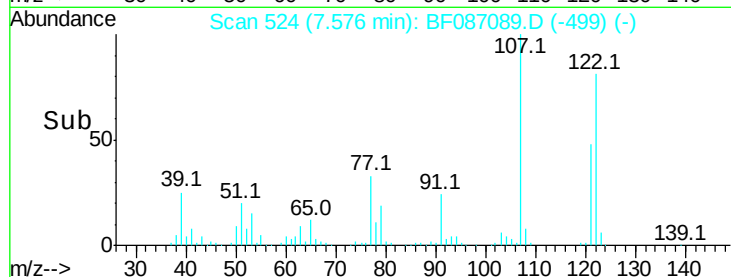
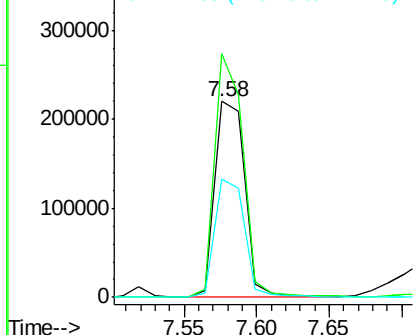
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Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 46.26 ng

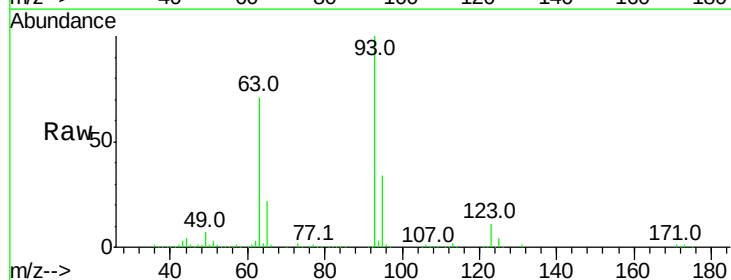
RT: 7.67 min Scan# 532

Delta R.T. 0.00 min

Lab File: BF087089.D

Acq: 16 May 2016 18:55

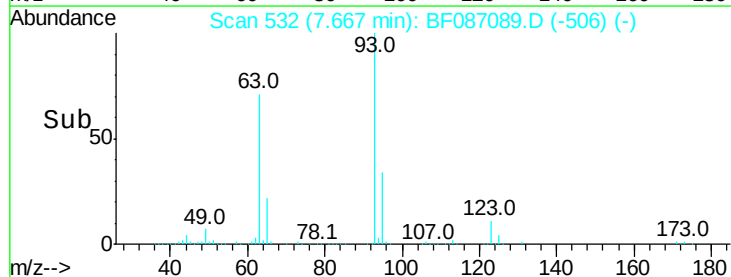
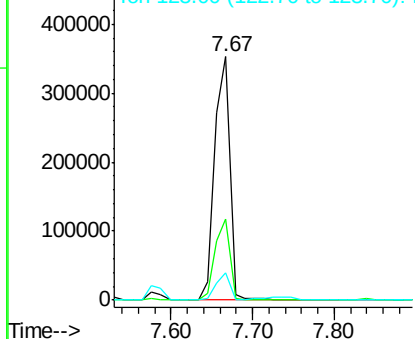
Tgt Ion	Ratio	Resp	Lower	Upper
93	100	461969		
95	33.5	26.0	39.0	
123	11.1	9.5	14.3	

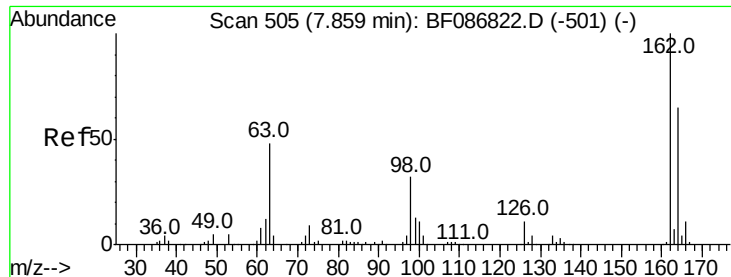


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





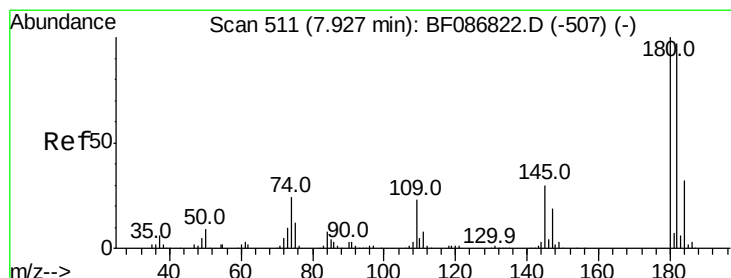
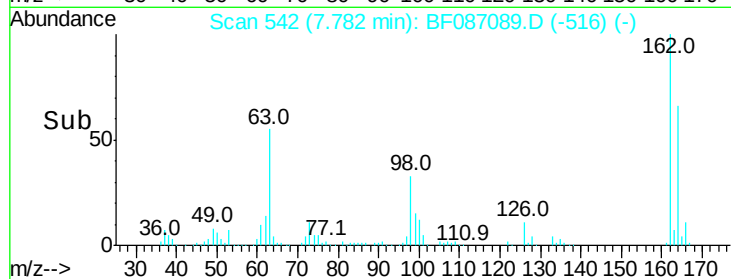
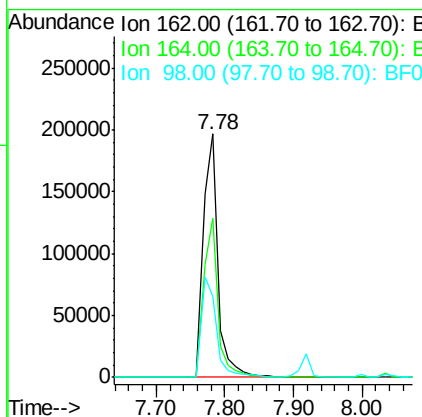
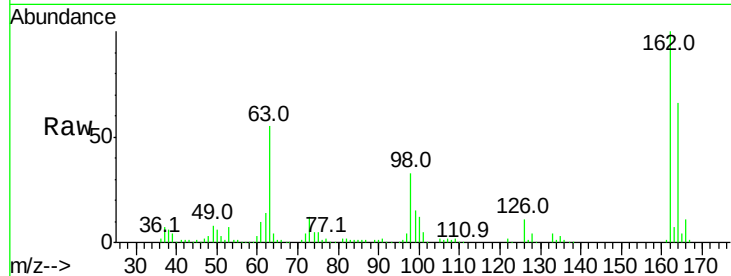
#29
 2,4-Dichlorophenol
 Concen: 42.54 ng
 RT: 7.78 min Scan# 542
 Delta R.T. 0.00 min
 Lab File: BF087089.D
 Acq: 16 May 2016 18:55

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

Tot Ion	Ratio	Resp	Lower	Upper
162	100	287783		
164	65.6	42.2	82.2	
98	33.4	19.0	59.0	

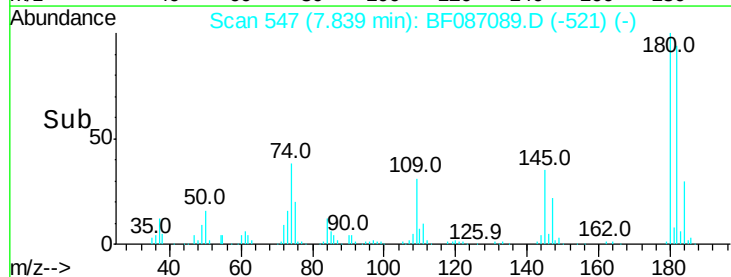
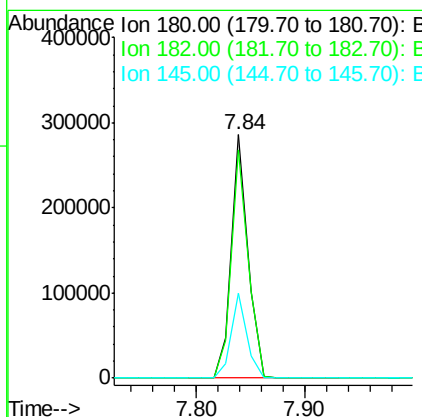
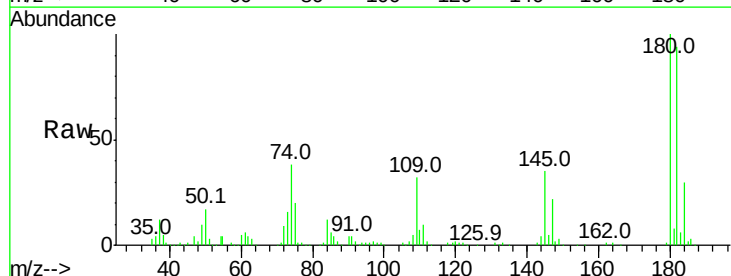
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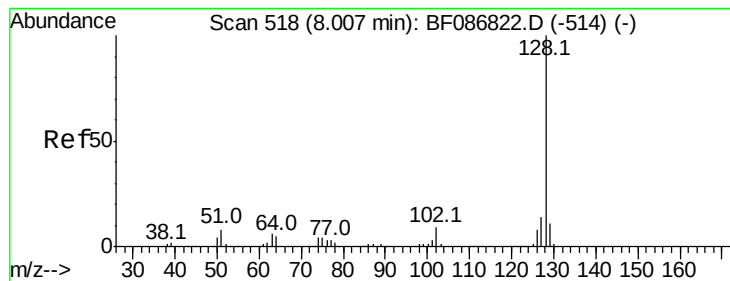
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.75 ng
 RT: 7.84 min Scan# 547
 Delta R.T. 0.00 min
 Lab File: BF087089.D
 Acq: 16 May 2016 18:55

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	300643		
182	93.7	78.0	117.0	
145	34.9	24.2	36.2	





#31

Naphthalene

Concen: 42.85 ng

RT: 7.92 min Scan# 554

Delta R.T. 0.00 min

Lab File: BF087089.D

Acq: 16 May 2016 18:55

Instrument :

BNA_F

ClientSampleId :

HSR-WC-44-051216MS

Tot Ion:128 Resp: 1075309

Ion Ratio Lower Upper

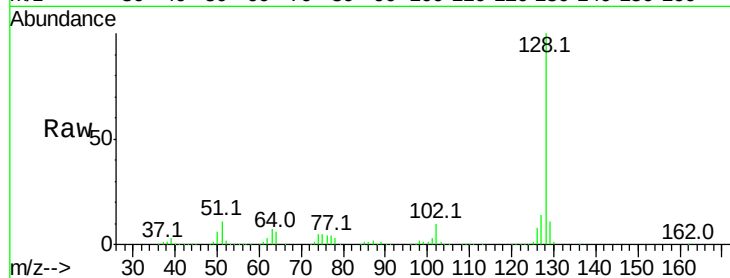
128 100

129 11.4 8.6 13.0

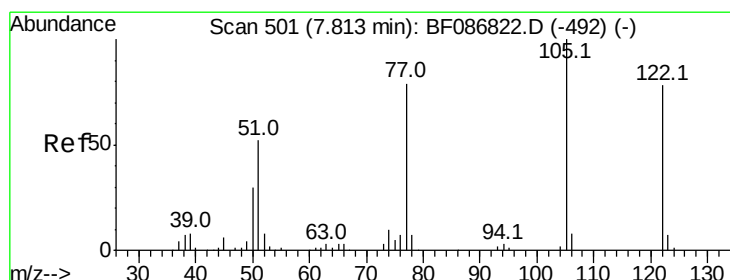
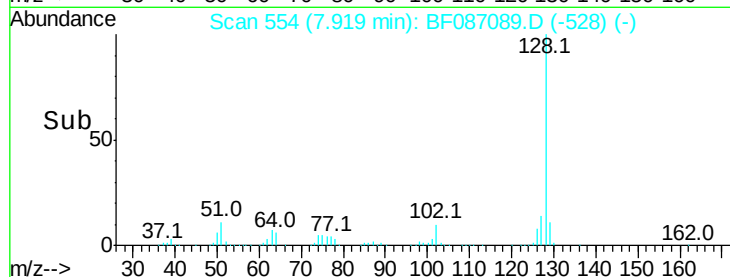
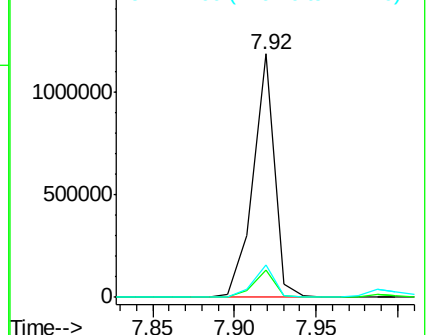
127 13.6 10.8 16.2

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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: 37.97 ng

RT: 7.74 min Scan# 538

Delta R.T. -0.01 min

Lab File: BF087089.D

Acq: 16 May 2016 18:55

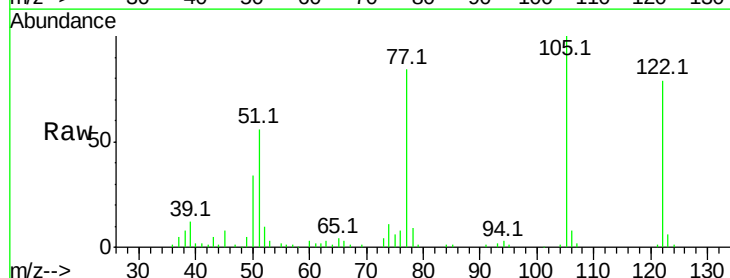
Tgt Ion:122 Resp: 171425

Ion Ratio Lower Upper

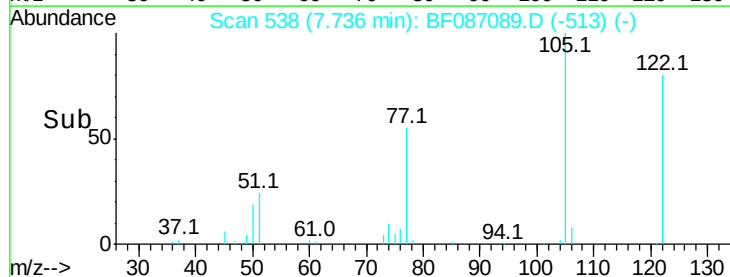
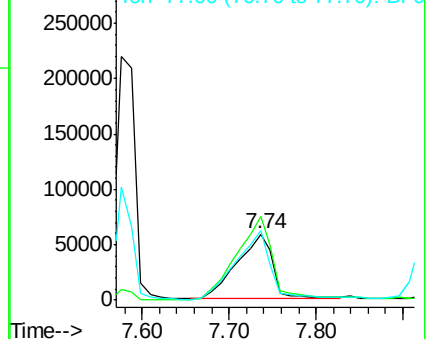
122 100

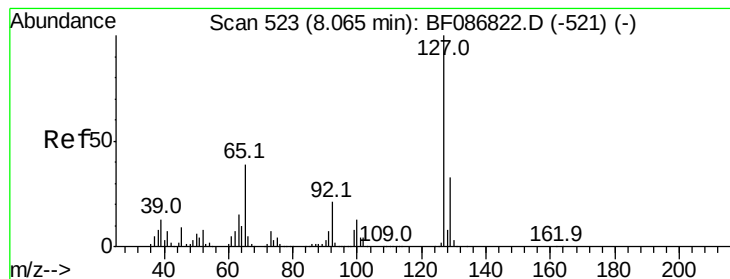
105 126.8 92.6 132.6

77 105.9 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: 7.78 ng

RT: 7.99 min Scan# 560

Delta R.T. 0.00 min

Lab File: BF087089.D

Acq: 16 May 2016 18:55

Instrument :

BNA_F

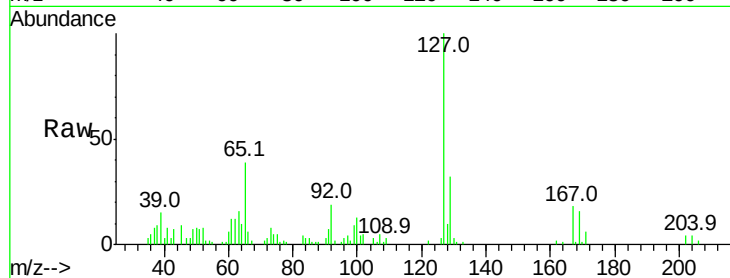
ClientSampleId :

HSR-WC-44-051216MS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.7	26.2	39.4	
65	38.7	23.0	34.4	
92	19.4	15.1	22.7	

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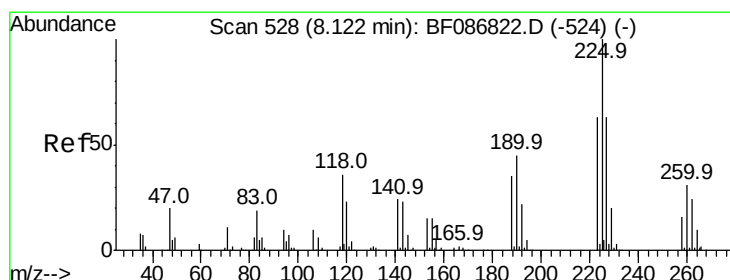
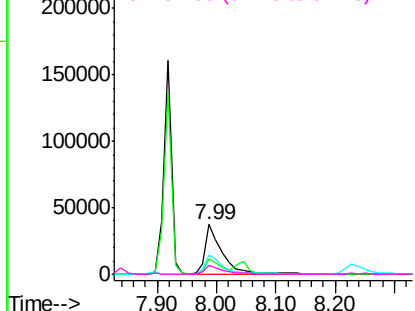
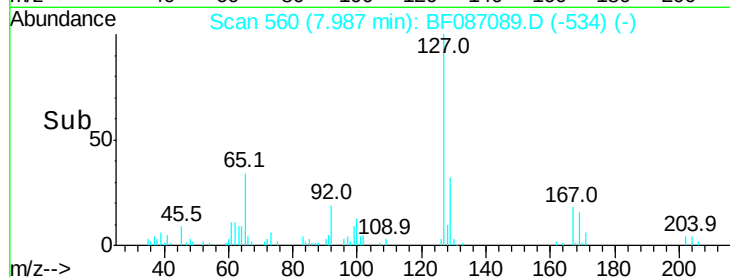


Abundance Ion 127.00 (126.70 to 127.70): E

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: 38.93 ng

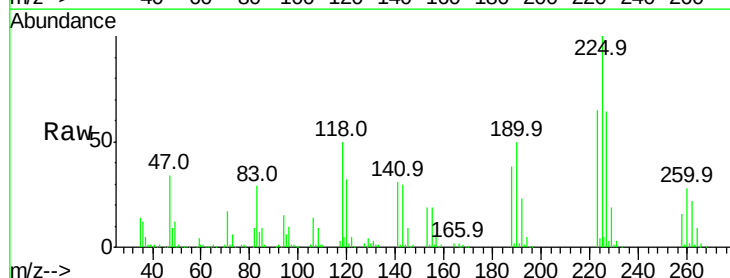
RT: 8.03 min Scan# 564

Delta R.T. 0.00 min

Lab File: BF087089.D

Acq: 16 May 2016 18:55

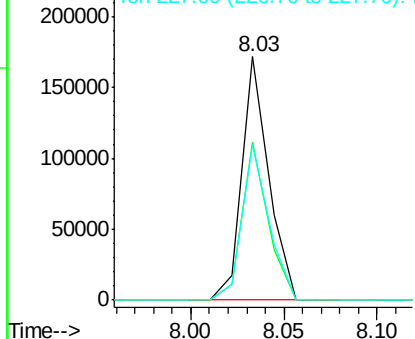
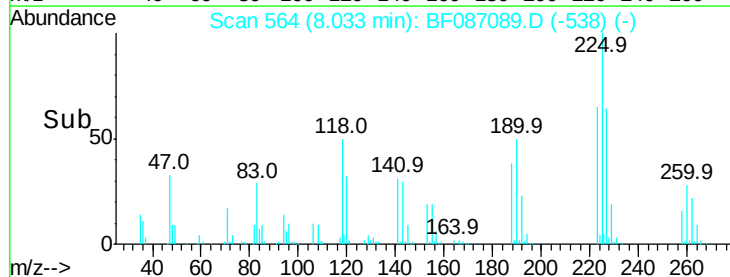
Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	65.0	51.5	77.3	
227	63.6	52.2	78.2	

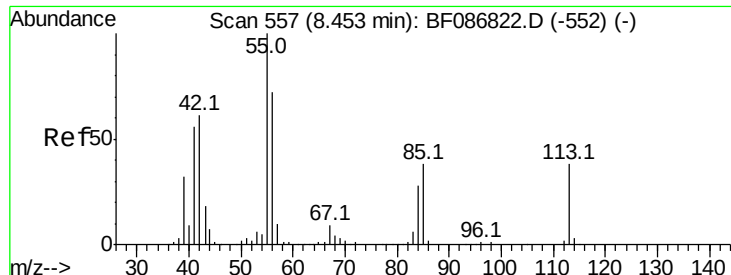


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





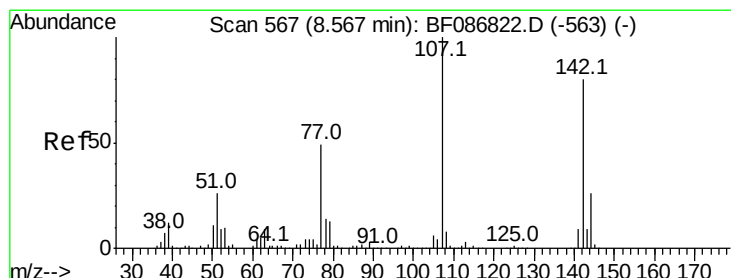
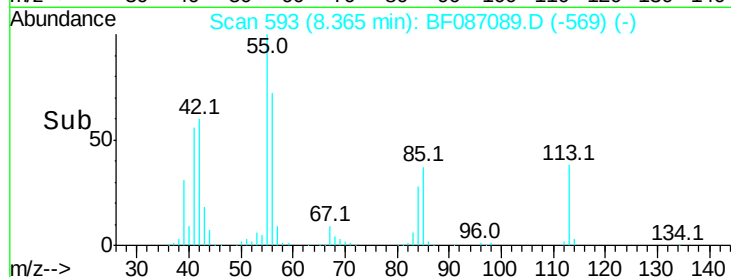
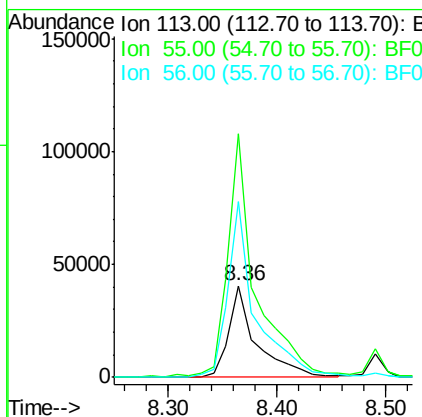
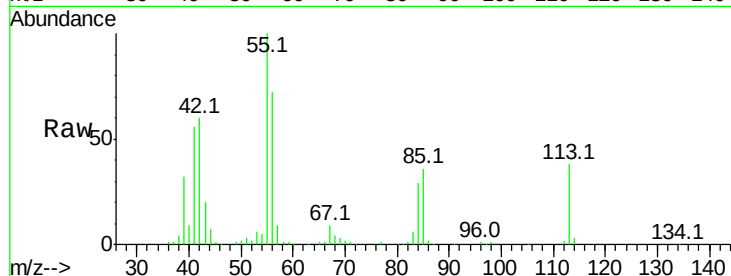
#35
 Caprolactam
 Concen: 31.29 ng
 RT: 8.36 min Scan# 593
 Delta R.T. -0.02 min
 Lab File: BF087089.D
 Acq: 16 May 2016 18:55

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

Tot Ion	Ratio	Lower	Upper
113	100		
55	265.6	162.0	202.0#
56	191.6	115.3	155.3#

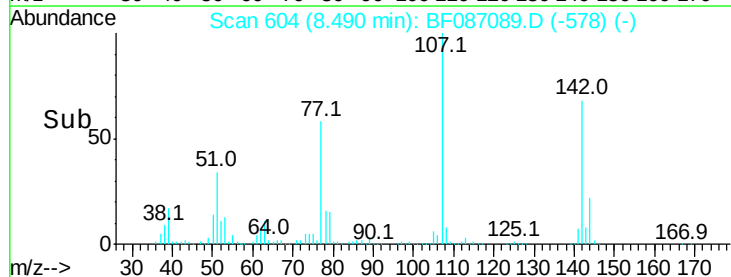
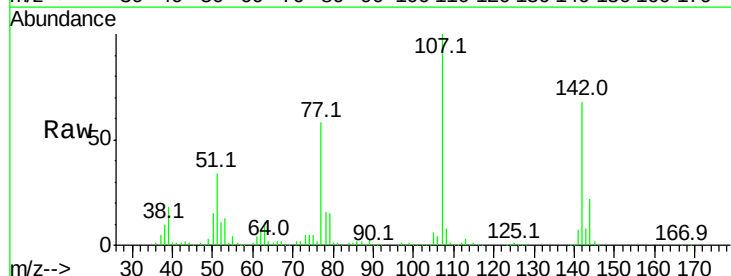
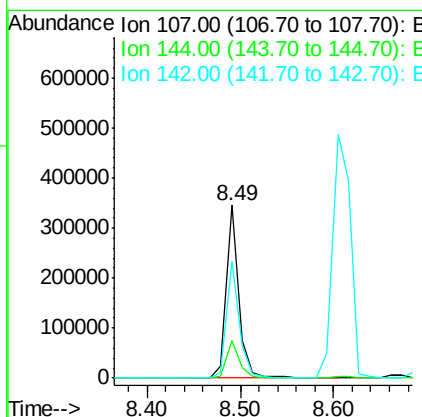
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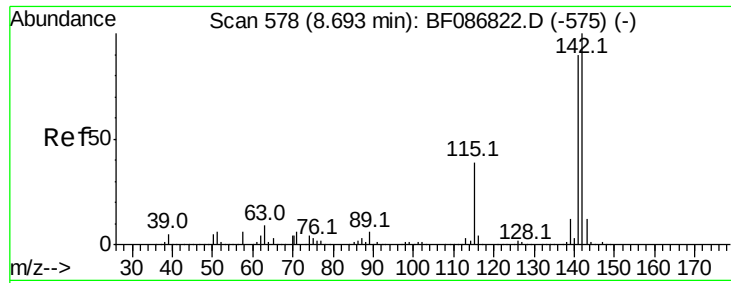
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#36
 4-Chloro-3-methylphenol
 Concen: 39.27 ng
 RT: 8.49 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: BF087089.D
 Acq: 16 May 2016 18:55

Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.0	20.7	31.1
142	67.7	63.2	94.8





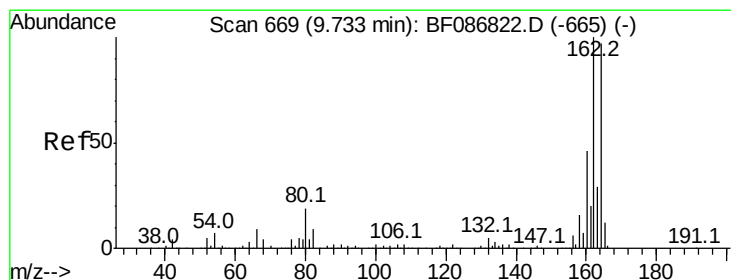
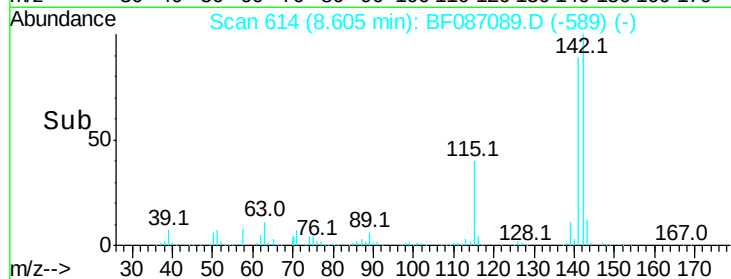
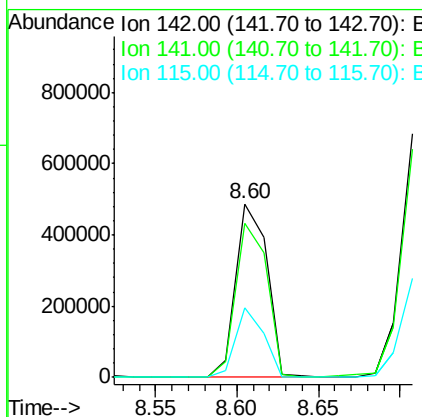
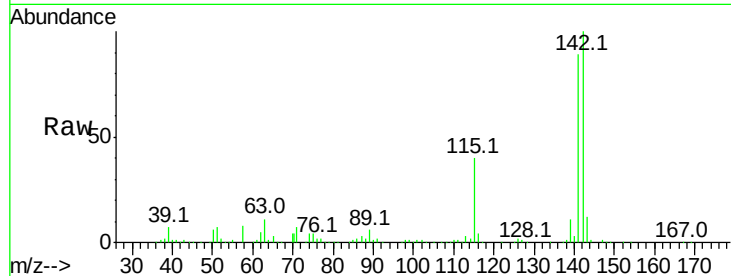
#37
2-Methylnaphthalene
Concen: 43.97 ng
RT: 8.60 min Scan# 614
Delta R.T. -0.01 min
Lab File: BF087089.D
Acq: 16 May 2016 18:55

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

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.0	106.6
115	39.9	26.6	39.8

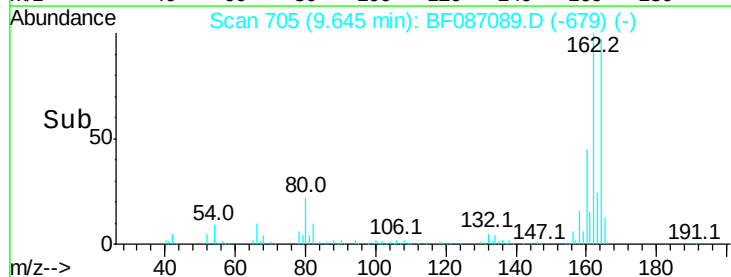
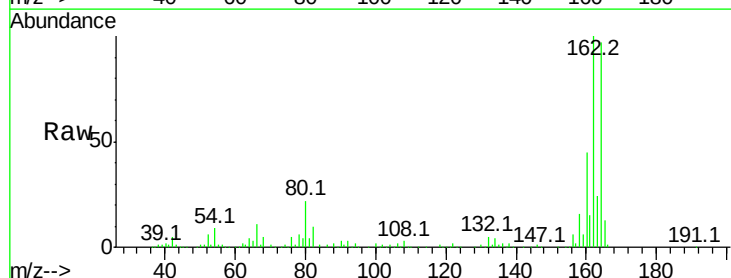
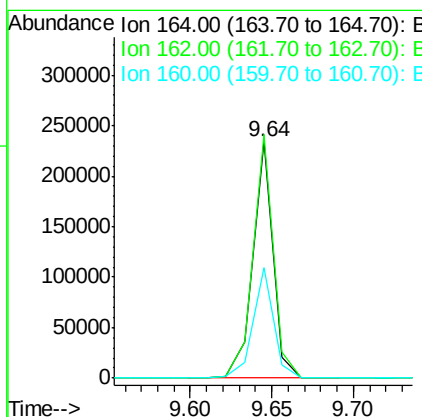
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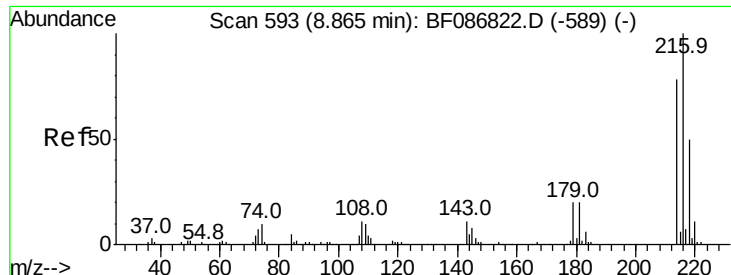
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.64 min Scan# 705
Delta R.T. 0.00 min
Lab File: BF087089.D
Acq: 16 May 2016 18:55

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.8	82.8	124.2
160	46.7	36.9	55.3





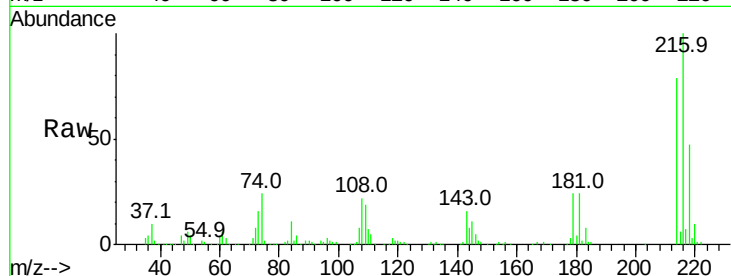
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 46.85 ng
 RT: 8.78 min Scan# 629
 Delta R.T. 0.00 min
 Lab File: BF087089.D
 Acq: 16 May 2016 18:55

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

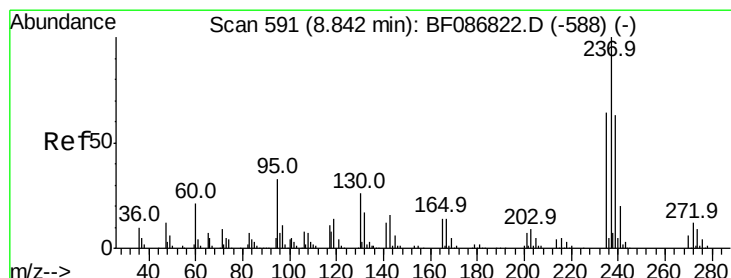
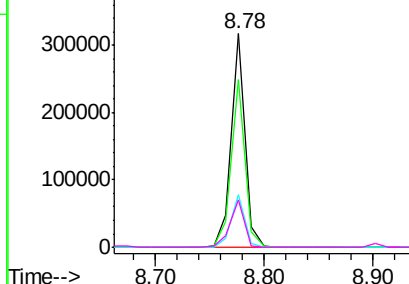
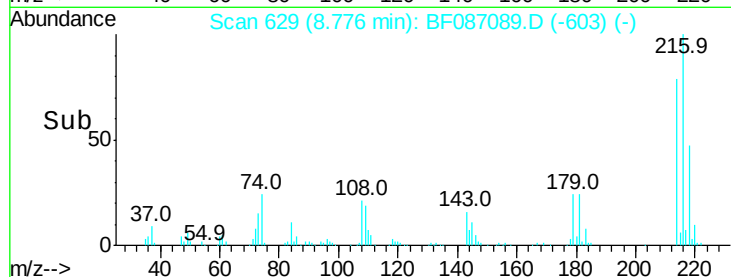
Tot Ion	Ratio	Resp	Lower	Upper
216	100	274495		
214	78.6	62.6	93.8	
179	24.3	18.2	27.4	
108	23.3	17.5	26.3	

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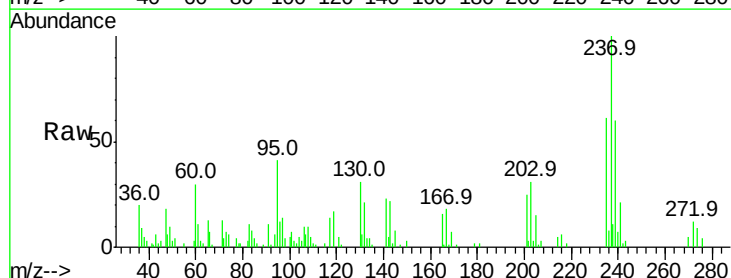


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

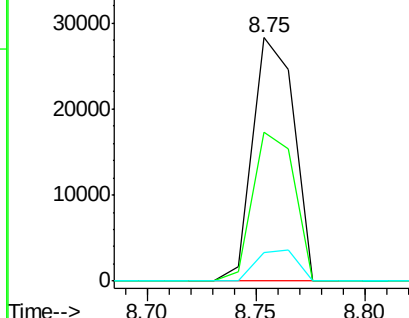
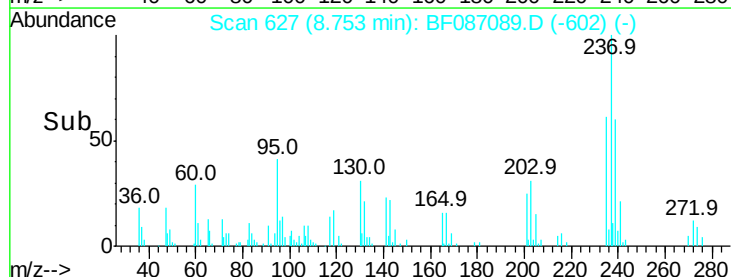


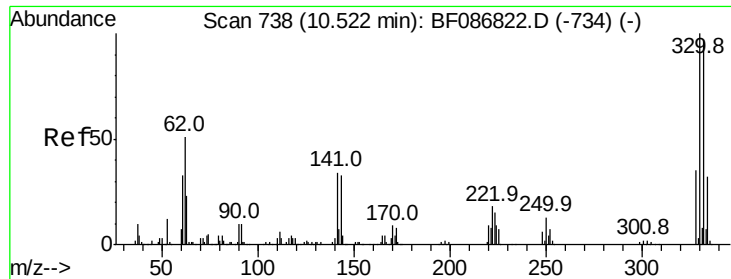
#40
 Hexachlorocyclopentadiene
 Concen: 13.45 ng
 RT: 8.75 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF087089.D
 Acq: 16 May 2016 18:55

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	37398		
235	61.2	47.2	87.2	
272	11.8	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





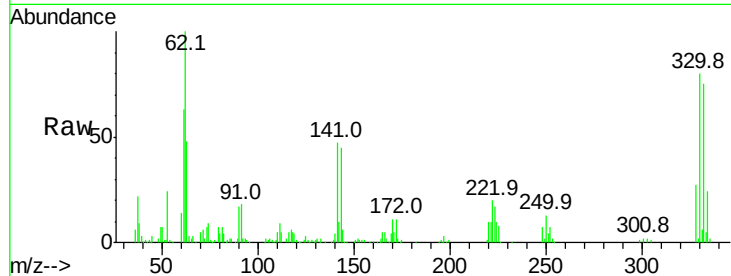
#41
 2,4,6-Tribromophenol
 Concen: 117.23 ng
 RT: 10.43 min Scan# 774
 Delta R.T. -0.01 min
 Lab File: BF087089.D
 Acq: 16 May 2016 18:55

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

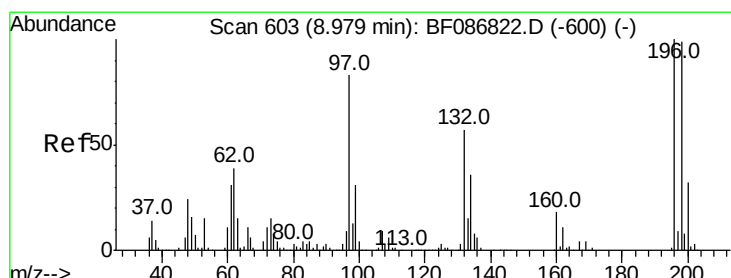
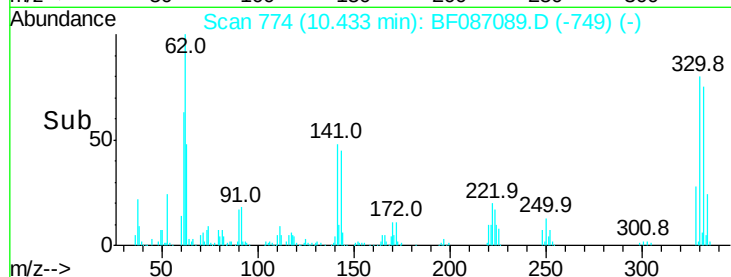
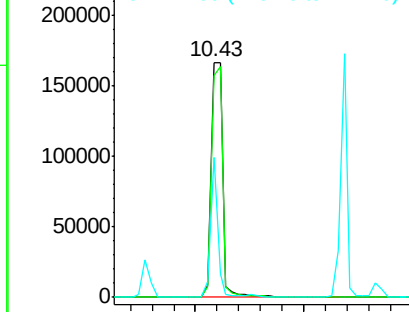
Tot Ion	Ratio	Resp	Lower	Upper
330	100	250075		
332	95.7	79.0	118.4	
141	36.2	31.2	46.8	

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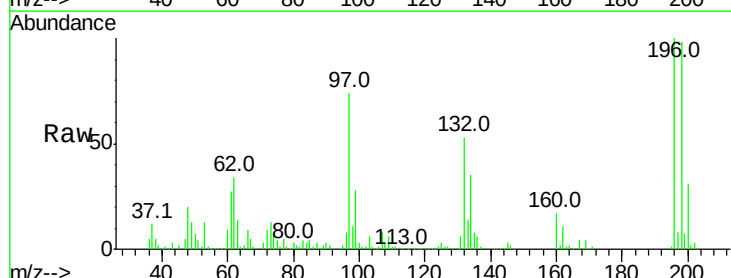


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

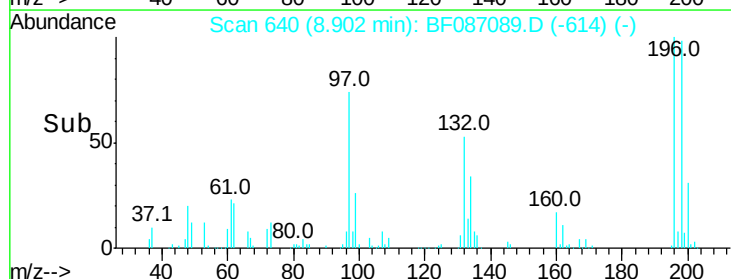
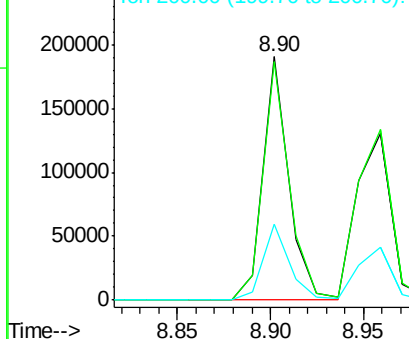


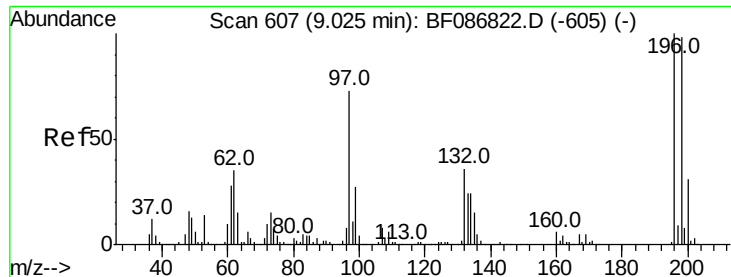
#42
 2,4,6-Trichlorophenol
 Concen: 46.59 ng
 RT: 8.90 min Scan# 640
 Delta R.T. 0.00 min
 Lab File: BF087089.D
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Tgt Ion	Ratio	Resp	Lower	Upper
196	100	182541		
198	97.9	74.7	112.1	
200	31.2	23.8	35.6	



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





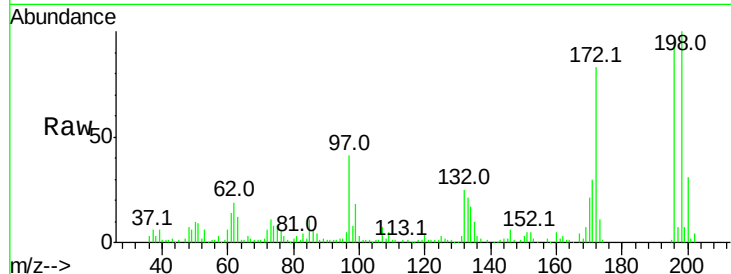
#43
 2,4,5-Trichlorophenol
 Concen: 41.37 ng
 RT: 8.96 min Scan# 645
 Delta R.T. 0.01 min
 Lab File: BF087089.D
 Acq: 16 May 2016 18:55

Instrument :
 BNA_F
 ClientSampleId :
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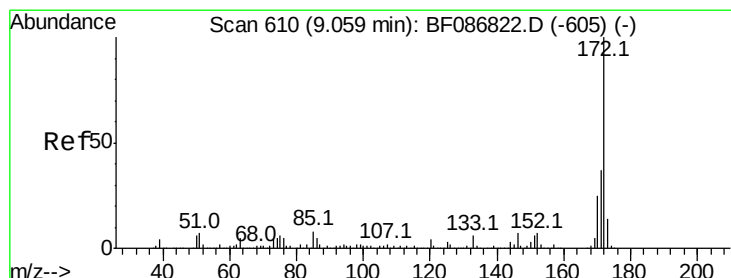
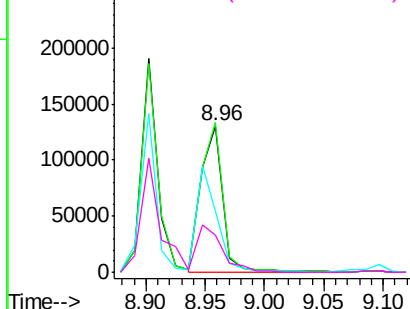
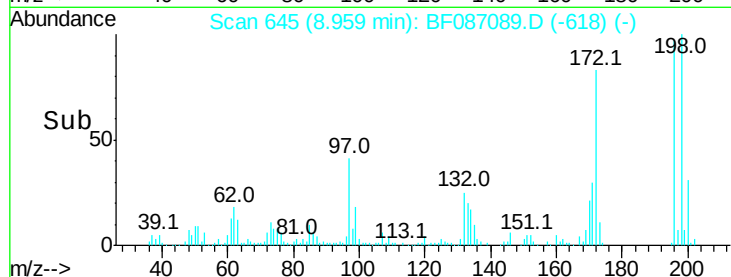
Tot Ion:	196	Resp:	167614
Ion Ratio	Lower	Upper	
196	100		
198	102.6	77.5	116.3
97	42.1	34.8	52.2
132	25.3	23.0	34.4

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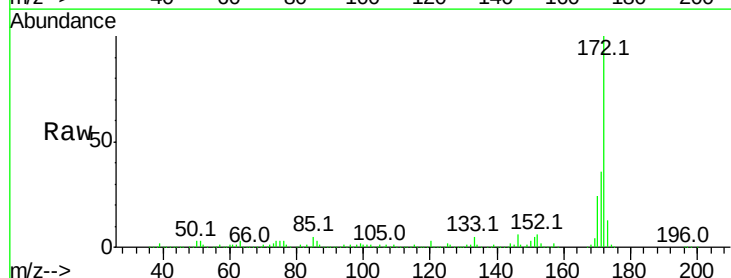


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

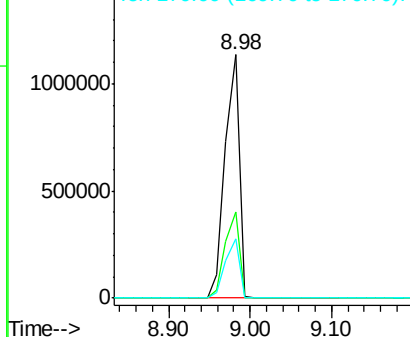
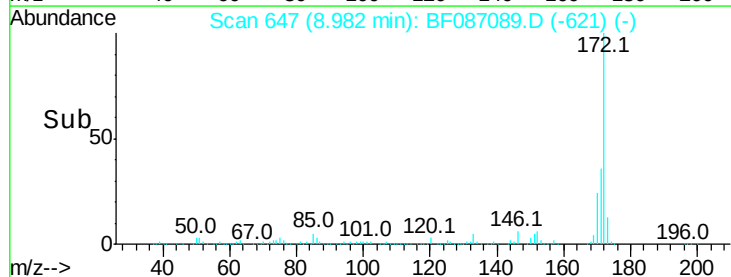


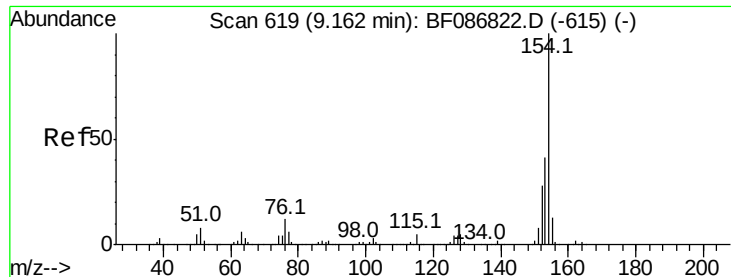
#44
 2-Fluorobiphenyl
 Concen: 114.14 ng
 RT: 8.98 min Scan# 647
 Delta R.T. 0.00 min
 Lab File: BF087089.D
 Acq: 16 May 2016 18:55

Tgt Ion:	172	Resp:	1368548
Ion Ratio	Lower	Upper	
172	100		
171	35.6	29.0	43.6
170	24.3	19.8	29.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 46.21 ng

RT: 9.07 min Scan# 655

Delta R.T. 0.00 min

Lab File: BF087089.D

Acq: 16 May 2016 18:55

Instrument :

BNA_F

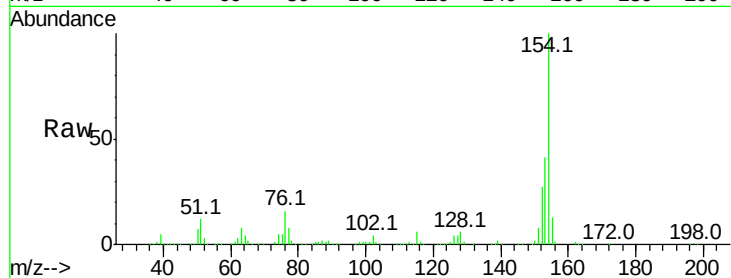
ClientSampleId :

HSR-WC-44-051216MS

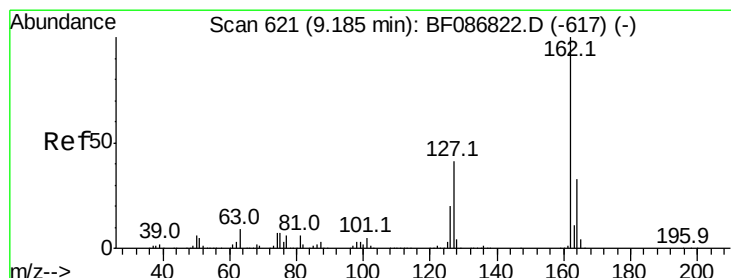
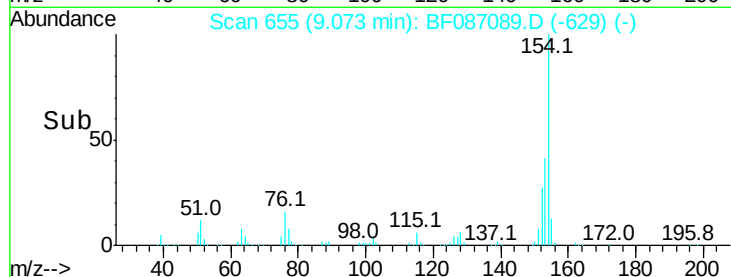
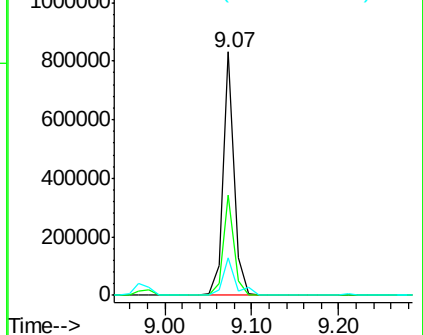
Tot Ion:	154	Resp:	740668
Ion Ratio	Lower	Upper	
154	100		
153	41.0	20.3	60.3
76	15.5	0.0	30.2

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 43.77 ng

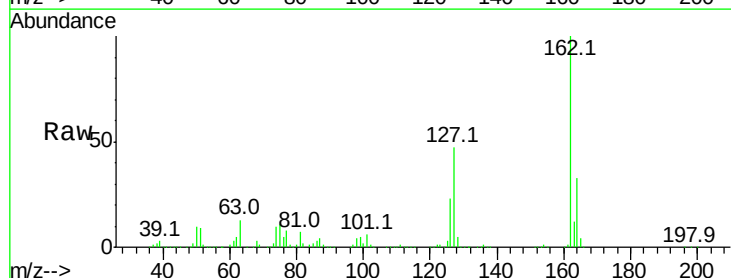
RT: 9.10 min Scan# 657

Delta R.T. 0.00 min

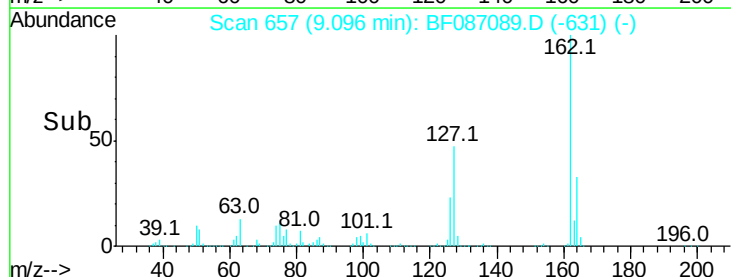
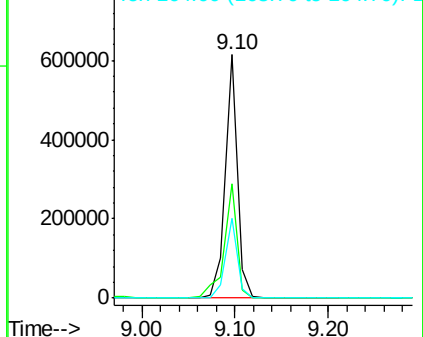
Lab File: BF087089.D

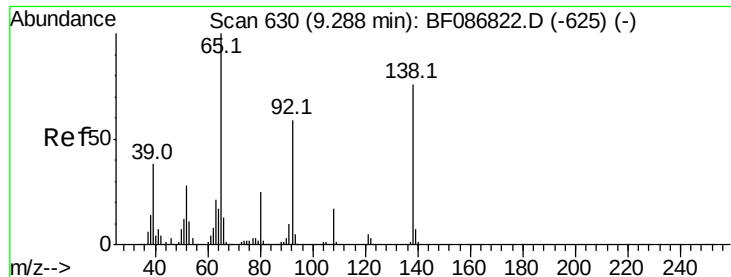
Acq: 16 May 2016 18:55

Tgt Ion:	162	Resp:	549592
Ion Ratio	Lower	Upper	
162	100		
127	46.8	31.8	47.6
164	32.8	27.0	40.6



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





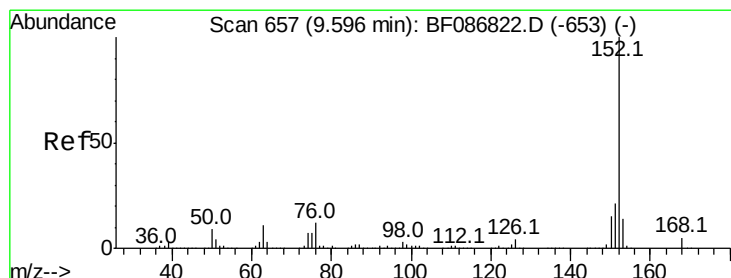
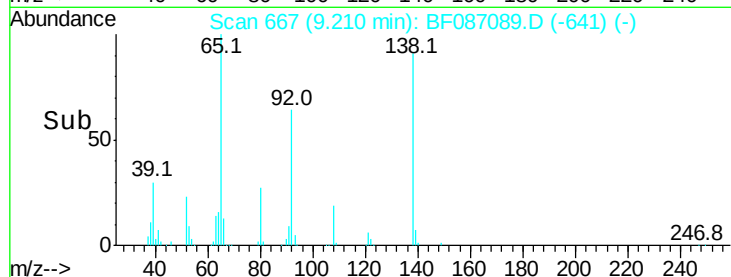
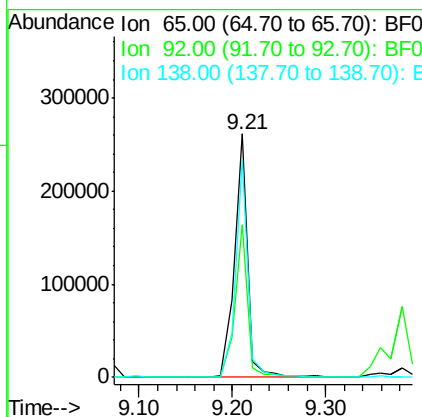
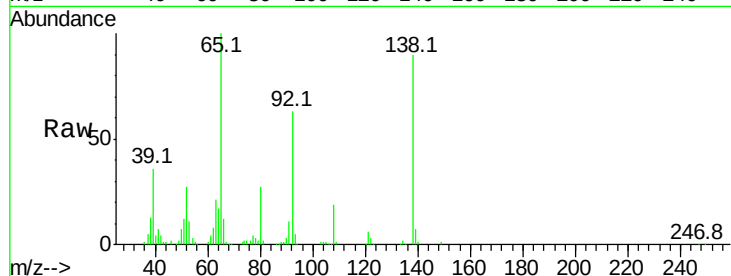
#47
2-Nitroaniline
Concen: 56.94 ng
RT: 9.21 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF087089.D
Acq: 16 May 2016 18:55

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

Tot Ion	Ratio	Lower	Upper
65	100		
92	62.7	57.4	86.2
138	89.6	90.1	135.1#

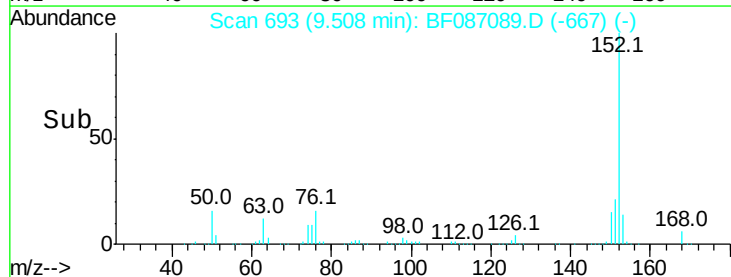
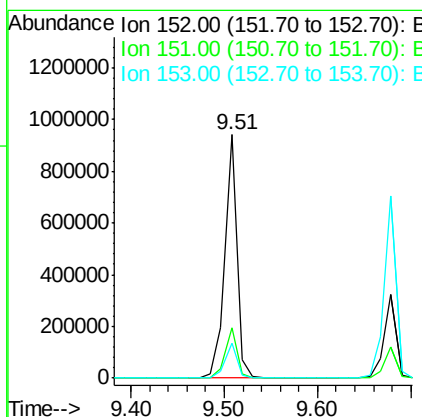
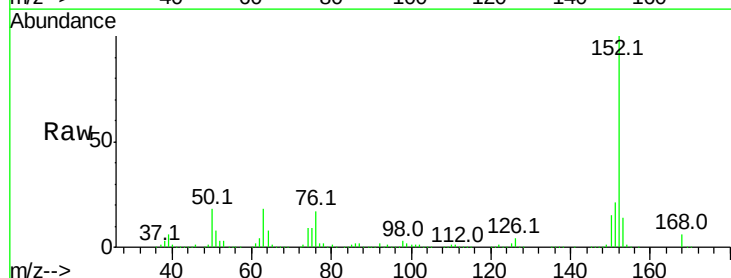
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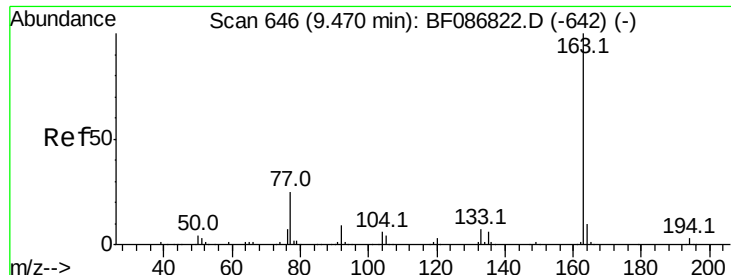
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#48
Acenaphthylene
Concen: 45.70 ng
RT: 9.51 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF087089.D
Acq: 16 May 2016 18:55

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.8	25.2
153	14.3	10.9	16.3





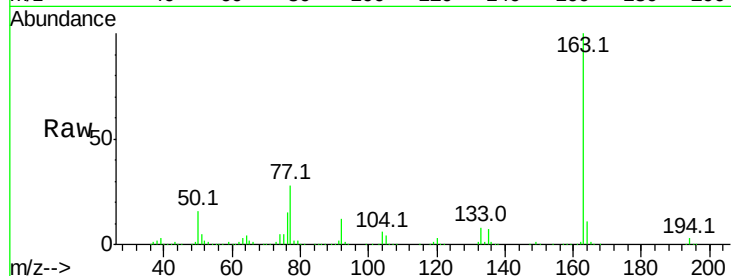
#49
Dimethylphthalate
Concen: 44.59 ng
RT: 9.38 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF087089.D
Acq: 16 May 2016 18:55

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

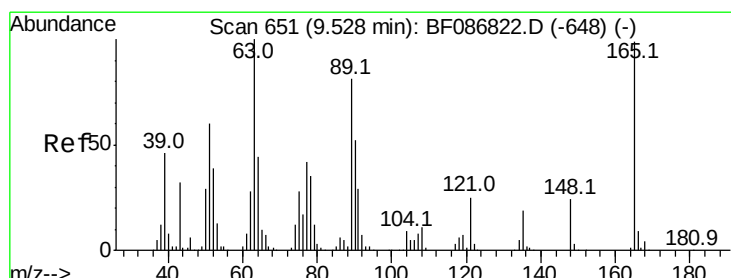
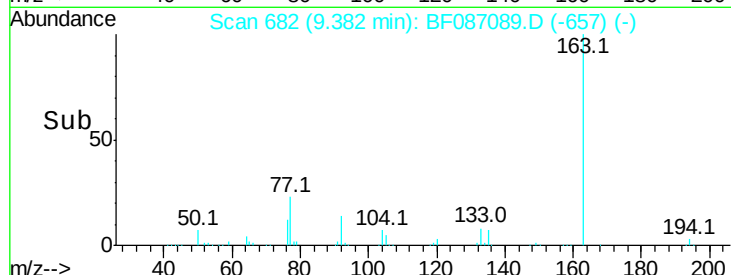
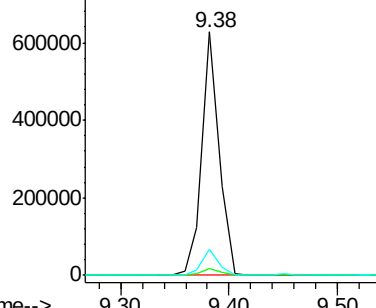
Tot Ion	Ratio	Resp	Lower	Upper
163	100	685443		
194	3.0		2.6	4.0
164	10.6		8.2	12.4

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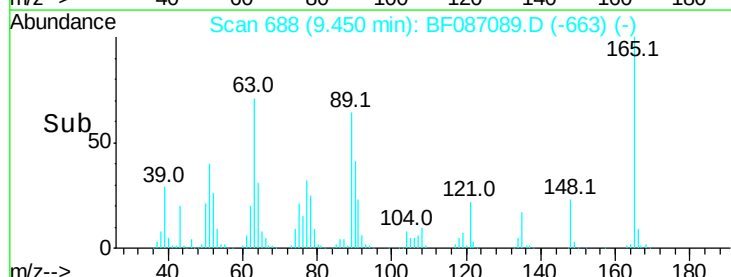
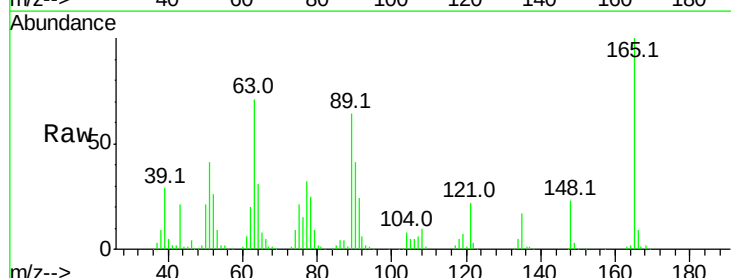
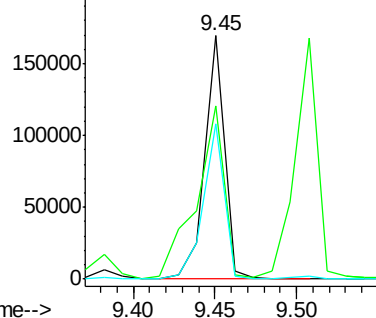
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

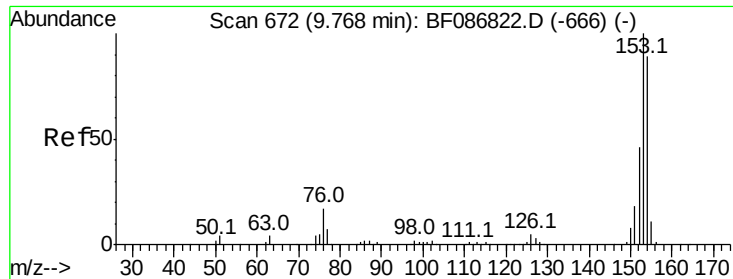


#50
2,6-Dinitrotoluene
Concen: 43.37 ng
RT: 9.45 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF087089.D
Acq: 16 May 2016 18:55

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	140308		
63	71.4		51.8	77.8
89	64.0		50.7	76.1

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





#51

Acenaphthene

Concen: 47.73 ng

RT: 9.68 min Scan# 708

Delta R.T. 0.00 min

Lab File: BF087089.D

Acq: 16 May 2016 18:55

Instrument :

BNA_F

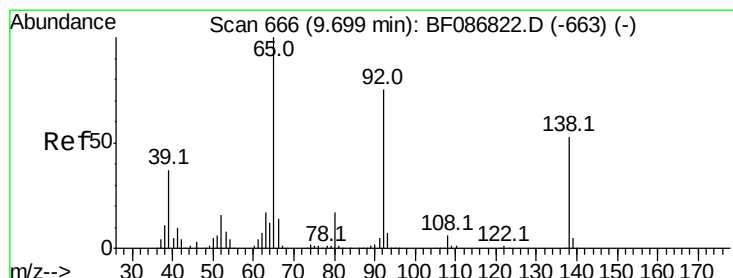
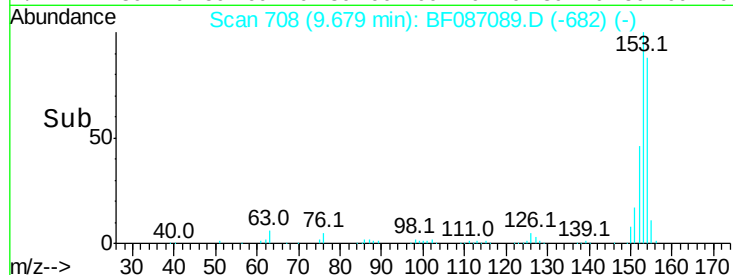
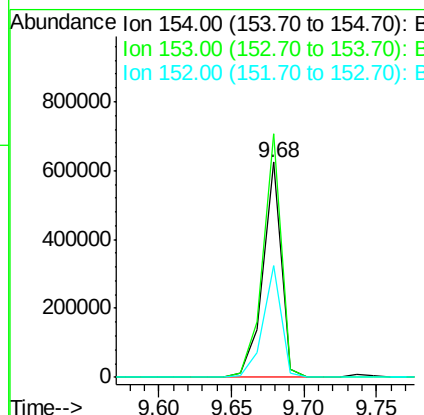
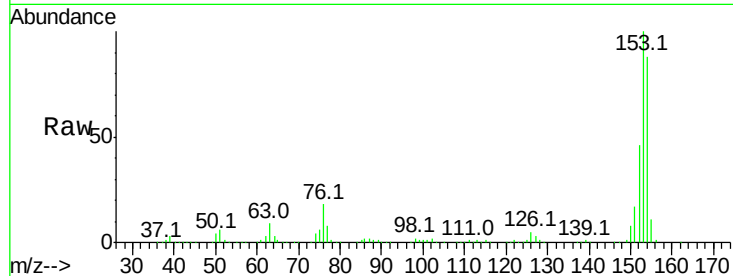
ClientSampleId :

HSR-WC-44-051216MS

Tot Ion:	154	Resp:	548413
Ion Ratio	Lower	Upper	
154	100		
153	113.2	89.8	134.6
152	51.8	43.4	65.0

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#52

3-Nitroaniline

Concen: 22.98 ng

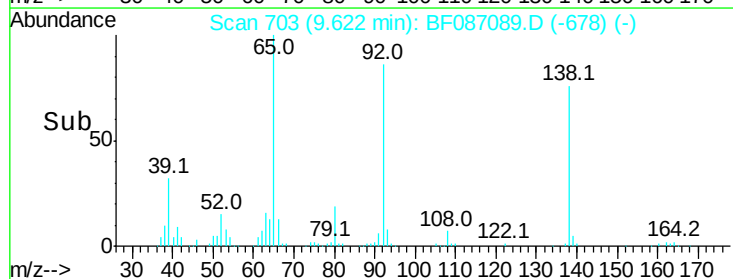
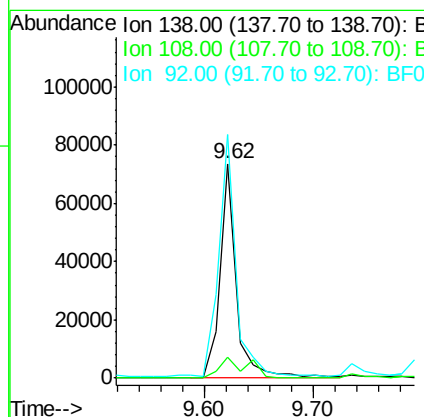
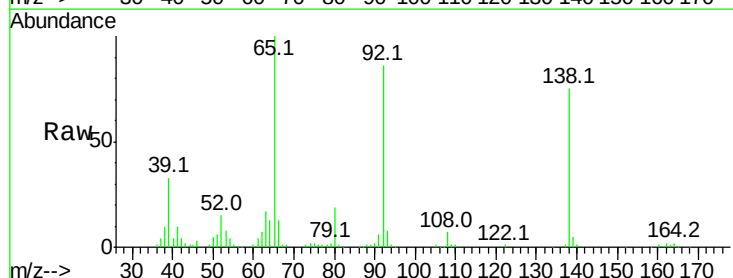
RT: 9.62 min Scan# 703

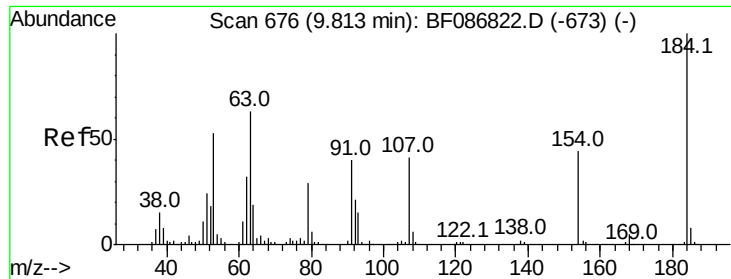
Delta R.T. -0.01 min

Lab File: BF087089.D

Acq: 16 May 2016 18:55

Tgt Ion:	138	Resp:	78273
Ion Ratio	Lower	Upper	
138	100		
108	9.8	7.8	11.6
92	113.6	87.8	131.8





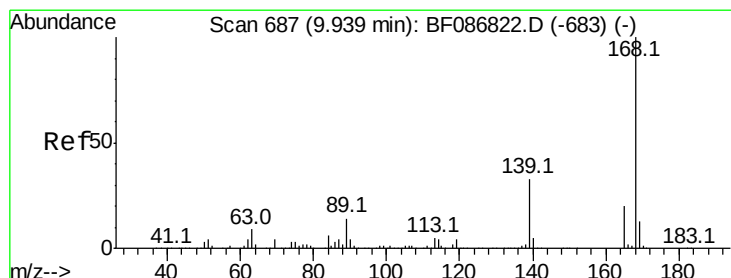
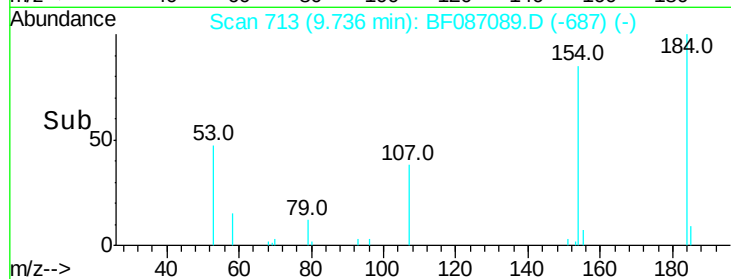
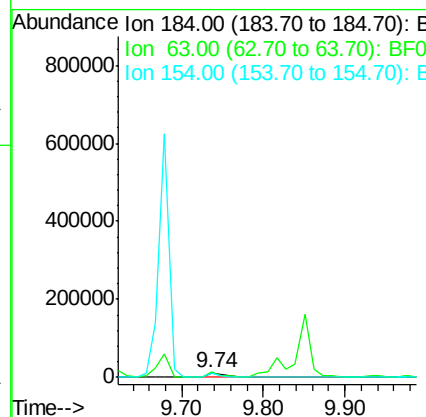
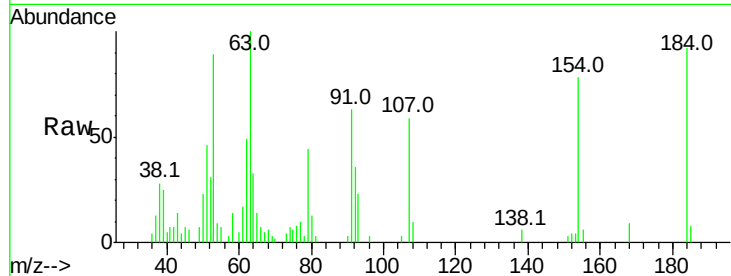
#53
 2,4-Dinitrophenol
 Concen: 19.60 ng
 RT: 9.74 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: BF087089.D
 Acq: 16 May 2016 18:55

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

Tot Ion	Ratio	Resp	Lower	Upper
184	100	21788		
63	108.3	55.8	83.8#	
154	84.6	62.4	93.6	

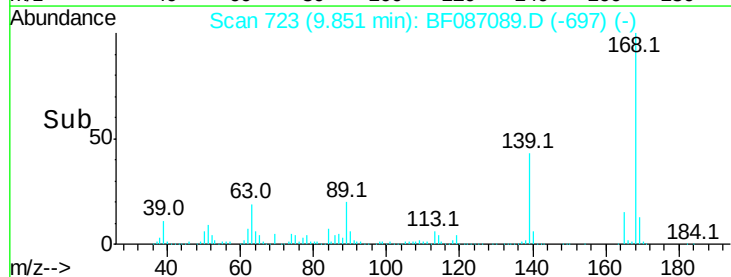
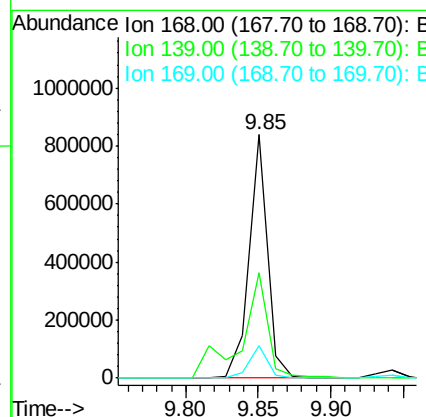
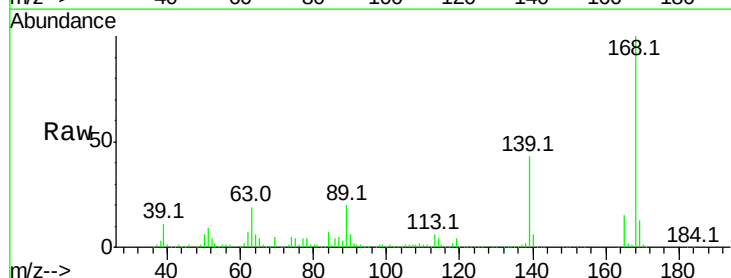
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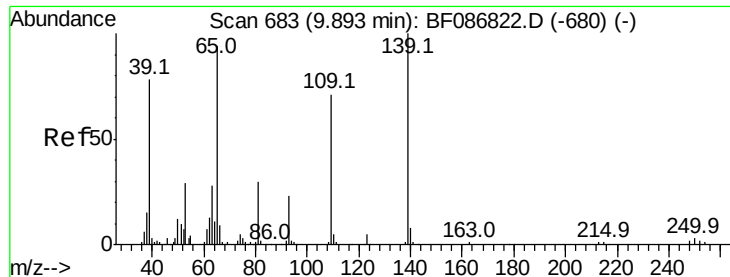
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#54
 Dibenzofuran
 Concen: 50.23 ng
 RT: 9.85 min Scan# 723
 Delta R.T. 0.00 min
 Lab File: BF087089.D
 Acq: 16 May 2016 18:55

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	740885		
139	43.2	31.4	47.0	
169	13.5	10.7	16.1	





#55

4-Nitrophenol

Concen: 54.08 ng/mL

RT: 9.82 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF087089.D

Acq: 16 May 2016 18:55

Instrument :

BNA_F

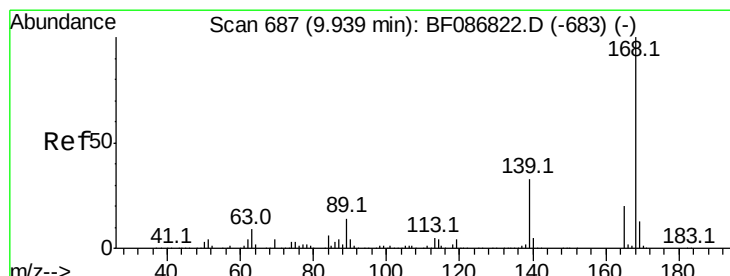
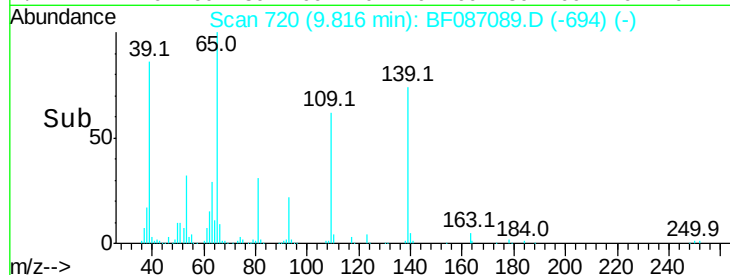
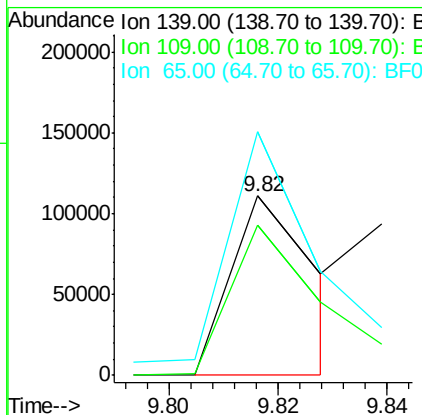
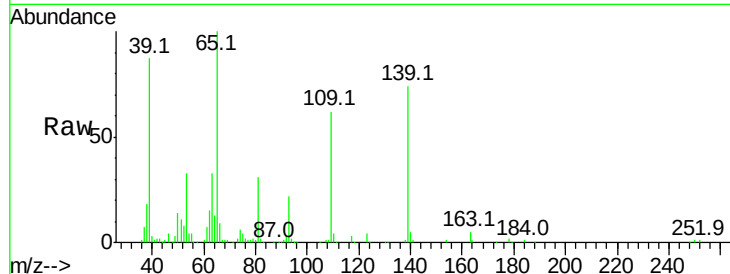
ClientSampleId :

HSR-WC-44-051216MS

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Tot Ion:139	Resp:	119265
Ion Ratio	Lower	Upper
139 100		
109 83.8	36.9	76.9#
65 136.0	64.0	104.0#



#56

2,4-Dinitrotoluene

Concen: 34.48 ng/mL

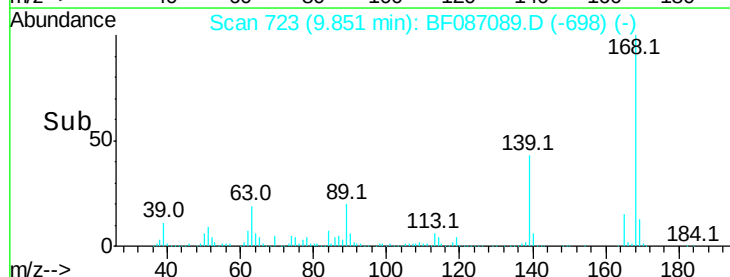
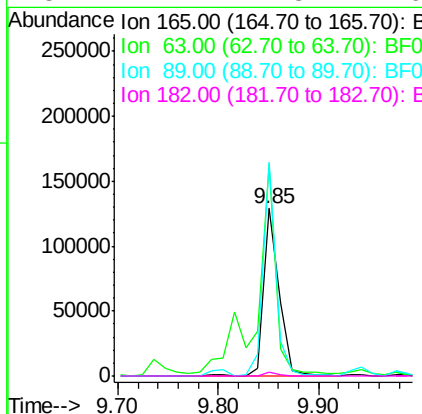
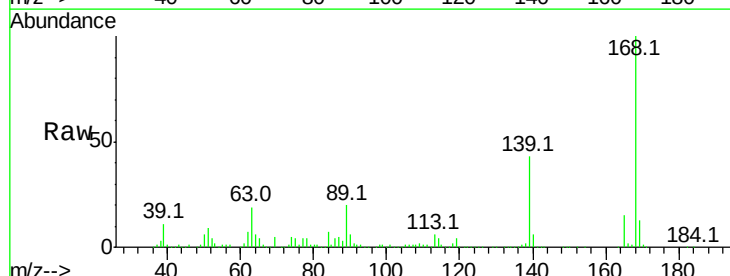
RT: 9.85 min Scan# 723

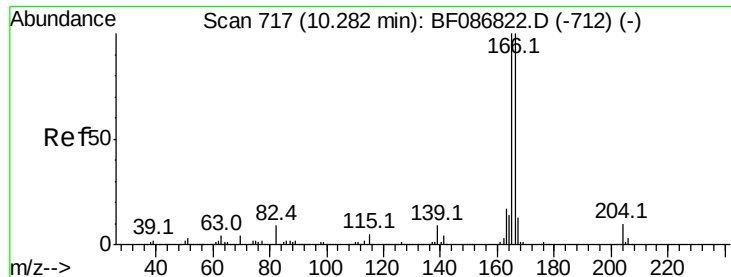
Delta R.T. -0.01 min

Lab File: BF087089.D

Acq: 16 May 2016 18:55

Tgt Ion:165	Resp:	138058
Ion Ratio	Lower	Upper
165 100		
63 125.6	44.3	66.5#
89 127.4	70.0	105.0#
182 2.2	1.8	2.6





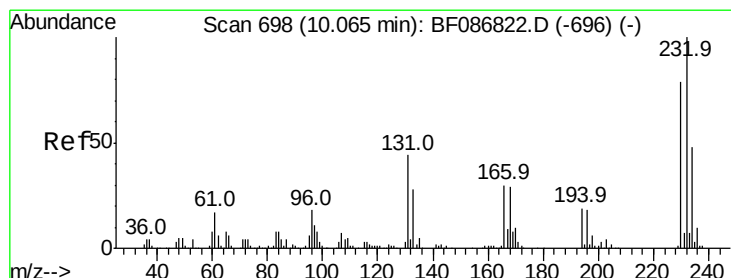
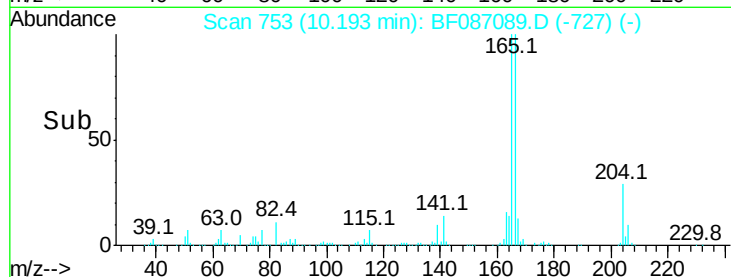
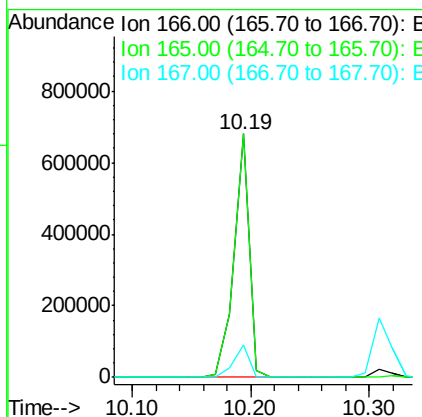
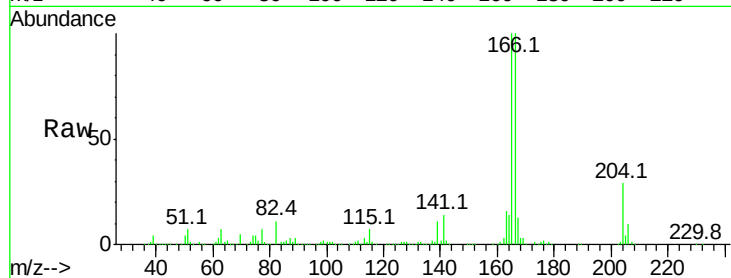
#57
 Fluorene
 Concen: 48.61 ng
 RT: 10.19 min Scan# 753
 Delta R.T. 0.00 min
 Lab File: BF087089.D
 Acq: 16 May 2016 18:55

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

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	100.1	79.0	118.6	
167	13.4	10.6	15.8	

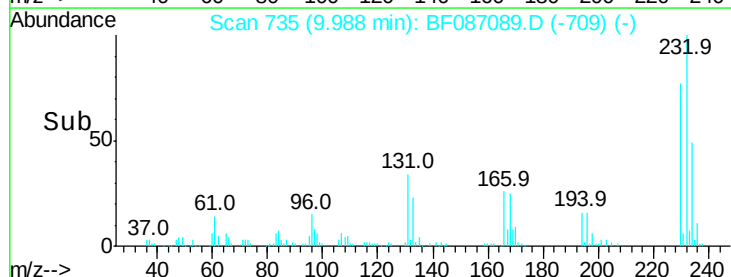
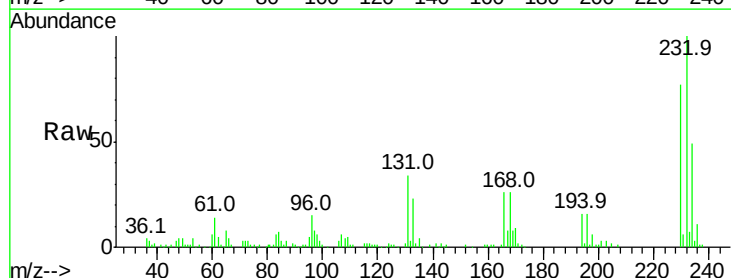
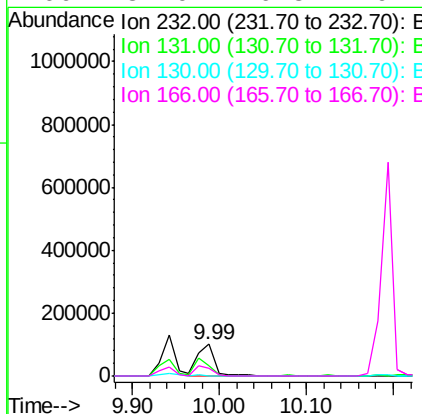
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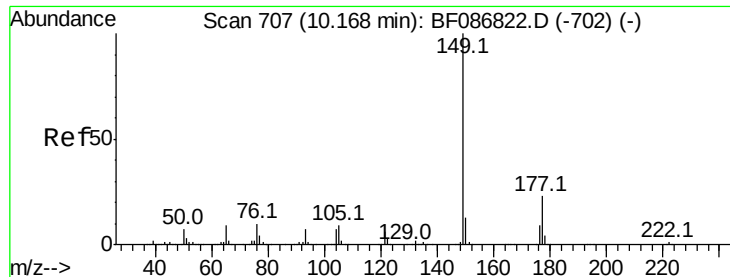
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 43.86 ng
 RT: 9.99 min Scan# 735
 Delta R.T. 0.00 min
 Lab File: BF087089.D
 Acq: 16 May 2016 18:55

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	49.7	41.9	62.9	
130	2.8	2.2	3.4	
166	32.0	26.8	40.2	





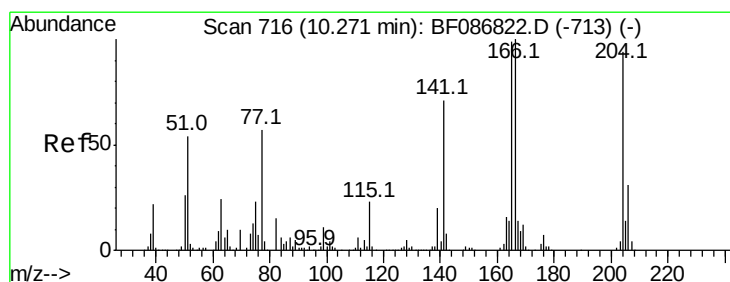
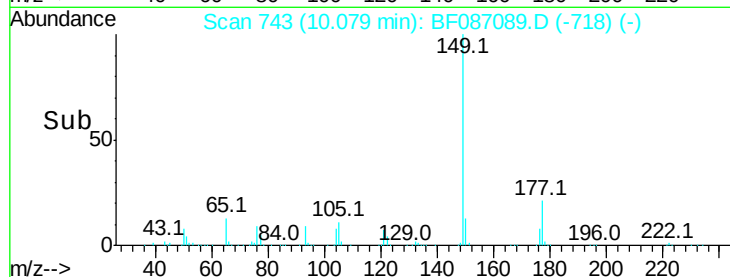
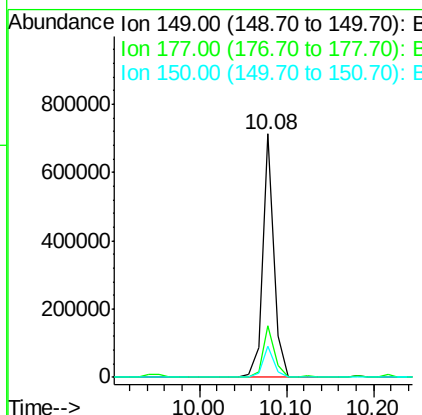
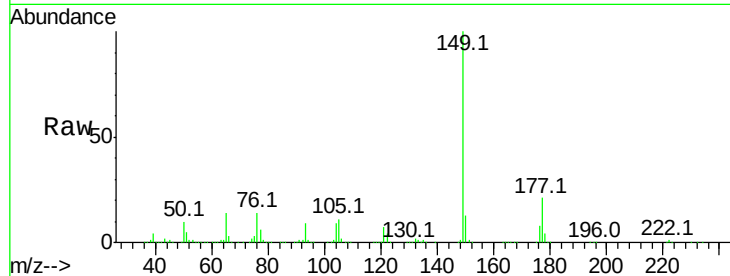
#59
Diethylphthalate
Concen: 42.93 ng
RT: 10.08 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF087089.D
Acq: 16 May 2016 18:55

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

Tot Ion	Ratio	Resp	Lower	Upper
149	100	643193		
177	21.1	16.6	24.8	
150	13.0	10.0	15.0	

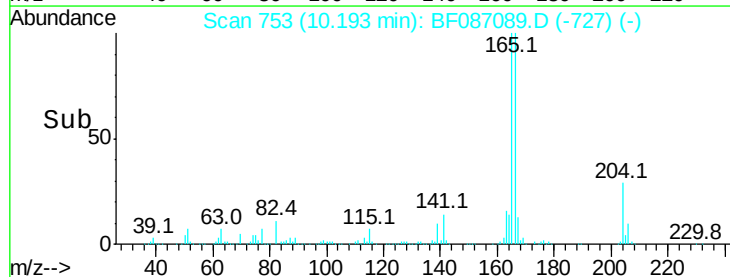
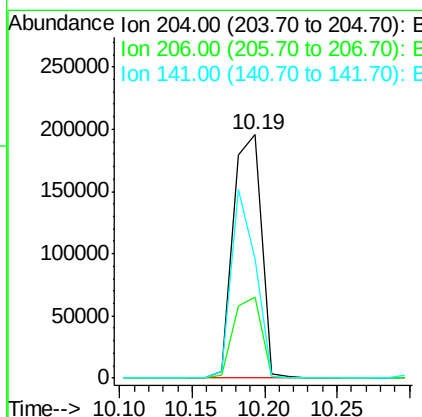
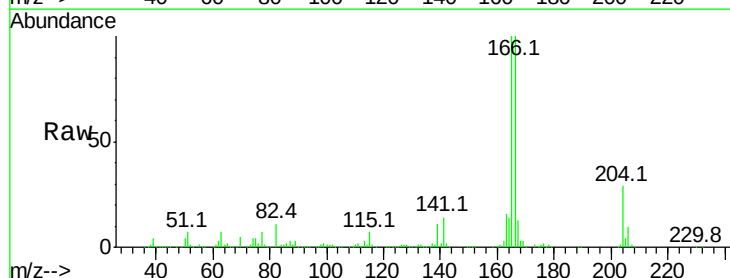
Manual Integrations
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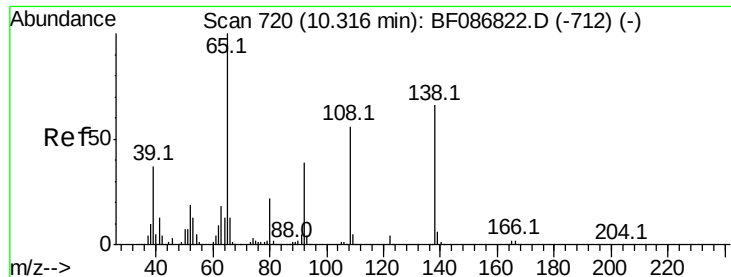
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#60
4-Chlorophenyl-phenylether
Concen: 49.58 ng
RT: 10.19 min Scan# 753
Delta R.T. 0.00 min
Lab File: BF087089.D
Acq: 16 May 2016 18:55

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	264572		
206	33.2	25.4	38.0	
141	49.2	61.6	92.4#	





#61

4-Nitroaniline

Concen: 45.63 ng

RT: 10.24 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF087089.D

Acq: 16 May 2016 18:55

Instrument :

BNA_F

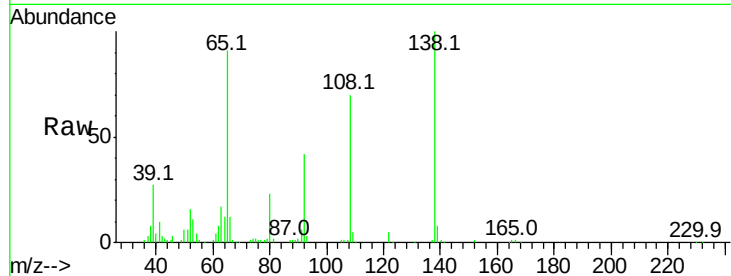
ClientSampleId :

HSR-WC-44-051216MS

Tot Ion:	138	Resp:	149267
Ion Ratio	Lower	Upper	
138	100		
92	42.4	24.7	64.7
108	70.2	37.4	77.4

Manual Integrations
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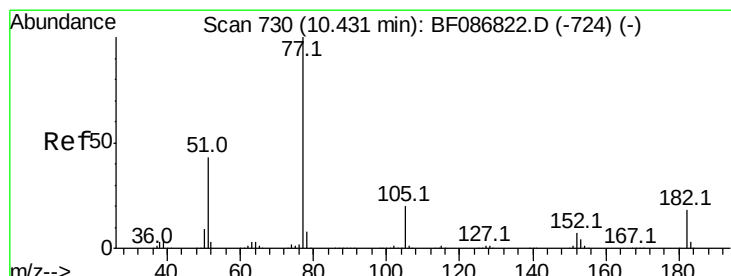
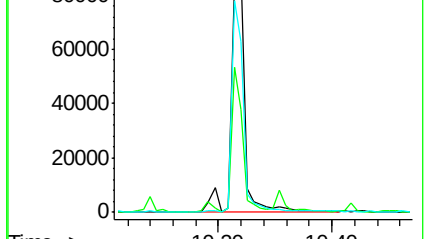
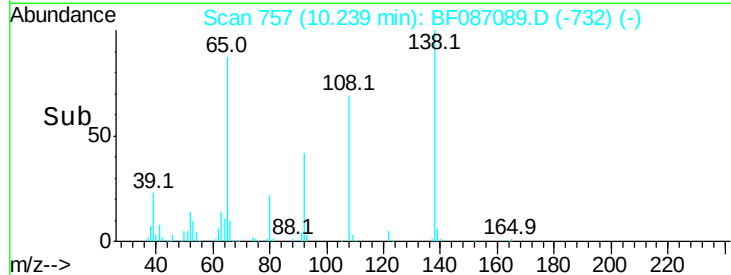


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E

Time-->



#62

Azobenzene

Concen: 43.52 ng

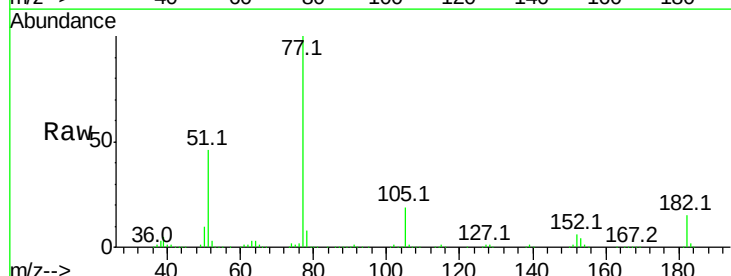
RT: 10.34 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF087089.D

Acq: 16 May 2016 18:55

Tgt Ion:	77	Resp:	703414
Ion Ratio	Lower	Upper	
77	100		
182	14.7	0.0	38.8
105	19.1	3.2	43.2
51	45.8	8.8	48.8



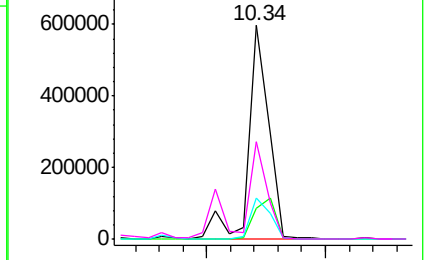
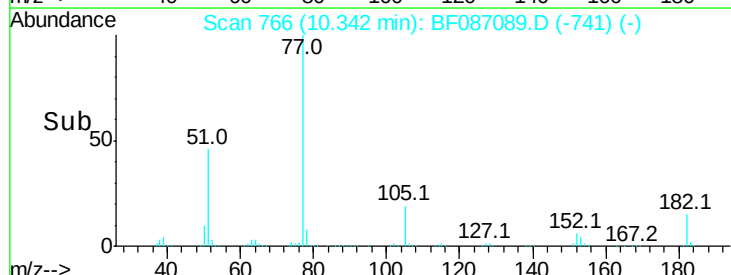
Abundance Ion 77.00 (76.70 to 77.70): BF0

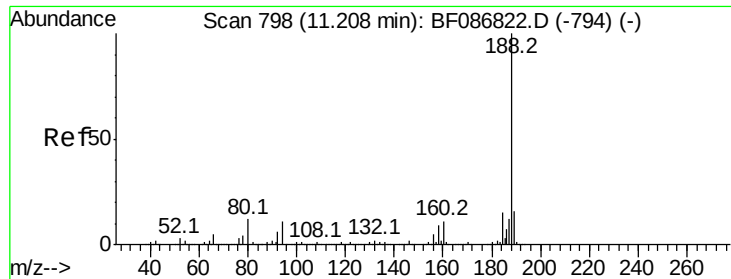
Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

Time-->





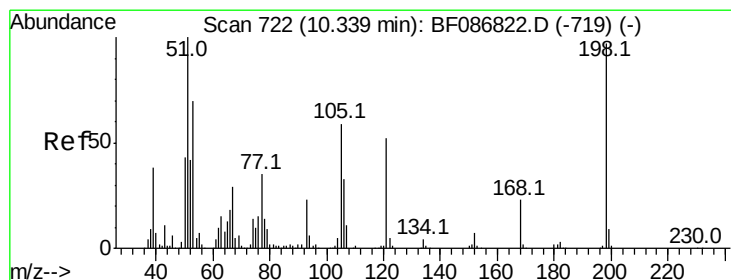
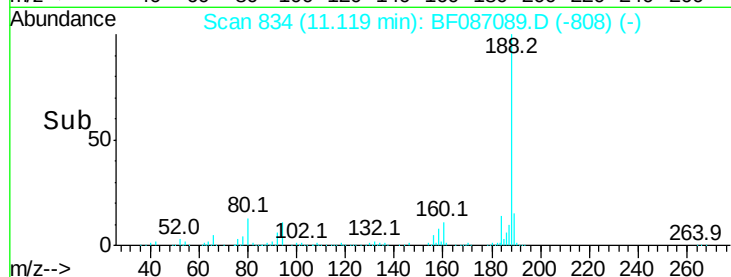
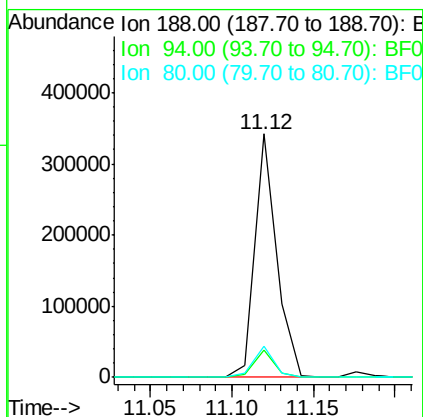
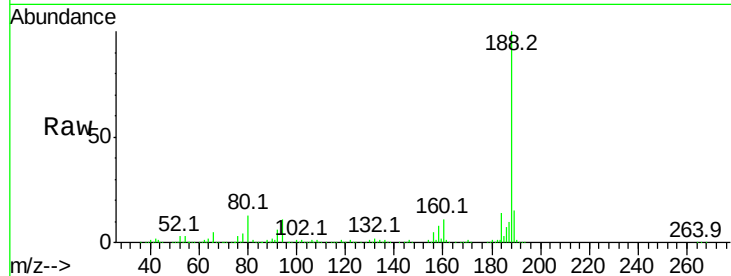
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.12 min Scan# 834
Delta R.T. 0.00 min
Lab File: BF087089.D
Acq: 16 May 2016 18:55

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

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	11.5	6.8	10.2#
80	12.9	7.1	10.7#

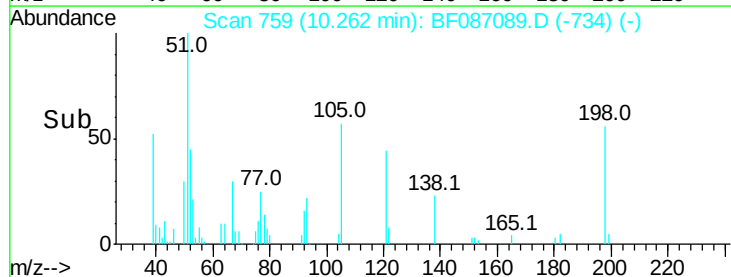
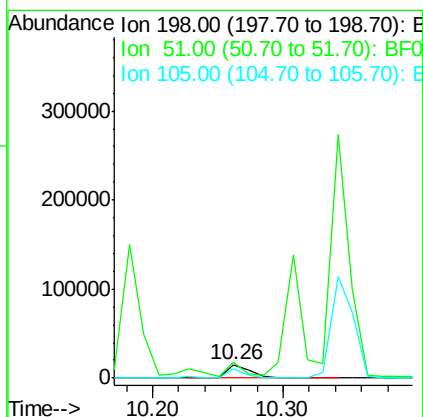
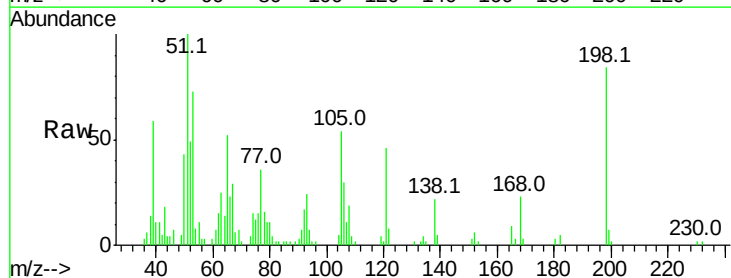
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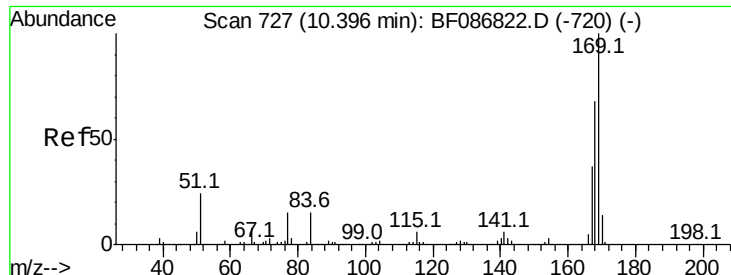
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#64
4,6-Dinitro-2-methylphenol
Concen: 9.33 ng
RT: 10.26 min Scan# 759
Delta R.T. -0.01 min
Lab File: BF087089.D
Acq: 16 May 2016 18:55

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	119.7	20.5	60.5#
105	64.6	24.5	64.5#





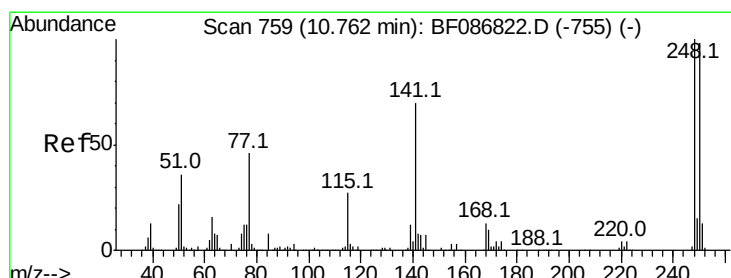
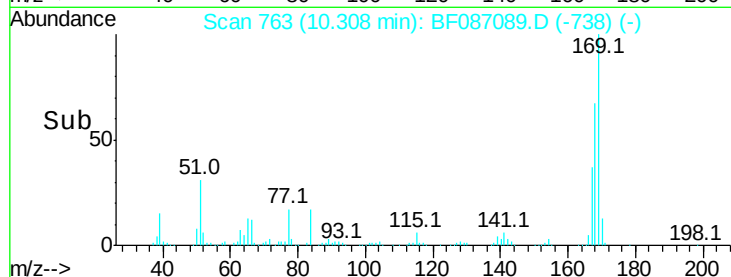
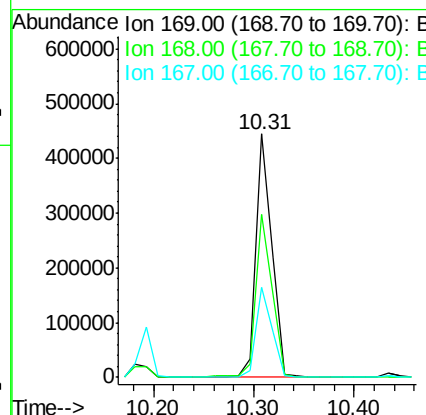
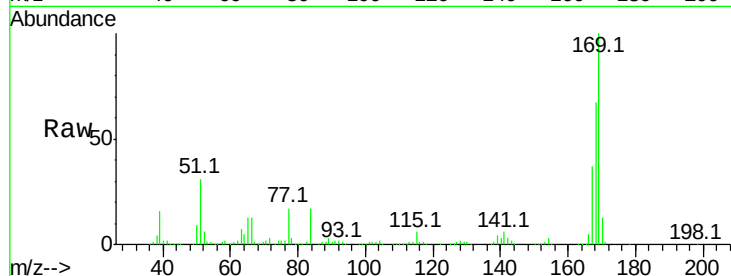
#65
n-Nitrosodiphenylamine
Concen: 49.29 ng
RT: 10.31 min Scan# 763
Delta R.T. -0.01 min
Lab File: BF087089.D
Acq: 16 May 2016 18:55

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

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	66.9	53.8	80.6	
167	37.2	29.5	44.3	

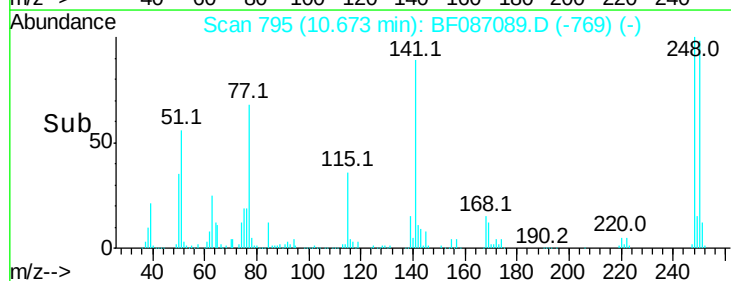
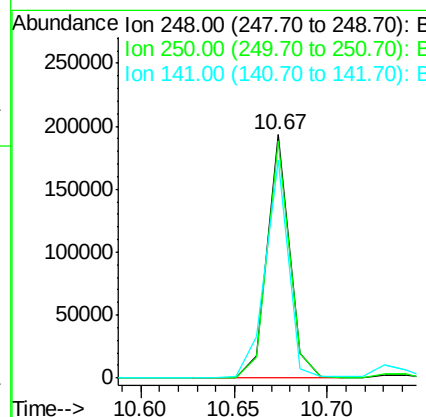
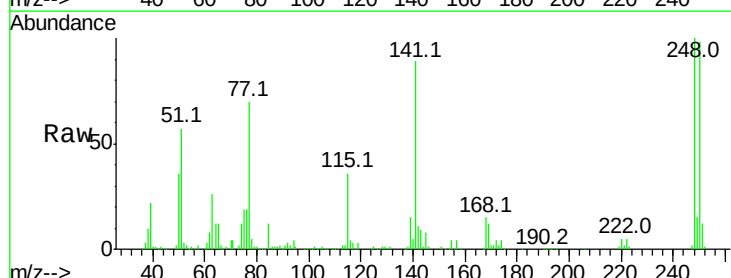
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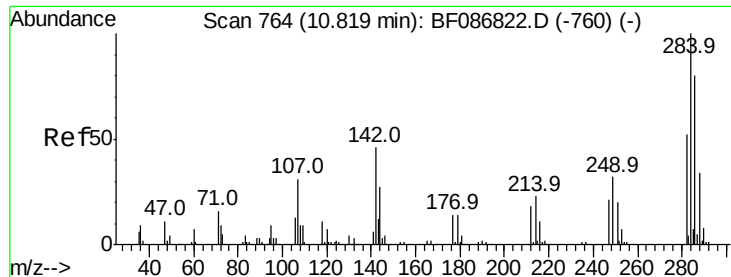
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#66
4-Bromophenyl-phenylether
Concen: 49.00 ng
RT: 10.67 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF087089.D
Acq: 16 May 2016 18:55

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	97.7	78.6	117.8	
141	89.3	76.0	114.0	





#67

Hexachlorobenzene

Concen: 45.36 ng

RT: 10.74 min Scan# 801

Delta R.T. 0.00 min

Lab File: BF087089.D

Acq: 16 May 2016 18:55

Instrument :

BNA_F

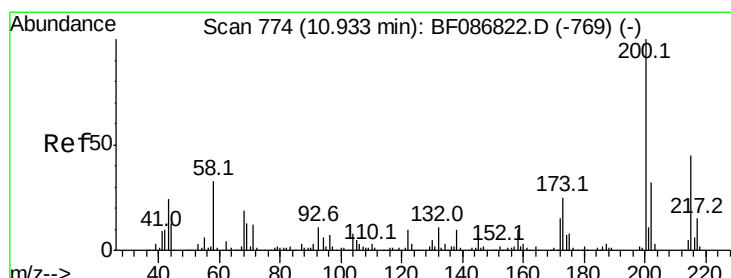
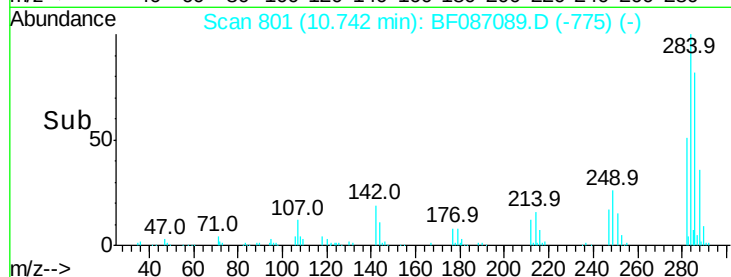
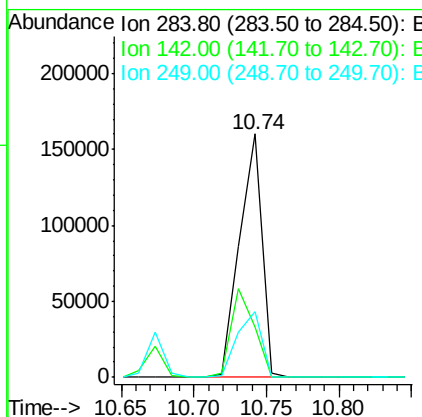
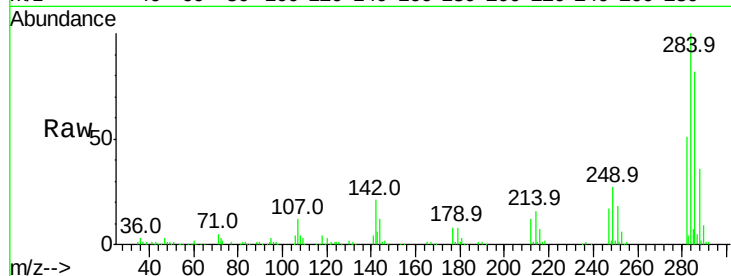
ClientSampleId :

HSR-WC-44-051216MS

Tot Ion:	284	Resp:	172759
Ion Ratio	Lower	Upper	
284	100		
142	20.9	16.7	25.1
249	27.1	21.3	31.9

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#68

Atrazine

Concen: 39.76 ng

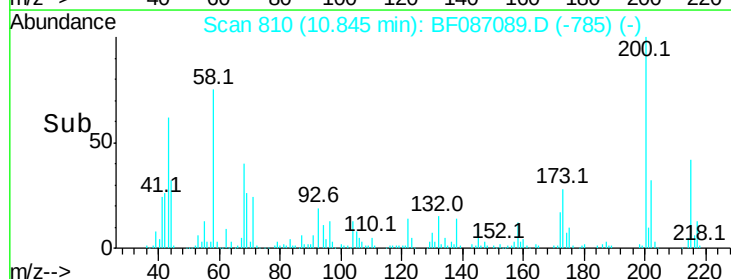
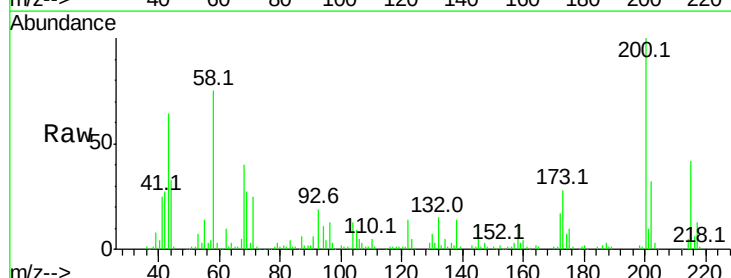
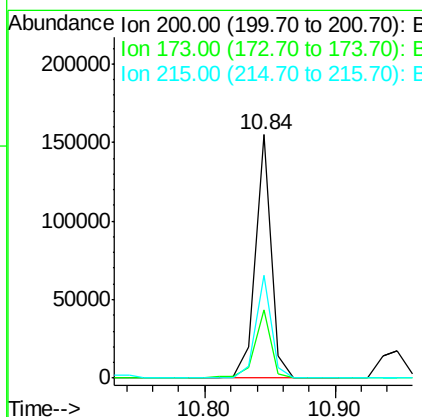
RT: 10.84 min Scan# 810

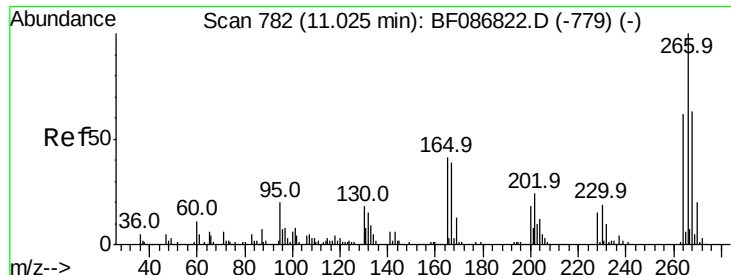
Delta R.T. -0.01 min

Lab File: BF087089.D

Acq: 16 May 2016 18:55

Tgt Ion:	200	Resp:	131145
Ion Ratio	Lower	Upper	
200	100		
173	28.1	8.5	48.5
215	42.3	27.2	67.2





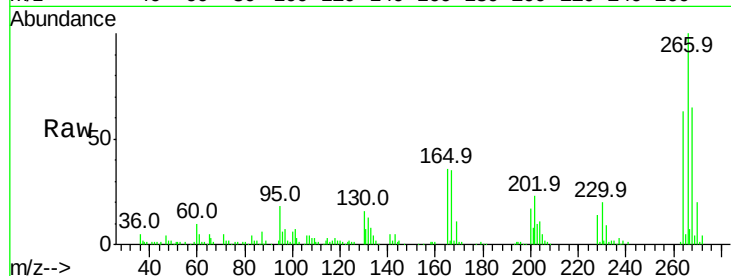
#69
 Pentachlorophenol
 Concen: 84.12 ng
 RT: 10.95 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BF087089.D
 Acq: 16 May 2016 18:55

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

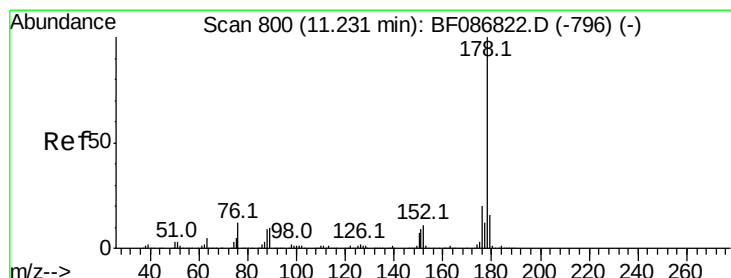
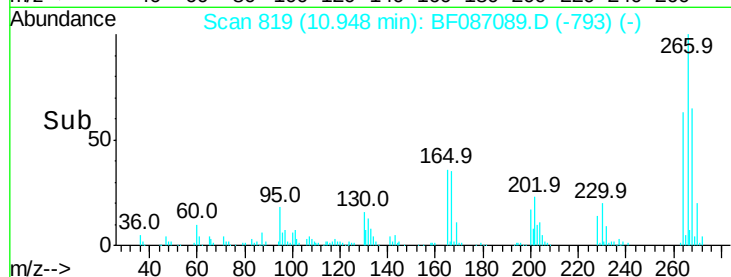
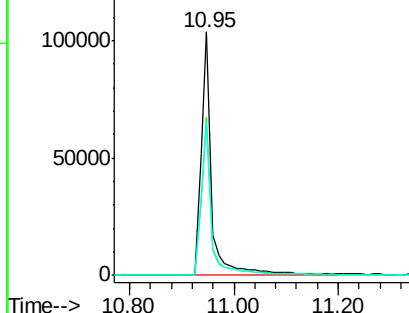
Tot Ion:	266	Resp:	148054
Ion Ratio	Lower	Upper	
266	100		
268	64.9	51.5	77.3
264	62.9	52.9	79.3

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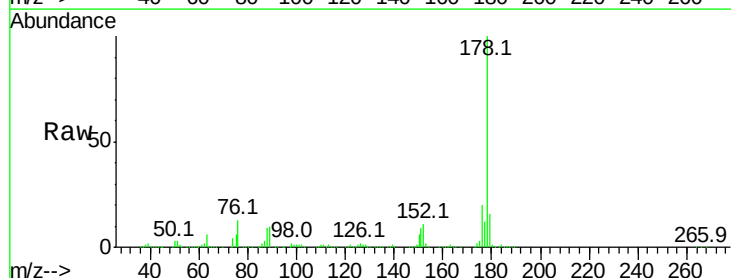


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

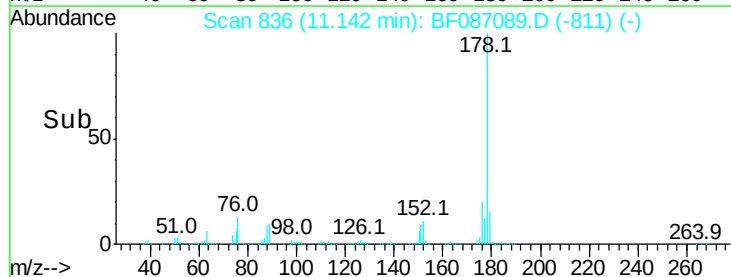
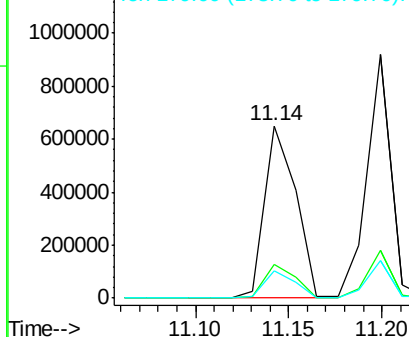


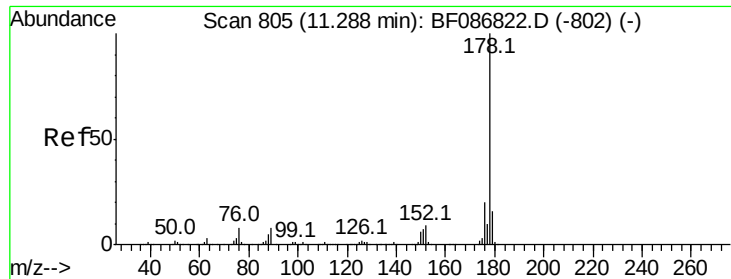
#70
 Phenanthrene
 Concen: 43.95 ng
 RT: 11.14 min Scan# 836
 Delta R.T. -0.01 min
 Lab File: BF087089.D
 Acq: 16 May 2016 18:55

Tgt Ion:	178	Resp:	753921
Ion Ratio	Lower	Upper	
178	100		
176	19.7	16.0	24.0
179	15.8	12.6	18.8



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





#71

Anthracene

Concen: 46.62 ng

RT: 11.20 min Scan# 841

Delta R.T. 0.00 min

Lab File: BF087089.D

Acq: 16 May 2016 18:55

Instrument :

BNA_F

ClientSampleId :

HSR-WC-44-051216MS

Tot Ion:178 Resp: 817774

Ion Ratio Lower Upper

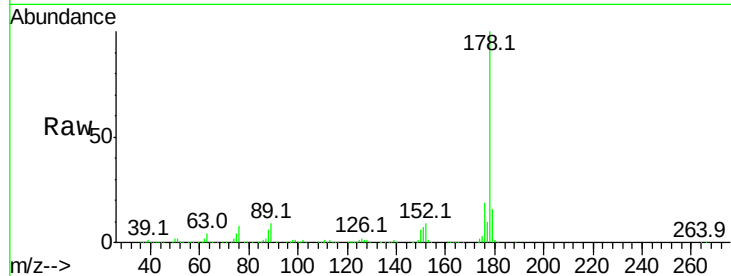
178 100

176 19.4 15.6 23.4

179 15.5 12.7 19.1

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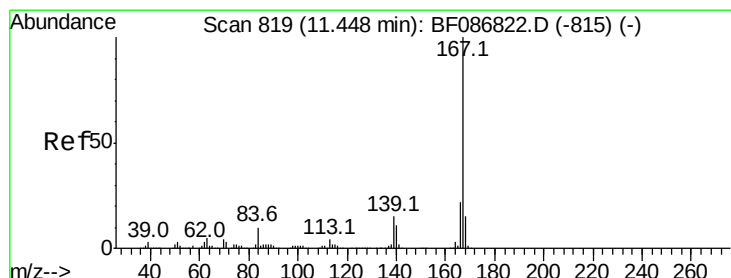
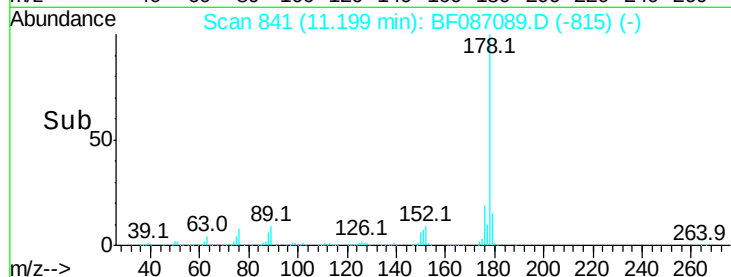
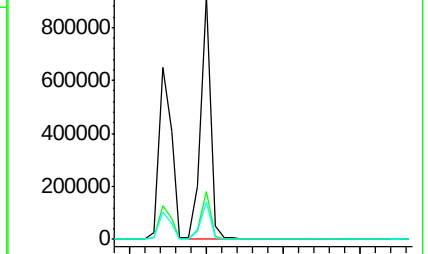
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 44.37 ng

RT: 11.36 min Scan# 855

Delta R.T. -0.01 min

Lab File: BF087089.D

Acq: 16 May 2016 18:55

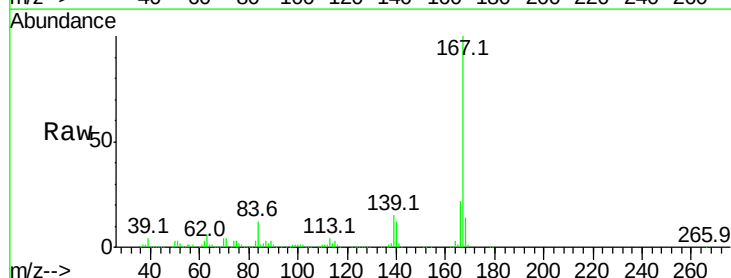
Tgt Ion:167 Resp: 669040

Ion Ratio Lower Upper

167 100

166 21.9 17.7 26.5

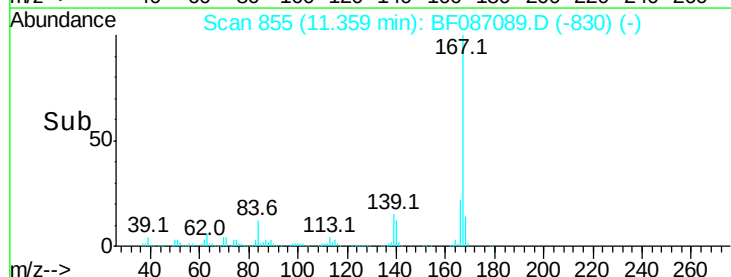
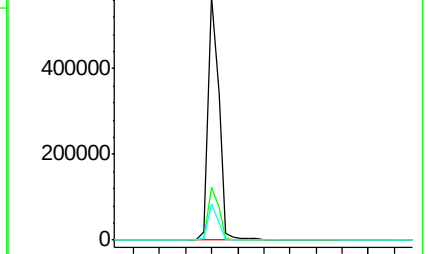
139 15.1 10.8 16.2

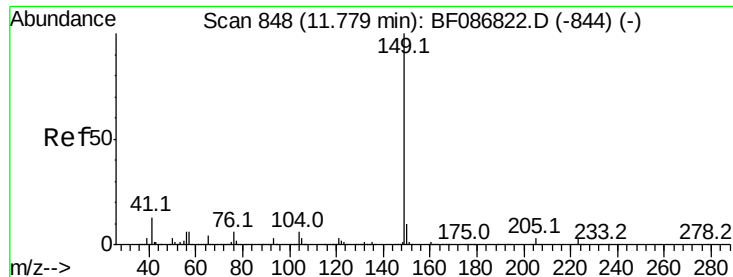


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





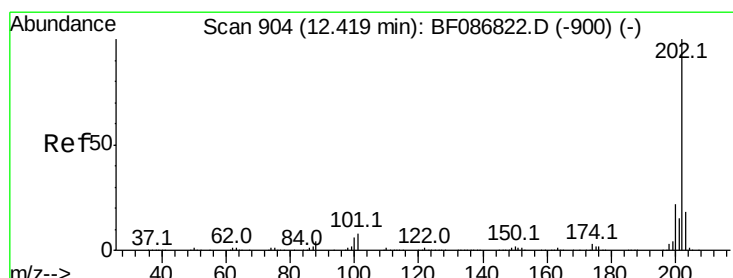
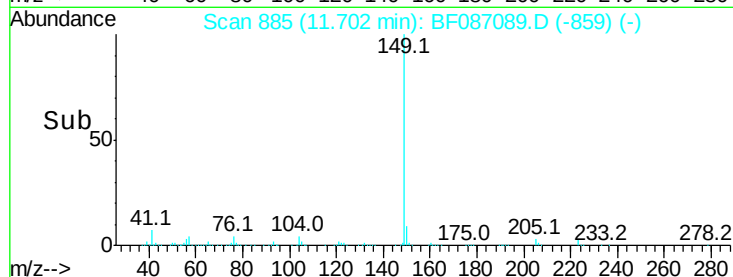
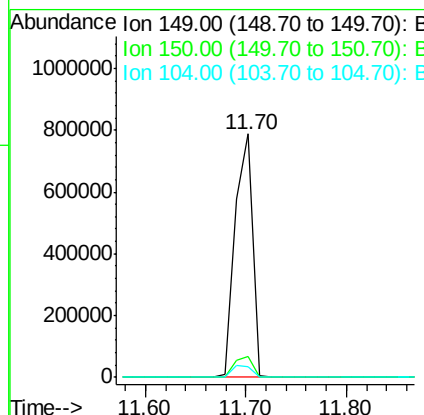
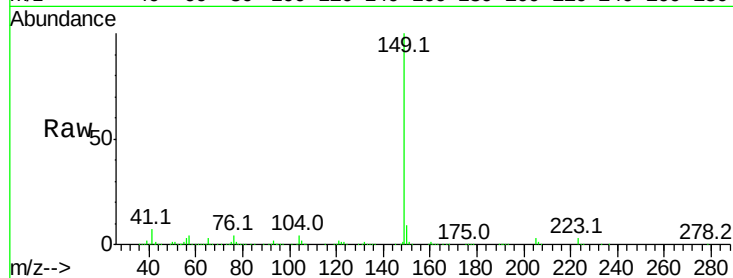
#73
Di-n-butylphthalate
Concen: 51.72 ng
RT: 11.70 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF087089.D
Acq: 16 May 2016 18:55

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

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
150	8.8	7.6	11.4	
104	4.4	3.8	5.6	

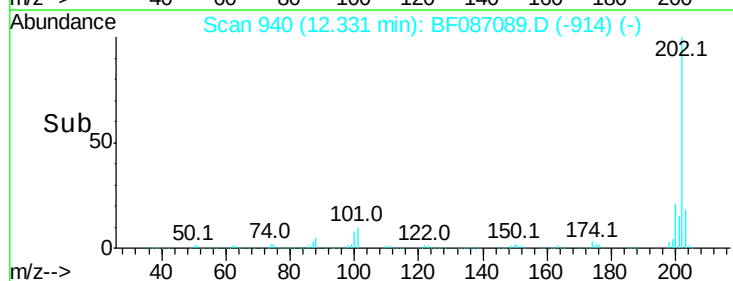
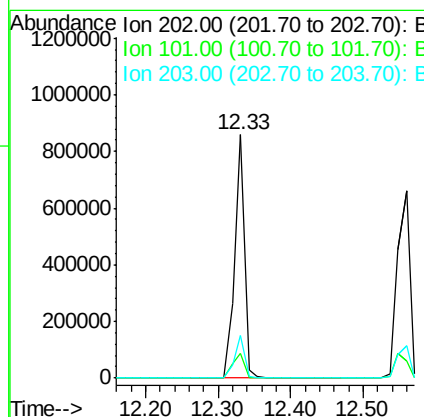
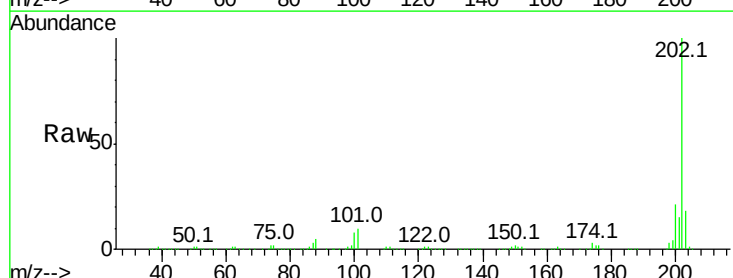
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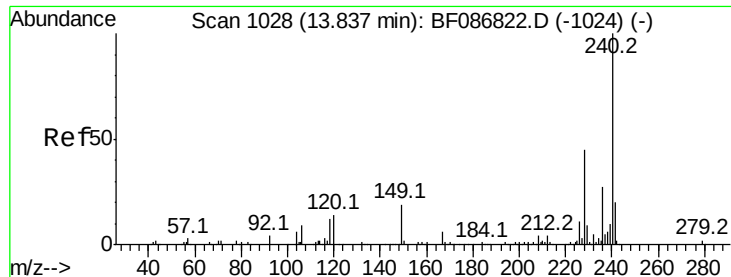
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#74
Fluoranthene
Concen: 45.82 ng
RT: 12.33 min Scan# 940
Delta R.T. 0.00 min
Lab File: BF087089.D
Acq: 16 May 2016 18:55

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	10.1	0.0	35.4	
203	17.6	0.0	38.1	





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.75 min Scan# 1064

Delta R.T. -0.01 min

Lab File: BF087089.D

Acq: 16 May 2016 18:55

Instrument :

BNA_F

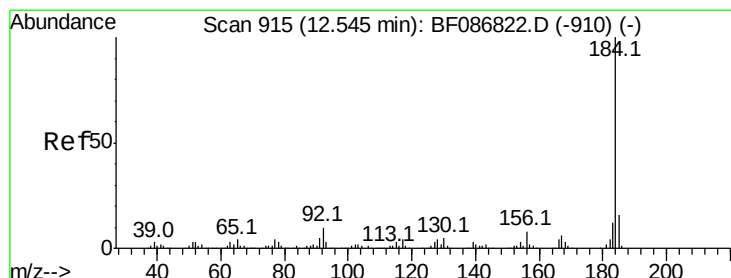
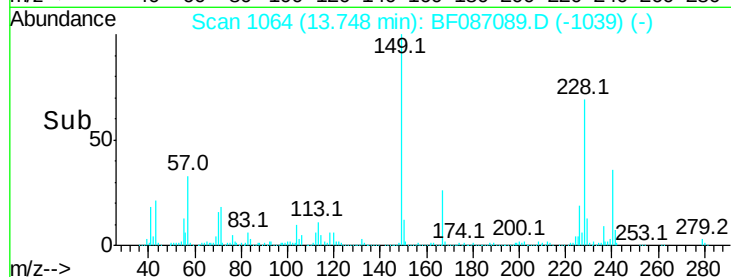
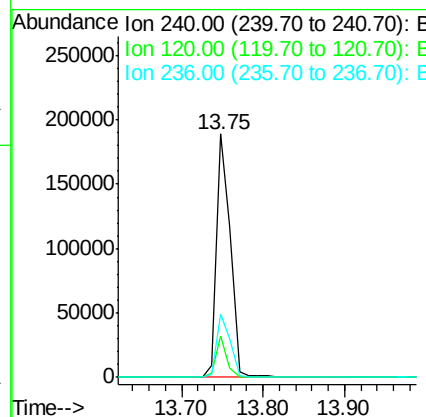
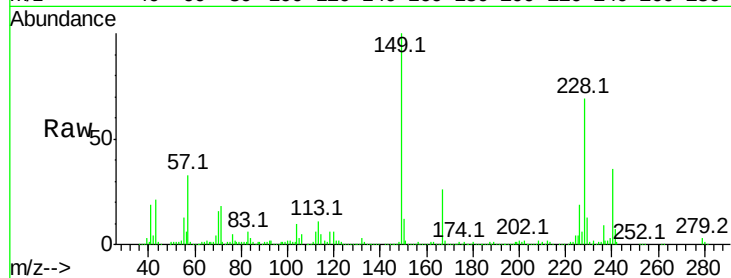
ClientSampleId :

HSR-WC-44-051216MS

Tot Ion	Ratio	Lower	Upper
240	100		
120	16.8	11.2	16.8#
236	25.8	21.2	31.8

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#76

Benzidine

Concen: 39.57 ng

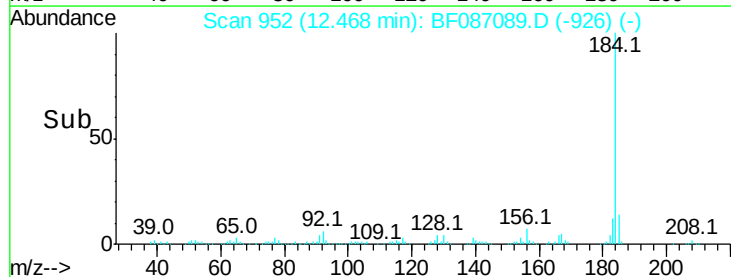
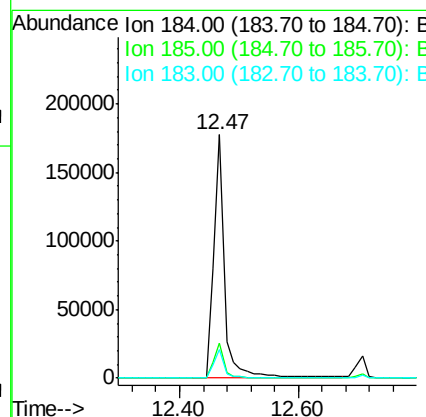
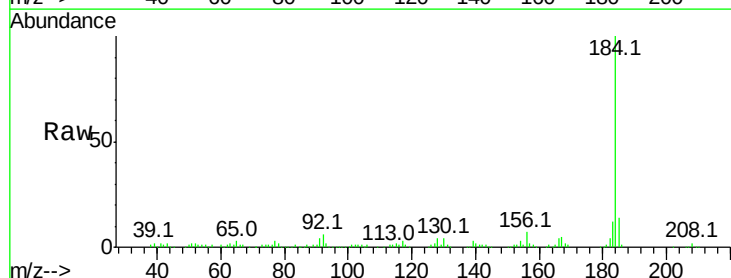
RT: 12.47 min Scan# 952

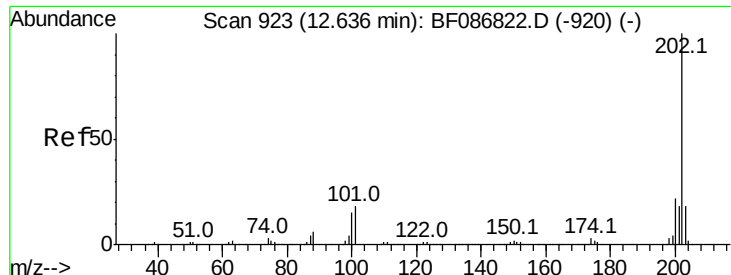
Delta R.T. 0.00 min

Lab File: BF087089.D

Acq: 16 May 2016 18:55

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.3	13.6	20.4
183	11.9	9.8	14.6





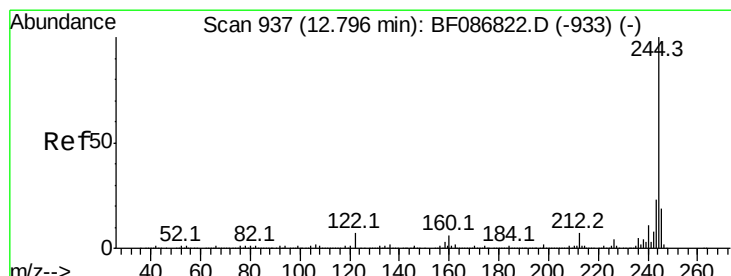
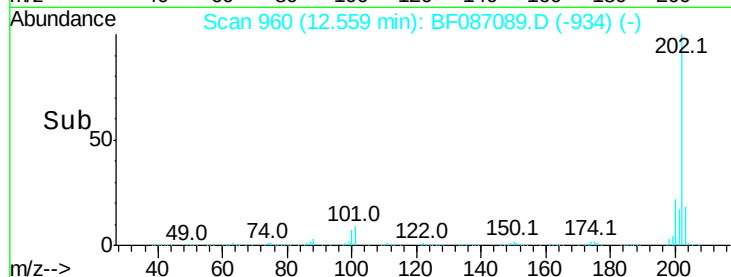
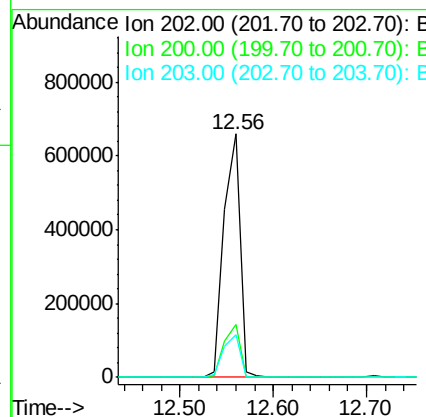
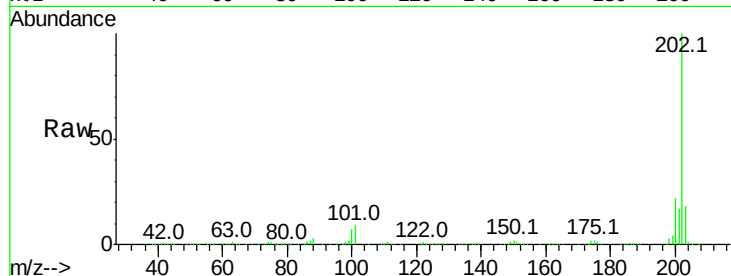
#77
Pvrene
Concen: 46.12 ng
RT: 12.56 min Scan# 960
Delta R.T. 0.00 min
Lab File: BF087089.D
Acq: 16 May 2016 18:55

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

Tot Ion	Ratio	Resp	Lower	Upper
202	100	789961		
200	21.5		17.7	26.5
203	17.6		14.2	21.4

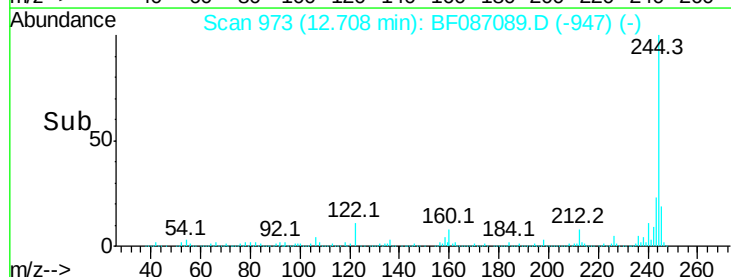
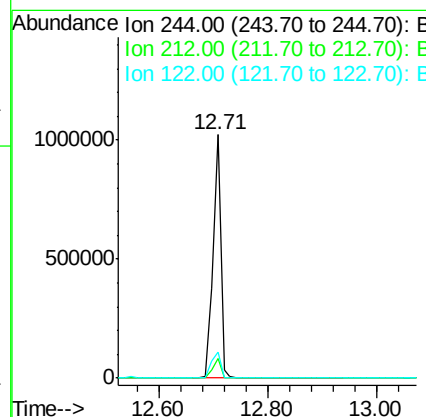
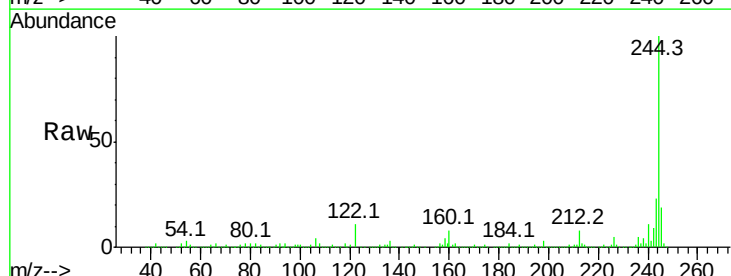
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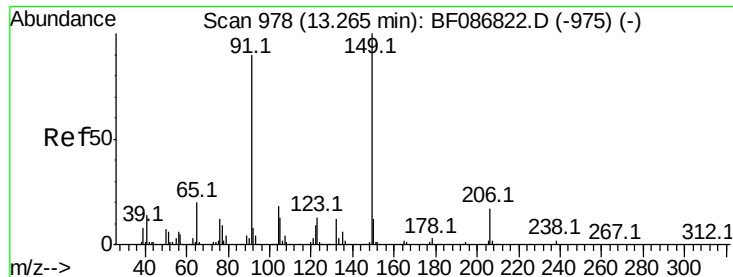
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#78
Terphenyl-d14
Concen: 95.15 ng
RT: 12.71 min Scan# 973
Delta R.T. 0.00 min
Lab File: BF087089.D
Acq: 16 May 2016 18:55

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	1003370		
212	7.9		6.2	9.2
122	10.9		12.0	18.0#





#79

Butylbenzylphthalate

Concen: 50.30 ng

RT: 13.19 min Scan# 1015

Delta R.T. 0.00 min

Lab File: BF087089.D

Acq: 16 May 2016 18:55

Instrument :

BNA_F

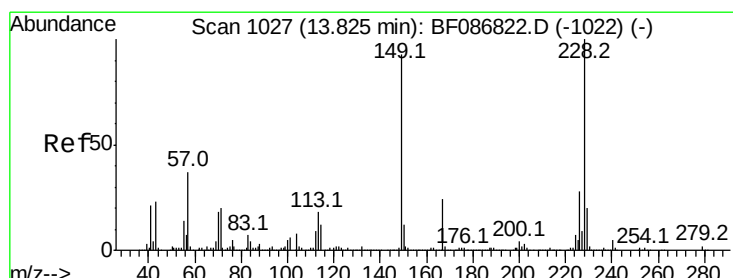
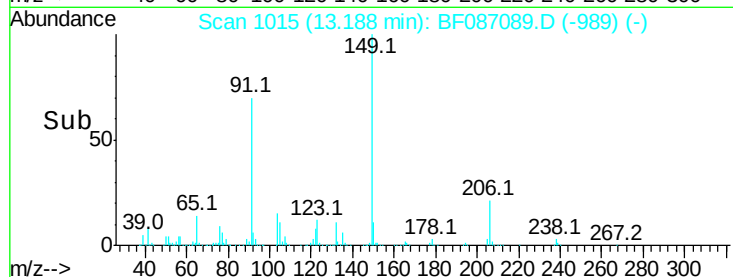
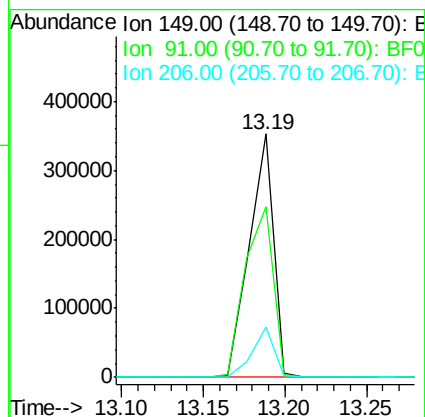
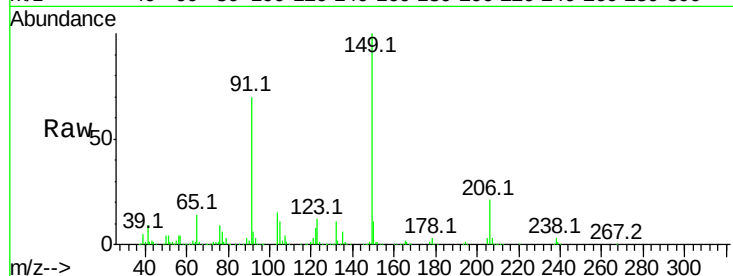
ClientSampleId :

HSR-WC-44-051216MS

Tot Ion:	149	Resp:	364430
Ion Ratio	Lower	Upper	
149	100		
91	69.9	48.0	72.0
206	20.6	15.8	23.6

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#80

Benzo(a)anthracene

Concen: 49.60 ng

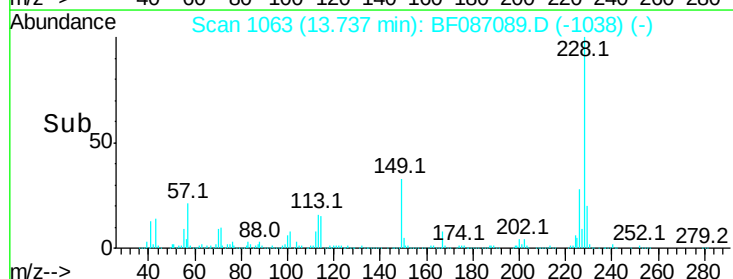
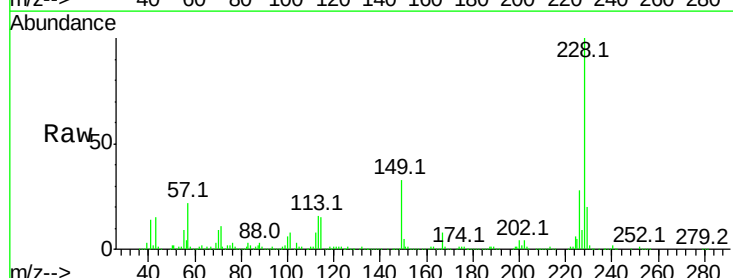
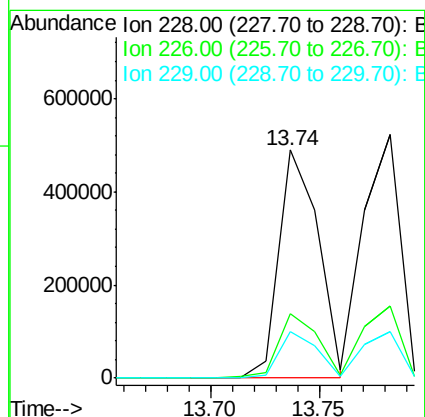
RT: 13.74 min Scan# 1063

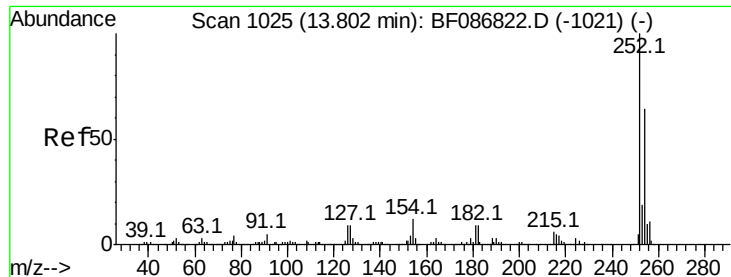
Delta R.T. -0.01 min

Lab File: BF087089.D

Acq: 16 May 2016 18:55

Tgt Ion:	228	Resp:	622918
Ion Ratio	Lower	Upper	
228	100		
226	28.1	22.5	33.7
229	20.4	16.6	25.0





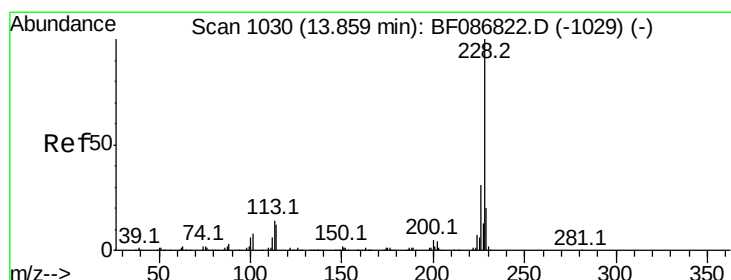
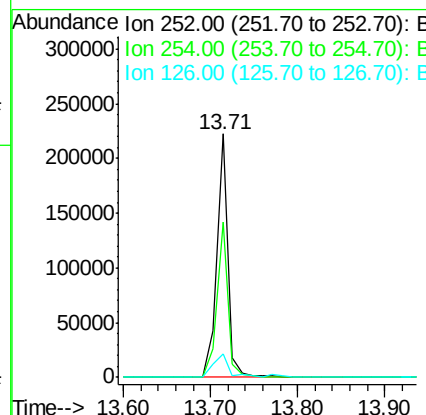
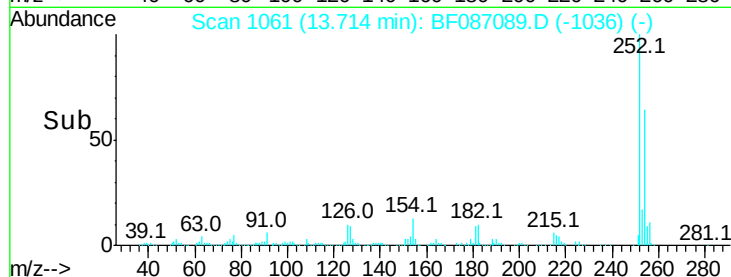
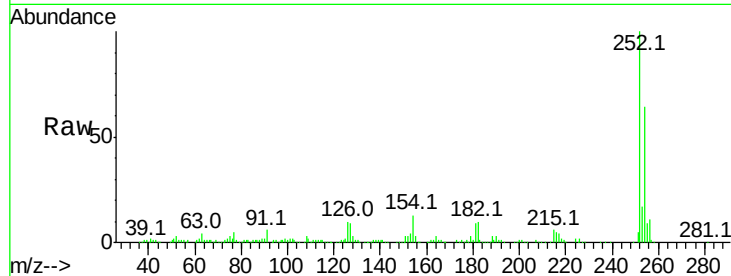
#81
 3,3'-Dichlorobenzidine
 Concen: 25.21 ng
 RT: 13.71 min Scan# 1061
 Delta R.T. -0.01 min
 Lab File: BF087089.D
 Acq: 16 May 2016 18:55

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

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	63.6	50.7	76.1
126	9.7	12.7	19.1

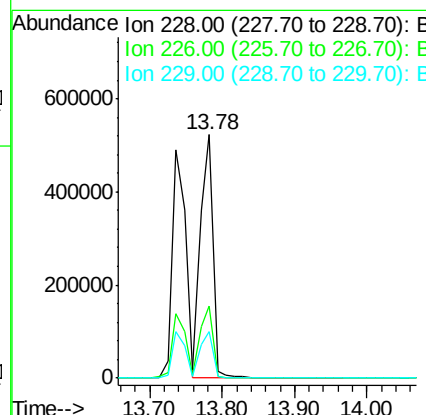
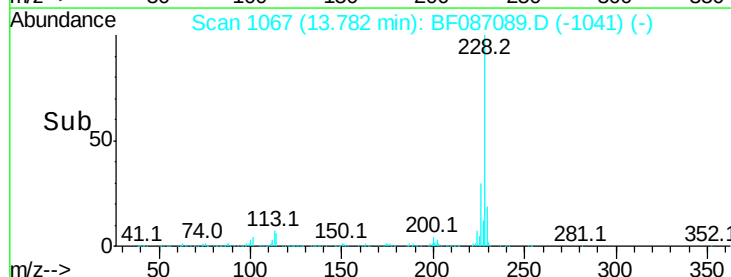
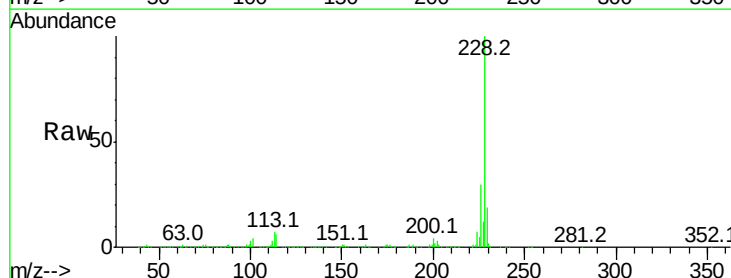
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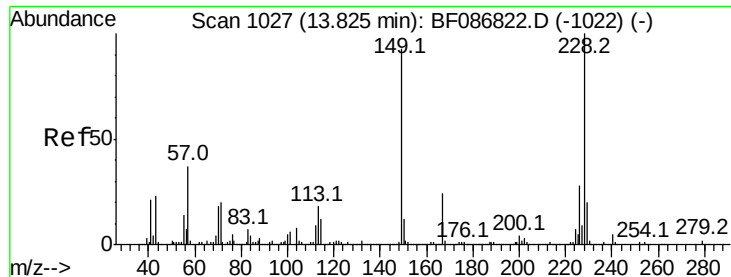
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#82
 Chrysene
 Concen: 49.50 ng
 RT: 13.78 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: BF087089.D
 Acq: 16 May 2016 18:55

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	29.8	24.4	36.6
229	19.3	15.8	23.8





#83

Bis(2-ethylhexyl)phthalate

Concen: 56.31 ng

RT: 13.75 min Scan# 1064

Delta R.T. 0.00 min

Lab File: BF087089.D

Acq: 16 May 2016 18:55

Instrument :

BNA_F

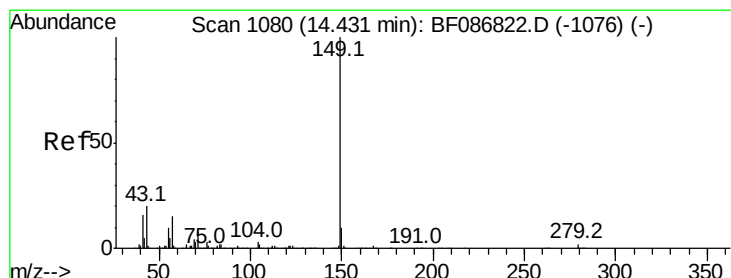
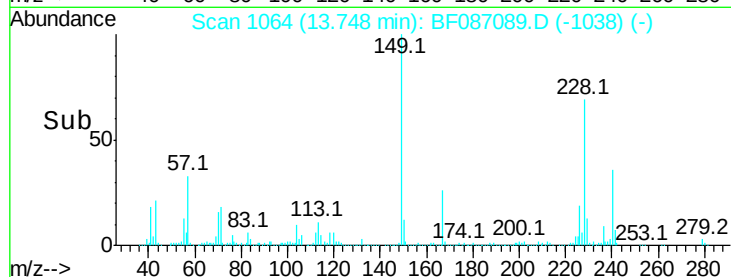
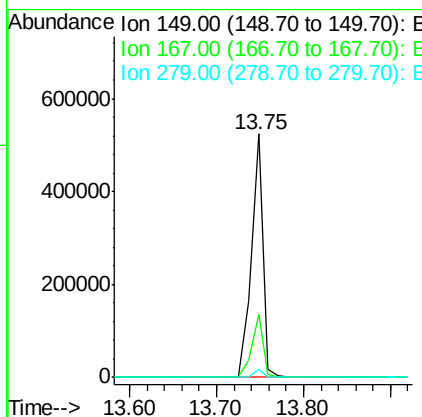
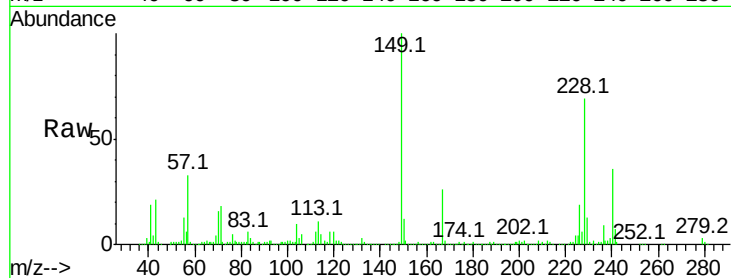
ClientSampleId :

HSR-WC-44-051216MS

Tot Ion:	149	Resp:	490722
Ion Ratio	Lower	Upper	
149	100		
167	25.9	21.8	32.6
279	3.2	2.6	4.0

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#84

Di-n-octyl phthalate

Concen: 57.45 ng

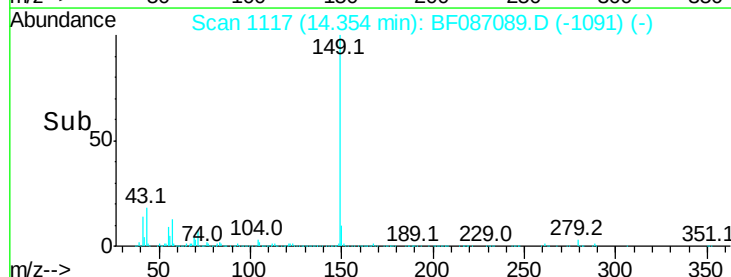
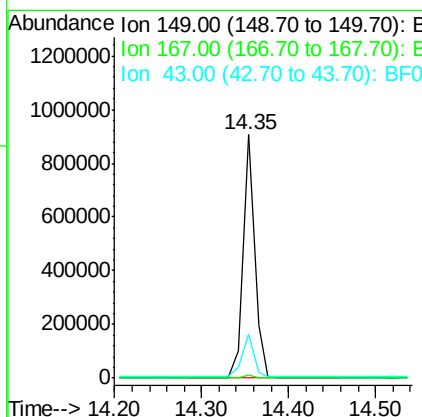
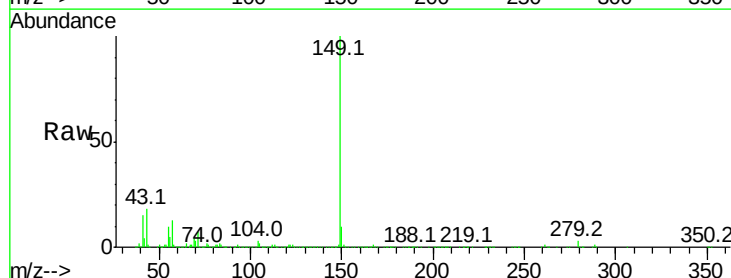
RT: 14.35 min Scan# 1117

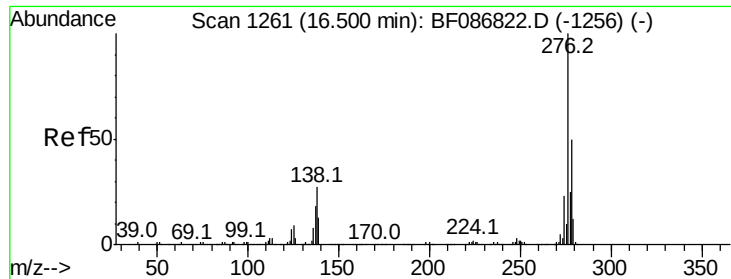
Delta R.T. 0.00 min

Lab File: BF087089.D

Acq: 16 May 2016 18:55

Tgt Ion:	149	Resp:	829382
Ion Ratio	Lower	Upper	
149	100		
167	1.9	1.2	1.8#
43	17.5	8.2	12.4#





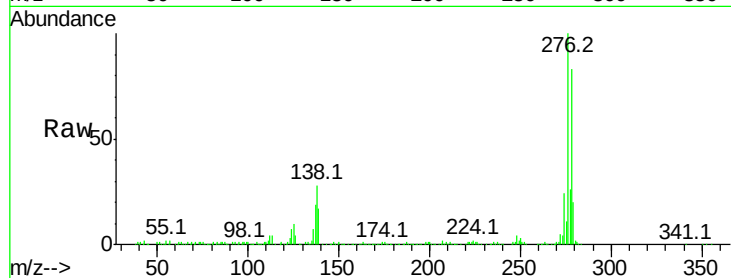
#85
Indeno(1,2,3-cd)pyrene
Concen: 49.15 ng
RT: 16.37 min Scan# 1293
Delta R.T. 0.00 min
Lab File: BF087089.D
Acq: 16 May 2016 18:55

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

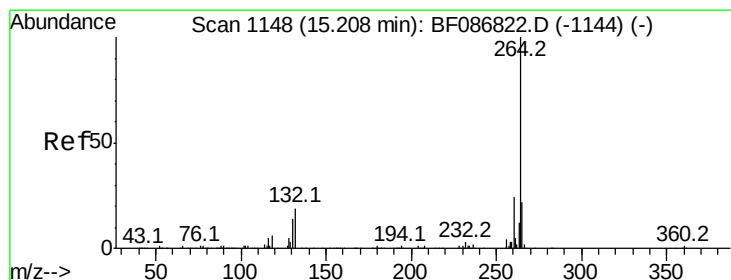
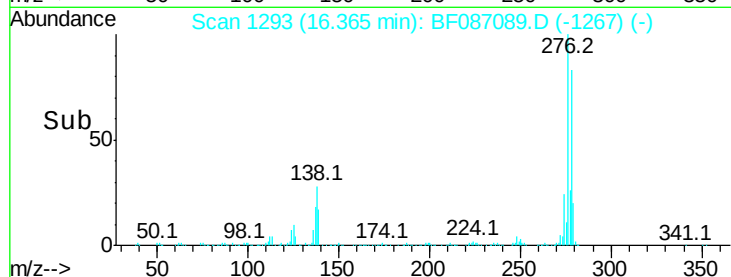
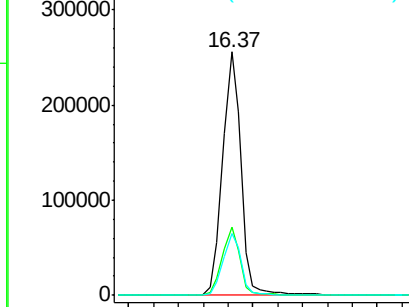
Tot Ion	Ratio	Lower	Upper
276	100		
138	27.9	25.6	38.4
277	25.6	20.5	30.7

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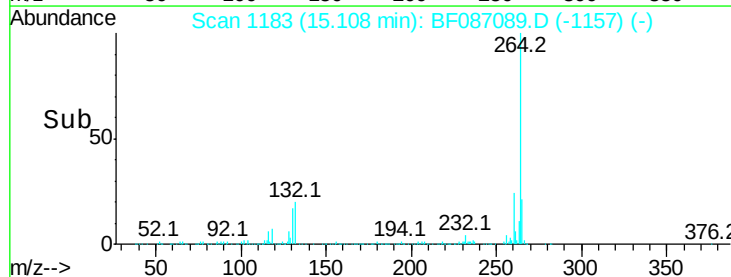
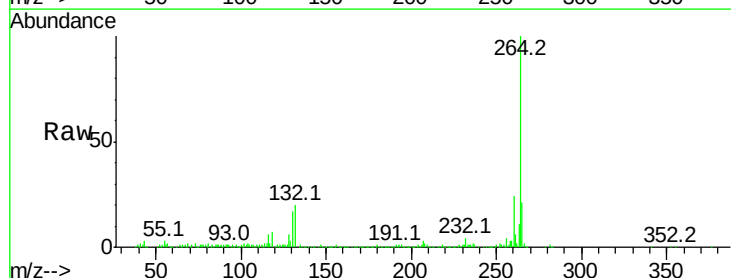
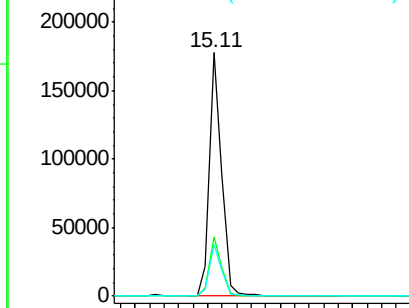
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

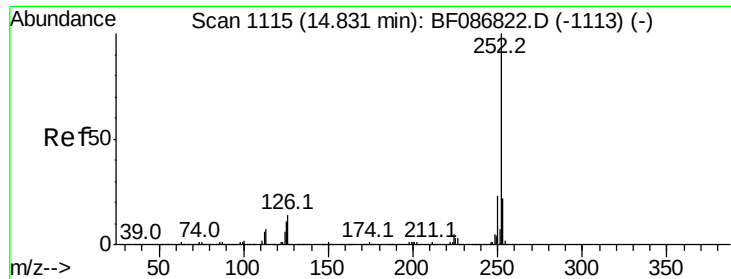


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.11 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BF087089.D
Acq: 16 May 2016 18:55

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	21.4	17.3	25.9

Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 41.71 ng m

RT: 14.74 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BF087089.D

Acq: 16 May 2016 18:55

Instrument :

BNA_F

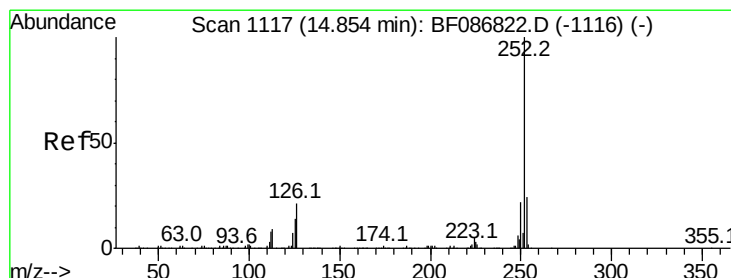
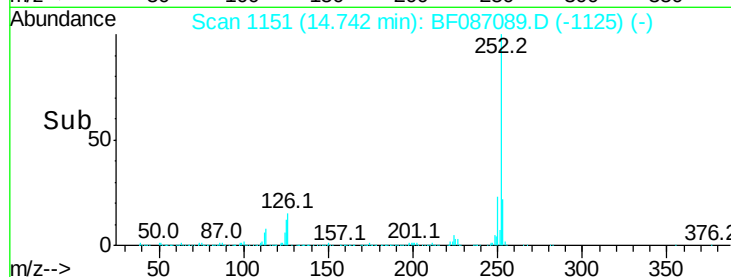
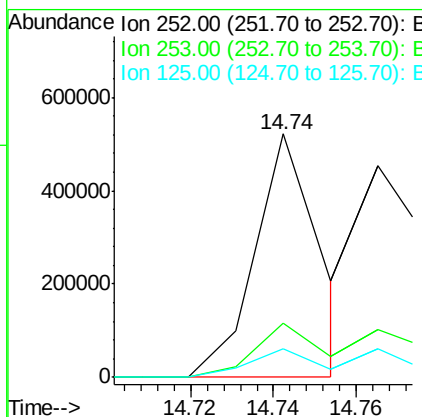
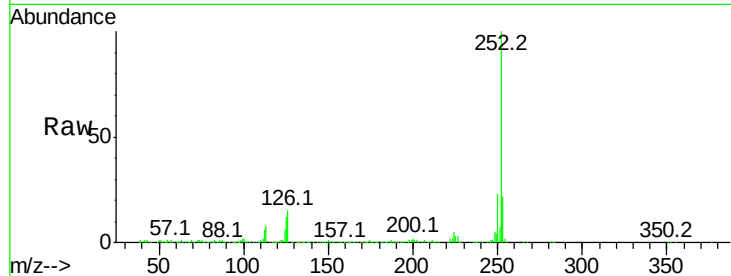
ClientSampleId :

HSR-WC-44-051216MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	11.7	11.4	17.0

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#88

Benzo(k)fluoranthene

Concen: 48.26 ng m

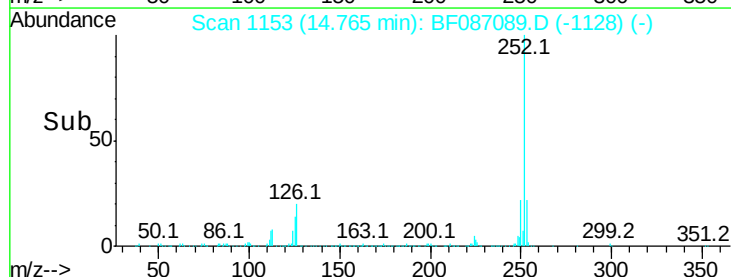
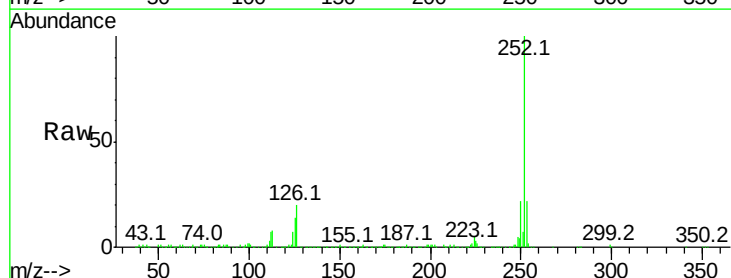
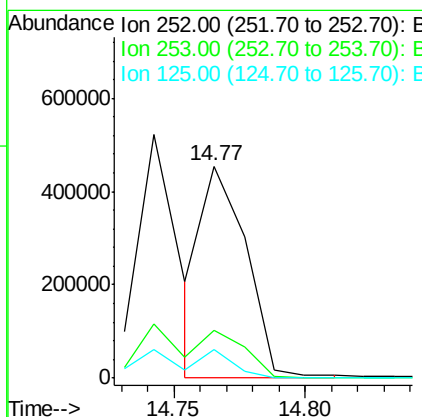
RT: 14.77 min Scan# 1153

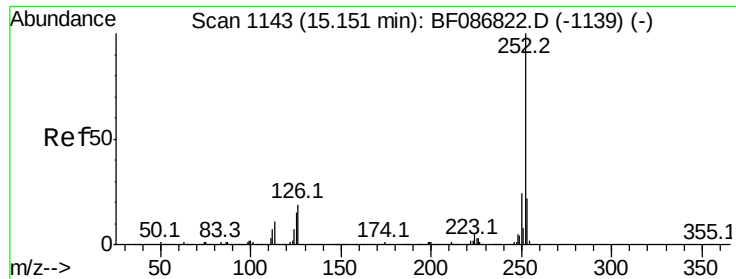
Delta R.T. -0.01 min

Lab File: BF087089.D

Acq: 16 May 2016 18:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.6
125	13.7	9.1	13.7#





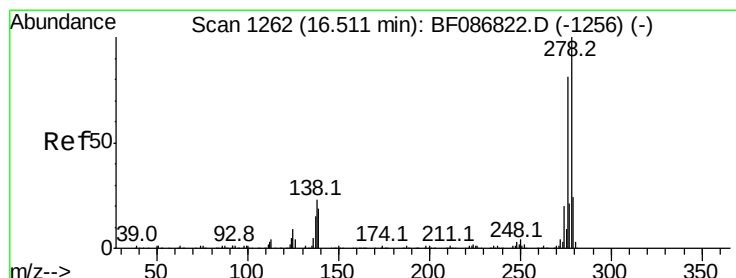
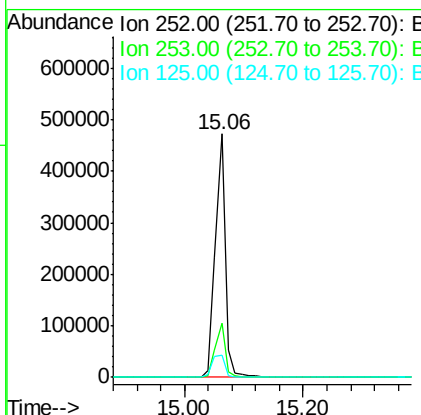
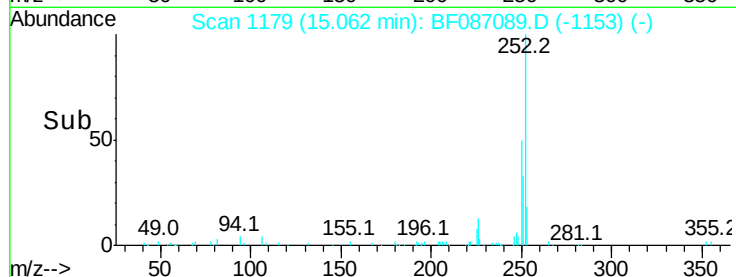
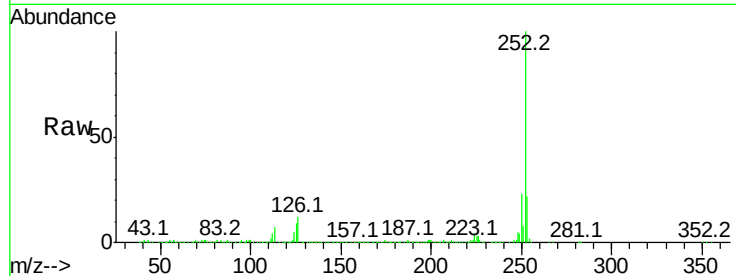
#89
Benzo(a)pyrene
Concen: 46.30 ng
RT: 15.06 min Scan# 1179
Delta R.T. 0.00 min
Lab File: BF087089.D
Acq: 16 May 2016 18:55

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

Tot Ion	Ratio	Resp	Lower	Upper
252	100	544432		
253	22.2		17.2	25.8
125	9.2		9.0	13.6

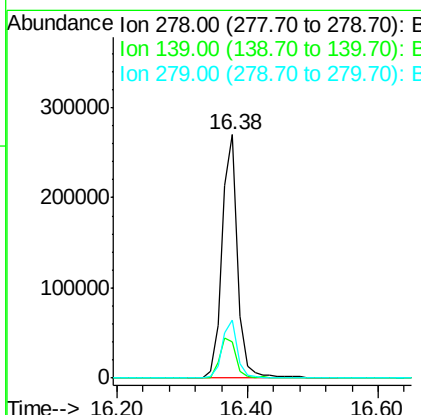
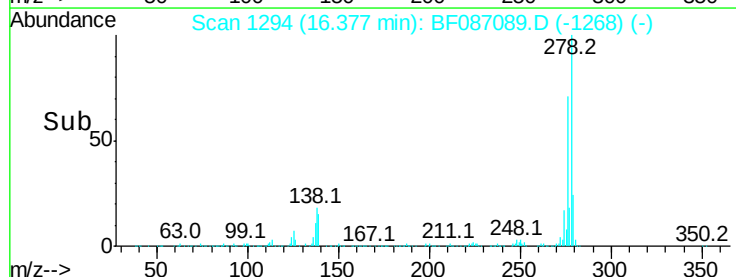
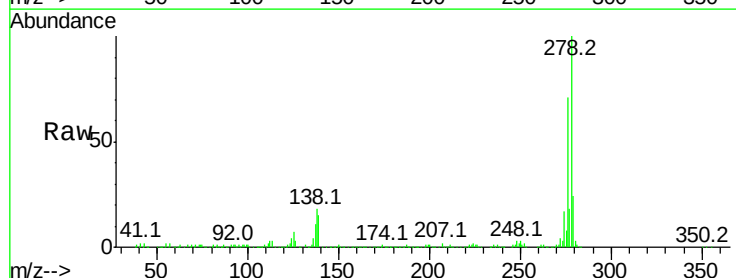
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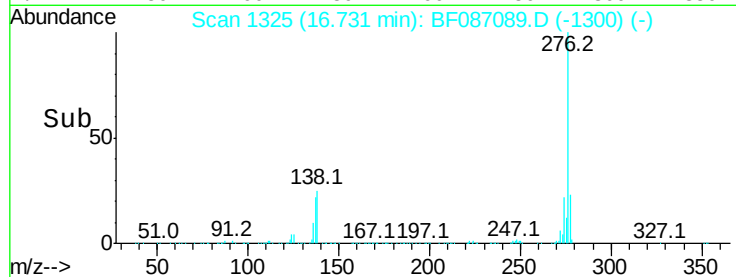
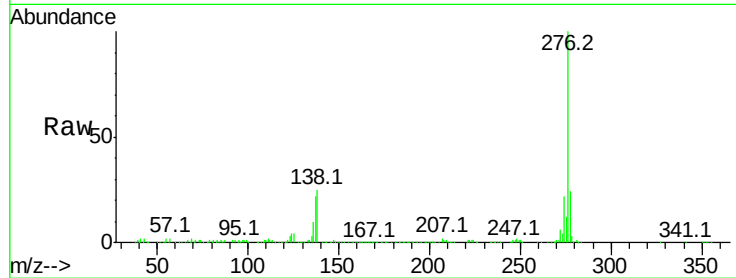
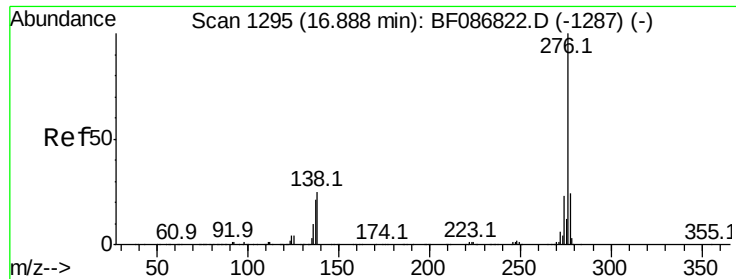
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#90
Dibenzo(a,h)anthracene
Concen: 45.43 ng
RT: 16.38 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BF087089.D
Acq: 16 May 2016 18:55

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	450196		
139	14.8		16.6	24.8#
279	23.6		19.6	29.4





#91

Benzo(a,h,i)perylene

Concen: 41.71 ng

RT: 16.73 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF087089.D

Acq: 16 May 2016 18:55

Instrument :

BNA_F

ClientSampleId :

HSR-WC-44-051216MS

Tot Ion:	276	Resp:	420021
Ion Ratio	Lower	Upper	
276	100		
277	23.5	19.6	29.4
138	25.4	23.6	35.4

Manual Integrations
APPROVED

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