

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051716\
 Data File : BF087113.D
 Acq On : 17 May 2016 20:30
 Operator : UM/SJ
 Sample : H2945-01MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-43-050616MSD

Manual Integrations
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 5/18/2016 6:58:23 PM

Quant Time: May 18 02:25:14 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 17 16:55:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	164331	20.00	ng	-0.01
21) Naphthalene-d8	7.88	136	686090	20.00	ng	-0.01
38) Acenaphthene-d10	9.63	164	335718	20.00	ng	-0.01
63) Phenanthrene-d10	11.11	188	605286	20.00	ng	-0.01
75) Chrysene-d12	13.74	240	409214	20.00	ng	-0.02
86) Perylene-d12	15.10	264	388278	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	1258029	128.68	ng	0.01
7) Phenol-d6	6.27	99	1484038	113.18	ng	-0.01
23) Nitrobenzene-d5	7.18	82	1198205	87.04	ng	-0.01
41) 2,4,6-Tribromophenol	10.43	330	530028	142.87	ng	-0.01
44) 2-Fluorobiphenyl	8.97	172	1948305	96.11	ng	-0.01
78) Terphenyl-d14	12.70	244	1662074	91.88	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.23	88	154411	30.70	ng	# 69
3) Pyridine	2.88	79	165202	13.58	ng	# 66
4) n-Nitrosodimethylamine	2.76	42	339696	39.40	ng	# 49
6) Aniline	6.27	93	206427	12.39	ng	# 1
8) 2-Chlorophenol	6.39	128	474474	39.89	ng	89
9) Benzaldehyde	6.15	77	23079	2.35	ng	97
10) Phenol	6.28	94	633771	38.45	ng	82
11) bis(2-Chloroethyl)ether	6.34	93	459434	37.12	ng	84
12) 1,3-Dichlorobenzene	6.52	146	438498m	34.68	ng	
13) 1,4-Dichlorobenzene	6.60	146	440248m	34.03	ng	
14) 1,2-Dichlorobenzene	6.76	146	411426	36.33	ng	99
15) Benzyl Alcohol	6.76	79	478046	48.97	ng	92
16) 2,2'-oxybis(1-Chloropropan	6.88	45	986391	38.77	ng	89
17) 2-Methylphenol	6.89	107	403921	41.35	ng	# 80
18) Hexachloroethane	7.10	117	169141	34.20	ng	99
19) n-Nitroso-di-n-propylamine	7.03	70	385608	38.69	ng	# 67
20) 3+4-Methylphenols	7.05	107	534893	41.51	ng	# 59
22) Acetophenone	7.02	105	703951	41.93	ng	98
24) Nitrobenzene	7.19	77	546887	36.38	ng	98
25) Isophorone	7.43	82	1039135	41.23	ng	98
26) 2-Nitrophenol	7.51	139	271178	43.55	ng	# 82
27) 2,4-Dimethylphenol	7.56	122	429480	40.42	ng	87
28) bis(2-Chloroethoxy)methane	7.64	93	612683	44.29	ng	98
29) 2,4-Dichlorophenol	7.76	162	417776	44.62	ng	96
30) 1,2,4-Trichlorobenzene	7.83	180	407587	39.23	ng	98
31) Naphthalene	7.91	128	1414382	42.19	ng	99
32) Benzoic acid	7.74	122	292151	46.13	ng	# 84
33) 4-Chloroaniline	7.98	127	143896	10.33	ng	# 95
34) Hexachlorobutadiene	8.02	225	228935	38.83	ng	98
35) Caprolactam	8.36	113	116422m	37.34	ng	
36) 4-Chloro-3-methylphenol	8.48	107	469656	41.58	ng	89
37) 2-Methylnaphthalene	8.59	142	883131m	41.19	ng	
39) 1,2,4,5-Tetrachlorobenzene	8.76	216	408481	41.66	ng	98
40) Hexachlorocyclopentadiene	8.74	237	261480	70.13	ng	95

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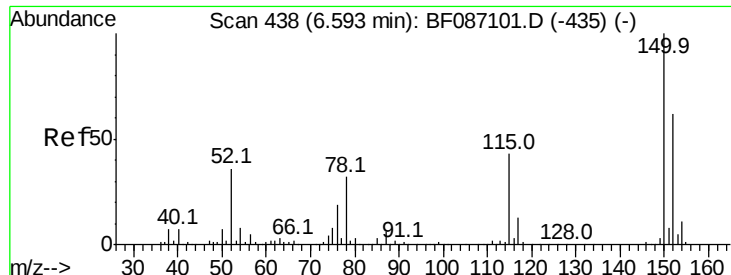
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.89	196	283777	44.63	nq	94
43) 2,4,5-Trichlorophenol	8.95	196	251706	38.10	nq	95
45) 1,1'-Biphenyl	9.06	154	1118307	40.17	nq	96
46) 2-Chloronaphthalene	9.08	162	869262	40.68	nq	94
47) 2-Nitroaniline	9.20	65	373288	45.58	nq	# 81
48) Acenaphthylene	9.50	152	1301660	39.89	nq	99
49) Dimethylphthalate	9.38	163	1112307	43.43	nq	100
50) 2,6-Dinitrotoluene	9.44	165	222492	40.01	nq	# 65
51) Acenaphthene	9.67	154	850364	41.71	nq	98
52) 3-Nitroaniline	9.61	138	128394	21.33	nq	88
53) 2,4-Dinitrophenol	9.72	184	261769	82.03	nq	# 74
54) Dibenzofuran	9.84	168	1141302	43.29	nq	93
55) 4-Nitrophenol	9.82	139	370857m	81.89	nq	
56) 2,4-Dinitrotoluene	9.85	165	333639	46.85	nq	93
57) Fluorene	10.18	166	884926	41.78	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.98	232	238105	46.28	nq	96
59) Diethylphthalate	10.08	149	1148675	46.98	nq	97
60) 4-Chlorophenyl-phenylether	10.18	204	438341	43.66	nq	# 78
61) 4-Nitroaniline	10.23	138	232588	39.13	nq	# 68
62) Azobenzene	10.34	77	1288393	45.73	nq	87
64) 4,6-Dinitro-2-methylphenol	10.26	198	184222	46.21	nq	86
65) n-Nitrosodiphenylamine	10.31	169	931652	48.91	nq	99
66) 4-Bromophenyl-phenylether	10.66	248	265678	42.68	nq	98
67) Hexachlorobenzene	10.73	284	337162	46.72	nq	98
68) Atrazine	10.84	200	295940	47.63	nq	96
69) Pentachlorophenol	10.94	266	294962	108.80	nq	98
70) Phenanthrene	11.14	178	1516343	46.19	nq	99
71) Anthracene	11.19	178	1321317	39.79	nq	99
72) Carbazole	11.36	167	1336360	44.06	nq	98
73) Di-n-butylphthalate	11.69	149	1721950	49.43	nq	99
74) Fluoranthene	12.32	202	1486080	45.18	nq	96
76) Benzidine	12.46	184	37225	3.36	nq	95
77) Pyrene	12.55	202	1549528	52.42	nq	100
79) Butylbenzylphthalate	13.18	149	721051	57.78	nq	# 87
80) Benzo(a)anthracene	13.73	228	1118504	47.27	nq	99
81) 3,3'-Dichlorobenzidine	13.70	252	246382	16.36	nq	# 96
82) Chrysene	13.77	228	1199590	52.40	nq	99
83) Bis(2-ethylhexyl)phthalate	13.74	149	840217	55.32	nq	98
84) Di-n-octyl phthalate	14.34	149	1400957	53.54	nq	# 83
85) Indeno(1,2,3-cd)pyrene	16.34	276	972395	48.39	nq	95
87) Benzo(b)fluoranthene	14.73	252	1062531m	41.25	nq	
88) Benzo(k)fluoranthene	14.75	252	908686m	47.38	nq	
89) Benzo(a)pyrene	15.04	252	968829	45.00	nq	# 96
90) Dibenzo(a,h)anthracene	16.35	278	808354	44.59	nq	# 93
91) Benzo(g,h,i)perylene	16.71	276	818181	44.69	nq	94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.59 min Scan# 438

Delta R.T. -0.01 min

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Acq: 17 May 2016 20:30

Instrument :

BNA_F

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HSR-WC-43-050616MSD

Tot Ion:152 Resp: 164331

Ion Ratio Lower Upper

152 100

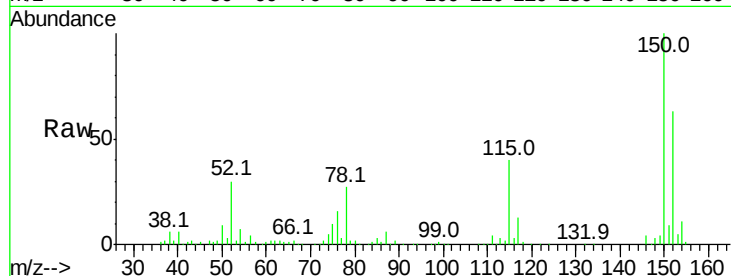
150 158.3 125.8 188.6

115 63.0 51.5 77.3

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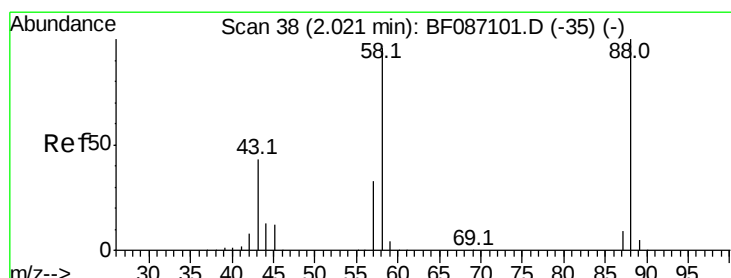
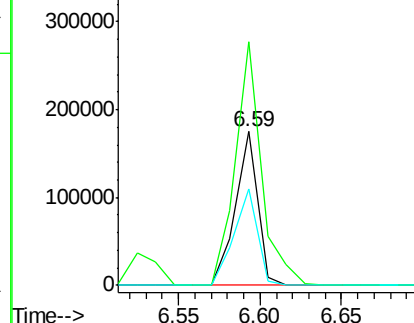
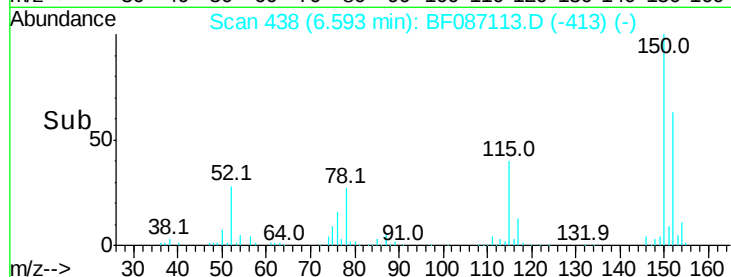
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 30.70 ng

RT: 2.23 min Scan# 56

Delta R.T. 0.17 min

Lab File: BF087113.D

Acq: 17 May 2016 20:30

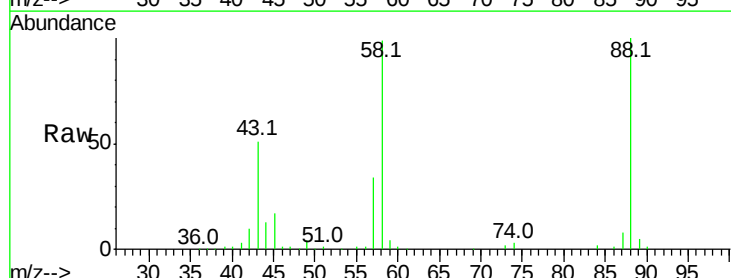
Tgt Ion: 88 Resp: 154411

Ion Ratio Lower Upper

88 100

58 94.6 59.6 89.4#

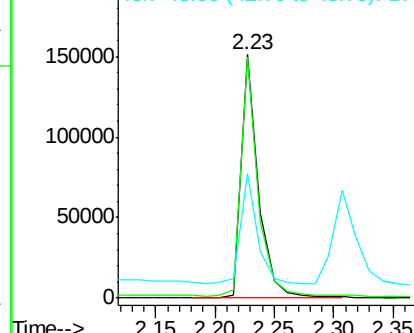
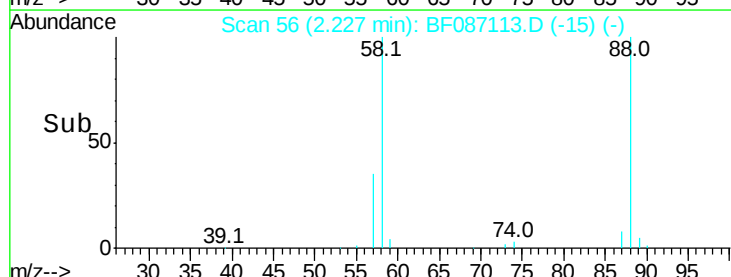
43 0.0 21.8 32.6#

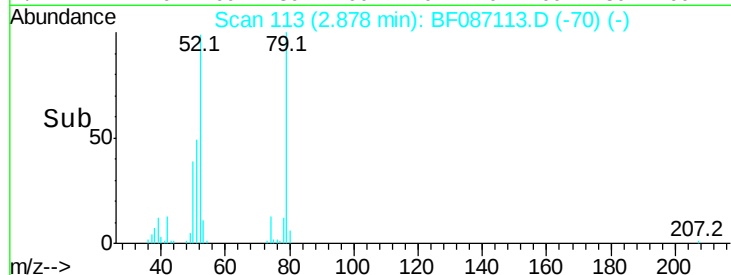
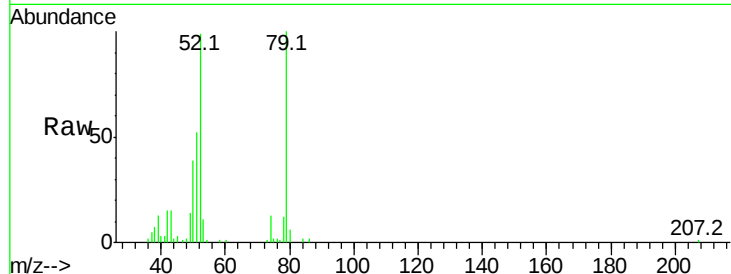
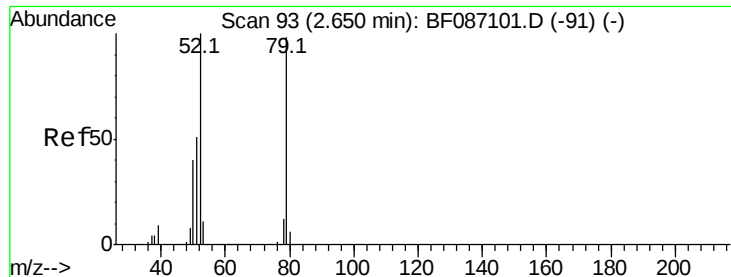


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





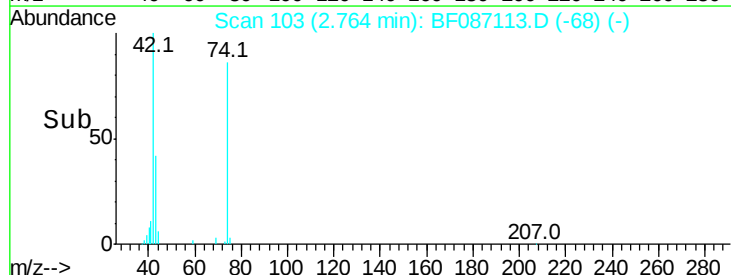
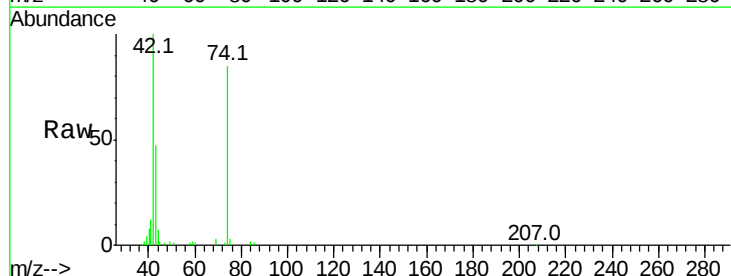
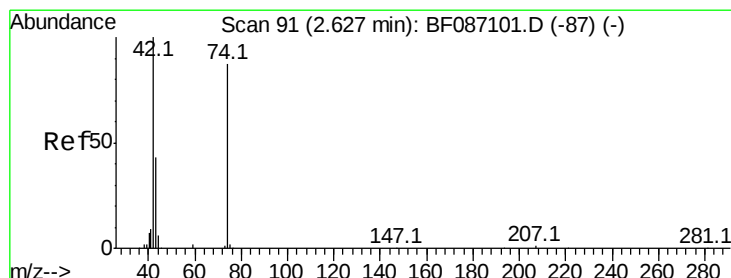
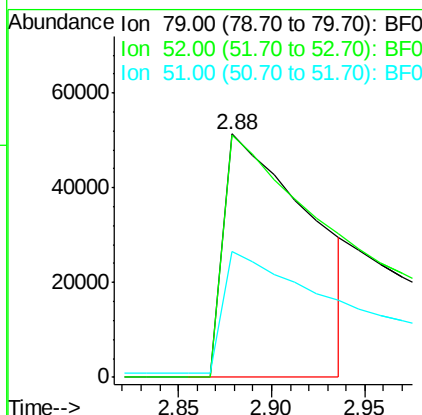
#3
 Pvridine
 Concen: 13.58 ng
 RT: 2.88 min Scan# 113
 Delta R.T. 0.19 min
 Lab File: BF087113.D
 Acq: 17 May 2016 20:30

Tot Ion	Ratio	Lower	Upper
79	100		
52	99.5	55.9	83.9#
51	51.6	28.1	42.1#

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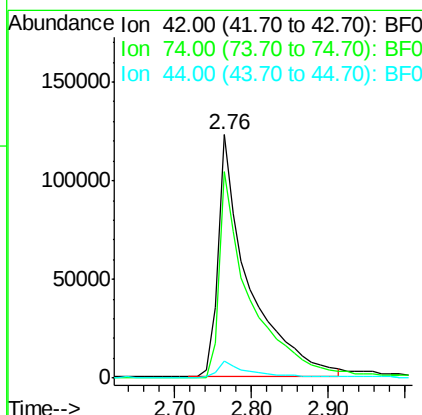
Manual Integrations
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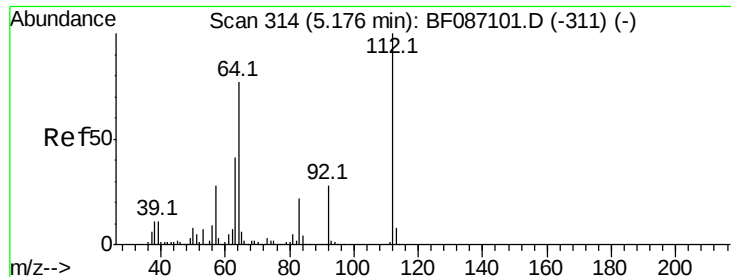
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#4
 n-Nitrosodimethylamine
 Concen: 39.40 ng
 RT: 2.76 min Scan# 103
 Delta R.T. 0.10 min
 Lab File: BF087113.D
 Acq: 17 May 2016 20:30

Tgt Ion	Ratio	Lower	Upper
42	100		
74	84.9	123.4	185.0#
44	6.9	5.8	8.6





#5

2-Fluorophenol

Concen: 128.68 ng

RT: 5.21 min Scan# 317

Delta R.T. 0.01 min

Lab File: BF087113.D

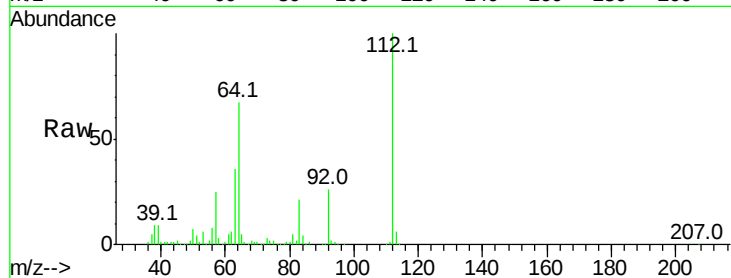
Acq: 17 May 2016 20:30

Instrument :

BNA_F

ClientSampleId :

HSR-WC-43-050616MSD



Tot Ion:112 Resp: 1258029

Ion Ratio Lower Upper

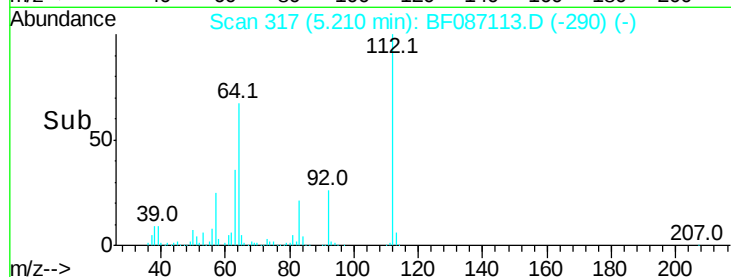
112 100

64 67.0 52.1 78.1

63 36.5 25.7 38.5

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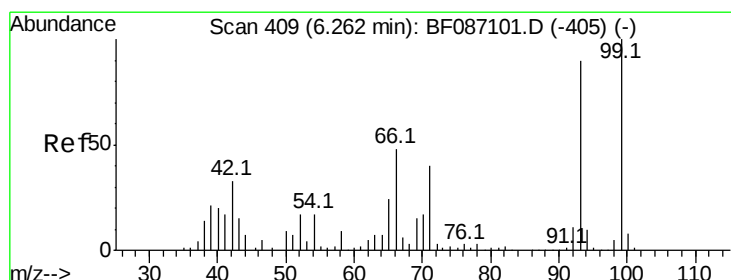
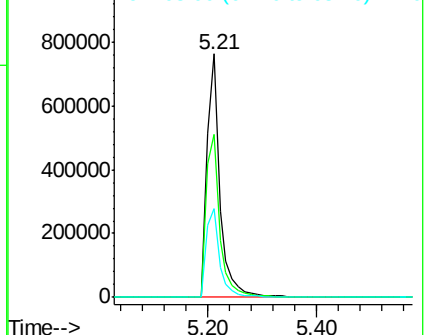
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 12.39 ng

RT: 6.27 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF087113.D

Acq: 17 May 2016 20:30

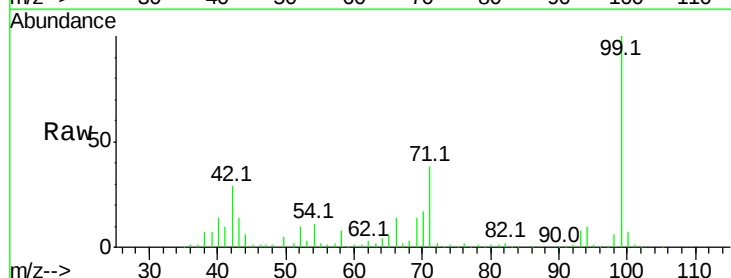
Tgt Ion: 93 Resp: 206427

Ion Ratio Lower Upper

93 100

66 170.1 39.0 58.6#

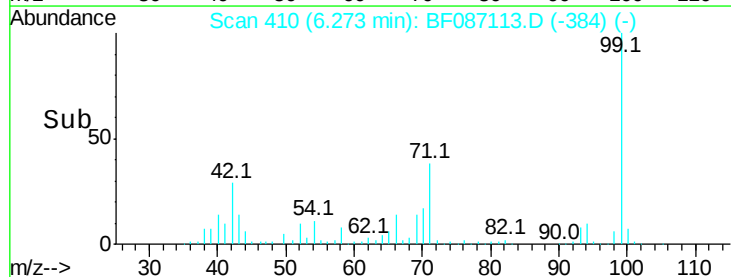
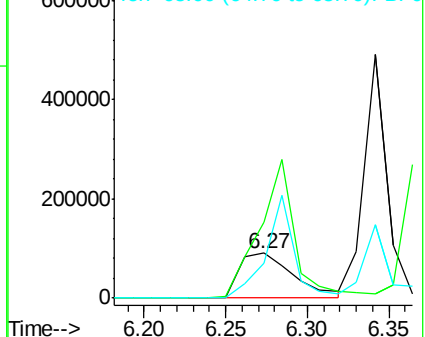
65 79.4 20.6 31.0#

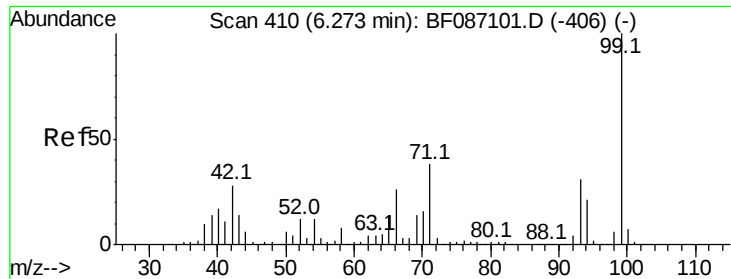


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 113.18 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF087113.D

Acq: 17 May 2016 20:30

Instrument :

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ClientSampleId :

HSR-WC-43-050616MSD

Tot Ion: 99 Resp: 1484038

Ion Ratio Lower Upper

99 100

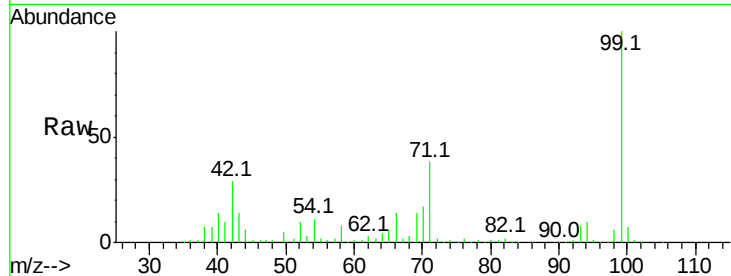
42 28.7 13.6 20.4#

71 38.5 24.6 36.8#

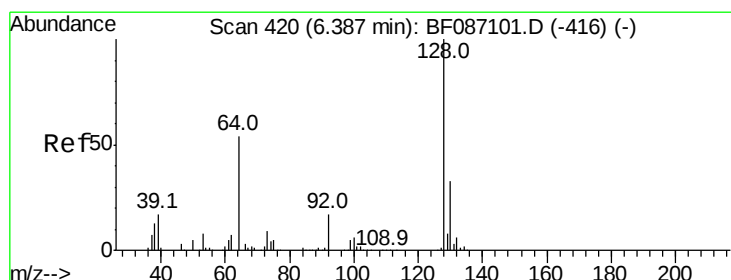
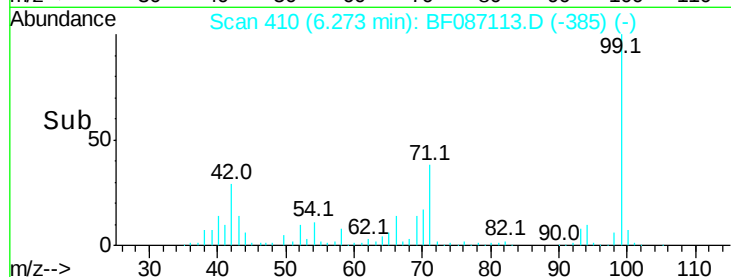
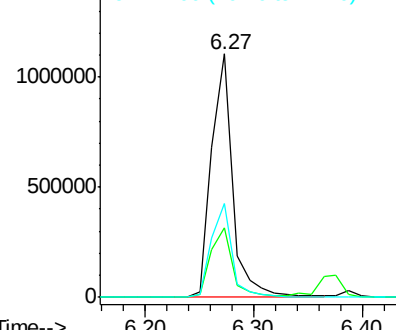
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 39.89 ng

RT: 6.39 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF087113.D

Acq: 17 May 2016 20:30

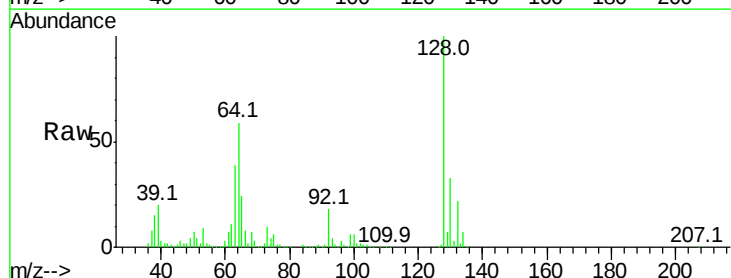
Tgt Ion:128 Resp: 474474

Ion Ratio Lower Upper

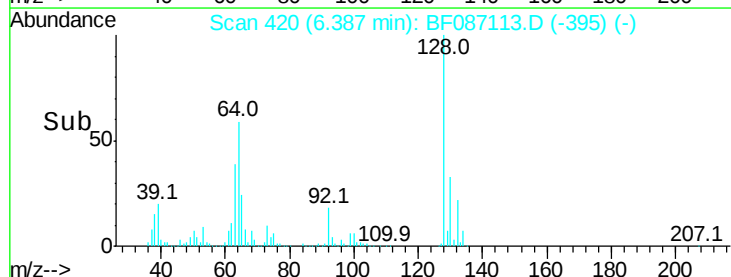
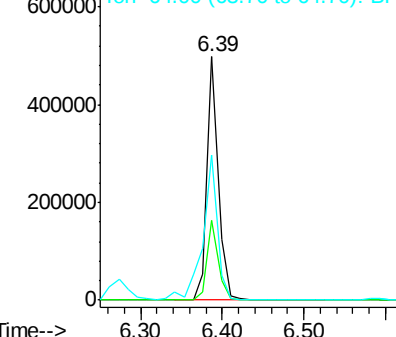
128 100

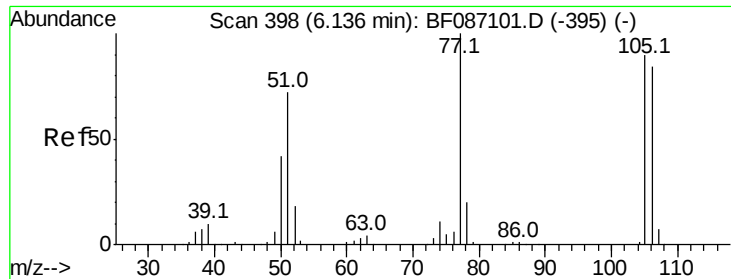
130 32.6 12.5 52.5

64 59.4 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





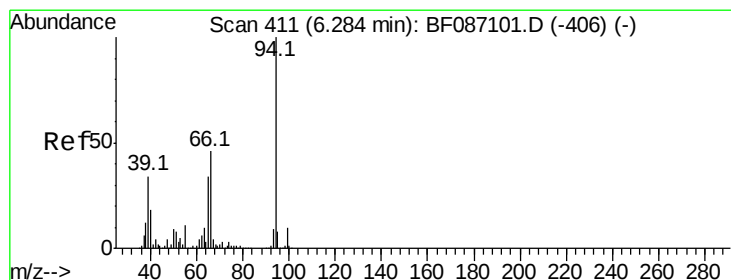
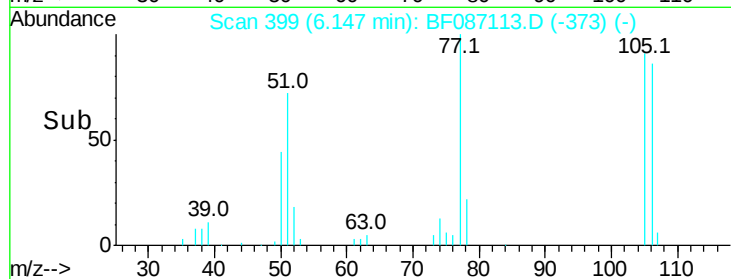
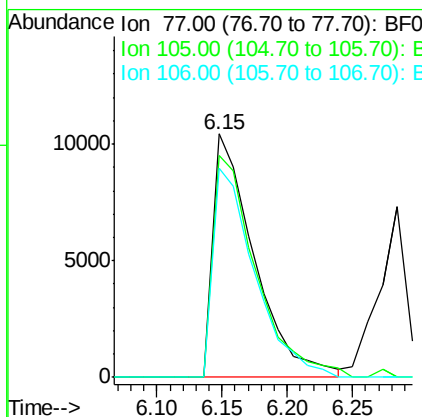
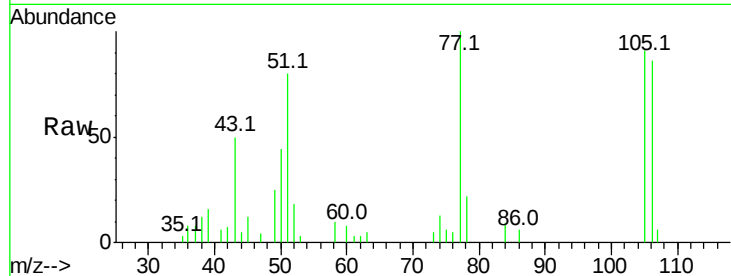
#9
Benzaldehydve
Concen: 2.35 ng
RT: 6.15 min Scan# 399
Delta R.T. 0.00 min
Lab File: BF087113.D
Acq: 17 May 2016 20:30

Instrument :
BNA_F
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HSR-WC-43-050616MSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	90.9	72.7	112.7
106	86.0	70.8	110.8

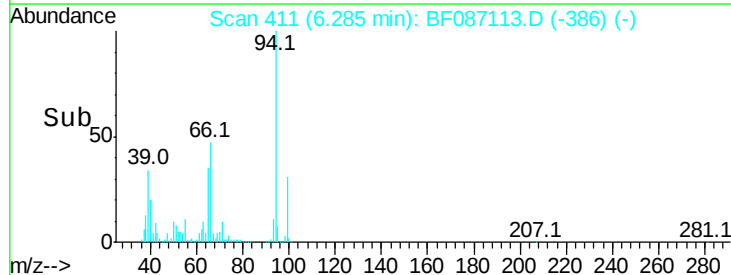
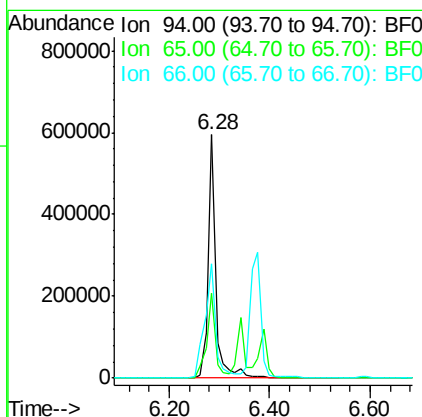
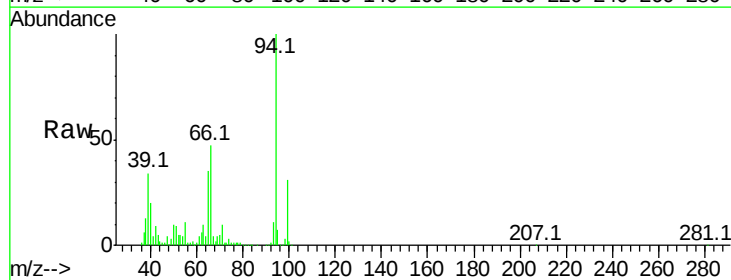
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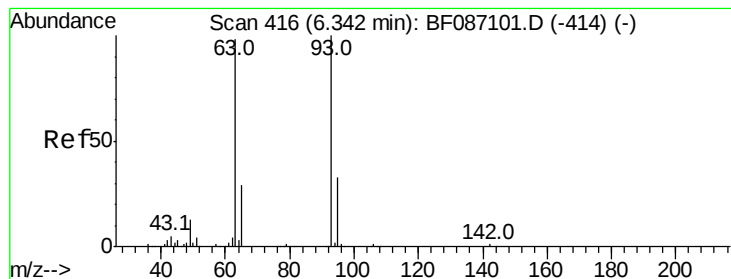
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#10
Phenol
Concen: 38.45 ng
RT: 6.28 min Scan# 411
Delta R.T. -0.01 min
Lab File: BF087113.D
Acq: 17 May 2016 20:30

Tgt Ion	Ratio	Lower	Upper
94	100		
65	34.6	7.2	47.2
66	47.1	14.9	54.9





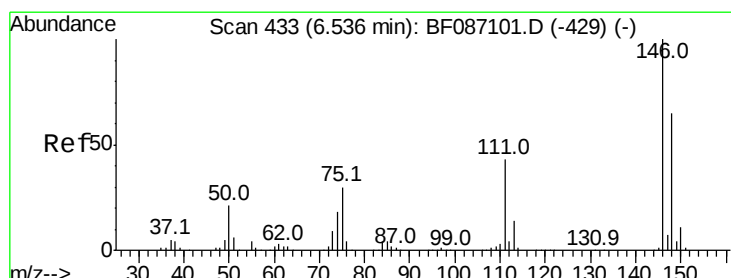
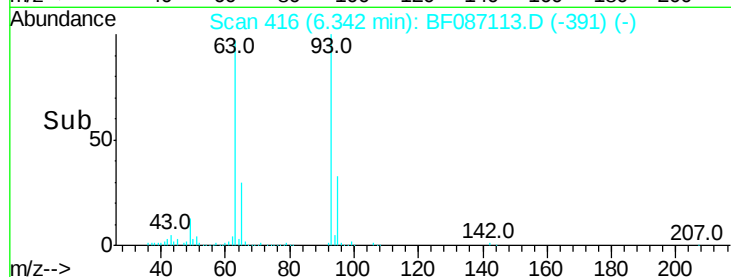
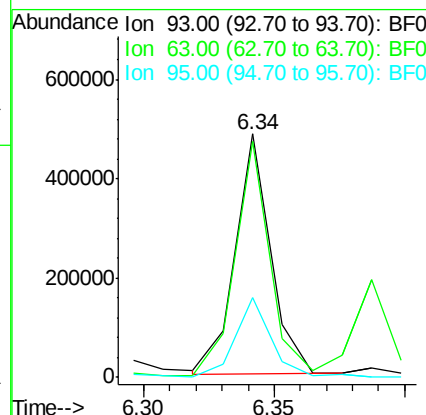
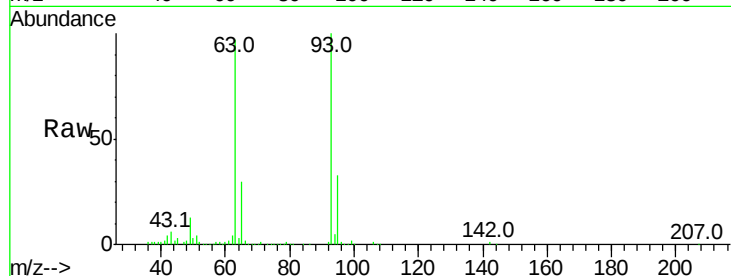
#11
bis(2-Chloroethyl)ether
Concen: 37.12 ng
RT: 6.34 min Scan# 416
Delta R.T. -0.01 min
Lab File: BF087113.D
Acq: 17 May 2016 20:30

Instrument :
BNA_F
ClientSampleId :
HSR-WC-43-050616MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	96.7	58.0	98.0
95	32.7	11.9	51.9

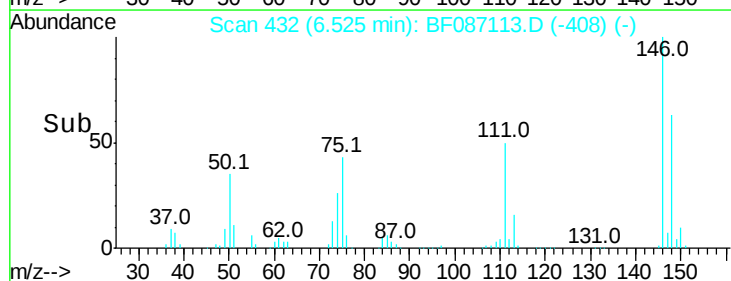
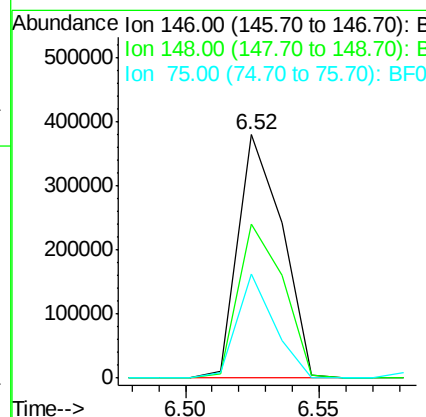
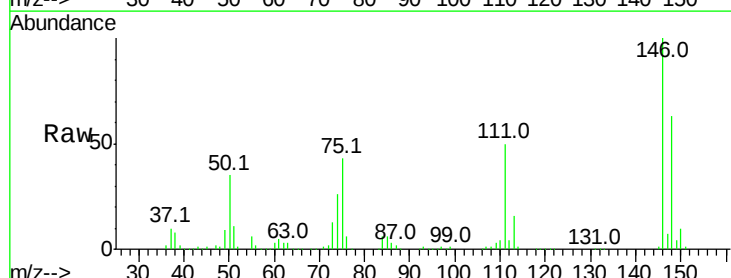
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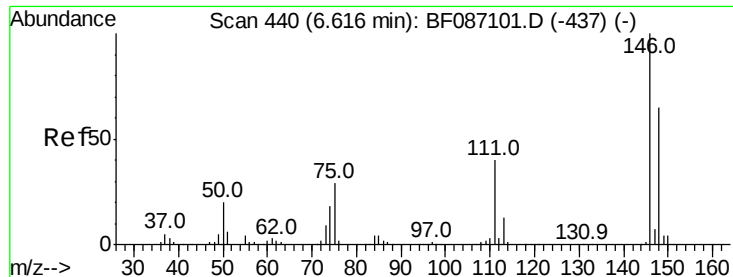
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#12
1,3-Dichlorobenzene
Concen: 34.68 ng m
RT: 6.52 min Scan# 432
Delta R.T. -0.02 min
Lab File: BF087113.D
Acq: 17 May 2016 20:30

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	52.4	78.6
75	43.0	22.8	34.2#





#13

1,4-Dichlorobenzene

Concen: 34.03 ng/mL

RT: 6.60 min Scan# 439

Delta R.T. -0.02 min

Lab File: BF087113.D

Acq: 17 May 2016 20:30

Instrument :

BNA_F

ClientSampleID :

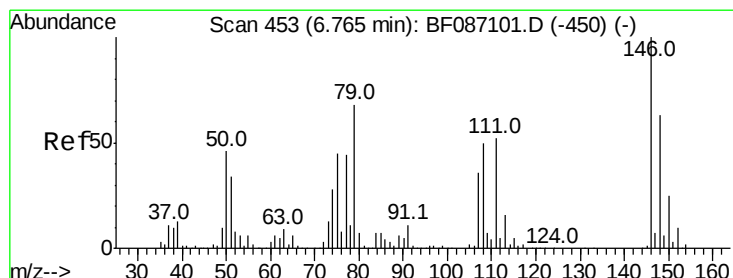
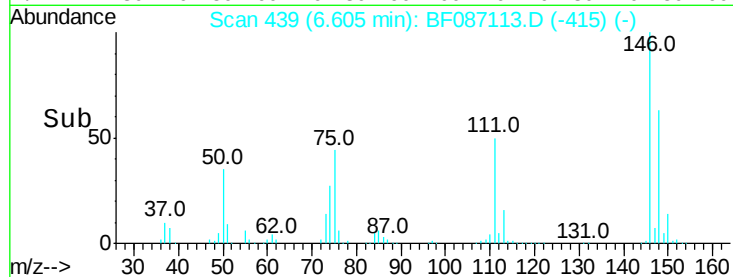
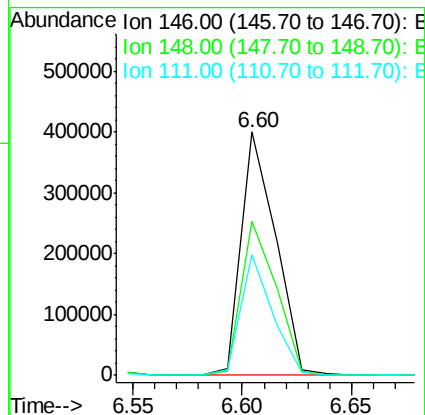
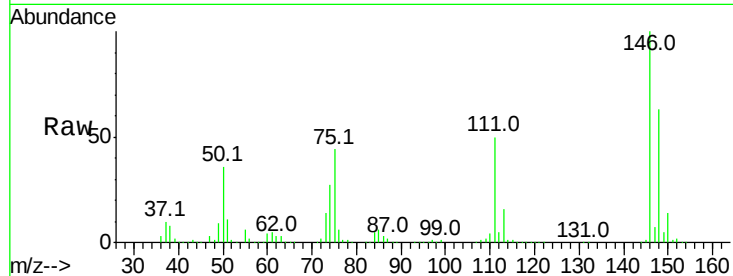
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Tot Ion:	146	Resp:	440248
Ion Ratio	Lower	Upper	
146	100		
148	63.4	52.2	78.4
111	49.7	30.7	46.1



#14

1,2-Dichlorobenzene

Concen: 36.33 ng/mL

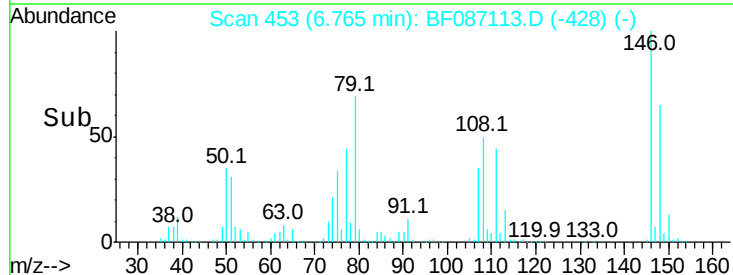
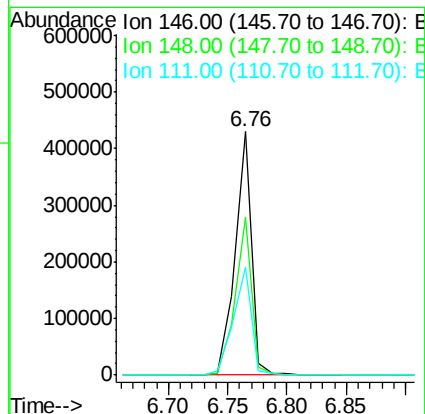
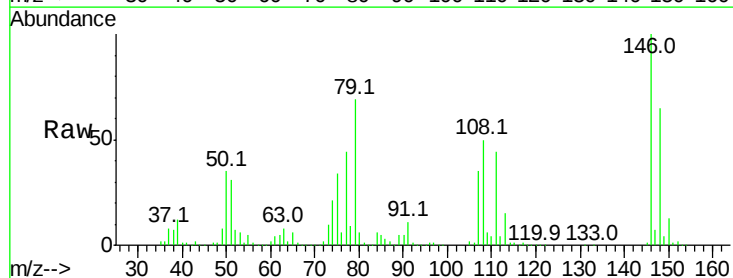
RT: 6.76 min Scan# 453

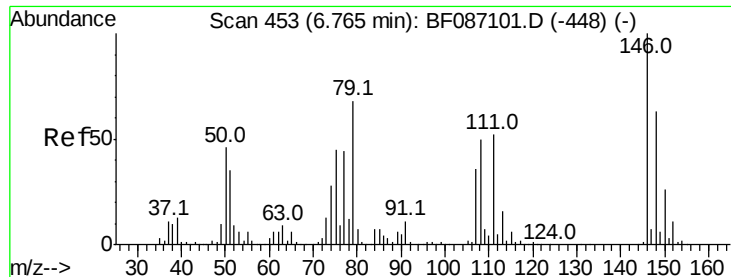
Delta R.T. -0.01 min

Lab File: BF087113.D

Acq: 17 May 2016 20:30

Tgt Ion:	146	Resp:	411426
Ion Ratio	Lower	Upper	
146	100		
148	64.6	51.0	76.6
111	44.2	36.2	54.4





#15

Benzyl Alcohol

Concen: 48.97 ng

RT: 6.76 min Scan# 453

Delta R.T. -0.01 min

Lab File: BF087113.D

Acq: 17 May 2016 20:30

Instrument :

BNA_F

ClientSampleId :

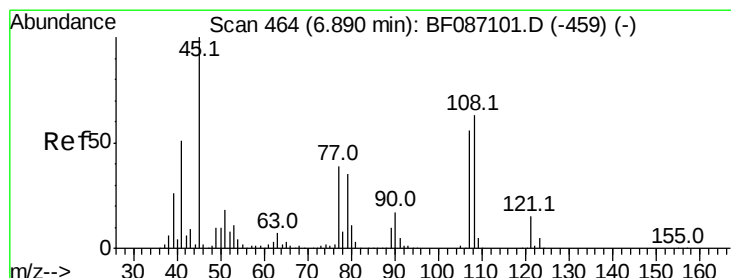
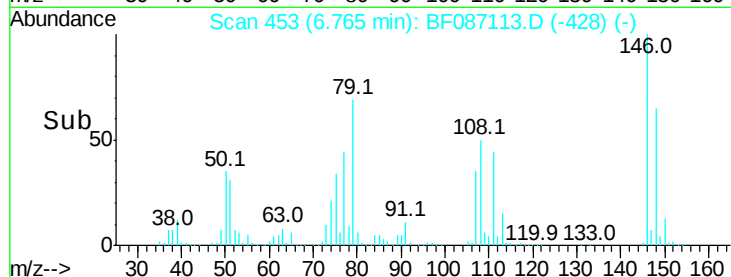
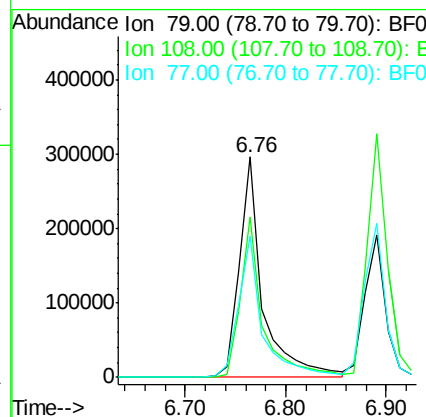
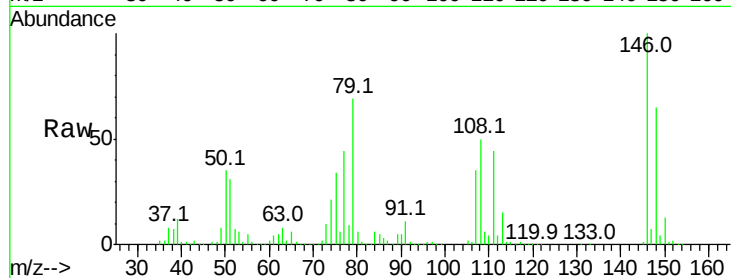
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Tot Ion:	79	Resp:	478046
Ion Ratio	Lower	Upper	
79	100		
108	73.2	68.4	102.6
77	64.0	50.6	76.0



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.77 ng

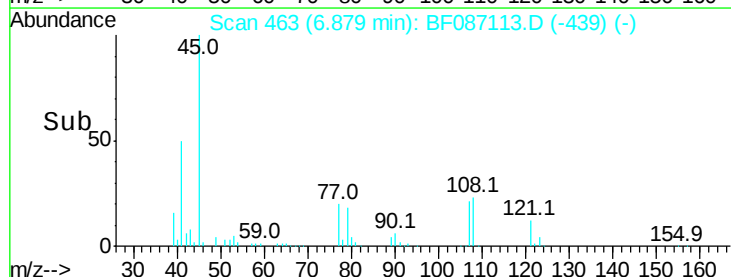
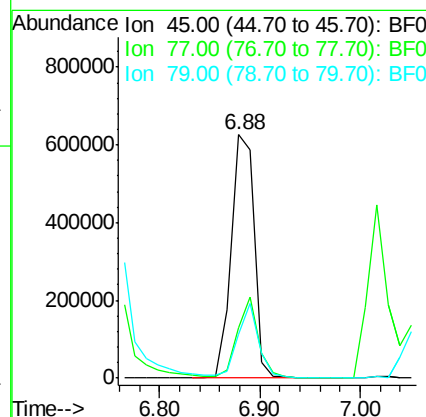
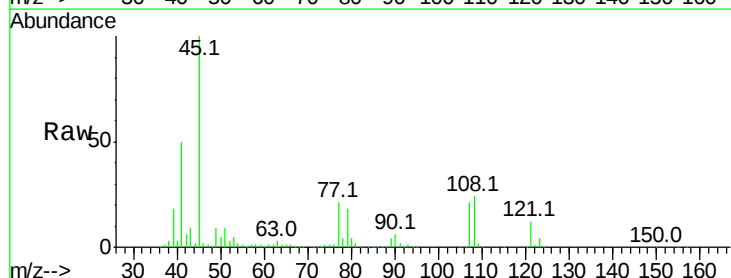
RT: 6.88 min Scan# 463

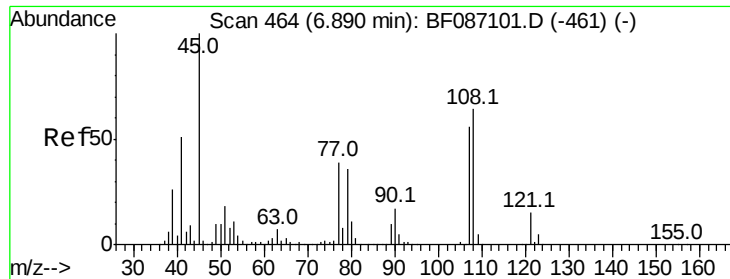
Delta R.T. -0.02 min

Lab File: BF087113.D

Acq: 17 May 2016 20:30

Tgt Ion:	45	Resp:	986391
Ion Ratio	Lower	Upper	
45	100		
77	20.8	0.0	36.4
79	18.1	0.0	33.4





#17

2-Methylphenol

Concen: 41.35 ng

RT: 6.89 min Scan# 464

Delta R.T. -0.01 min

Lab File: BF087113.D

Acq: 17 May 2016 20:30

Instrument :

BNA_F

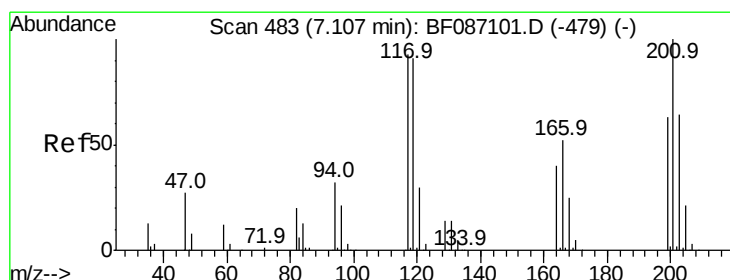
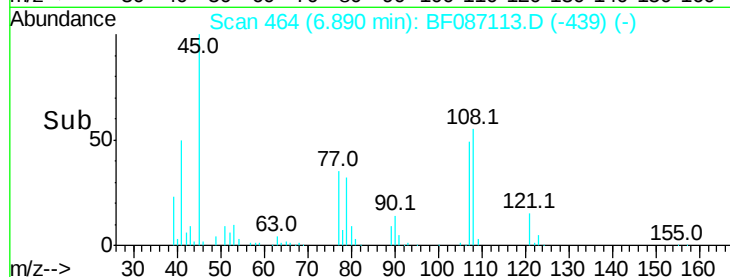
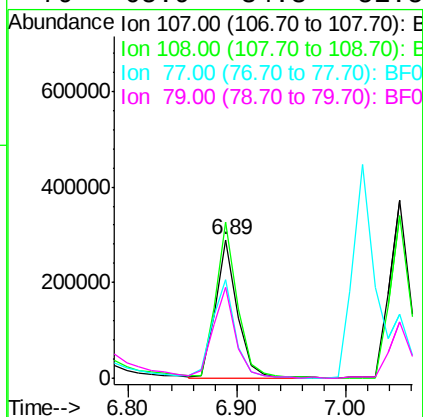
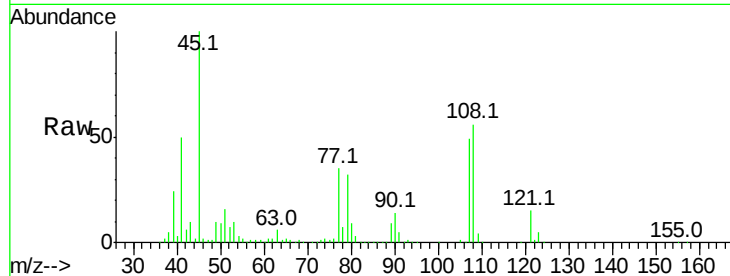
ClientSampleId :

HSR-WC-43-050616MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.8	93.7	140.5	
77	71.3	33.4	50.0	
79	65.9	34.3	51.5	

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#18

Hexachloroethane

Concen: 34.20 ng

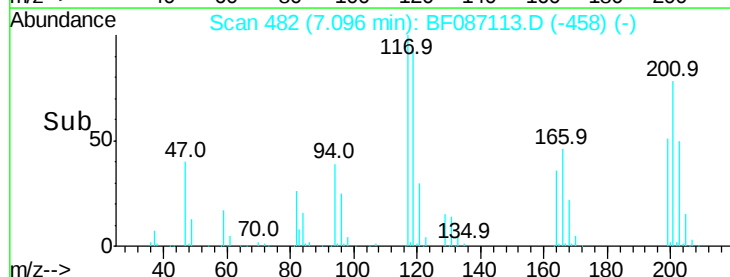
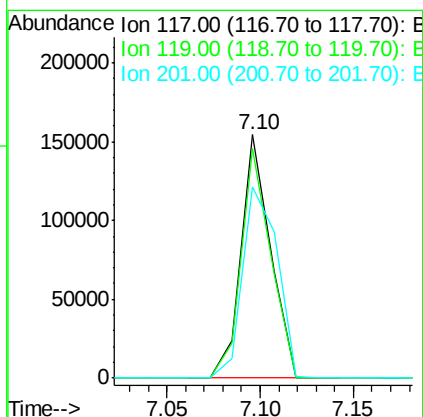
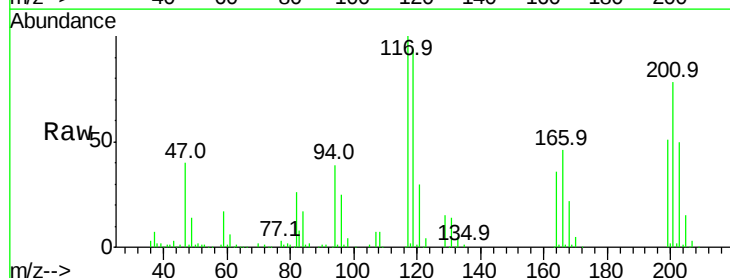
RT: 7.10 min Scan# 482

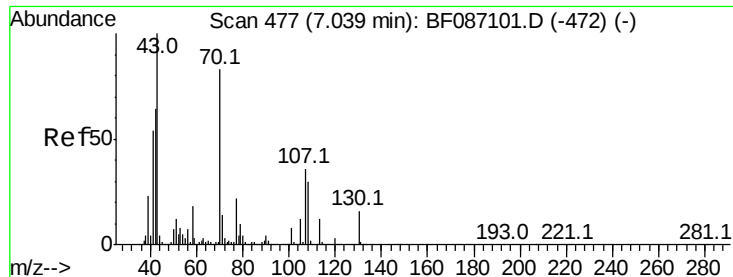
Delta R.T. -0.02 min

Lab File: BF087113.D

Acq: 17 May 2016 20:30

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.3	76.5	114.7	
201	78.3	63.0	94.6	





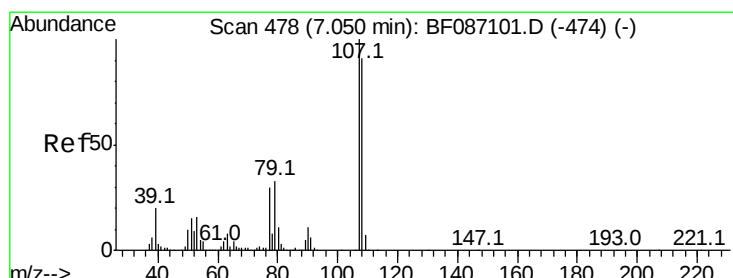
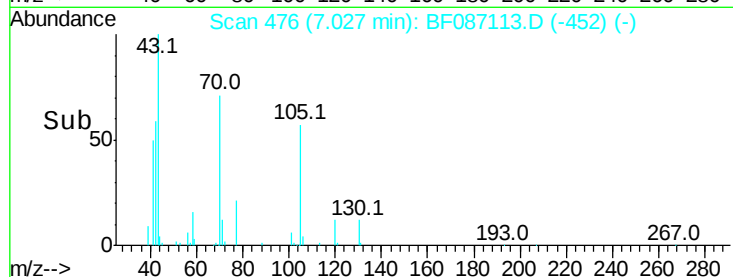
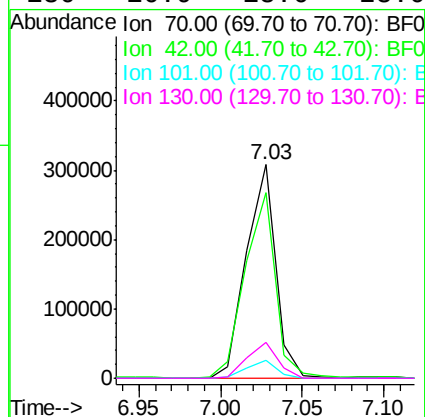
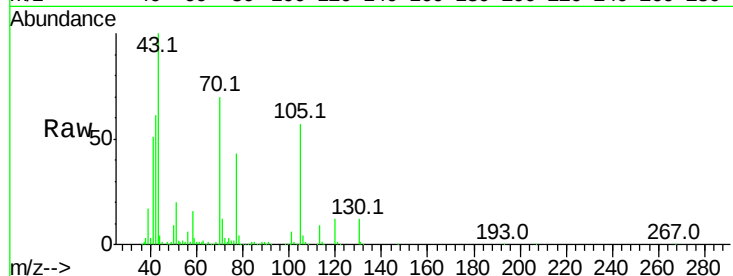
#19
n-Nitroso-di-n-propylamine
Concen: 38.69 ng
RT: 7.03 min Scan# 476
Delta R.T. -0.02 min
Lab File: BF087113.D
Acq: 17 May 2016 20:30

Instrument :
BNA_F
ClientSampleId :
HSR-WC-43-050616MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	87.0	43.1	64.7#		
101	8.4	8.1	12.1		
130	16.9	18.6	28.0#		

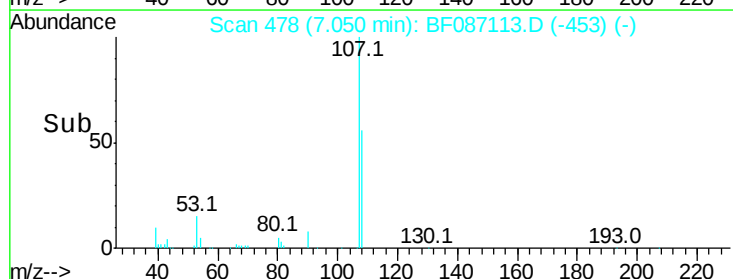
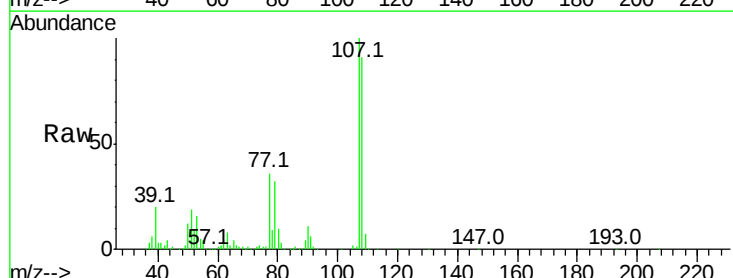
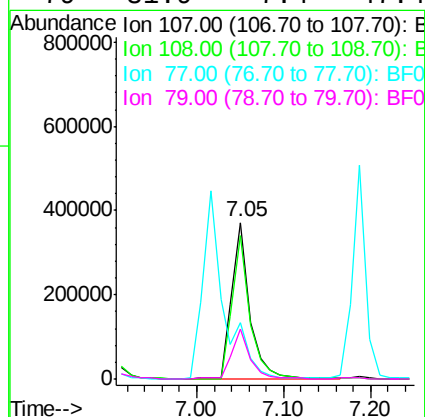
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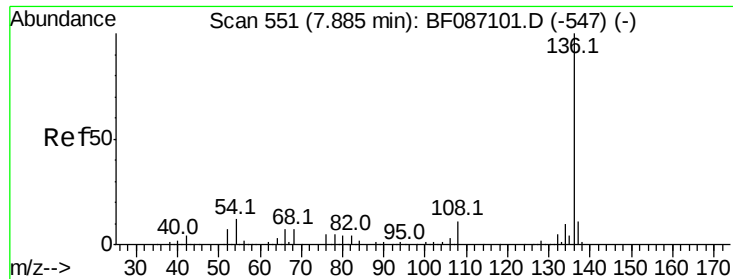
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#20
3+4-Methylphenols
Concen: 41.51 ng
RT: 7.05 min Scan# 478
Delta R.T. -0.01 min
Lab File: BF087113.D
Acq: 17 May 2016 20:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	91.3	68.5	108.5		
77	36.3	101.6	141.6#		
79	31.9	7.4	47.4		





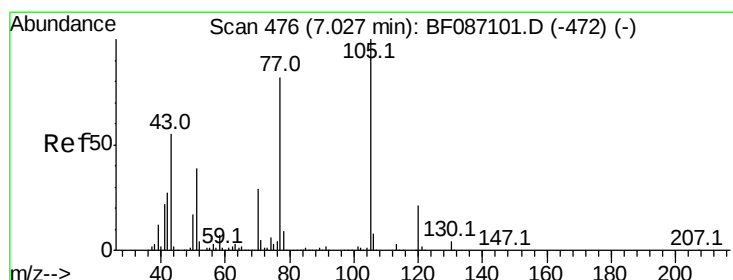
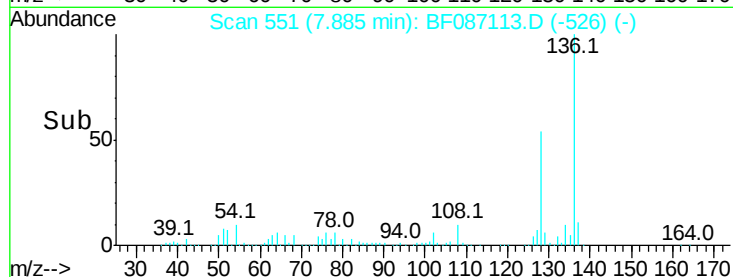
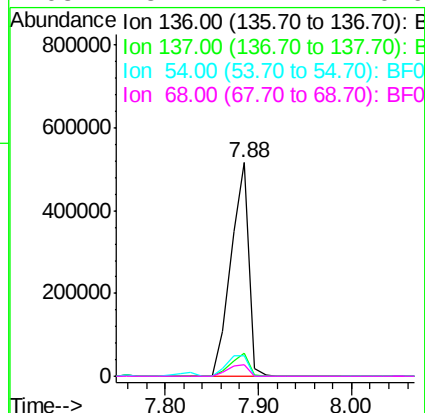
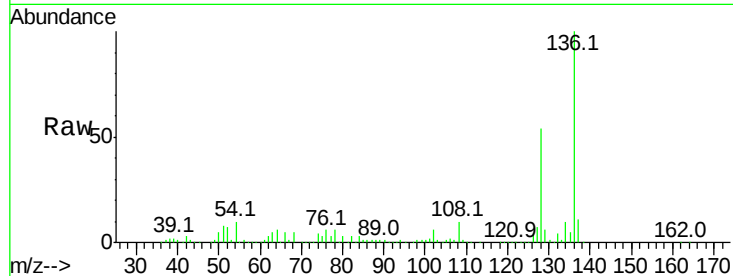
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 551
Delta R.T. -0.01 min
Lab File: BF087113.D
Acq: 17 May 2016 20:30

Instrument :
BNA_F
ClientSampleId :
HSR-WC-43-050616MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	686090		
137	11.0	8.8	13.2	
54	9.7	5.0	7.4	
68	5.4	4.4	6.6	

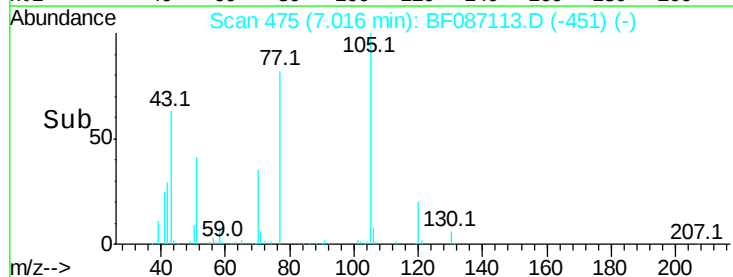
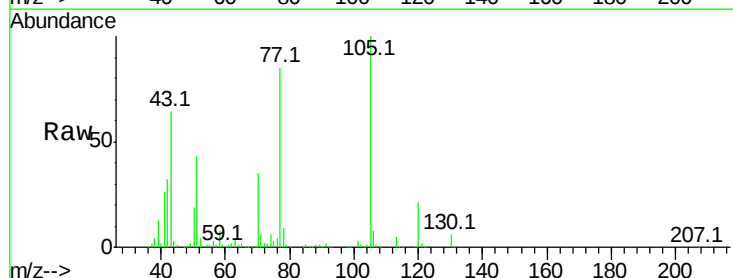
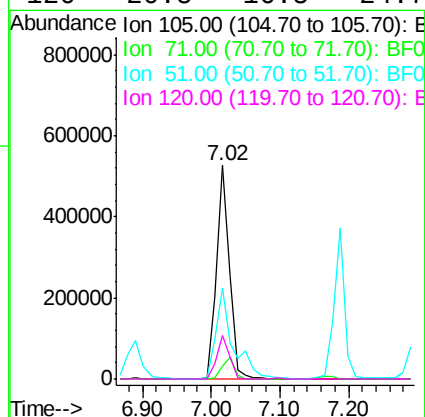
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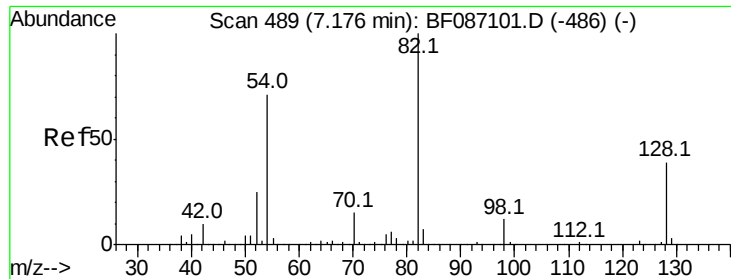
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#22
Acetophenone
Concen: 41.93 ng
RT: 7.02 min Scan# 475
Delta R.T. -0.02 min
Lab File: BF087113.D
Acq: 17 May 2016 20:30

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	703951		
71	5.8	4.8	7.2	
51	42.7	32.6	49.0	
120	20.5	16.5	24.7	





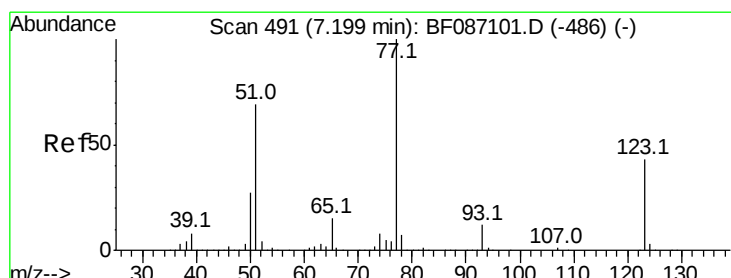
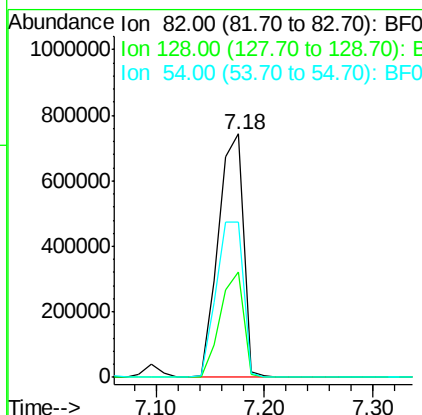
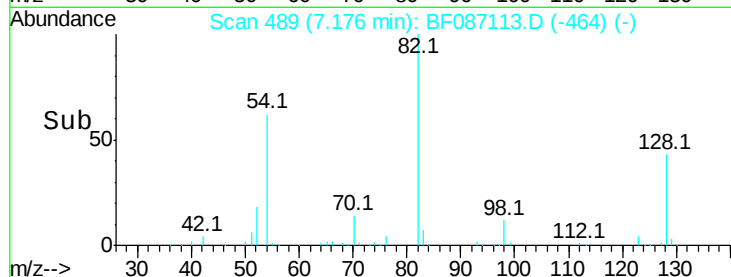
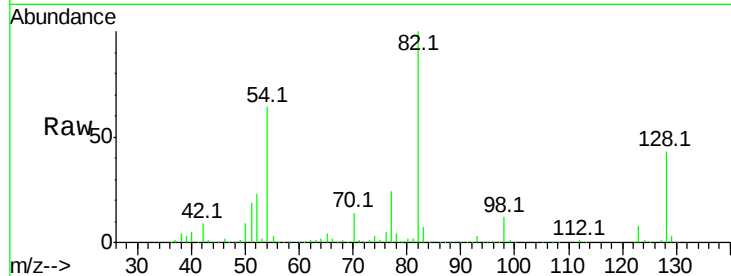
#23
 Nitrobenzene-d5
 Concen: 87.04 ng
 RT: 7.18 min Scan# 489
 Delta R.T. -0.01 min
 Lab File: BF087113.D
 Acq: 17 May 2016 20:30

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-43-050616MSD

Tot Ion:	82	Resp:	1198205
Ion Ratio	Lower	Upper	
82	100		
128	43.3	40.6	61.0
54	63.9	38.1	57.1#

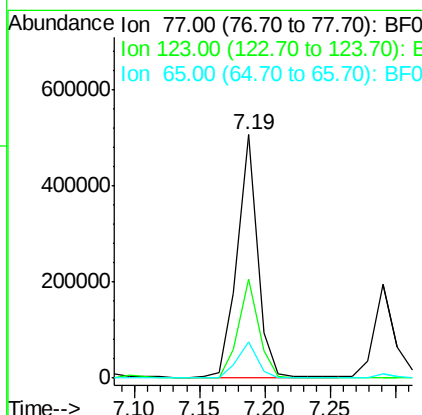
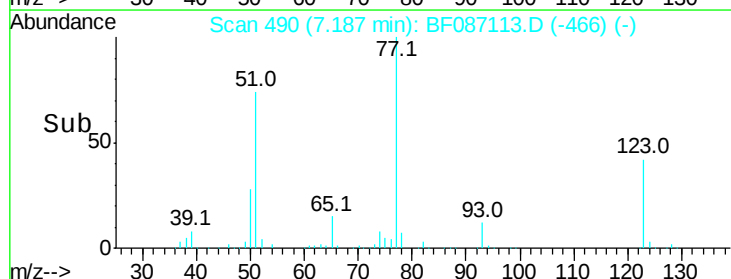
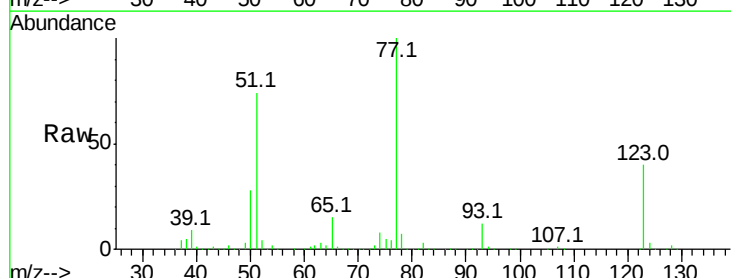
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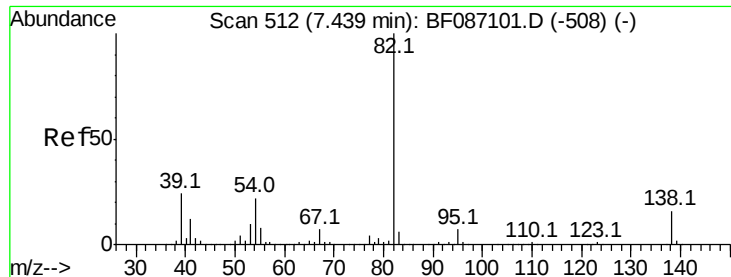
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#24
 Nitrobenzene
 Concen: 36.38 ng
 RT: 7.19 min Scan# 490
 Delta R.T. -0.02 min
 Lab File: BF087113.D
 Acq: 17 May 2016 20:30

Tgt Ion:	77	Resp:	546887
Ion Ratio	Lower	Upper	
77	100		
123	40.4	33.0	49.4
65	14.9	10.8	16.2





#25

Isophorone

Concen: 41.23 ng

RT: 7.43 min Scan# 511

Delta R.T. -0.02 min

Lab File: BF087113.D

Acq: 17 May 2016 20:30

Instrument :

BNA_F

ClientSampleId :

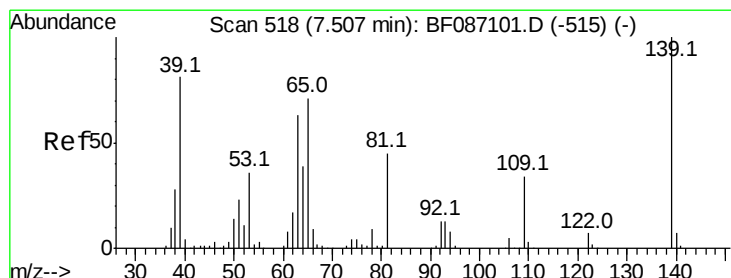
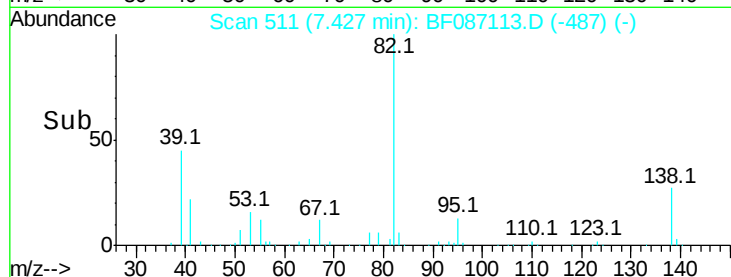
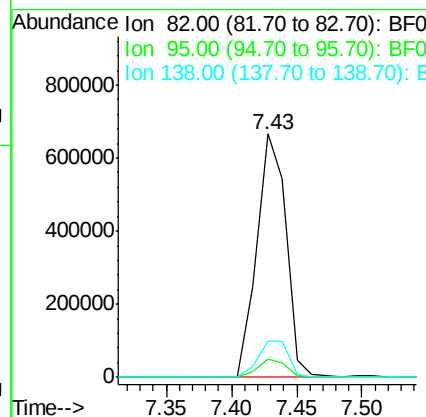
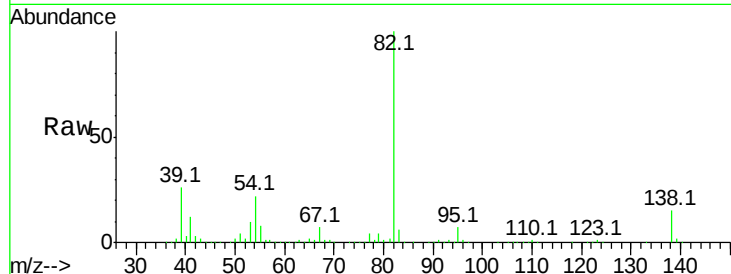
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Tot Ion:	82	Resp:	1039135
Ion	Ratio	Lower	Upper
82	100		
95	7.3	5.1	7.7
138	15.0	12.4	18.6



#26

2-Nitrophenol

Concen: 43.55 ng

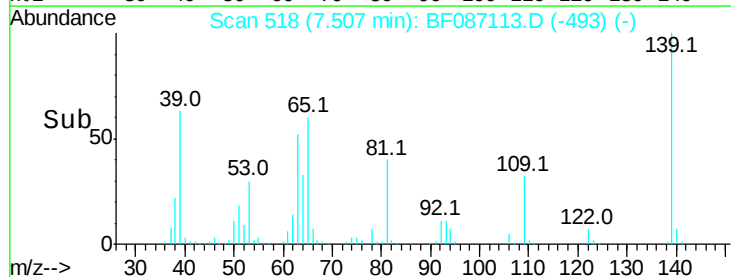
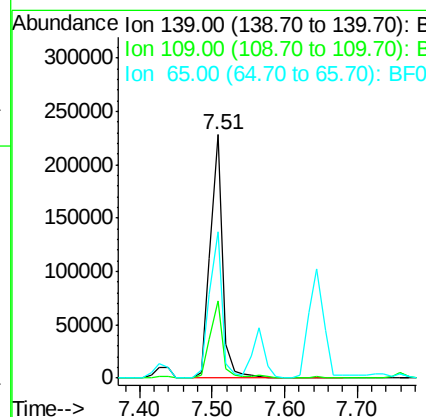
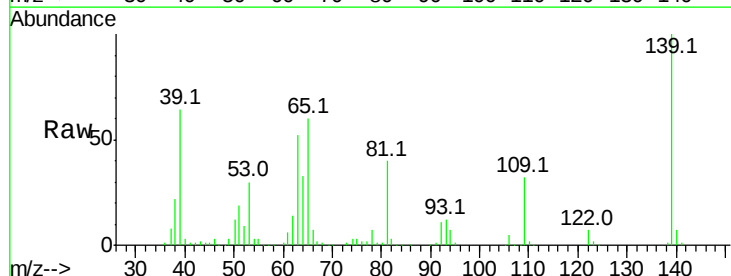
RT: 7.51 min Scan# 518

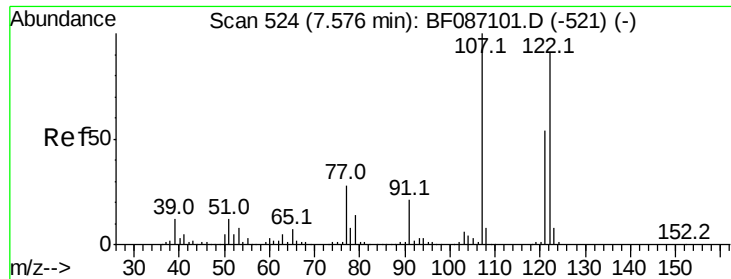
Delta R.T. -0.01 min

Lab File: BF087113.D

Acq: 17 May 2016 20:30

Tgt Ion:	139	Resp:	271178
Ion	Ratio	Lower	Upper
139	100		
109	31.5	19.5	29.3#
65	59.9	37.5	56.3#





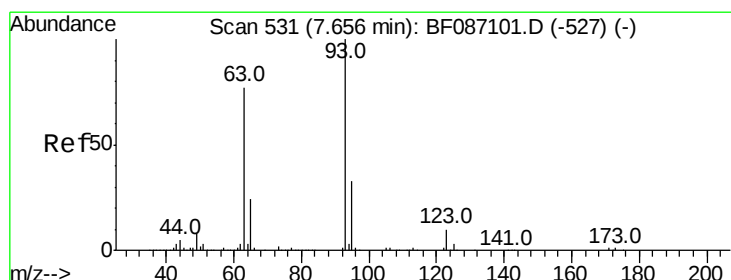
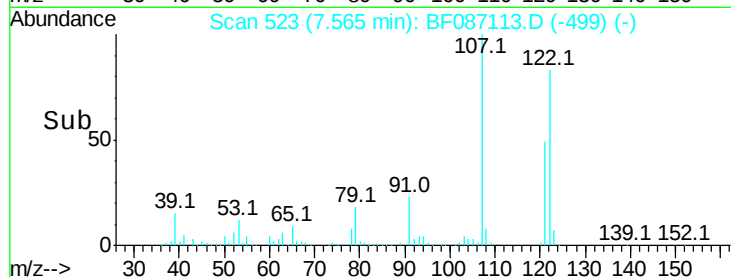
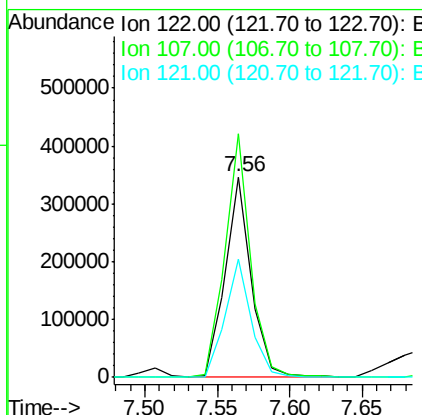
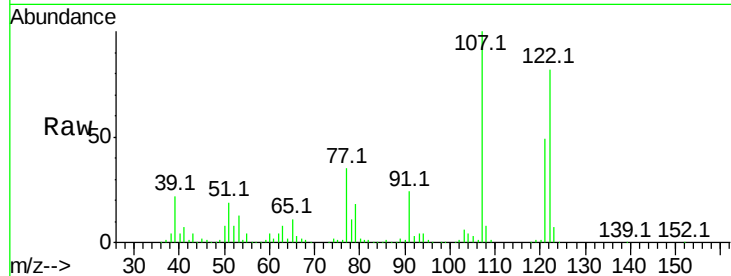
#27
2,4-Dimethylphenol
Concen: 40.42 ng
RT: 7.56 min Scan# 523
Delta R.T. -0.02 min
Lab File: BF087113.D
Acq: 17 May 2016 20:30

Instrument :
BNA_F
ClientSampleId :
HSR-WC-43-050616MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	429480		
107	121.4	82.0	123.0	
121	59.2	46.1	69.1	

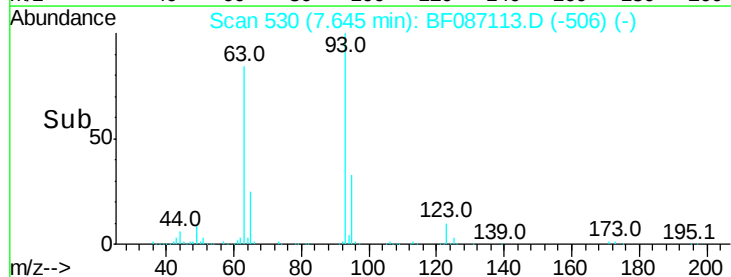
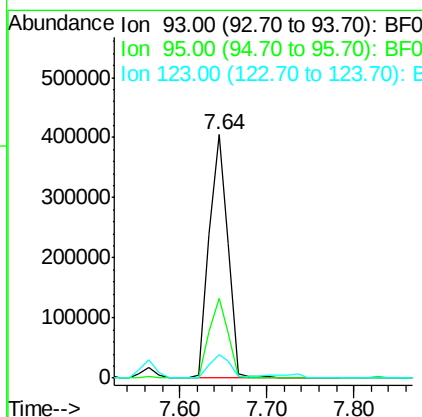
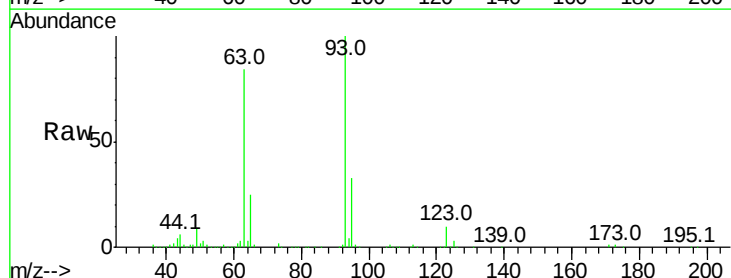
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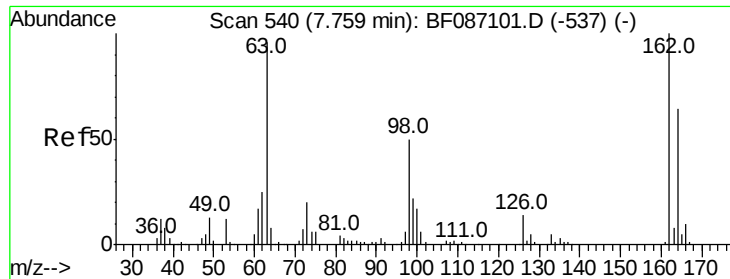
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#28
bis(2-Chloroethoxy)methane
Concen: 44.29 ng
RT: 7.64 min Scan# 530
Delta R.T. -0.02 min
Lab File: BF087113.D
Acq: 17 May 2016 20:30

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	612683		
95	32.6	26.0	39.0	
123	9.7	9.5	14.3	





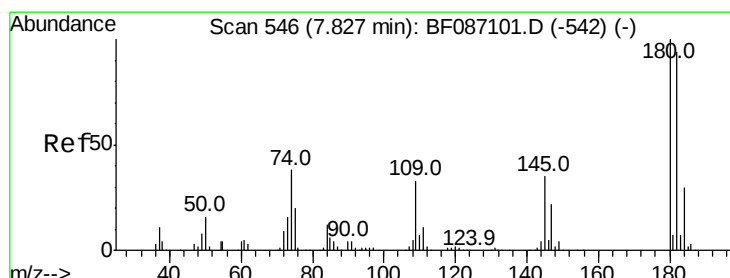
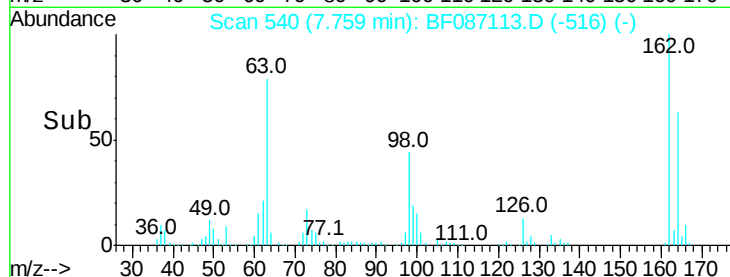
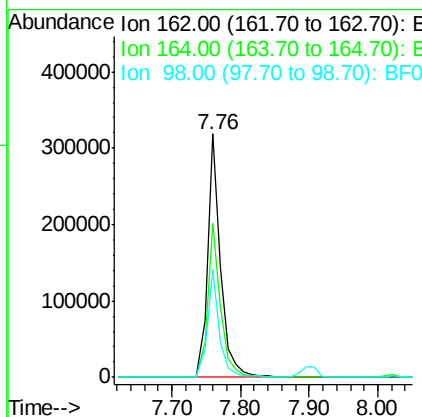
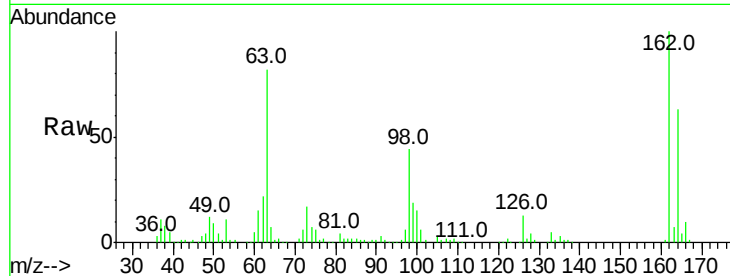
#29
 2,4-Dichlorophenol
 Concen: 44.62 ng
 RT: 7.76 min Scan# 540
 Delta R.T. -0.02 min
 Lab File: BF087113.D
 Acq: 17 May 2016 20:30

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-43-050616MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	417776		
164	63.3	42.2	82.2	
98	44.2	19.0	59.0	

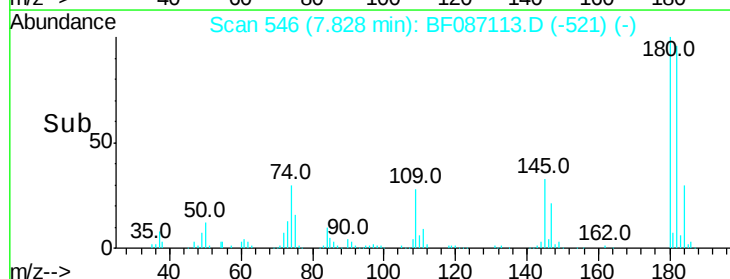
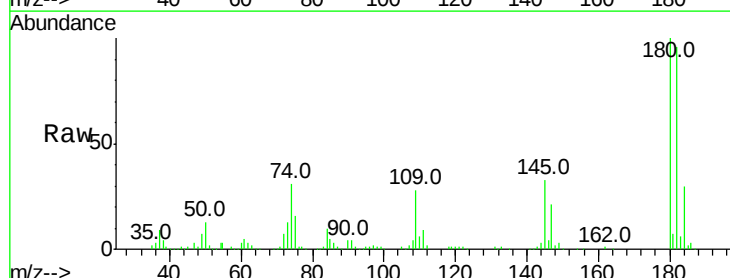
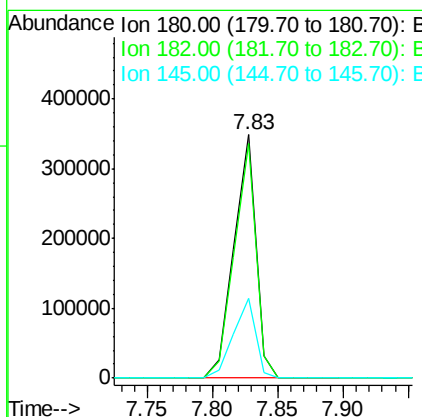
Manual Integrations
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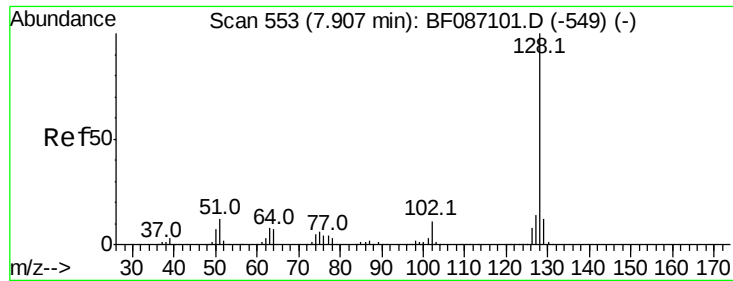
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.23 ng
 RT: 7.83 min Scan# 546
 Delta R.T. -0.01 min
 Lab File: BF087113.D
 Acq: 17 May 2016 20:30

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	407587		
182	96.3	78.0	117.0	
145	32.7	24.2	36.2	





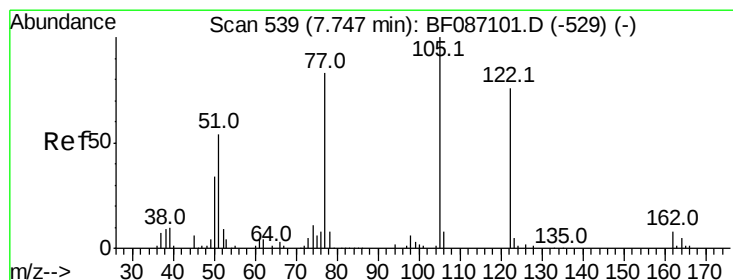
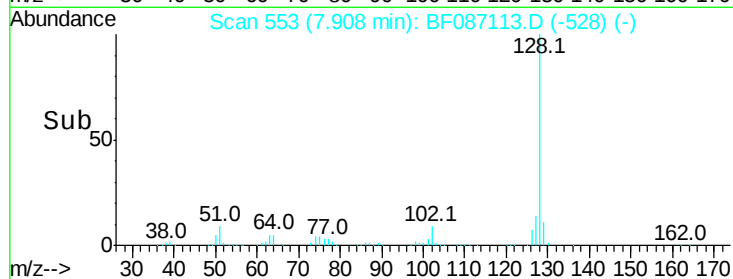
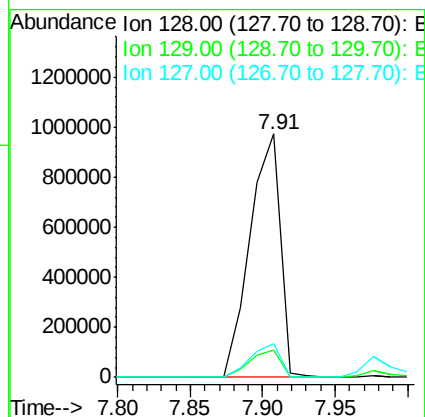
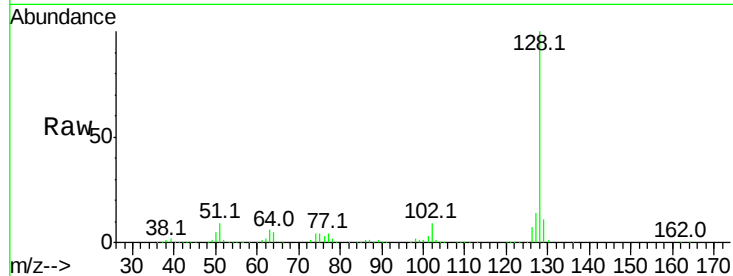
#31
Naphthalene
Concen: 42.19 ng
RT: 7.91 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF087113.D
Acq: 17 May 2016 20:30

Instrument :
BNA_F
ClientSampleId :
HSR-WC-43-050616MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.6	13.0
127	13.7	10.8	16.2

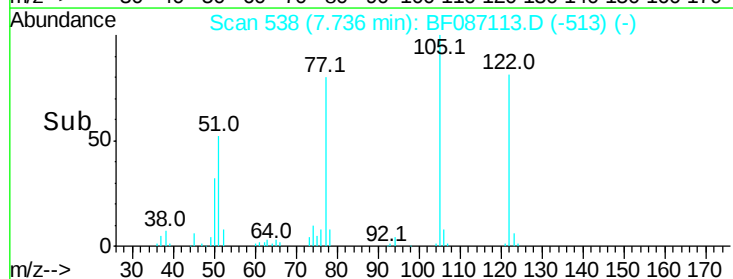
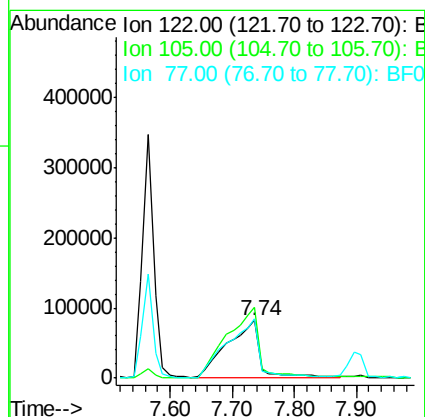
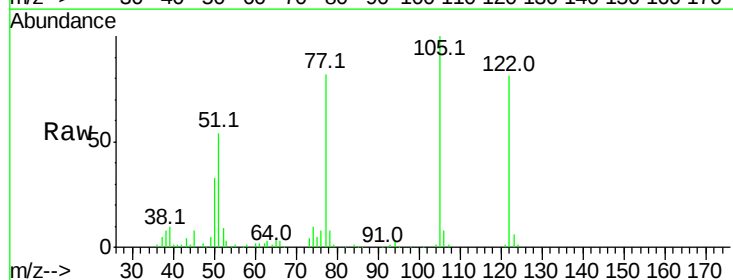
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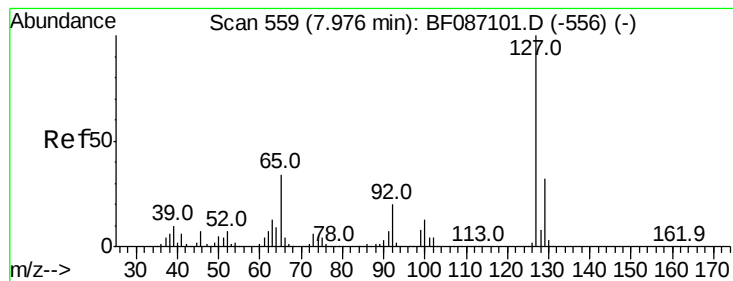
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#32
Benzoic acid
Concen: 46.13 ng
RT: 7.74 min Scan# 538
Delta R.T. -0.01 min
Lab File: BF087113.D
Acq: 17 May 2016 20:30

Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.2	92.6	132.6
77	101.4	60.0	100.0#





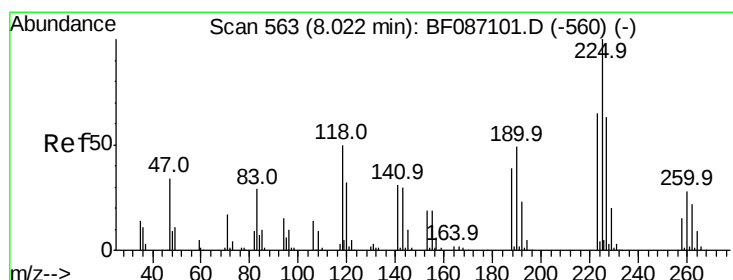
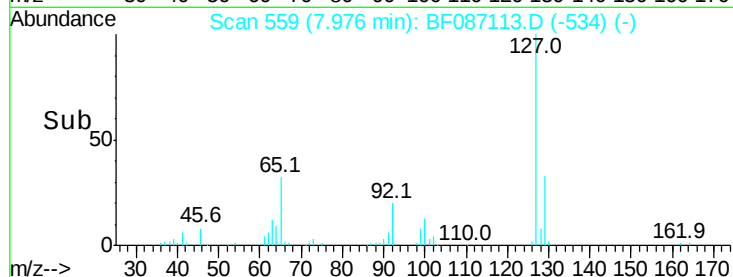
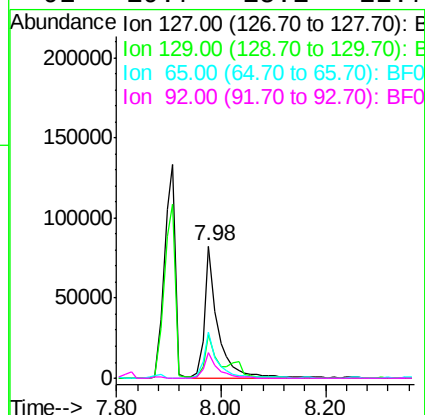
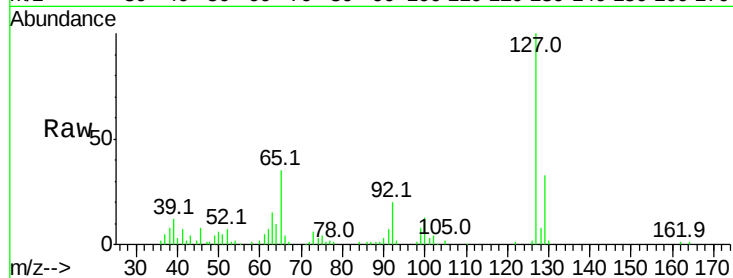
#33
4-Chloroaniline
Concen: 10.33 ng
RT: 7.98 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF087113.D
Acq: 17 May 2016 20:30

Instrument :
BNA_F
ClientSampleId :
HSR-WC-43-050616MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.0	26.2	39.4		
65	35.0	23.0	34.4		
92	19.7	15.1	22.7		

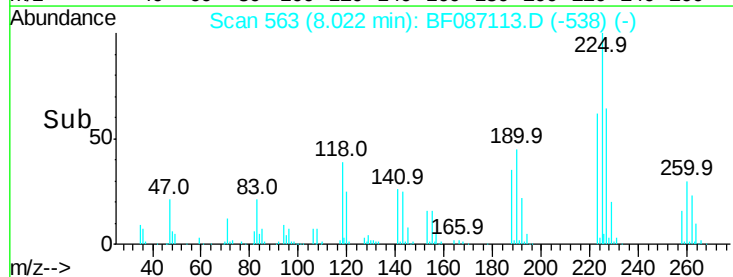
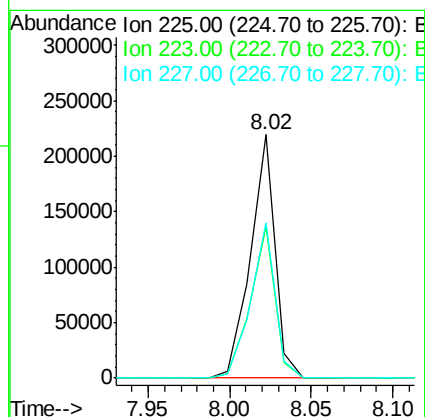
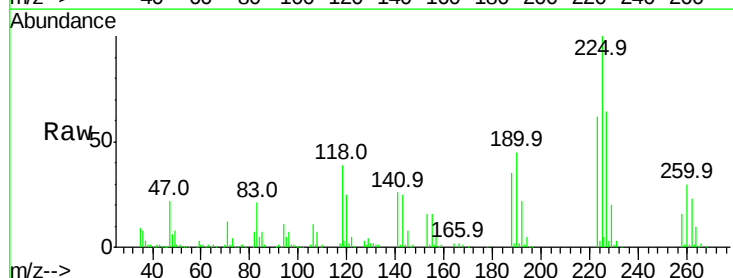
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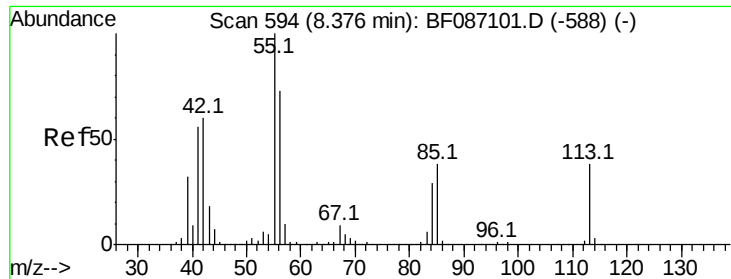
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#34
Hexachlorobutadiene
Concen: 38.83 ng
RT: 8.02 min Scan# 563
Delta R.T. -0.01 min
Lab File: BF087113.D
Acq: 17 May 2016 20:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.0	51.5	77.3		
227	63.8	52.2	78.2		





#35

Caprolactam

Concen: 37.34 ng/ml

RT: 8.36 min Scan# 593

Delta R.T. -0.02 min

Lab File: BF087113.D

Acq: 17 May 2016 20:30

Instrument :

BNA_F

ClientSampleID :

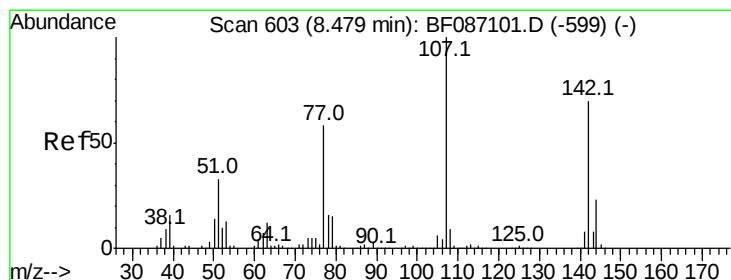
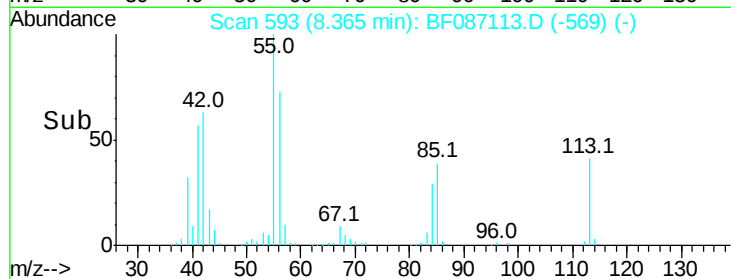
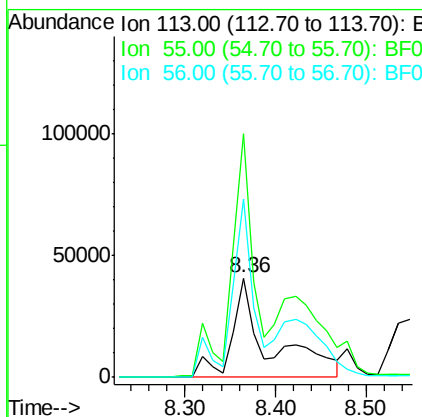
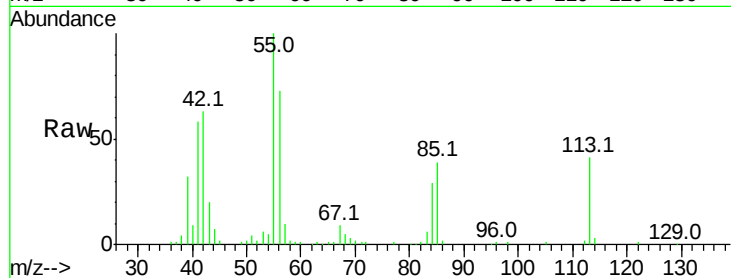
HSR-WC-43-050616MSD

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Tot Ion	Ratio	Lower	Upper
113	100		
55	245.6	162.0	202.0#
56	180.0	115.3	155.3#



#36

4-Chloro-3-methylphenol

Concen: 41.58 ng/ml

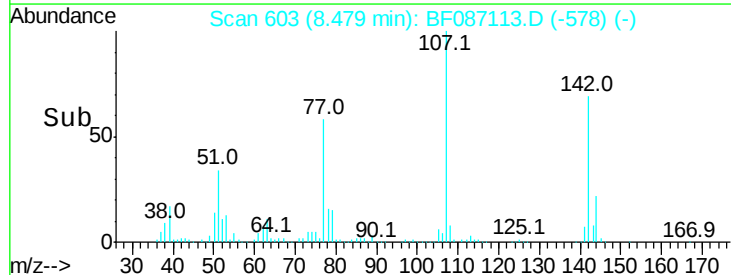
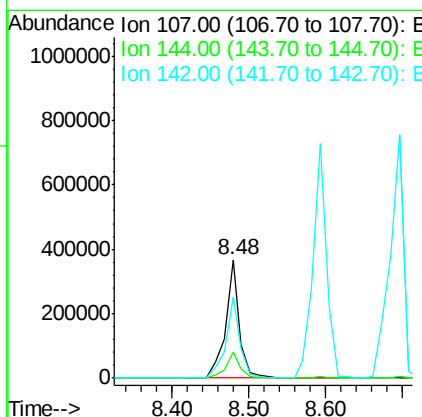
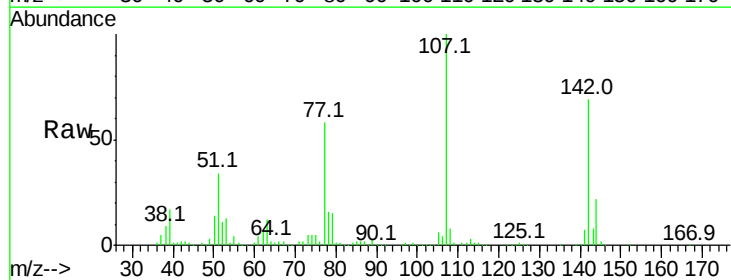
RT: 8.48 min Scan# 603

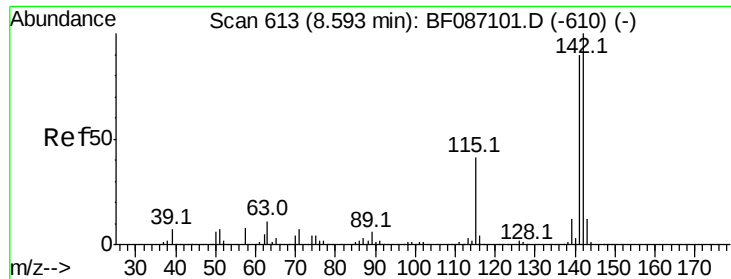
Delta R.T. -0.01 min

Lab File: BF087113.D

Acq: 17 May 2016 20:30

Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.2	20.7	31.1
142	68.7	63.2	94.8





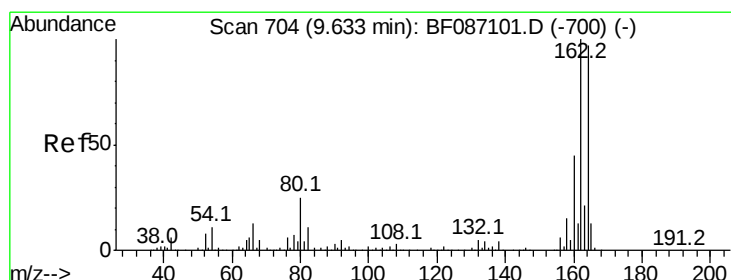
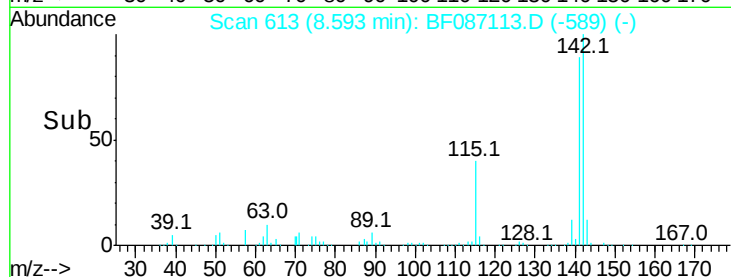
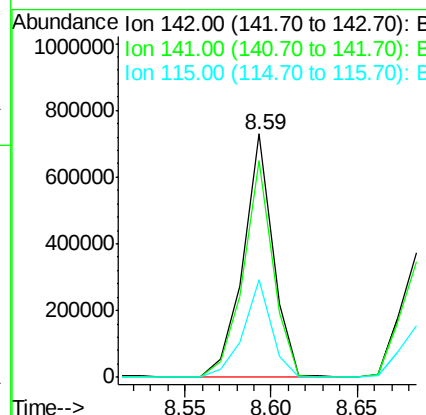
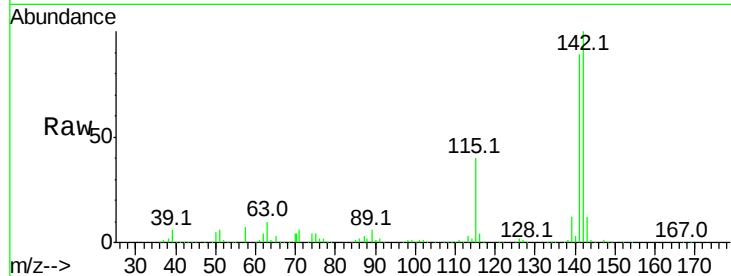
#37
2-Methylnaphthalene
Concen: 41.19 ng/mL
RT: 8.59 min Scan# 613
Delta R.T. -0.02 min
Lab File: BF087113.D
Acq: 17 May 2016 20:30

Instrument :
BNA_F
ClientSampleId :
HSR-WC-43-050616MSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	883131		
141	89.1	71.0	106.6	
115	40.2	26.6	39.8	

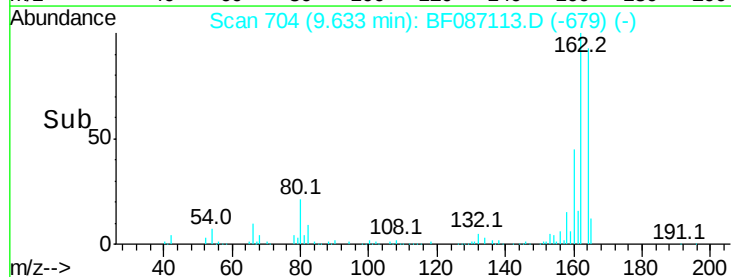
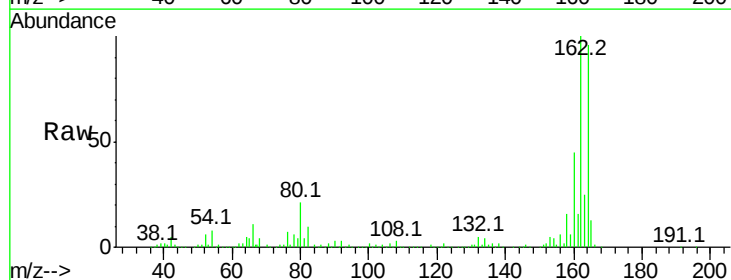
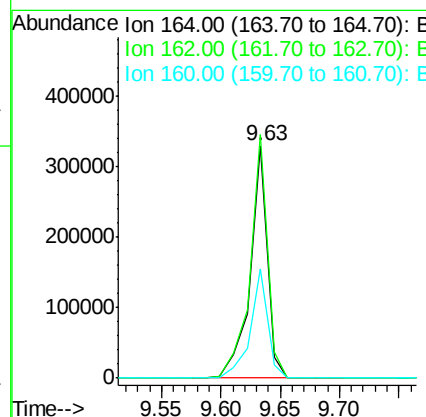
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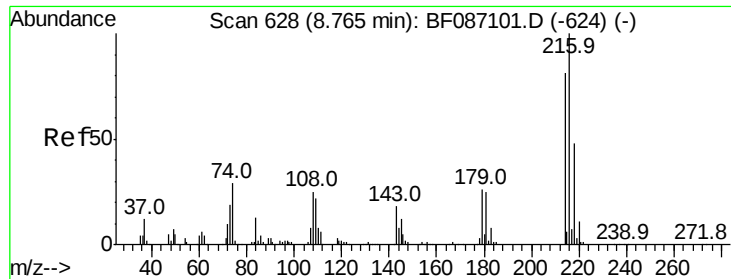
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#38
Acenaphthene-d10
Concen: 20.00 ng/mL
RT: 9.63 min Scan# 704
Delta R.T. -0.01 min
Lab File: BF087113.D
Acq: 17 May 2016 20:30

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	335718		
162	104.7	82.8	124.2	
160	46.9	36.9	55.3	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.66 ng

RT: 8.76 min Scan# 628

Delta R.T. -0.01 min

Lab File: BF087113.D

Acq: 17 May 2016 20:30

Instrument :

BNA_F

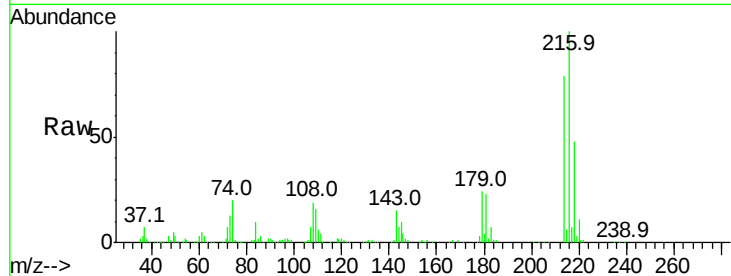
ClientSampleId :

HSR-WC-43-050616MSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	408481		
214	78.7	62.6	93.8	
179	24.4	18.2	27.4	
108	24.3	17.5	26.3	

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Abundance Ion 216.00 (215.70 to 216.70): E

600000

Ion 214.00 (213.70 to 214.70): E

500000

Ion 179.00 (178.70 to 179.70): E

400000

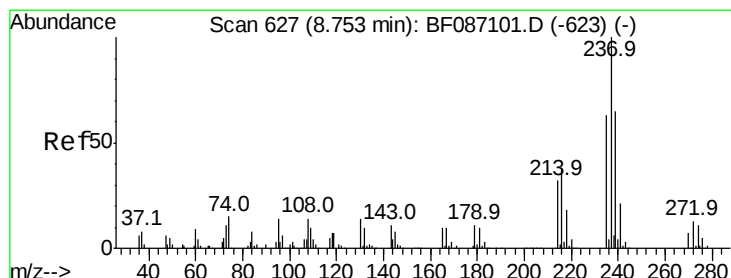
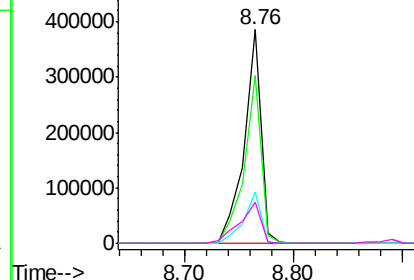
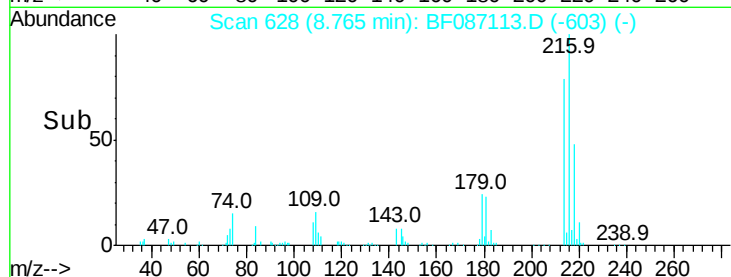
Ion 108.00 (107.70 to 108.70): E

300000

200000

100000

0



#40

Hexachlorocyclopentadiene

Concen: 70.13 ng

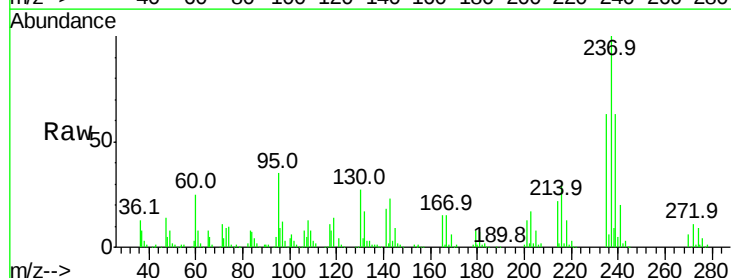
RT: 8.74 min Scan# 626

Delta R.T. -0.02 min

Lab File: BF087113.D

Acq: 17 May 2016 20:30

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	261480		
235	62.7	47.2	87.2	
272	11.3	0.0	31.1	



Abundance Ion 236.80 (236.50 to 237.50): E

250000

Ion 234.90 (234.60 to 235.60): E

200000

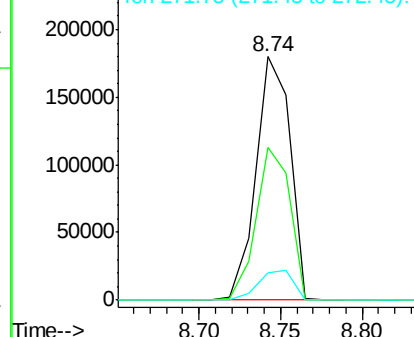
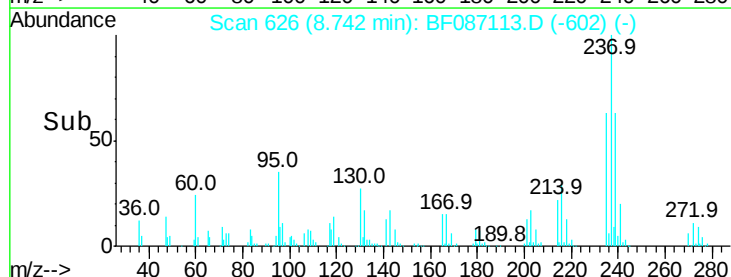
Ion 271.75 (271.45 to 272.45): E

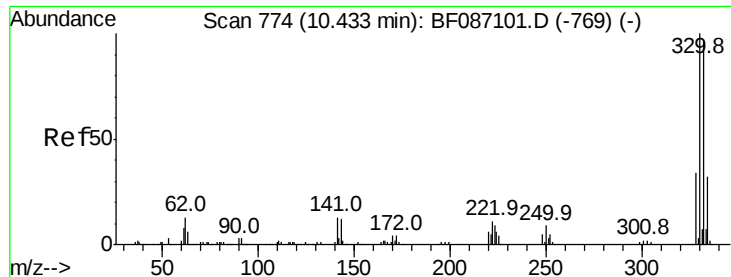
150000

100000

50000

0





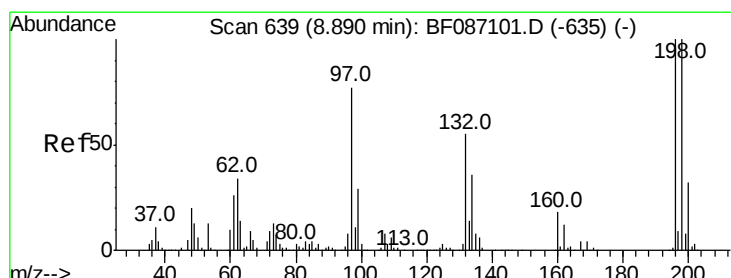
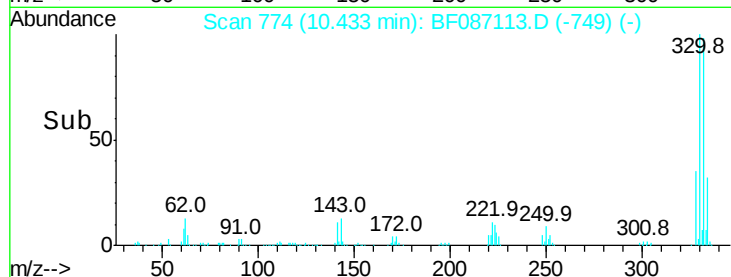
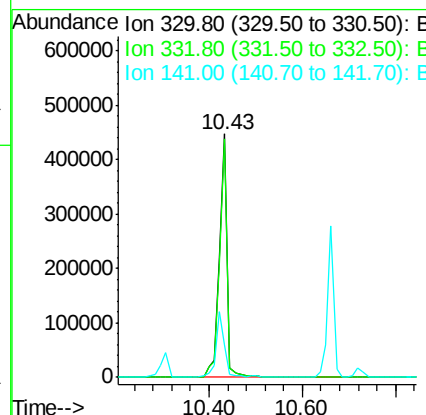
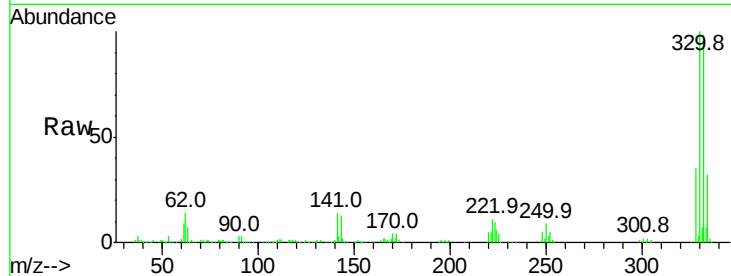
#41
 2,4,6-Tribromophenol
 Concen: 142.87 ng
 RT: 10.43 min Scan# 774
 Delta R.T. -0.01 min
 Lab File: BF087113.D
 Acq: 17 May 2016 20:30

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-43-050616MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.5	79.0	118.4	
141	29.0	31.2	46.8	

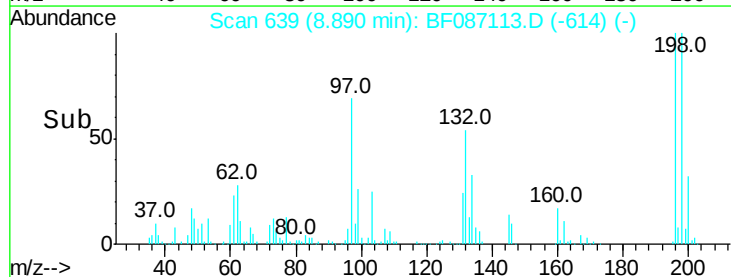
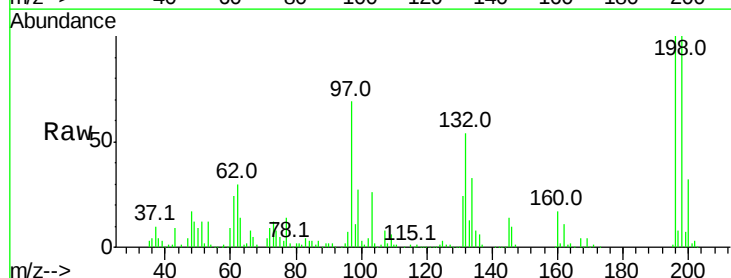
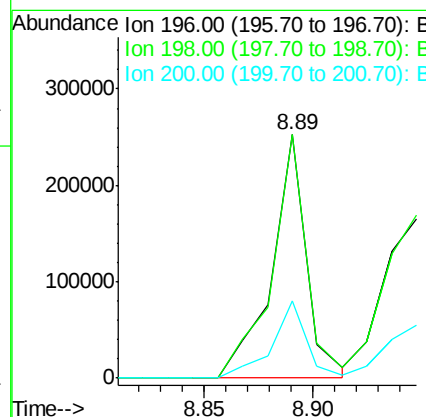
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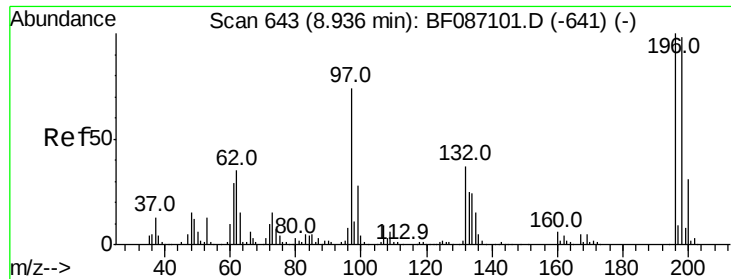
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#42
 2,4,6-Trichlorophenol
 Concen: 44.63 ng
 RT: 8.89 min Scan# 639
 Delta R.T. -0.01 min
 Lab File: BF087113.D
 Acq: 17 May 2016 20:30

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	99.8	74.7	112.1	
200	31.8	23.8	35.6	





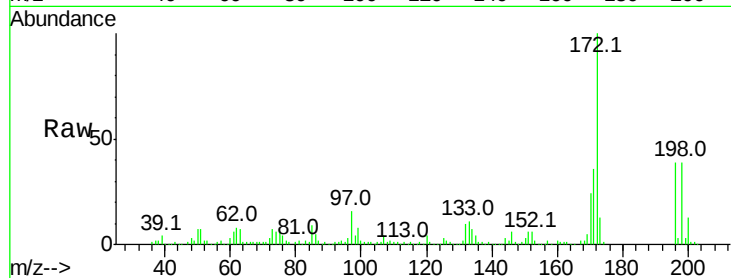
#43
 2,4,5-Trichlorophenol
 Concen: 38.10 ng
 RT: 8.95 min Scan# 644
 Delta R.T. 0.00 min
 Lab File: BF087113.D
 Acq: 17 May 2016 20:30

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-43-050616MSD

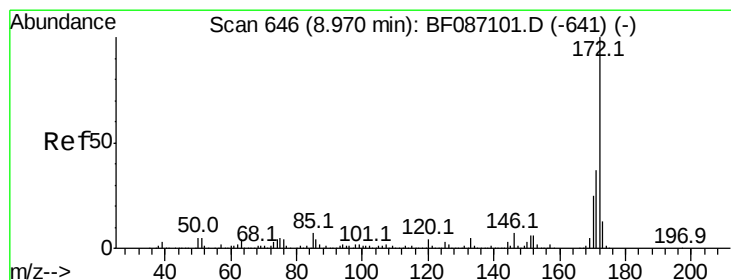
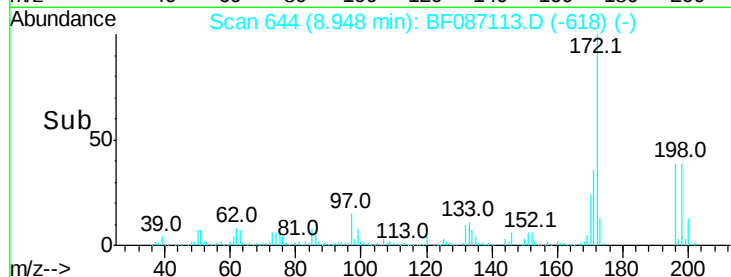
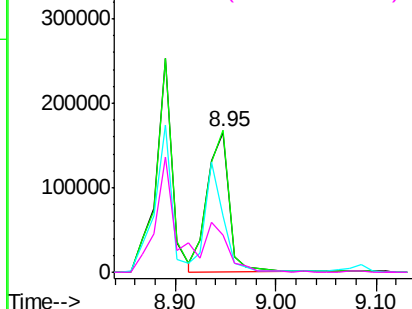
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Tot Ion:	196	Resp:	251706
Ion Ratio	Lower	Upper	
196	100		
198	102.2	77.5	116.3
97	40.3	34.8	52.2
132	26.2	23.0	34.4

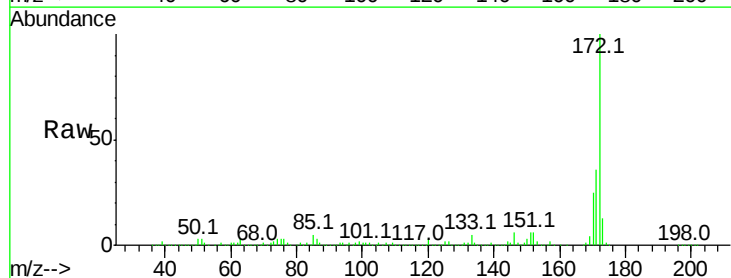


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

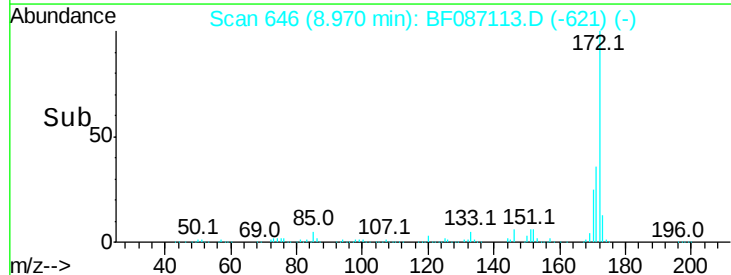
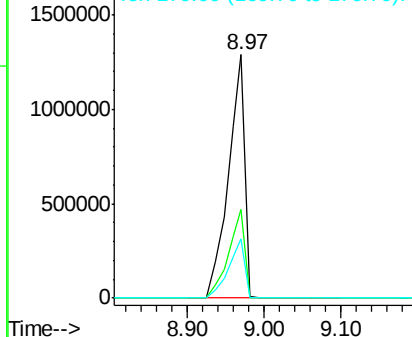


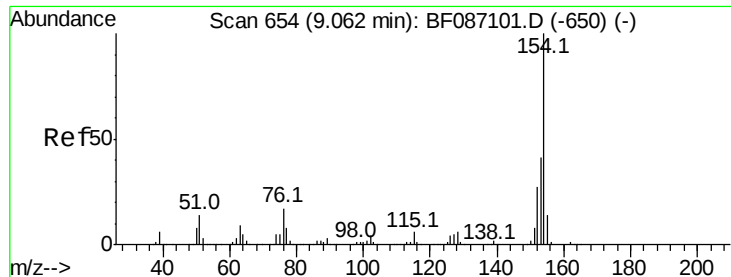
#44
 2-Fluorobiphenyl
 Concen: 96.11 ng
 RT: 8.97 min Scan# 646
 Delta R.T. -0.01 min
 Lab File: BF087113.D
 Acq: 17 May 2016 20:30

Tgt Ion:	172	Resp:	1948305
Ion Ratio	Lower	Upper	
172	100		
171	36.3	29.0	43.6
170	24.6	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: 40.17 ng

RT: 9.06 min Scan# 654

Delta R.T. -0.01 min

Lab File: BF087113.D

Acq: 17 May 2016 20:30

Instrument :

BNA_F

ClientSampleId :

HSR-WC-43-050616MSD

Tot Ion:154 Resp: 1118307

Ion Ratio Lower Upper

154 100

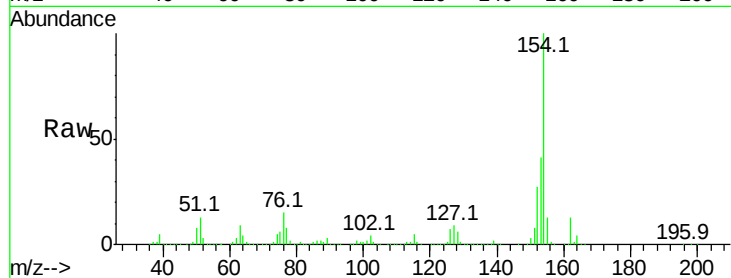
153 41.1 20.3 60.3

76 15.5 0.0 30.2

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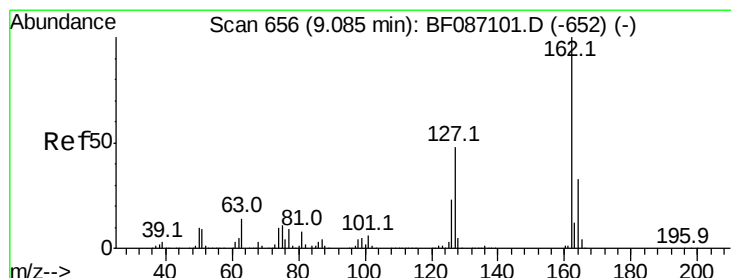
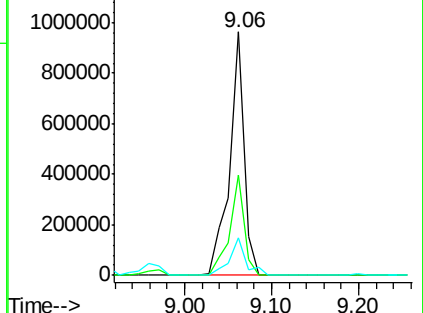
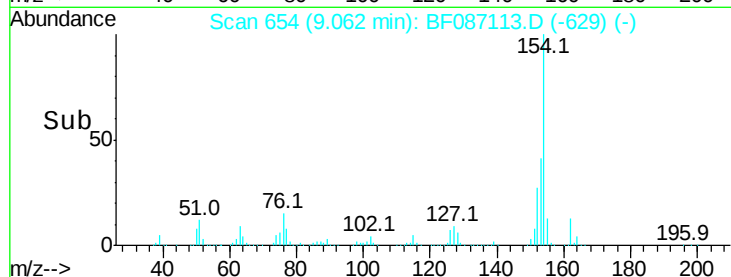
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BFO



#46

2-Chloronaphthalene

Concen: 40.68 ng

RT: 9.08 min Scan# 656

Delta R.T. -0.01 min

Lab File: BF087113.D

Acq: 17 May 2016 20:30

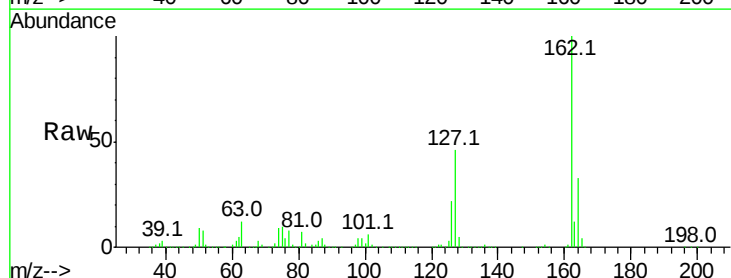
Tgt Ion:162 Resp: 869262

Ion Ratio Lower Upper

162 100

127 45.6 31.8 47.6

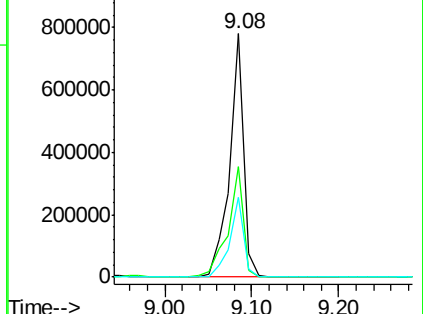
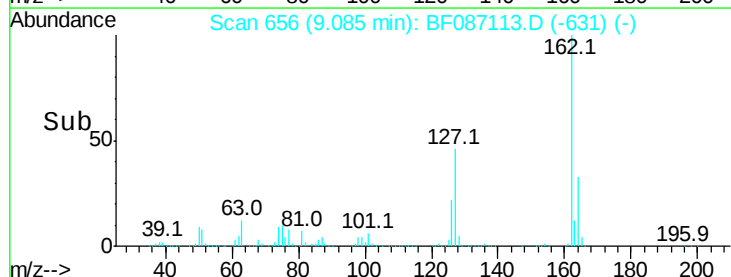
164 32.8 27.0 40.6

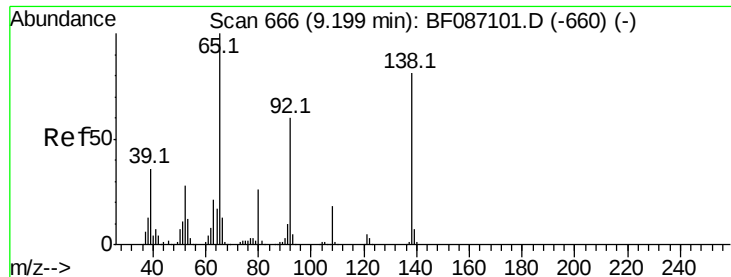


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





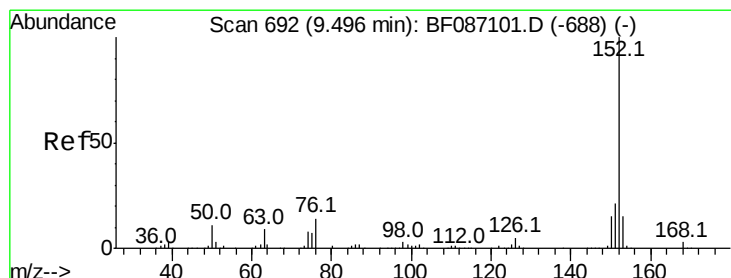
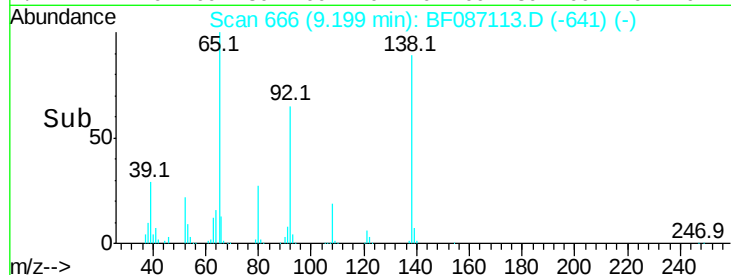
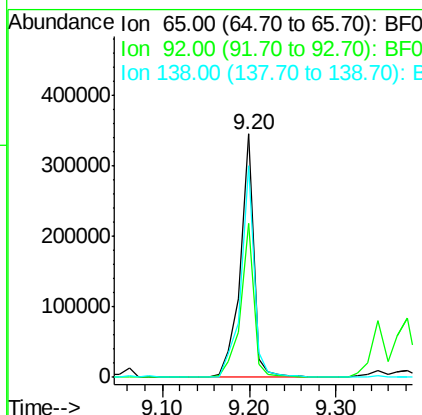
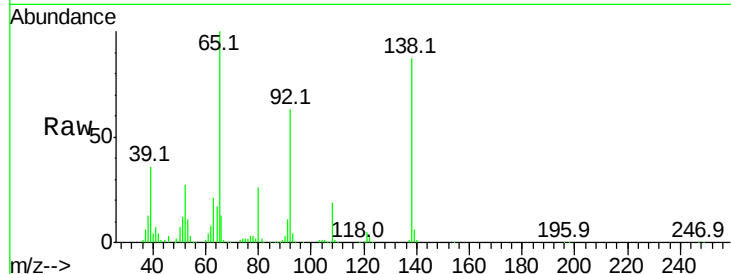
#47
2-Nitroaniline
Concen: 45.58 ng
RT: 9.20 min Scan# 666
Delta R.T. -0.01 min
Lab File: BF087113.D
Acq: 17 May 2016 20:30

Instrument :
BNA_F
ClientSampleId :
HSR-WC-43-050616MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	63.1	57.4	86.2
138	87.0	90.1	135.1#

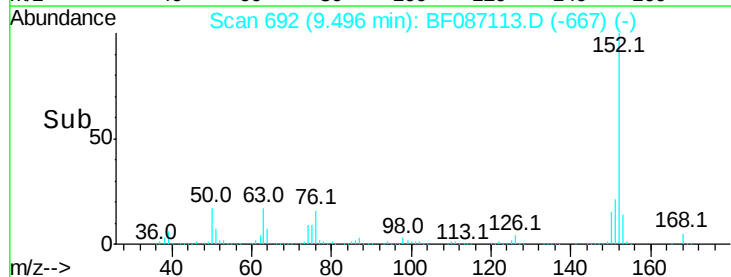
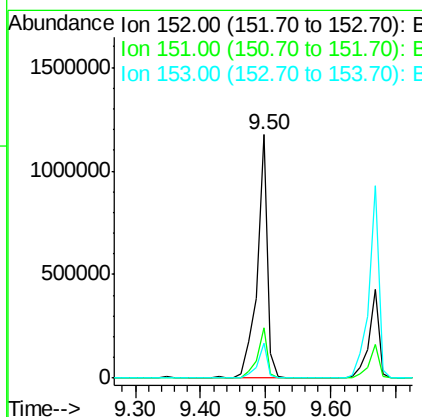
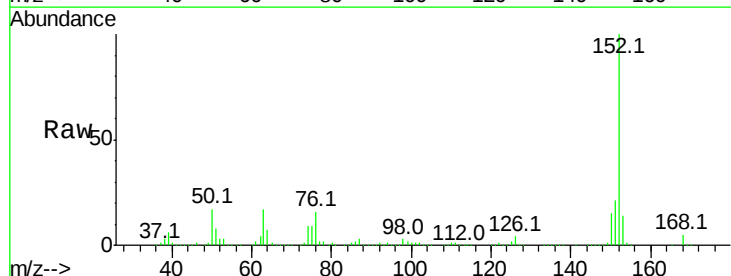
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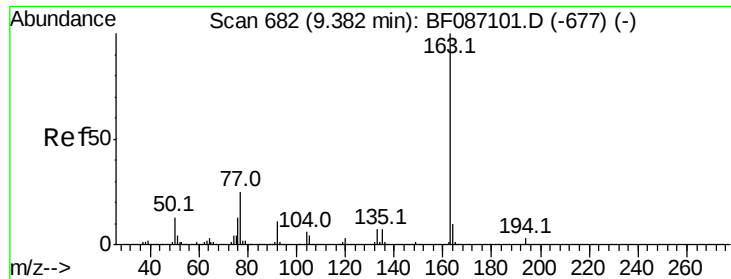
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#48
Acenaphthylene
Concen: 39.89 ng
RT: 9.50 min Scan# 692
Delta R.T. -0.01 min
Lab File: BF087113.D
Acq: 17 May 2016 20:30

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.8	25.2
153	14.4	10.9	16.3





#49

Dimethylphthalate

Concen: 43.43 ng

RT: 9.38 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF087113.D

Acq: 17 May 2016 20:30

Instrument :

BNA_F

ClientSampleId :

HSR-WC-43-050616MSD

Tot Ion:163 Resp: 1112307

Ion Ratio Lower Upper

163 100

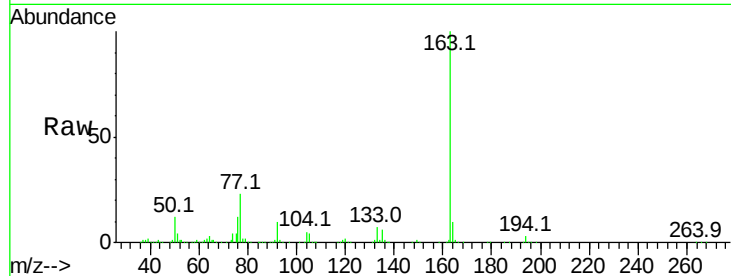
194 3.3 2.6 4.0

164 10.1 8.2 12.4

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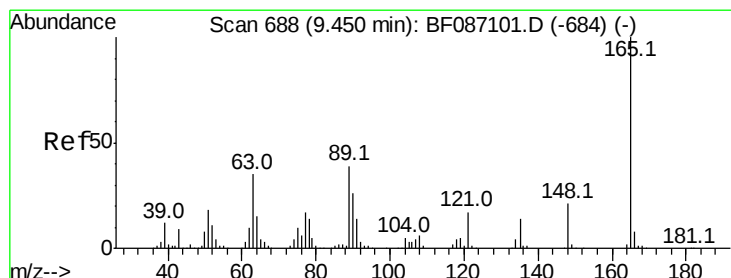
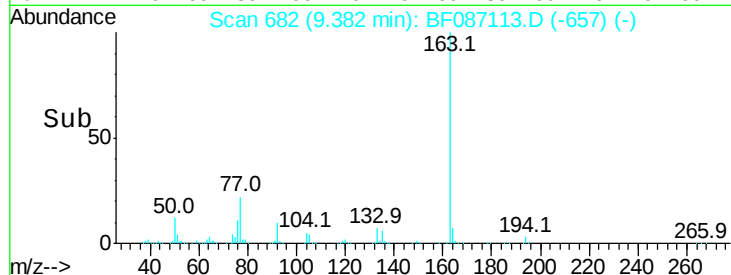
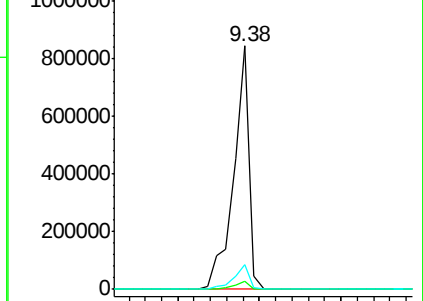
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Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 40.01 ng

RT: 9.44 min Scan# 687

Delta R.T. -0.02 min

Lab File: BF087113.D

Acq: 17 May 2016 20:30

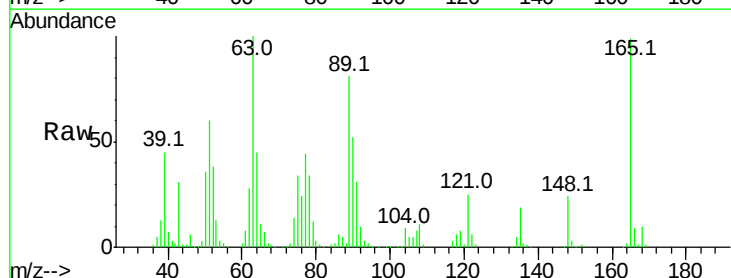
Tgt Ion:165 Resp: 222492

Ion Ratio Lower Upper

165 100

63 100.8 51.8 77.8#

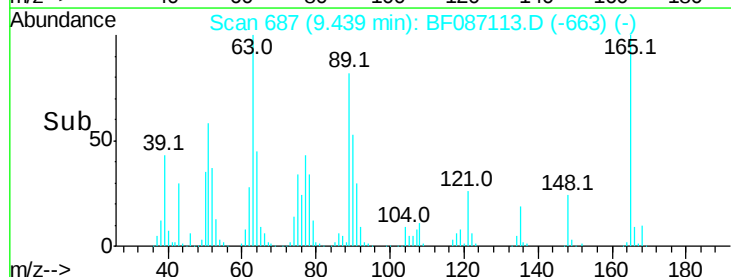
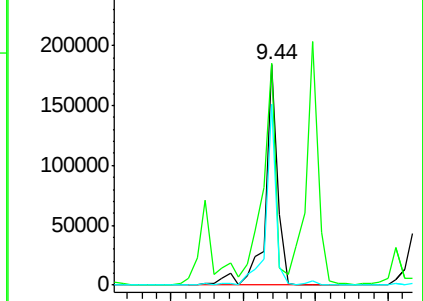
89 82.1 50.7 76.1#

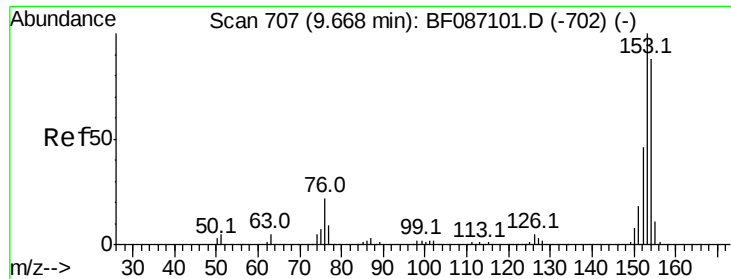


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





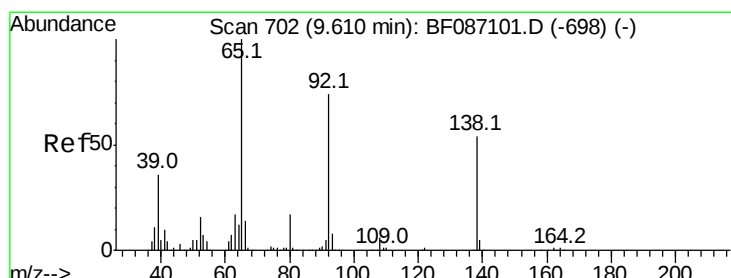
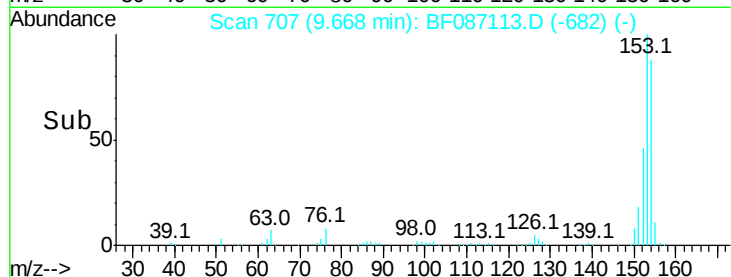
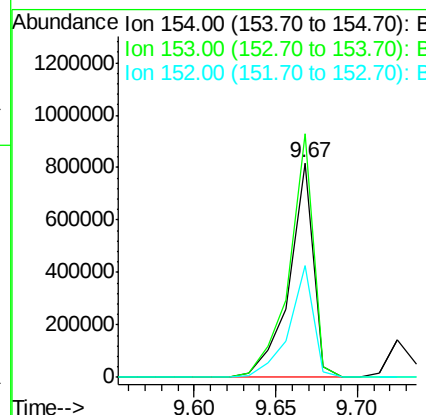
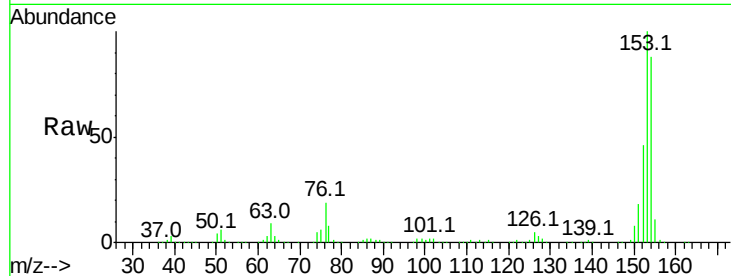
#51
Acenaphthene
Concen: 41.71 ng
RT: 9.67 min Scan# 707
Delta R.T. -0.01 min
Lab File: BF087113.D
Acq: 17 May 2016 20:30

Instrument :
BNA_F
ClientSampleId :
HSR-WC-43-050616MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	113.4	89.8	134.6
152	52.2	43.4	65.0

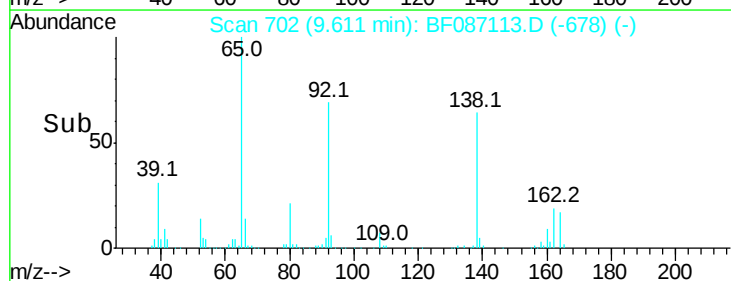
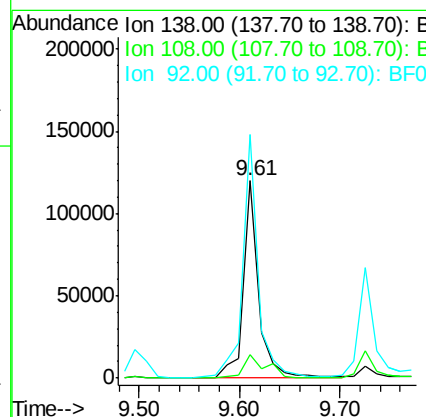
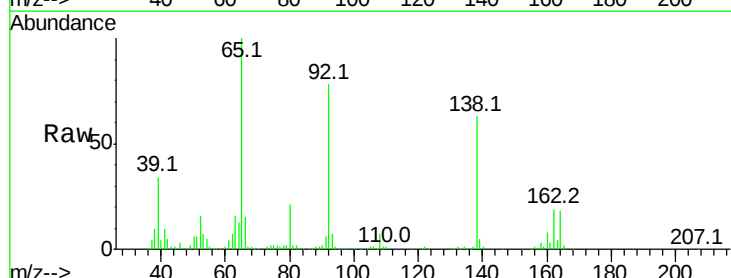
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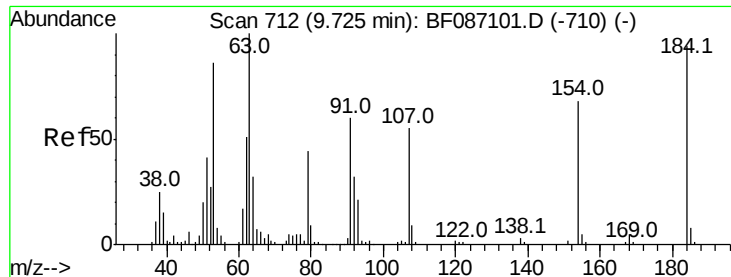
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#52
3-Nitroaniline
Concen: 21.33 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.02 min
Lab File: BF087113.D
Acq: 17 May 2016 20:30

Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.6	7.8	11.6
92	123.3	87.8	131.8





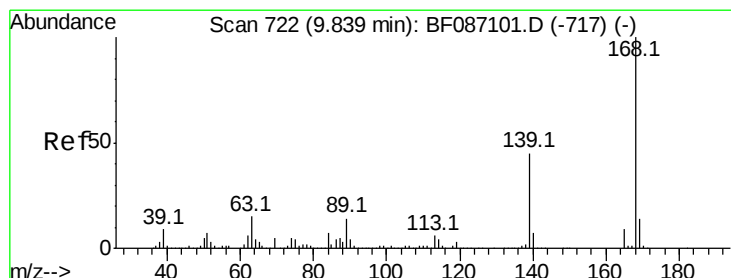
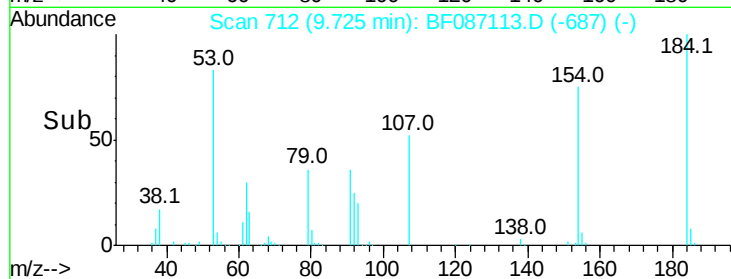
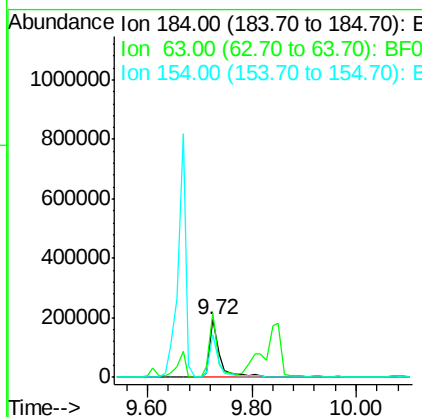
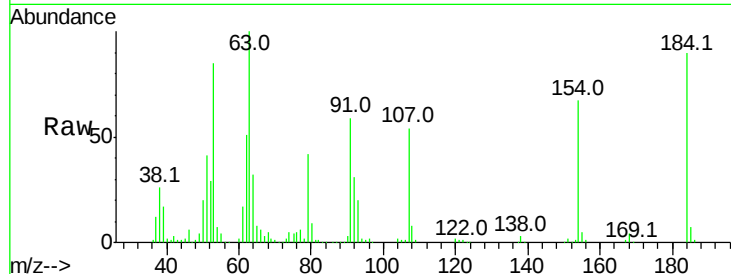
#53
2,4-Dinitrophenol
Concen: 82.03 ng
RT: 9.72 min Scan# 712
Delta R.T. -0.01 min
Lab File: BF087113.D
Acq: 17 May 2016 20:30

Instrument :
BNA_F
ClientSampleId :
HSR-WC-43-050616MSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100	261769		
63	111.7	55.8	83.8#	
154	74.5	62.4	93.6	

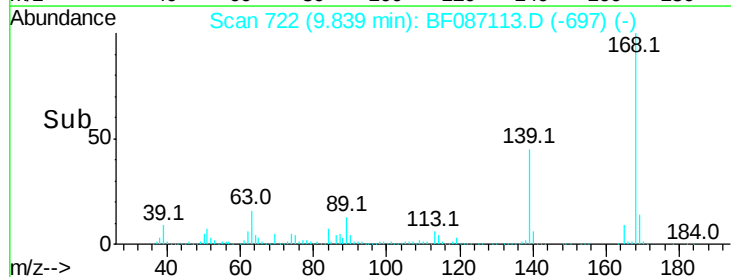
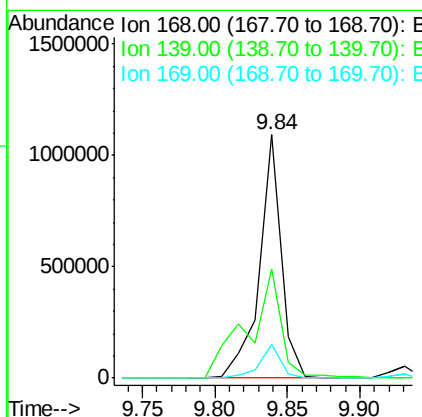
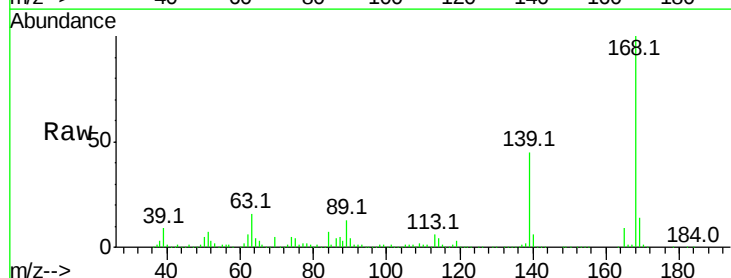
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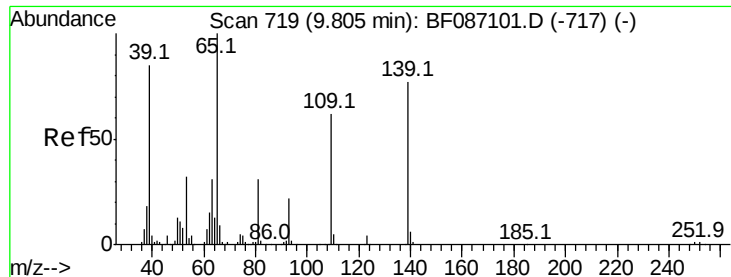
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#54
Dibenzofuran
Concen: 43.29 ng
RT: 9.84 min Scan# 722
Delta R.T. -0.01 min
Lab File: BF087113.D
Acq: 17 May 2016 20:30

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1141302		
139	45.1	31.4	47.0	
169	13.7	10.7	16.1	





#55

4-Nitrophenol

Concen: 81.89 ng/mL

RT: 9.82 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF087113.D

Acq: 17 May 2016 20:30

Instrument :

BNA_F

ClientSampleId :

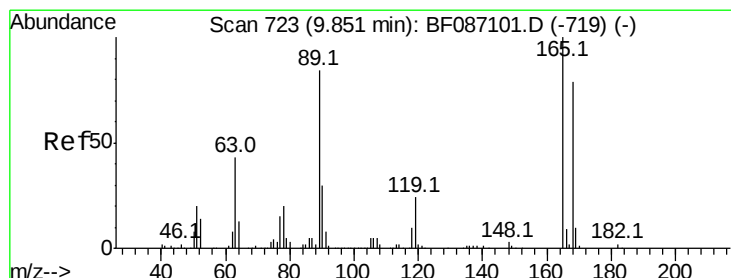
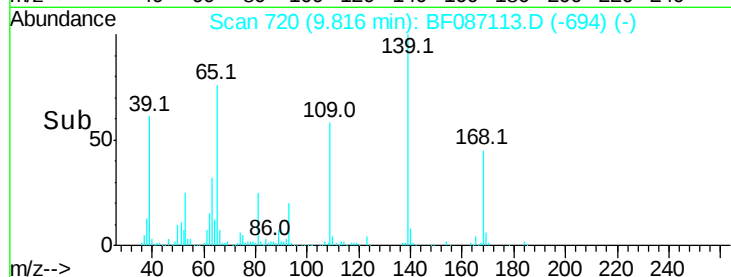
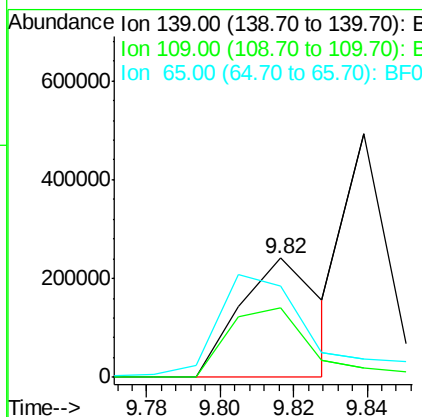
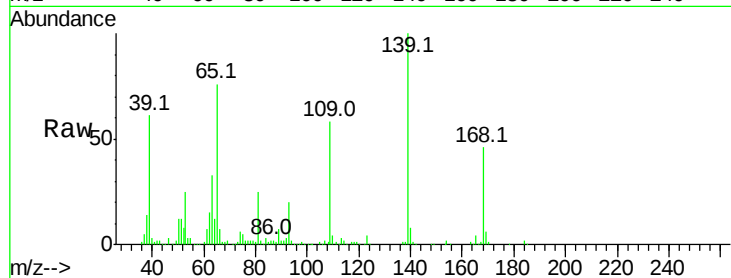
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Tot Ion:139	Resp:	370857
Ion Ratio	Lower	Upper
139	100	
109	57.9	36.9 76.9
65	76.1	64.0 104.0



#56

2,4-Dinitrotoluene

Concen: 46.85 ng/mL

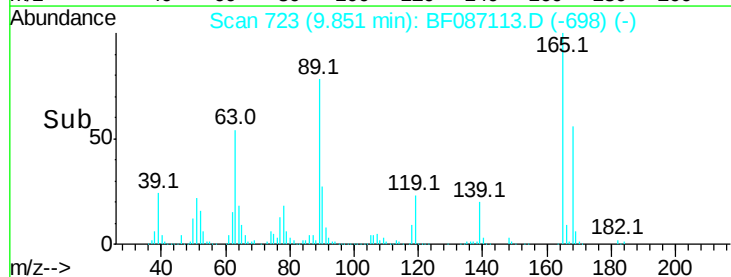
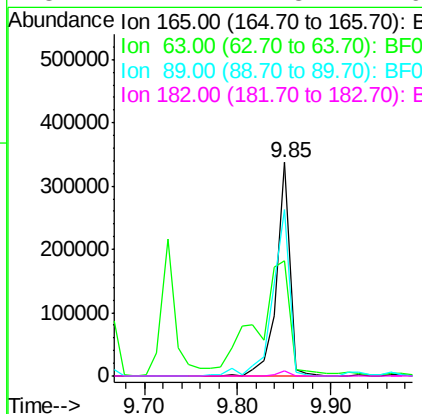
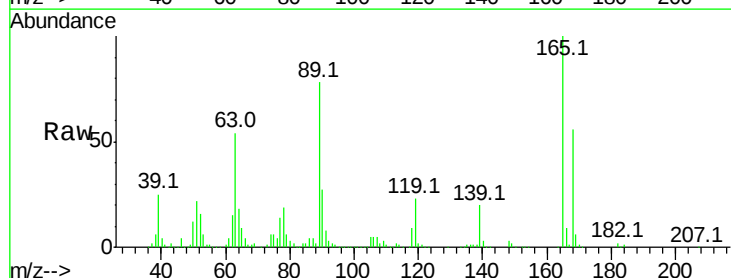
RT: 9.85 min Scan# 723

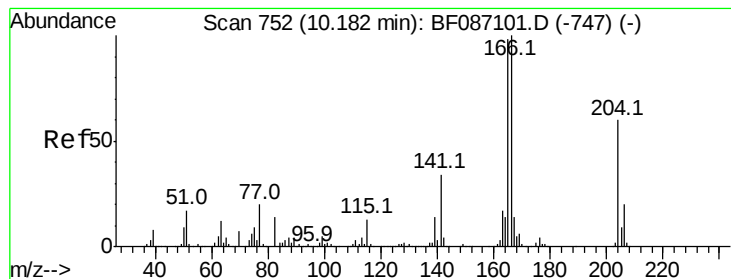
Delta R.T. -0.01 min

Lab File: BF087113.D

Acq: 17 May 2016 20:30

Tgt Ion:165	Resp:	333639
Ion Ratio	Lower	Upper
165	100	
63	54.0	44.3 66.5
89	78.0	70.0 105.0
182	2.2	1.8 2.6





#57

Fluorene

Concen: 41.78 ng

RT: 10.18 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF087113.D

Acq: 17 May 2016 20:30

Instrument :

BNA_F

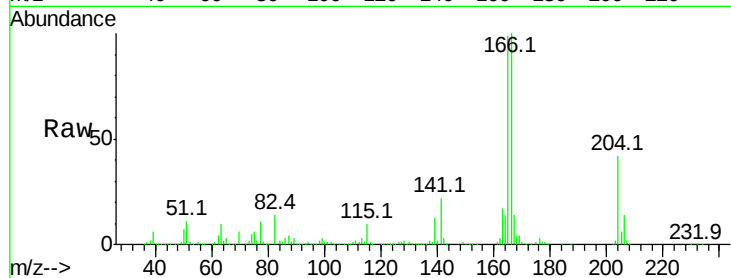
ClientSampleId :

HSR-WC-43-050616MSD

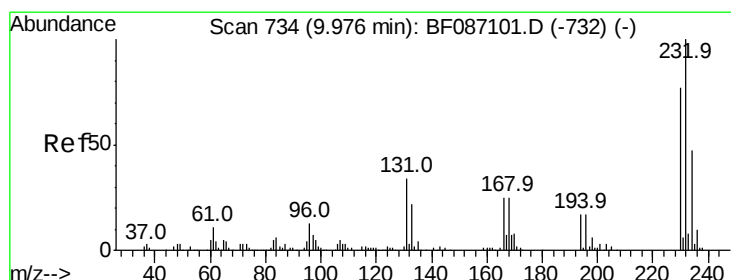
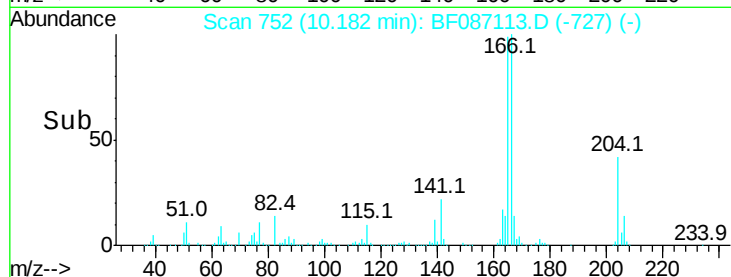
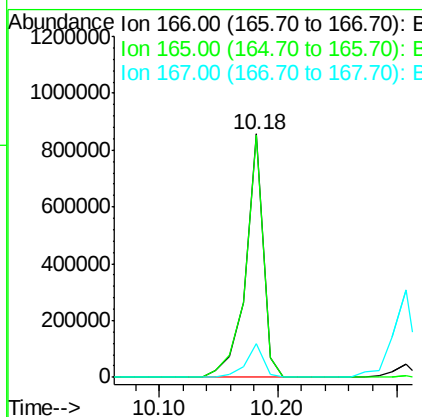
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Tot Ion	166	165	167
Resp:	884926		
Ion Ratio	Lower	Upper	
166	100		
165	99.5	79.0	118.6
167	13.6	10.6	15.8



#58

2,3,4,6-Tetrachlorophenol

Concen: 46.28 ng

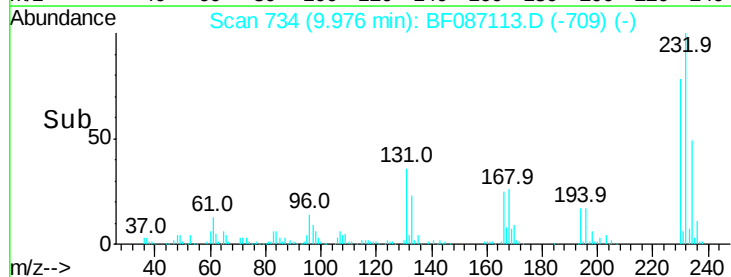
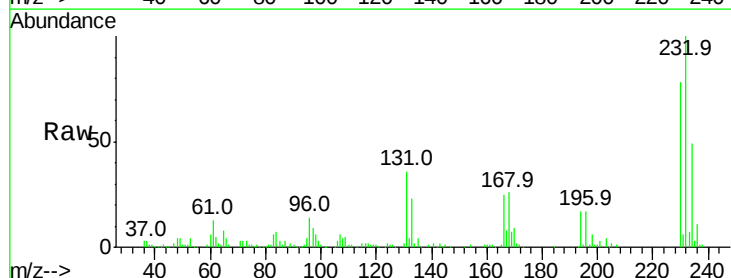
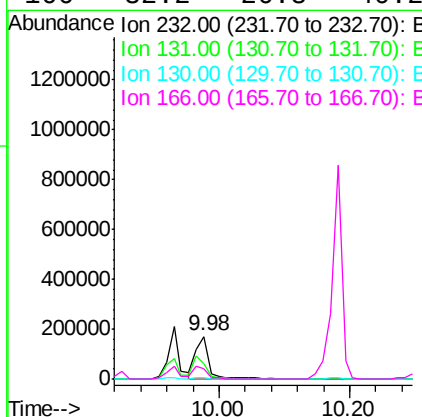
RT: 9.98 min Scan# 734

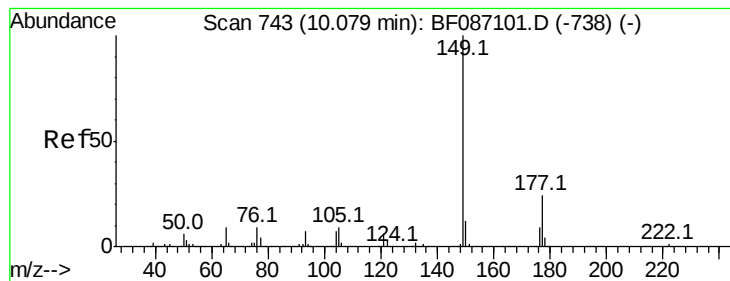
Delta R.T. -0.01 min

Lab File: BF087113.D

Acq: 17 May 2016 20:30

Tgt Ion	232	231	130	166
Resp:	238105			
Ion Ratio	Lower	Upper		
232	100			
131	49.3	41.9	62.9	
130	2.4	2.2	3.4	
166	32.2	26.8	40.2	





#59

Diethylphthalate

Concen: 46.98 ng

RT: 10.08 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF087113.D

Acq: 17 May 2016 20:30

Instrument :

BNA_F

ClientSampleId :

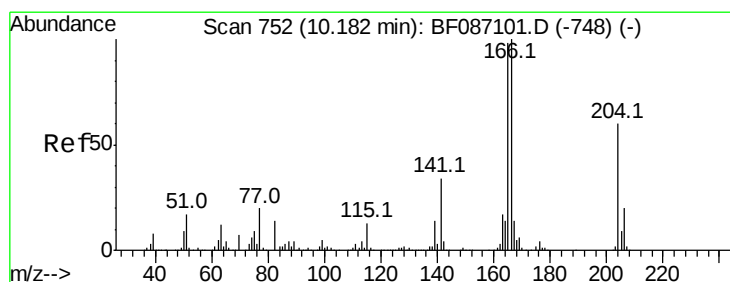
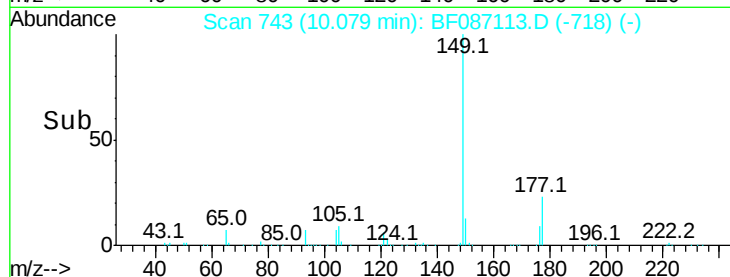
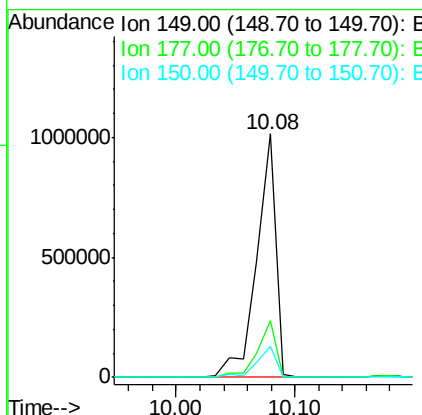
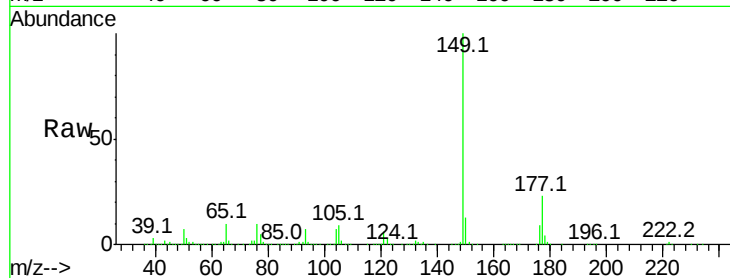
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Tot Ion:	149	Resp:	1148675
Ion	Ratio	Lower	Upper
149	100		
177	23.1	16.6	24.8
150	12.7	10.0	15.0



#60

4-Chlorophenyl-phenylether

Concen: 43.66 ng

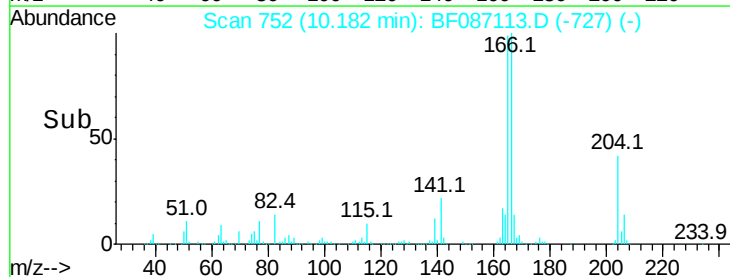
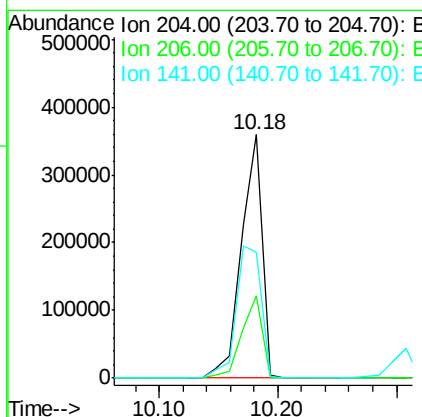
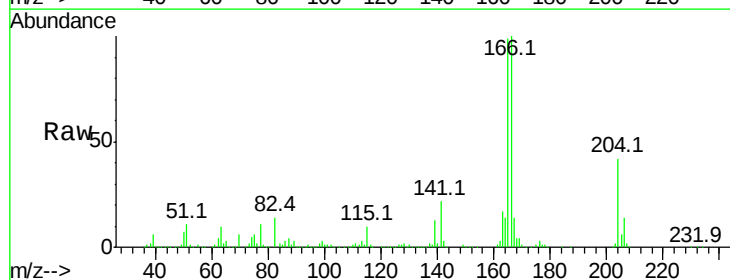
RT: 10.18 min Scan# 752

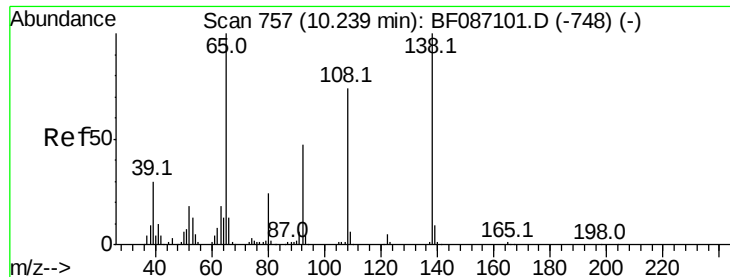
Delta R.T. -0.01 min

Lab File: BF087113.D

Acq: 17 May 2016 20:30

Tgt Ion:	204	Resp:	438341
Ion	Ratio	Lower	Upper
204	100		
206	33.8	25.4	38.0
141	51.6	61.6	92.4#





#61

4-Nitroaniline

Concen: 39.13 ng

RT: 10.23 min Scan# 756

Delta R.T. -0.02 min

Lab File: BF087113.D

Acq: 17 May 2016 20:30

Instrument :

BNA_F

ClientSampleId :

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Tot Ion:138 Resp: 232588

Ion Ratio Lower Upper

138 100

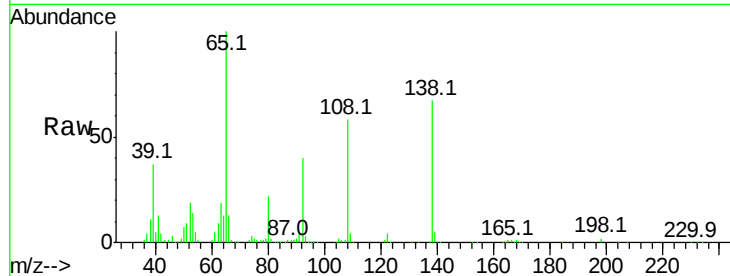
92 59.7 24.7 64.7

108 86.1 37.4 77.4#

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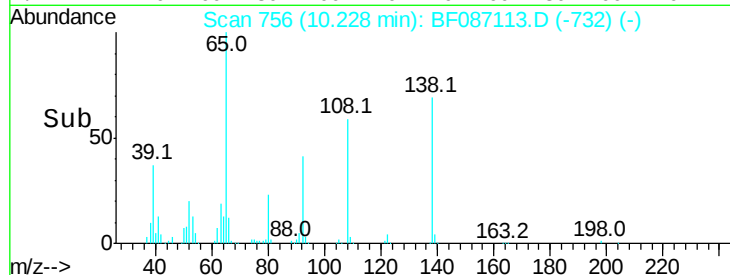


Abundance Ion 138.00 (137.70 to 138.70): E

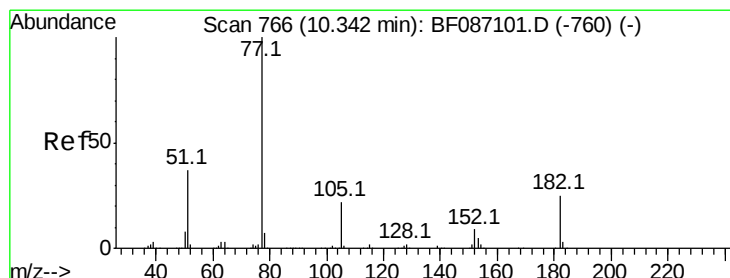
Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E

Time-->



Time-->



#62

Azobenzene

Concen: 45.73 ng

RT: 10.34 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF087113.D

Acq: 17 May 2016 20:30

Tgt Ion: 77 Resp: 1288393

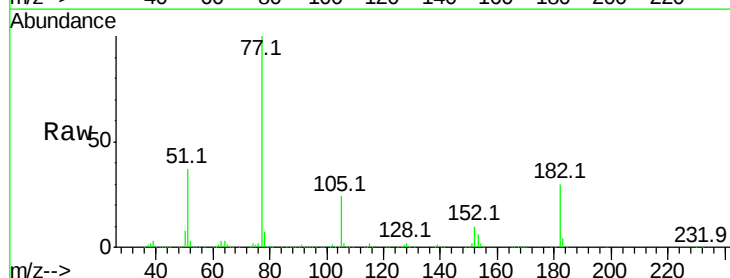
Ion Ratio Lower Upper

77 100

182 29.7 0.0 38.8

105 23.7 3.2 43.2

51 36.5 8.8 48.8



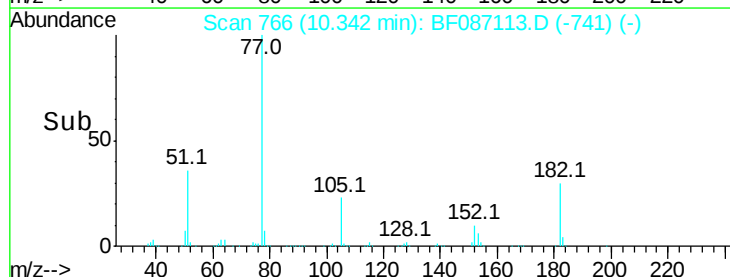
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

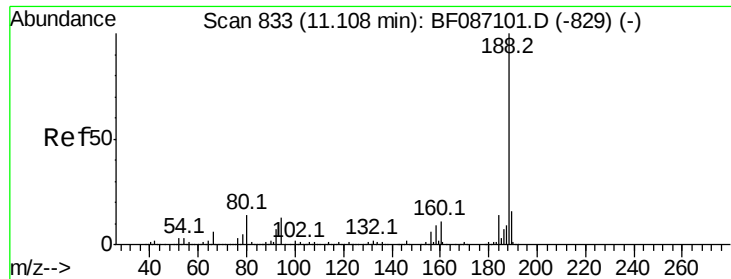
Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

Time-->



Time-->



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.11 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF087113.D

Acq: 17 May 2016 20:30

Instrument :

BNA_F

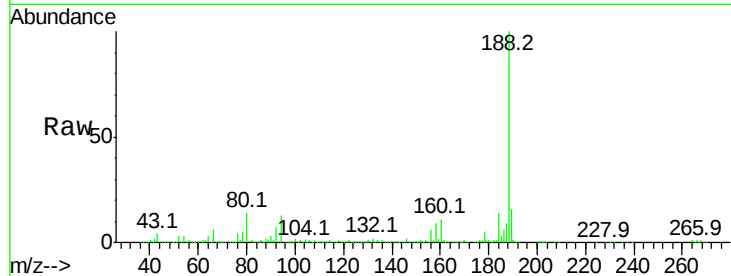
ClientSampleId :

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Tot Ion:188	Resp: 605286
Ion Ratio	Lower Upper
188 100	
94 12.7	6.8 10.2#
80 14.4	7.1 10.7#

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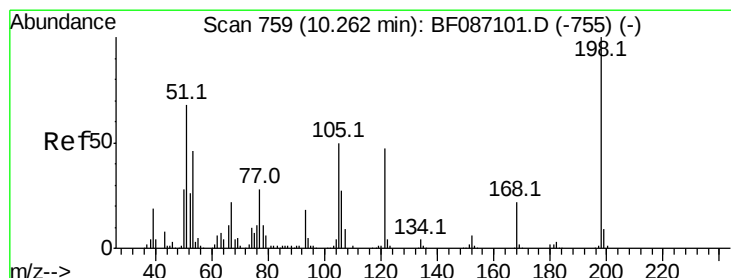
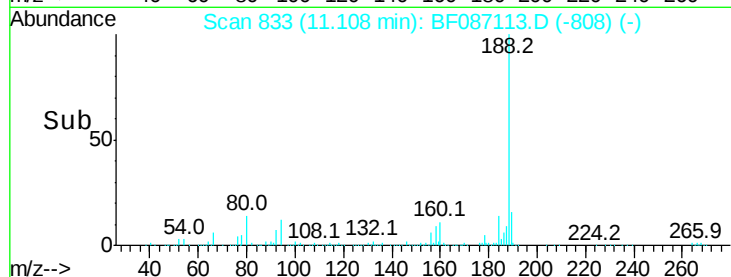
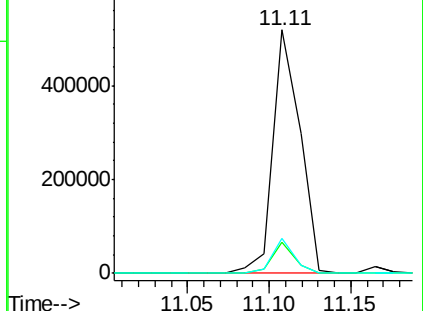
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 46.21 ng

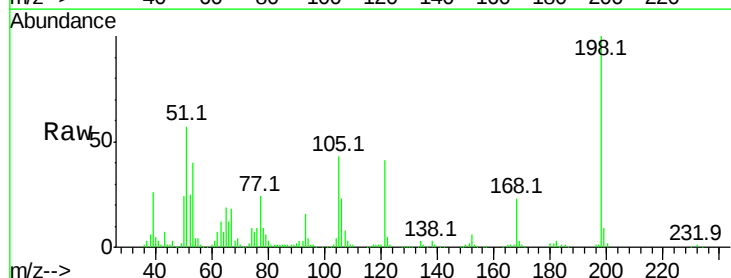
RT: 10.26 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF087113.D

Acq: 17 May 2016 20:30

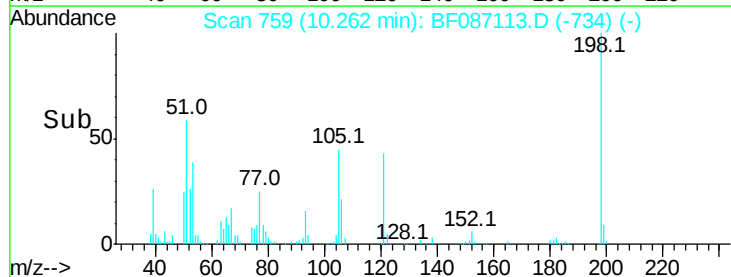
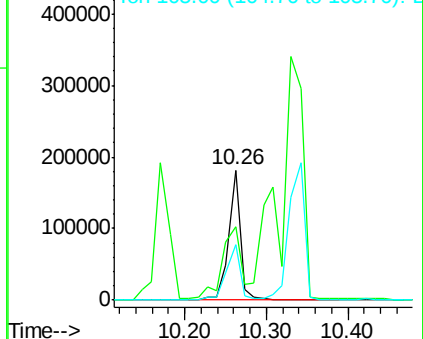
Tgt Ion:198	Resp: 184222
Ion Ratio	Lower Upper
198 100	
51 56.6	20.5 60.5
105 42.6	24.5 64.5

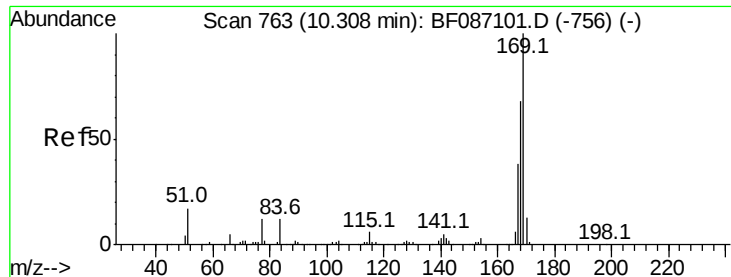


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 48.91 ng

RT: 10.31 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF087113.D

Acq: 17 May 2016 20:30

Instrument :

BNA_F

ClientSampleId :

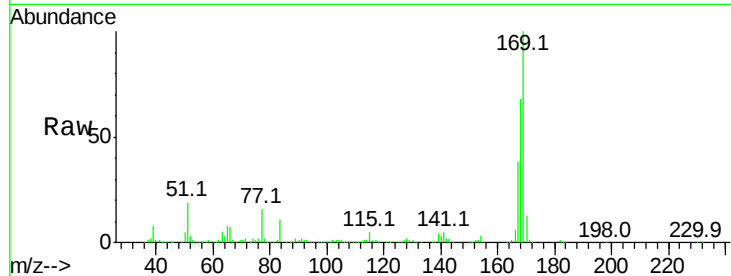
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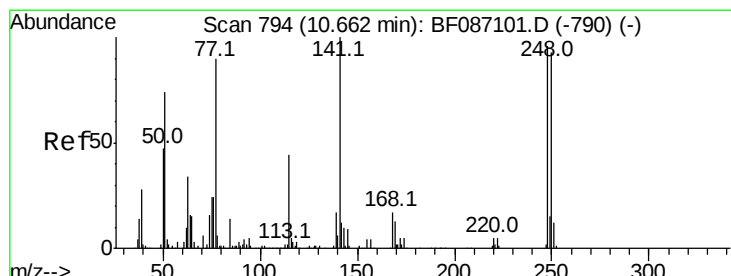
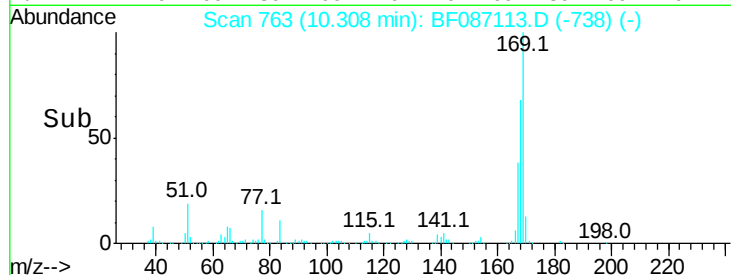
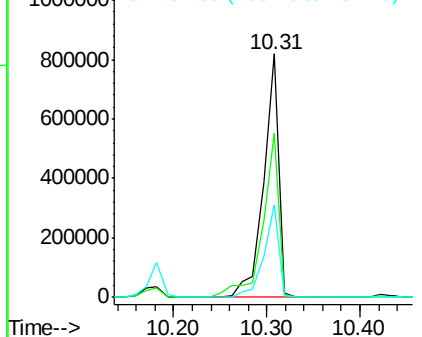
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Tot Ion:	169	Resp:	931652
Ion Ratio	Lower	Upper	
169	100		
168	67.7	53.8	80.6
167	37.8	29.5	44.3



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



#66

4-Bromophenyl-phenylether

Concen: 42.68 ng

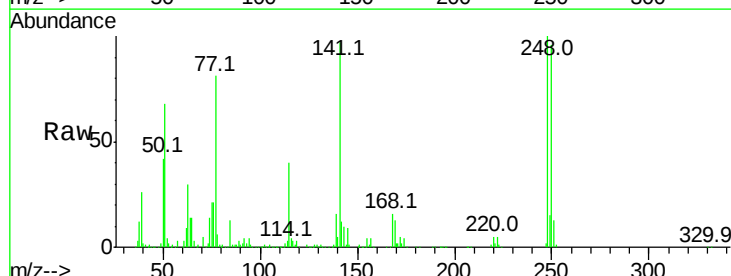
RT: 10.66 min Scan# 794

Delta R.T. -0.01 min

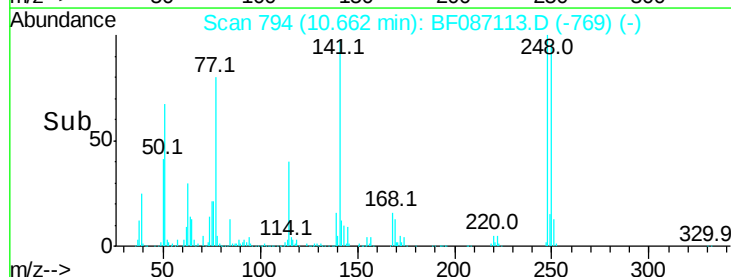
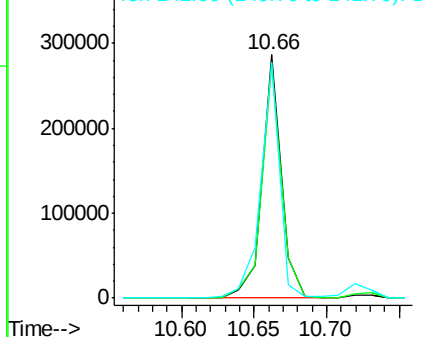
Lab File: BF087113.D

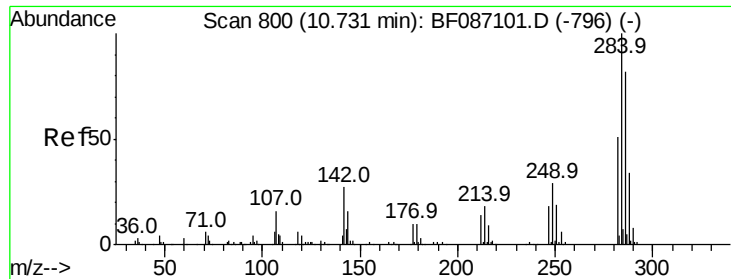
Acq: 17 May 2016 20:30

Tgt Ion:	248	Resp:	265678
Ion Ratio	Lower	Upper	
248	100		
250	95.7	78.6	117.8
141	97.1	76.0	114.0



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





#67

Hexachlorobenzene

Concen: 46.72 ng

RT: 10.73 min Scan# 800

Delta R.T. -0.01 min

Lab File: BF087113.D

Acq: 17 May 2016 20:30

Instrument :

BNA_F

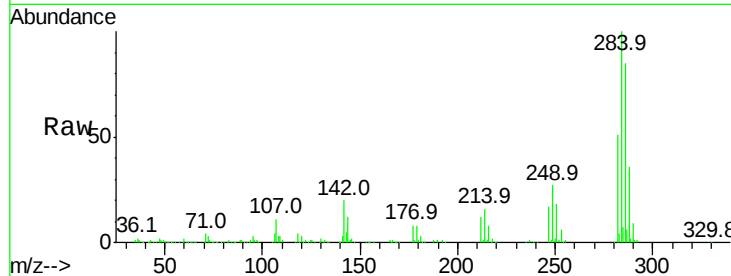
ClientSampleId :

HSR-WC-43-050616MSD

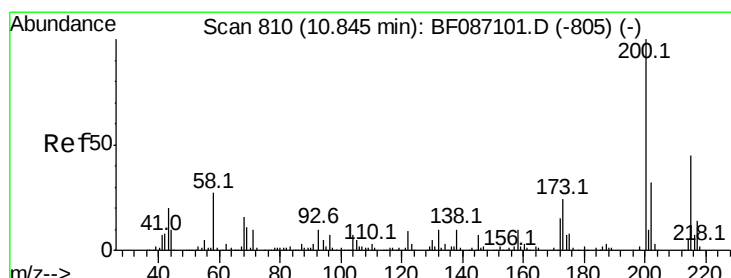
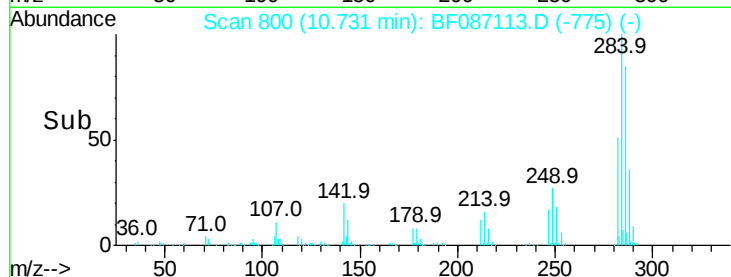
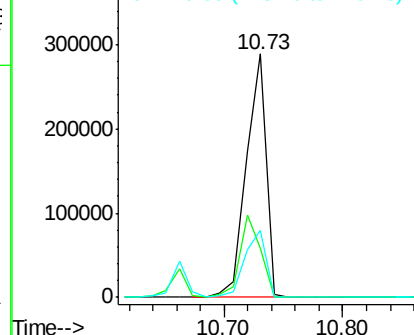
Tot Ion:	284	Resp:	337162
Ion Ratio	Lower	Upper	
284	100		
142	20.1	16.7	25.1
249	27.4	21.3	31.9

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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 47.63 ng

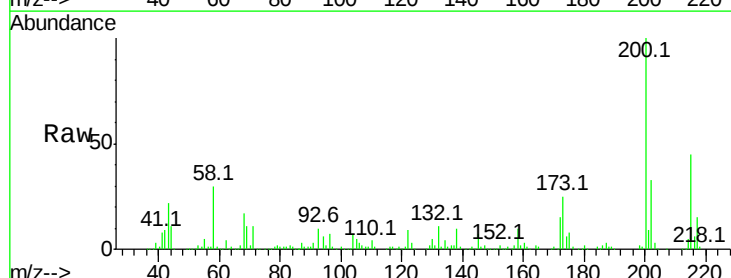
RT: 10.84 min Scan# 810

Delta R.T. -0.01 min

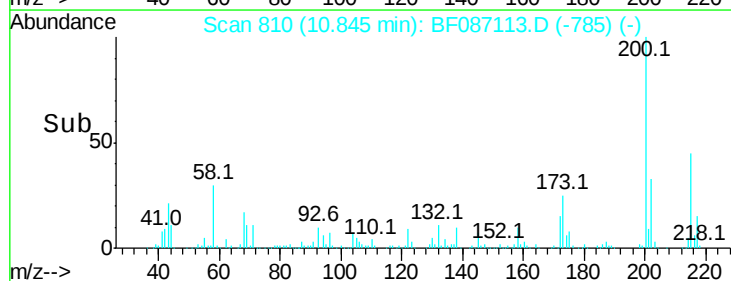
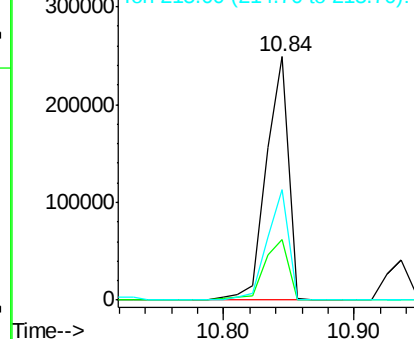
Lab File: BF087113.D

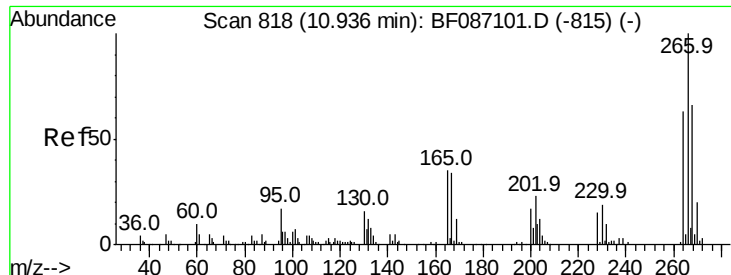
Acq: 17 May 2016 20:30

Tgt Ion:	200	Resp:	295940
Ion Ratio	Lower	Upper	
200	100		
173	24.8	8.5	48.5
215	45.3	27.2	67.2



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





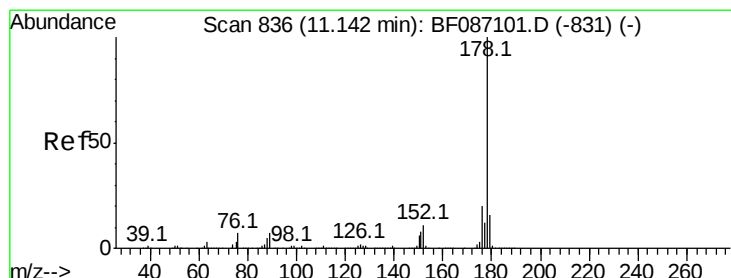
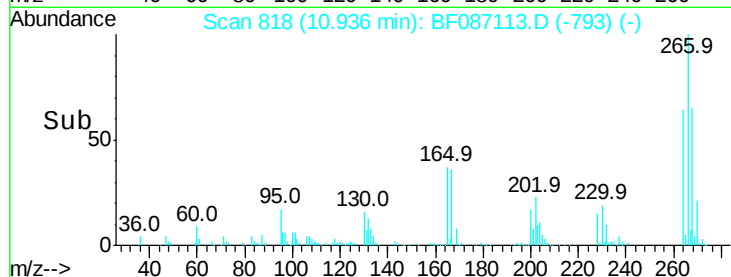
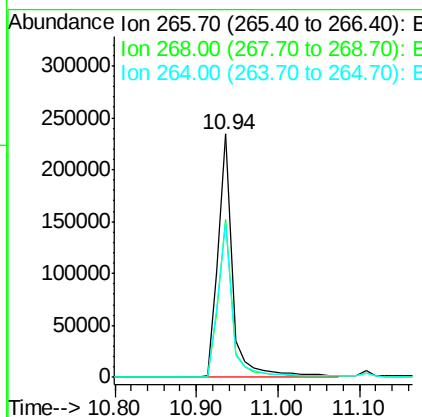
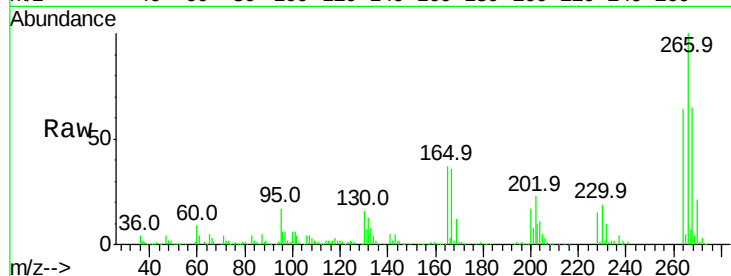
#69
 Pentachlorophenol
 Concen: 108.80 ng
 RT: 10.94 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BF087113.D
 Acq: 17 May 2016 20:30

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-43-050616MSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	294962		
268	65.0		51.5	77.3
264	63.9		52.9	79.3

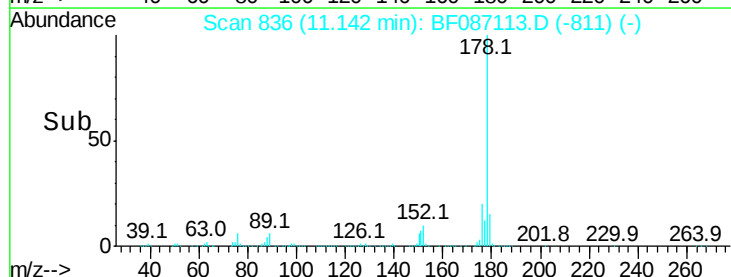
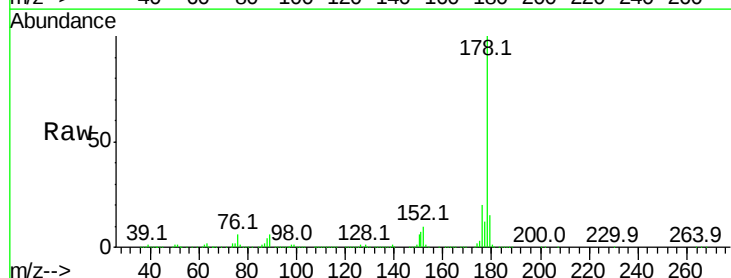
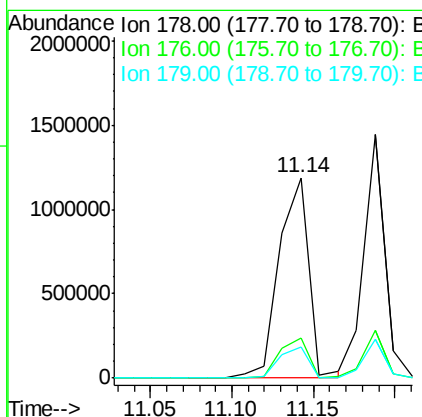
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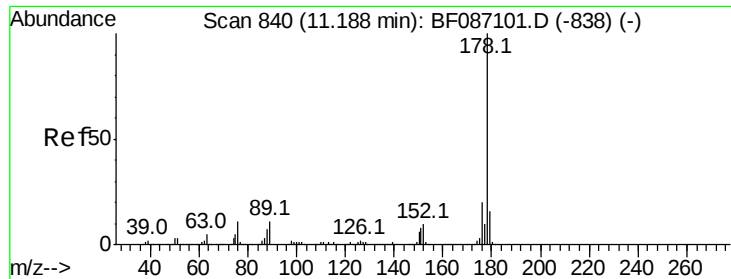
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#70
 Phenanthrene
 Concen: 46.19 ng
 RT: 11.14 min Scan# 836
 Delta R.T. -0.01 min
 Lab File: BF087113.D
 Acq: 17 May 2016 20:30

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1516343		
176	20.3		16.0	24.0
179	15.3		12.6	18.8





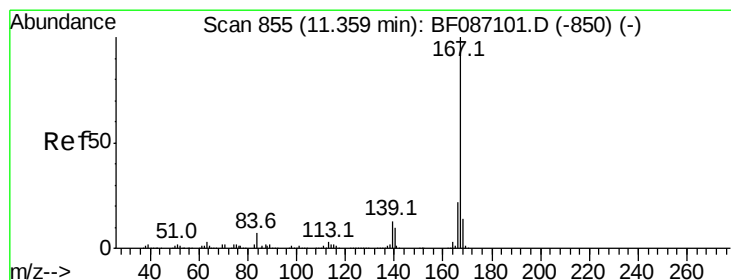
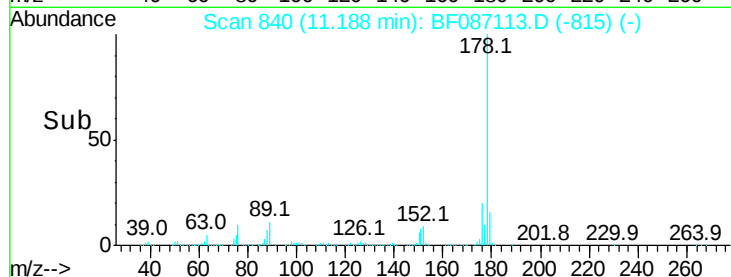
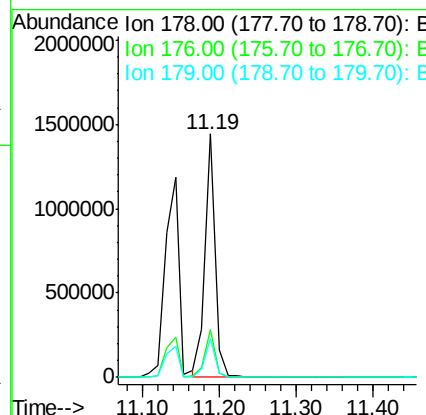
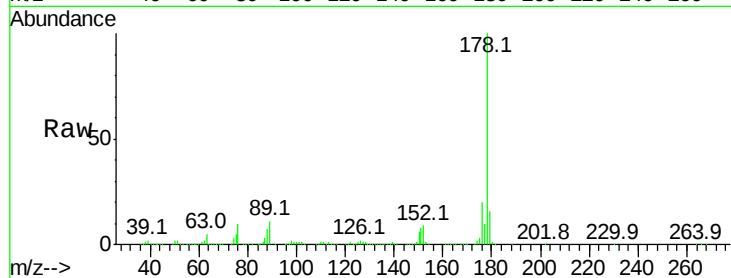
#71
 Anthracene
 Concen: 39.79 ng
 RT: 11.19 min Scan# 840
 Delta R.T. -0.01 min
 Lab File: BF087113.D
 Acq: 17 May 2016 20:30

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-43-050616MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.6	23.4
179	16.1	12.7	19.1

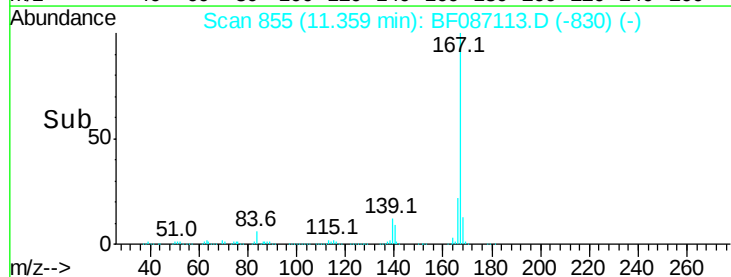
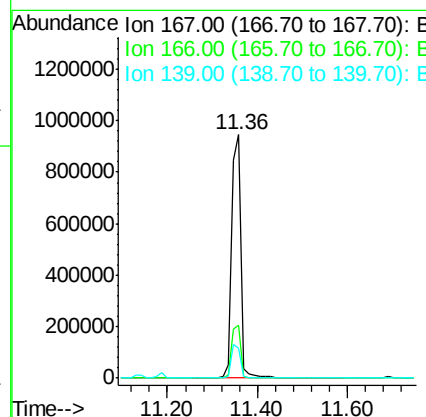
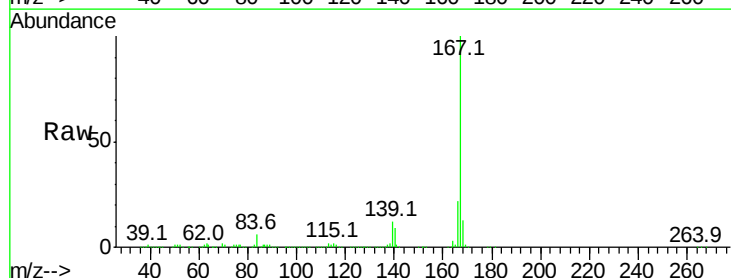
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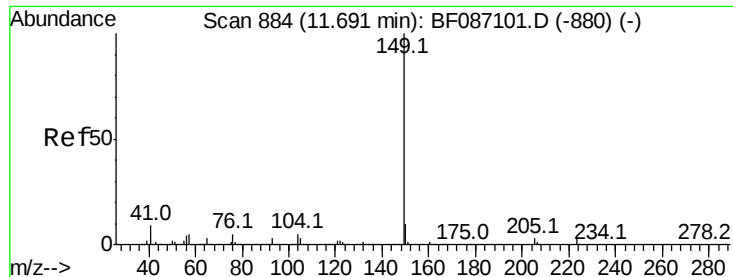
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#72
 Carbazole
 Concen: 44.06 ng
 RT: 11.36 min Scan# 855
 Delta R.T. -0.01 min
 Lab File: BF087113.D
 Acq: 17 May 2016 20:30

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.7	26.5
139	12.1	10.8	16.2





#73

Di-n-butylphthalate

Concen: 49.43 ng

RT: 11.69 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF087113.D

Acq: 17 May 2016 20:30

Instrument :

BNA_F

ClientSampleId :

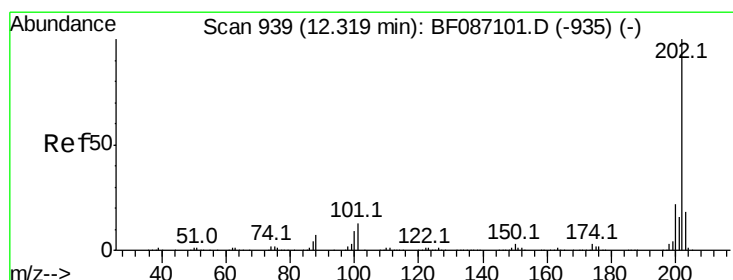
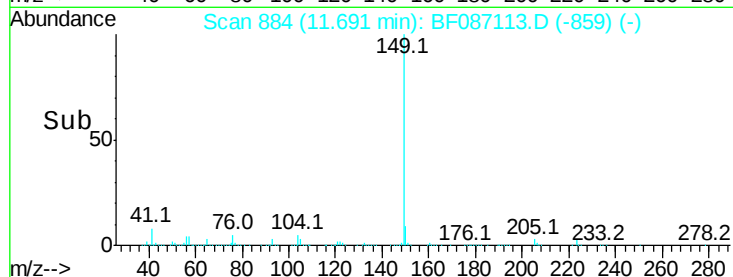
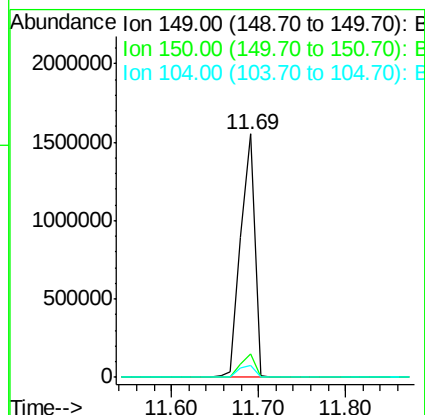
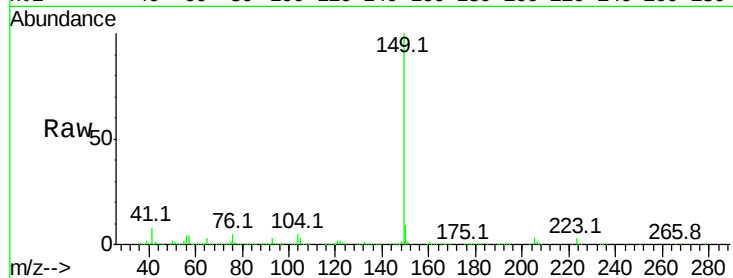
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Tot Ion	149	Resp	1721950
Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.6	11.4
104	5.1	3.8	5.6



#74

Fluoranthene

Concen: 45.18 ng

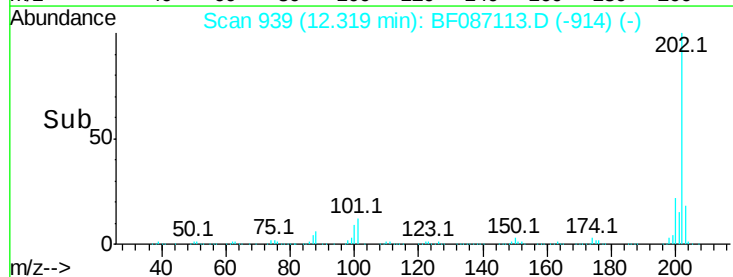
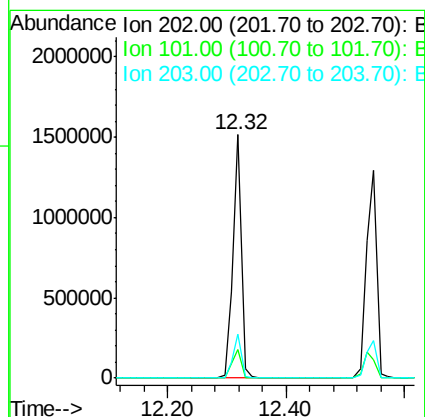
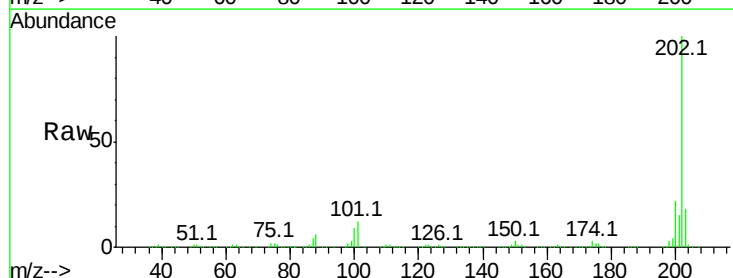
RT: 12.32 min Scan# 939

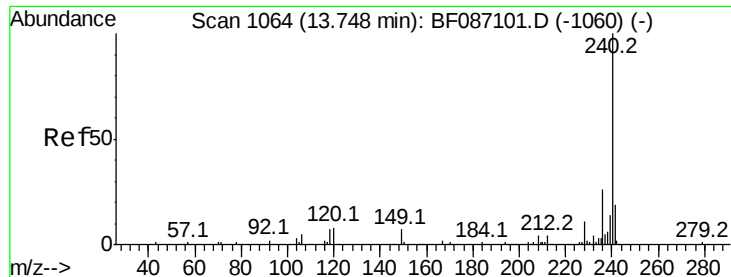
Delta R.T. -0.01 min

Lab File: BF087113.D

Acq: 17 May 2016 20:30

Tgt Ion	202	Resp	1486080
Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	35.4
203	18.3	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.74 min Scan# 1063

Delta R.T. -0.02 min

Lab File: BF087113.D

Acq: 17 May 2016 20:30

Instrument :

BNA_F

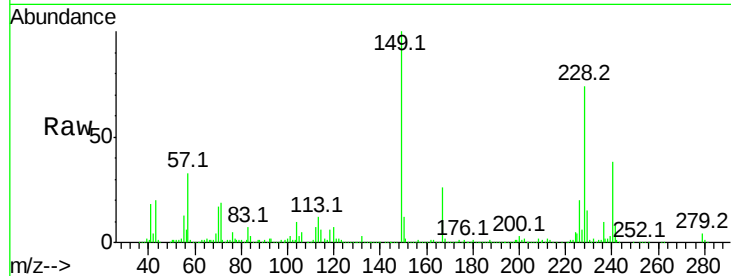
ClientSampleId :

HSR-WC-43-050616MSD

Tot Ion	Ratio	Resp	Lower	Upper
240	100	409214		
120	17.4	11.2	16.8	
236	26.0	21.2	31.8	

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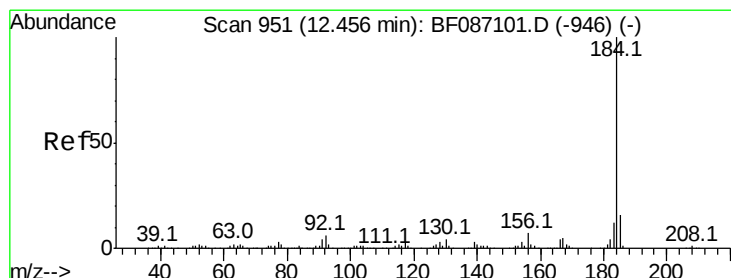
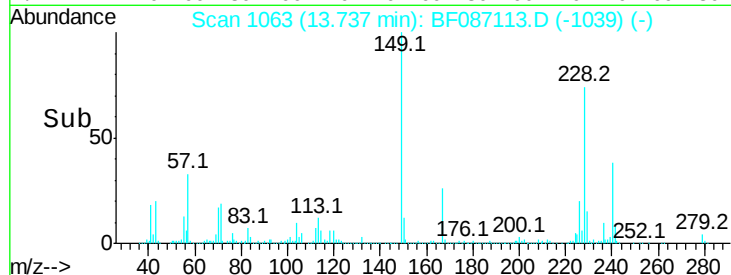


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

Time--> 13.60 13.80



#76

Benzidine

Concen: 3.36 ng

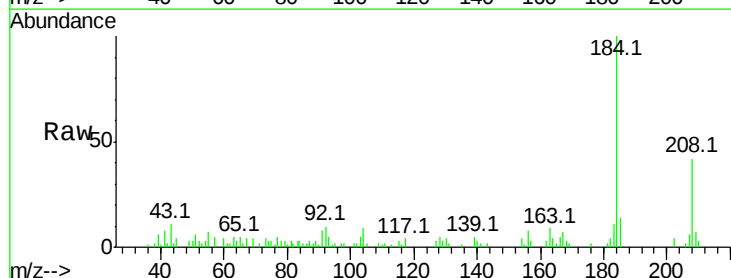
RT: 12.46 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF087113.D

Acq: 17 May 2016 20:30

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	37225		
185	14.0	13.6	20.4	
183	11.3	9.8	14.6	

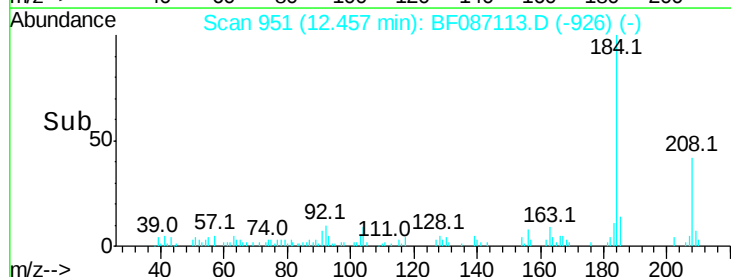


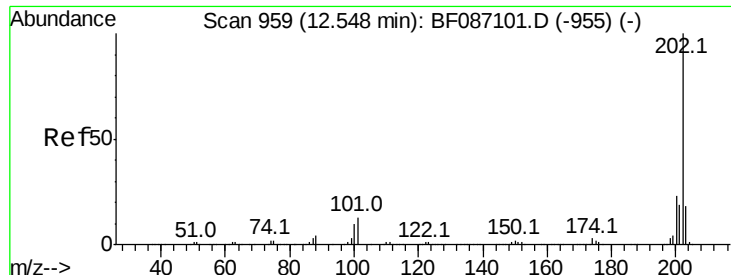
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

Time--> 12.40 12.60





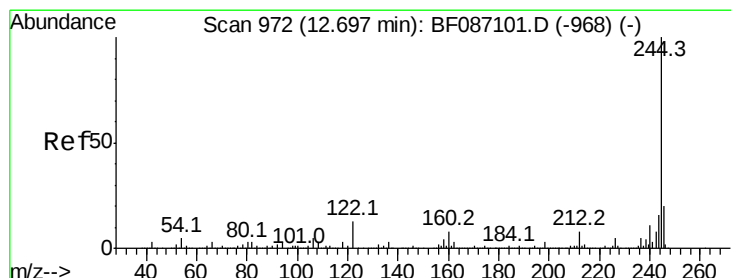
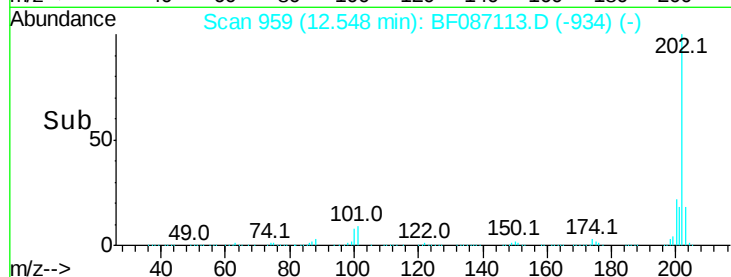
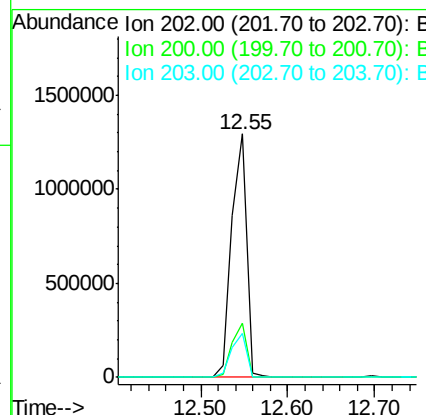
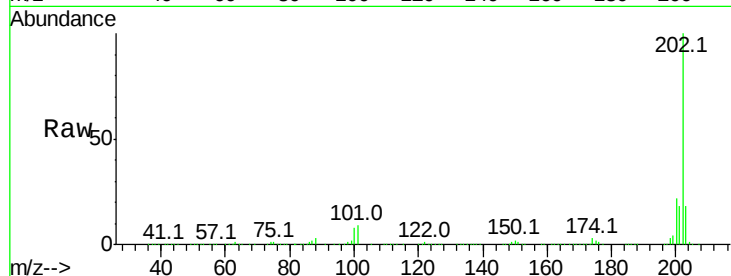
#77
Pvrene
Concen: 52.42 ng
RT: 12.55 min Scan# 959
Delta R.T. -0.01 min
Lab File: BF087113.D
Acq: 17 May 2016 20:30

Instrument :
BNA_F
ClientSampleId :
HSR-WC-43-050616MSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.7	26.5
203	17.8	14.2	21.4

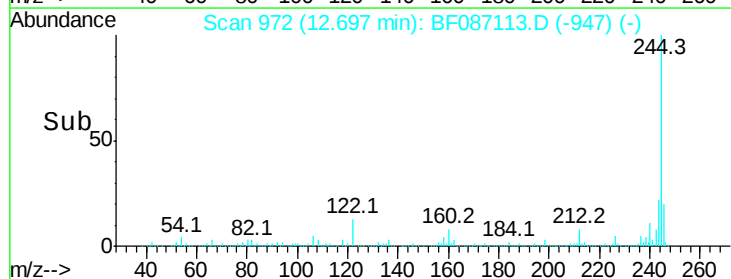
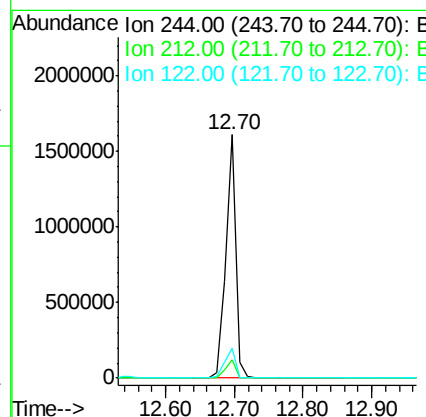
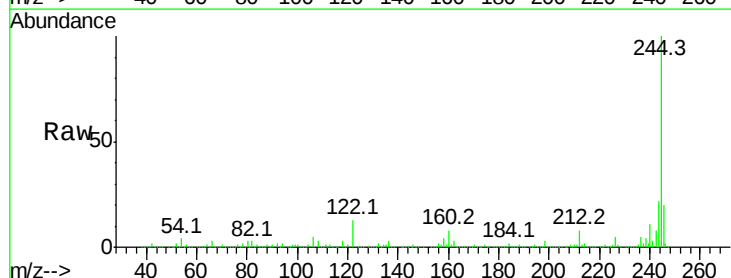
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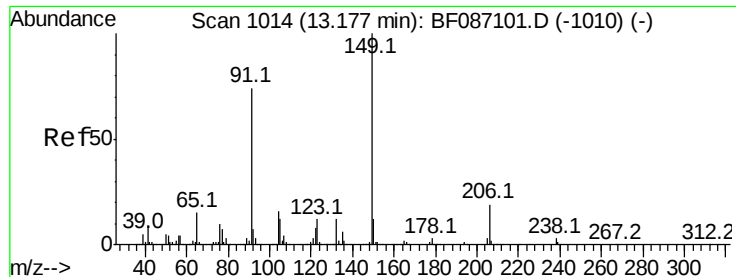
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#78
Terphenyl-d14
Concen: 91.88 ng
RT: 12.70 min Scan# 972
Delta R.T. -0.01 min
Lab File: BF087113.D
Acq: 17 May 2016 20:30

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.2	9.2
122	12.5	12.0	18.0





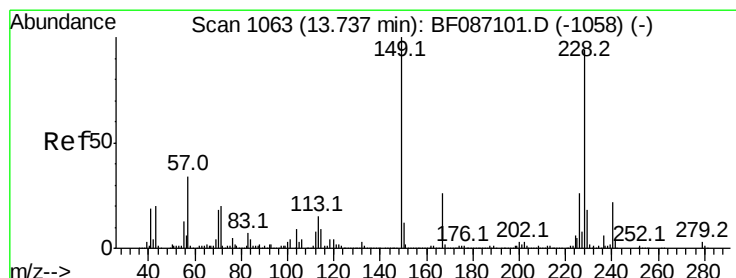
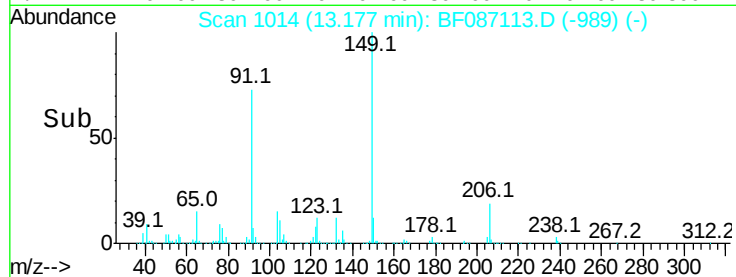
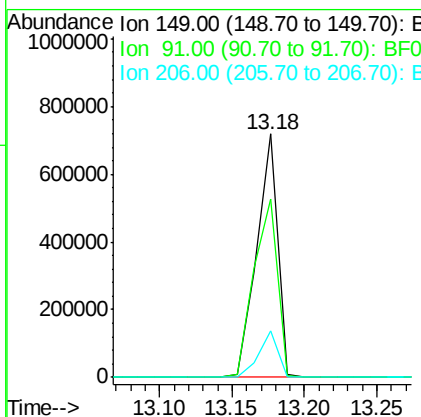
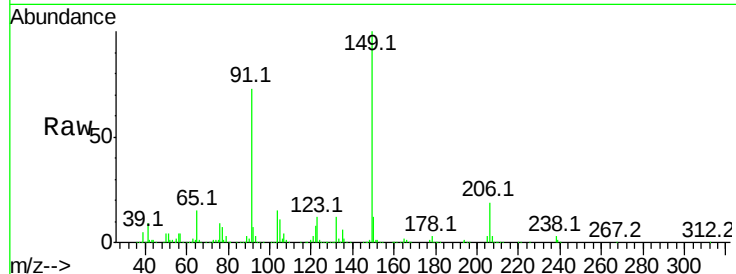
#79
Butylbenzylphthalate
Concen: 57.78 ng
RT: 13.18 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF087113.D
Acq: 17 May 2016 20:30

Instrument :
BNA_F
ClientSampleId :
HSR-WC-43-050616MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	721051		
91	73.2	48.0	72.0#	
206	19.2	15.8	23.6	

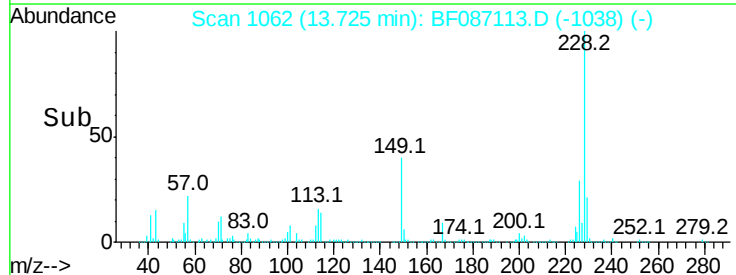
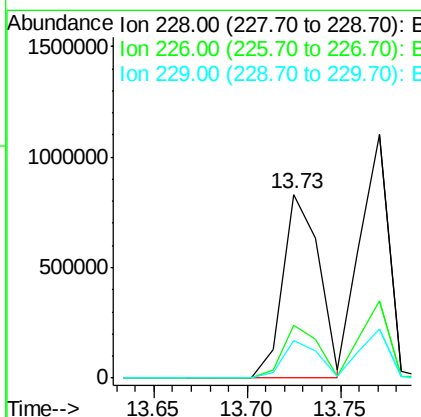
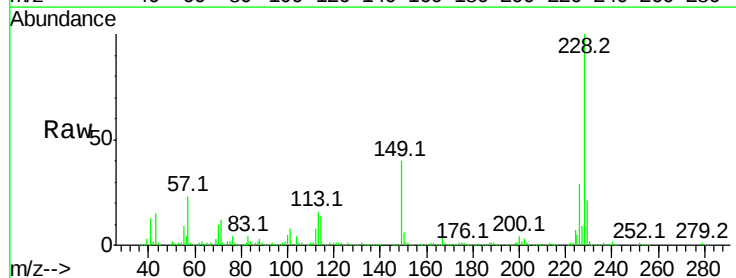
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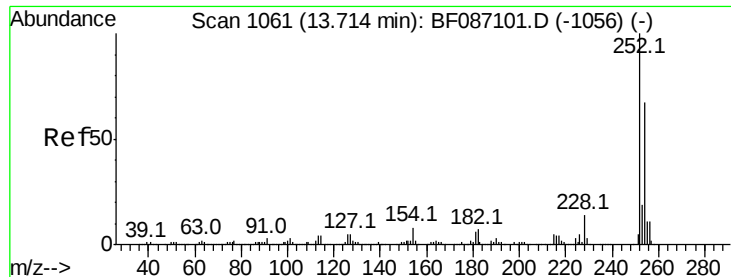
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#80
Benzo(a)anthracene
Concen: 47.27 ng
RT: 13.73 min Scan# 1062
Delta R.T. -0.02 min
Lab File: BF087113.D
Acq: 17 May 2016 20:30

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1118504		
226	28.7	22.5	33.7	
229	20.7	16.6	25.0	





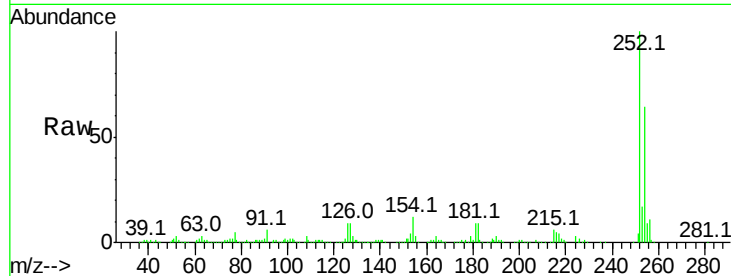
#81
 3,3'-Dichlorobenzidine
 Concen: 16.36 ng
 RT: 13.70 min Scan# 1060
 Delta R.T. -0.02 min
 Lab File: BF087113.D
 Acq: 17 May 2016 20:30

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-43-050616MSD

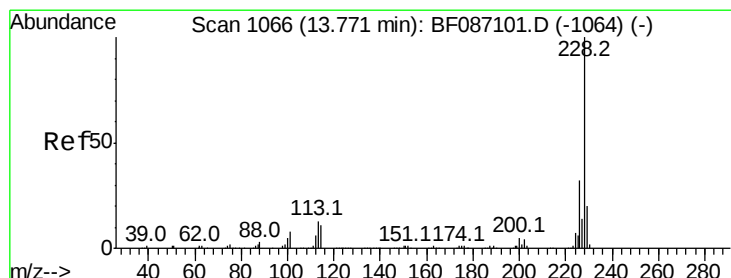
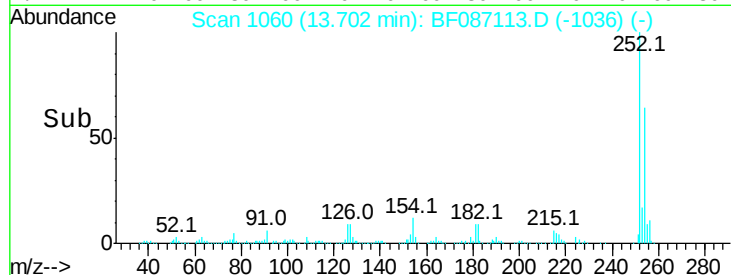
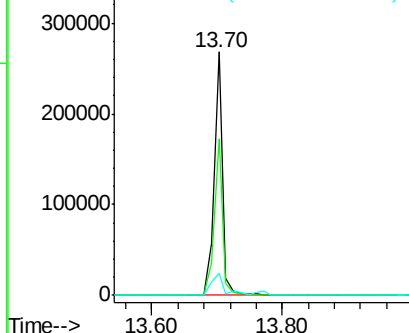
Tot Ion	Ratio	Resp	Lower	Upper
252	100	246382		
254	64.3	50.7	76.1	
126	8.8	12.7	19.1	

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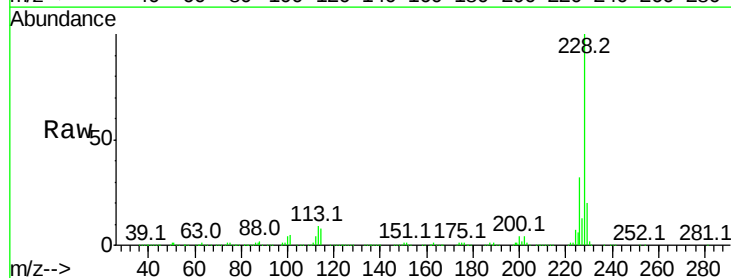


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

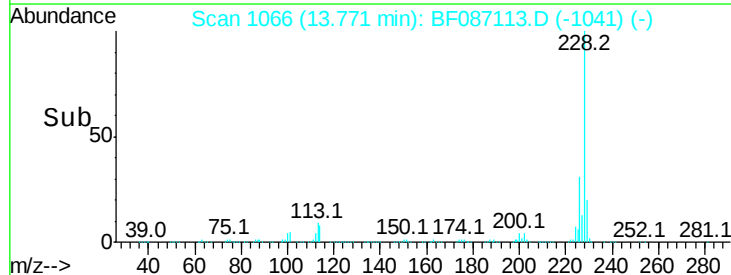
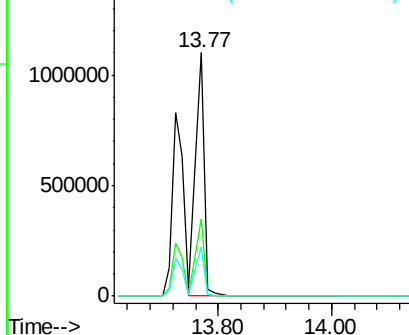


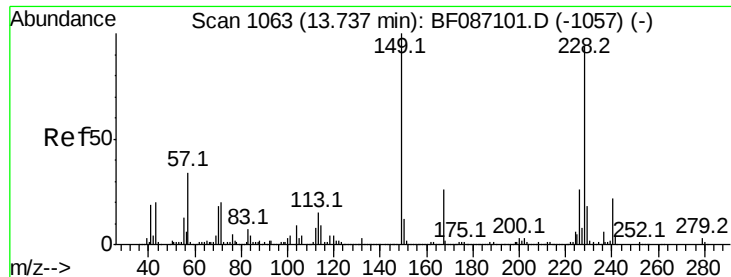
#82
 Chrysene
 Concen: 52.40 ng
 RT: 13.77 min Scan# 1066
 Delta R.T. -0.01 min
 Lab File: BF087113.D
 Acq: 17 May 2016 20:30

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1199590		
226	31.5	24.4	36.6	
229	20.2	15.8	23.8	



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 55.32 ng

RT: 13.74 min Scan# 1063

Delta R.T. -0.01 min

Lab File: BF087113.D

Acq: 17 May 2016 20:30

Instrument :

BNA_F

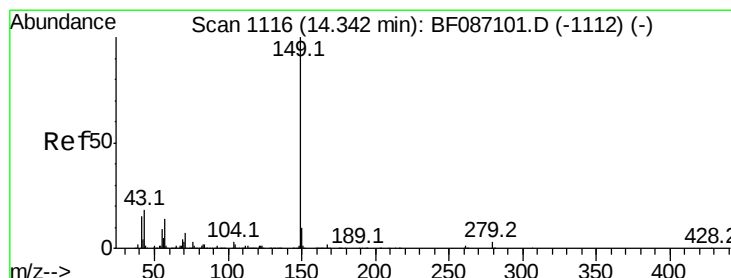
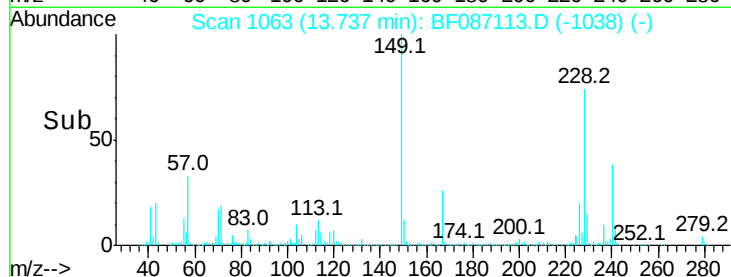
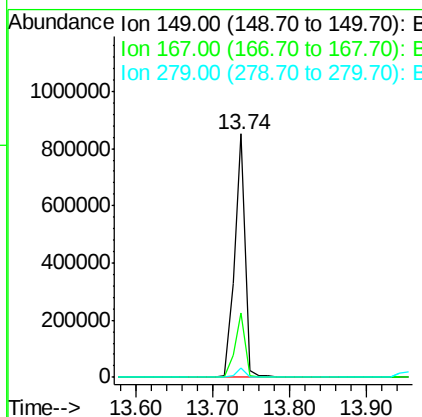
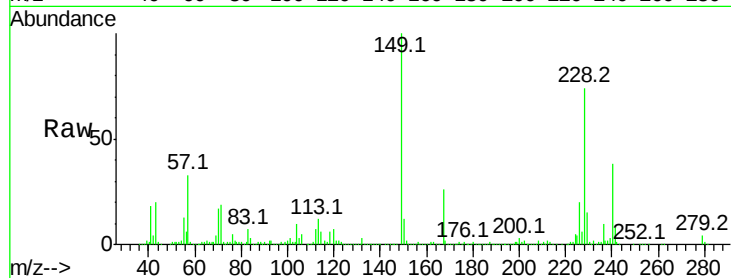
ClientSampleId :

HSR-WC-43-050616MSD

Tot Ion:	149	Resp:	840217
Ion Ratio		Lower	Upper
149	100		
167	26.4	21.8	32.6
279	3.9	2.6	4.0

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#84

Di-n-octyl phthalate

Concen: 53.54 ng

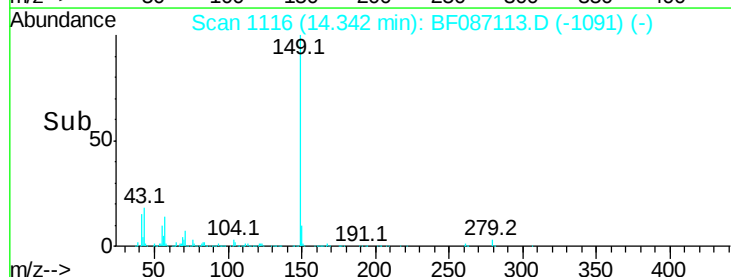
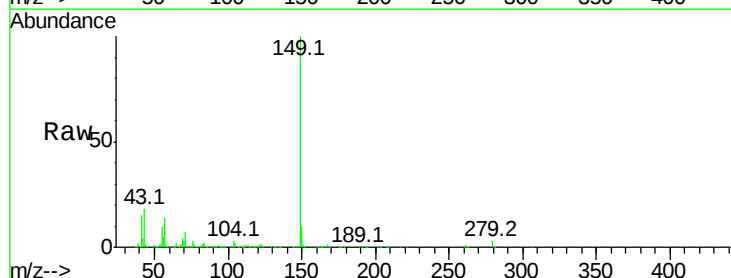
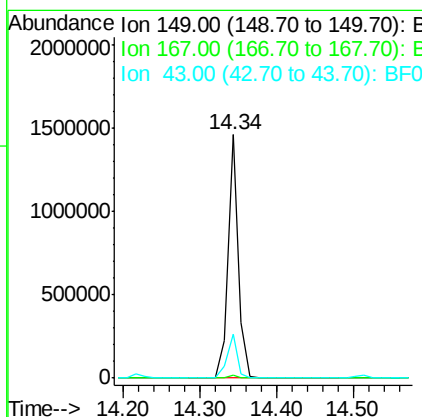
RT: 14.34 min Scan# 1116

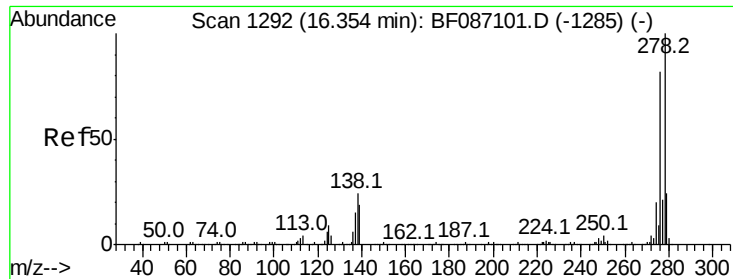
Delta R.T. -0.01 min

Lab File: BF087113.D

Acq: 17 May 2016 20:30

Tgt Ion:	149	Resp:	1400957
Ion Ratio		Lower	Upper
149	100		
167	1.6	1.2	1.8
43	17.6	8.2	12.4#





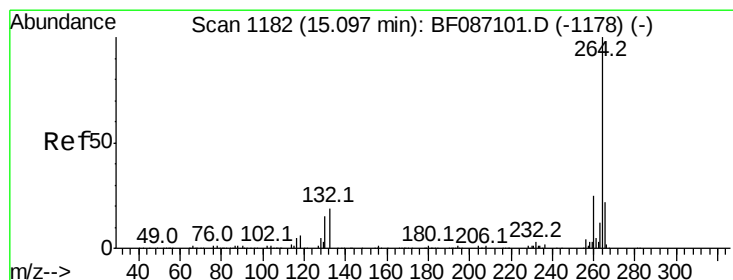
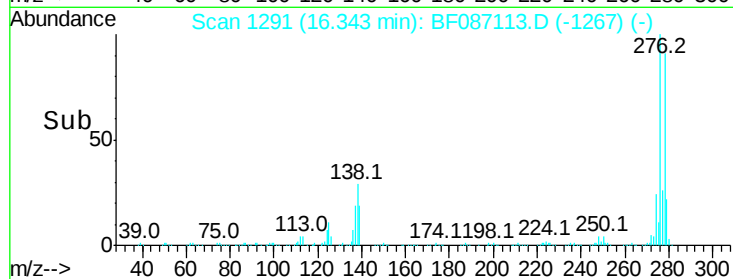
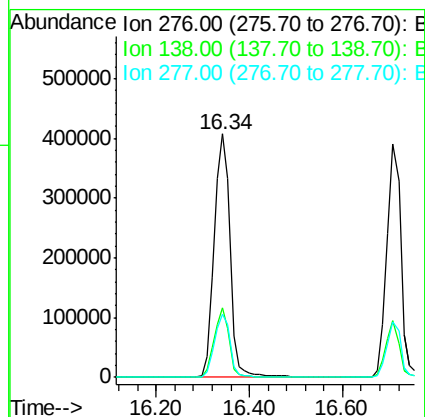
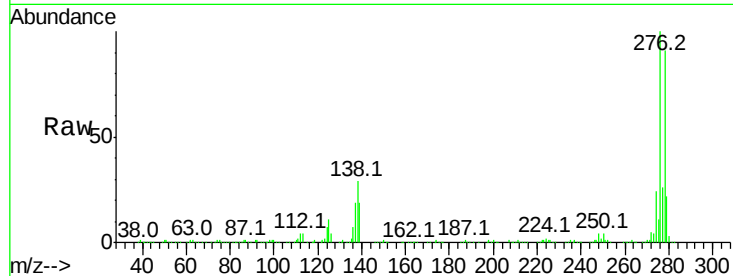
#85
Indeno(1,2,3-cd)pyrene
Concen: 48.39 ng
RT: 16.34 min Scan# 1291
Delta R.T. -0.02 min
Lab File: BF087113.D
Acq: 17 May 2016 20:30

Instrument :
BNA_F
ClientSampleId :
HSR-WC-43-050616MSD

Tot Ion	Ratio	Resp	Lower	Upper
276	100	972395		
138	27.0		25.6	38.4
277	25.6		20.5	30.7

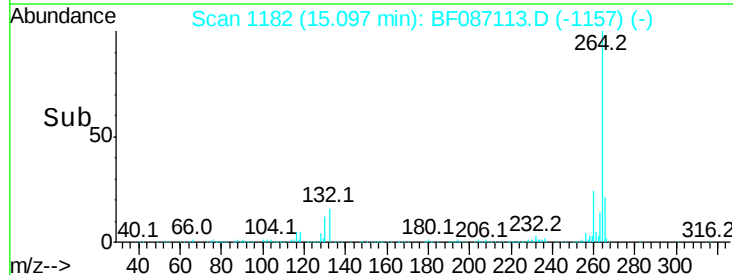
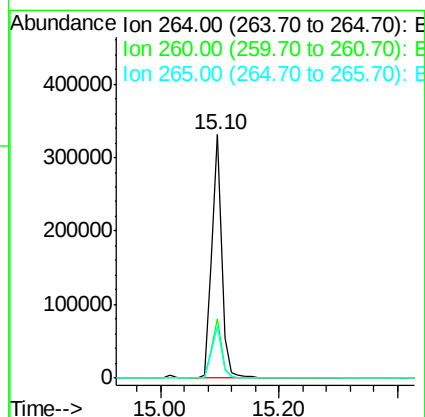
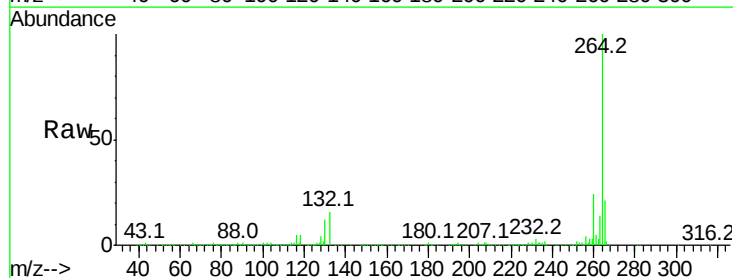
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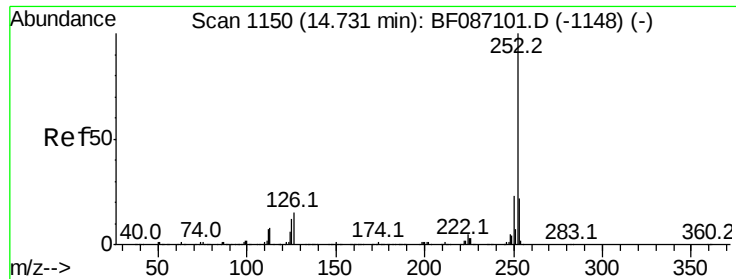
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.10 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF087113.D
Acq: 17 May 2016 20:30

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	388278		
260	24.4		19.5	29.3
265	21.0		17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 41.25 ng m

RT: 14.73 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF087113.D

Acq: 17 May 2016 20:30

Instrument :

BNA_F

ClientSampleId :

HSR-WC-43-050616MSD

Tot Ion:252 Resp: 1062531

Ion Ratio Lower Upper

252 100

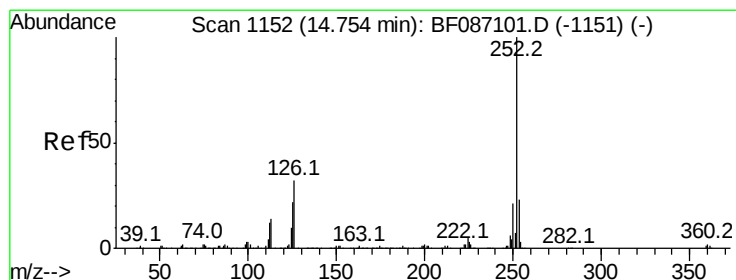
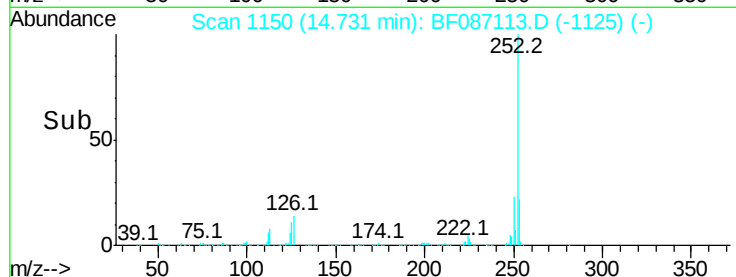
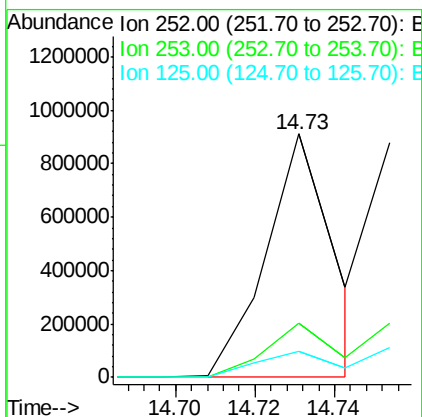
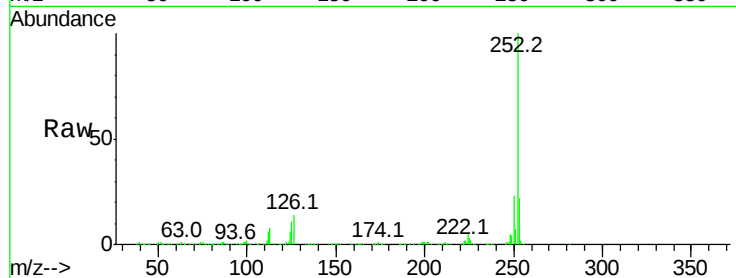
253 22.2 17.8 26.6

125 10.8 11.4 17.0#

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#88

Benzo(k)fluoranthene

Concen: 47.38 ng m

RT: 14.75 min Scan# 1152

Delta R.T. -0.02 min

Lab File: BF087113.D

Acq: 17 May 2016 20:30

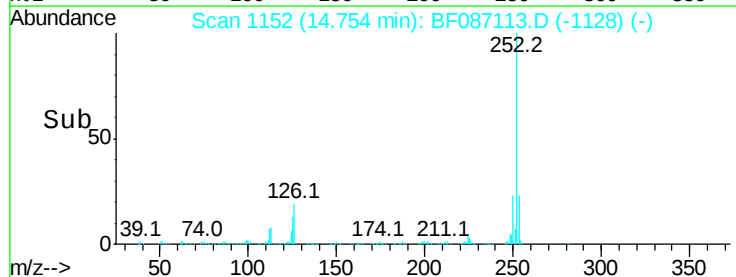
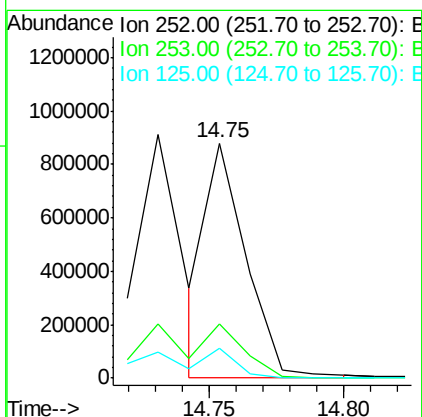
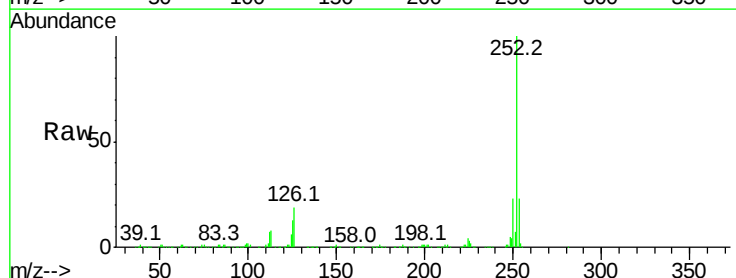
Tgt Ion:252 Resp: 908686

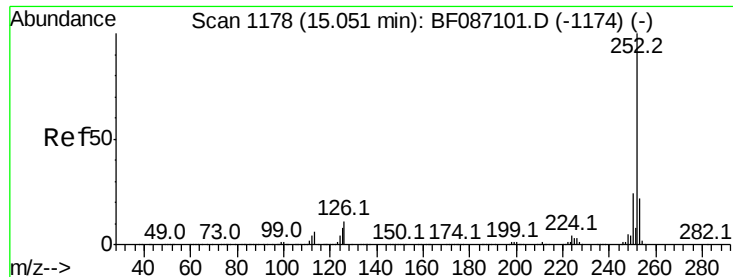
Ion Ratio Lower Upper

252 100

253 22.8 17.8 26.6

125 12.7 9.1 13.7





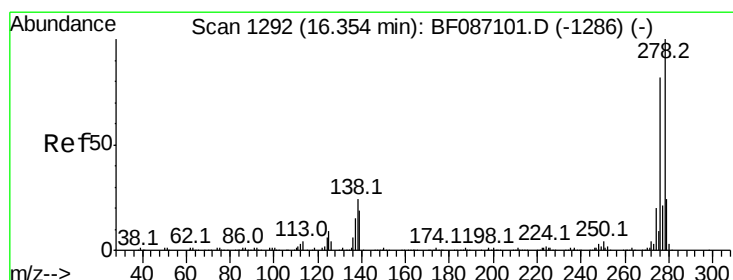
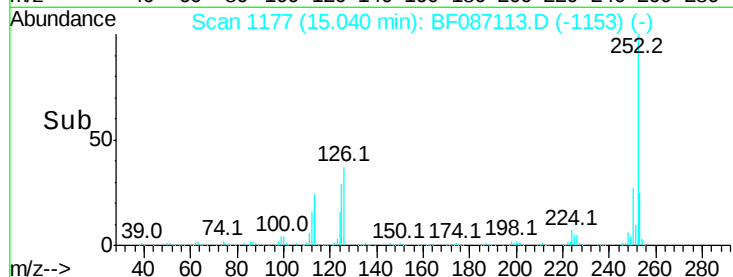
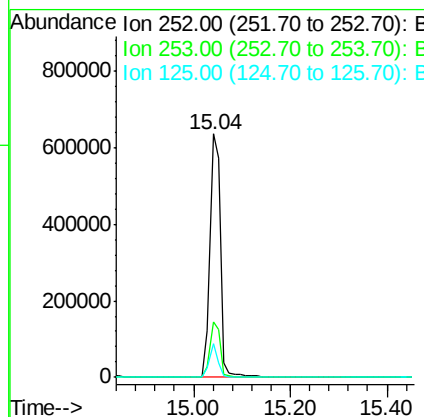
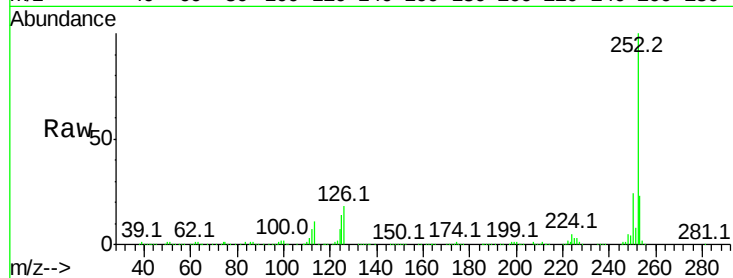
#89
Benzo(a)pyrene
Concen: 45.00 ng
RT: 15.04 min Scan# 1177
Delta R.T. -0.02 min
Lab File: BF087113.D
Acq: 17 May 2016 20:30

Instrument :
BNA_F
ClientSampleId :
HSR-WC-43-050616MSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	22.5	17.2	25.8
125	13.8	9.0	13.6

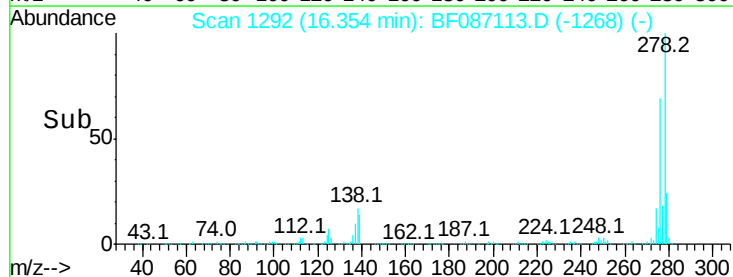
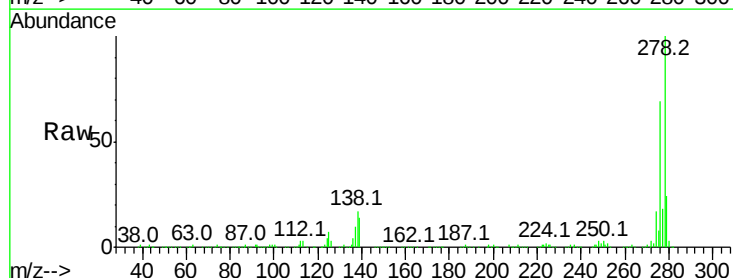
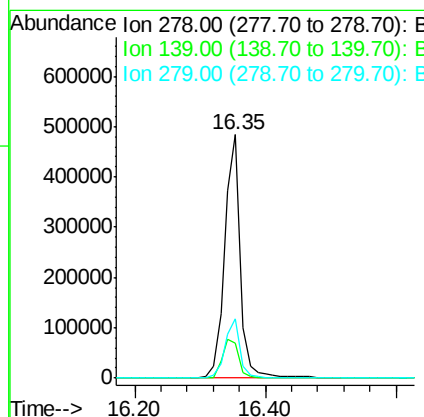
Manual Integrations
APPROVED

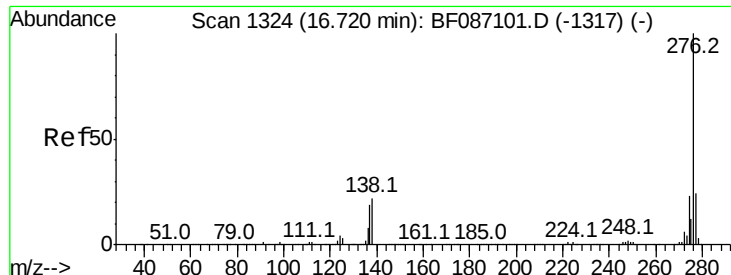
sohil
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#90
Dibenzo(a,h)anthracene
Concen: 44.59 ng
RT: 16.35 min Scan# 1292
Delta R.T. -0.02 min
Lab File: BF087113.D
Acq: 17 May 2016 20:30

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	14.1	16.6	24.8
279	24.3	19.6	29.4





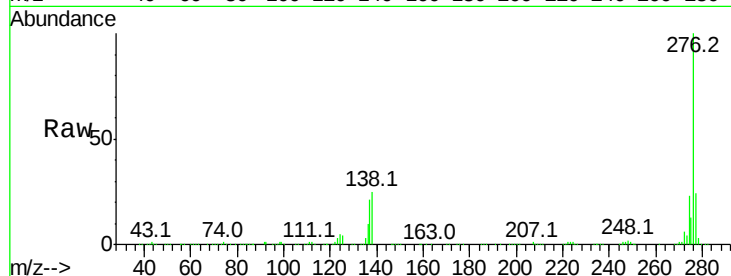
#91
 Benzo(a,h,i)perylene
 Concen: 44.69 ng
 RT: 16.71 min Scan# 1323
 Delta R.T. -0.03 min
 Lab File: BF087113.D
 Acq: 17 May 2016 20:30

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-43-050616MSD

Tot Ion	Ratio	Resp	Lower	Upper
276	100			
277	23.7	19.6	29.4	
138	24.5	23.6	35.4	

Manual Integrations
 APPROVED

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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

